

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
 Data File : VD080260.D
 Acq On : 07 Feb 2025 14:46
 Operator : RP/MD
 Sample : Q1168-03 2.5PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Quant Time: Feb 08 01:23:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 08 01:23:21 2025
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.875	168	97129	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	169425	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162832	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	78270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	69403	54.931	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.860%			
35) Dibromofluoromethane	7.805	113	63734	53.078	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.160%			
50) Toluene-d8	10.269	98	212318	47.680	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 95.360%			
62) 4-Bromofluorobenzene	12.575	95	65298	45.702	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 91.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3257	2.838	ug/l	81
3) Chloromethane	2.146	50	6413	3.170	ug/l	89
4) Vinyl Chloride	2.281	62	7566	3.091	ug/l	94
5) Bromomethane	2.687	94	6200	3.285	ug/l	95
6) Chloroethane	2.828	64	5638	3.458	ug/l	96
7) Trichlorofluoromethane	3.164	101	6416	3.163	ug/l	92
8) Diethyl Ether	3.587	74	1658	2.988	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.958	101	3878	3.303	ug/l	96
10) Methyl Iodide	4.164	142	3199	3.813	ug/l	94
11) Tert butyl alcohol	5.064	59	1479m	21.192	ug/l	
12) 1,1-Dichloroethene	3.946	96	3407	3.063	ug/l	79
13) Acrolein	3.787	56	1821	13.838	ug/l	89
14) Allyl chloride	4.552	41	4972	2.901	ug/l #	85
15) Acrylonitrile	5.264	53	3820	14.328	ug/l	94
16) Acetone	4.023	43	4211m	20.680	ug/l	
17) Carbon Disulfide	4.275	76	11882	2.962	ug/l	97
18) Methyl Acetate	4.581	43	2667	3.882	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	7129	2.911	ug/l #	87
20) Methylene Chloride	4.799	84	5140	3.720	ug/l #	88
21) trans-1,2-Dichloroethene	5.317	96	3765	2.980	ug/l	88
22) Diisopropyl ether	6.211	45	8425	2.362	ug/l #	98
23) Vinyl Acetate	6.164	43	25077	12.176	ug/l	98
24) 1,1-Dichloroethane	6.111	63	7397	3.163	ug/l	94
25) 2-Butanone	7.081	43	4742	15.014	ug/l	98
26) 2,2-Dichloropropane	7.075	77	6755	3.330	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	4092	2.866	ug/l	88
28) Bromochloromethane	7.434	49	3865	3.622	ug/l #	91
29) Tetrahydrofuran	7.452	42	3041	14.701	ug/l #	89
30) Chloroform	7.599	83	7453	3.117	ug/l	95
31) Cyclohexane	7.881	56	7394	3.950	ug/l #	82
32) 1,1,1-Trichloroethane	7.799	97	6450	3.225	ug/l	96
36) 1,1-Dichloropropene	8.005	75	5006	2.911	ug/l #	80
37) Ethyl Acetate	7.175	43	2947	3.494	ug/l #	71
38) Carbon Tetrachloride	7.987	117	5235	2.914	ug/l #	61
39) Methylcyclohexane	9.281	83	4547	2.434	ug/l	87
40) Benzene	8.258	78	15188	2.817	ug/l	97

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Manual Integrations
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Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	1775	3.824	ug/l #	83
42) 1,2-Dichloroethane	8.328	62	5180	3.377	ug/l	93
43) Isopropyl Acetate	8.369	43	4697	3.138	ug/l #	82
44) Trichloroethene	9.028	130	3538	2.841	ug/l	94
45) 1,2-Dichloropropane	9.305	63	4210	3.105	ug/l	94
46) Dibromomethane	9.393	93	2482	3.285	ug/l	93
47) Bromodichloromethane	9.581	83	6100	3.202	ug/l #	91
48) Methyl methacrylate	9.381	41	1906	2.752	ug/l #	89
49) 1,4-Dioxane	9.387	88	365	44.413	ug/l #	65
51) 4-Methyl-2-Pentanone	10.152	43	9856	13.023	ug/l	99
52) Toluene	10.340	92	9510	3.016	ug/l	96
53) t-1,3-Dichloropropene	10.552	75	4617	2.843	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	4817	2.438	ug/l #	91
55) 1,1,2-Trichloroethane	10.734	97	3081	3.139	ug/l	92
56) Ethyl methacrylate	10.599	69	2646	2.362	ug/l #	77
57) 1,3-Dichloropropane	10.881	76	4509	2.777	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.863	63	5849	12.235	ug/l #	87
59) 2-Hexanone	10.922	43	6770	13.632	ug/l	87
60) Dibromochloromethane	11.075	129	3881	3.208	ug/l	91
61) 1,2-Dibromoethane	11.175	107	2774	3.103	ug/l	93
64) Tetrachloroethene	10.810	164	3292	2.894	ug/l #	78
65) Chlorobenzene	11.610	112	9610	2.575	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	3782	2.896	ug/l	94
67) Ethyl Benzene	11.681	91	14140	2.277	ug/l	92
68) m/p-Xylenes	11.799	106	10247	4.251	ug/l	98
69) o-Xylene	12.116	106	4810	2.188	ug/l	95
70) Styrene	12.140	104	7555	1.931	ug/l	91
71) Bromoform	12.299	173	2335	3.034	ug/l #	93
73) Isopropylbenzene	12.416	105	12055	2.277	ug/l	99
74) N-amyl acetate	12.234	43	3778	2.715	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	4065	3.690	ug/l #	94
76) 1,2,3-Trichloropropane	12.722	75	3122m	3.943	ug/l	
77) Bromobenzene	12.699	156	3883	2.843	ug/l	89
78) n-propylbenzene	12.763	91	16386	2.431	ug/l	100
79) 2-Chlorotoluene	12.846	91	9656	2.522	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	9993	2.257	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	1156	2.986	ug/l	87
82) 4-Chlorotoluene	12.946	91	10186	2.503	ug/l	99
83) tert-Butylbenzene	13.163	119	9314	2.573	ug/l	91
84) 1,2,4-Trimethylbenzene	13.210	105	10063	2.233	ug/l	97
85) sec-Butylbenzene	13.346	105	12472	2.254	ug/l	97
86) p-Isopropyltoluene	13.463	119	10132	2.144	ug/l	96
87) 1,3-Dichlorobenzene	13.463	146	7683	2.856	ug/l	97
88) 1,4-Dichlorobenzene	13.540	146	8572	3.149	ug/l	93
89) n-Butylbenzene	13.787	91	11216	2.442	ug/l	98
90) Hexachloroethane	14.057	117	3136	2.986	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	6751	2.849	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.440	75	586	3.343	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	3758	2.488	ug/l	98
94) Hexachlorobutadiene	15.204	225	2209	2.700	ug/l	91
95) Naphthalene	15.334	128	6670	2.462	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	3533	2.591	ug/l	90

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QLast Update : Sat Feb 08 01:23:21 2025
Response via : Initial Calibration

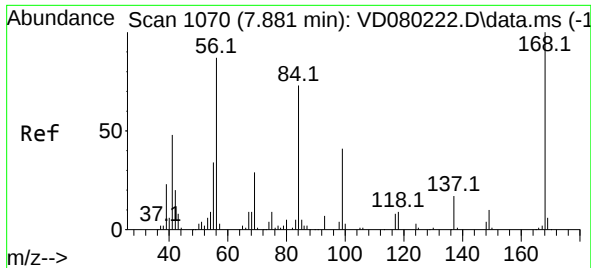
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Manual Integrations
APPROVED

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Supervised By :Semsettin Yesilyurt 02/10/2025

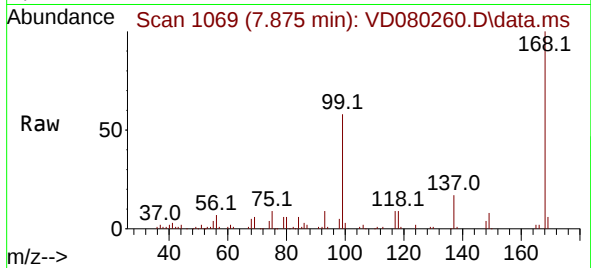
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

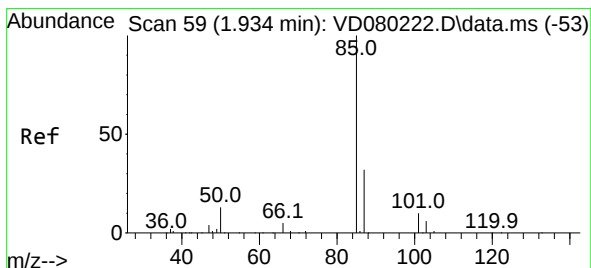
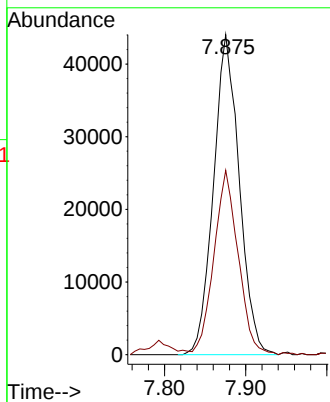
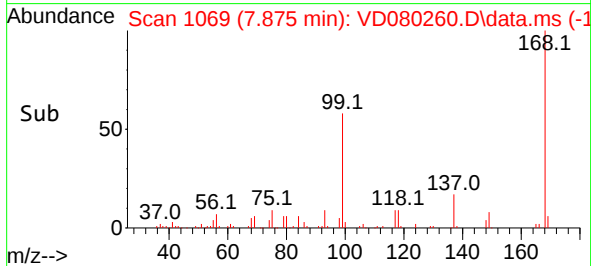
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025



Tgt Ion:168 Resp: 97129
Ion Ratio Lower Upper
168 100
99 57.6 44.4 66.6

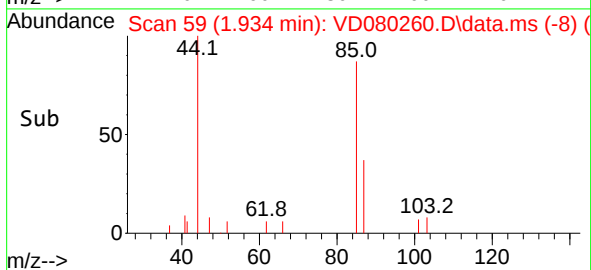
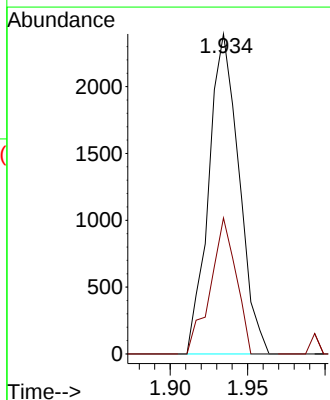
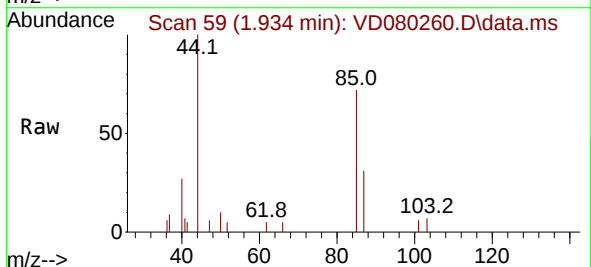
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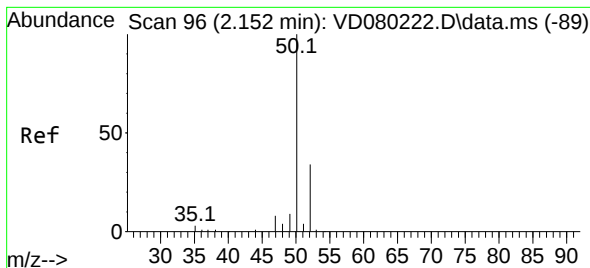
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#2
Dichlorodifluoromethane
Concen: 2.838 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

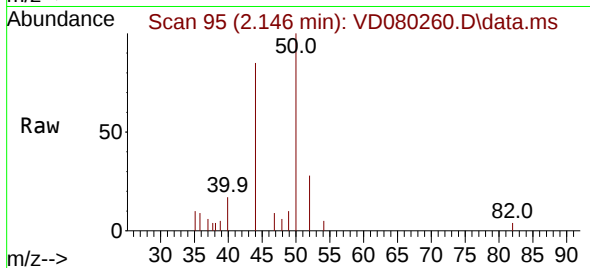
Tgt Ion: 85 Resp: 3257
Ion Ratio Lower Upper
85 100
87 42.5 16.0 47.9





#3
Chloromethane
Concen: 3.170 ug/l
RT: 2.146 min Scan# 96
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

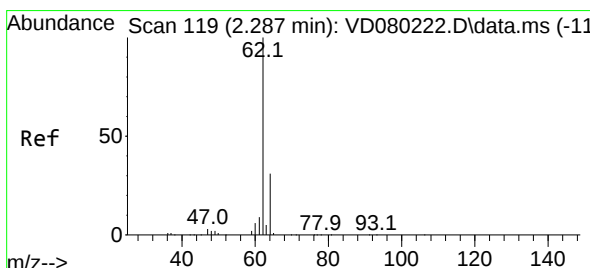
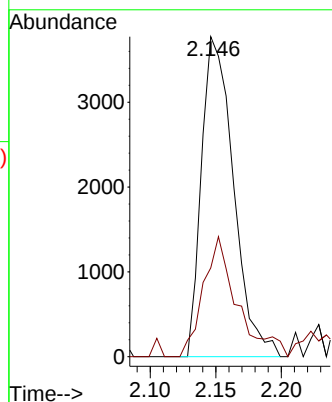
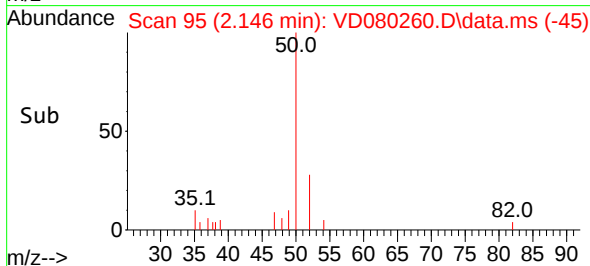
Instrument :
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ClientSampleId :
MDL-SOIL-03-QT1-2025



Tgt Ion: 50 Resp: 641
Ion Ratio Lower Upper
50 100
52 27.8 27.2 40.8

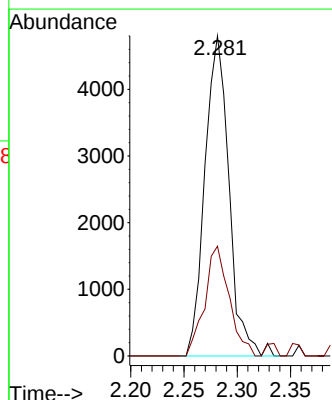
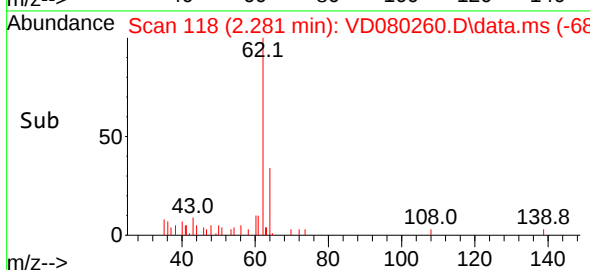
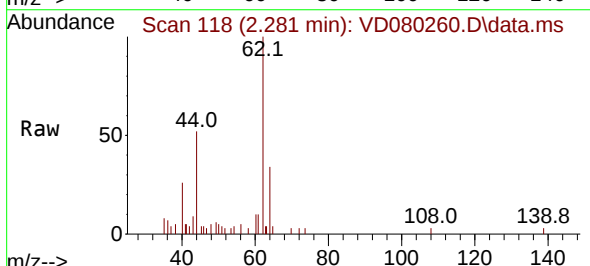
Manual Integrations
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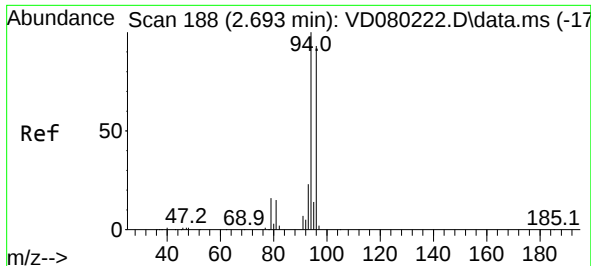
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#4
Vinyl Chloride
Concen: 3.091 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

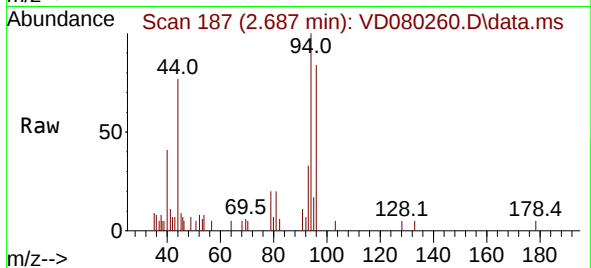
Tgt Ion: 62 Resp: 7566
Ion Ratio Lower Upper
62 100
64 34.3 24.8 37.2





#5
Bromomethane
Concen: 3.285 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

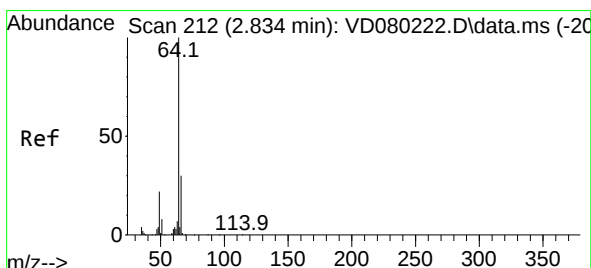
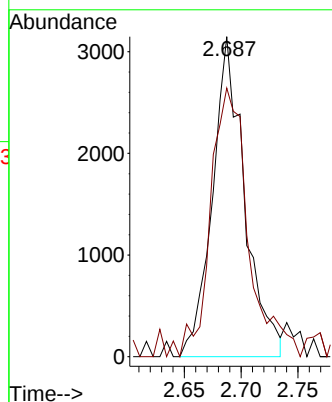
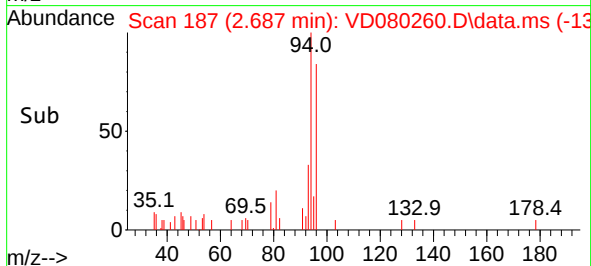
Instrument :
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Tgt Ion: 94 Resp: 6200
Ion Ratio Lower Upper
94 100
96 97.9 74.4 111.6

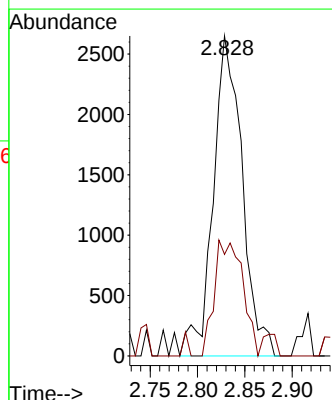
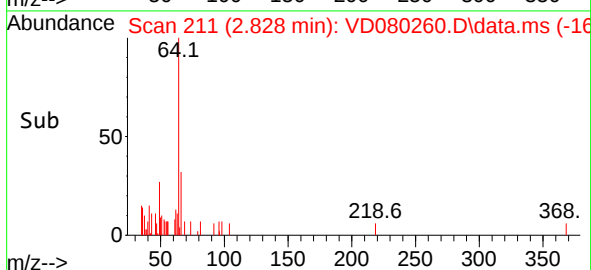
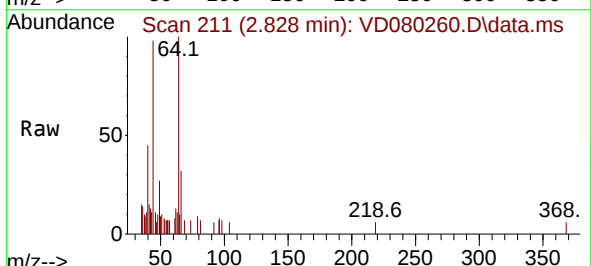
Manual Integrations
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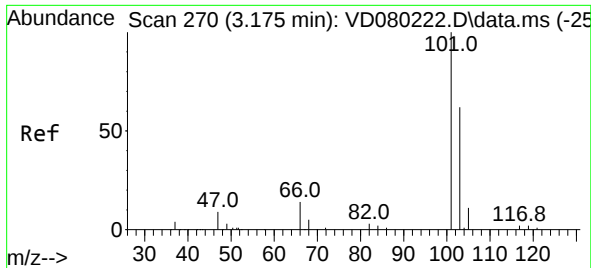
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#6
Chloroethane
Concen: 3.458 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion: 64 Resp: 5638
Ion Ratio Lower Upper
64 100
66 31.7 23.8 35.8





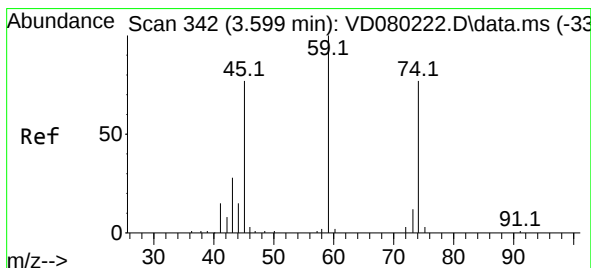
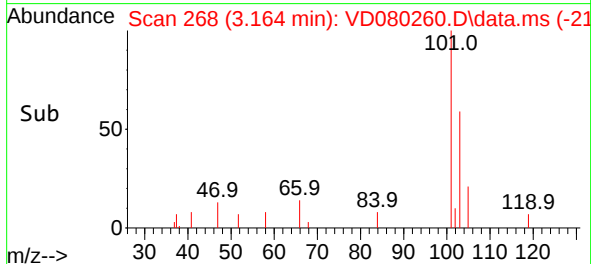
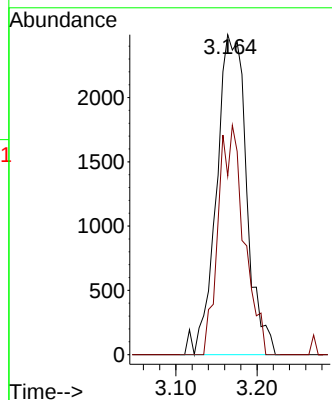
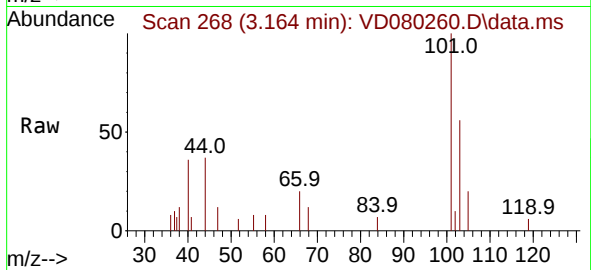
#7
Trichlorofluoromethane
Concen: 3.163 ug/l
RT: 3.164 min Scan# 20
Delta R.T. -0.011 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion:101 Resp: 6410
Ion Ratio Lower Upper
101 100
103 55.8 49.9 74.9

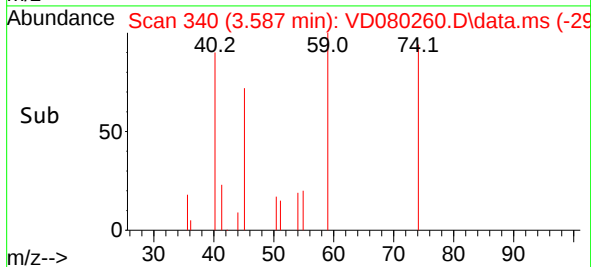
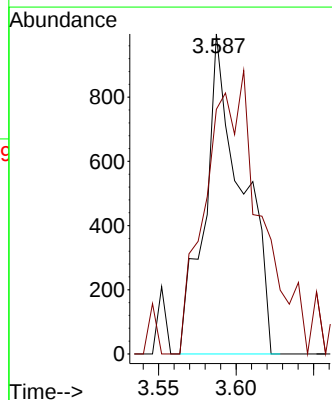
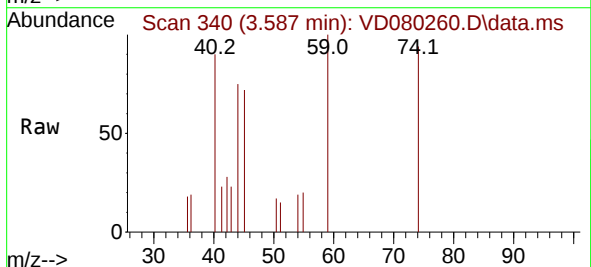
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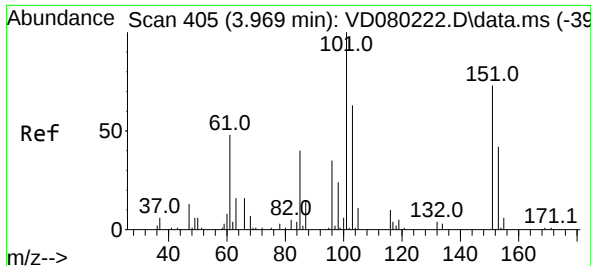
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#8
Diethyl Ether
Concen: 2.988 ug/l
RT: 3.587 min Scan# 340
Delta R.T. -0.012 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

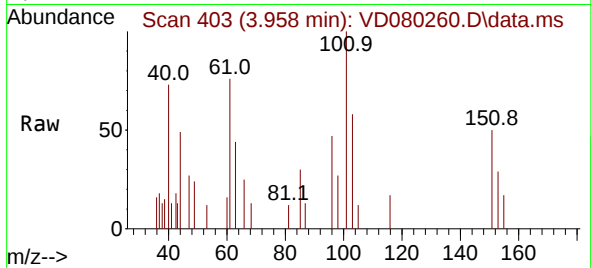
Tgt Ion: 74 Resp: 1658
Ion Ratio Lower Upper
74 100
45 129.7 51.0 153.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.303 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

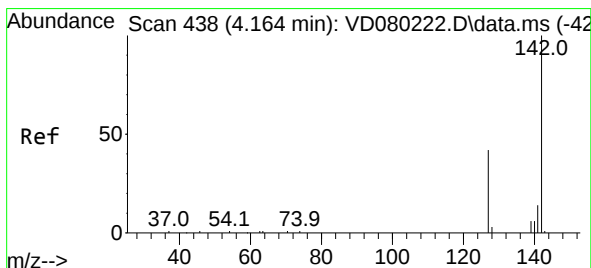
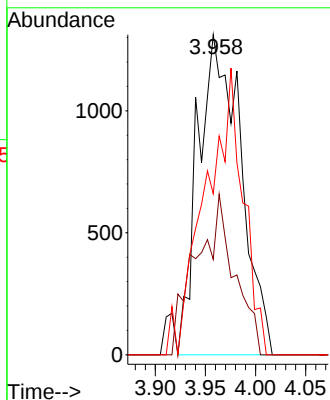
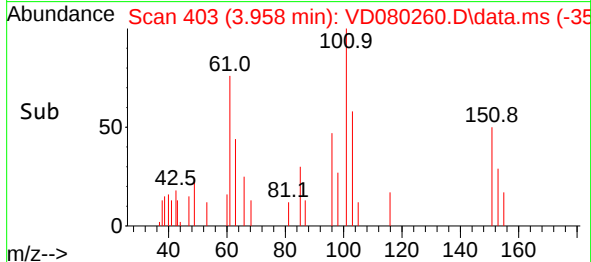
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



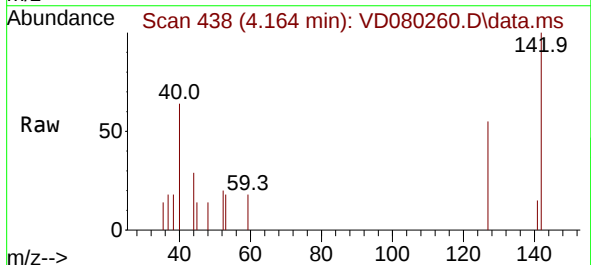
Tgt Ion:101 Resp: 3878
Ion Ratio Lower Upper
101 100
85 45.0 36.2 54.4
151 78.5 59.0 88.6

Manual Integrations
APPROVED

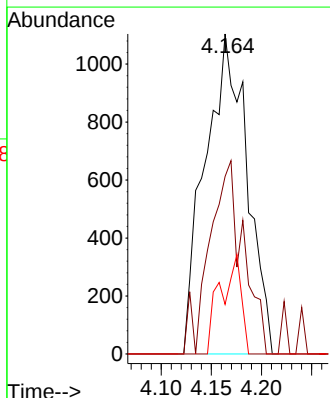
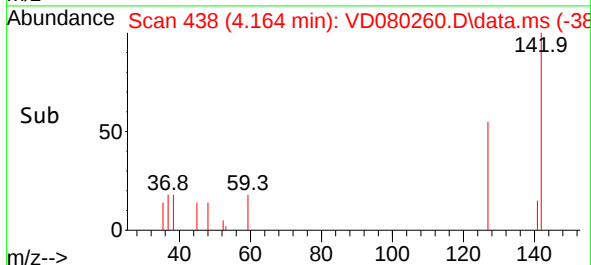
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

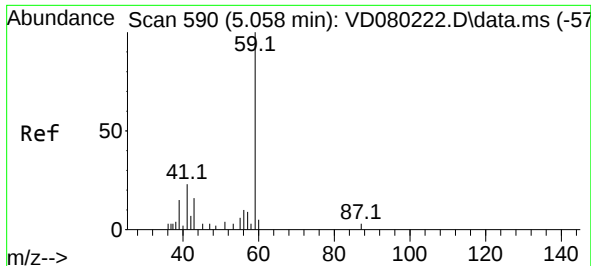


#10
Methyl Iodide
Concen: 3.813 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



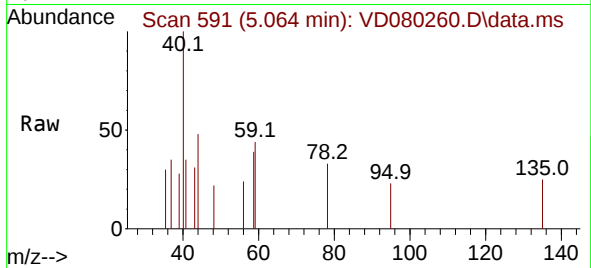
Tgt Ion:142 Resp: 3199
Ion Ratio Lower Upper
142 100
127 49.1 35.4 53.2
141 15.4 12.6 18.8





#11
Tert butyl alcohol
Concen: 21.192 ug/l m
RT: 5.064 min Scan# 591
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

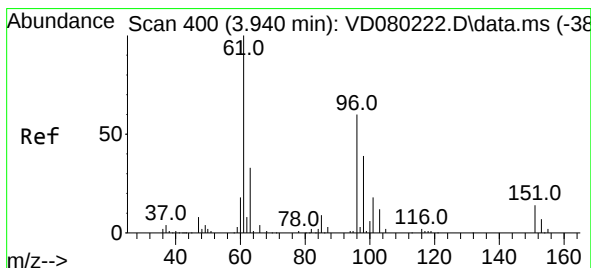
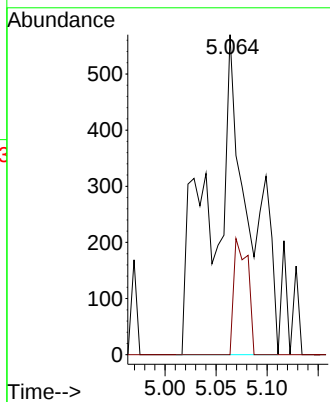
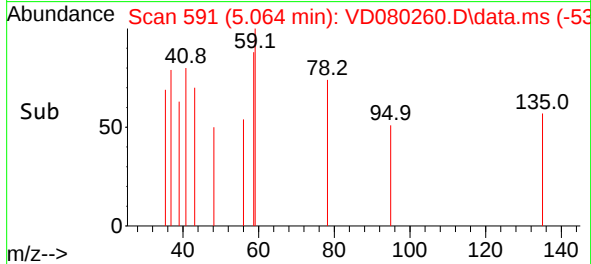
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



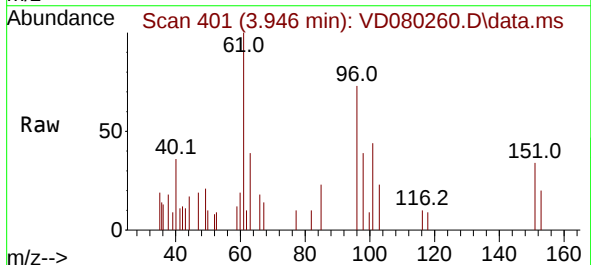
Tgt Ion: 59 Resp: 1479
Ion Ratio Lower Upper
59 100
57 13.2 7.2 10.8

Manual Integrations
APPROVED

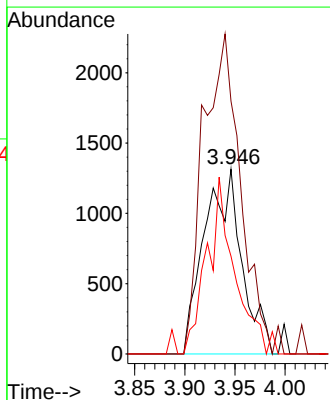
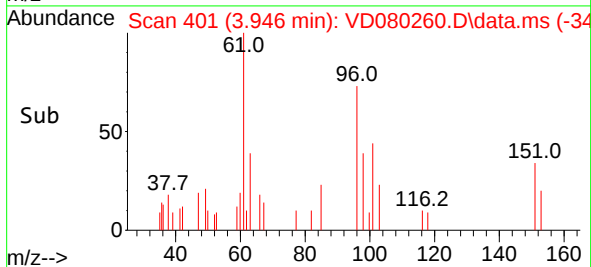
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

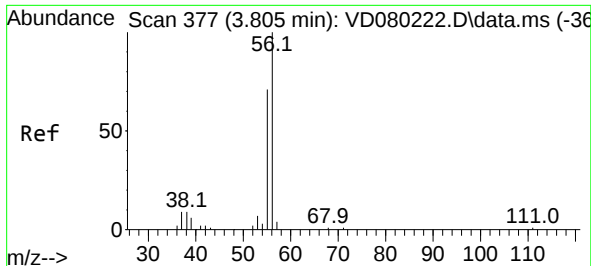


#12
1,1-Dichloroethene
Concen: 3.063 ug/l
RT: 3.946 min Scan# 401
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



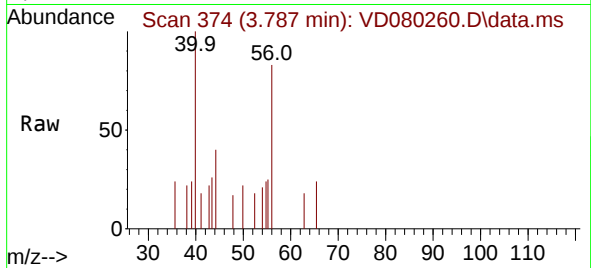
Tgt Ion: 96 Resp: 3407
Ion Ratio Lower Upper
96 100
61 136.7 133.8 200.6
98 52.9 52.2 78.2





#13
Acrolein
Concen: 13.838 ug/l
RT: 3.787 min Scan# 31
Delta R.T. -0.018 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

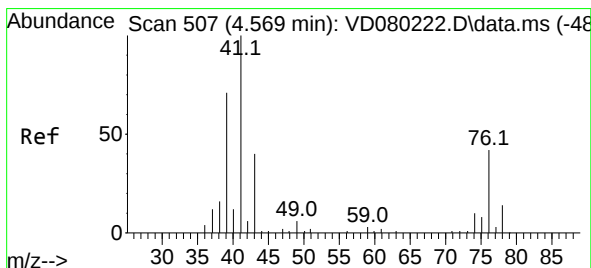
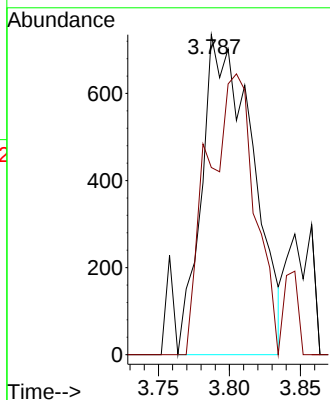
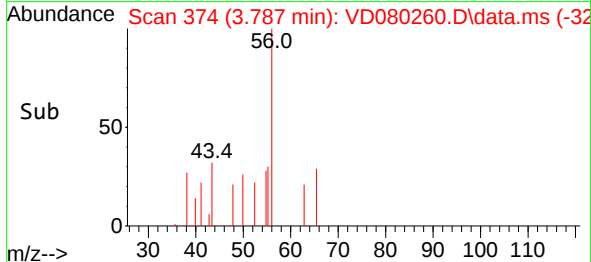
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



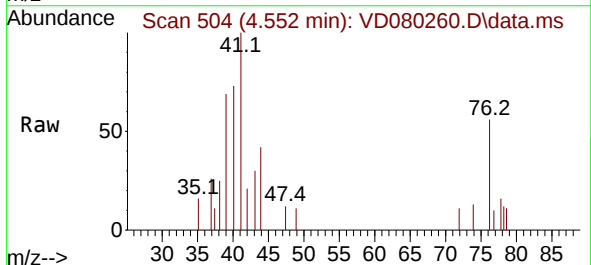
Tgt Ion: 56 Resp: 182
Ion Ratio Lower Upper
56 100
55 81.8 57.8 86.8

Manual Integrations
APPROVED

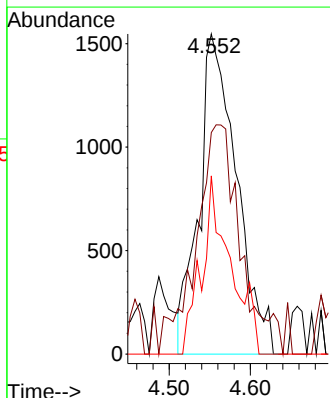
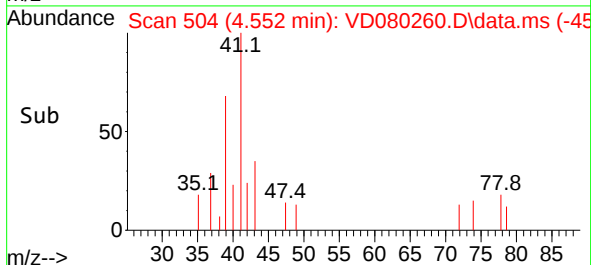
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

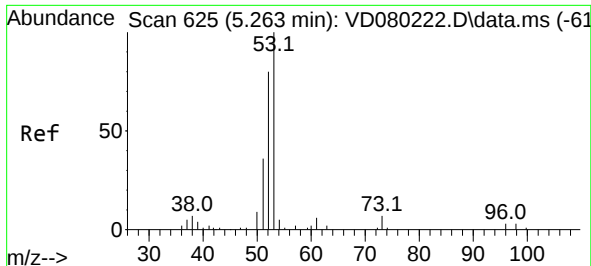


#14
Allyl chloride
Concen: 2.901 ug/l
RT: 4.552 min Scan# 504
Delta R.T. -0.018 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



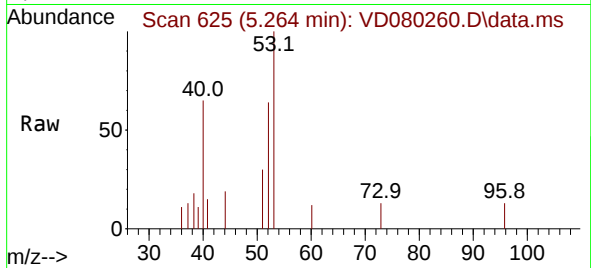
Tgt Ion: 41 Resp: 4972
Ion Ratio Lower Upper
41 100
39 84.8 55.0 82.4#
76 42.8 31.0 46.4





#15
Acrylonitrile
Concen: 14.328 ug/l
RT: 5.264 min Scan# 61
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

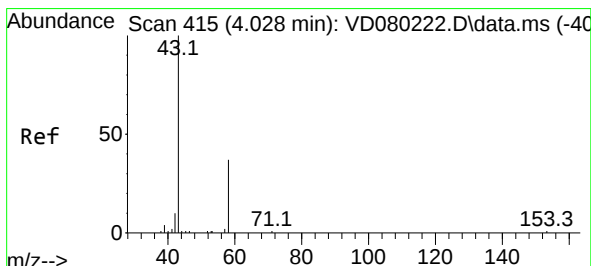
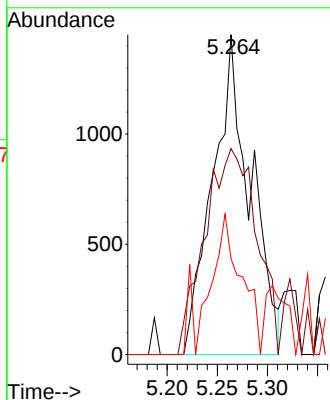
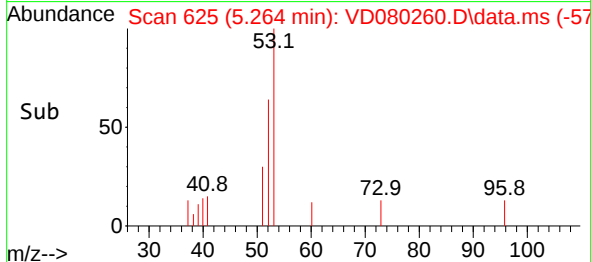
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



Tgt Ion: 53 Resp: 3820
Ion Ratio Lower Upper
53 100
52 88.1 65.9 98.9
51 33.7 30.1 45.1

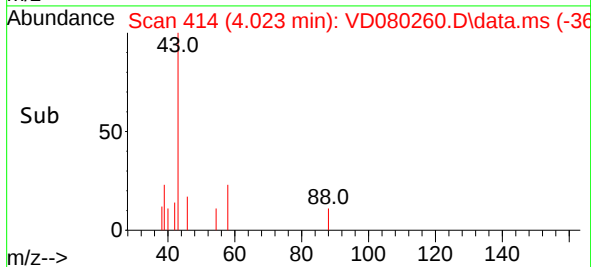
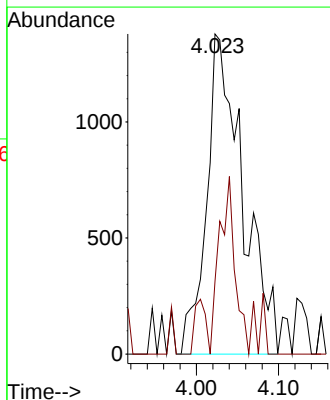
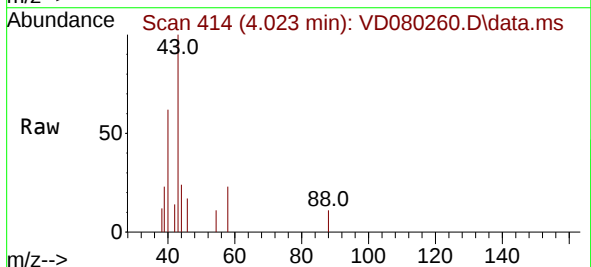
Manual Integrations
APPROVED

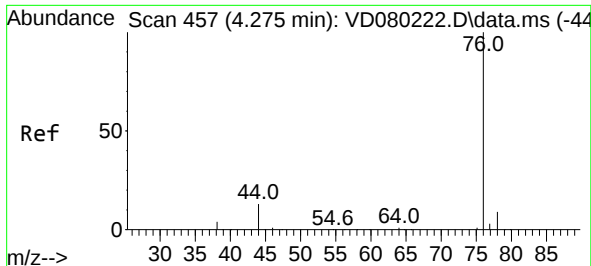
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#16
Acetone
Concen: 20.680 ug/l m
RT: 4.023 min Scan# 414
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

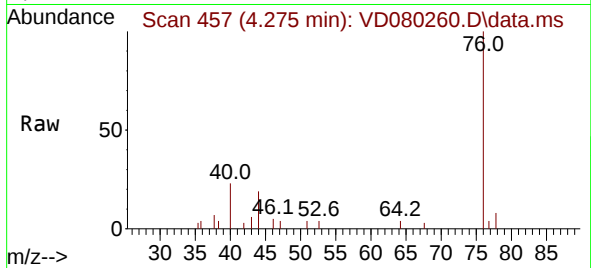
Tgt Ion: 43 Resp: 4211
Ion Ratio Lower Upper
43 100
58 22.7 29.5 44.3#





#17
Carbon Disulfide
Concen: 2.962 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

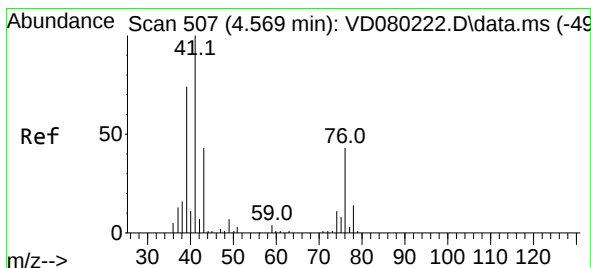
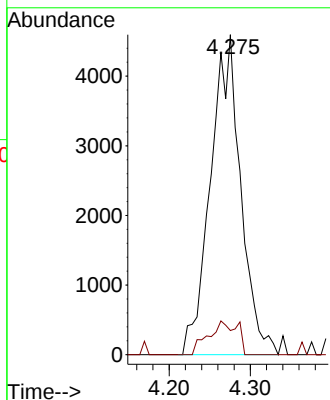
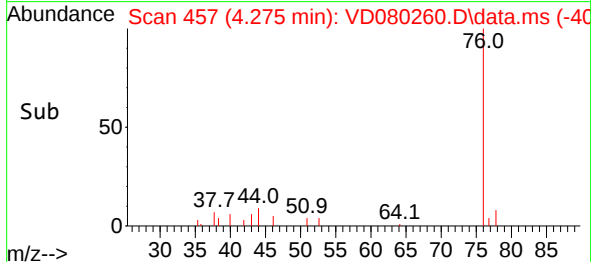
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



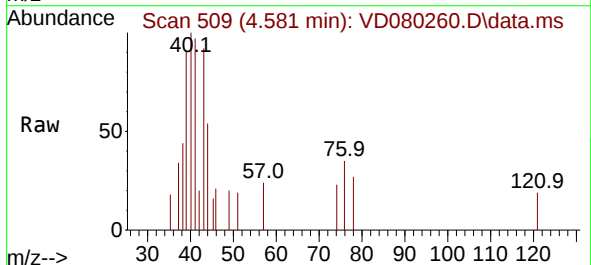
Tgt Ion: 76 Resp: 1188
Ion Ratio Lower Upper
76 100
78 7.5 7.0 10.4

Manual Integrations
APPROVED

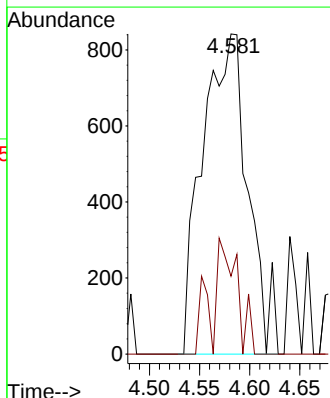
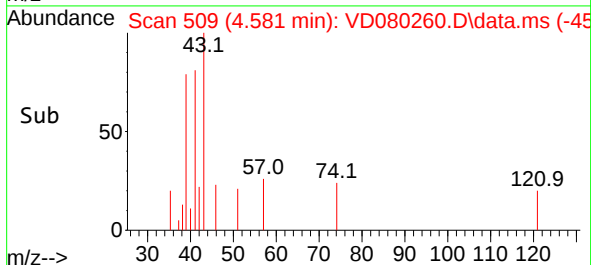
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

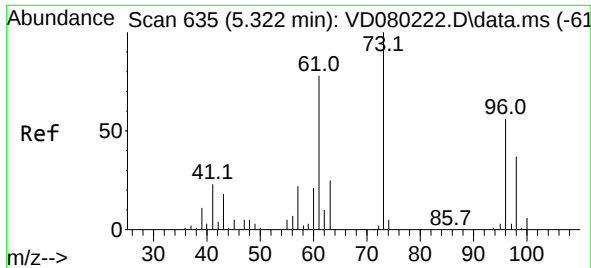


#18
Methyl Acetate
Concen: 3.882 ug/l
RT: 4.581 min Scan# 509
Delta R.T. 0.012 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion: 43 Resp: 2667
Ion Ratio Lower Upper
43 100
74 20.5 19.4 29.2





#19

Methyl tert-butyl Ether

Concen: 2.911 ug/l

RT: 5.322 min Scan# 61

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 73 Resp: 7129

Ion Ratio Lower Upper

73 100

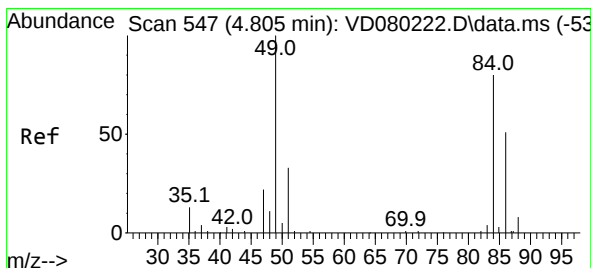
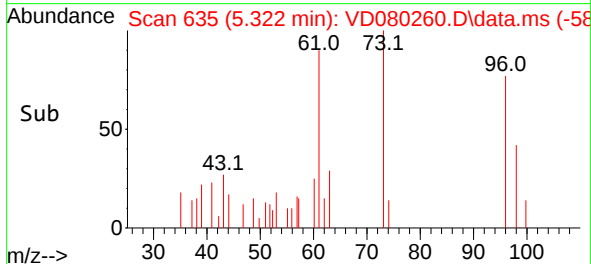
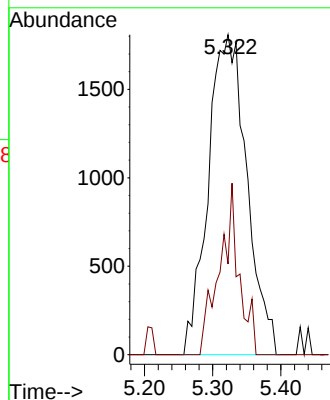
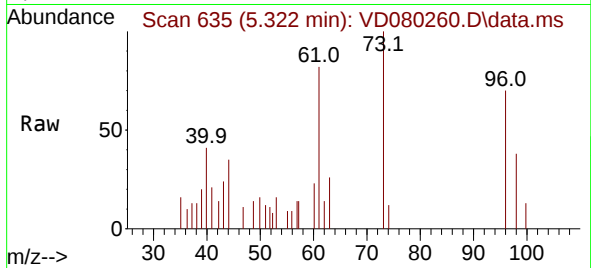
57 28.4 17.8 26.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#20

Methylene Chloride

Concen: 3.720 ug/l

RT: 4.799 min Scan# 546

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion: 84 Resp: 5140

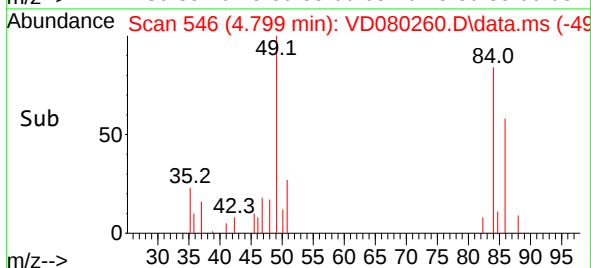
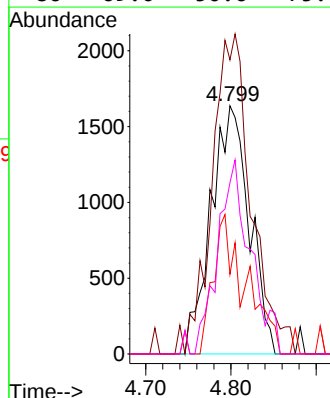
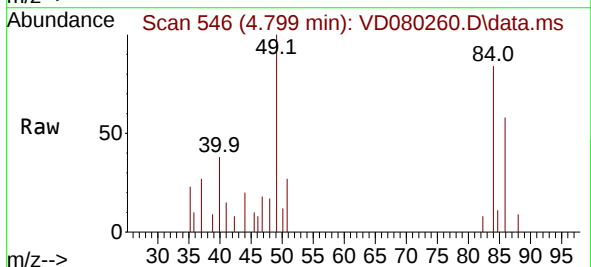
Ion Ratio Lower Upper

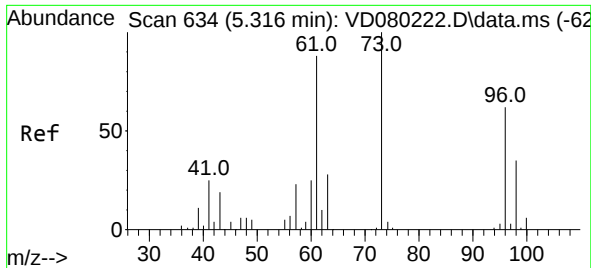
84 100

49 108.4 99.4 149.2

51 32.1 32.6 49.0

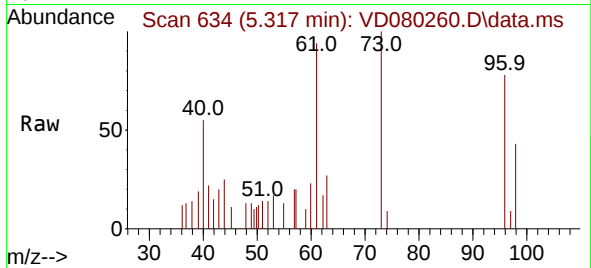
86 69.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.980 ug/l
RT: 5.317 min Scan# 611
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

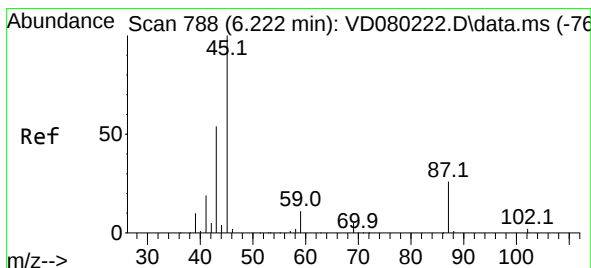
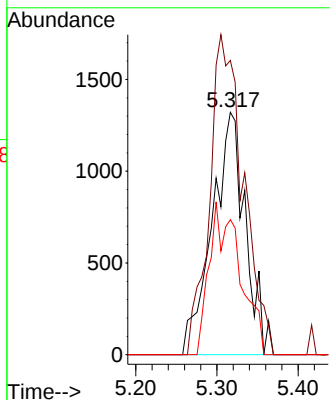
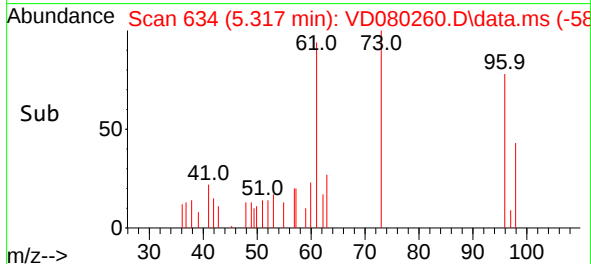
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



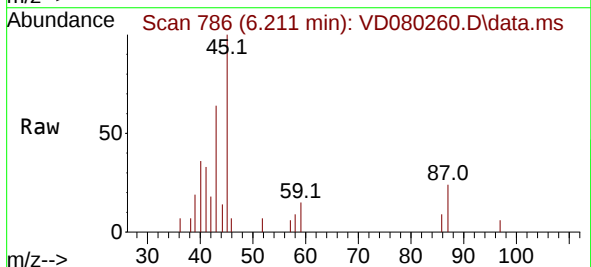
Tgt Ion: 96 Resp: 376
Ion Ratio Lower Upper
96 100
61 121.4 113.7 170.5
98 55.7 45.4 68.2

Manual Integrations
APPROVED

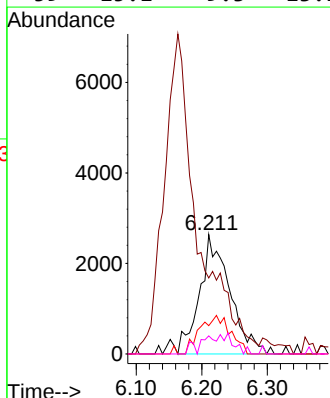
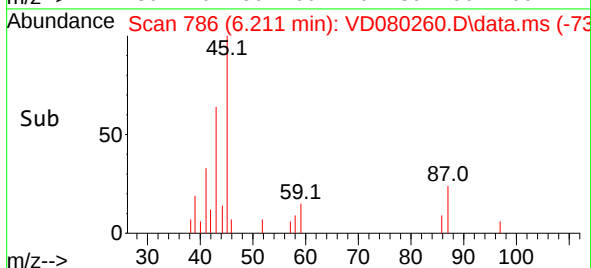
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

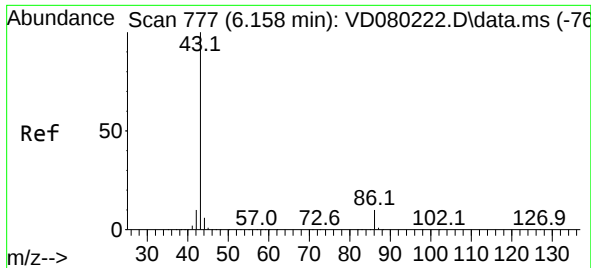


#22
Diisopropyl ether
Concen: 2.362 ug/l
RT: 6.211 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



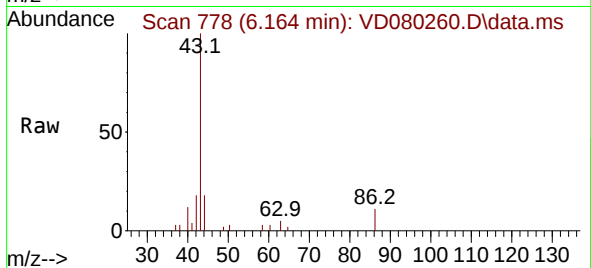
Tgt Ion: 45 Resp: 8425
Ion Ratio Lower Upper
45 100
43 55.8 44.3 66.5
87 23.8 20.5 30.7
59 15.1 9.3 13.9#





#23
 Vinyl Acetate
 Concen: 12.176 ug/l
 RT: 6.164 min Scan# 71
 Delta R.T. 0.006 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46

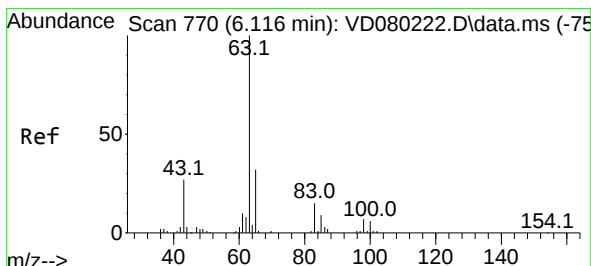
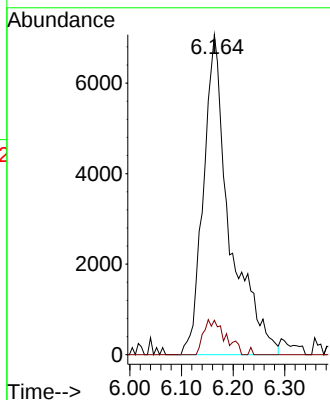
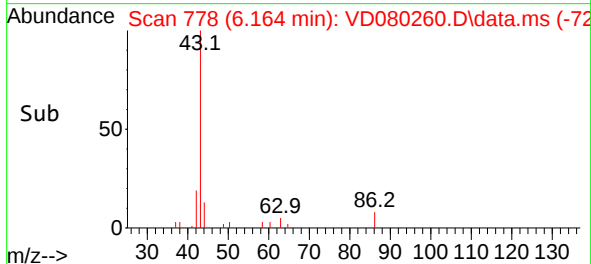
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2025



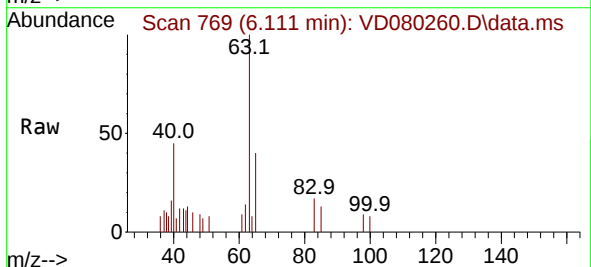
Tgt Ion: 43 Resp: 2507
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1

Manual Integrations
 APPROVED

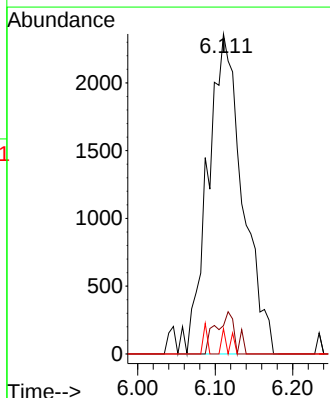
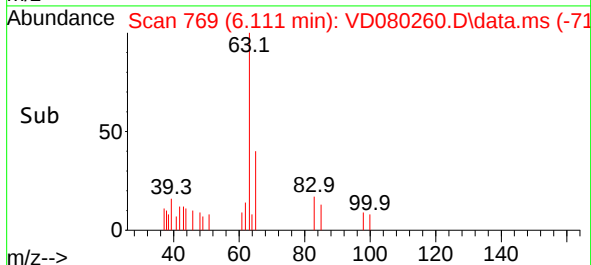
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

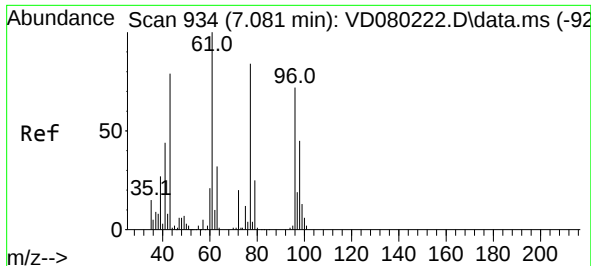


#24
 1,1-Dichloroethane
 Concen: 3.163 ug/l
 RT: 6.111 min Scan# 769
 Delta R.T. -0.006 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46



Tgt Ion: 63 Resp: 7397
 Ion Ratio Lower Upper
 63 100
 98 8.9 3.5 10.5
 100 7.9 2.8 8.4





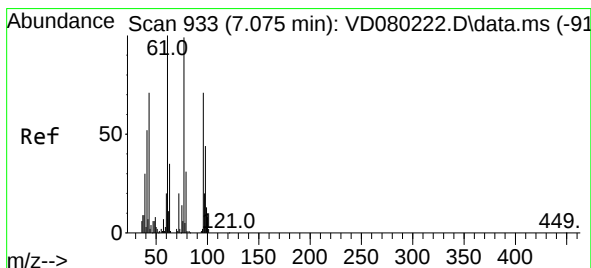
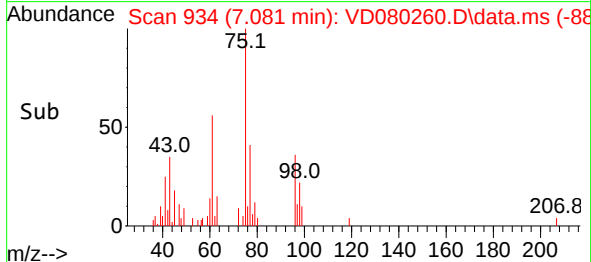
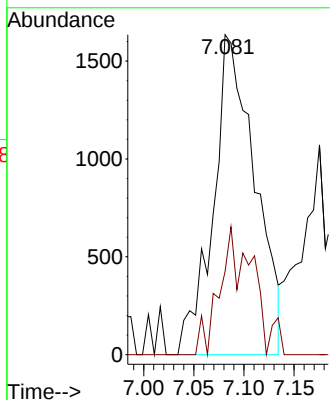
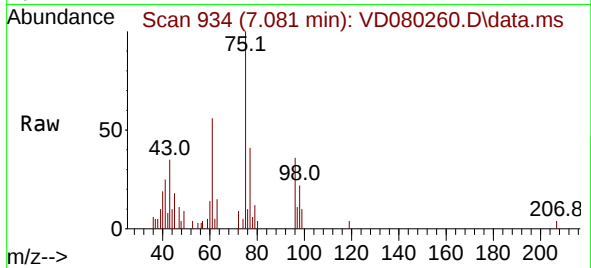
#25
2-Butanone
Concen: 15.014 ug/l
RT: 7.081 min Scan# 91
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion: 43 Resp: 474
Ion Ratio Lower Upper
43 100
72 26.0 19.9 29.9

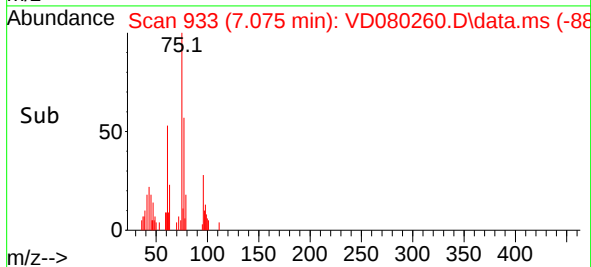
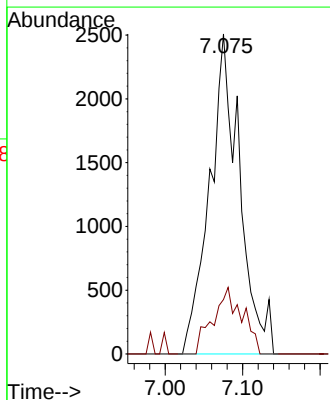
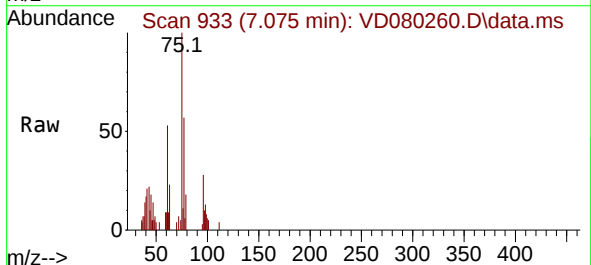
Manual Integrations
APPROVED

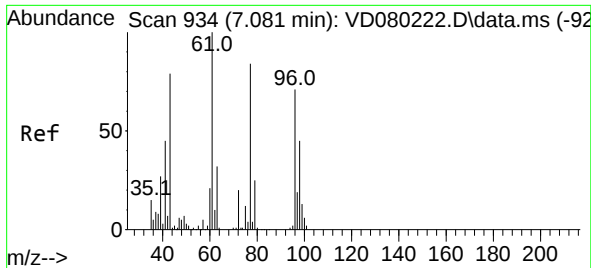
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#26
2,2-Dichloropropane
Concen: 3.330 ug/l
RT: 7.075 min Scan# 933
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

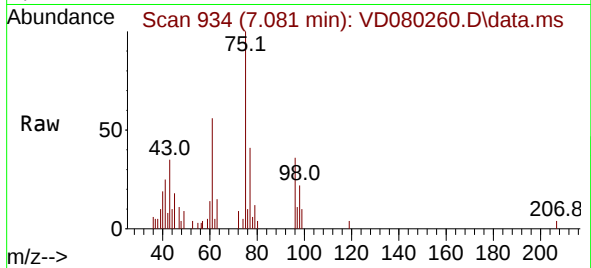
Tgt Ion: 77 Resp: 6755
Ion Ratio Lower Upper
77 100
97 20.2 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 2.866 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. 0.000 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46

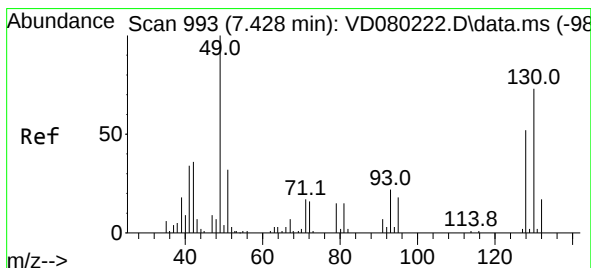
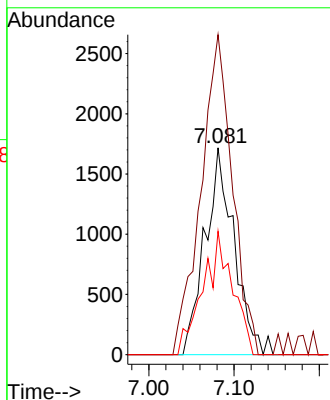
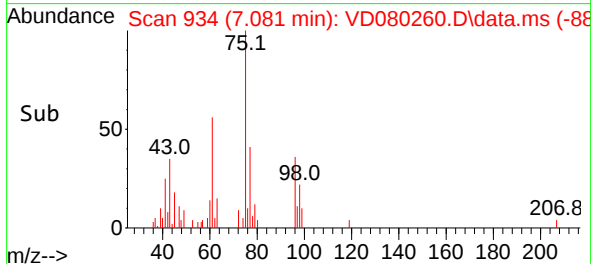
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2025



Tgt Ion: 96 Resp: 4092
 Ion Ratio Lower Upper
 96 100
 61 167.0 0.0 297.4
 98 60.7 0.0 131.0

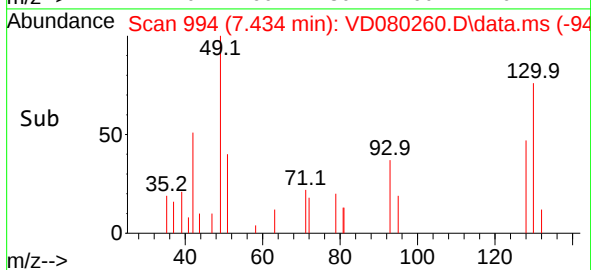
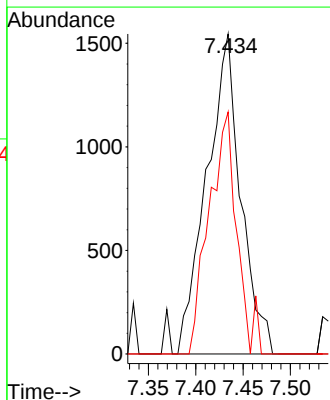
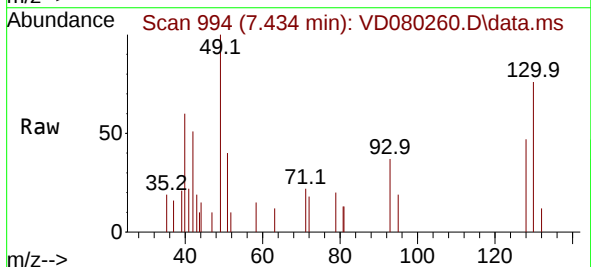
Manual Integrations
 APPROVED

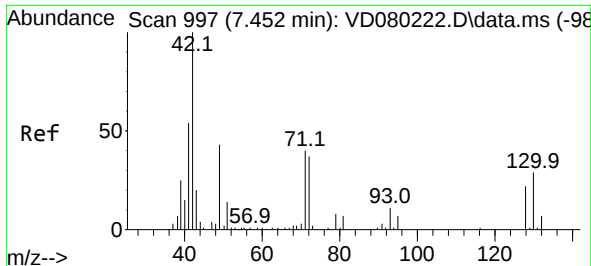
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#28
 Bromochloromethane
 Concen: 3.622 ug/l
 RT: 7.434 min Scan# 994
 Delta R.T. 0.006 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46

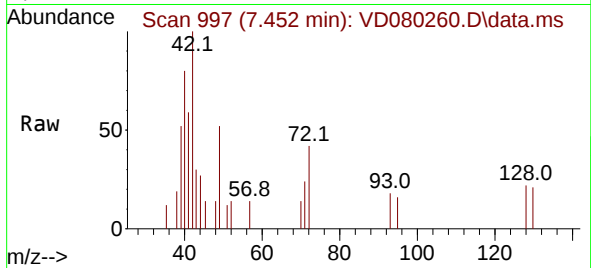
Tgt Ion: 49 Resp: 3865
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.8
 130 61.9 55.3 82.9





#29
Tetrahydrofuran
Concen: 14.701 ug/l
RT: 7.452 min Scan# 997
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

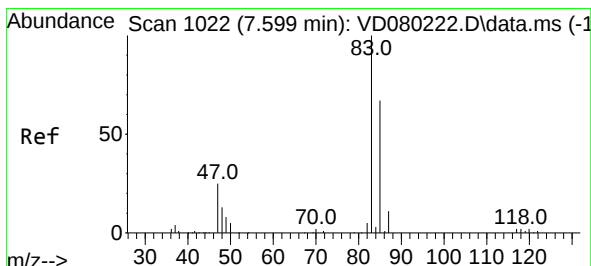
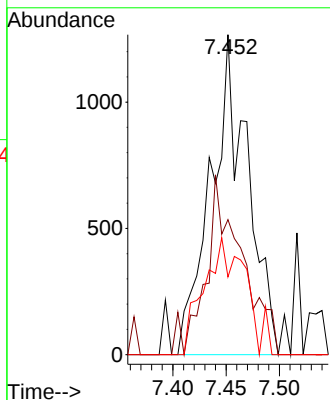
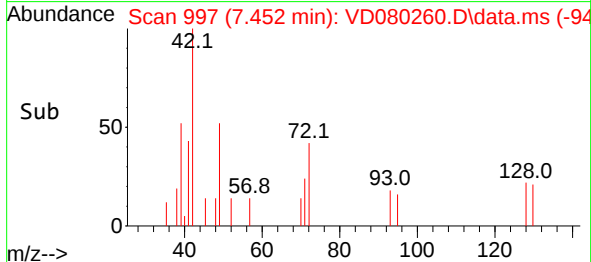
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



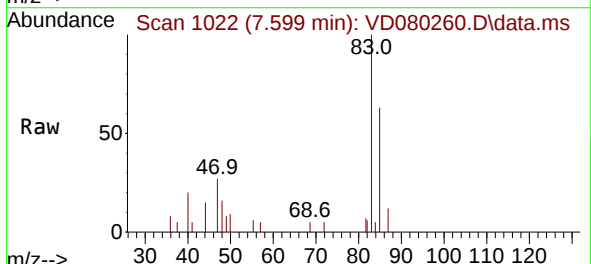
Tgt Ion: 42 Resp: 304
Ion Ratio Lower Upper
42 100
72 55.3 33.5 50.3
71 41.5 32.9 49.3

Manual Integrations
APPROVED

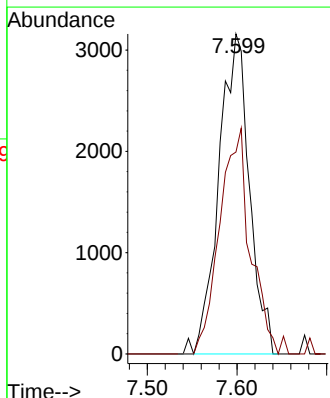
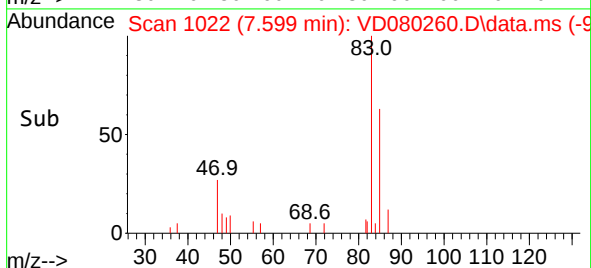
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

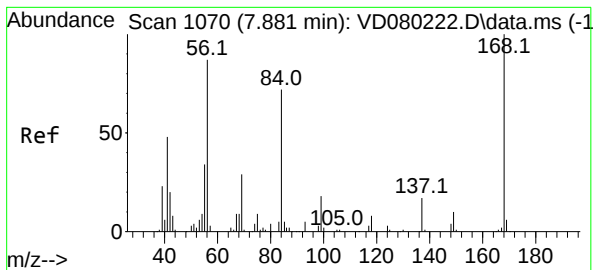


#30
Chloroform
Concen: 3.117 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion: 83 Resp: 7453
Ion Ratio Lower Upper
83 100
85 63.1 53.7 80.5





#31

Cyclohexane

Concen: 3.950 ug/l

RT: 7.881 min Scan# 1070

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

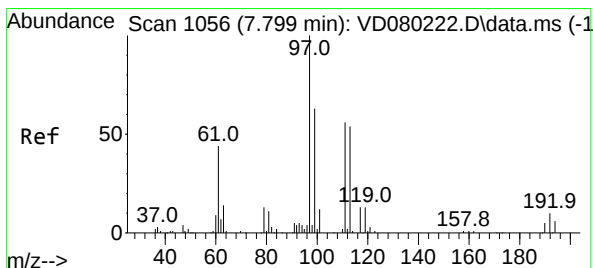
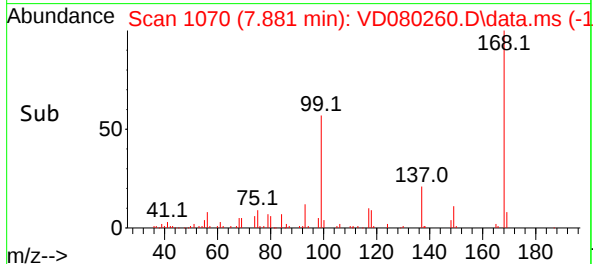
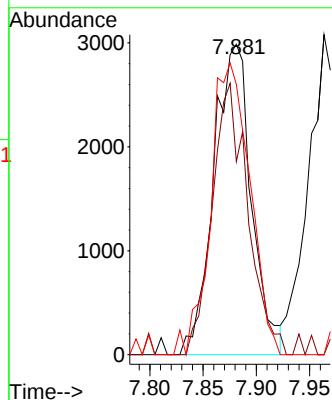
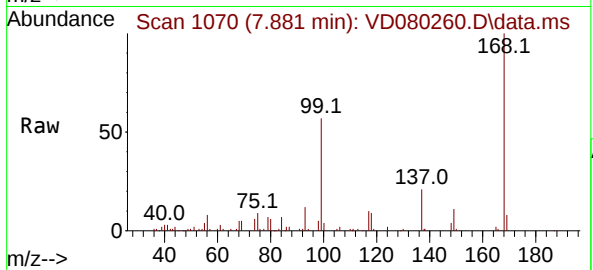
Tgt Ion: 56 Resp: 7394

Ion	Ratio	Lower	Upper
56	100		
69	62.3	27.0	40.4
84	87.1	66.3	99.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#32

1,1,1-Trichloroethane

Concen: 3.225 ug/l

RT: 7.799 min Scan# 1056

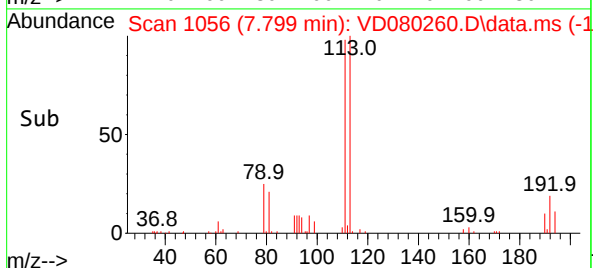
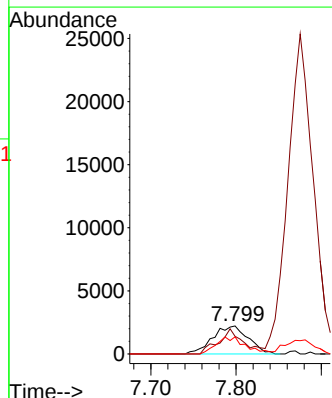
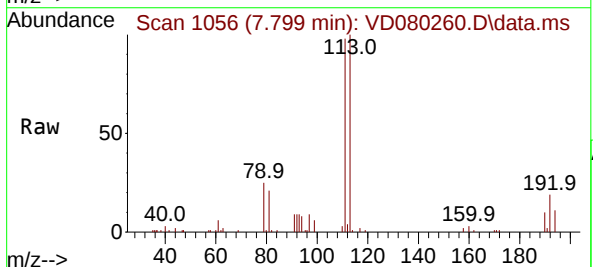
Delta R.T. 0.000 min

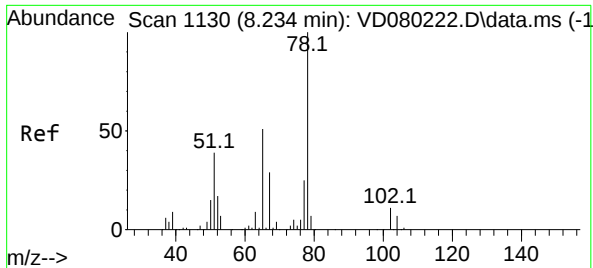
Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion: 97 Resp: 6450

Ion	Ratio	Lower	Upper
97	100		
99	61.4	51.3	76.9
61	49.5	37.4	56.0





#33

1,2-Dichloroethane-d4

Concen: 54.931 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 65 Resp: 6940

Ion Ratio Lower Upper

65 100

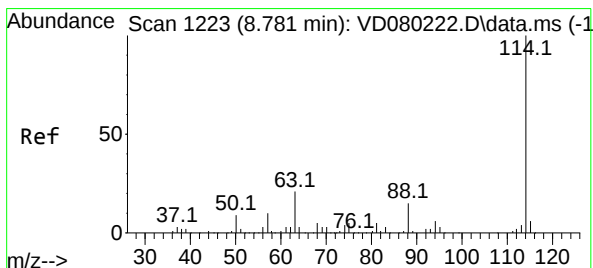
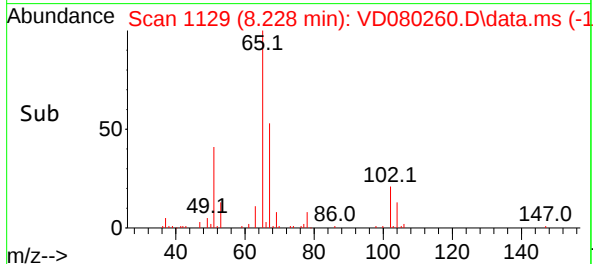
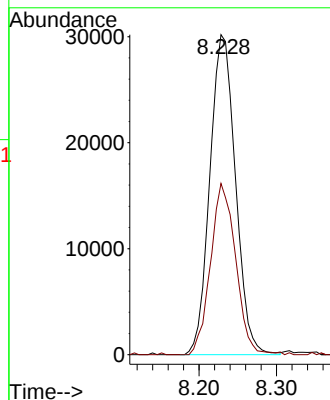
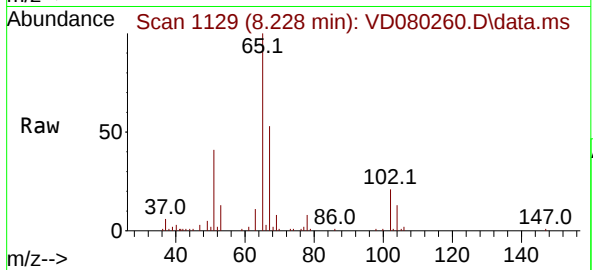
67 52.6 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.775 min Scan# 1222

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

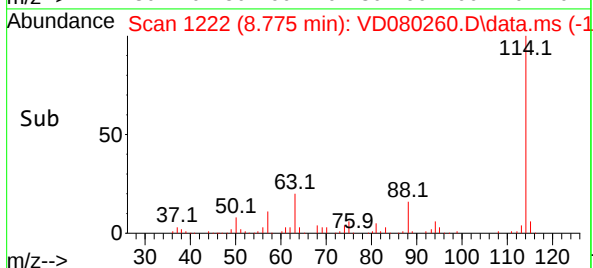
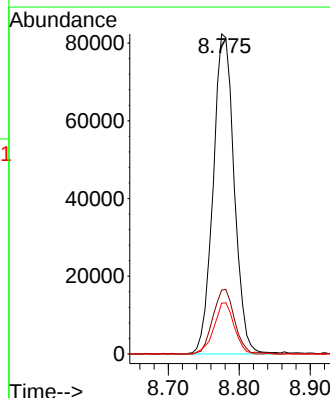
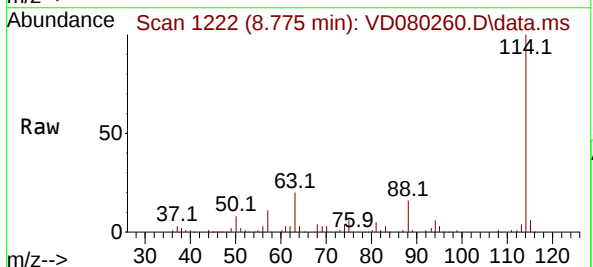
Tgt Ion:114 Resp: 169425

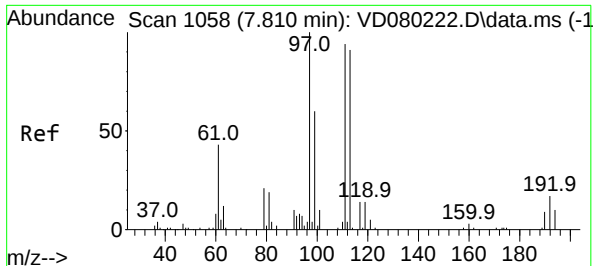
Ion Ratio Lower Upper

114 100

63 19.9 0.0 41.8

88 15.9 0.0 30.4





#35

Dibromofluoromethane

Concen: 53.078 ug/l

RT: 7.805 min Scan# 1091

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

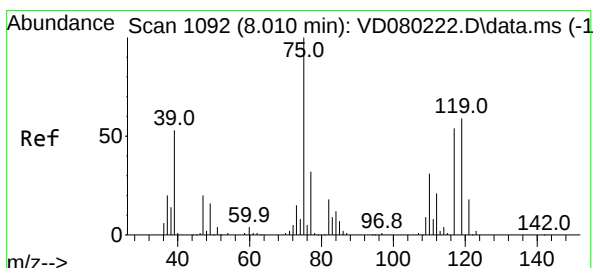
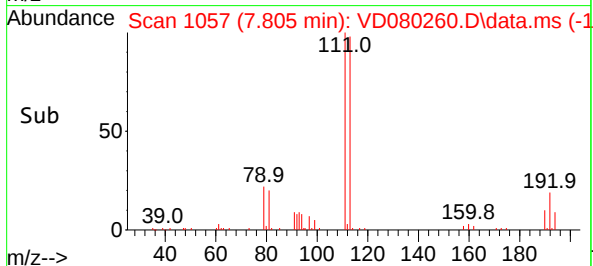
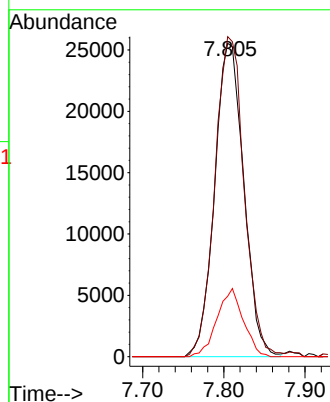
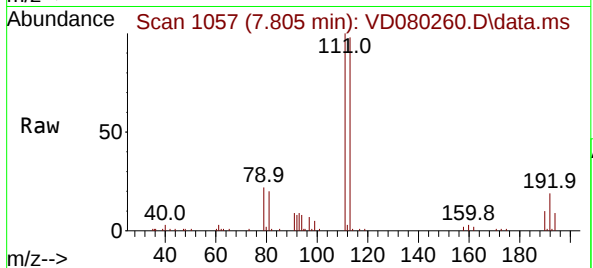
MDL-SOIL-03-QT1-2025

Tgt Ion:	113	Resp:	63734
Ion	Ratio	Lower	Upper
113	100		
111	102.5	85.0	127.4
192	19.7	15.5	23.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#36

1,1-Dichloropropene

Concen: 2.911 ug/l

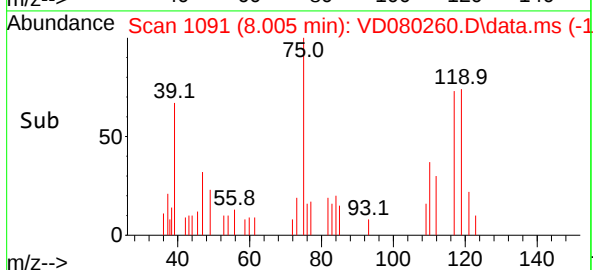
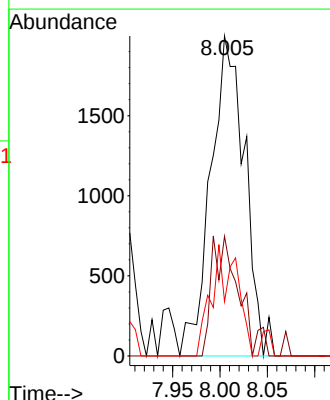
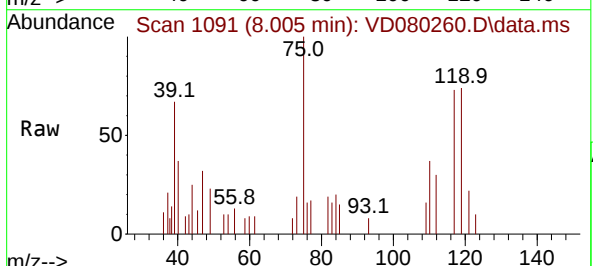
RT: 8.005 min Scan# 1091

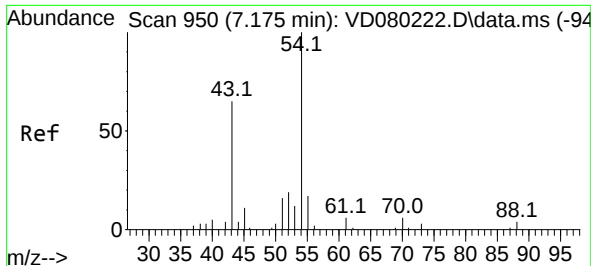
Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion:	75	Resp:	5006
Ion	Ratio	Lower	Upper
75	100		
110	29.8	17.1	51.2
77	13.6	25.6	38.4#





#37

Ethyl Acetate

Concen: 3.494 ug/l

RT: 7.175 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

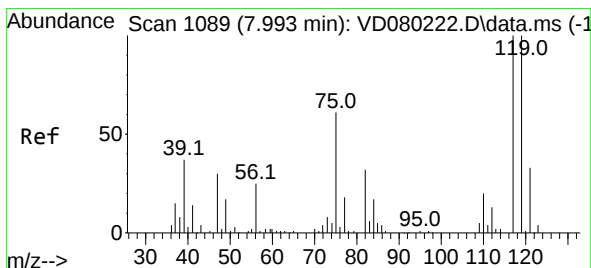
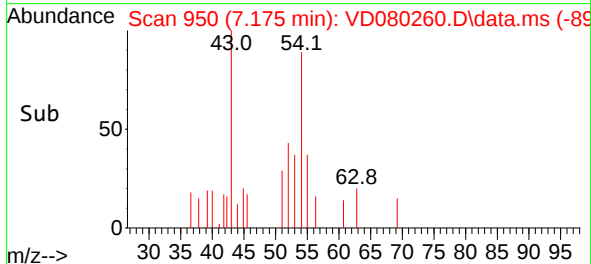
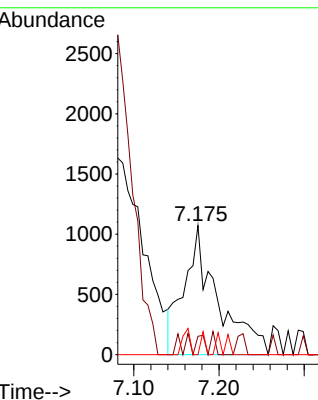
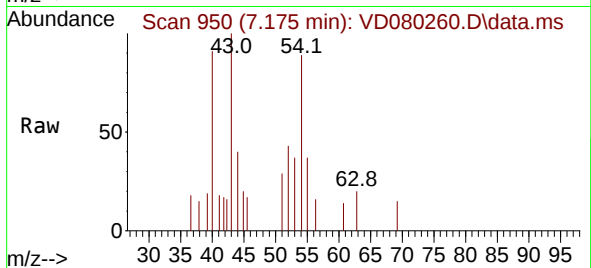
MDL-SOIL-03-QT1-2025

Tgt Ion: 43	Resp: 294
Ion Ratio	Lower Upper
43 100	
61 0.0	11.4 17.0
70 2.3	8.2 12.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#38

Carbon Tetrachloride

Concen: 2.914 ug/l

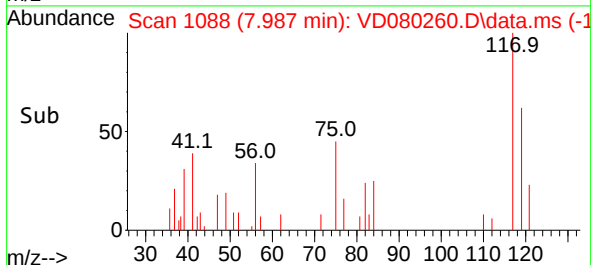
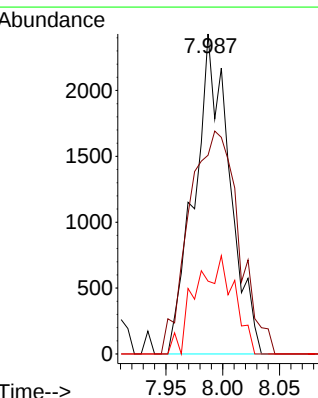
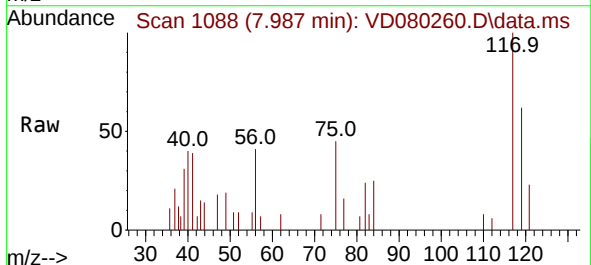
RT: 7.987 min Scan# 1088

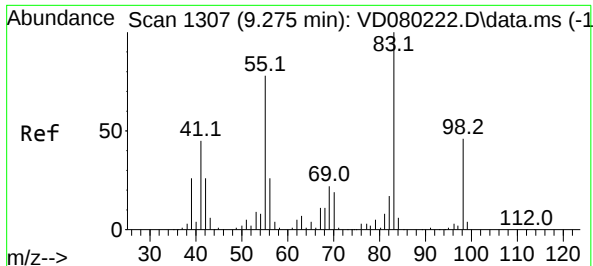
Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion:117	Resp: 5235
Ion Ratio	Lower Upper
117 100	
119 54.3	79.8 119.6
121 22.7	26.6 39.8





#39

Methylcyclohexane

Concen: 2.434 ug/l

RT: 9.281 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

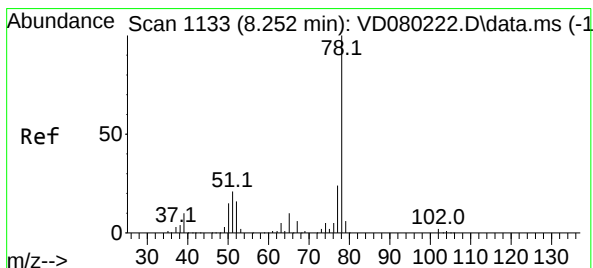
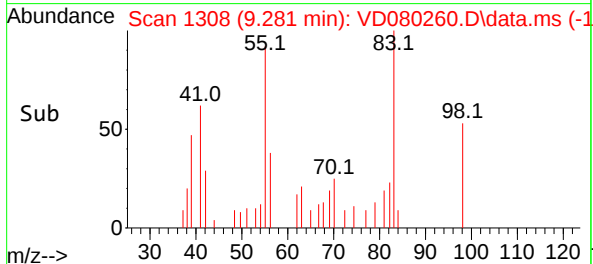
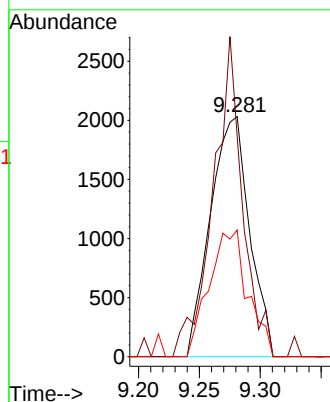
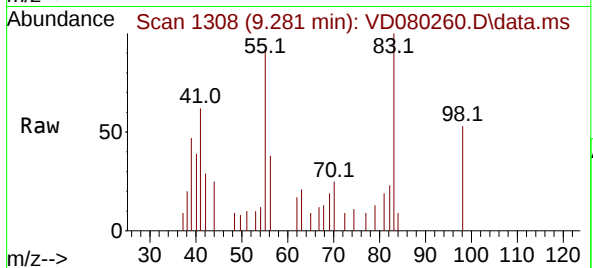
Tgt Ion: 83 Resp: 454

Ion	Ratio	Lower	Upper
83	100		
55	91.8	62.5	93.7
98	52.7	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#40

Benzene

Concen: 2.817 ug/l

RT: 8.258 min Scan# 1134

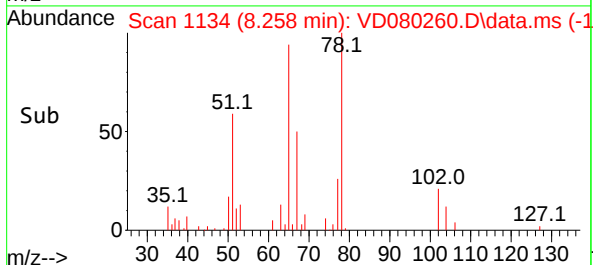
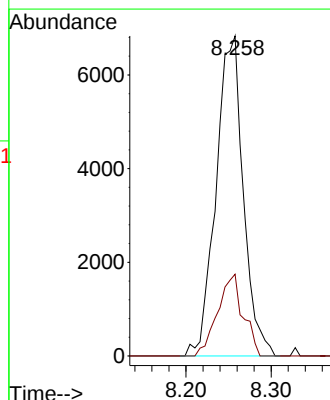
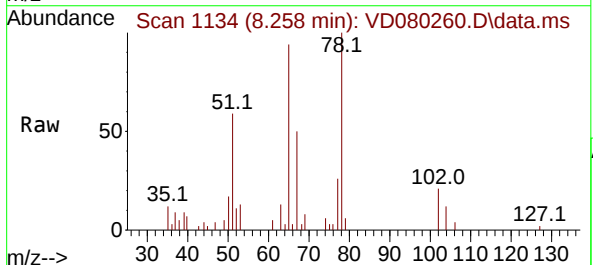
Delta R.T. 0.006 min

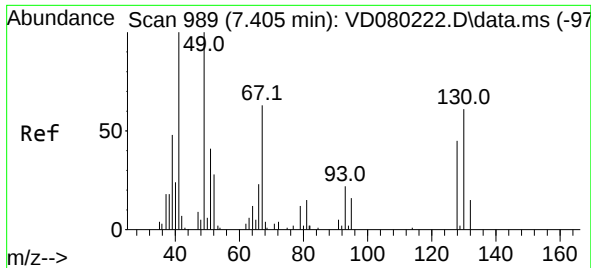
Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion: 78 Resp: 15188

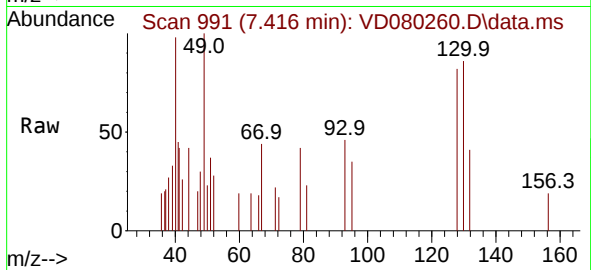
Ion	Ratio	Lower	Upper
78	100		
77	25.6	19.2	28.8





#41
Methacrylonitrile
Concen: 3.824 ug/l
RT: 7.416 min Scan# 991
Delta R.T. 0.012 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

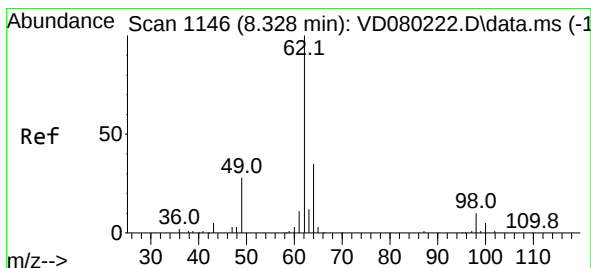
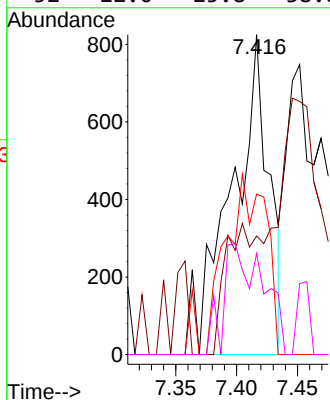
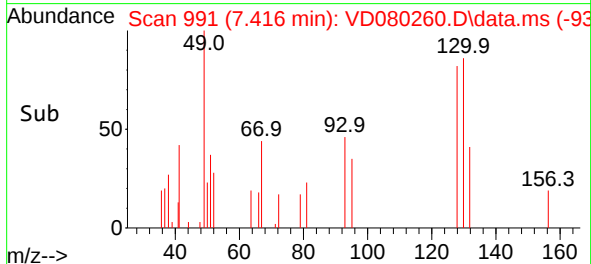
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



Tgt Ion: 41 Resp: 1779
Ion Ratio Lower Upper
41 100
39 39.2 44.7 67.1
67 59.3 55.0 82.4
52 22.0 25.8 38.8#

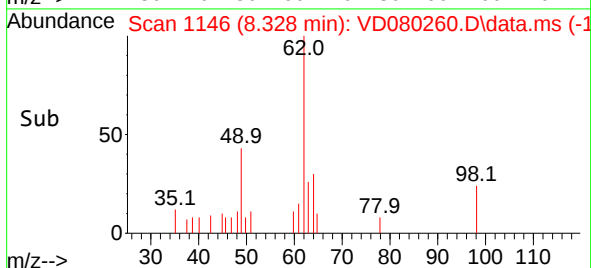
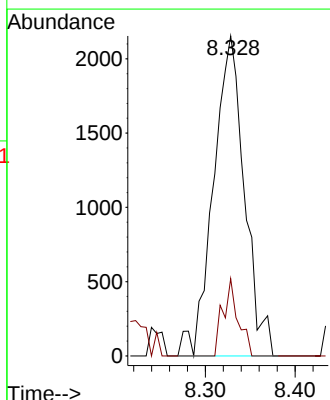
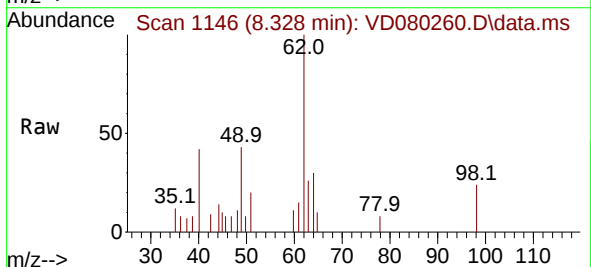
Manual Integrations
APPROVED

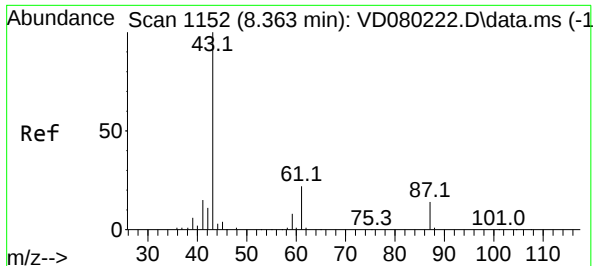
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#42
1,2-Dichloroethane
Concen: 3.377 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

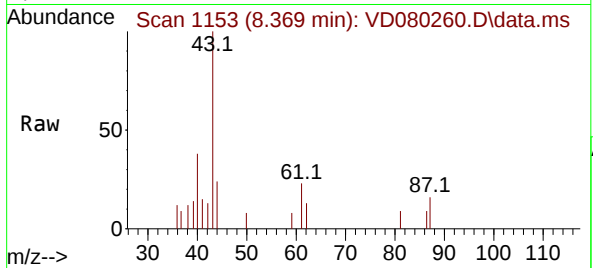
Tgt Ion: 62 Resp: 5180
Ion Ratio Lower Upper
62 100
98 11.8 0.0 18.4





#43
Isopropyl Acetate
Concen: 3.138 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

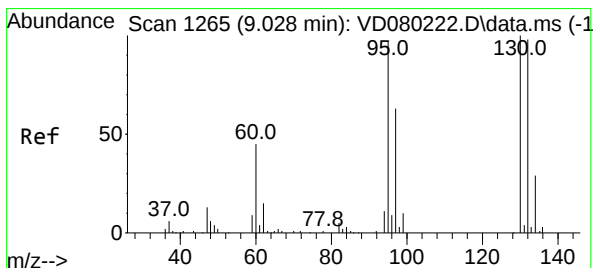
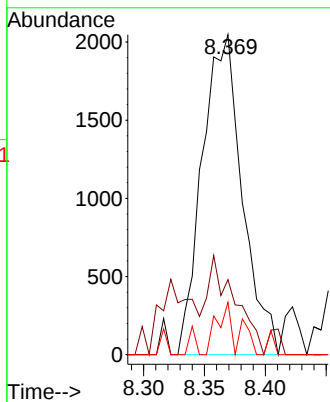
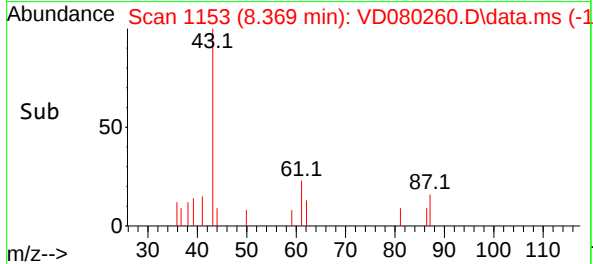
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025



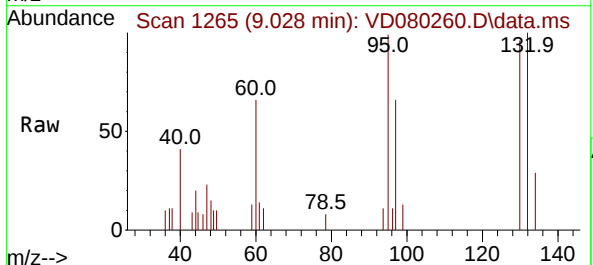
Tgt Ion: 43 Resp: 469
Ion Ratio Lower Upper
43 100
61 21.5 25.0 37.4
87 5.7 10.7 16.1

Manual Integrations
APPROVED

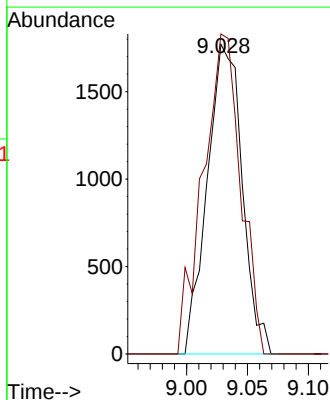
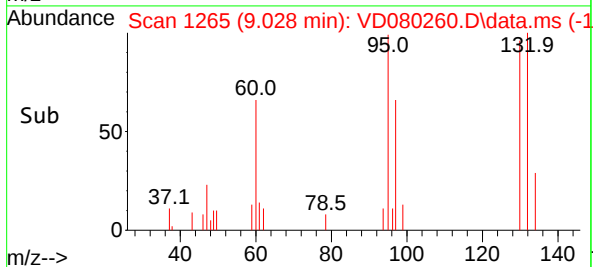
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

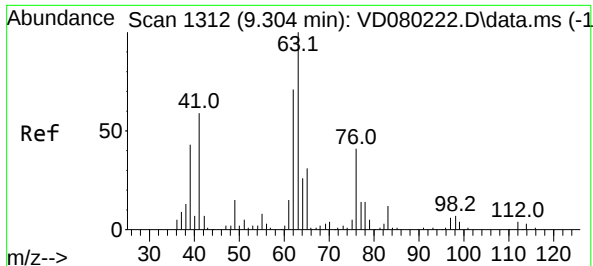


#44
Trichloroethene
Concen: 2.841 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion:130 Resp: 3538
Ion Ratio Lower Upper
130 100
95 103.3 0.0 194.2





#45

1,2-Dichloropropane

Concen: 3.105 ug/l

RT: 9.305 min Scan# 1312

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion: 63 Resp: 4210

Ion Ratio Lower Upper

63 100

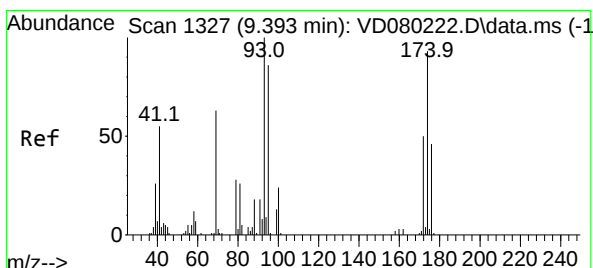
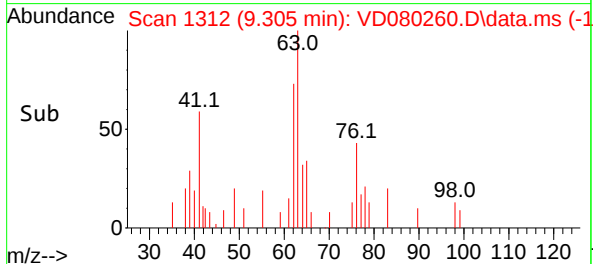
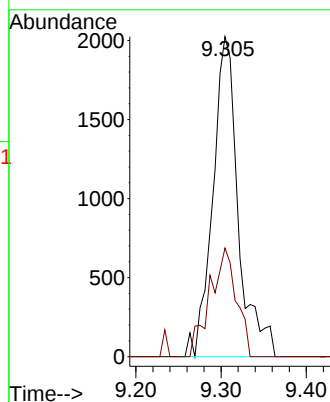
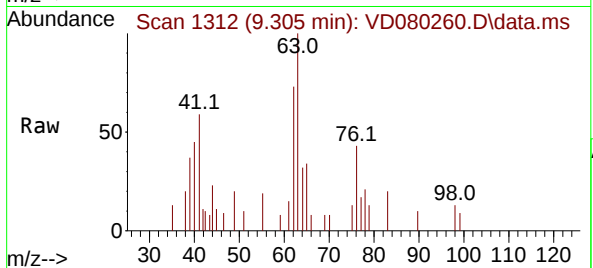
65 33.9 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#46

Dibromomethane

Concen: 3.285 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

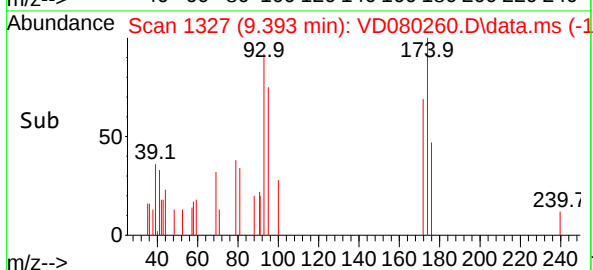
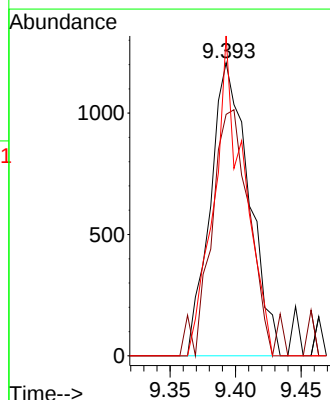
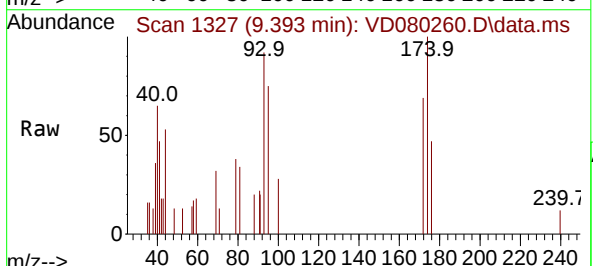
Tgt Ion: 93 Resp: 2482

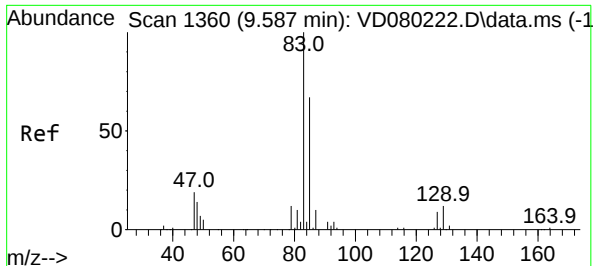
Ion Ratio Lower Upper

93 100

95 81.0 66.8 100.2

174 85.1 76.8 115.2





#47

Bromodichloromethane

Concen: 3.202 ug/l

RT: 9.581 min Scan# 1359

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

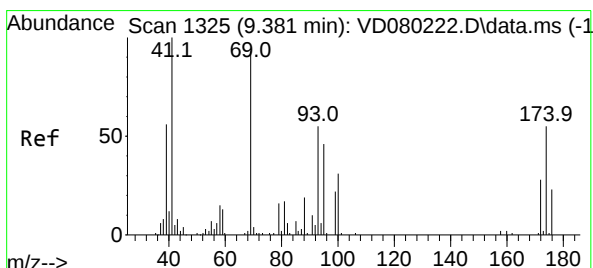
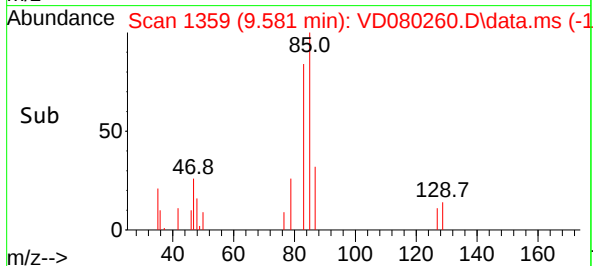
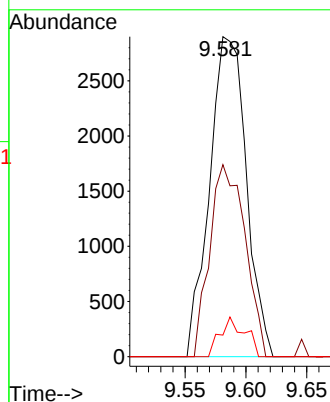
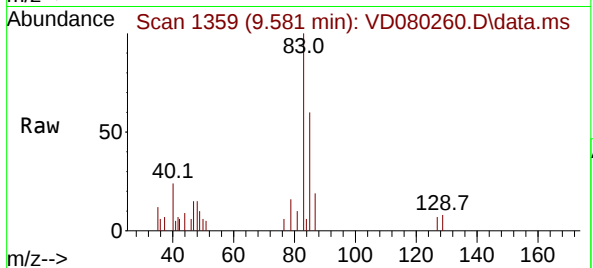
Tgt Ion: 83 Resp: 6100

Ion	Ratio	Lower	Upper
83	100		
85	60.0	53.6	80.4
127	6.8	7.4	11.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#48

Methyl methacrylate

Concen: 2.752 ug/l

RT: 9.381 min Scan# 1325

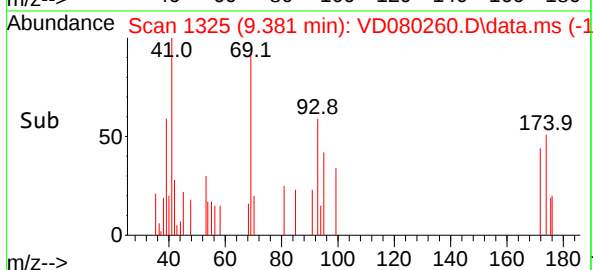
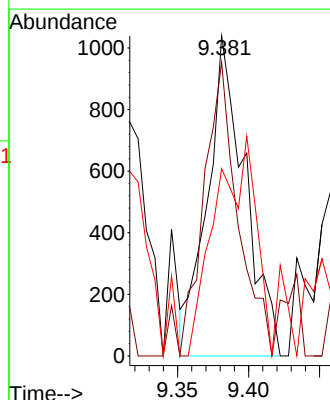
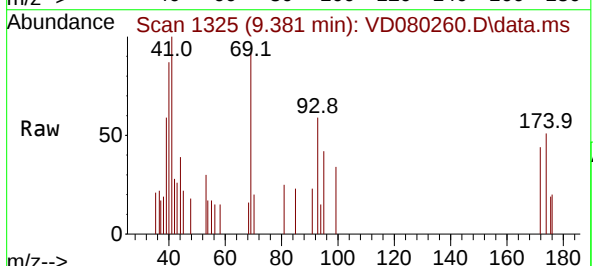
Delta R.T. 0.000 min

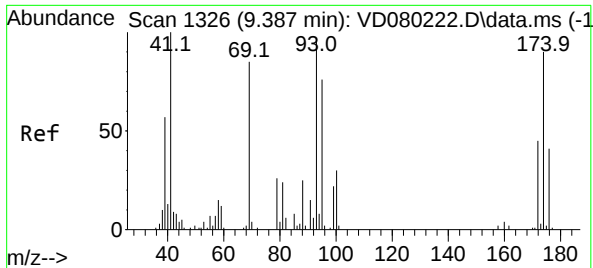
Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion: 41 Resp: 1906

Ion	Ratio	Lower	Upper
41	100		
69	85.9	73.7	110.5
39	47.3	49.4	74.2





#49

1,4-Dioxane

Concen: 44.413 ug/l

RT: 9.387 min Scan# 1326

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2025

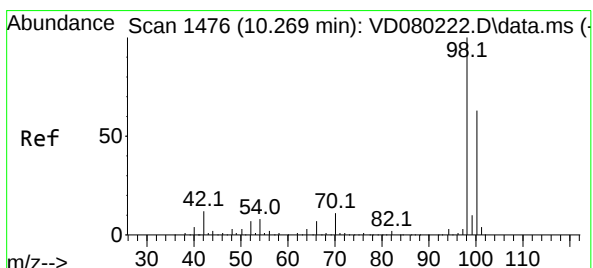
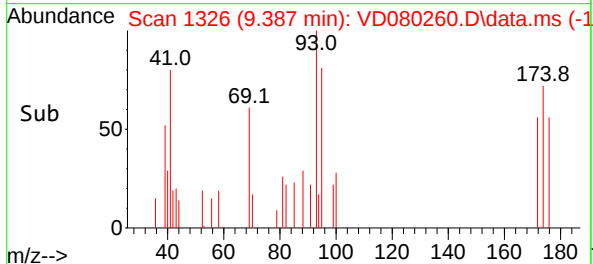
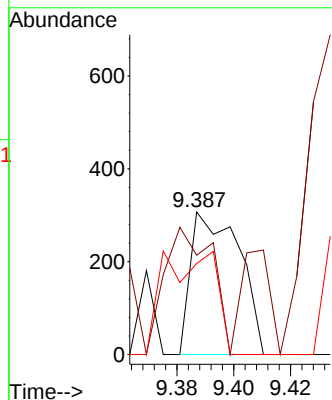
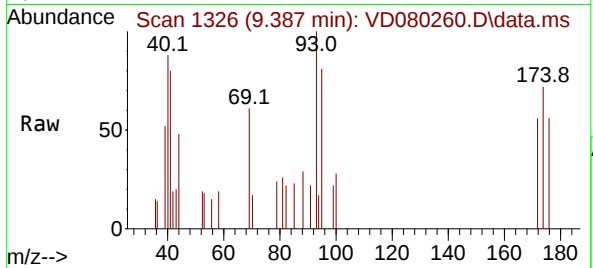
Tgt Ion: 88 Resp: 365

Ion	Ratio	Lower	Upper
88	100		
43	87.1	28.5	42.7
58	77.0	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#50

Toluene-d8

Concen: 47.680 ug/l

RT: 10.269 min Scan# 1476

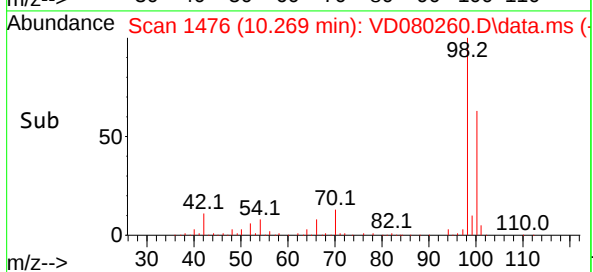
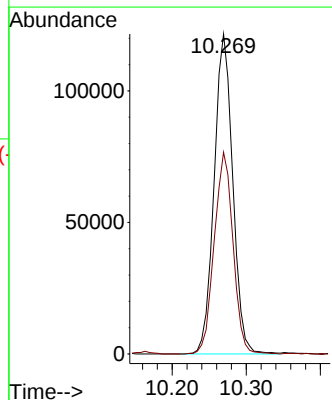
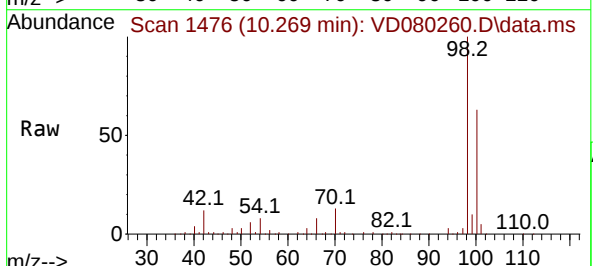
Delta R.T. 0.000 min

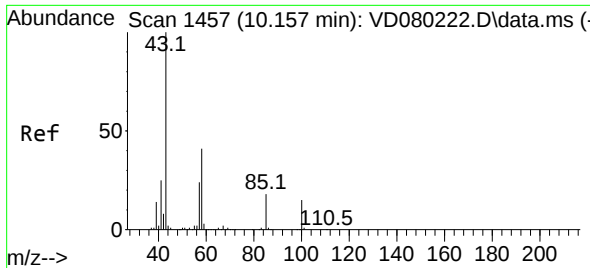
Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion: 98 Resp: 212318

Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.4





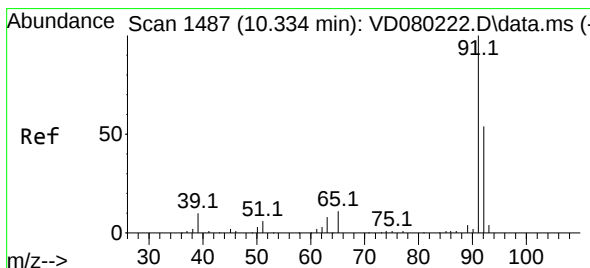
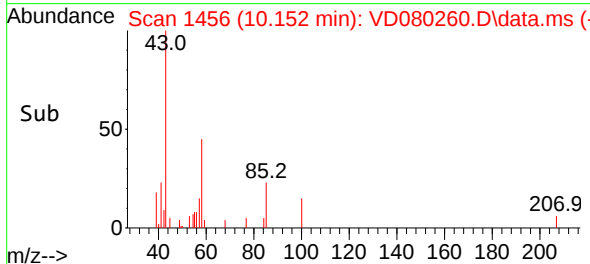
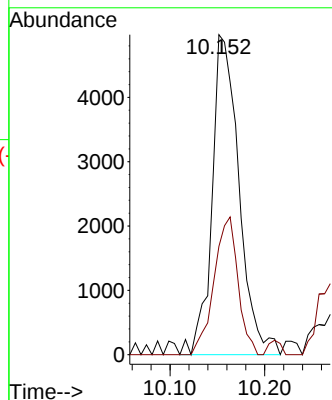
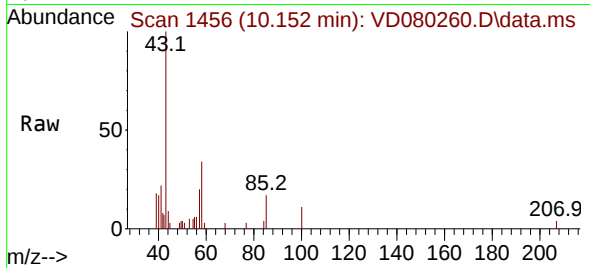
#51
4-Methyl-2-Pentanone
Concen: 13.023 ug/l
RT: 10.152 min Scan# 1456
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion: 43 Resp: 9850
Ion Ratio Lower Upper
43 100
58 38.2 31.1 46.7

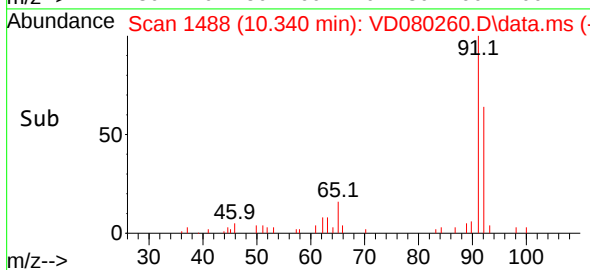
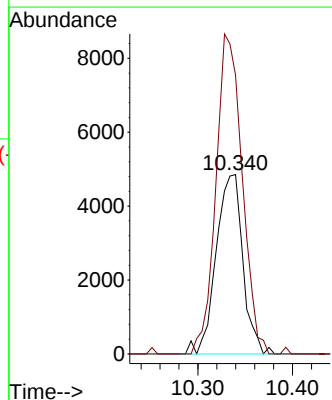
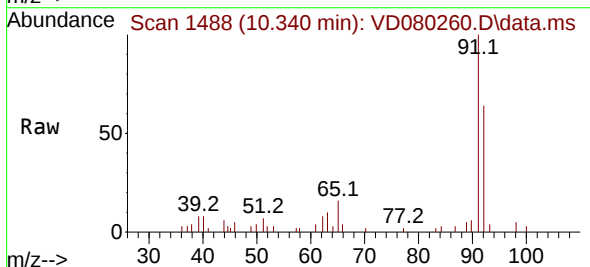
Manual Integrations
APPROVED

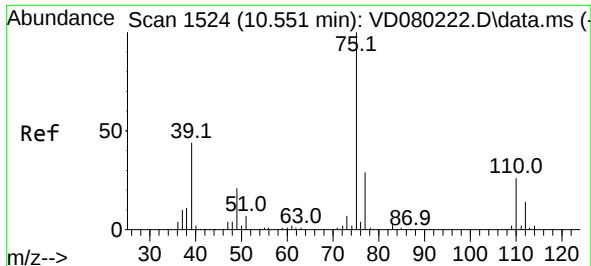
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#52
Toluene
Concen: 3.016 ug/l
RT: 10.340 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

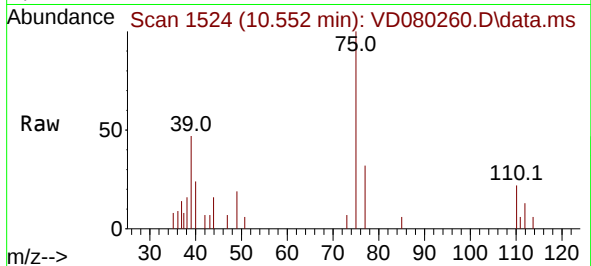
Tgt Ion: 92 Resp: 9510
Ion Ratio Lower Upper
92 100
91 175.6 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 2.843 ug/l
RT: 10.552 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

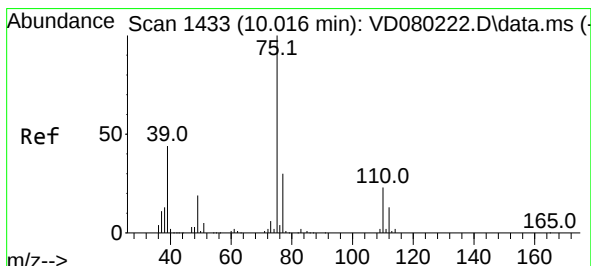
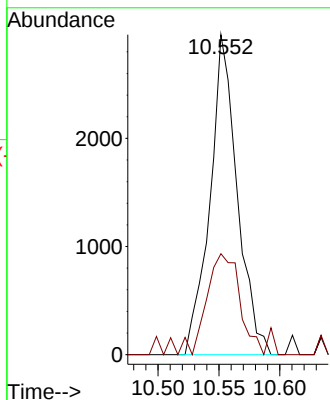
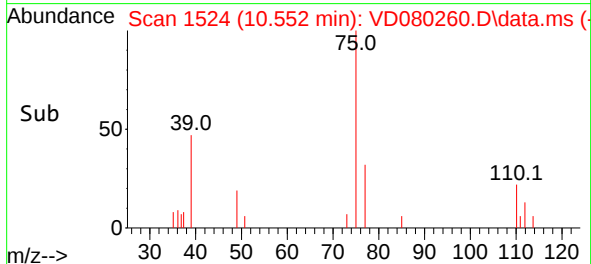
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



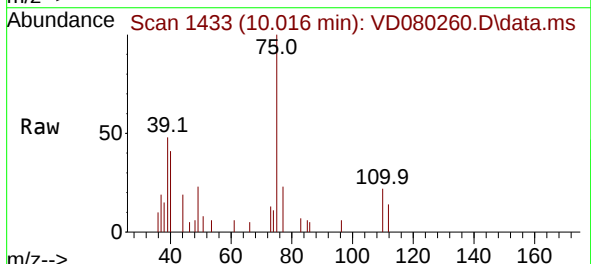
Tgt Ion: 75 Resp: 461
Ion Ratio Lower Upper
75 100
77 31.6 23.0 34.4

Manual Integrations
APPROVED

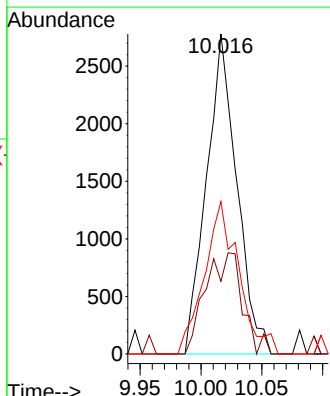
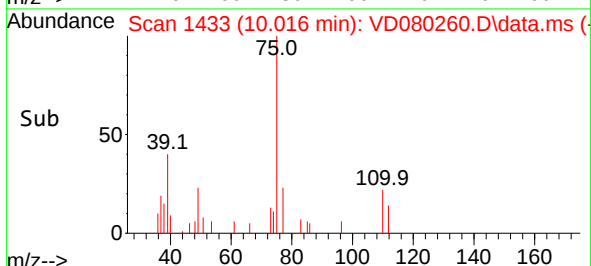
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

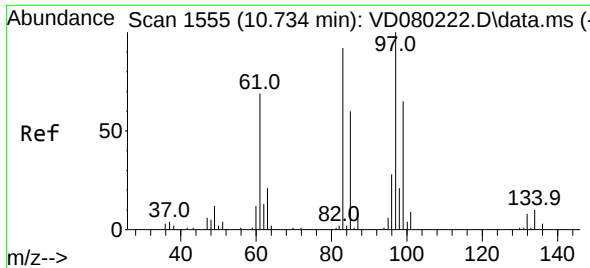


#54
cis-1,3-Dichloropropene
Concen: 2.438 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



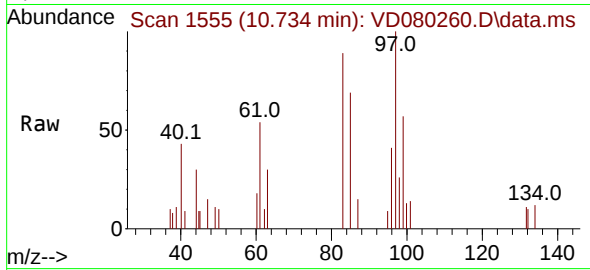
Tgt Ion: 75 Resp: 4817
Ion Ratio Lower Upper
75 100
77 22.7 24.1 36.1#
39 47.7 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 3.139 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

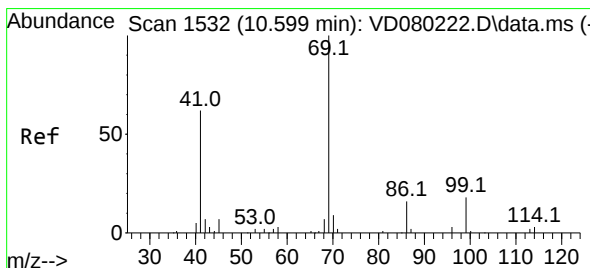
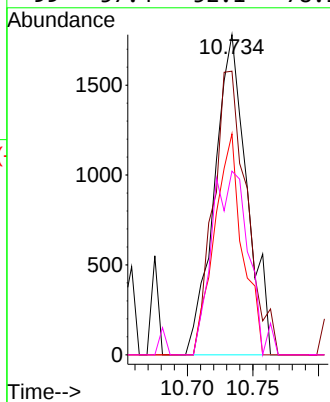
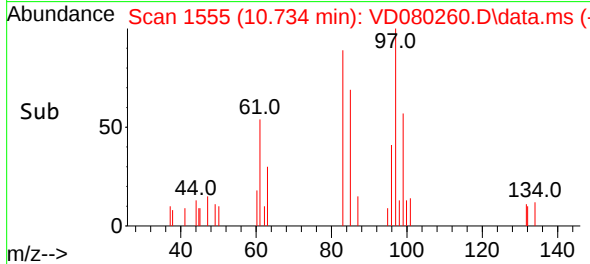
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025



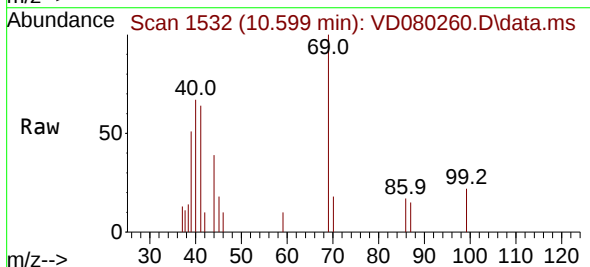
Tgt Ion	Ratio	Lower	Upper
97	100		
83	88.6	73.9	110.9
85	69.0	48.2	72.2
99	57.4	52.1	78.1

Manual Integrations
APPROVED

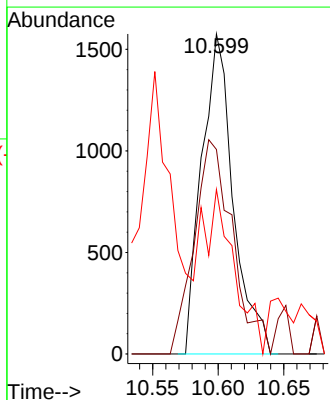
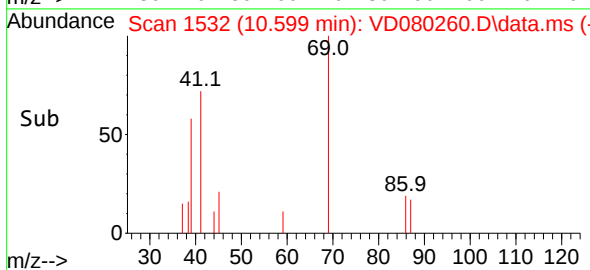
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

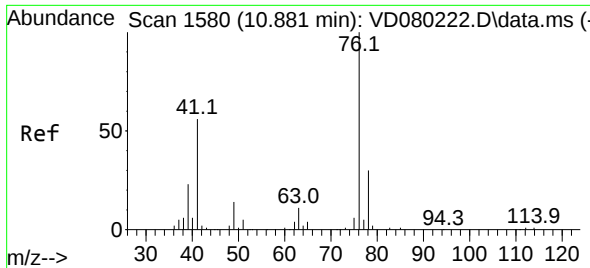


#56
Ethyl methacrylate
Concen: 2.362 ug/l
RT: 10.599 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



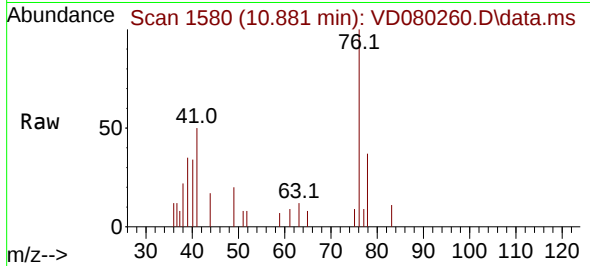
Tgt Ion	Ratio	Lower	Upper
69	100		
41	81.3	51.8	77.6#
39	50.9	28.7	43.1#





#57
1,3-Dichloropropane
Concen: 2.777 ug/l
RT: 10.881 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

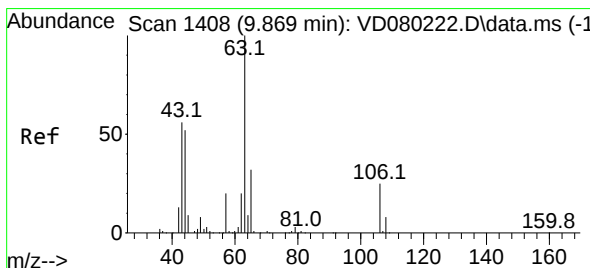
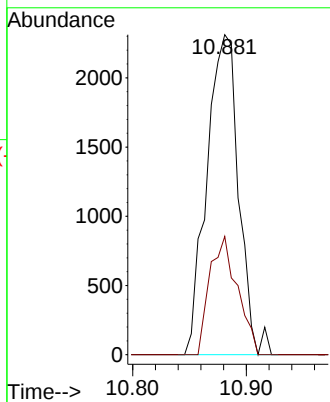
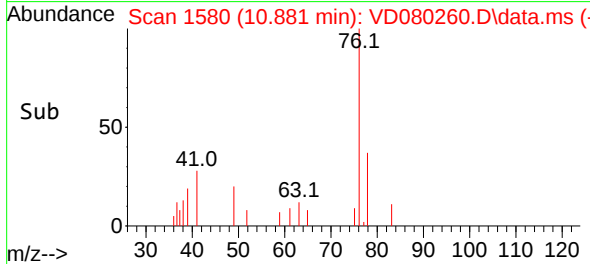
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



Tgt Ion: 76 Resp: 4509
Ion Ratio Lower Upper
76 100
78 32.0 25.0 37.4

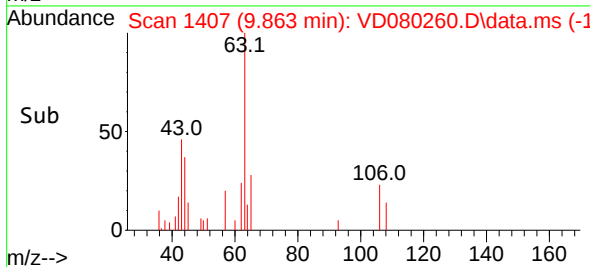
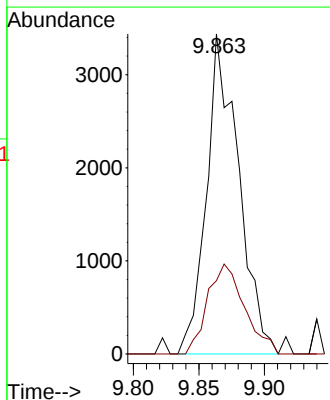
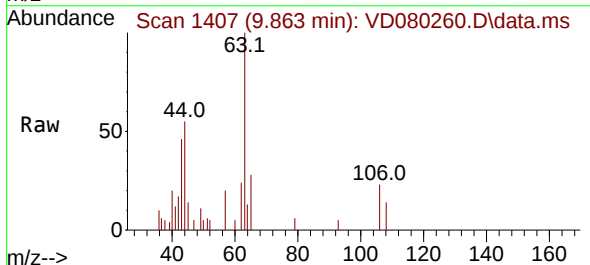
Manual Integrations
APPROVED

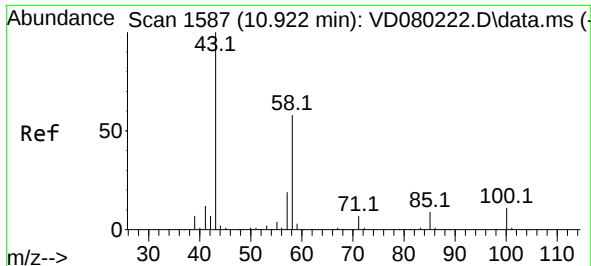
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#58
2-Chloroethyl Vinyl ether
Concen: 12.235 ug/l
RT: 9.863 min Scan# 1407
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

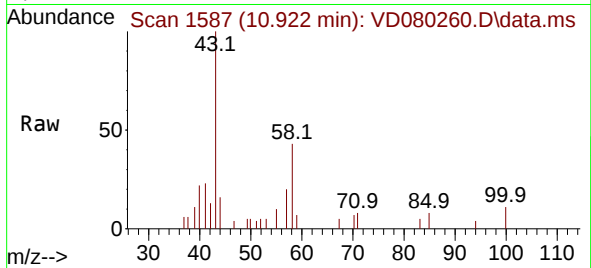
Tgt Ion: 63 Resp: 5849
Ion Ratio Lower Upper
63 100
106 32.3 20.6 30.8#





#59
2-Hexanone
Concen: 13.632 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

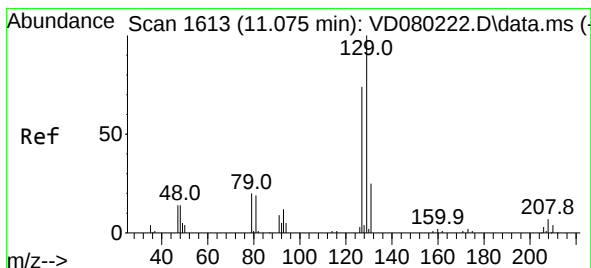
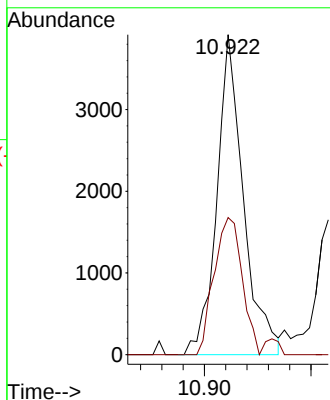
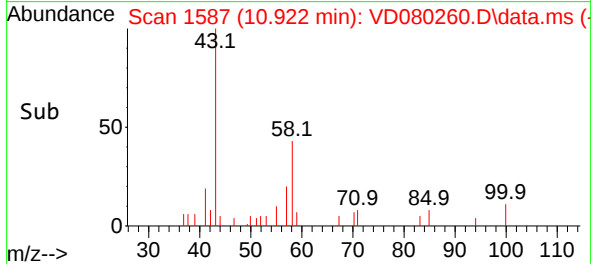
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



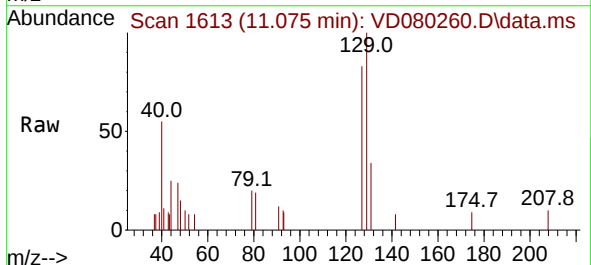
Tgt Ion: 43 Resp: 6770
Ion Ratio Lower Upper
43 100
58 45.4 27.4 82.2

Manual Integrations
APPROVED

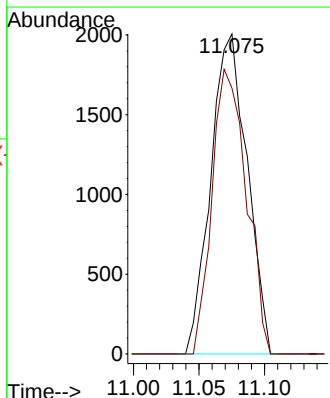
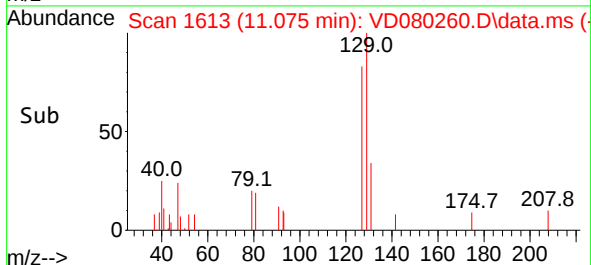
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

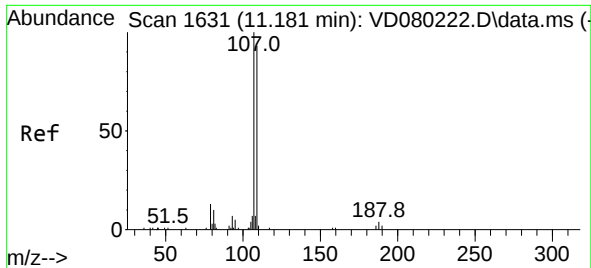


#60
Dibromochloromethane
Concen: 3.208 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion:129 Resp: 3881
Ion Ratio Lower Upper
129 100
127 83.8 38.1 114.5





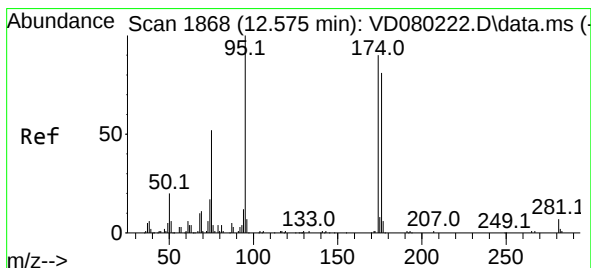
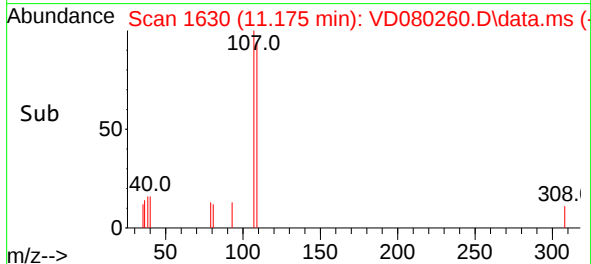
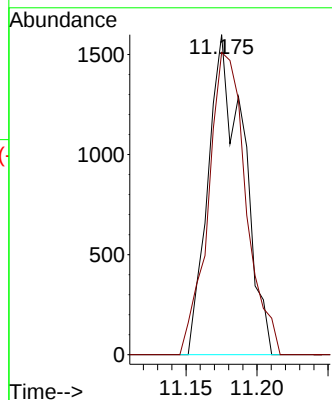
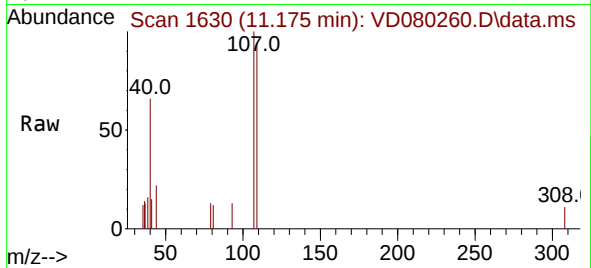
#61
1,2-Dibromoethane
Concen: 3.103 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025

Tgt Ion:107 Resp: 2774
Ion Ratio Lower Upper
107 100
109 100.5 75.1 112.7

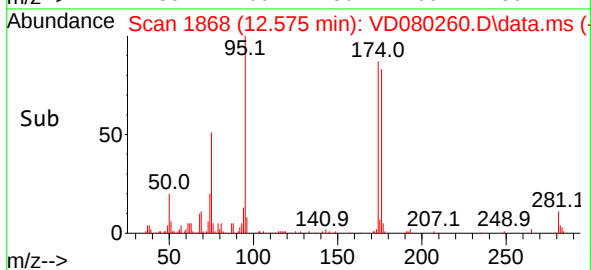
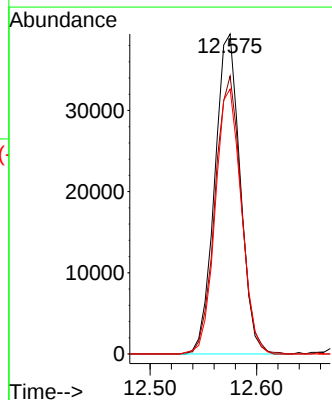
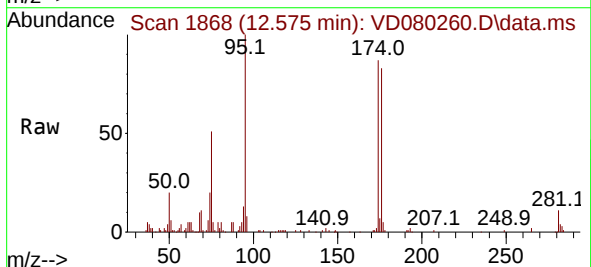
Manual Integrations
APPROVED

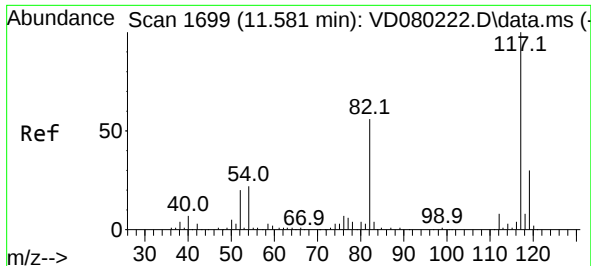
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#62
4-Bromofluorobenzene
Concen: 45.702 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

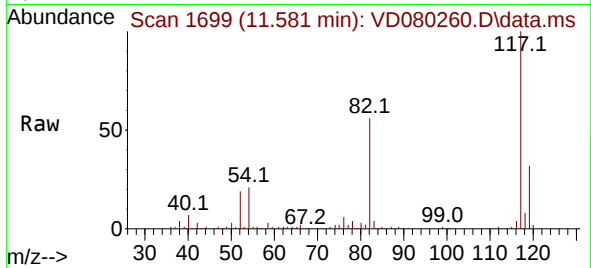
Tgt Ion: 95 Resp: 65298
Ion Ratio Lower Upper
95 100
174 89.0 0.0 171.8
176 84.8 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

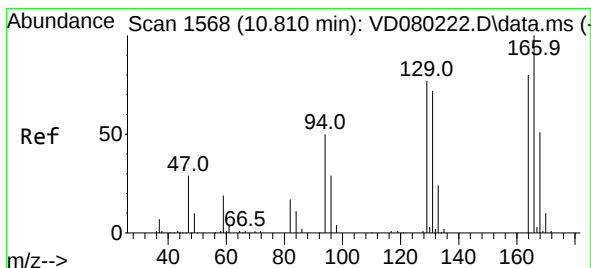
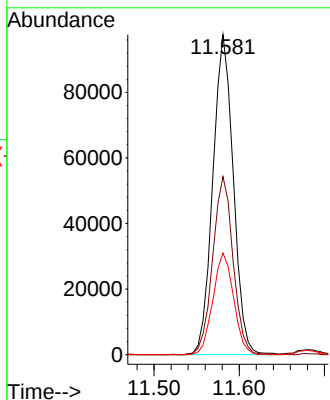
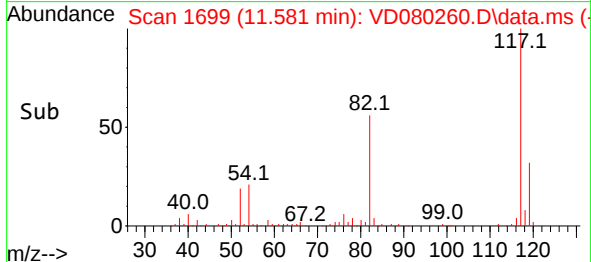
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



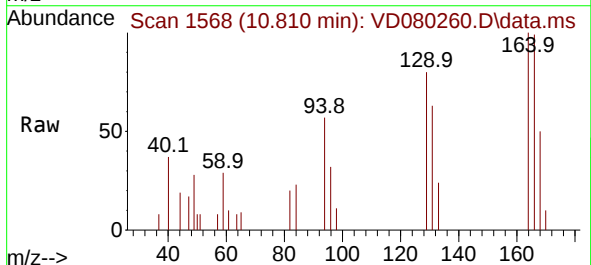
Tgt Ion:117 Resp: 162832
Ion Ratio Lower Upper
117 100
82 55.6 45.0 67.6
119 31.8 24.3 36.5

Manual Integrations
APPROVED

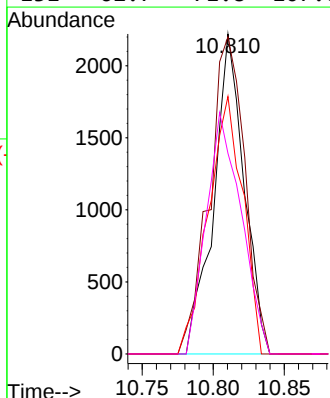
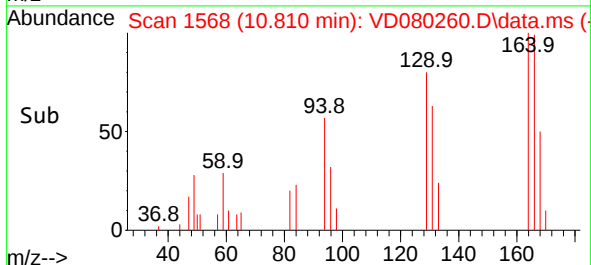
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

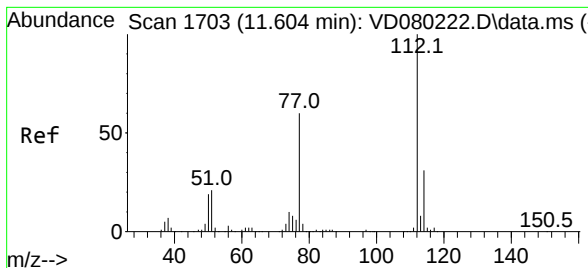


#64
Tetrachloroethene
Concen: 2.894 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



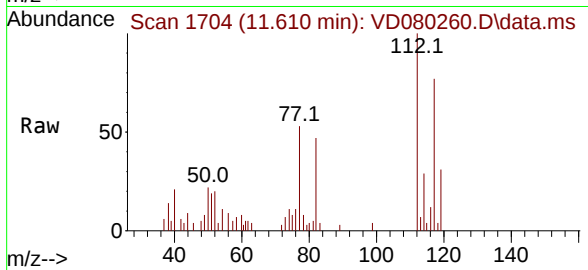
Tgt Ion:164 Resp: 3292
Ion Ratio Lower Upper
164 100
166 99.1 99.4 149.2#
129 80.5 76.3 114.5
131 62.7 71.8 107.6#





#65
Chlorobenzene
Concen: 2.575 ug/l
RT: 11.610 min Scan# 1710
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

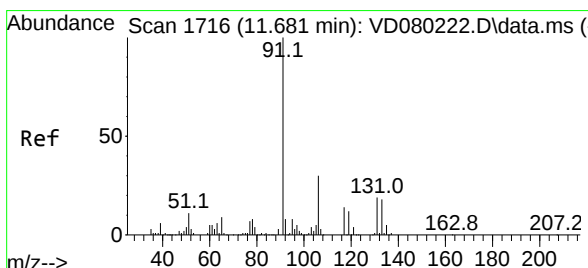
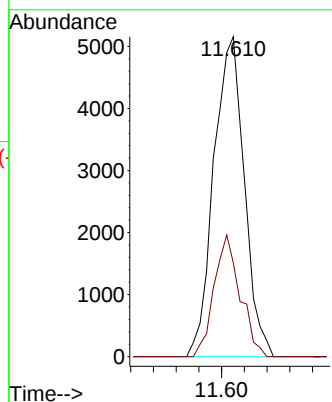
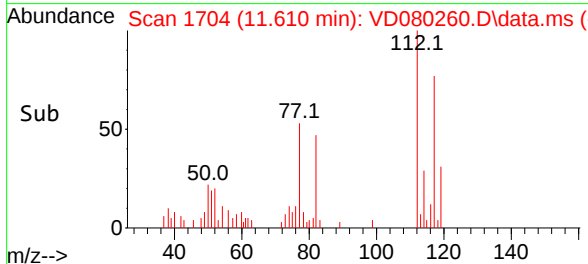
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



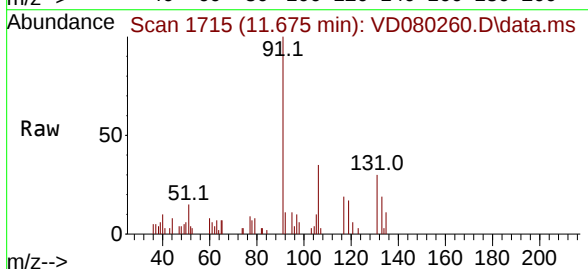
Tgt Ion:112 Resp: 9610
Ion Ratio Lower Upper
112 100
114 29.3 24.5 36.7

Manual Integrations
APPROVED

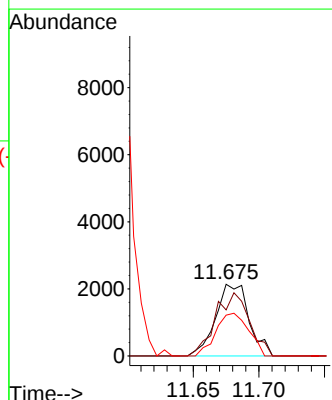
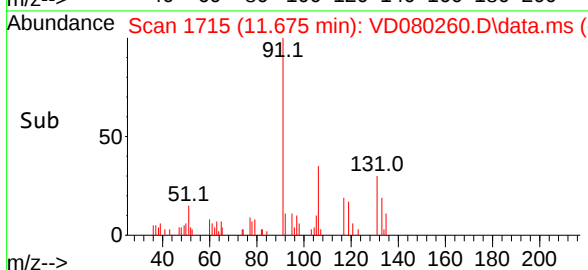
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

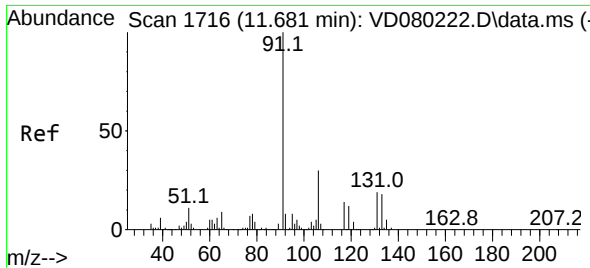


#66
1,1,1,2-Tetrachloroethane
Concen: 2.896 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion:131 Resp: 3782
Ion Ratio Lower Upper
131 100
133 90.1 45.9 137.7
119 58.5 33.9 101.6





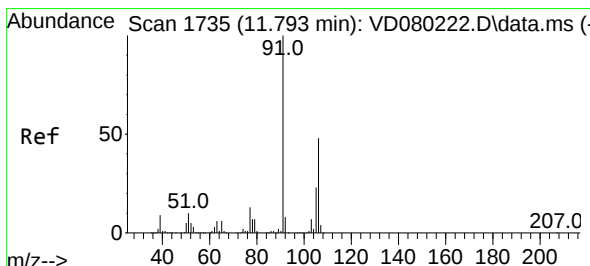
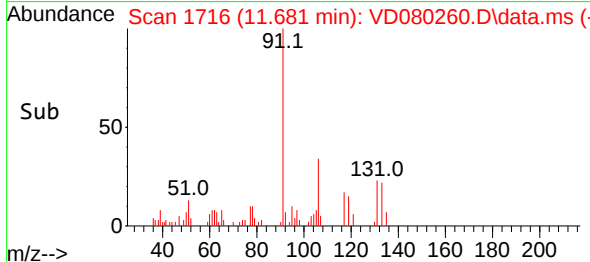
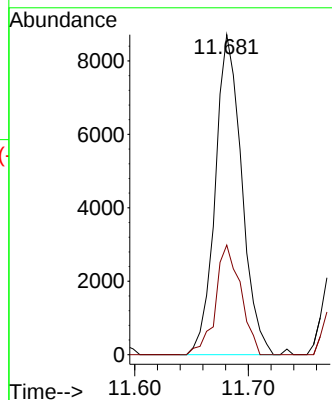
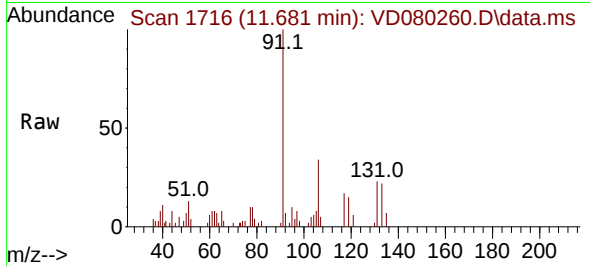
#67
Ethyl Benzene
Concen: 2.277 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion: 91 Resp: 14140
Ion Ratio Lower Upper
91 100
106 34.3 23.9 35.9

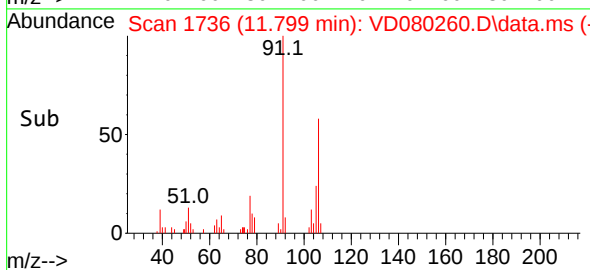
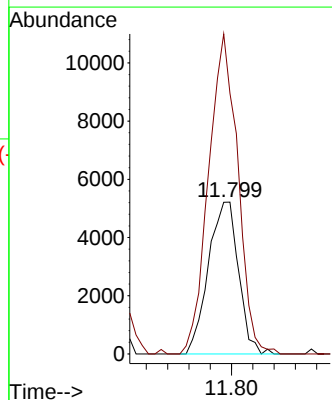
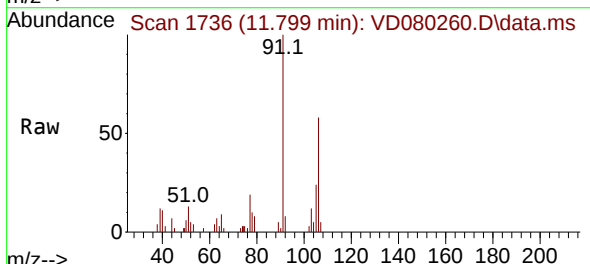
Manual Integrations
APPROVED

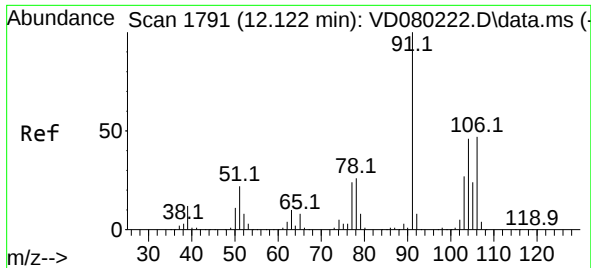
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#68
m/p-Xylenes
Concen: 4.251 ug/l
RT: 11.799 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion:106 Resp: 10247
Ion Ratio Lower Upper
106 100
91 204.6 165.8 248.8





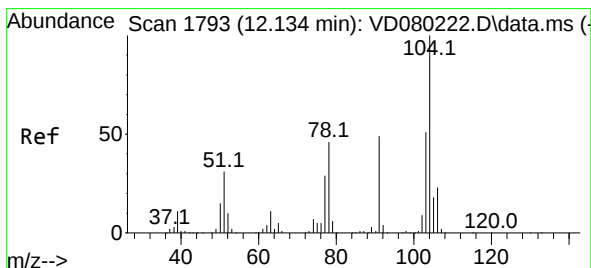
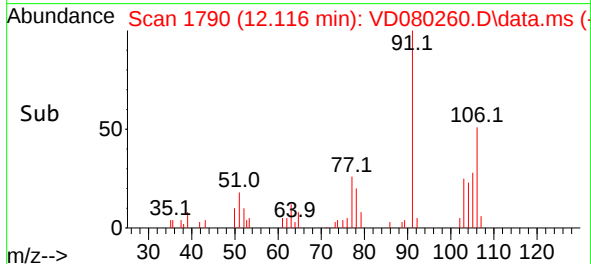
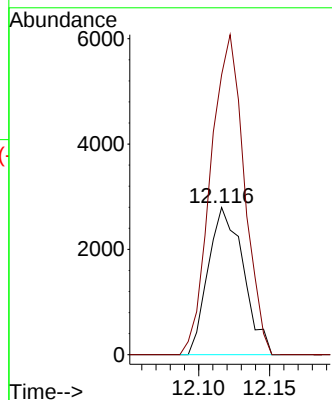
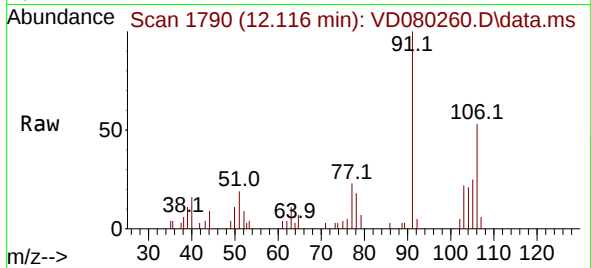
#69
o-Xylene
Concen: 2.188 ug/l
RT: 12.116 min Scan# 1790
Delta R.T. -0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion:106 Resp: 4810
Ion Ratio Lower Upper
106 100
91 207.7 107.7 323.3

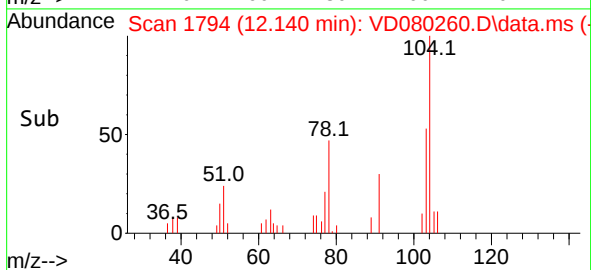
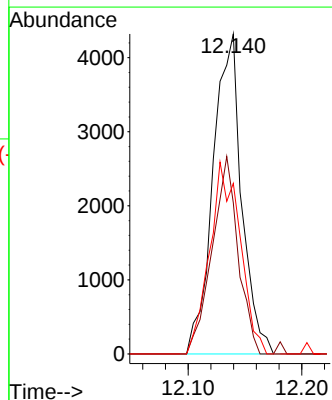
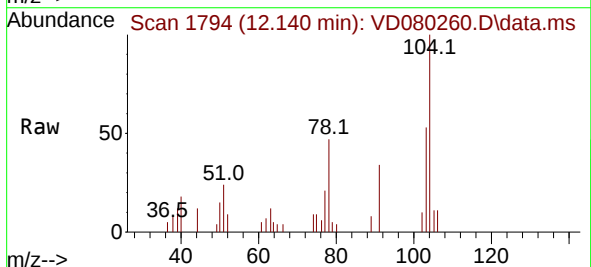
Manual Integrations
APPROVED

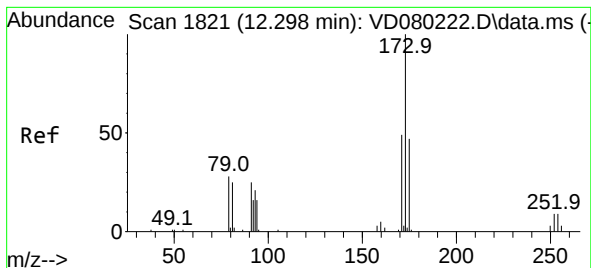
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#70
Styrene
Concen: 1.931 ug/l
RT: 12.140 min Scan# 1794
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion:104 Resp: 7555
Ion Ratio Lower Upper
104 100
78 56.0 40.7 61.1
103 63.8 45.0 67.4





#71

Bromoform

Concen: 3.034 ug/l

RT: 12.299 min Scan# 1821

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

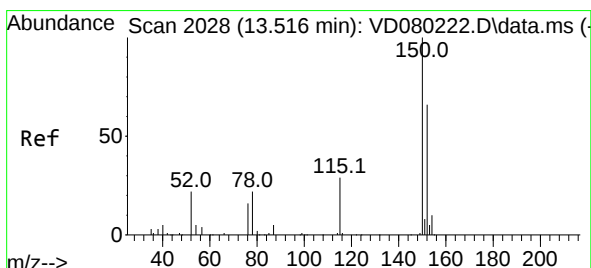
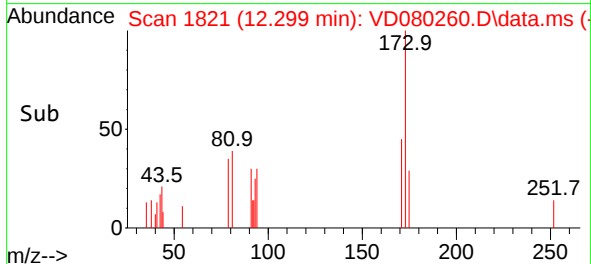
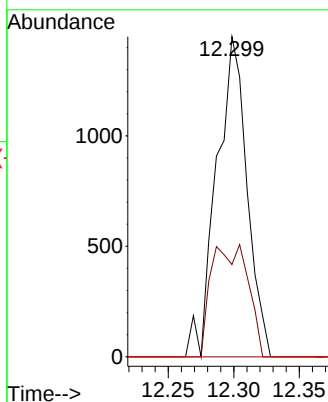
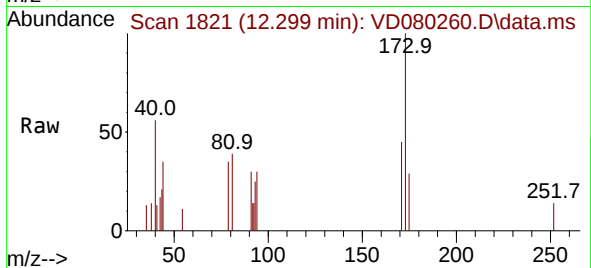
ClientSampleId :

MDL-SOIL-03-QT1-2025

Tgt Ion:173	Resp:	233
Ion Ratio	Lower	Upper
173	100	
175	42.3	23.4 70.0
254	0.0	0.0 0.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

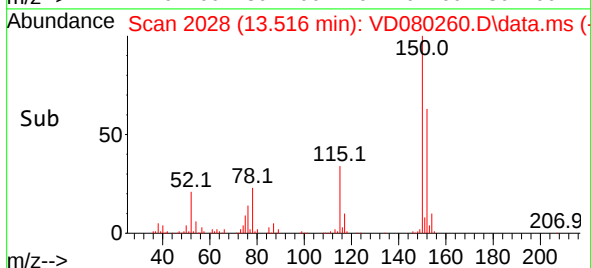
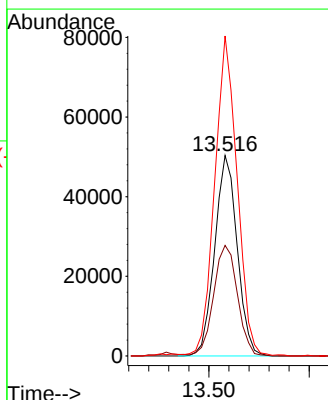
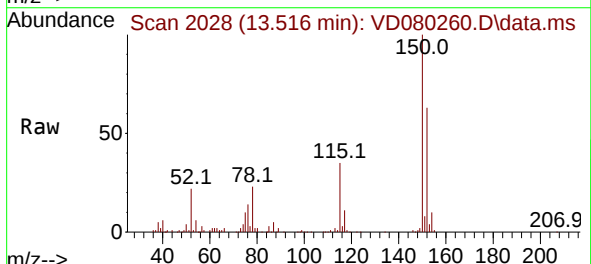
RT: 13.516 min Scan# 2028

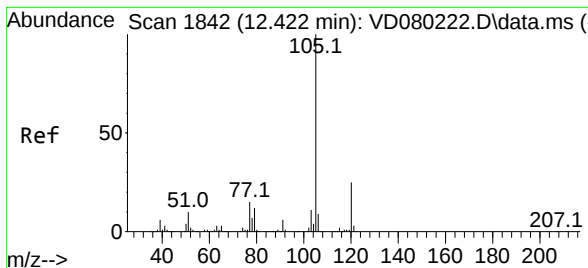
Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Tgt Ion:152	Resp:	78270
Ion Ratio	Lower	Upper
152	100	
115	58.5	30.0 90.1
150	159.3	0.0 350.4





#73

Isopropylbenzene

Concen: 2.277 ug/l

RT: 12.416 min Scan# 1841

Delta R.T. -0.006 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

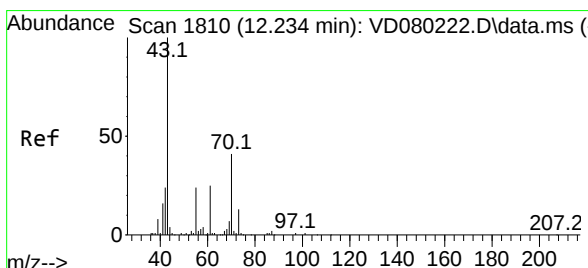
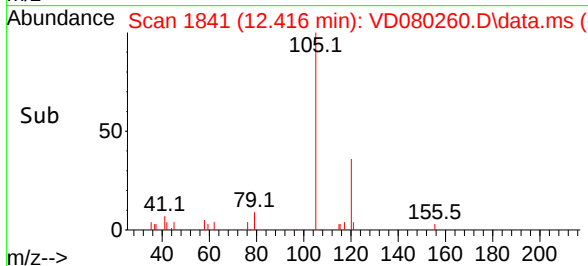
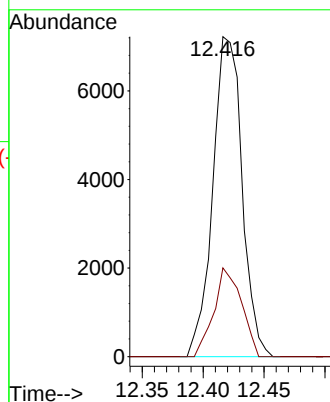
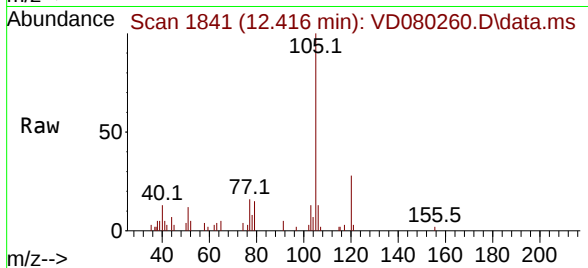
MDL-SOIL-03-QT1-2025

Tgt Ion: 105 Resp: 1205
 Ion Ratio Lower Upper
 105 100
 120 26.2 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#74

N-ethyl acetate

Concen: 2.715 ug/l

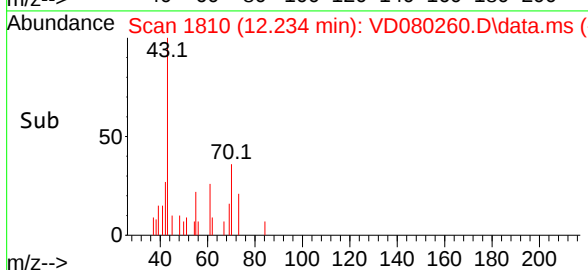
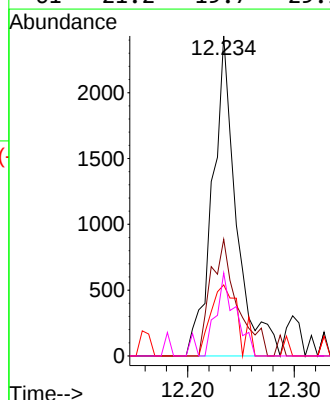
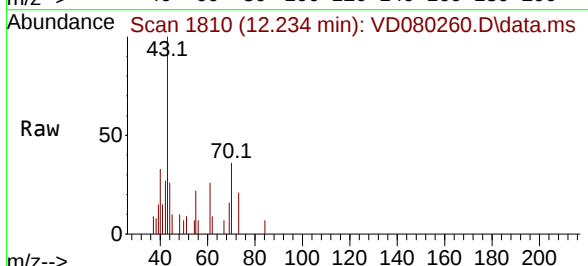
RT: 12.234 min Scan# 1810

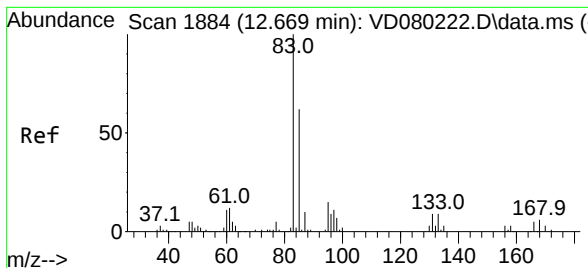
Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

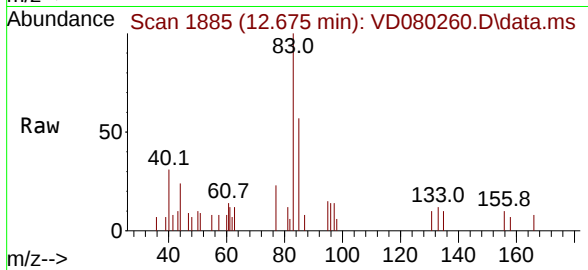
Tgt Ion: 43 Resp: 3778
 Ion Ratio Lower Upper
 43 100
 70 40.4 33.6 50.4
 55 25.4 21.4 32.0
 61 21.2 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 3.690 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

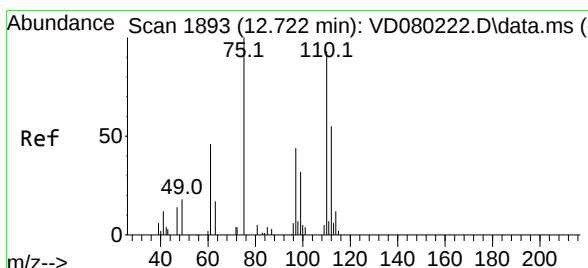
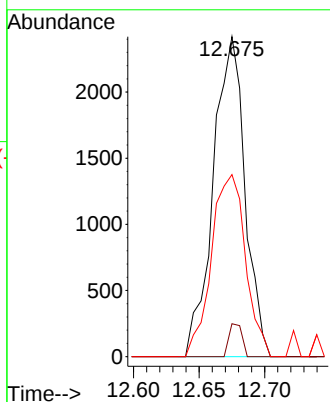
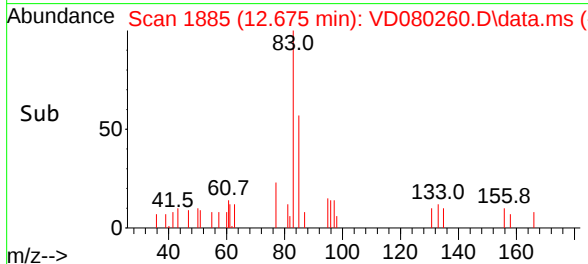
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025



Tgt Ion: 83 Resp: 406
Ion Ratio Lower Upper
83 100
131 4.2 4.9 14.6
85 61.2 32.4 97.0

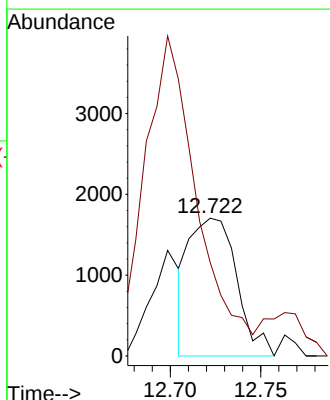
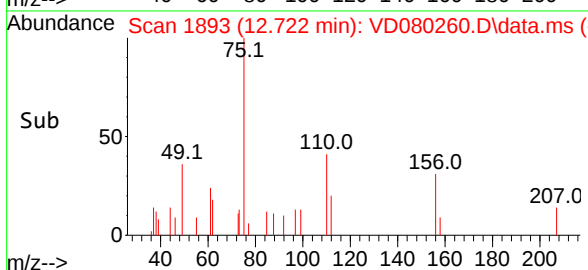
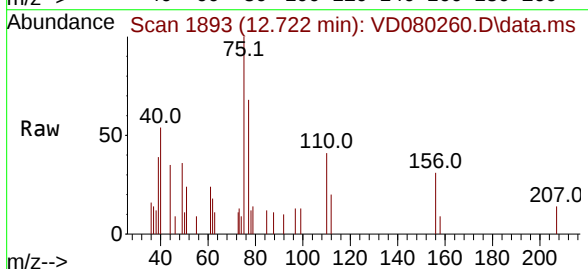
Manual Integrations
APPROVED

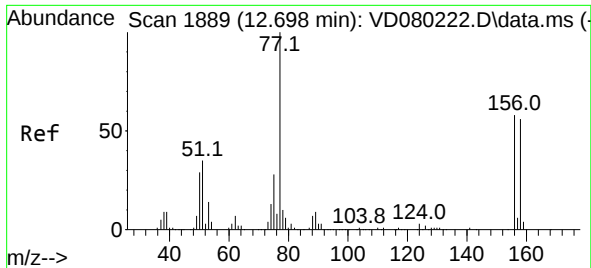
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#76
1,2,3-Trichloropropane
Concen: 3.943 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

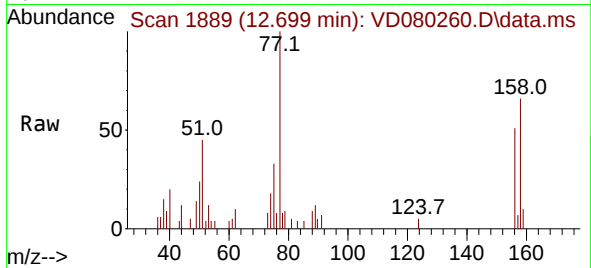
Tgt Ion: 75 Resp: 3122
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.843 ug/l
RT: 12.699 min Scan# 1889
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

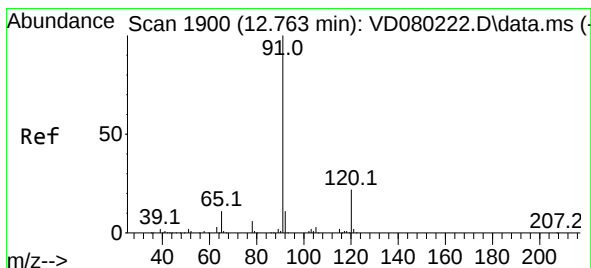
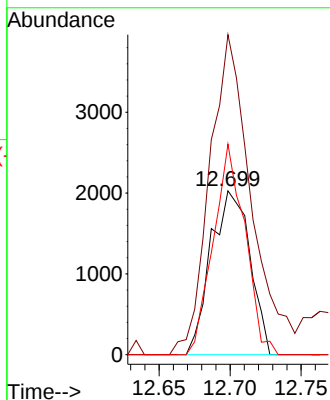
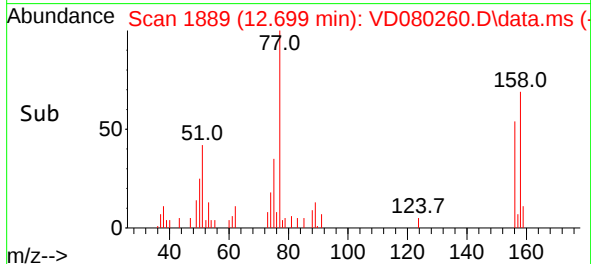
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



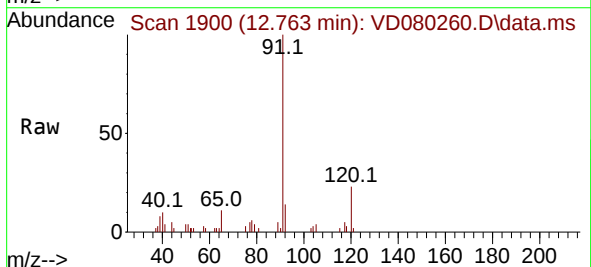
Tgt Ion: 156 Resp: 388
Ion Ratio Lower Upper
156 100
77 207.9 95.2 285.4
158 104.0 47.8 143.3

Manual Integrations
APPROVED

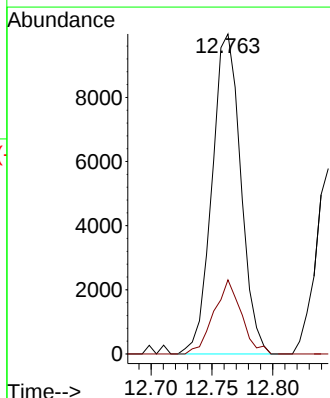
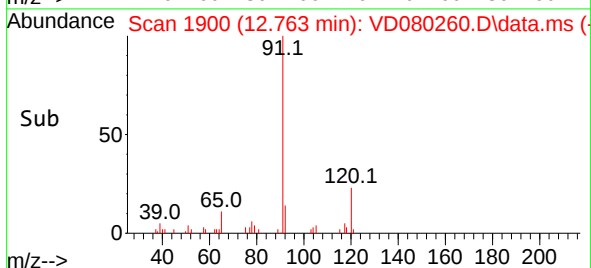
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

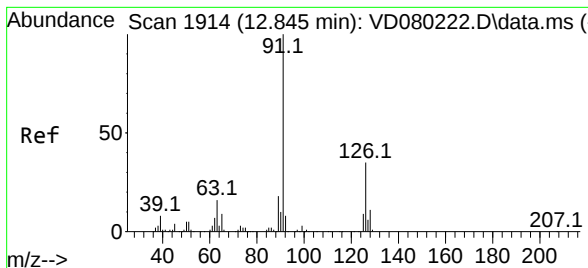


#78
n-propylbenzene
Concen: 2.431 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion: 91 Resp: 16386
Ion Ratio Lower Upper
91 100
120 22.2 11.0 33.0





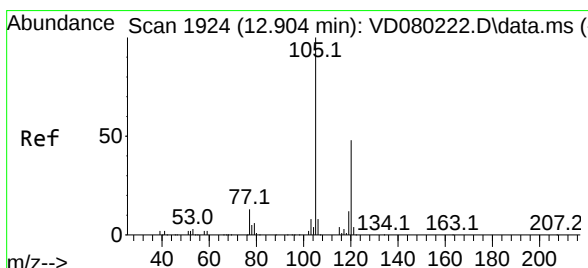
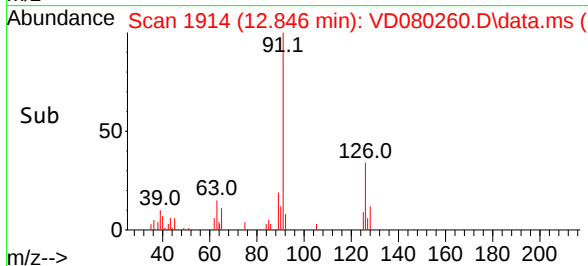
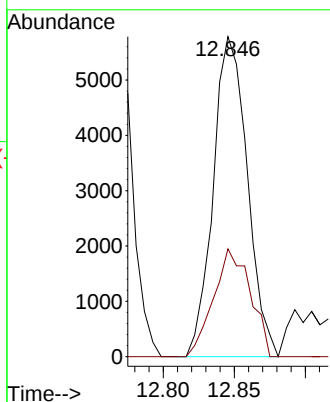
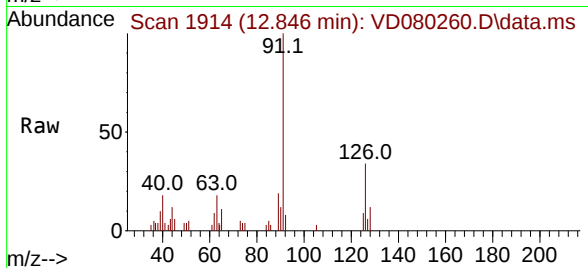
#79
2-Chlorotoluene
Concen: 2.522 ug/l
RT: 12.846 min Scan# 1914
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion: 91 Resp: 9650
Ion Ratio Lower Upper
91 100
126 36.4 16.8 50.4

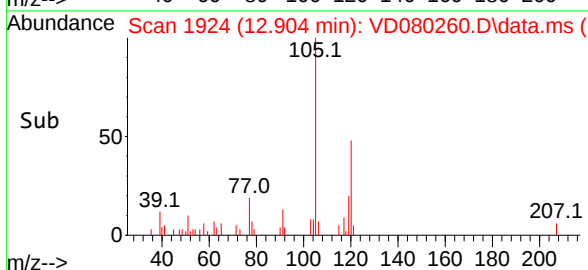
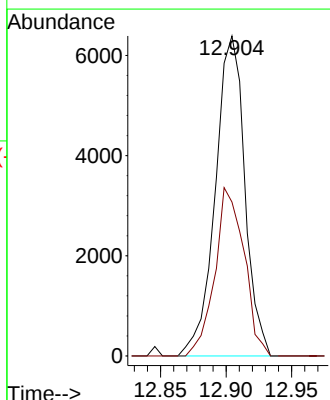
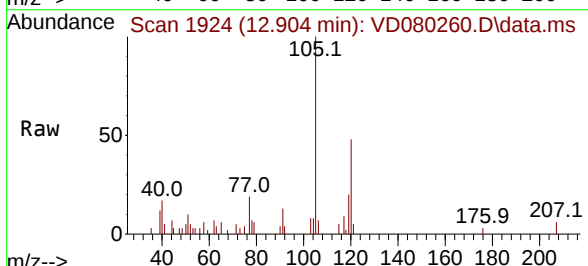
Manual Integrations
APPROVED

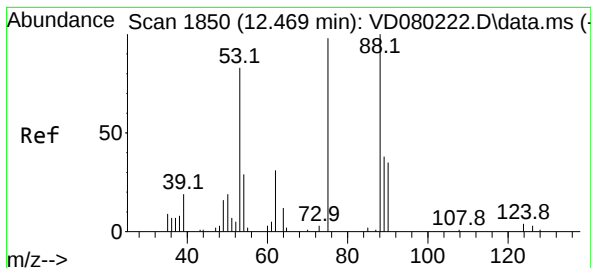
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.257 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

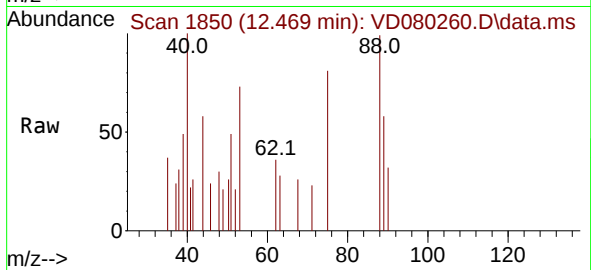
Tgt Ion:105 Resp: 9993
Ion Ratio Lower Upper
105 100
120 52.0 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 2.986 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

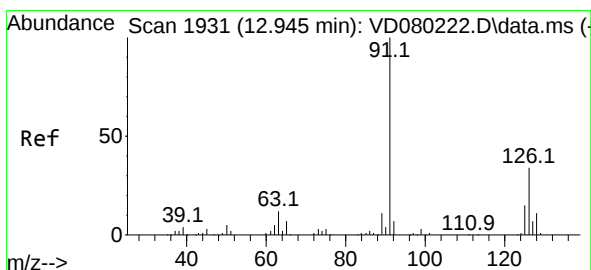
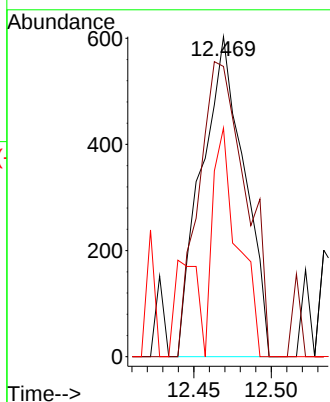
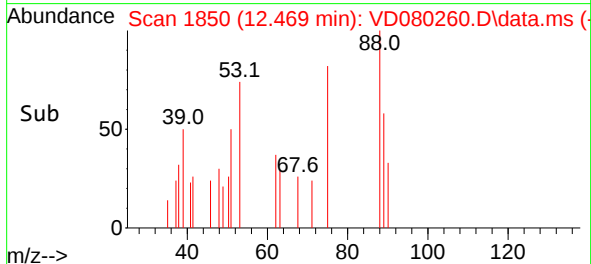
Instrument : MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



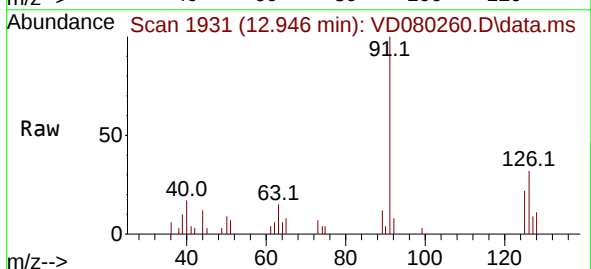
Tgt Ion: 75 Resp: 1150
Ion Ratio Lower Upper
75 100
53 101.5 69.1 103.7
89 41.9 36.5 54.7

Manual Integrations
APPROVED

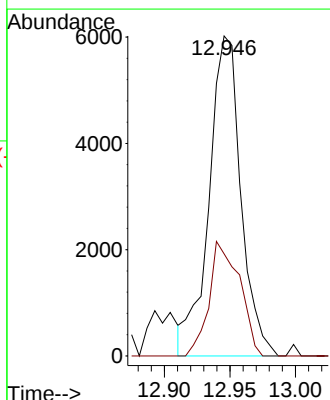
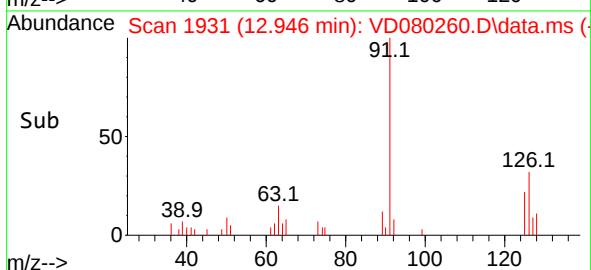
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

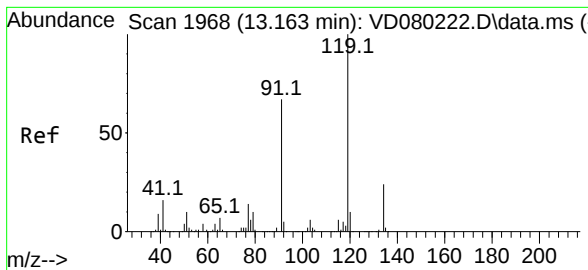


#82
4-Chlorotoluene
Concen: 2.503 ug/l
RT: 12.946 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion: 91 Resp: 10186
Ion Ratio Lower Upper
91 100
126 34.3 16.9 50.6





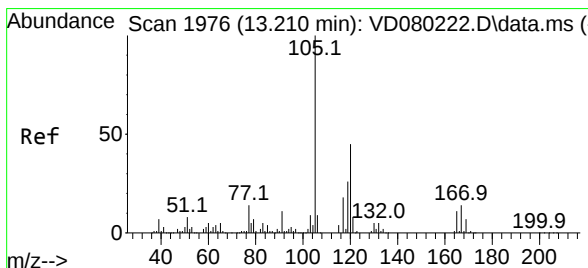
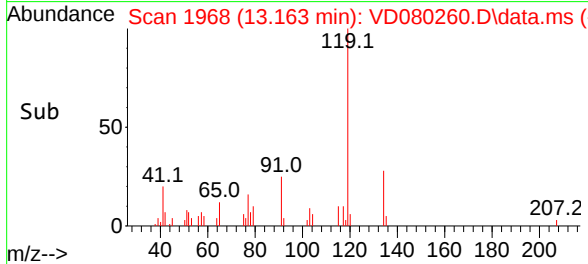
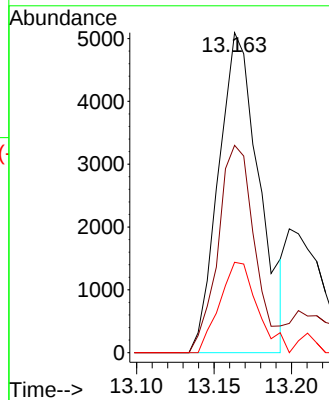
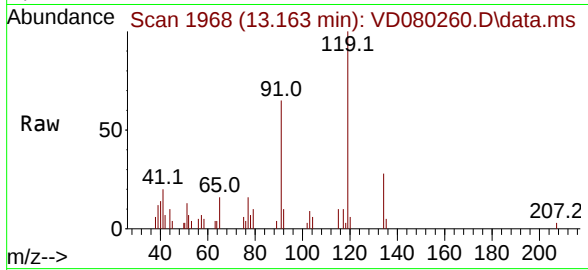
#83
tert-Butylbenzene
Concen: 2.573 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion:119 Resp: 9314
Ion Ratio Lower Upper
119 100
91 58.6 34.5 103.5
134 26.1 13.0 38.9

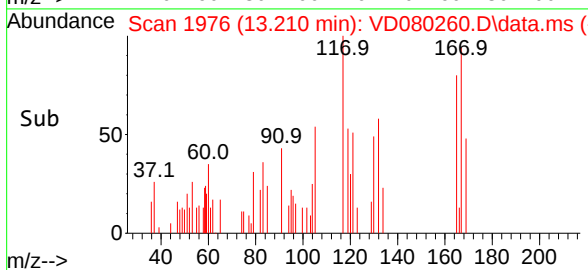
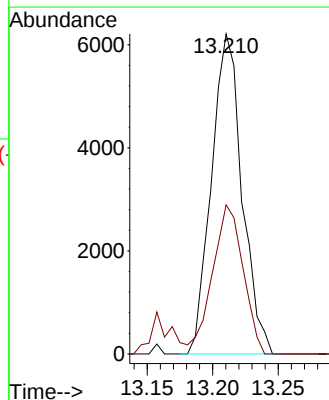
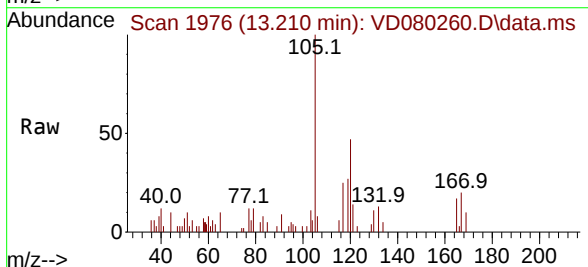
Manual Integrations
APPROVED

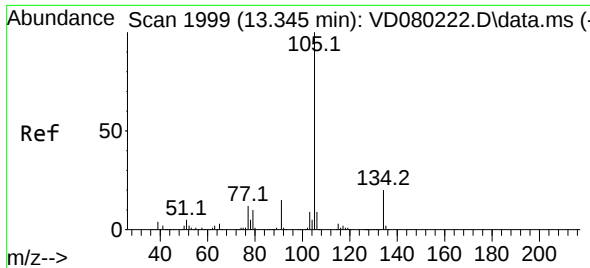
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#84
1,2,4-Trimethylbenzene
Concen: 2.233 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion:105 Resp: 10063
Ion Ratio Lower Upper
105 100
120 46.5 22.1 66.5





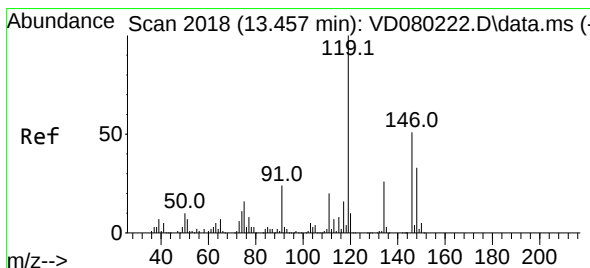
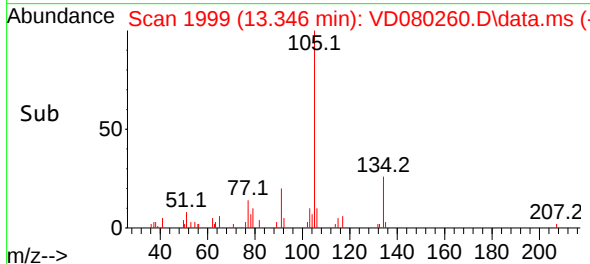
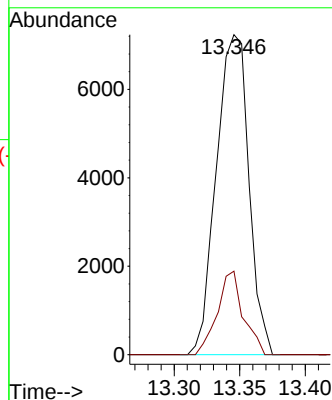
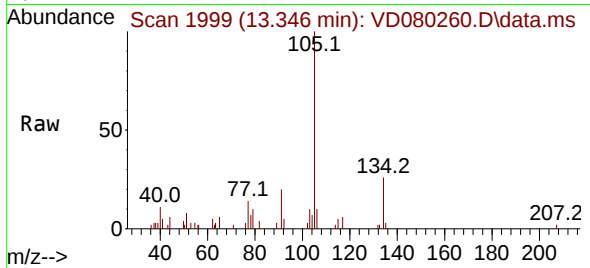
#85
 sec-Butylbenzene
 Concen: 2.254 ug/l
 RT: 13.346 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46

Instrument : MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2025

Tgt Ion:105 Resp: 12472
 Ion Ratio Lower Upper
 105 100
 134 20.8 9.8 29.4

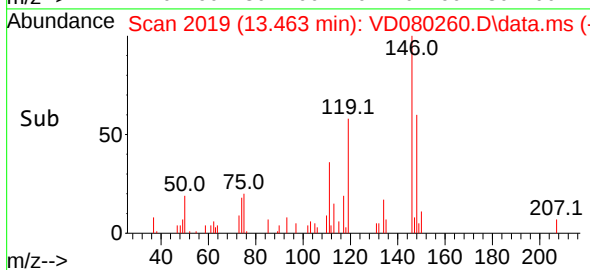
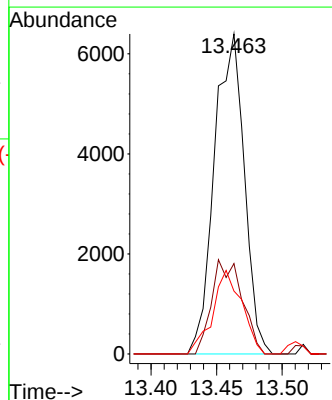
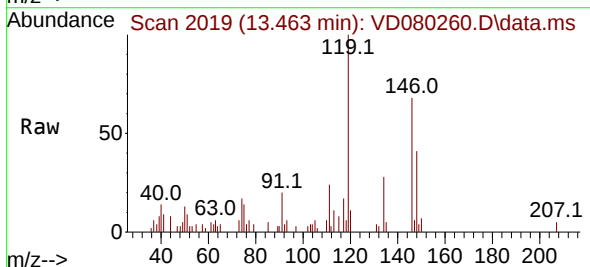
Manual Integrations
 APPROVED

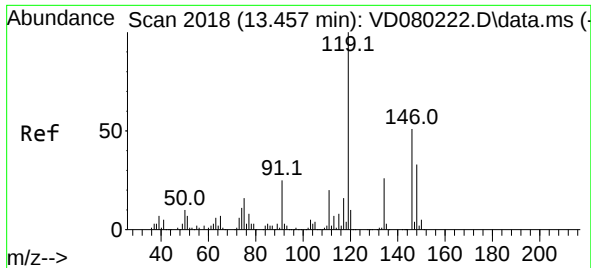
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#86
 p-Isopropyltoluene
 Concen: 2.144 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD080260.D
 Acq: 07 Feb 2025 14:46

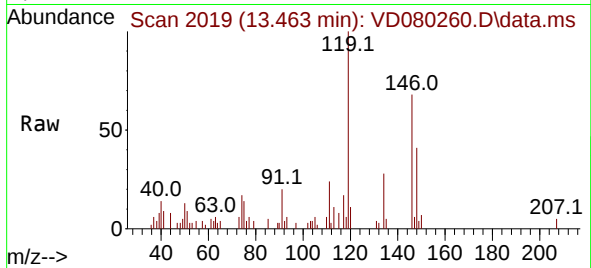
Tgt Ion:119 Resp: 10132
 Ion Ratio Lower Upper
 119 100
 134 30.0 13.3 39.9
 91 25.6 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 2.856 ug/l
RT: 13.463 min Scan# 2018
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

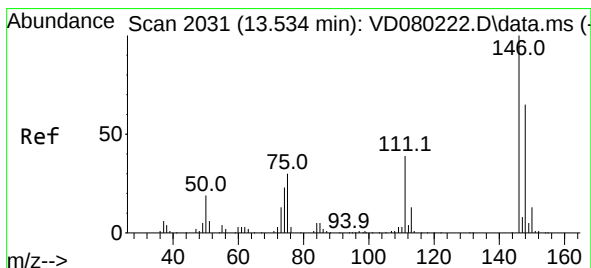
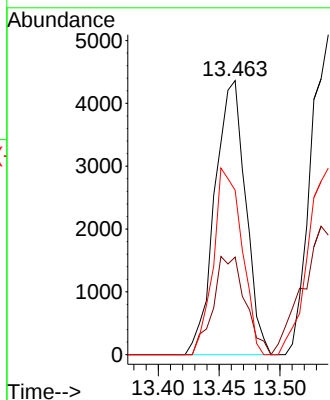
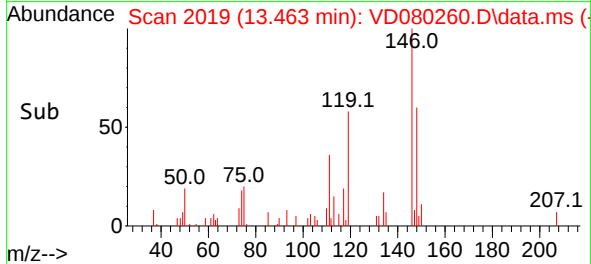
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



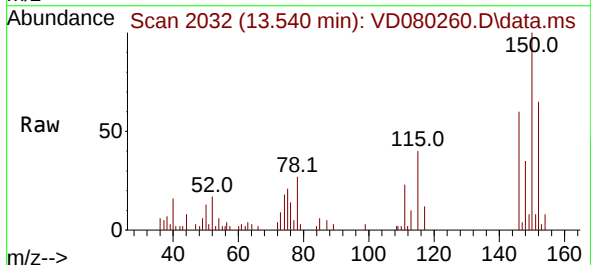
Tgt Ion:146 Resp: 768
Ion Ratio Lower Upper
146 100
111 37.5 20.5 61.6
148 63.1 32.2 96.6

Manual Integrations
APPROVED

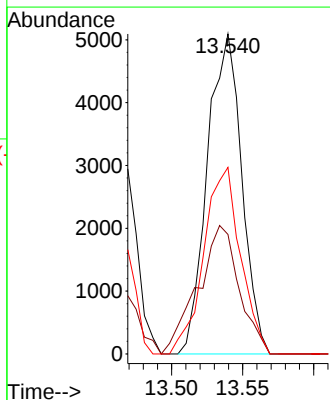
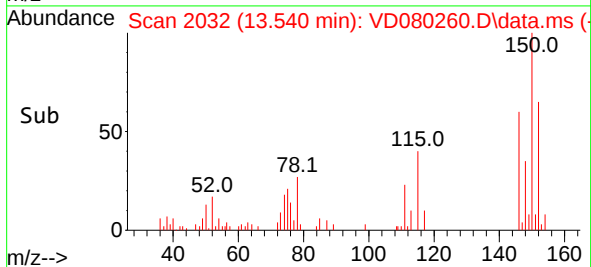
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

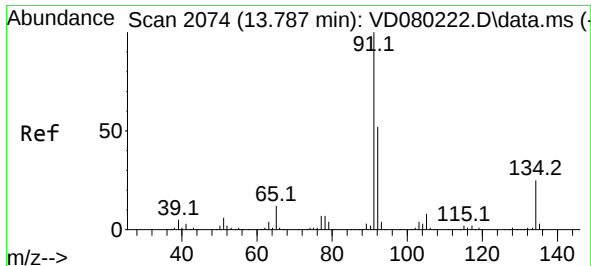


#88
1,4-Dichlorobenzene
Concen: 3.149 ug/l
RT: 13.540 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



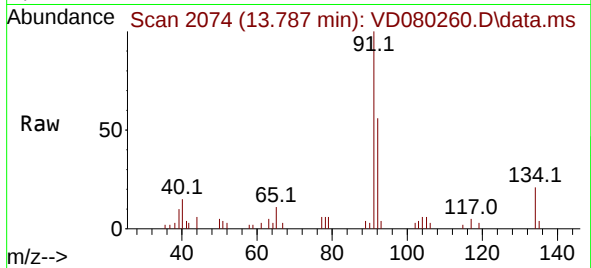
Tgt Ion:146 Resp: 8572
Ion Ratio Lower Upper
146 100
111 48.4 19.7 59.0
148 62.2 32.3 96.8





#89
n-Butylbenzene
Concen: 2.442 ug/l
RT: 13.787 min Scan# 2074
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

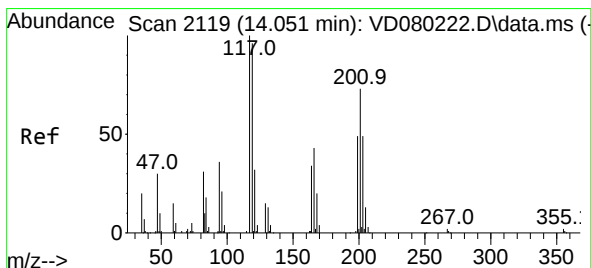
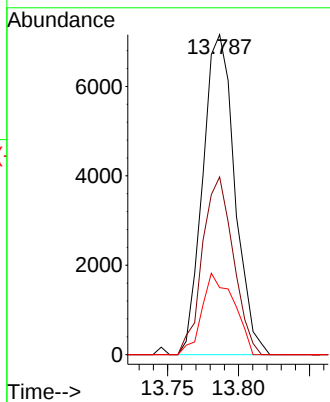
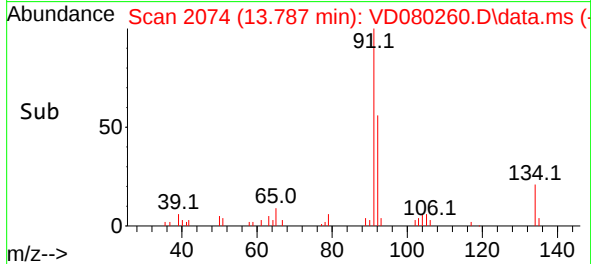
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025



Tgt Ion: 91 Resp: 11210
Ion Ratio Lower Upper
91 100
92 53.7 26.1 78.2
134 25.3 12.4 37.0

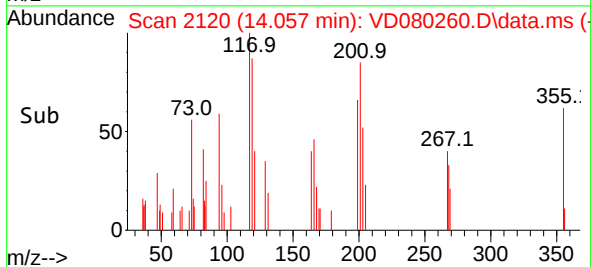
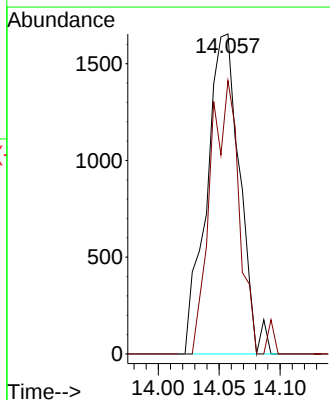
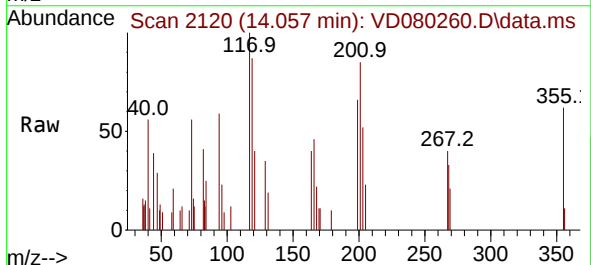
Manual Integrations
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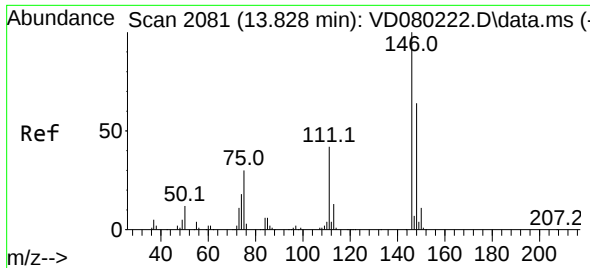
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#90
Hexachloroethane
Concen: 2.986 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion:117 Resp: 3136
Ion Ratio Lower Upper
117 100
201 73.6 36.0 108.0





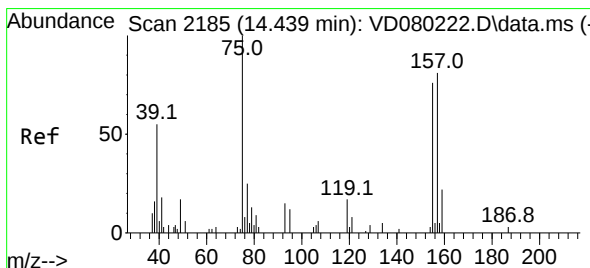
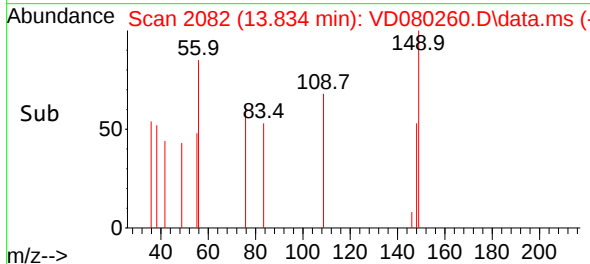
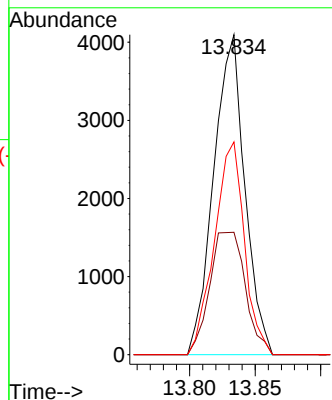
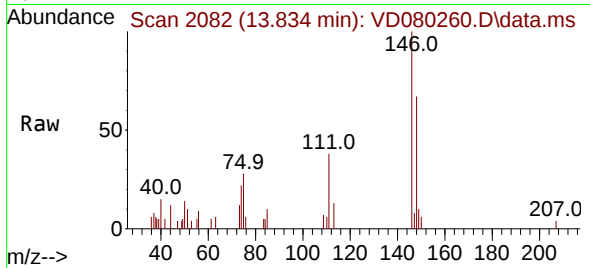
#91
1,2-Dichlorobenzene
Concen: 2.849 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2025

Tgt Ion:146 Resp: 675
Ion Ratio Lower Upper
146 100
111 44.0 21.0 63.0
148 64.1 32.5 97.5

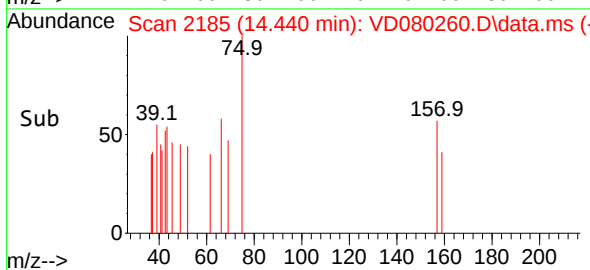
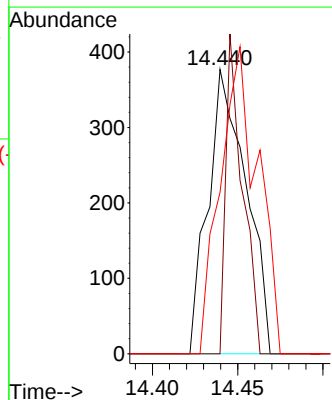
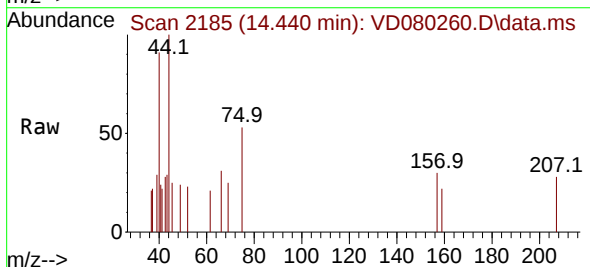
Manual Integrations
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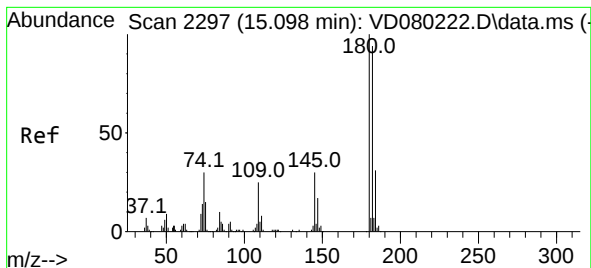
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.343 ug/l
RT: 14.440 min Scan# 2185
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

Tgt Ion: 75 Resp: 586
Ion Ratio Lower Upper
75 100
155 49.1 41.5 124.6
157 106.5 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 2.488 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

Instrument :

MSVOA_D

ClientSampleId :

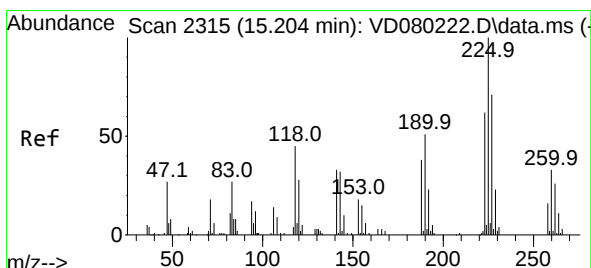
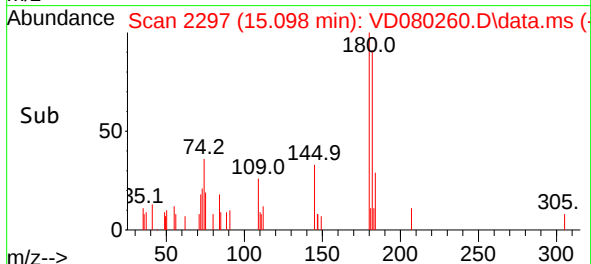
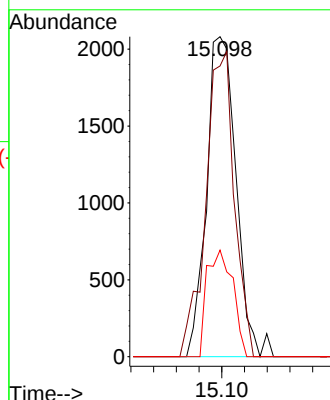
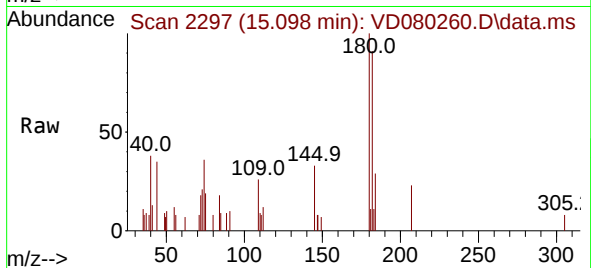
MDL-SOIL-03-QT1-2025

Tgt Ion:180	Resp:	3758
Ion Ratio	Lower	Upper
180	100	
182	92.2	47.5 142.5
145	29.2	14.6 44.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#94

Hexachlorobutadiene

Concen: 2.700 ug/l

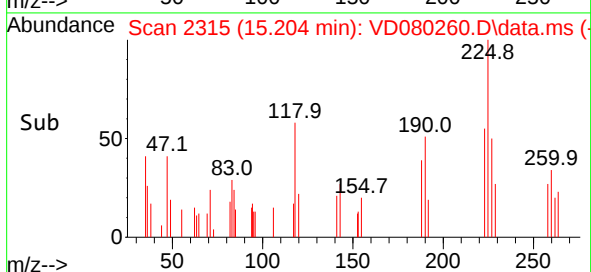
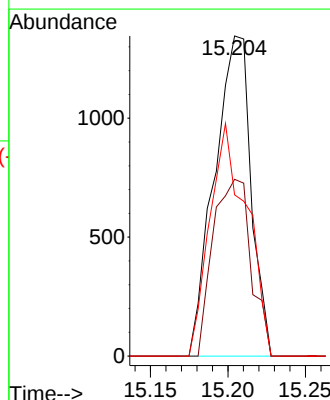
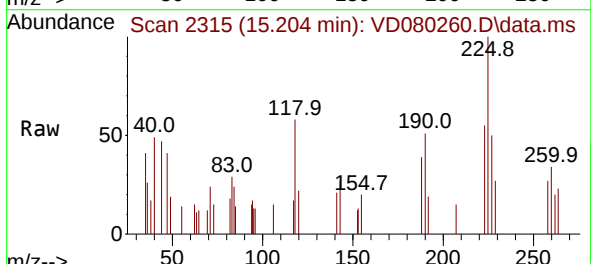
RT: 15.204 min Scan# 2315

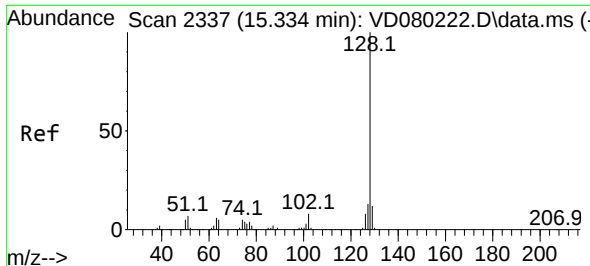
Delta R.T. 0.000 min

Lab File: VD080260.D

Acq: 07 Feb 2025 14:46

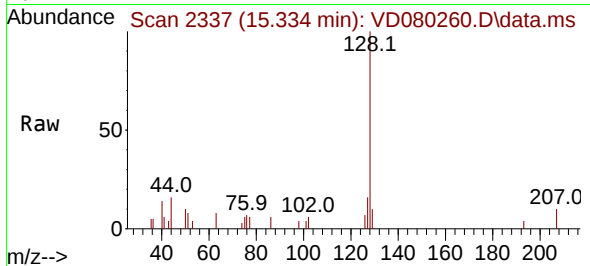
Tgt Ion:225	Resp:	2209
Ion Ratio	Lower	Upper
225	100	
223	57.3	31.3 93.8
227	73.3	32.4 97.2





#95
Naphthalene
Concen: 2.462 ug/l
RT: 15.334 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46

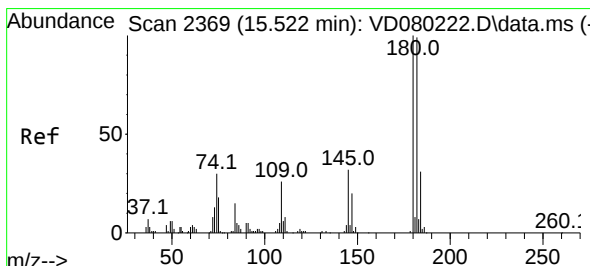
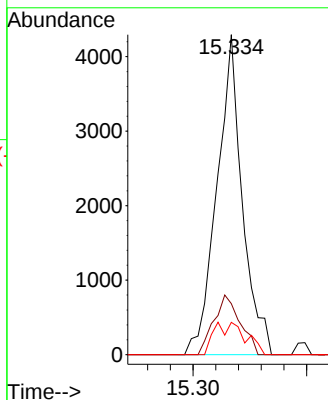
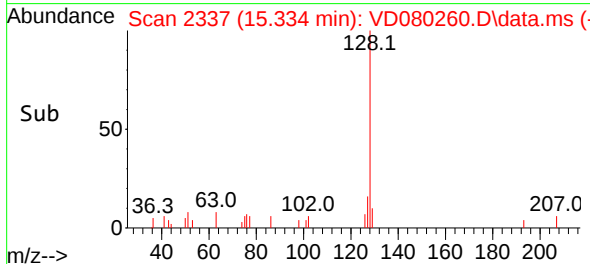
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2025



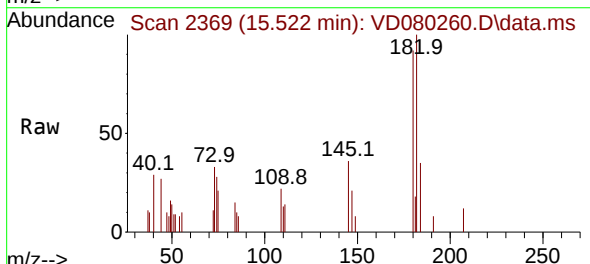
Tgt Ion:128 Resp: 6670
Ion Ratio Lower Upper
128 100
127 15.9 10.6 15.8
129 10.1 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.591 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. 0.000 min
Lab File: VD080260.D
Acq: 07 Feb 2025 14:46



Tgt Ion:180 Resp: 3533
Ion Ratio Lower Upper
180 100
182 106.9 47.3 142.0
145 33.0 15.6 46.7

