

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062725\
 Data File : VD080492.D
 Acq On : 27 Jun 2025 13:39
 Operator : RP/MD
 Sample : Q2126-03
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Quant Time: Jun 28 03:08:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062625S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 27 05:16:36 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.876	168	387227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.776	114	715627	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.582	117	614374	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.517	152	273016	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.229	65	209995	55.317	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 110.640%			
35) Dibromofluoromethane	7.805	113	224583	56.044	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.080%			
50) Toluene-d8	10.270	98	889563	54.950	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 109.900%			
62) 4-Bromofluorobenzene	12.570	95	279876	52.726	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 105.460%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.935	85	9168	2.663	ug/l	97
3) Chloromethane	2.147	50	13310	2.768	ug/l	95
4) Vinyl Chloride	2.288	62	12657	2.595	ug/l	99
5) Bromomethane	2.694	94	10439	3.873	ug/l	94
6) Chloroethane	2.847	64	9488	3.099	ug/l #	83
7) Trichlorofluoromethane	3.182	101	15214	2.480	ug/l	91
8) Diethyl Ether	3.600	74	13257	5.551	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.970	101	11727	2.889	ug/l	96
10) Methyl Iodide	4.170	142	10518	2.201	ug/l #	96
11) Tert butyl alcohol	5.047	59	3922	12.689	ug/l	99
12) 1,1-Dichloroethene	3.947	96	11657	2.660	ug/l	94
13) Acrolein	3.800	56	2424	5.755	ug/l #	71
14) Allyl chloride	4.570	41	18256	2.379	ug/l	90
15) Acrylonitrile	5.264	53	14516	12.775	ug/l	97
16) Acetone	4.023	43	13693	13.961	ug/l #	85
17) Carbon Disulfide	4.276	76	34185	2.470	ug/l	96
18) Methyl Acetate	4.570	43	10022	3.359	ug/l	92
19) Methyl tert-butyl Ether	5.317	73	27735	2.547	ug/l	100
20) Methylene Chloride	4.800	84	51770	6.941	ug/l	95
21) trans-1,2-Dichloroethene	5.323	96	12350	2.527	ug/l	90
22) Diisopropyl ether	6.211	45	38971	2.630	ug/l	94
23) Vinyl Acetate	6.158	43	100003	11.845	ug/l	99
24) 1,1-Dichloroethane	6.105	63	21630	2.488	ug/l	99
25) 2-Butanone	7.088	43	18352	12.748	ug/l	93
26) 2,2-Dichloropropane	7.082	77	17655	2.566	ug/l	97
27) cis-1,2-Dichloroethene	7.082	96	14178	2.426	ug/l	91
28) Bromochloromethane	7.429	49	10349	3.019	ug/l	90
29) Tetrahydrofuran	7.446	42	12573	13.863	ug/l	95
30) Chloroform	7.599	83	21516	2.585	ug/l	90
31) Cyclohexane	7.876	56	28295	3.359	ug/l #	62
32) 1,1,1-Trichloroethane	7.793	97	16693	2.399	ug/l	97
36) 1,1-Dichloropropene	8.011	75	16263	2.599	ug/l	95
37) Ethyl Acetate	7.176	43	9225m	3.033	ug/l	
38) Carbon Tetrachloride	7.988	117	14421	2.412	ug/l	97
39) Methylcyclohexane	9.276	83	22836	2.650	ug/l	97
40) Benzene	8.252	78	51280	2.553	ug/l	96

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Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.394	41	3924	2.018	ug/l #	79
42) 1,2-Dichloroethane	8.323	62	11734	2.483	ug/l	90
43) Isopropyl Acetate	8.358	43	16278	2.719	ug/l	99
44) Trichloroethene	9.029	130	12429	2.553	ug/l	75
45) 1,2-Dichloropropane	9.305	63	12246	2.514	ug/l	98
46) Dibromomethane	9.399	93	6778	2.610	ug/l	96
47) Bromodichloromethane	9.582	83	16030	2.489	ug/l	96
48) Methyl methacrylate	9.382	41	7383	2.438	ug/l	97
49) 1,4-Dioxane	9.388	88	1869	55.468	ug/l #	73
51) 4-Methyl-2-Pentanone	10.158	43	38473	12.656	ug/l	95
52) Toluene	10.329	92	30956	2.466	ug/l	98
53) t-1,3-Dichloropropene	10.552	75	15179	2.354	ug/l	99
54) cis-1,3-Dichloropropene	10.017	75	19529	2.520	ug/l	90
55) 1,1,2-Trichloroethane	10.729	97	8884	2.509	ug/l	94
56) Ethyl methacrylate	10.599	69	12616	2.496	ug/l	93
57) 1,3-Dichloropropane	10.882	76	16345	2.638	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.870	63	26754	13.860	ug/l	98
59) 2-Hexanone	10.917	43	28258	13.134	ug/l	94
60) Dibromochloromethane	11.076	129	10692	2.447	ug/l	98
61) 1,2-Dibromoethane	11.176	107	8510	2.514	ug/l	93
64) Tetrachloroethene	10.799	164	10722	2.812	ug/l #	73
65) Chlorobenzene	11.605	112	34901	2.634	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.676	131	9877	2.372	ug/l	95
67) Ethyl Benzene	11.682	91	58637	2.530	ug/l	99
68) m/p-Xylenes	11.793	106	42912	4.862	ug/l	96
69) o-Xylene	12.117	106	21795	2.559	ug/l	94
70) Styrene	12.134	104	36093	2.506	ug/l	99
71) Bromoform	12.305	173	5989	2.525	ug/l #	98
73) Isopropylbenzene	12.417	105	54869	2.585	ug/l	100
74) N-amyl acetate	12.234	43	14546	2.618	ug/l #	95
75) 1,1,2,2-Tetrachloroethane	12.670	83	10381	2.627	ug/l	99
76) 1,2,3-Trichloropropane	12.723	75	7800m	3.361	ug/l	
77) Bromobenzene	12.699	156	11933	2.514	ug/l	97
78) n-propylbenzene	12.758	91	66765	2.613	ug/l	98
79) 2-Chlorotoluene	12.846	91	37793	2.572	ug/l	100
80) 1,3,5-Trimethylbenzene	12.905	105	44214	2.569	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.470	75	4033m	2.582	ug/l	
82) 4-Chlorotoluene	12.946	91	39697	2.630	ug/l	99
83) tert-Butylbenzene	13.164	119	40068	2.662	ug/l	97
84) 1,2,4-Trimethylbenzene	13.205	105	43242	2.517	ug/l	99
85) sec-Butylbenzene	13.340	105	57674	2.594	ug/l	100
86) p-Isopropyltoluene	13.458	119	47766	2.596	ug/l	99
87) 1,3-Dichlorobenzene	13.458	146	24114	2.627	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	24635	2.689	ug/l	88
89) n-Butylbenzene	13.781	91	47457	2.687	ug/l	97
90) Hexachloroethane	14.052	117	8920	2.509	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	20507	2.538	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.446	75	1810	3.037	ug/l	82
93) 1,2,4-Trichlorobenzene	15.093	180	14185	2.802	ug/l	98
94) Hexachlorobutadiene	15.199	225	6607	2.827	ug/l	96
95) Naphthalene	15.328	128	29197	2.595	ug/l	98
96) 1,2,3-Trichlorobenzene	15.517	180	11408	2.621	ug/l	99

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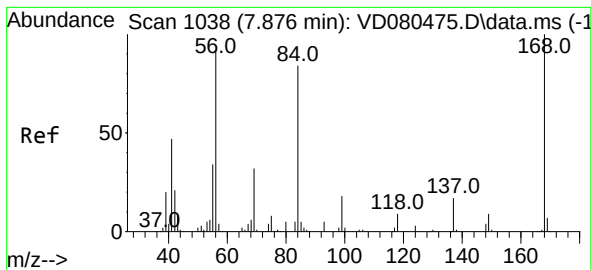
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

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Quant Title : SW846 8260
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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: 7.876 min Scan# 1038

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion:168 Resp: 38722

Ion Ratio Lower Upper

168 100

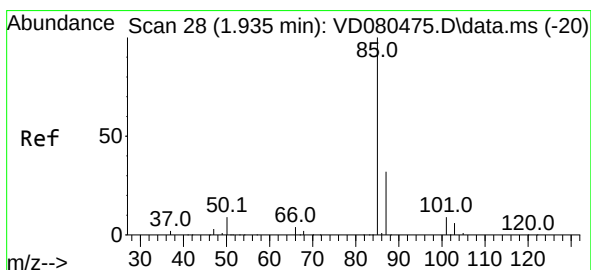
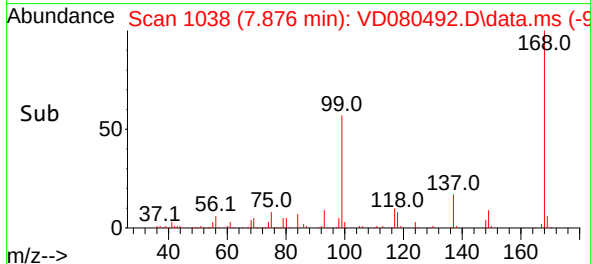
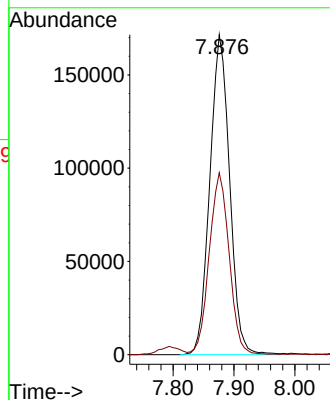
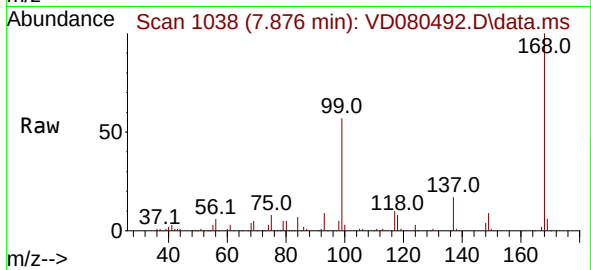
99 56.8 45.8 68.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#2

Dichlorodifluoromethane

Concen: 2.663 ug/l

RT: 1.935 min Scan# 28

Delta R.T. -0.000 min

Lab File: VD080492.D

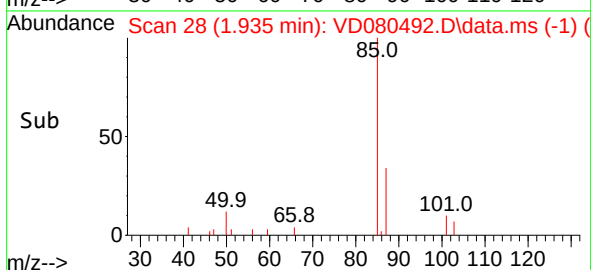
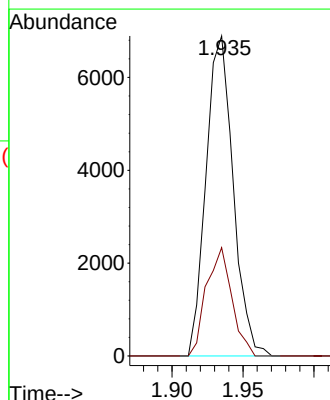
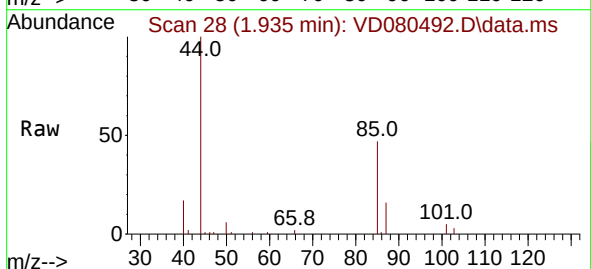
Acq: 27 Jun 2025 13:39

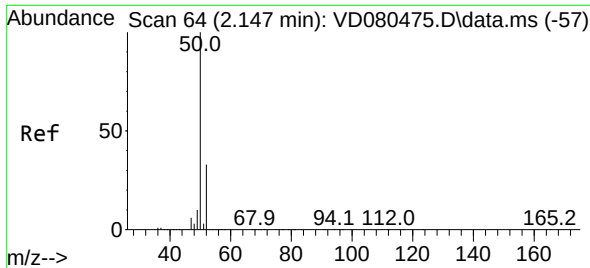
Tgt Ion: 85 Resp: 9168

Ion Ratio Lower Upper

85 100

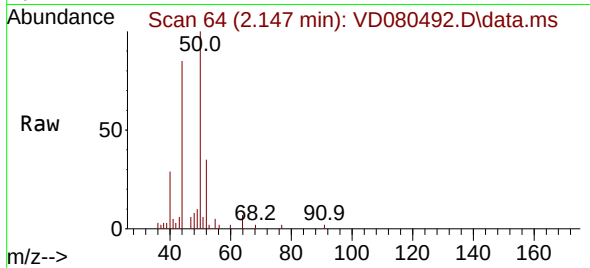
87 33.8 16.0 47.9





#3
Chloromethane
Concen: 2.768 ug/l
RT: 2.147 min Scan# 64
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

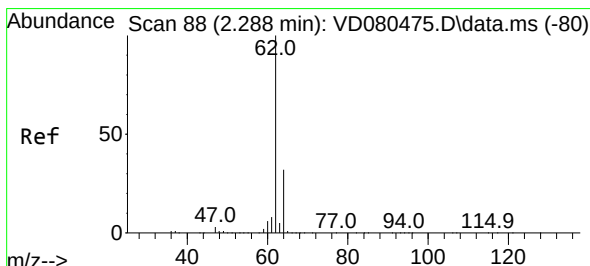
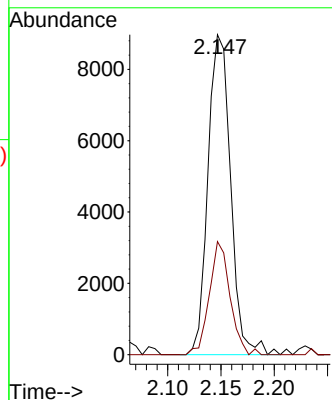
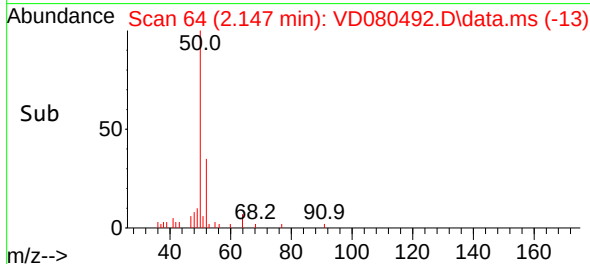
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



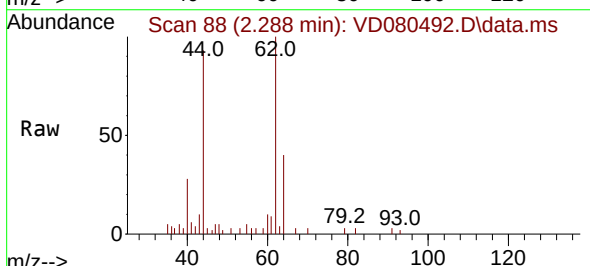
Tgt Ion: 50 Resp: 13310
Ion Ratio Lower Upper
50 100
52 35.4 26.1 39.1

Manual Integrations
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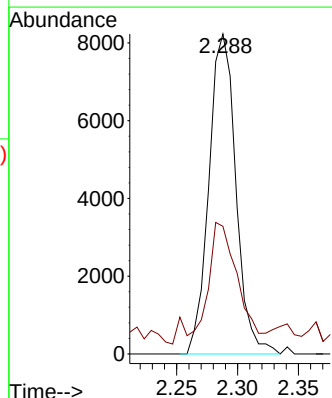
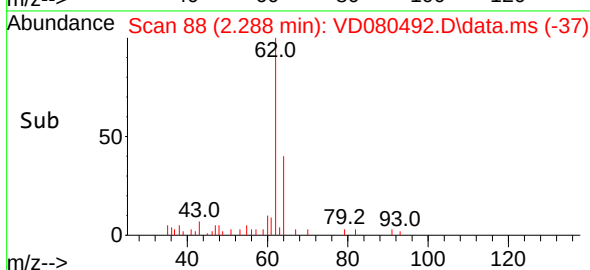
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

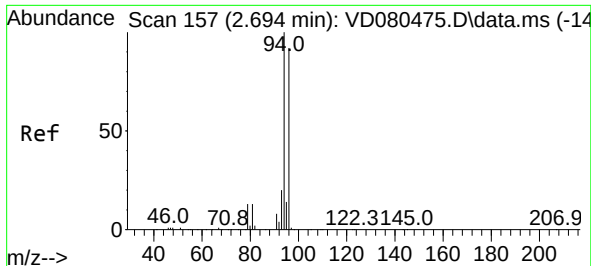


#4
Vinyl Chloride
Concen: 2.595 ug/l
RT: 2.288 min Scan# 88
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



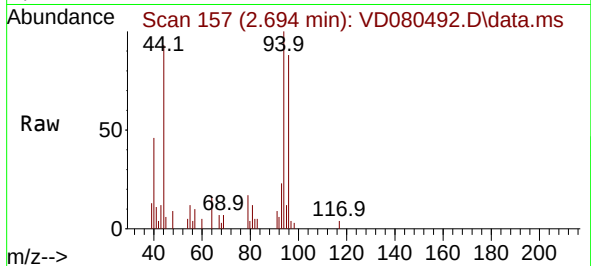
Tgt Ion: 62 Resp: 12657
Ion Ratio Lower Upper
62 100
64 31.3 25.5 38.3





#5
Bromomethane
Concen: 3.873 ug/l
RT: 2.694 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

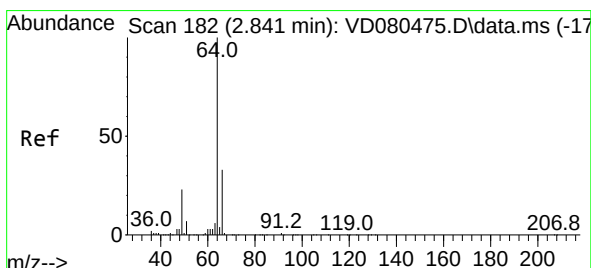
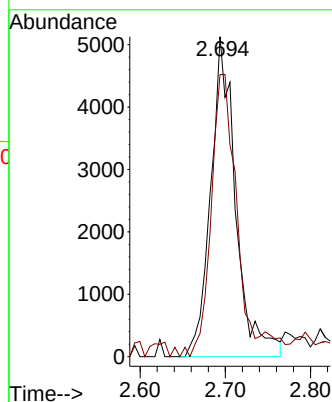
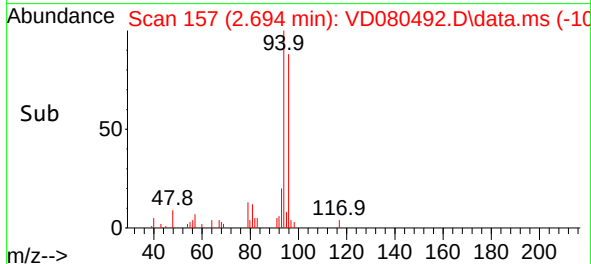
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Tgt Ion: 94 Resp: 10439
Ion Ratio Lower Upper
94 100
96 88.2 74.8 112.2

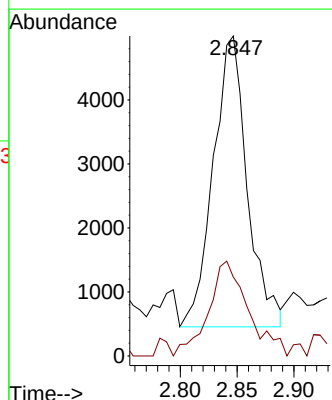
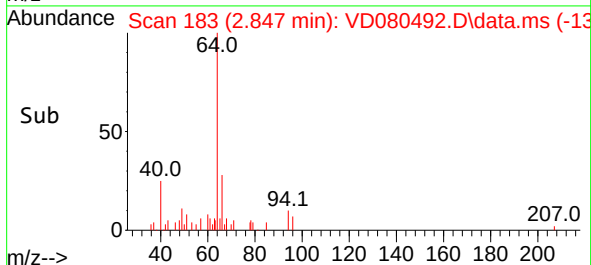
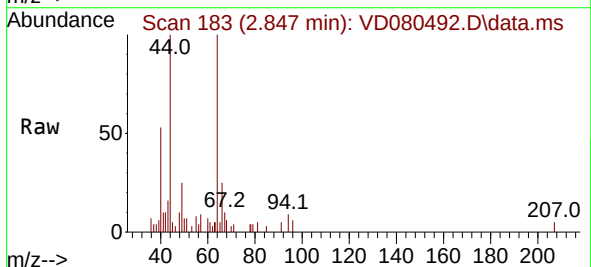
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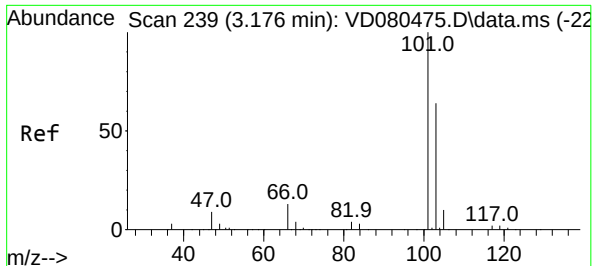
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#6
Chloroethane
Concen: 3.099 ug/l
RT: 2.847 min Scan# 183
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 64 Resp: 9488
Ion Ratio Lower Upper
64 100
66 23.2 26.3 39.5#





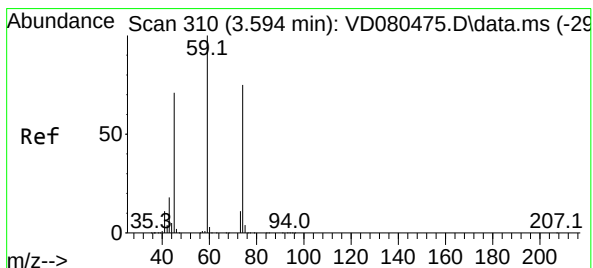
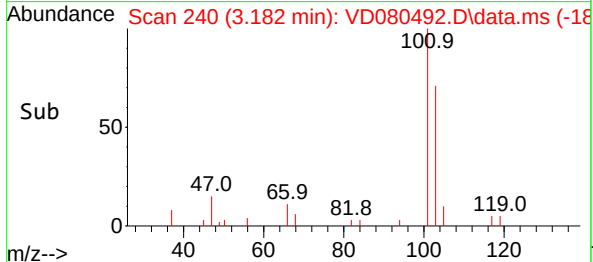
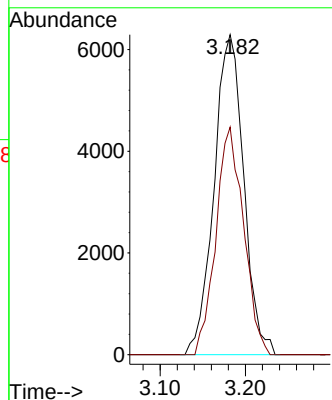
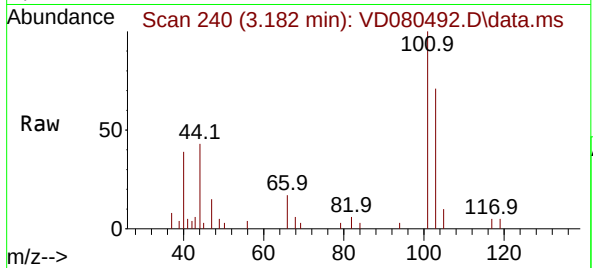
#7
Trichlorofluoromethane
Concen: 2.480 ug/l
RT: 3.182 min Scan# 240
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025

Tgt Ion:101 Resp: 15214
Ion Ratio Lower Upper
101 100
103 71.1 51.3 76.9

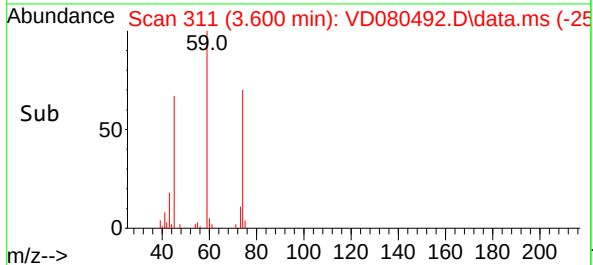
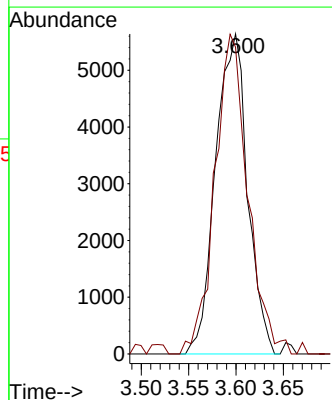
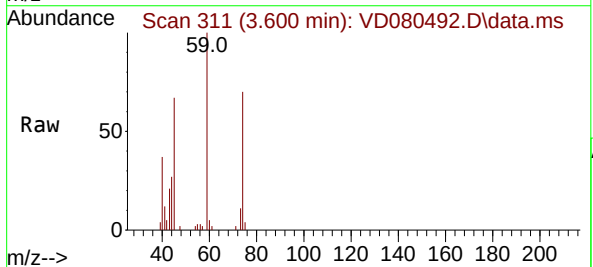
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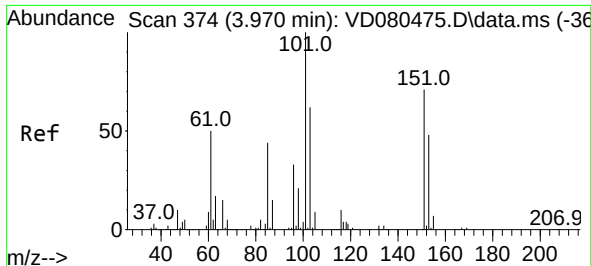
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#8
Diethyl Ether
Concen: 5.551 ug/l
RT: 3.600 min Scan# 311
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 74 Resp: 13257
Ion Ratio Lower Upper
74 100
45 102.8 46.6 139.8





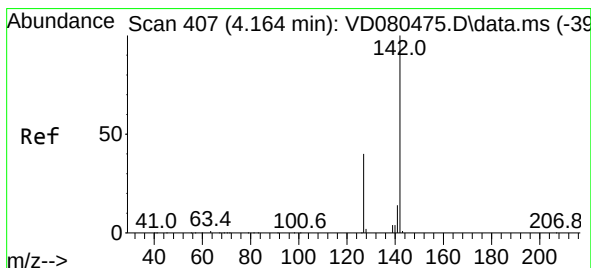
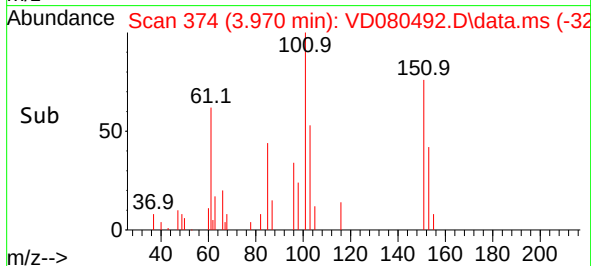
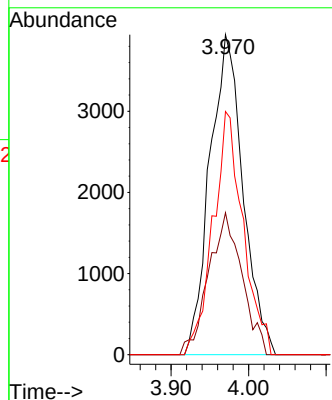
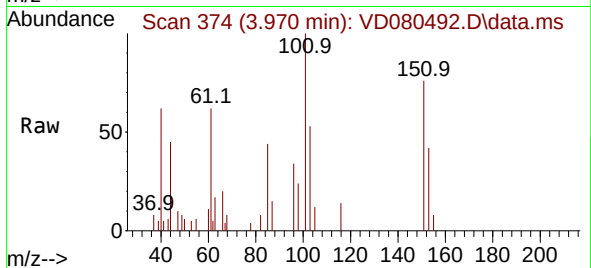
#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.889 ug/l
RT: 3.970 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025

Tgt Ion:101 Resp: 1172
Ion Ratio Lower Upper
101 100
85 44.6 34.0 51.0
151 68.8 58.4 87.6

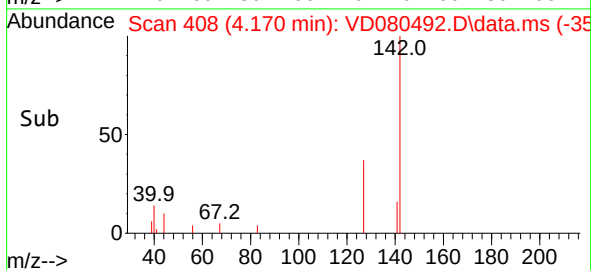
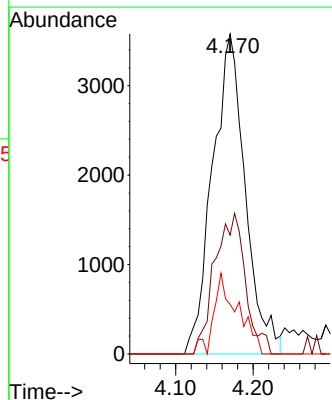
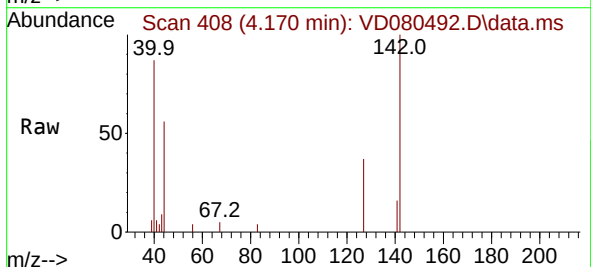
Manual Integrations
APPROVED

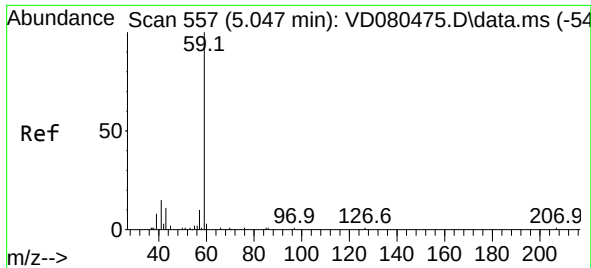
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#10
Methyl Iodide
Concen: 2.201 ug/l
RT: 4.170 min Scan# 408
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

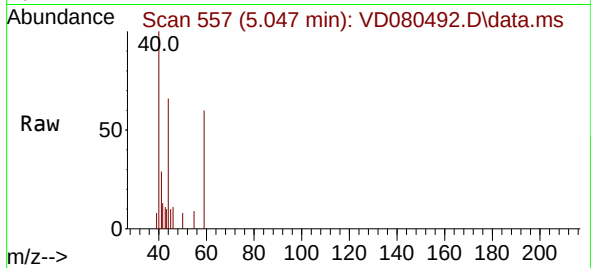
Tgt Ion:142 Resp: 10518
Ion Ratio Lower Upper
142 100
127 41.3 32.6 49.0
141 18.6 11.1 16.7#





#11
Tert butyl alcohol
Concen: 12.689 ug/l
RT: 5.047 min Scan# 51
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

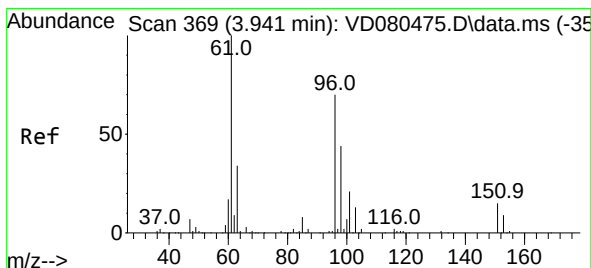
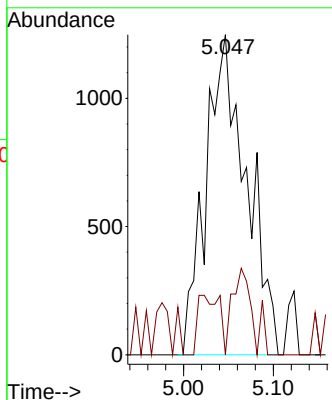
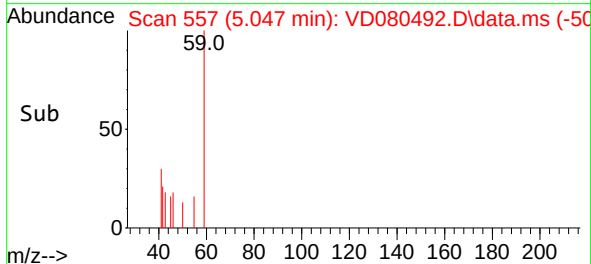
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



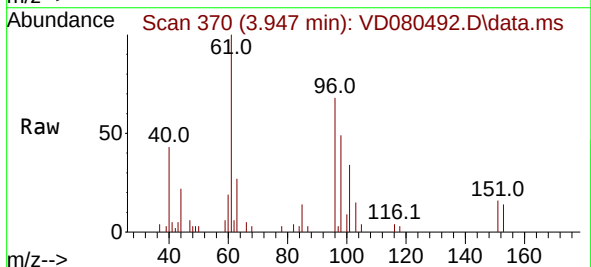
Tgt Ion: 59 Resp: 392
Ion Ratio Lower Upper
59 100
57 11.4 8.8 13.2

Manual Integrations
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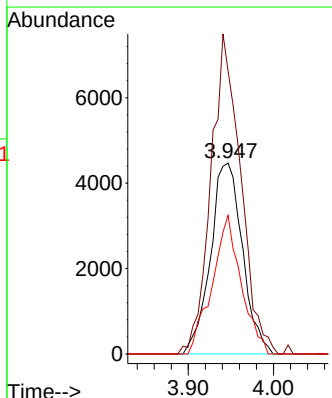
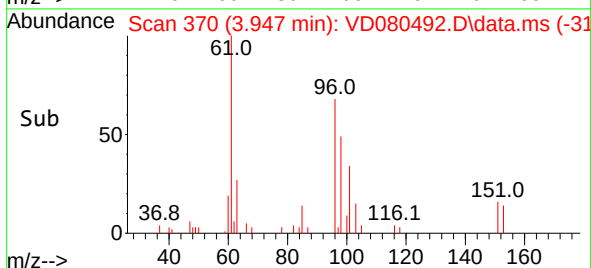
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

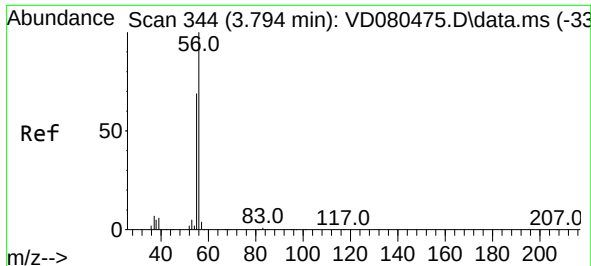


#12
1,1-Dichloroethene
Concen: 2.660 ug/l
RT: 3.947 min Scan# 370
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion: 96 Resp: 11657
Ion Ratio Lower Upper
96 100
61 148.1 114.9 172.3
98 72.6 50.5 75.7





#13

Acrolein

Concen: 5.755 ug/l

RT: 3.800 min Scan# 344

Delta R.T. 0.006 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

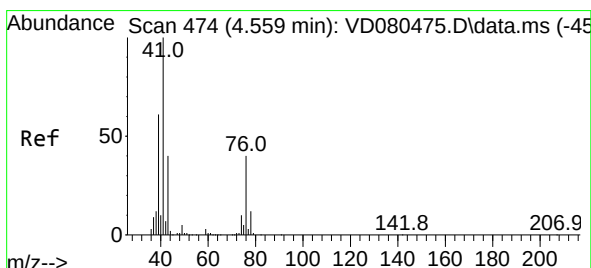
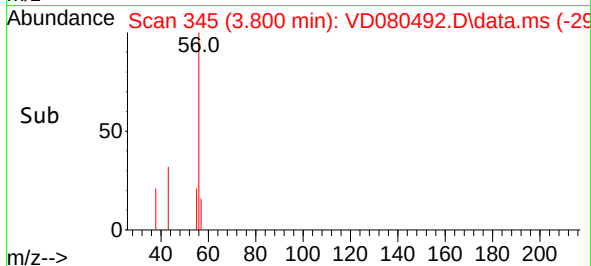
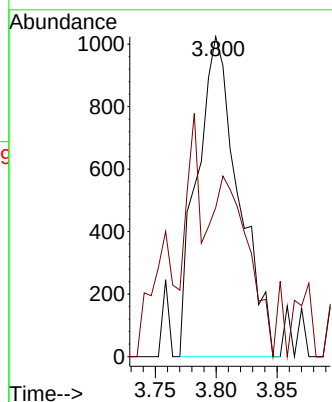
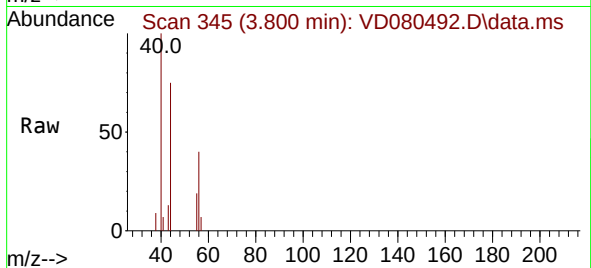
MDL-SOIL-03-QT2-2025

Tgt Ion: 56 Resp: 2424
 Ion Ratio Lower Upper
 56 100
 55 46.0 56.2 84.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#14

Allyl chloride

Concen: 2.379 ug/l

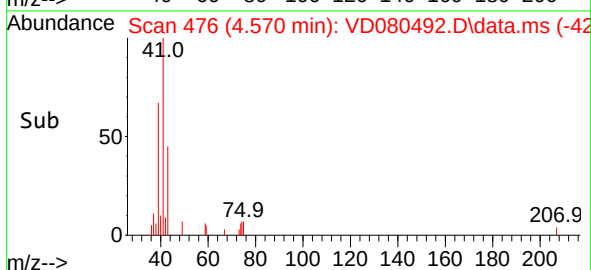
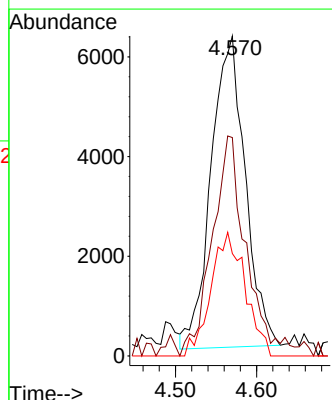
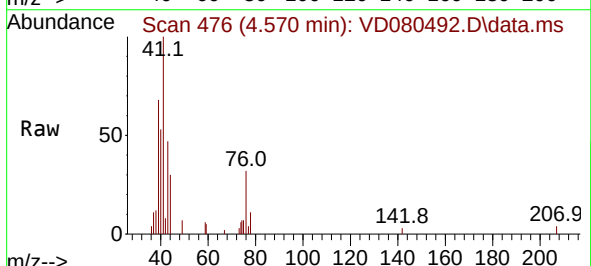
RT: 4.570 min Scan# 476

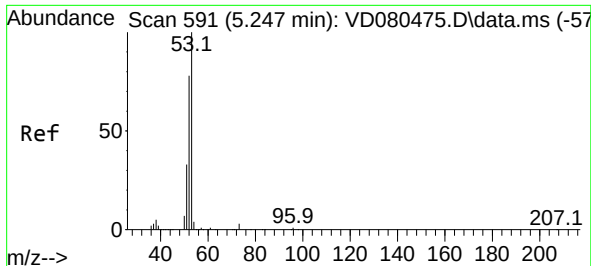
Delta R.T. 0.012 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

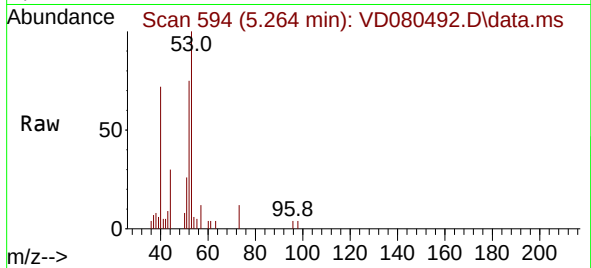
Tgt Ion: 41 Resp: 18256
 Ion Ratio Lower Upper
 41 100
 39 70.3 47.4 71.2
 76 39.8 30.5 45.7





#15
Acrylonitrile
Concen: 12.775 ug/l
RT: 5.264 min Scan# 591
Delta R.T. 0.017 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

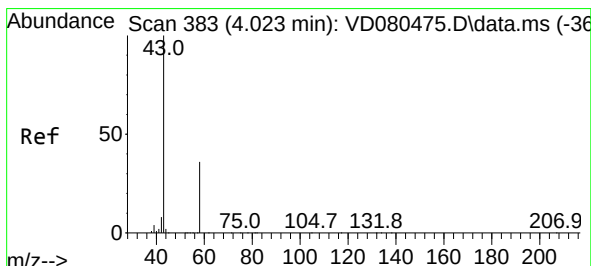
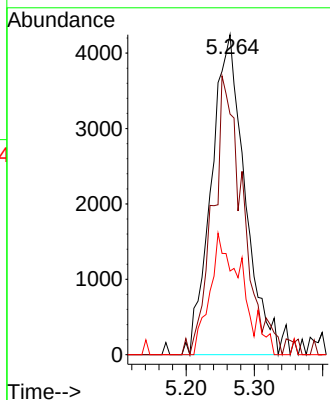
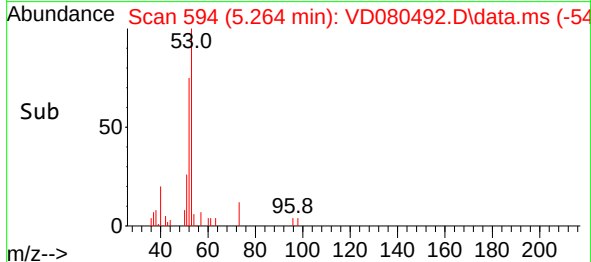
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 53 Resp: 14510
Ion Ratio Lower Upper
53 100
52 78.6 64.7 97.1
51 33.1 27.9 41.9

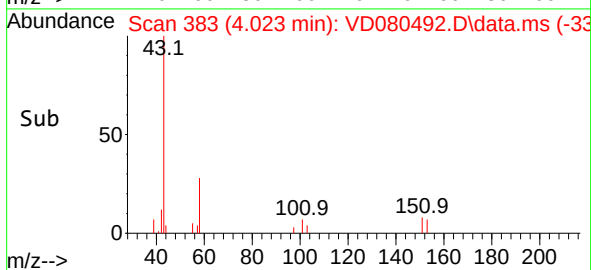
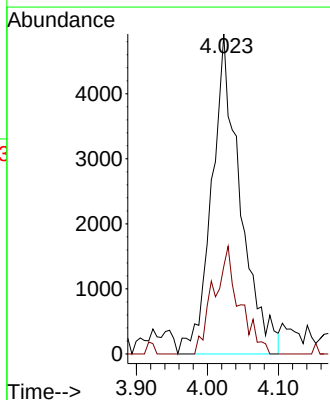
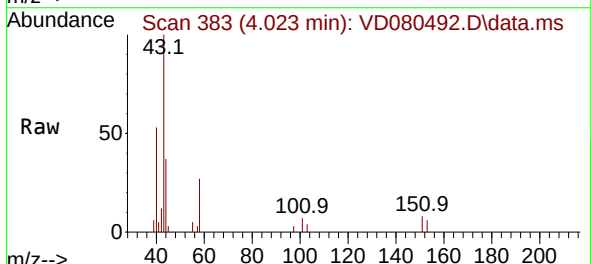
Manual Integrations
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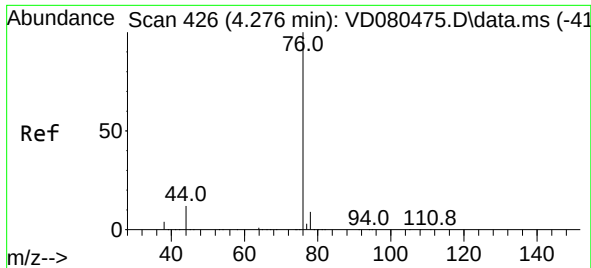
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#16
Acetone
Concen: 13.961 ug/l
RT: 4.023 min Scan# 383
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 43 Resp: 13693
Ion Ratio Lower Upper
43 100
58 27.4 29.0 43.4#





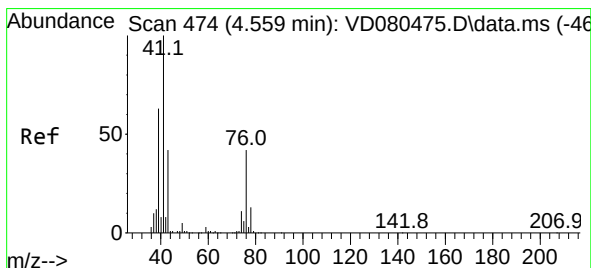
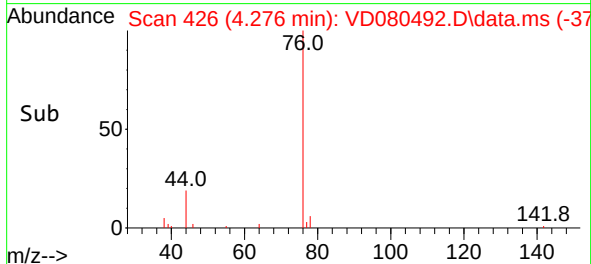
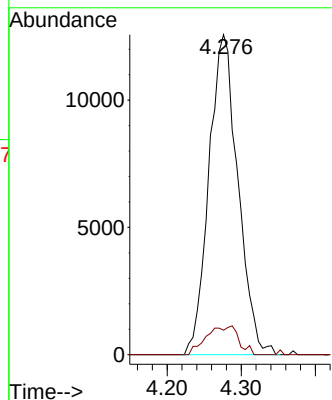
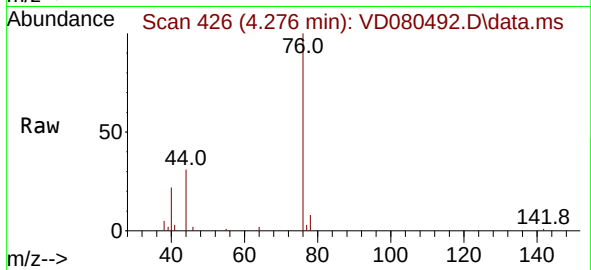
#17
Carbon Disulfide
Concen: 2.470 ug/l
RT: 4.276 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025

Tgt Ion: 76 Resp: 3418
Ion Ratio Lower Upper
76 100
78 7.7 7.2 10.8

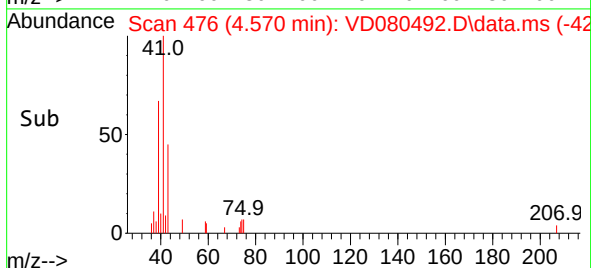
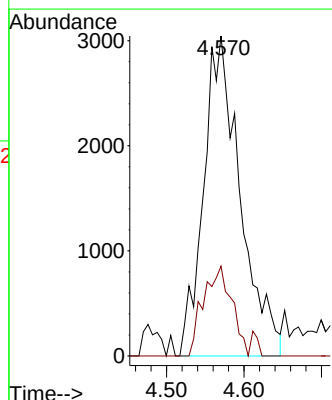
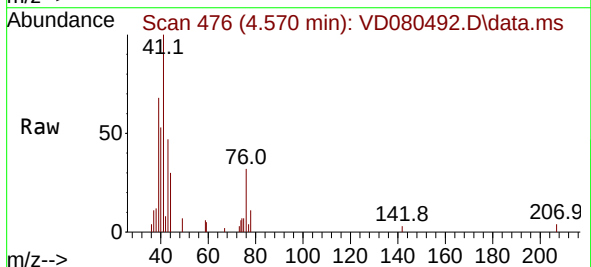
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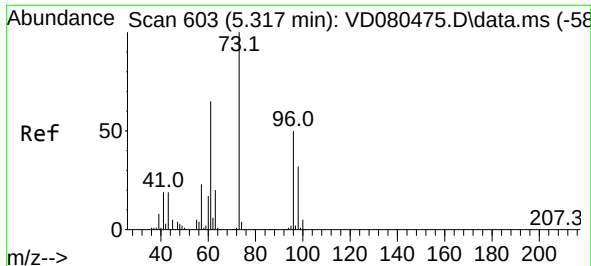
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#18
Methyl Acetate
Concen: 3.359 ug/l
RT: 4.570 min Scan# 476
Delta R.T. 0.012 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

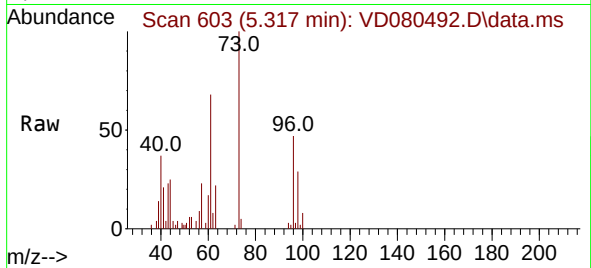
Tgt Ion: 43 Resp: 10022
Ion Ratio Lower Upper
43 100
74 21.7 20.4 30.6





#19
Methyl tert-butyl Ether
Concen: 2.547 ug/l
RT: 5.317 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

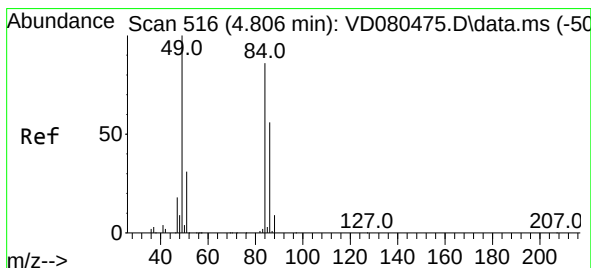
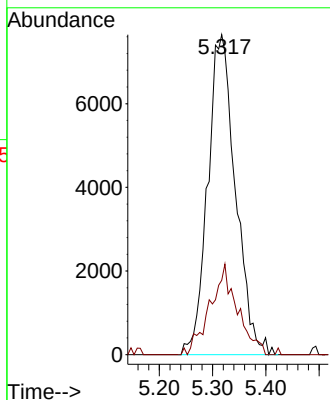
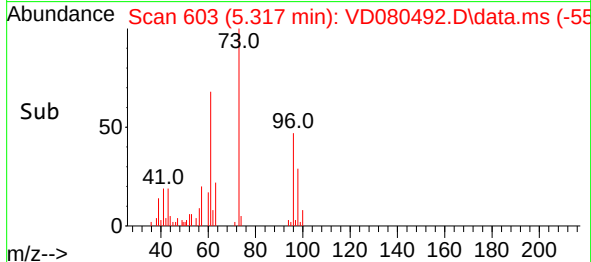
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



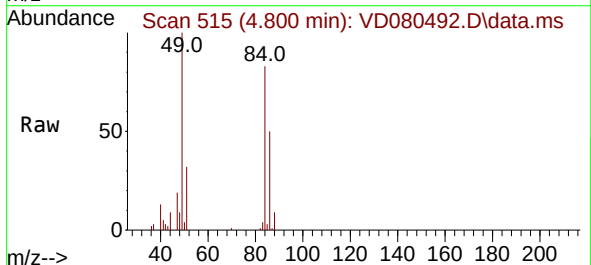
Tgt Ion: 73 Resp: 2773
Ion Ratio Lower Upper
73 100
57 23.2 18.5 27.7

Manual Integrations
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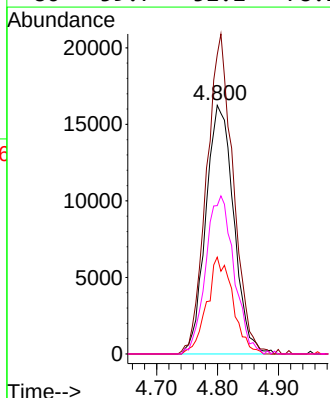
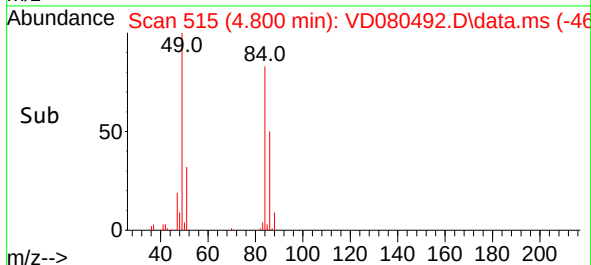
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

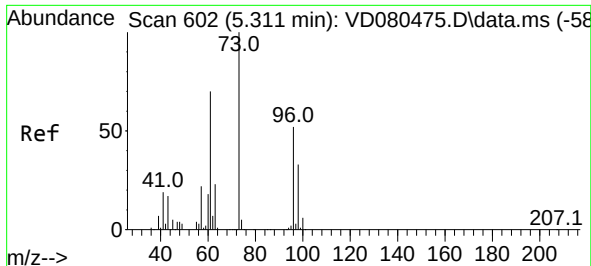


#20
Methylene Chloride
Concen: 6.941 ug/l
RT: 4.800 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



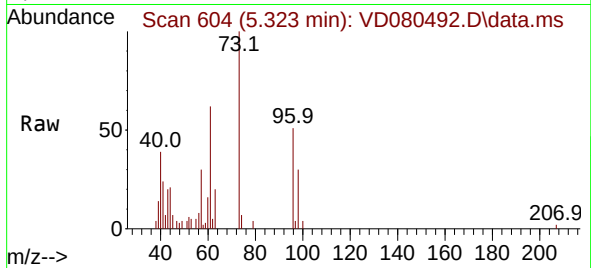
Tgt Ion: 84 Resp: 51770
Ion Ratio Lower Upper
84 100
49 120.3 92.8 139.2
51 38.9 29.0 43.6
86 59.7 52.2 78.2





#21
trans-1,2-Dichloroethene
Concen: 2.527 ug/l
RT: 5.323 min Scan# 602
Delta R.T. 0.012 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

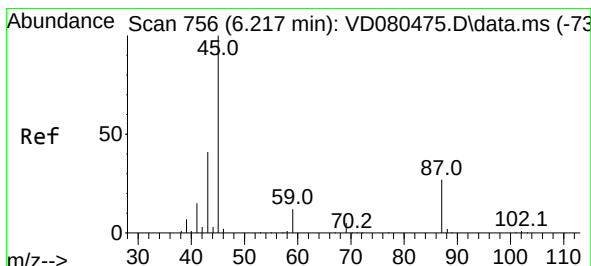
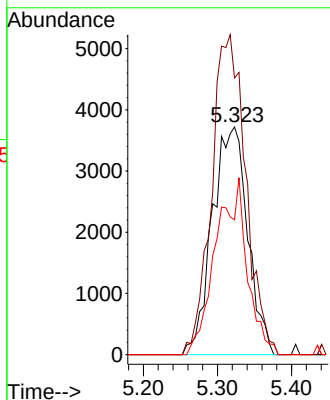
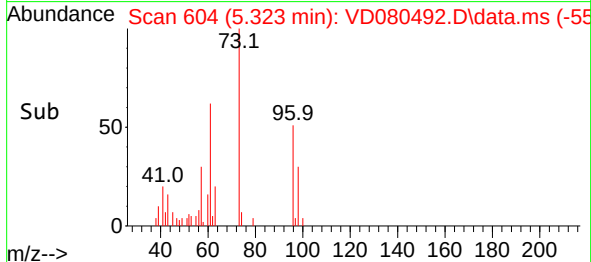
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



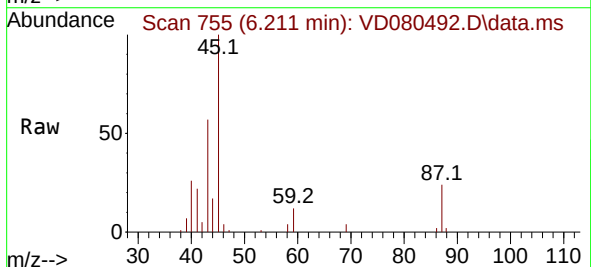
Tgt Ion: 96 Resp: 12350
Ion Ratio Lower Upper
96 100
61 121.5 108.6 163.0
98 59.2 51.5 77.3

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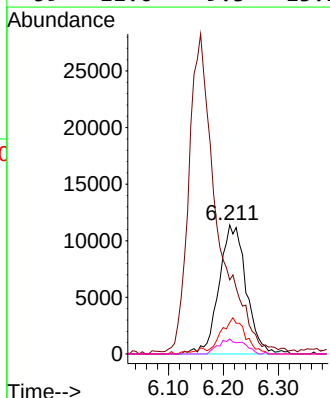
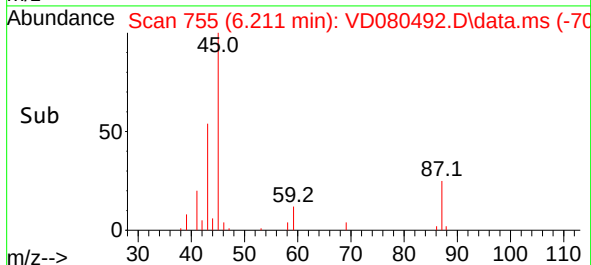
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

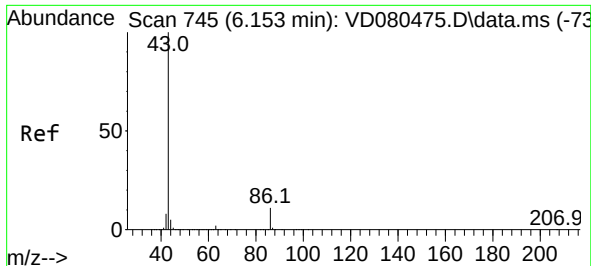


#22
Diisopropyl ether
Concen: 2.630 ug/l
RT: 6.211 min Scan# 755
Delta R.T. -0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion: 45 Resp: 38971
Ion Ratio Lower Upper
45 100
43 54.1 39.5 59.3
87 24.5 22.3 33.5
59 11.6 9.3 13.9





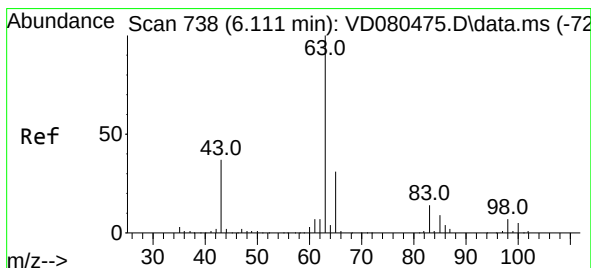
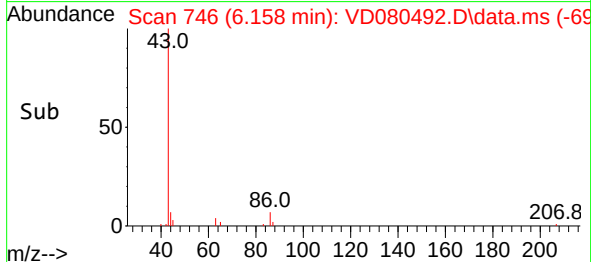
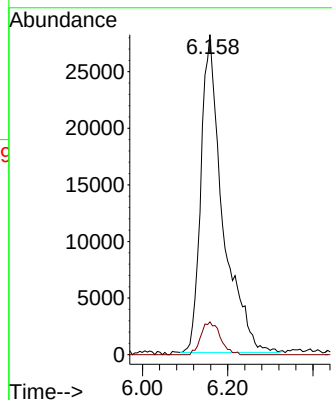
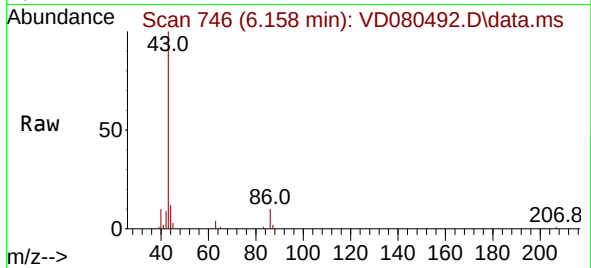
#23
 Vinyl Acetate
 Concen: 11.845 ug/l
 RT: 6.158 min Scan# 745
 Delta R.T. 0.006 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2025

Tgt Ion: 43 Resp: 10000
 Ion Ratio Lower Upper
 43 100
 86 10.3 8.7 13.1

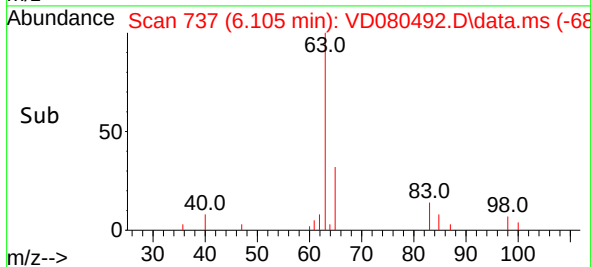
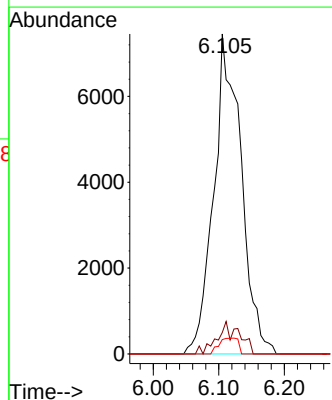
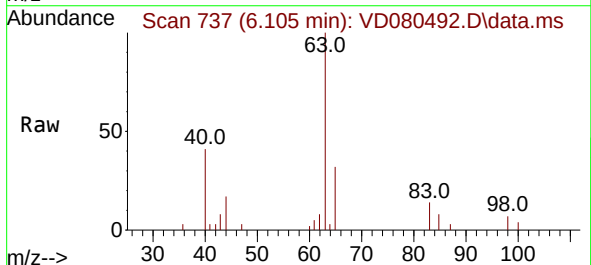
Manual Integrations
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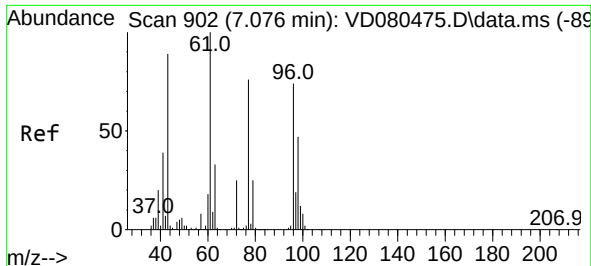
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#24
 1,1-Dichloroethane
 Concen: 2.488 ug/l
 RT: 6.105 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Tgt Ion: 63 Resp: 21630
 Ion Ratio Lower Upper
 63 100
 98 6.7 3.3 9.9
 100 4.5 2.5 7.4





#25

2-Butanone

Concen: 12.748 ug/l

RT: 7.088 min Scan# 904

Delta R.T. 0.012 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion: 43 Resp: 1835

Ion Ratio Lower Upper

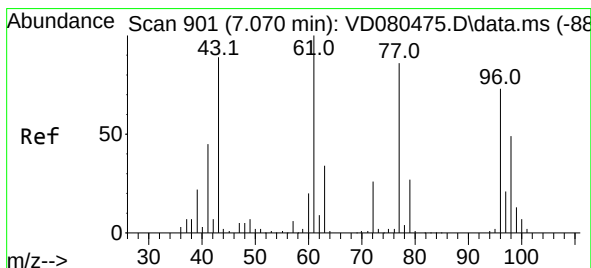
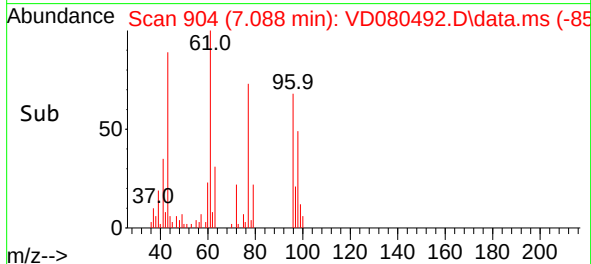
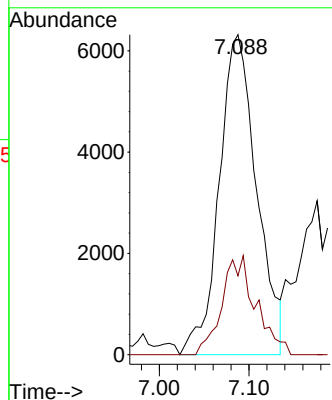
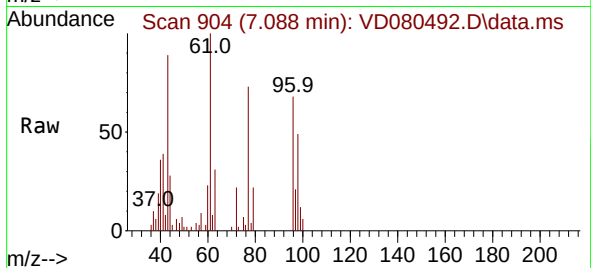
43 100

72 24.7 22.8 34.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#26

2,2-Dichloropropane

Concen: 2.566 ug/l

RT: 7.082 min Scan# 903

Delta R.T. 0.012 min

Lab File: VD080492.D

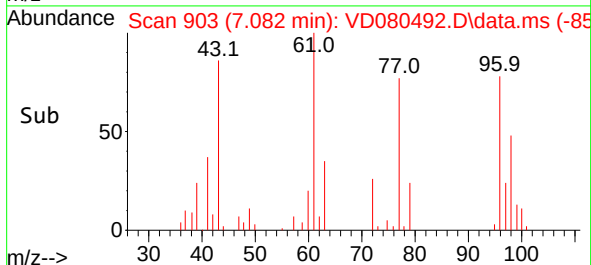
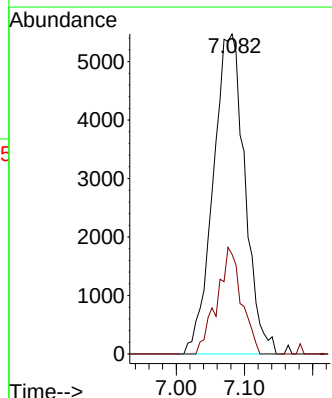
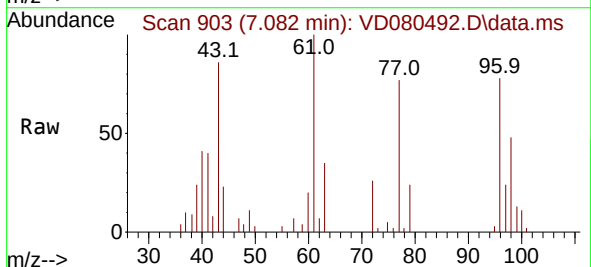
Acq: 27 Jun 2025 13:39

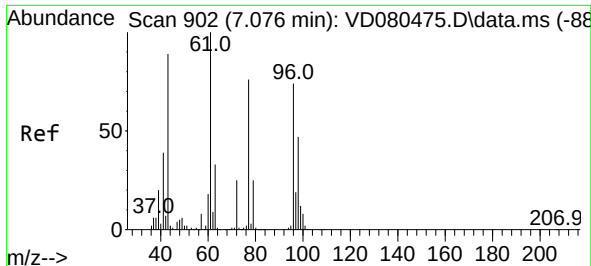
Tgt Ion: 77 Resp: 17655

Ion Ratio Lower Upper

77 100

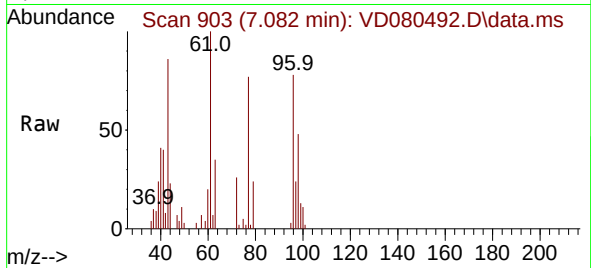
97 25.9 12.2 36.6





#27
 cis-1,2-Dichloroethene
 Concen: 2.426 ug/l
 RT: 7.082 min Scan# 902
 Delta R.T. 0.006 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

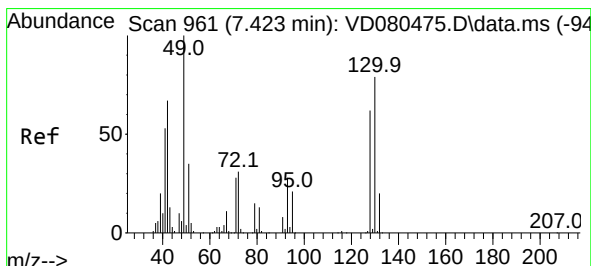
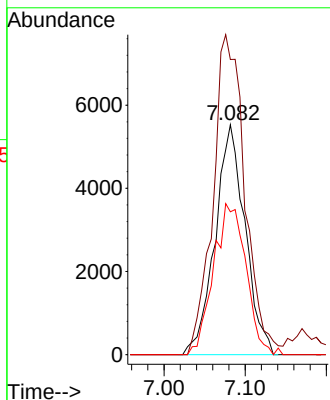
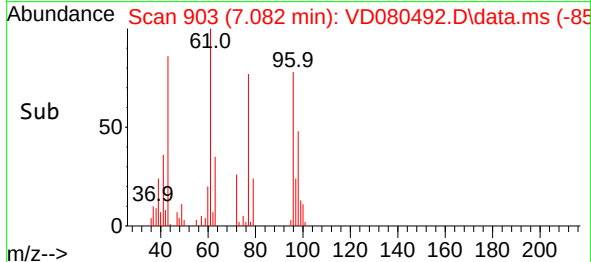
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT2-2025



Tgt Ion: 96 Resp: 14178
 Ion Ratio Lower Upper
 96 100
 61 147.9 0.0 274.6
 98 71.2 0.0 128.0

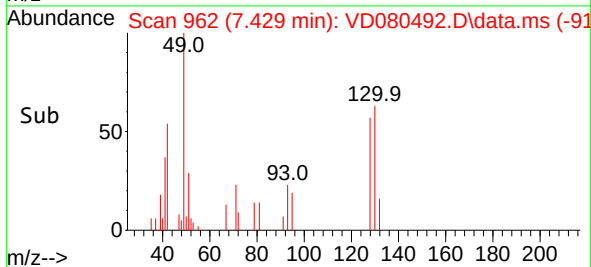
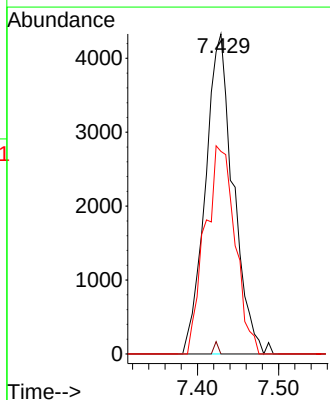
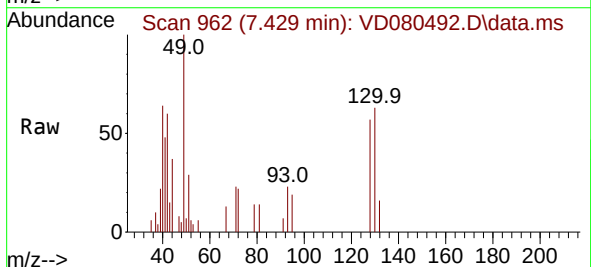
Manual Integrations
 APPROVED

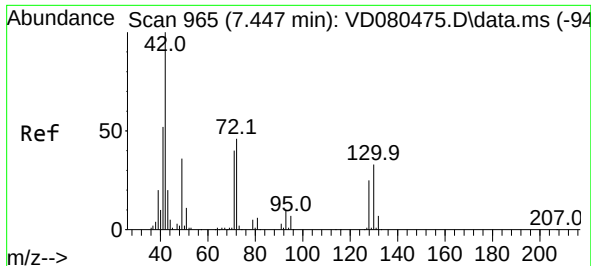
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#28
 Bromochloromethane
 Concen: 3.019 ug/l
 RT: 7.429 min Scan# 962
 Delta R.T. 0.006 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Tgt Ion: 49 Resp: 10349
 Ion Ratio Lower Upper
 49 100
 129 0.6 0.0 4.2
 130 69.9 62.8 94.2





#29

Tetrahydrofuran

Concen: 13.863 ug/l

RT: 7.446 min Scan# 90

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

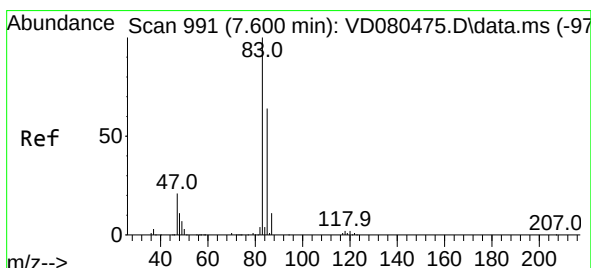
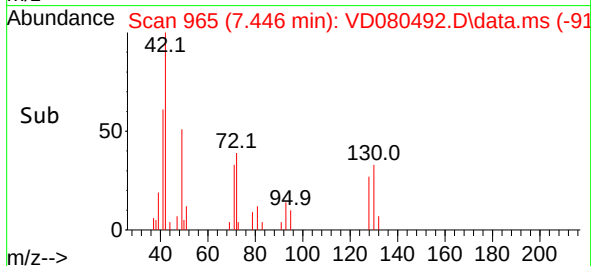
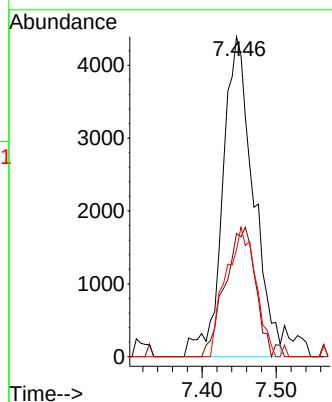
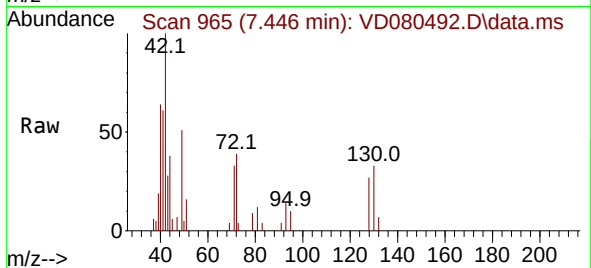
MDL-SOIL-03-QT2-2025

Tgt Ion:	42	Resp:	1257
Ion Ratio	Lower	Upper	
42	100		
72	40.7	35.9	53.9
71	39.9	33.2	49.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#30

Chloroform

Concen: 2.585 ug/l

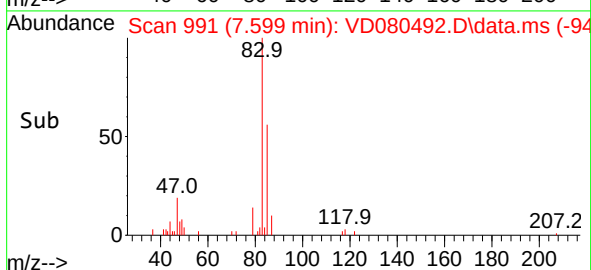
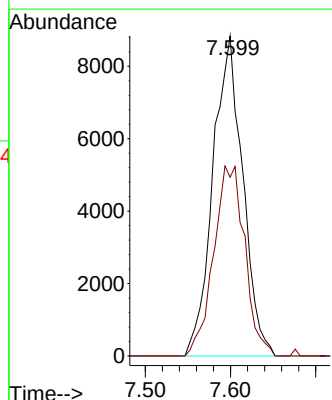
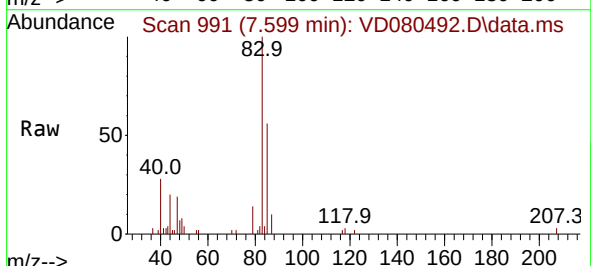
RT: 7.599 min Scan# 991

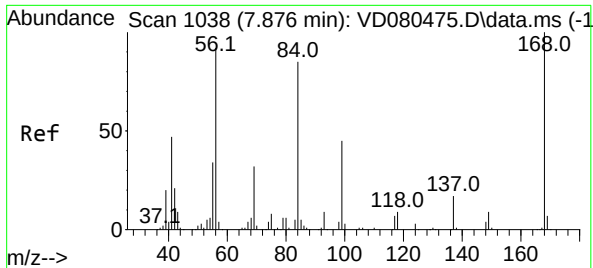
Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

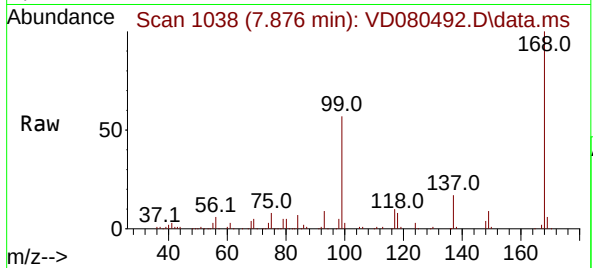
Tgt Ion:	83	Resp:	21516
Ion Ratio	Lower	Upper	
83	100		
85	55.9	51.2	76.8





#31
Cyclohexane
Concen: 3.359 ug/l
RT: 7.876 min Scan# 1038
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

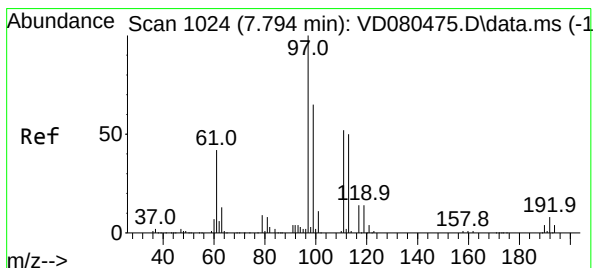
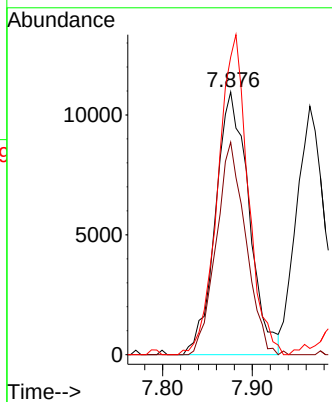
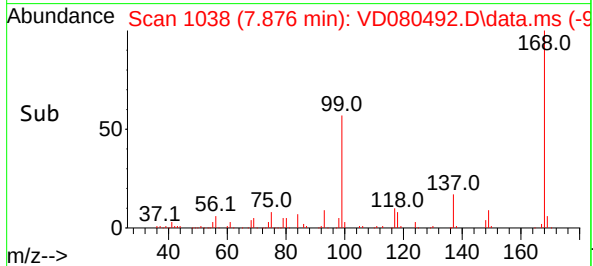
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



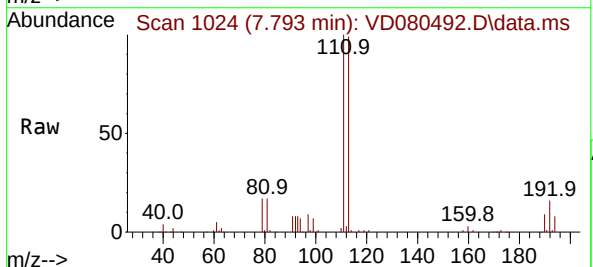
Tgt Ion: 56 Resp: 2829
Ion Ratio Lower Upper
56 100
69 80.8 28.1 42.1
84 113.2 73.7 110.5

Manual Integrations
APPROVED

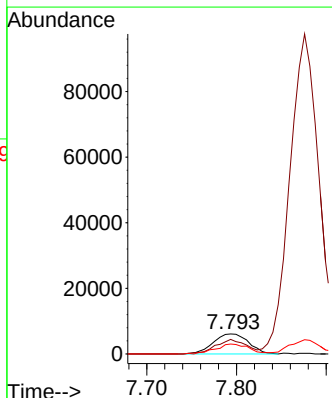
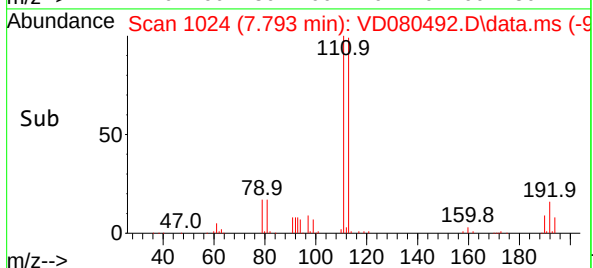
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

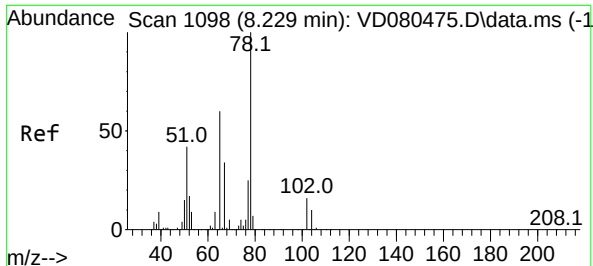


#32
1,1,1-Trichloroethane
Concen: 2.399 ug/l
RT: 7.793 min Scan# 1024
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion: 97 Resp: 16693
Ion Ratio Lower Upper
97 100
99 63.3 51.5 77.3
61 46.3 33.8 50.6





#33

1,2-Dichloroethane-d4

Concen: 55.317 ug/l

RT: 8.229 min Scan# 1098

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion: 65 Resp: 20999

Ion Ratio Lower Upper

65 100

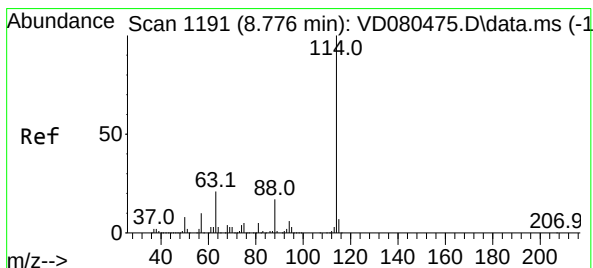
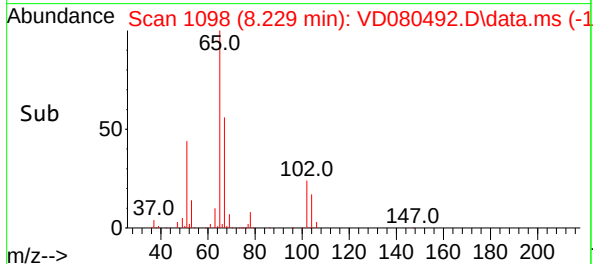
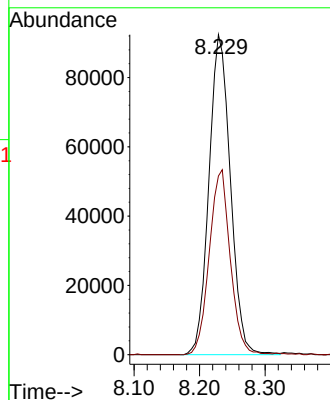
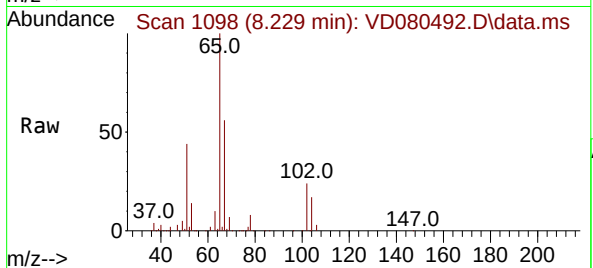
67 56.5 0.0 113.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.776 min Scan# 1191

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

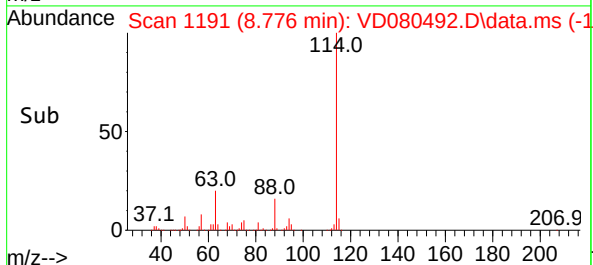
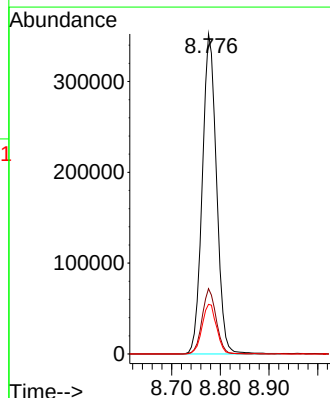
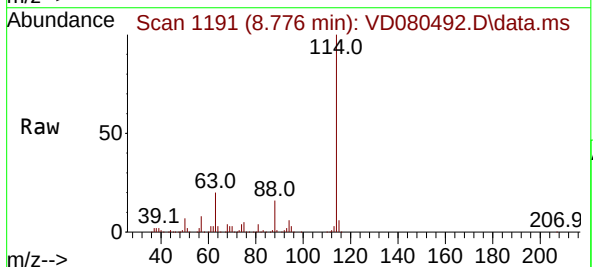
Tgt Ion:114 Resp: 715627

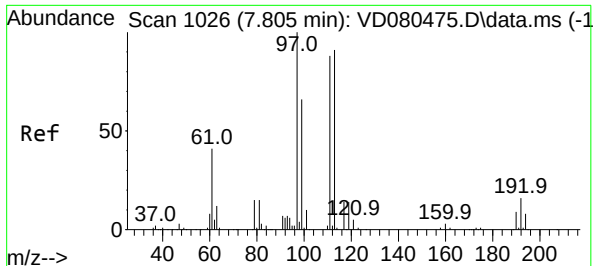
Ion Ratio Lower Upper

114 100

63 20.4 0.0 42.0

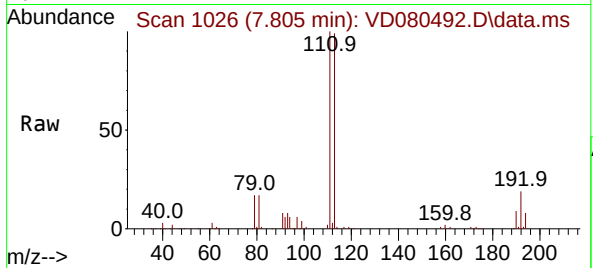
88 15.5 0.0 33.8





#35
Dibromofluoromethane
Concen: 56.044 ug/l
RT: 7.805 min Scan# 1026
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

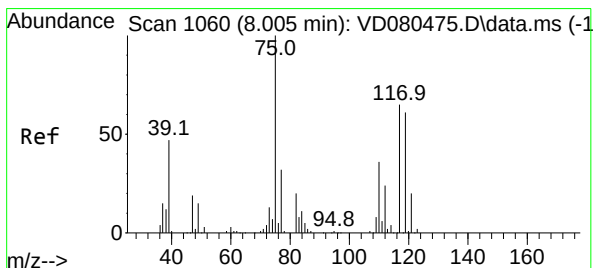
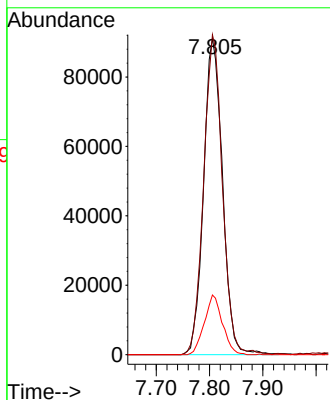
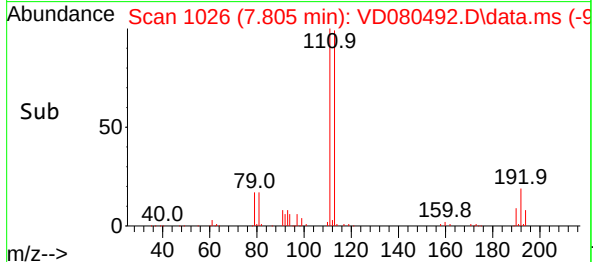
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:113 Resp: 22458
Ion Ratio Lower Upper
113 100
111 100.6 82.5 123.7
192 18.0 15.0 22.6

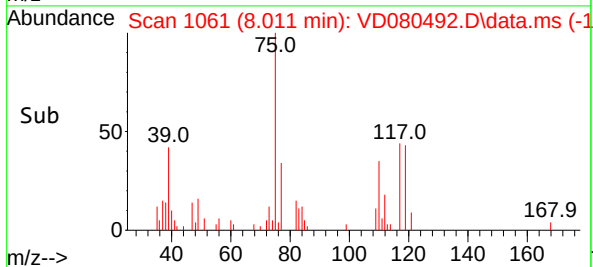
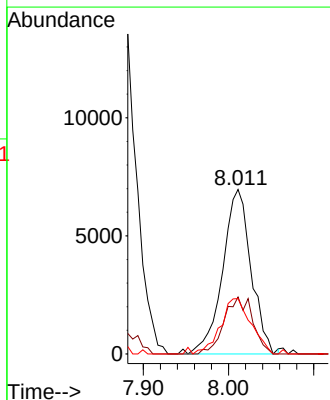
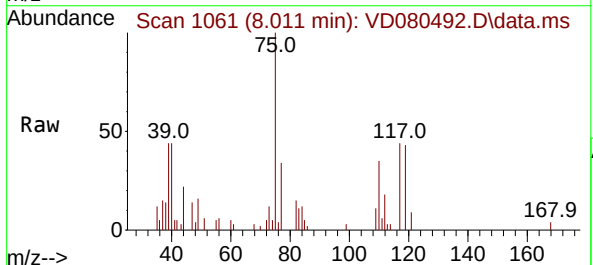
Manual Integrations
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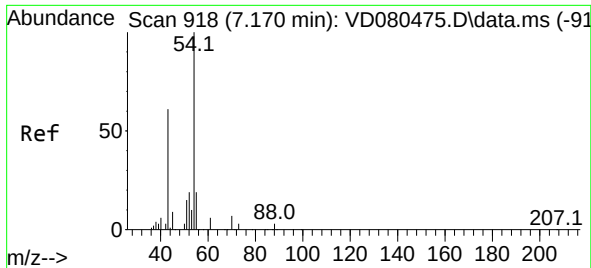
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#36
1,1-Dichloropropene
Concen: 2.599 ug/l
RT: 8.011 min Scan# 1061
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

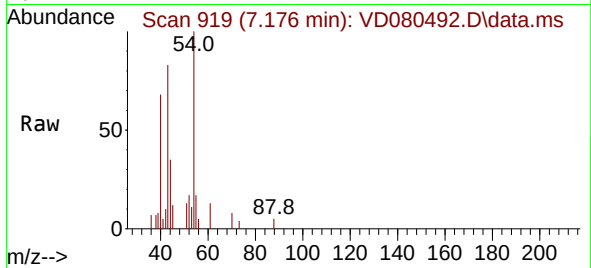
Tgt Ion: 75 Resp: 16263
Ion Ratio Lower Upper
75 100
110 34.6 18.2 54.6
77 35.8 25.2 37.8





#37
Ethyl Acetate
Concen: 3.033 ug/l m
RT: 7.176 min Scan# 918
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

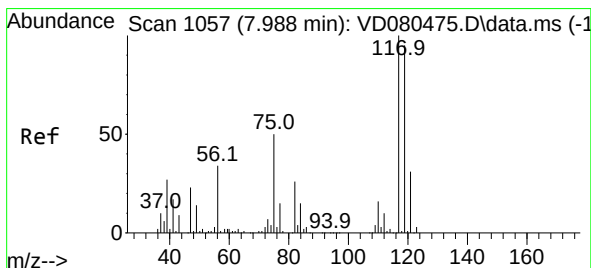
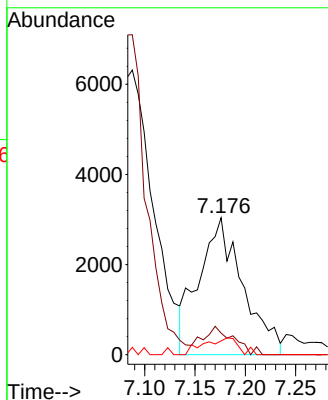
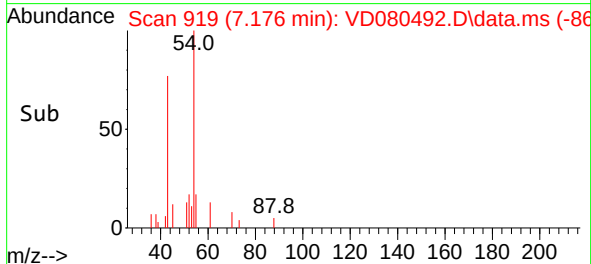
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 43 Resp: 9225
Ion Ratio Lower Upper
43 100
61 14.4 12.2 18.2
70 9.6 9.2 13.8

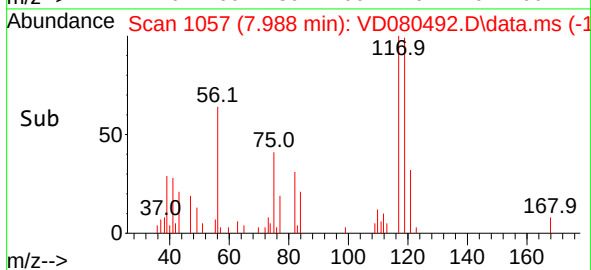
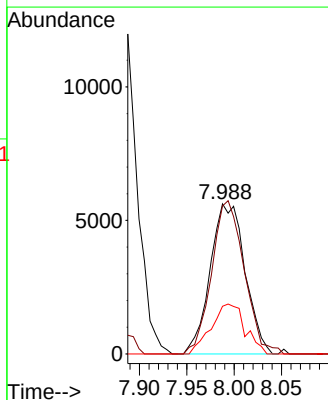
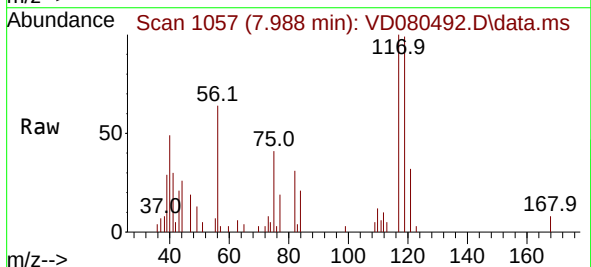
Manual Integrations
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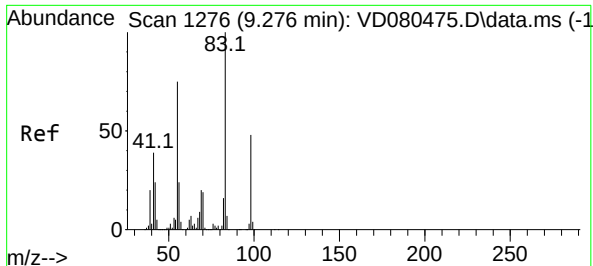
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#38
Carbon Tetrachloride
Concen: 2.412 ug/l
RT: 7.988 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:117 Resp: 14421
Ion Ratio Lower Upper
117 100
119 98.6 75.8 113.6
121 31.8 25.0 37.4





#39

Methylcyclohexane

Concen: 2.650 ug/l

RT: 9.276 min Scan# 1102

Delta R.T. -0.000 min

Lab File: VD080492.D

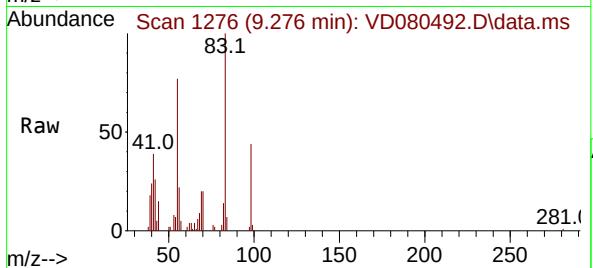
Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

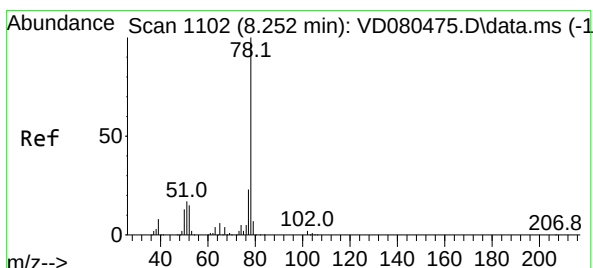
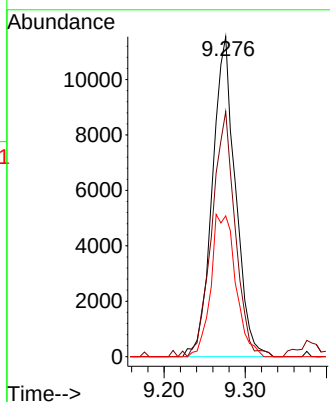
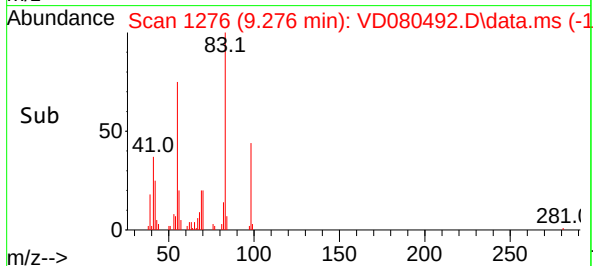


Tgt Ion:	83	Resp:	22830
Ion	Ratio	Lower	Upper
83	100		
55	76.6	59.8	89.8
98	44.0	38.2	57.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#40

Benzene

Concen: 2.553 ug/l

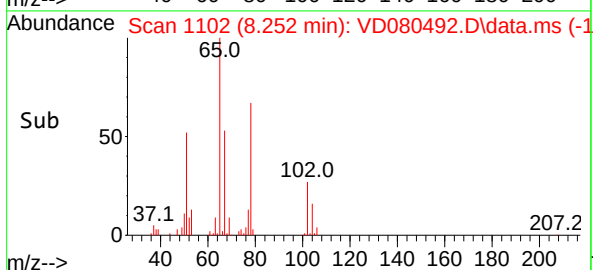
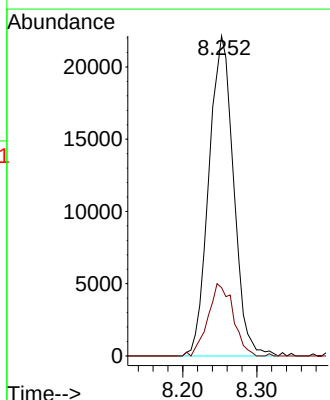
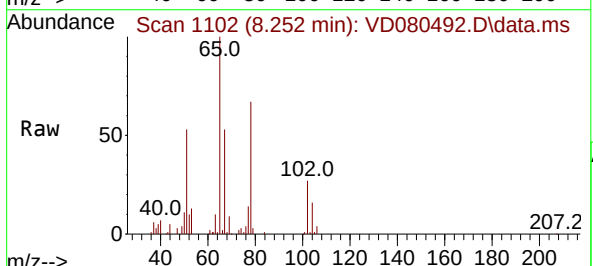
RT: 8.252 min Scan# 1102

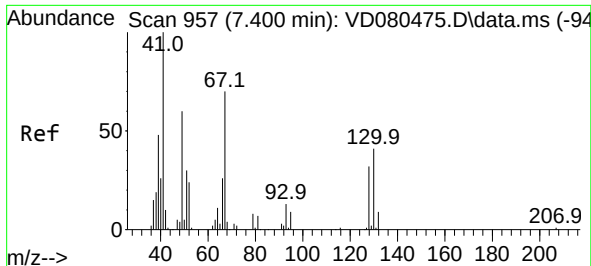
Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

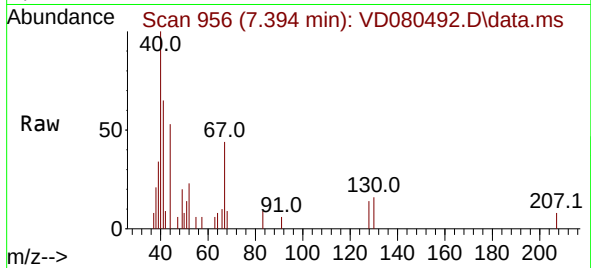
Tgt Ion:	78	Resp:	51280
Ion	Ratio	Lower	Upper
78	100		
77	21.3	18.6	28.0





#41
Methacrylonitrile
Concen: 2.018 ug/l
RT: 7.394 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

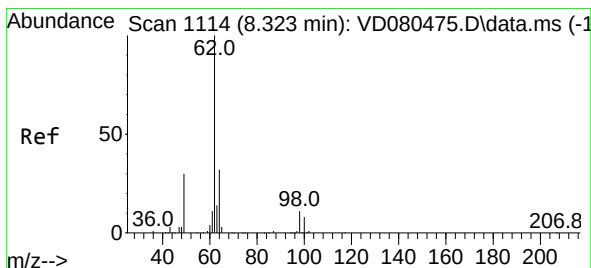
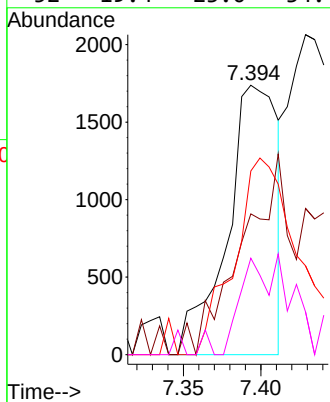
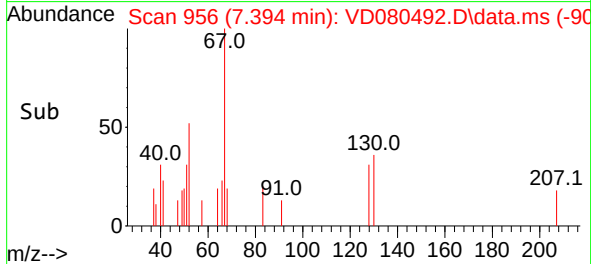
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 41 Resp: 3924
Ion Ratio Lower Upper
41 100
39 70.3 43.4 65.0
67 91.8 59.2 88.8
52 19.4 23.0 34.4

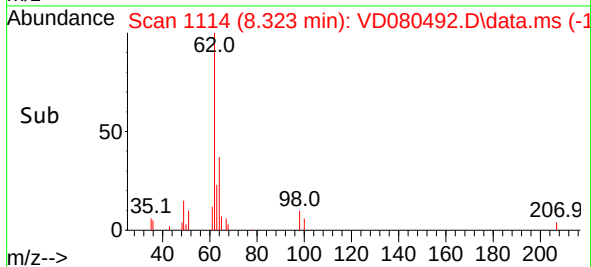
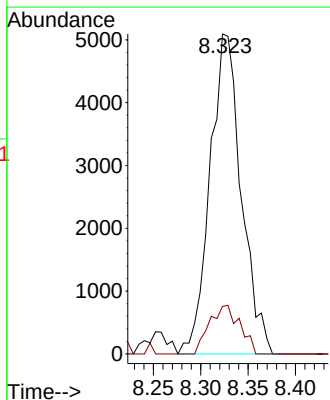
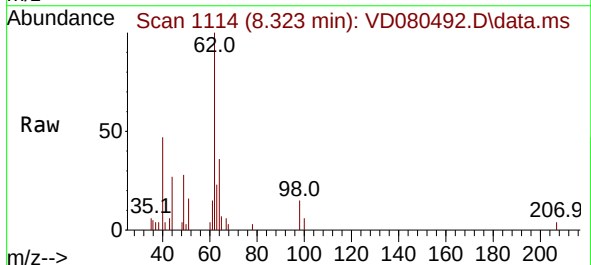
Manual Integrations
APPROVED

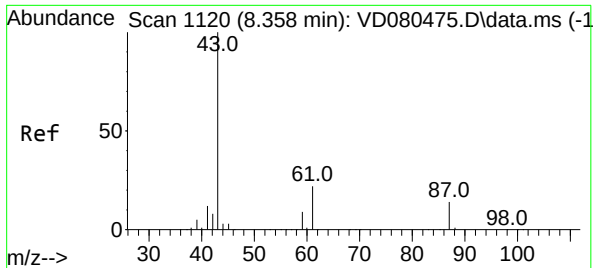
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#42
1,2-Dichloroethane
Concen: 2.483 ug/l
RT: 8.323 min Scan# 1114
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 62 Resp: 11734
Ion Ratio Lower Upper
62 100
98 14.7 0.0 22.0





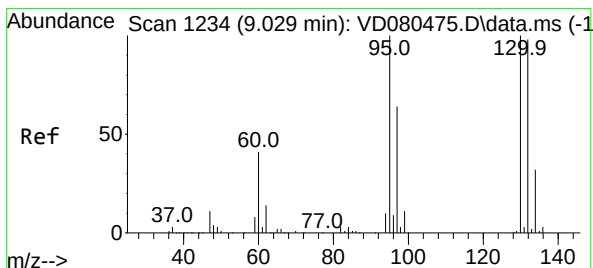
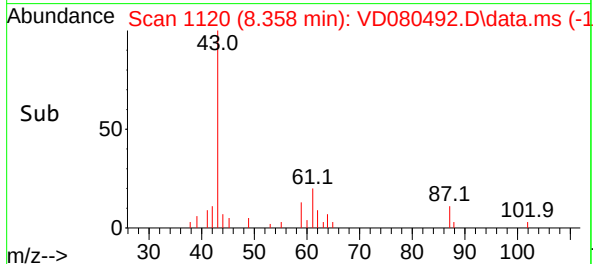
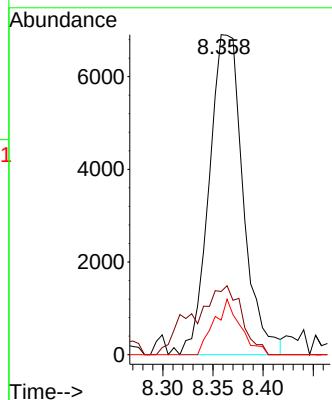
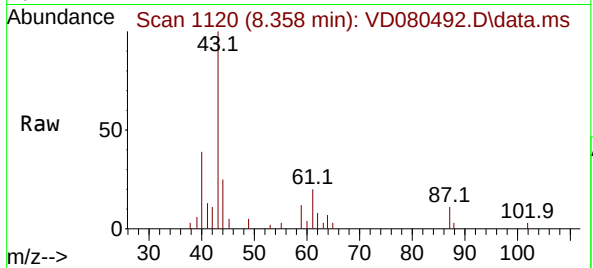
#43
Isopropyl Acetate
Concen: 2.719 ug/l
RT: 8.358 min Scan# 1120
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion: 43 Resp: 16278
Ion Ratio Lower Upper
43 100
61 30.7 24.4 36.6
87 13.5 11.4 17.2

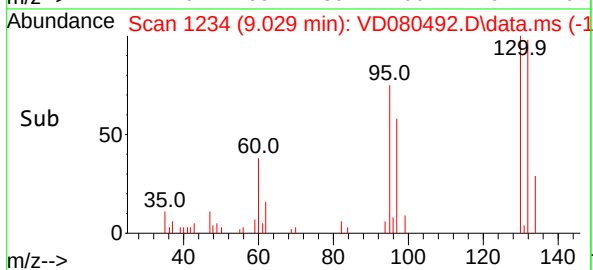
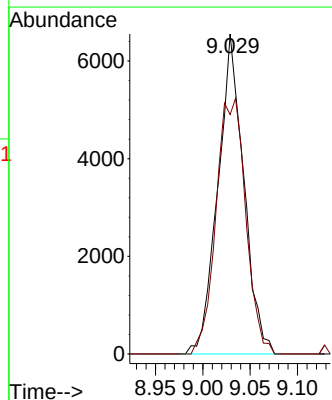
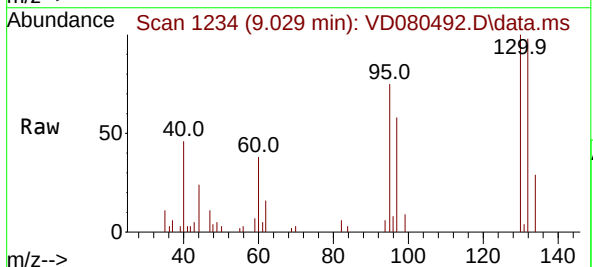
Manual Integrations
APPROVED

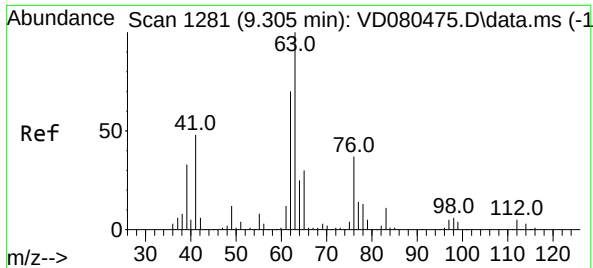
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#44
Trichloroethene
Concen: 2.553 ug/l
RT: 9.029 min Scan# 1234
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:130 Resp: 12429
Ion Ratio Lower Upper
130 100
95 74.8 0.0 200.6





#45

1,2-Dichloropropane

Concen: 2.514 ug/l

RT: 9.305 min Scan# 1281

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

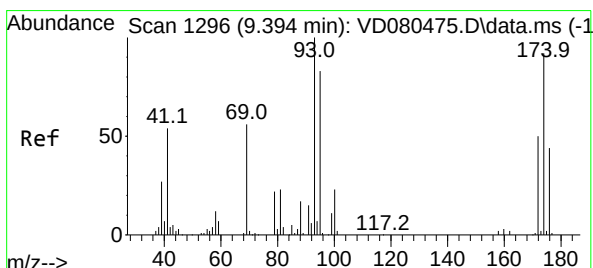
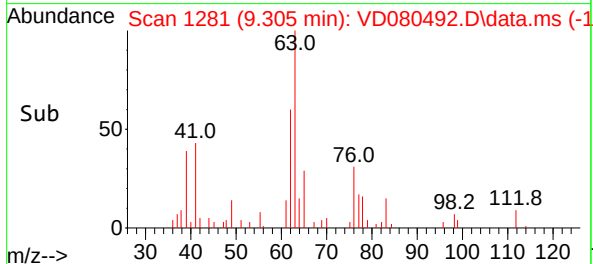
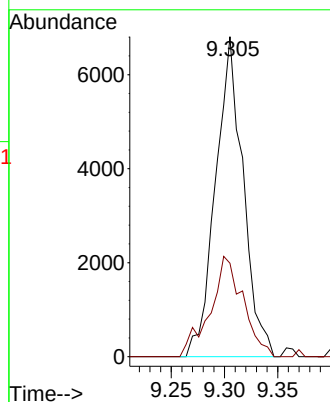
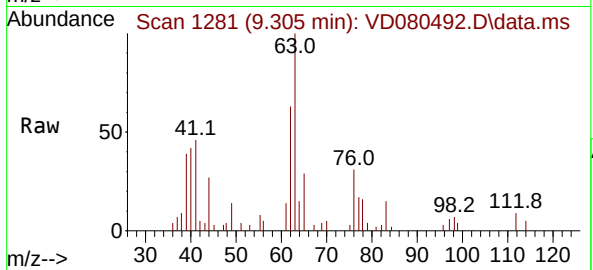
MDL-SOIL-03-QT2-2025

Tgt Ion: 63 Resp: 12240
 Ion Ratio Lower Upper
 63 100
 65 29.2 24.0 36.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#46

Dibromomethane

Concen: 2.610 ug/l

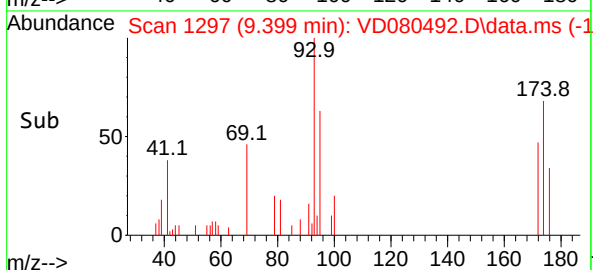
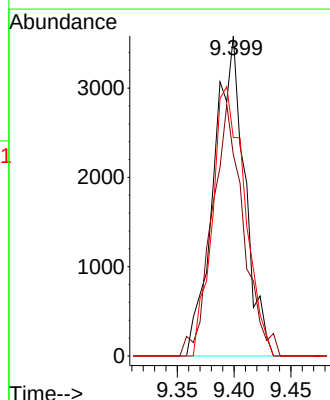
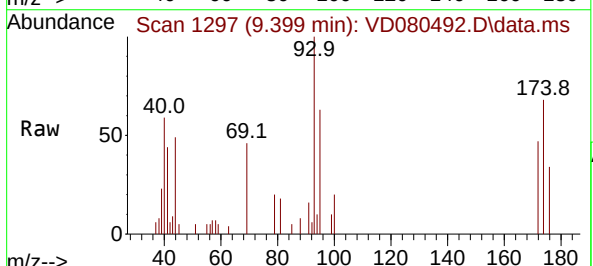
RT: 9.399 min Scan# 1297

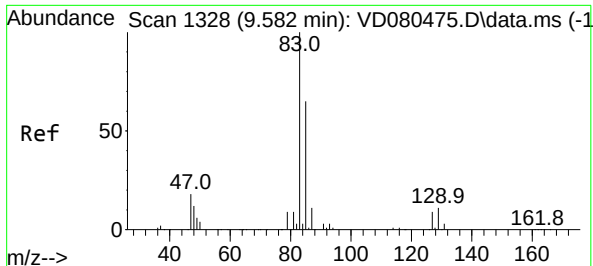
Delta R.T. 0.006 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

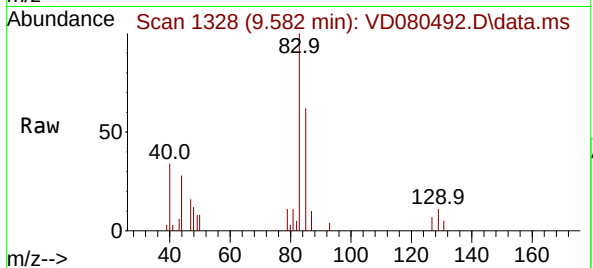
Tgt Ion: 93 Resp: 6778
 Ion Ratio Lower Upper
 93 100
 95 80.3 66.2 99.4
 174 88.5 75.4 113.0





#47
Bromodichloromethane
Concen: 2.489 ug/l
RT: 9.582 min Scan# 1328
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

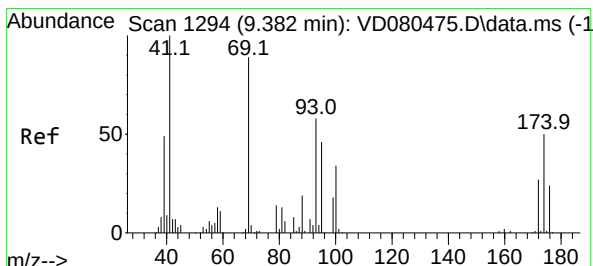
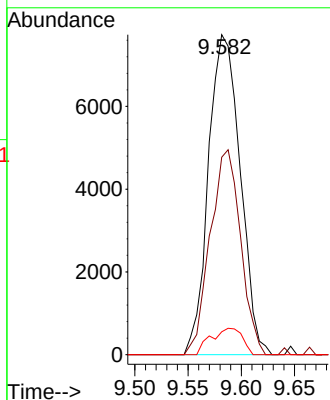
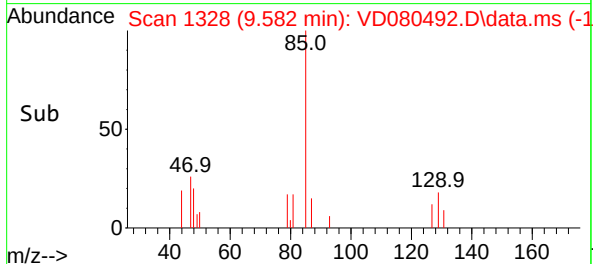
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 83 Resp: 16030
Ion Ratio Lower Upper
83 100
85 61.7 52.2 78.2
127 7.1 6.9 10.3

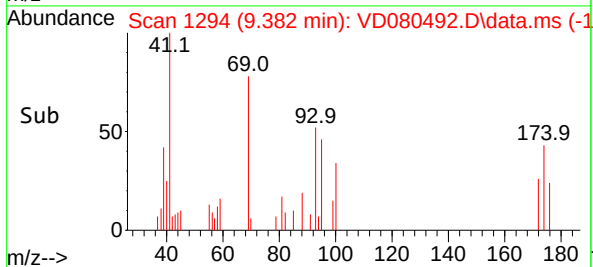
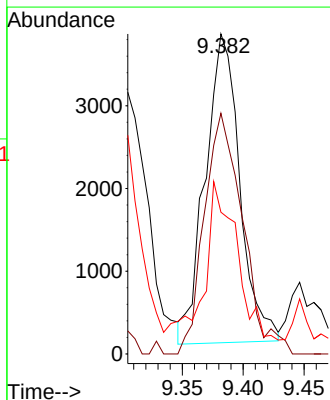
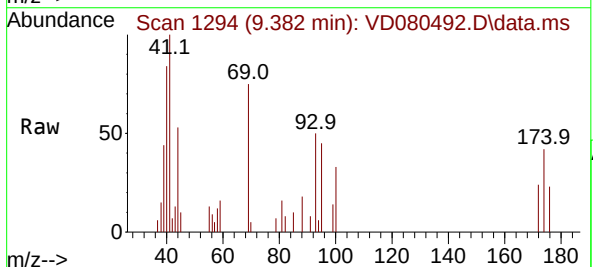
Manual Integrations
APPROVED

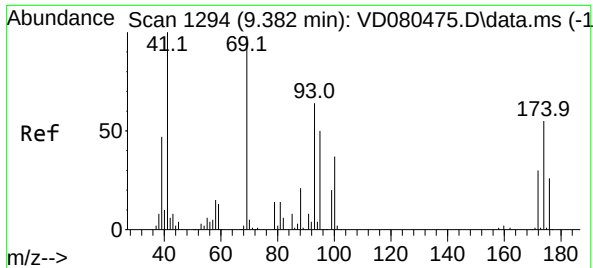
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#48
Methyl methacrylate
Concen: 2.438 ug/l
RT: 9.382 min Scan# 1294
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

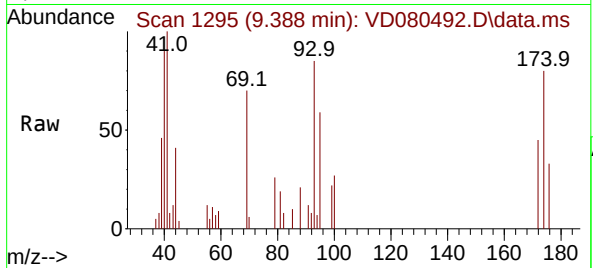
Tgt Ion: 41 Resp: 7383
Ion Ratio Lower Upper
41 100
69 86.6 70.2 105.4
39 45.7 40.2 60.2





#49
1,4-Dioxane
Concen: 55.468 ug/l
RT: 9.388 min Scan# 1294
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

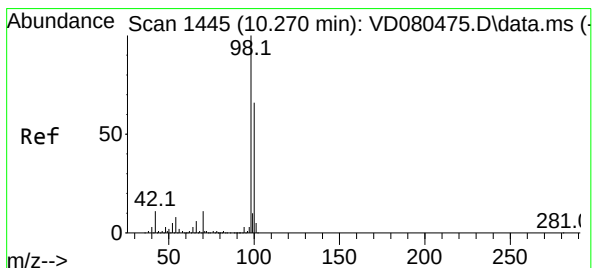
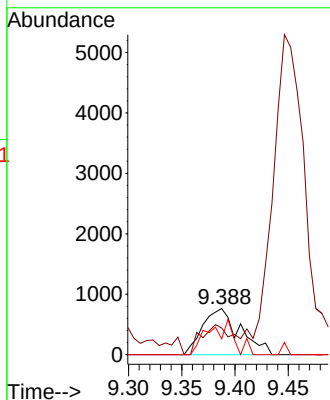
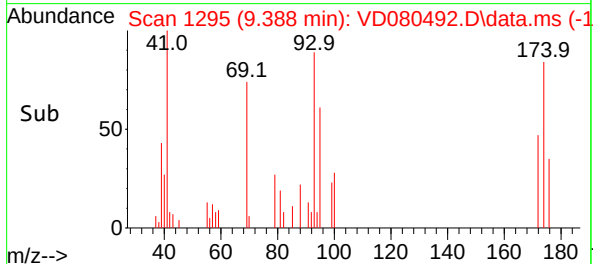
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion: 88 Resp: 1869
Ion Ratio Lower Upper
88 100
43 54.4 26.7 40.1
58 51.8 56.4 84.6

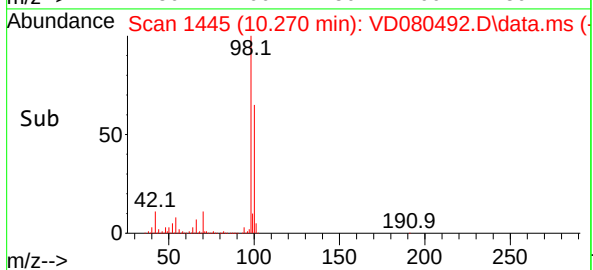
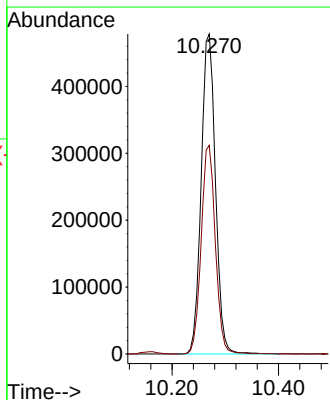
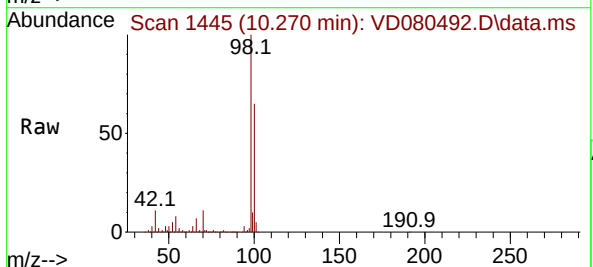
Manual Integrations
APPROVED

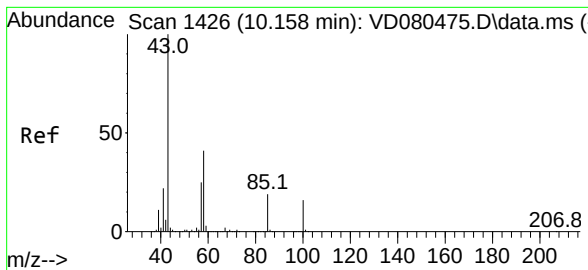
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#50
Toluene-d8
Concen: 54.950 ug/l
RT: 10.270 min Scan# 1445
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 98 Resp: 889563
Ion Ratio Lower Upper
98 100
100 64.8 52.2 78.4





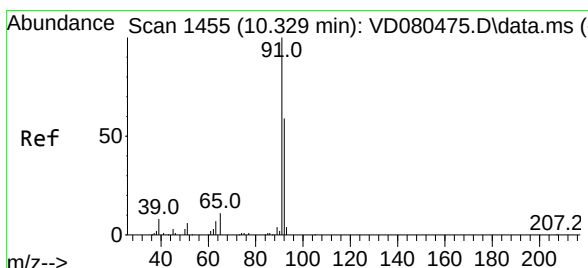
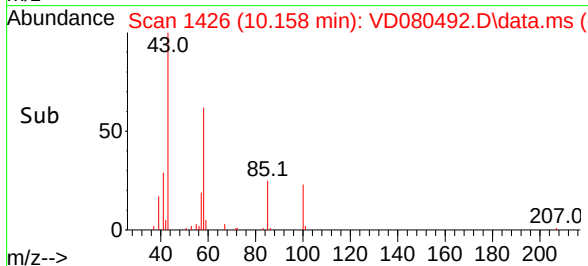
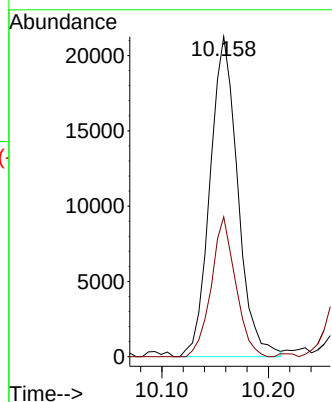
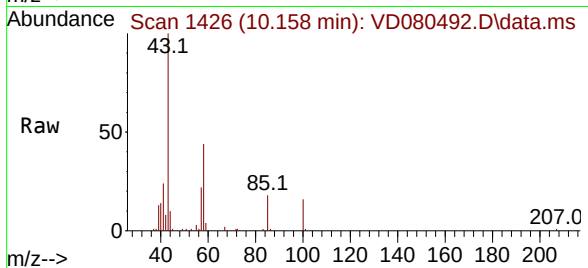
#51
4-Methyl-2-Pentanone
Concen: 12.656 ug/l
RT: 10.158 min Scan# 1426
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion: 43 Resp: 3847
Ion Ratio Lower Upper
43 100
58 38.2 33.3 49.9

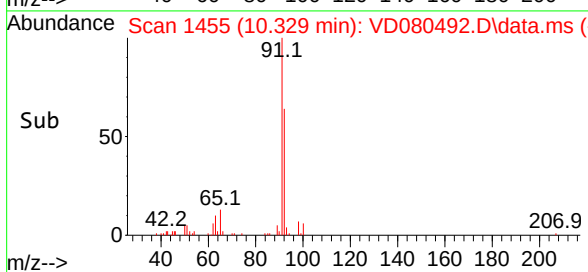
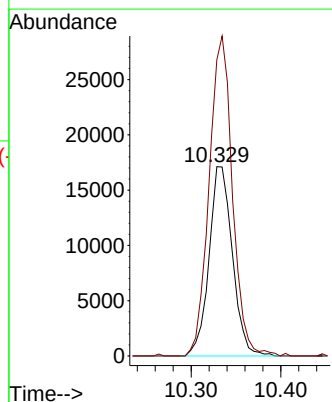
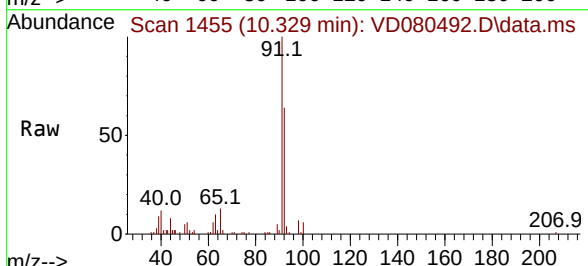
Manual Integrations
APPROVED

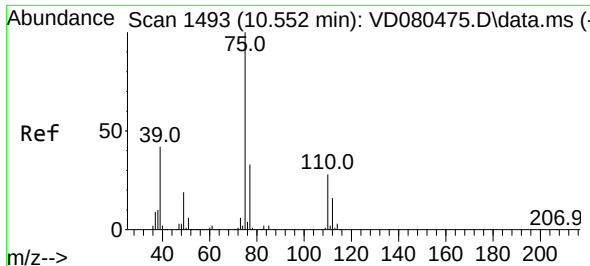
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#52
Toluene
Concen: 2.466 ug/l
RT: 10.329 min Scan# 1455
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

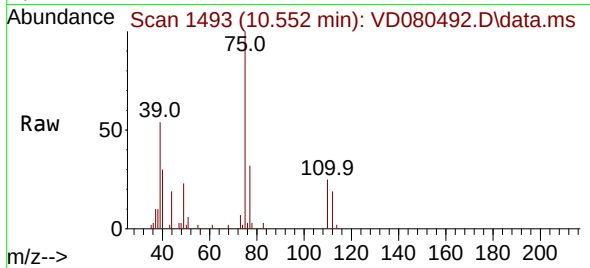
Tgt Ion: 92 Resp: 30956
Ion Ratio Lower Upper
92 100
91 168.7 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 2.354 ug/l
RT: 10.552 min Scan# 1493
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

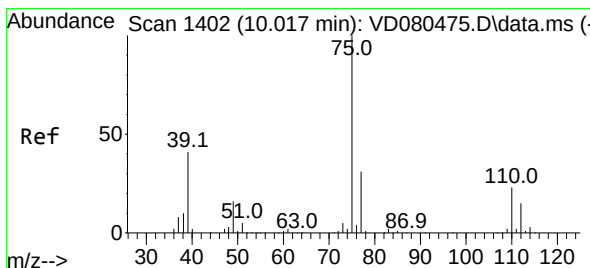
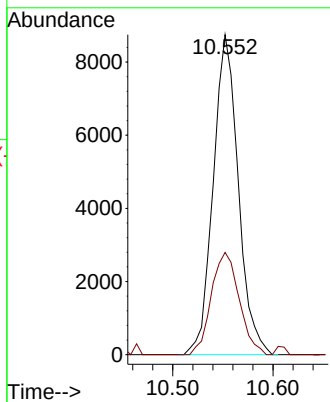
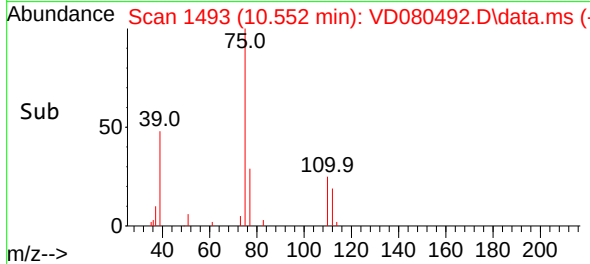
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



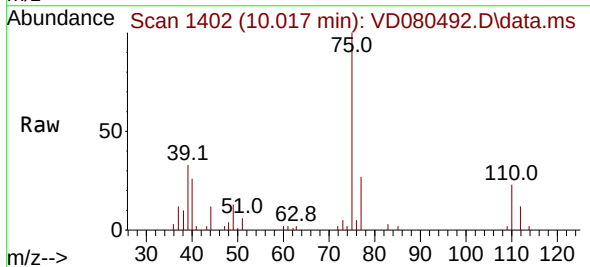
Tgt Ion: 75 Resp: 15179
Ion Ratio Lower Upper
75 100
77 32.0 26.2 39.2

Manual Integrations
APPROVED

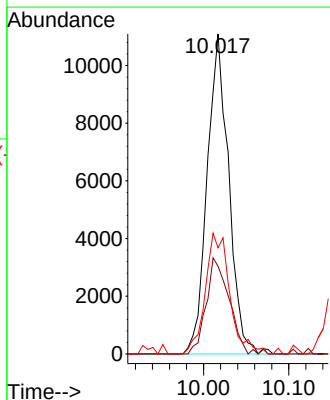
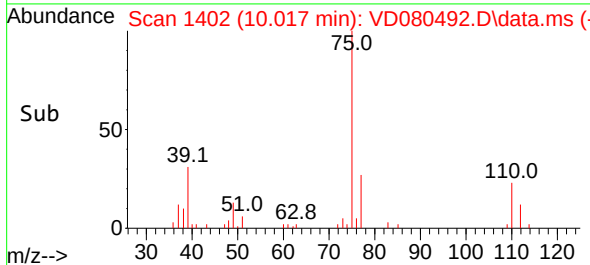
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

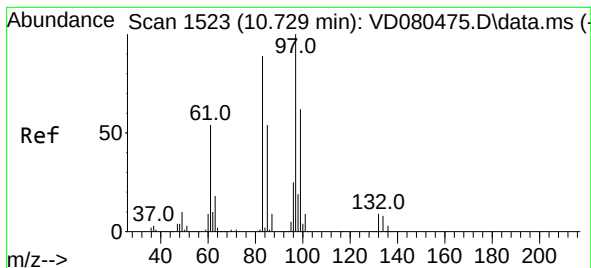


#54
cis-1,3-Dichloropropene
Concen: 2.520 ug/l
RT: 10.017 min Scan# 1402
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



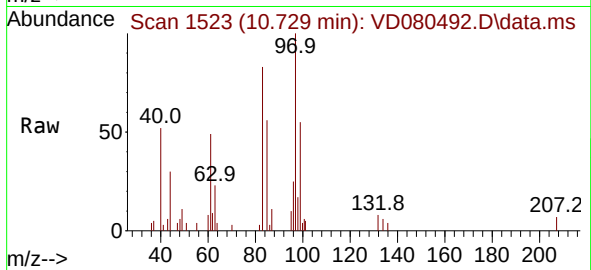
Tgt Ion: 75 Resp: 19529
Ion Ratio Lower Upper
75 100
77 27.4 24.9 37.3
39 33.2 32.5 48.7





#55
1,1,2-Trichloroethane
Concen: 2.509 ug/l
RT: 10.729 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

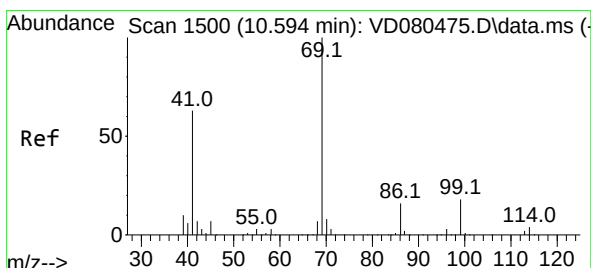
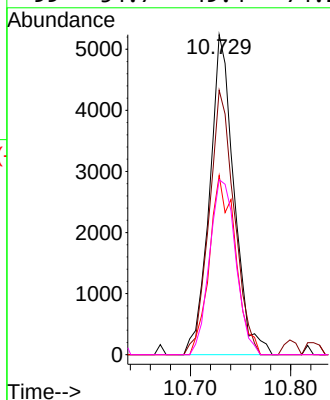
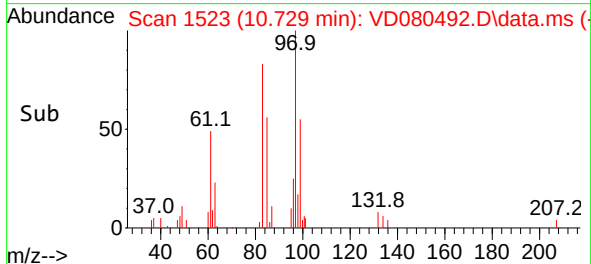
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



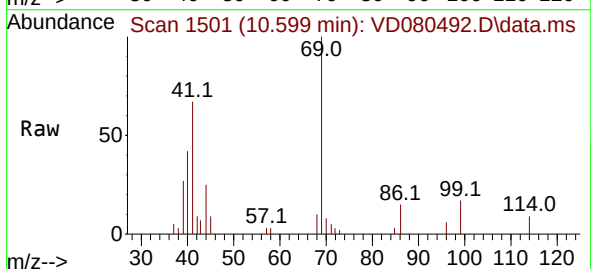
Tgt Ion:	97	Resp:	888
Ion	Ratio	Lower	Upper
97	100		
83	82.6	71.4	107.2
85	56.0	43.4	65.2
99	54.7	49.4	74.2

Manual Integrations
APPROVED

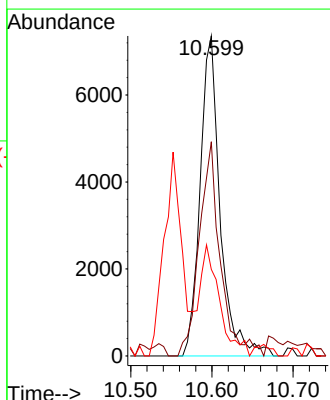
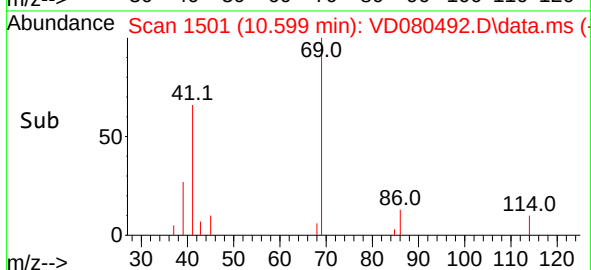
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

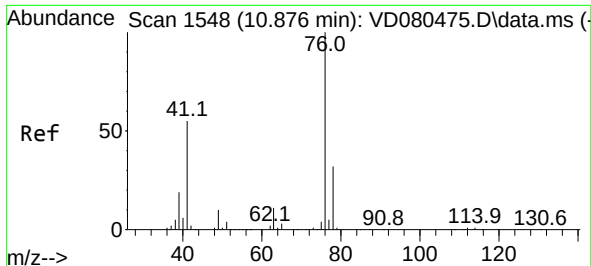


#56
Ethyl methacrylate
Concen: 2.496 ug/l
RT: 10.599 min Scan# 1501
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion:	69	Resp:	12616
Ion	Ratio	Lower	Upper
69	100		
41	67.8	50.7	76.1
39	34.1	23.4	35.2





#57

1,3-Dichloropropane

Concen: 2.638 ug/l

RT: 10.882 min Scan# 1549

Delta R.T. 0.006 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT2-2025

Tgt Ion: 76 Resp: 1634

Ion Ratio Lower Upper

76 100

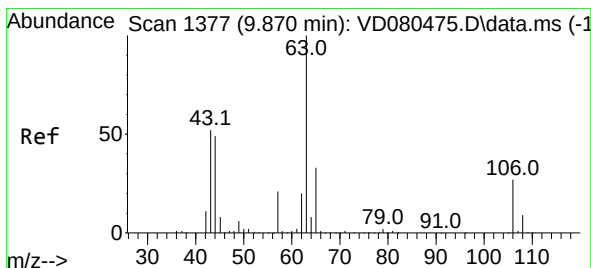
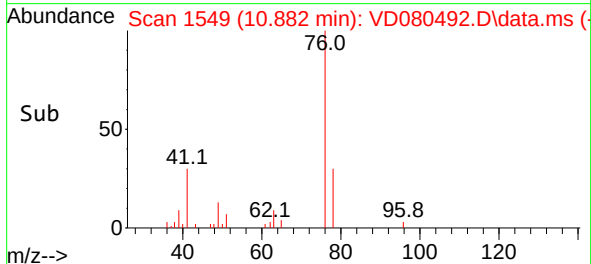
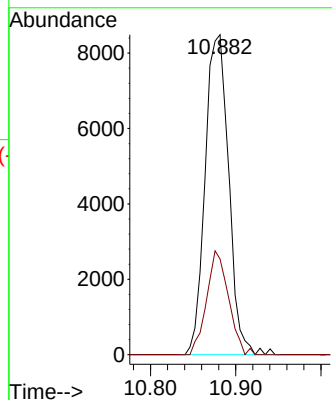
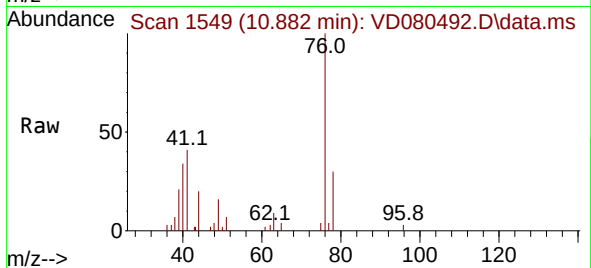
78 30.2 25.7 38.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025

Supervised By :Semsettin Yesilyurt 06/30/2025



#58

2-Chloroethyl Vinyl ether

Concen: 13.860 ug/l

RT: 9.870 min Scan# 1377

Delta R.T. -0.000 min

Lab File: VD080492.D

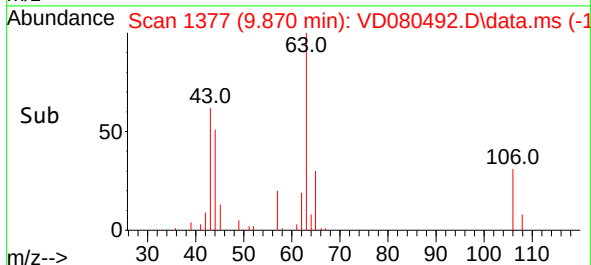
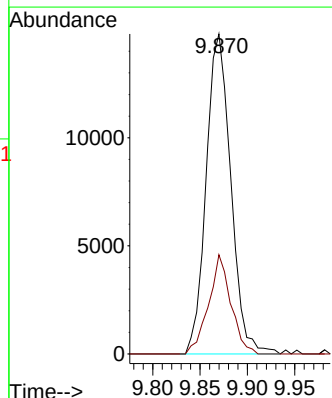
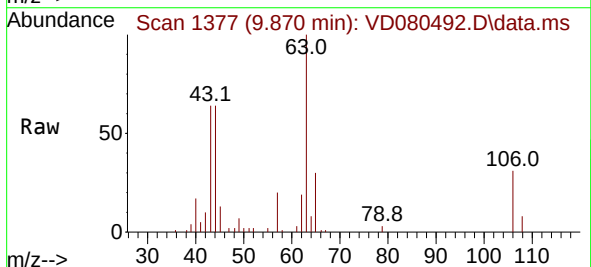
Acq: 27 Jun 2025 13:39

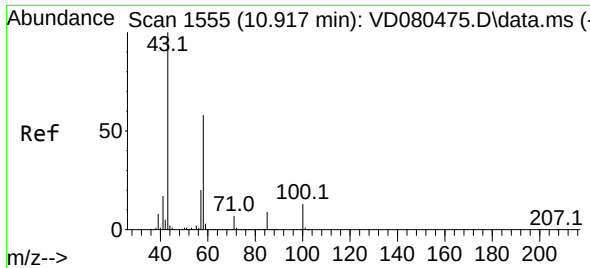
Tgt Ion: 63 Resp: 26754

Ion Ratio Lower Upper

63 100

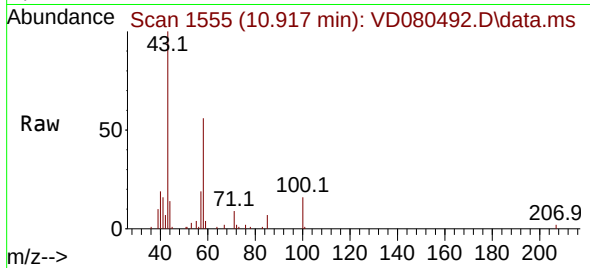
106 28.0 21.7 32.5





#59
2-Hexanone
Concen: 13.134 ug/l
RT: 10.917 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

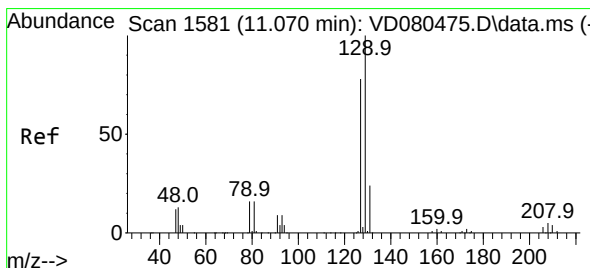
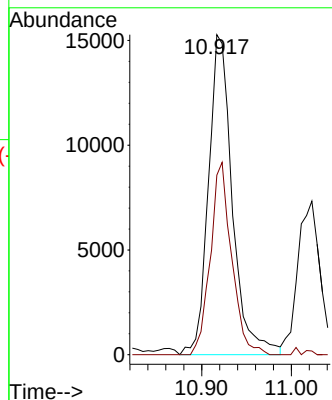
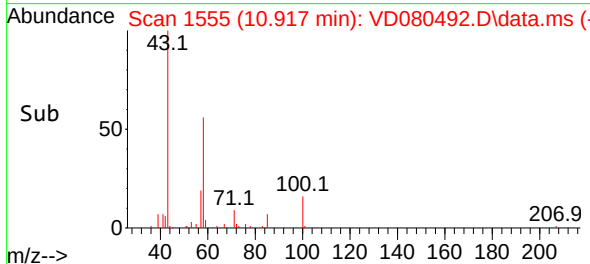
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



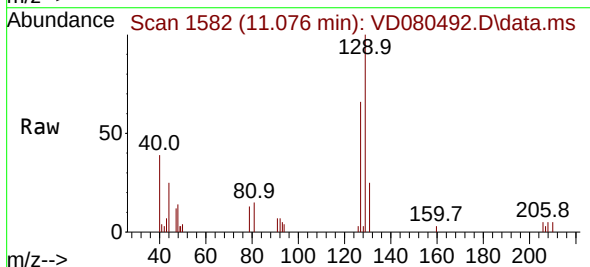
Tgt Ion: 43 Resp: 28258
Ion Ratio Lower Upper
43 100
58 53.5 29.0 87.1

Manual Integrations
APPROVED

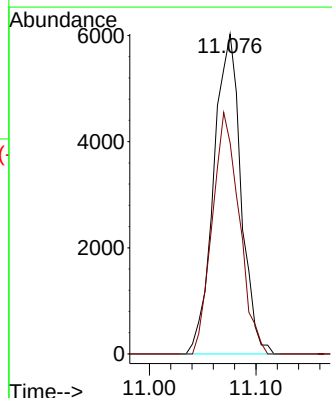
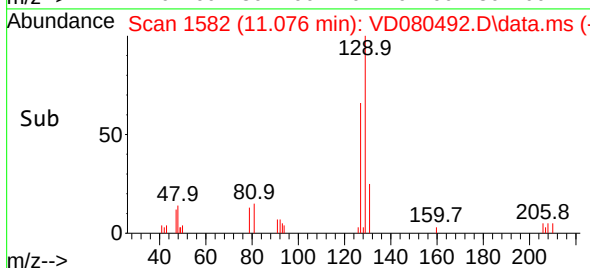
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

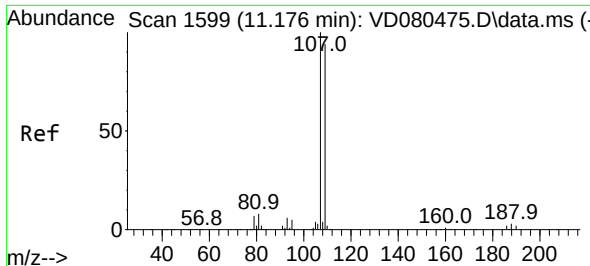


#60
Dibromochloromethane
Concen: 2.447 ug/l
RT: 11.076 min Scan# 1582
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



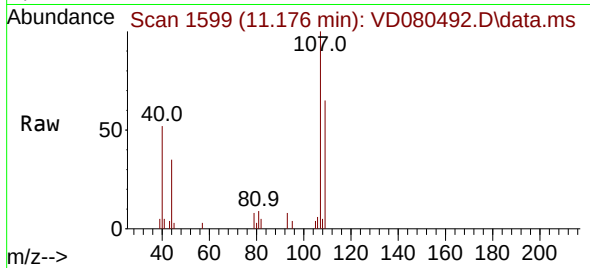
Tgt Ion:129 Resp: 10692
Ion Ratio Lower Upper
129 100
127 74.8 38.4 115.2





#61
1,2-Dibromoethane
Concen: 2.514 ug/l
RT: 11.176 min Scan# 1599
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

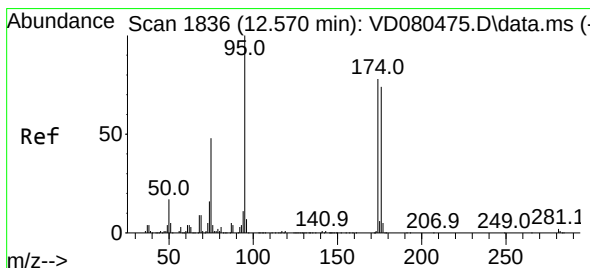
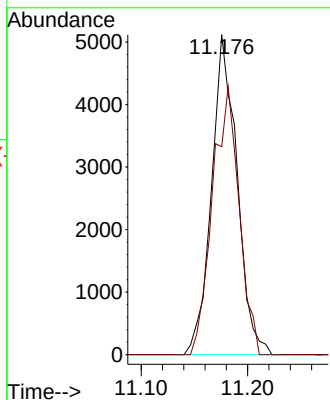
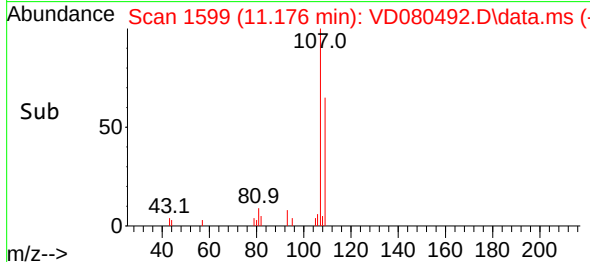
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



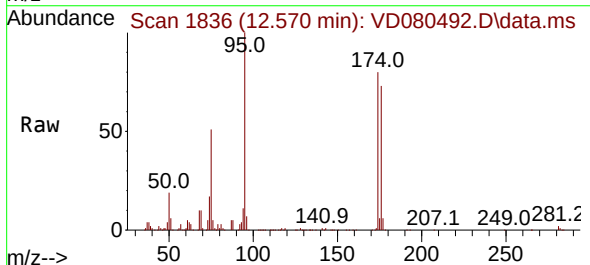
Tgt Ion:107 Resp: 8510
Ion Ratio Lower Upper
107 100
109 87.2 75.4 113.0

Manual Integrations
APPROVED

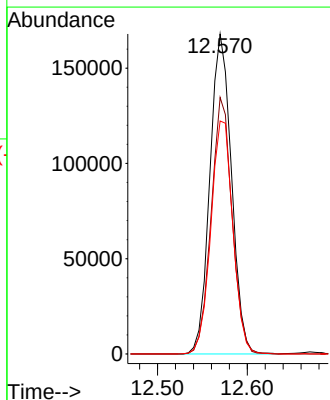
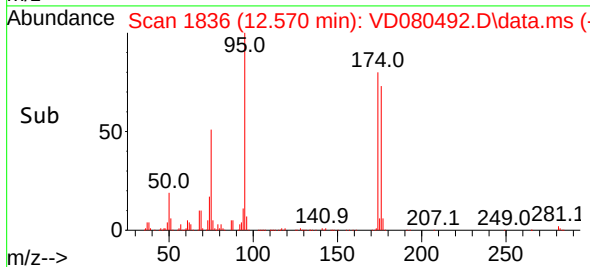
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

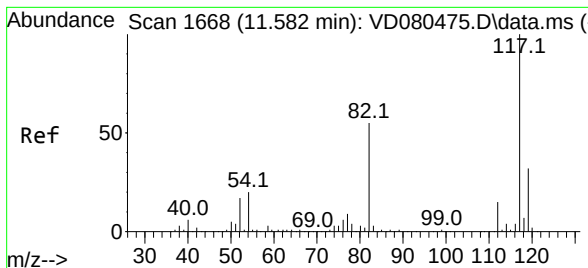


#62
4-Bromofluorobenzene
Concen: 52.726 ug/l
RT: 12.570 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



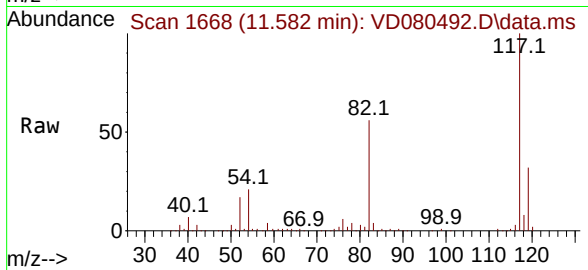
Tgt Ion: 95 Resp: 279876
Ion Ratio Lower Upper
95 100
174 78.0 0.0 154.0
176 74.5 0.0 149.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.582 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

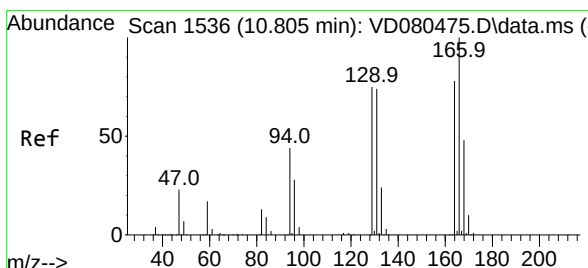
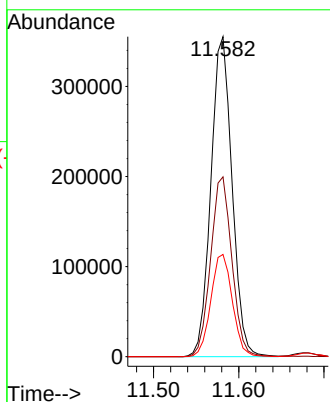
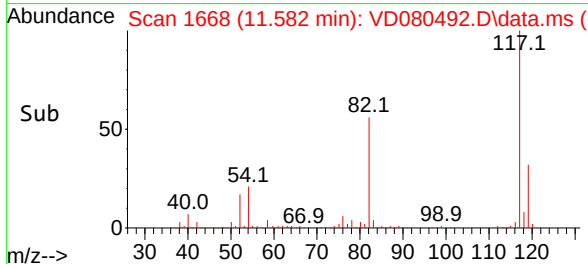
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:117 Resp: 614374
Ion Ratio Lower Upper
117 100
82 56.2 43.7 65.5
119 32.0 25.8 38.6

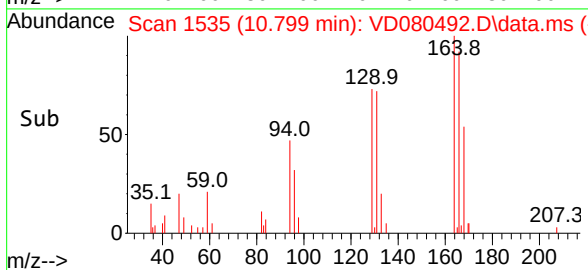
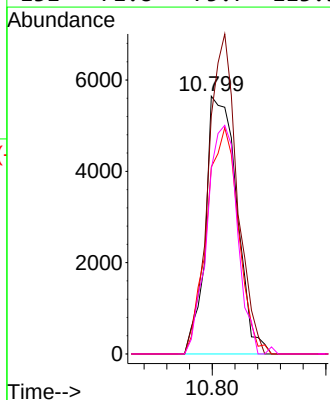
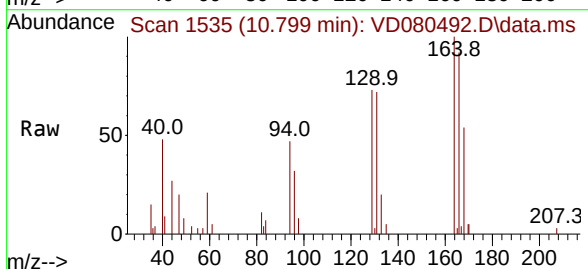
Manual Integrations
APPROVED

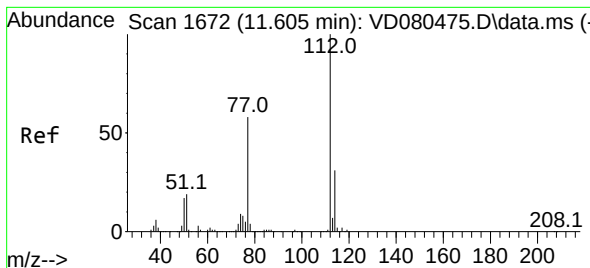
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#64
Tetrachloroethene
Concen: 2.812 ug/l
RT: 10.799 min Scan# 1535
Delta R.T. -0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:164 Resp: 10722
Ion Ratio Lower Upper
164 100
166 92.4 102.6 153.8#
129 72.6 76.6 115.0#
131 71.8 75.7 113.5#





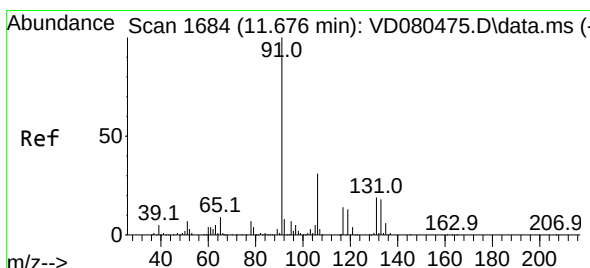
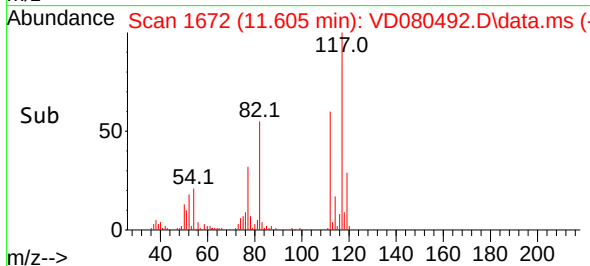
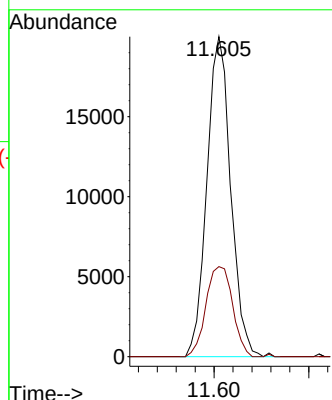
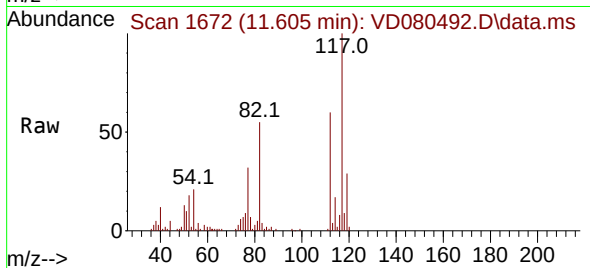
#65
Chlorobenzene
Concen: 2.634 ug/l
RT: 11.605 min Scan# 1162
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion:112 Resp: 3490
Ion Ratio Lower Upper
112 100
114 28.1 24.8 37.2

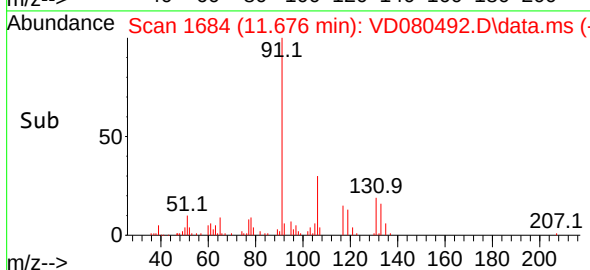
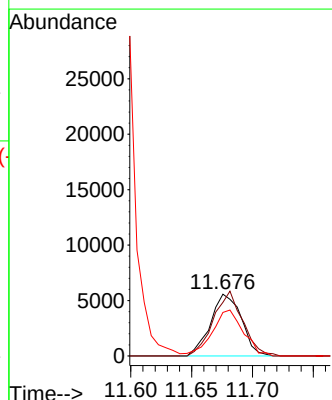
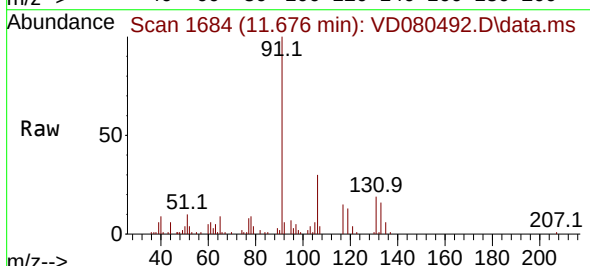
Manual Integrations
APPROVED

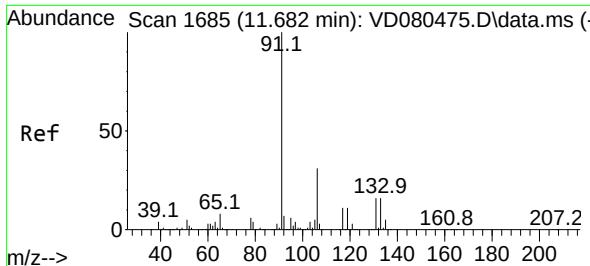
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#66
1,1,1,2-Tetrachloroethane
Concen: 2.372 ug/l
RT: 11.676 min Scan# 1684
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

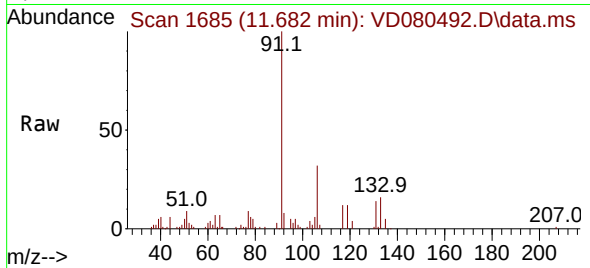
Tgt Ion:131 Resp: 9877
Ion Ratio Lower Upper
131 100
133 99.3 47.3 141.8
119 74.6 34.9 104.7





#67
Ethyl Benzene
Concen: 2.530 ug/l
RT: 11.682 min Scan# 1104
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

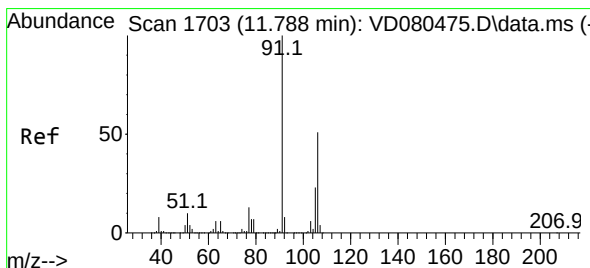
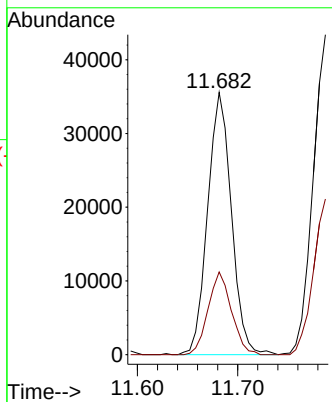
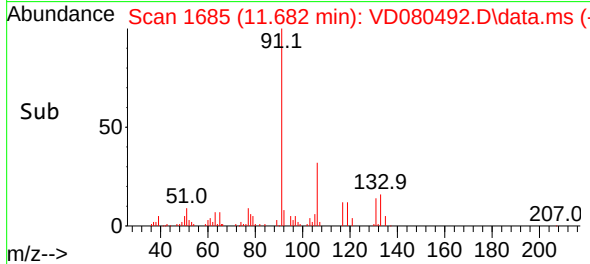
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



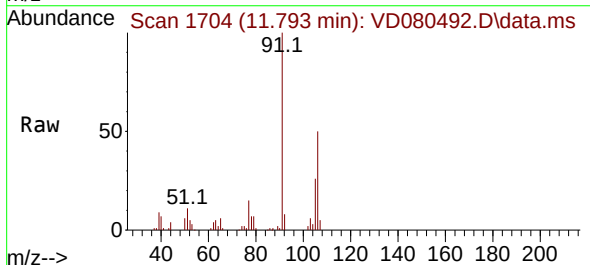
Tgt Ion: 91 Resp: 5863
Ion Ratio Lower Upper
91 100
106 31.6 25.0 37.4

Manual Integrations
APPROVED

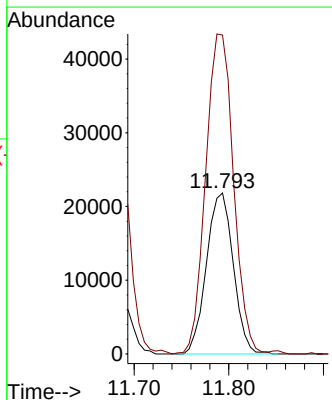
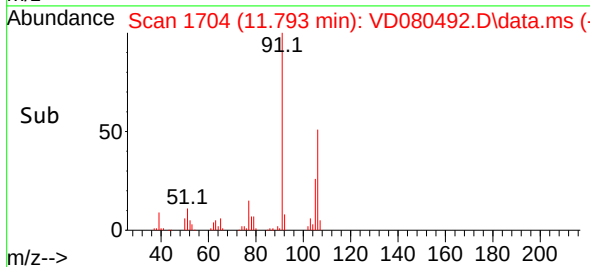
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

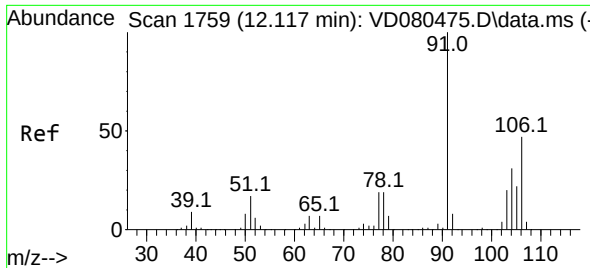


#68
m/p-Xylenes
Concen: 4.862 ug/l
RT: 11.793 min Scan# 1704
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion:106 Resp: 42912
Ion Ratio Lower Upper
106 100
91 206.3 159.9 239.9





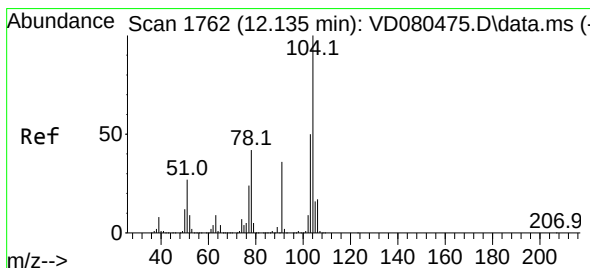
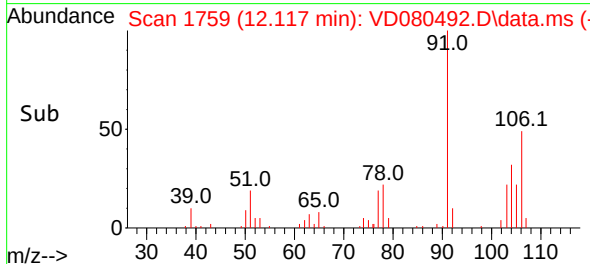
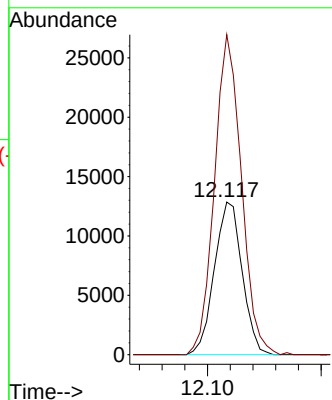
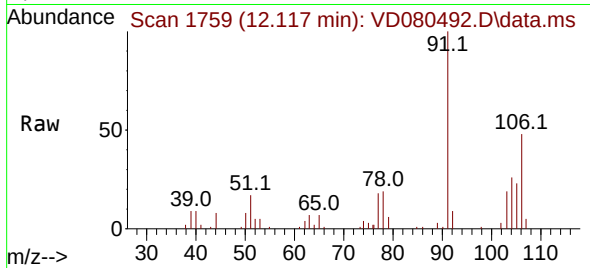
#69
o-Xylene
Concen: 2.559 ug/l
RT: 12.117 min Scan# 1759
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion:106 Resp: 21798
Ion Ratio Lower Upper
106 100
91 203.6 106.5 319.6

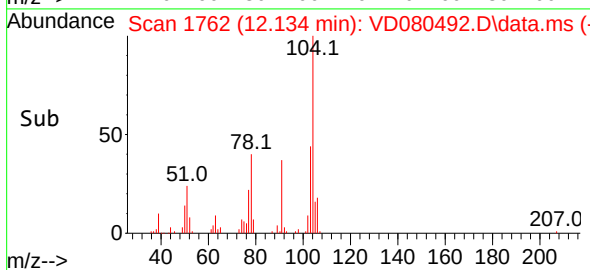
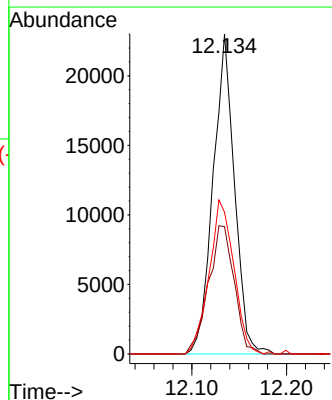
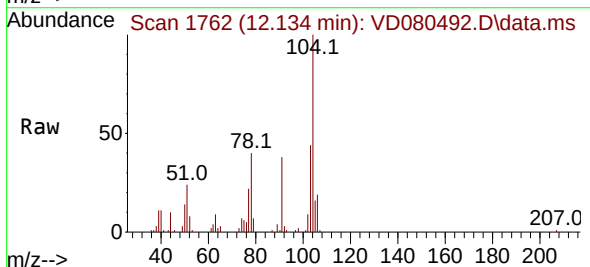
Manual Integrations
APPROVED

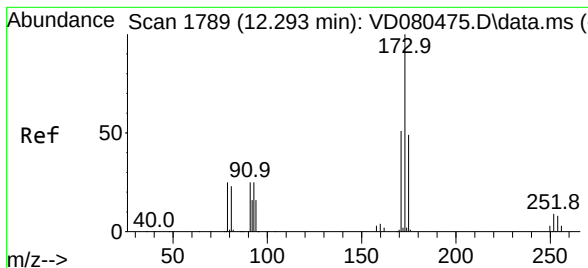
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#70
Styrene
Concen: 2.506 ug/l
RT: 12.134 min Scan# 1762
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:104 Resp: 36093
Ion Ratio Lower Upper
104 100
78 48.0 38.5 57.7
103 55.7 44.1 66.1





#71

Bromoform

Concen: 2.525 ug/l

RT: 12.305 min Scan# 1791

Delta R.T. 0.012 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

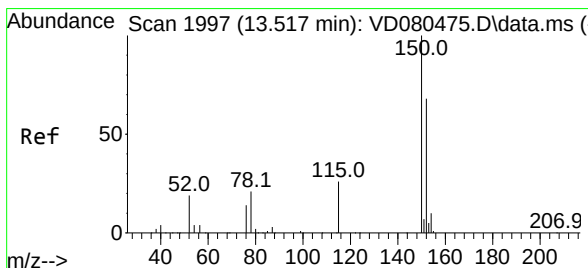
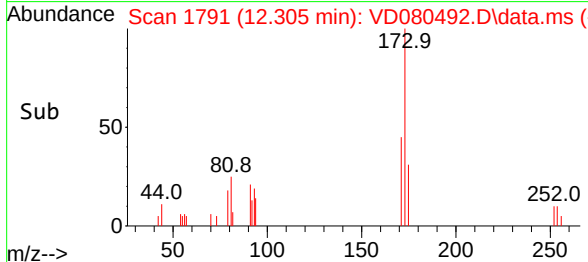
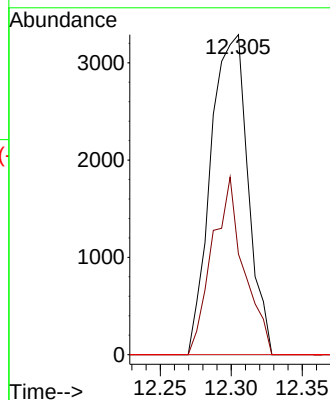
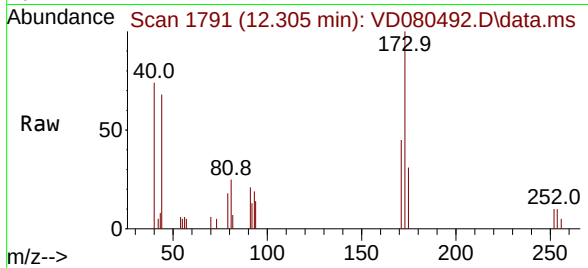
MDL-SOIL-03-QT2-2025

Tgt Ion:173	Resp:	5989
Ion Ratio	Lower	Upper
173	100	
175	47.2	24.1 72.4
254	0.0	0.1 0.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

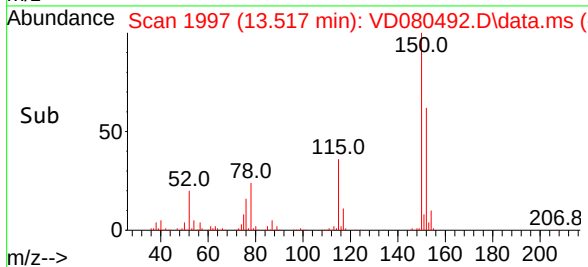
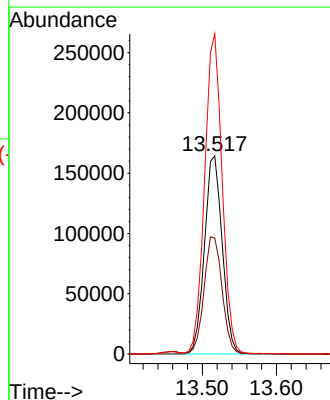
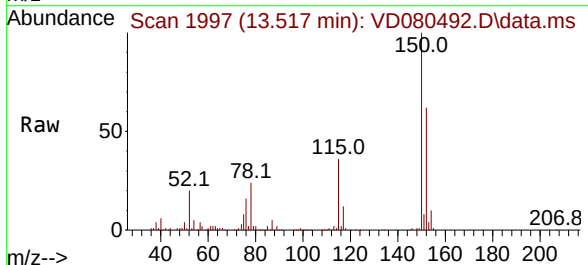
RT: 13.517 min Scan# 1997

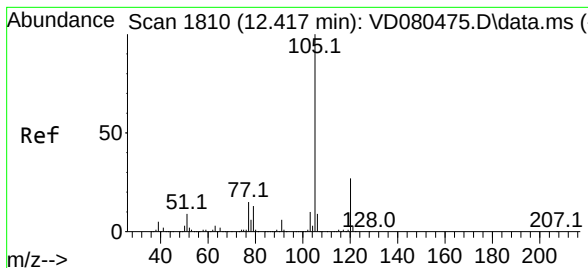
Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Tgt Ion:152	Resp:	273016
Ion Ratio	Lower	Upper
152	100	
115	60.3	30.2 90.6
150	159.4	0.0 350.2





#73

Isopropylbenzene

Concen: 2.585 ug/l

RT: 12.417 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

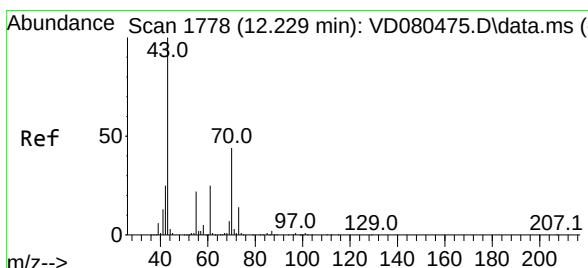
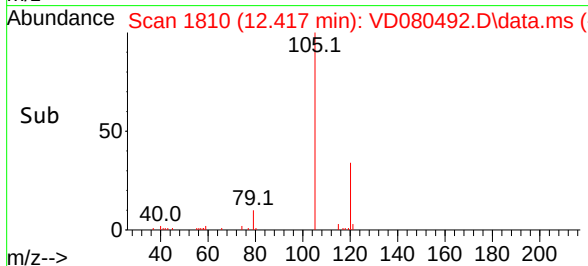
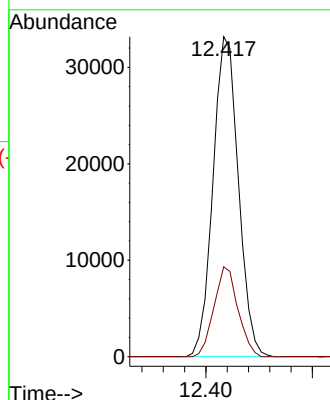
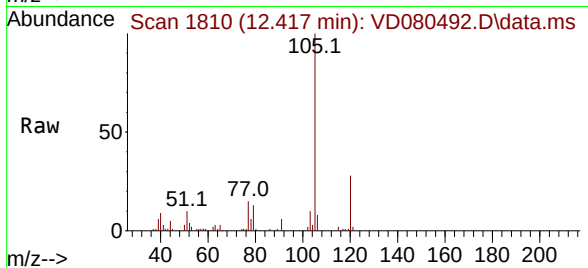
MDL-SOIL-03-QT2-2025

Tgt Ion:105 Resp: 54869
 Ion Ratio Lower Upper
 105 100
 120 26.5 13.3 39.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#74

N-ethyl acetate

Concen: 2.618 ug/l

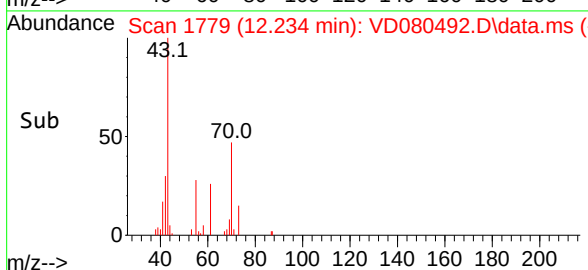
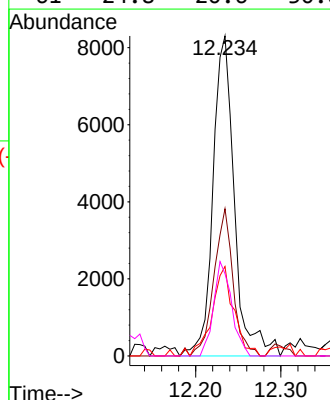
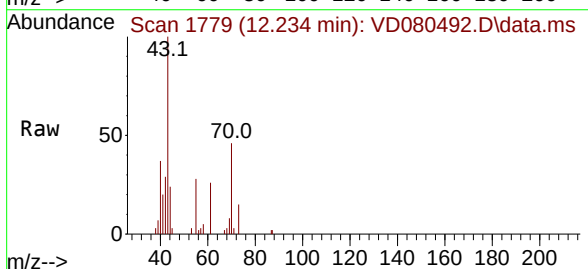
RT: 12.234 min Scan# 1779

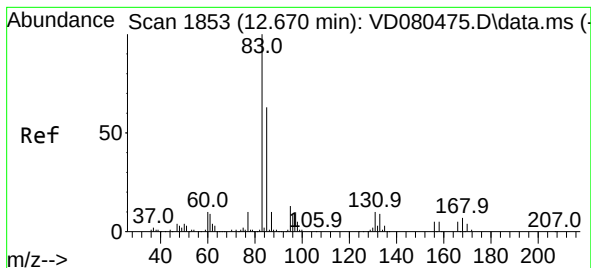
Delta R.T. 0.006 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

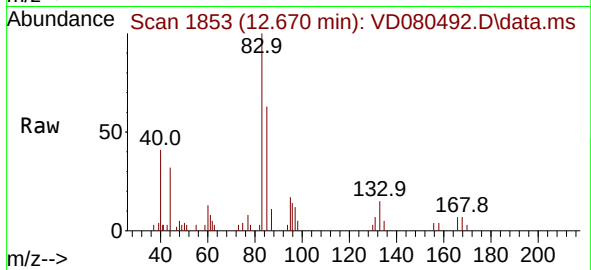
Tgt Ion: 43 Resp: 14546
 Ion Ratio Lower Upper
 43 100
 70 41.7 35.4 53.2
 55 28.6 18.8 28.2#
 61 24.8 20.6 30.8





#75
1,1,2,2-Tetrachloroethane
Concen: 2.627 ug/l
RT: 12.670 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

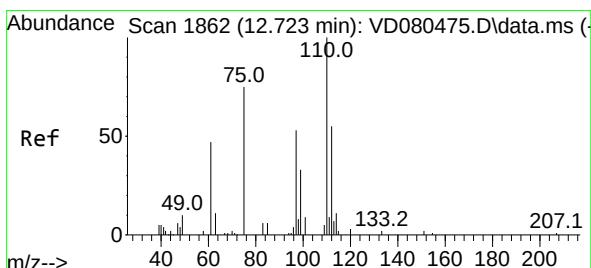
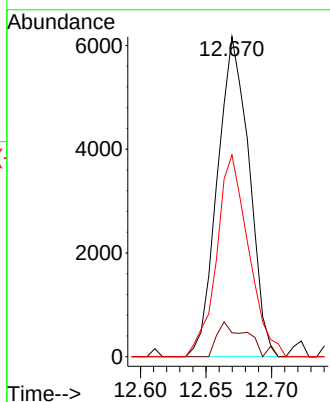
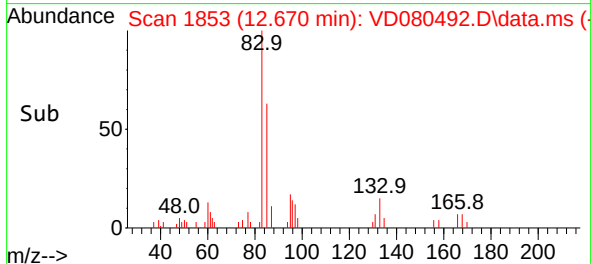
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025



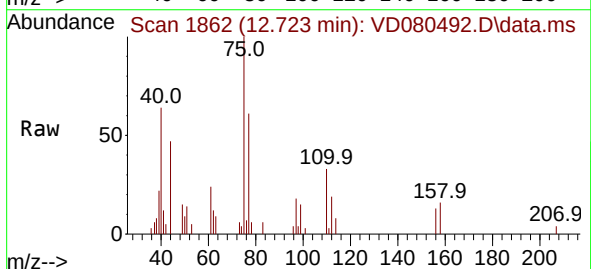
Tgt Ion: 83 Resp: 1038
Ion Ratio Lower Upper
83 100
131 10.3 4.8 14.3
85 63.6 32.3 96.8

Manual Integrations
APPROVED

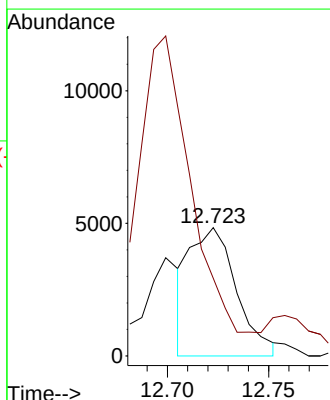
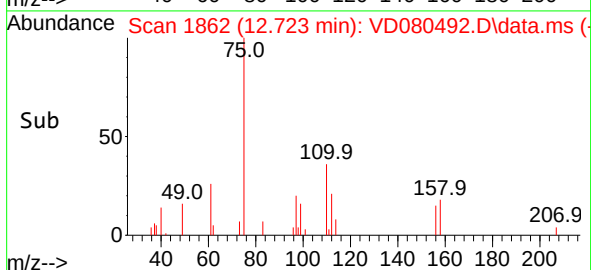
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025

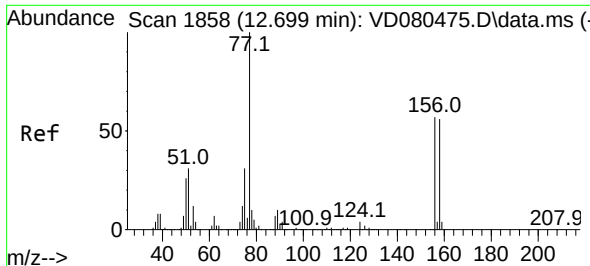


#76
1,2,3-Trichloropropane
Concen: 3.361 ug/l m
RT: 12.723 min Scan# 1862
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39



Tgt Ion: 75 Resp: 7800
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





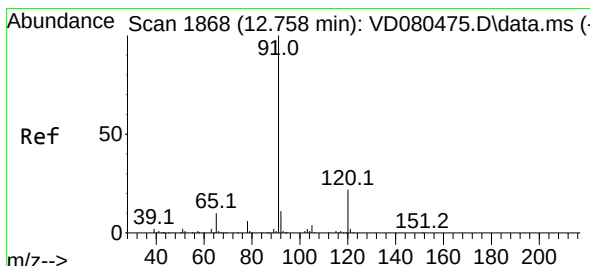
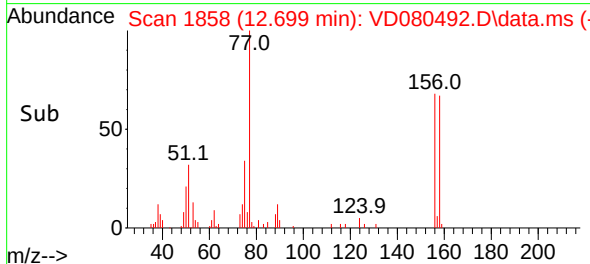
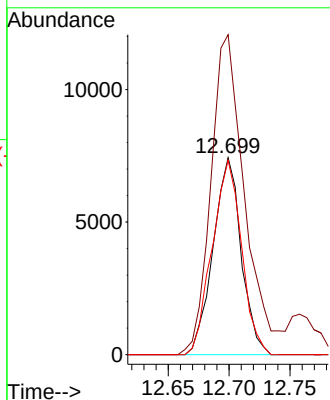
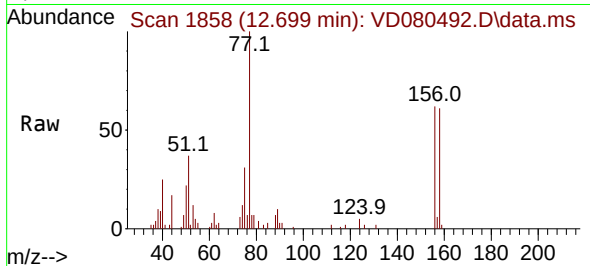
#77
Bromobenzene
Concen: 2.514 ug/l
RT: 12.699 min Scan# 1858
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025

Tgt Ion:156 Resp: 1193
Ion Ratio Lower Upper
156 100
77 195.7 97.3 291.8
158 103.0 48.5 145.6

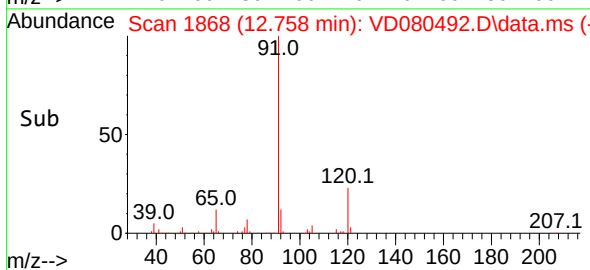
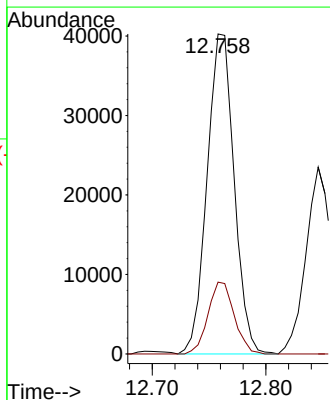
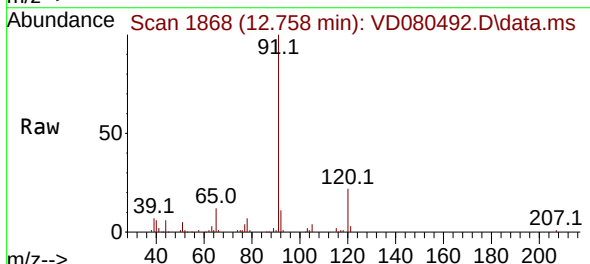
Manual Integrations
APPROVED

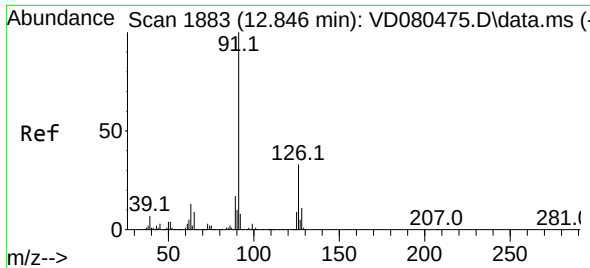
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#78
n-propylbenzene
Concen: 2.613 ug/l
RT: 12.758 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 91 Resp: 66765
Ion Ratio Lower Upper
91 100
120 21.7 11.3 33.9





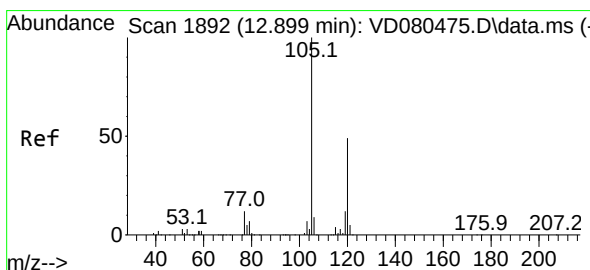
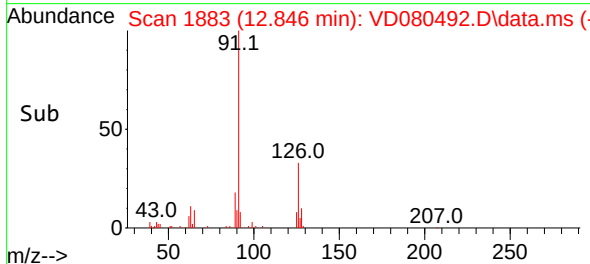
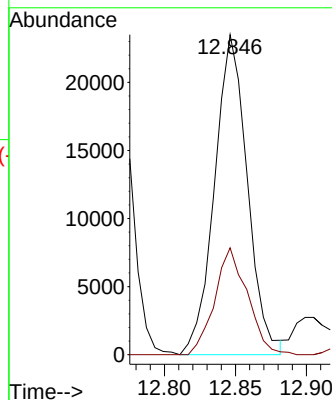
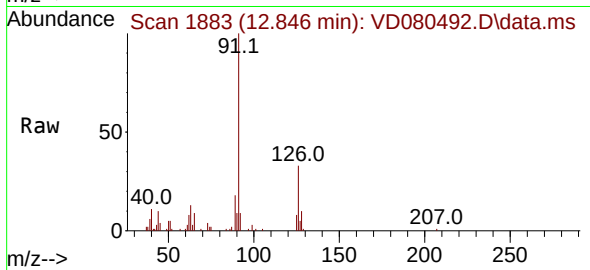
#79
2-Chlorotoluene
Concen: 2.572 ug/l
RT: 12.846 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion: 91 Resp: 3779
Ion Ratio Lower Upper
91 100
126 33.3 16.6 49.8

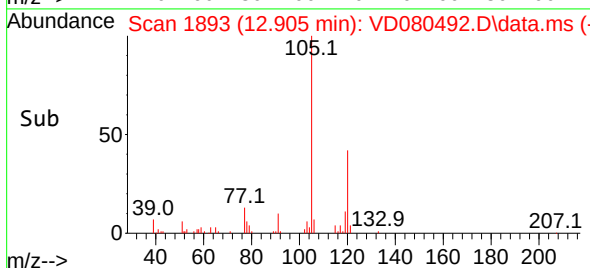
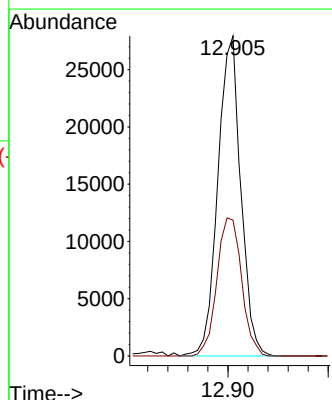
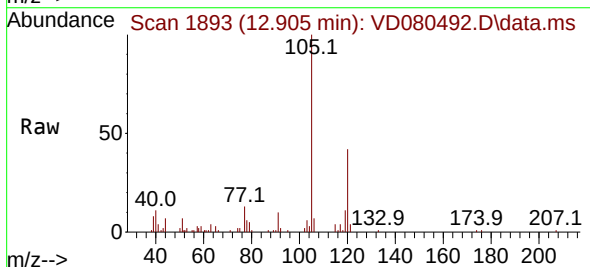
Manual Integrations
APPROVED

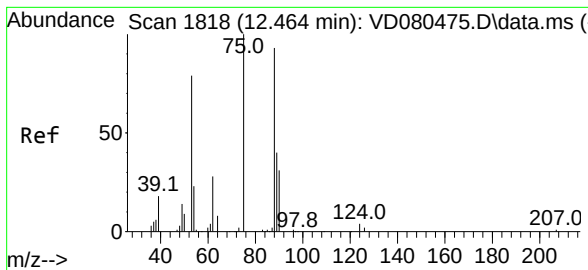
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.569 ug/l
RT: 12.905 min Scan# 1893
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:105 Resp: 44214
Ion Ratio Lower Upper
105 100
120 46.6 24.5 73.5





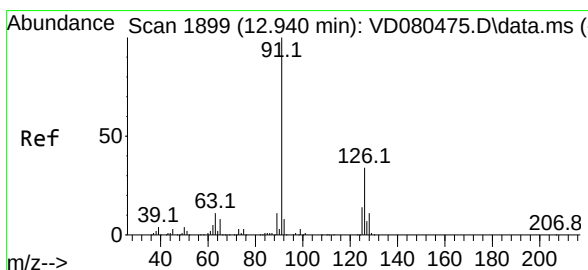
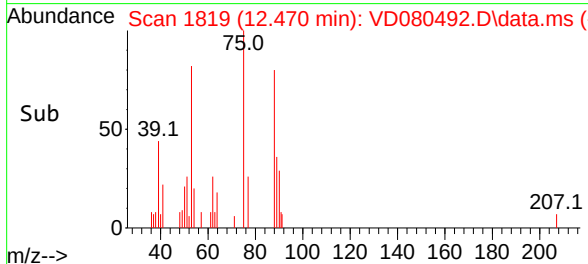
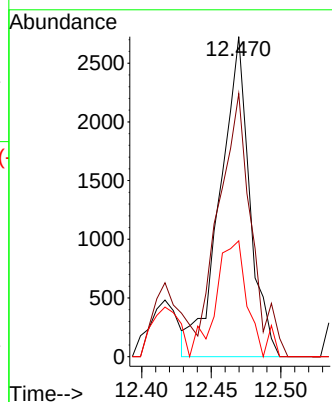
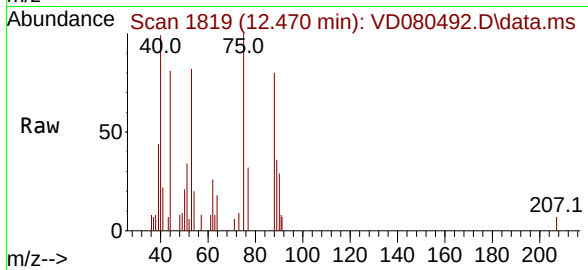
#81
trans-1,4-Dichloro-2-butene
Concen: 2.582 ug/l m
RT: 12.470 min Scan# 1818
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion: 75 Resp: 403
Ion Ratio Lower Upper
75 100
53 0.0 61.5 92.3
89 2.1 33.0 49.6

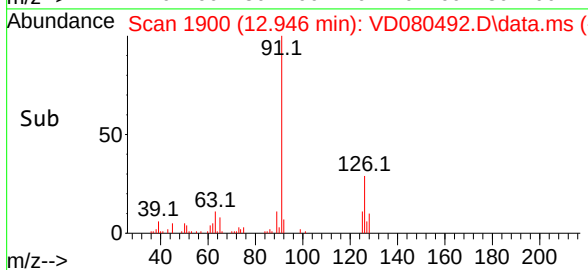
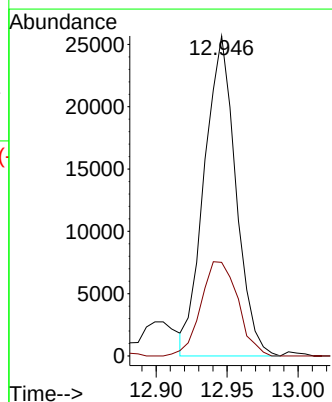
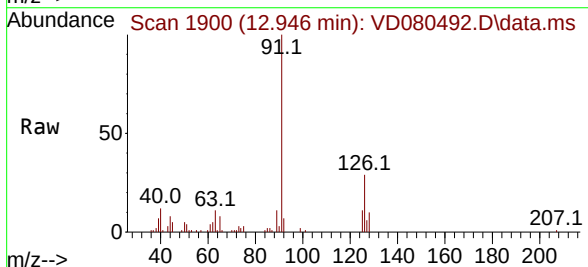
Manual Integrations
APPROVED

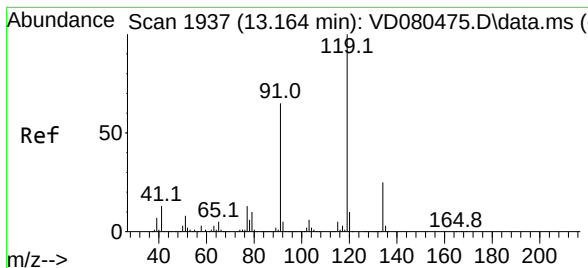
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#82
4-Chlorotoluene
Concen: 2.630 ug/l
RT: 12.946 min Scan# 1900
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion: 91 Resp: 39697
Ion Ratio Lower Upper
91 100
126 34.5 17.0 50.9





#83

tert-Butylbenzene

Concen: 2.662 ug/l

RT: 13.164 min Scan# 1937

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

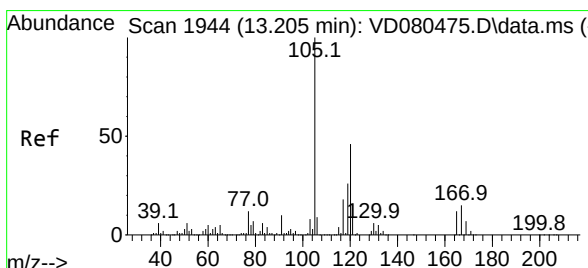
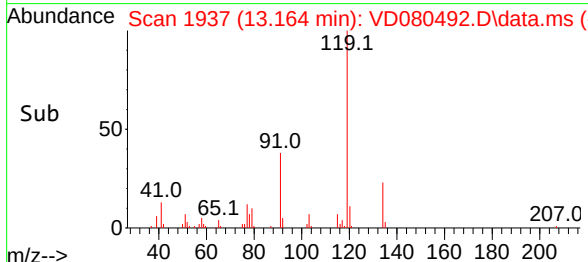
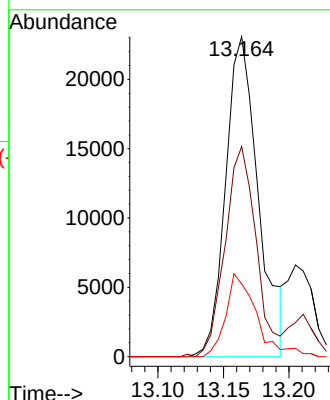
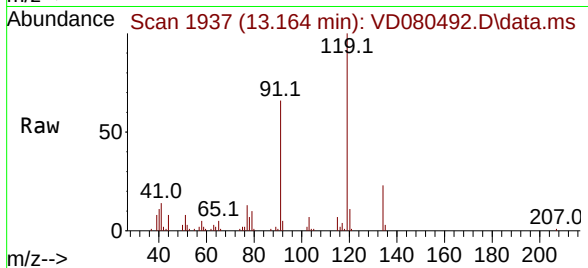
MDL-SOIL-03-QT2-2025

Tgt Ion:	119	Resp:	4006
Ion Ratio	Lower	Upper	
119	100		
91	62.4	32.4	97.2
134	24.4	13.1	39.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#84

1,2,4-Trimethylbenzene

Concen: 2.517 ug/l

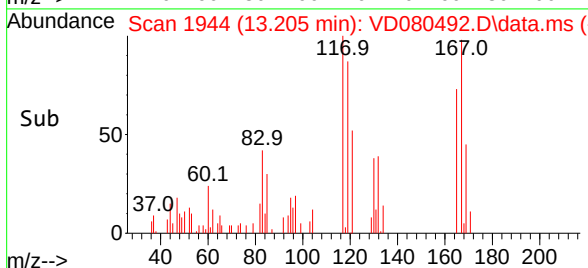
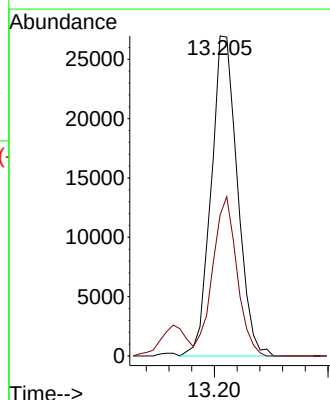
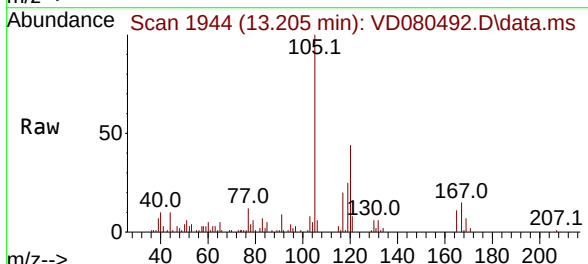
RT: 13.205 min Scan# 1944

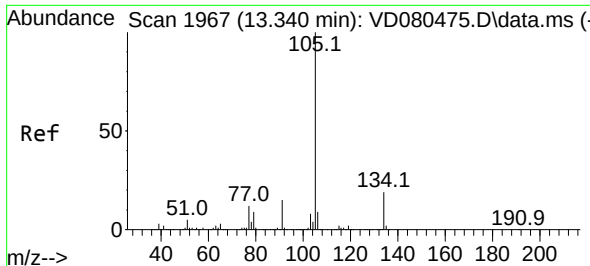
Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Tgt Ion:	105	Resp:	43242
Ion Ratio	Lower	Upper	
105	100		
120	46.2	22.8	68.3





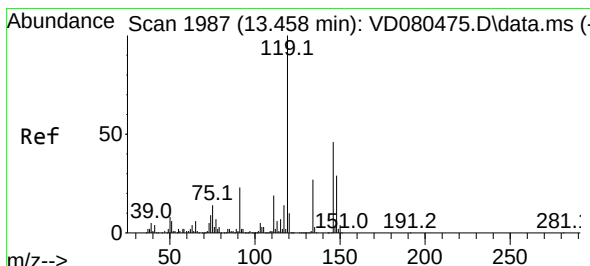
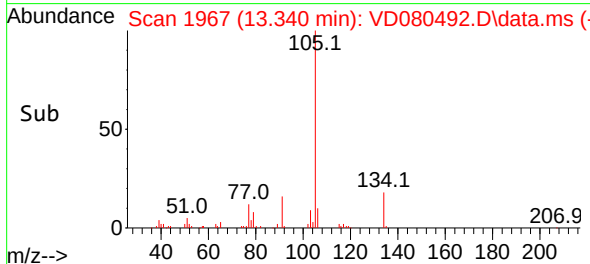
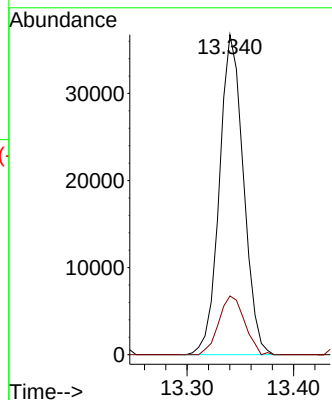
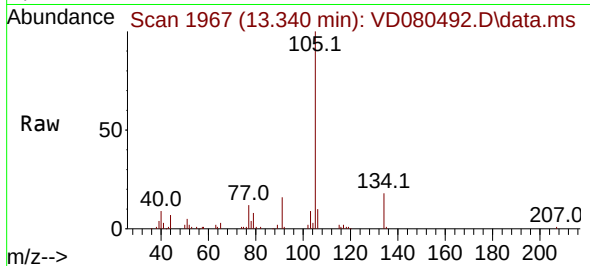
#85
 sec-Butylbenzene
 Concen: 2.594 ug/l
 RT: 13.340 min Scan# 1967
 Delta R.T. -0.000 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion:105 Resp: 57674
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

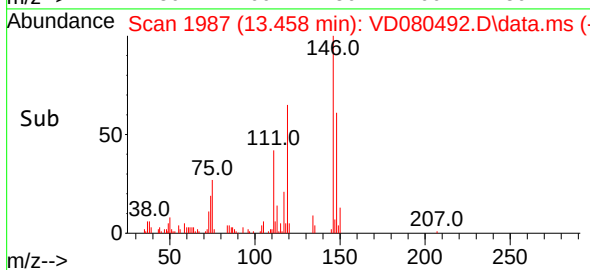
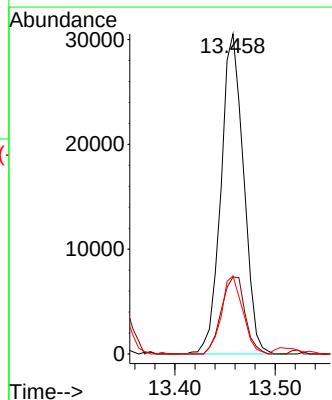
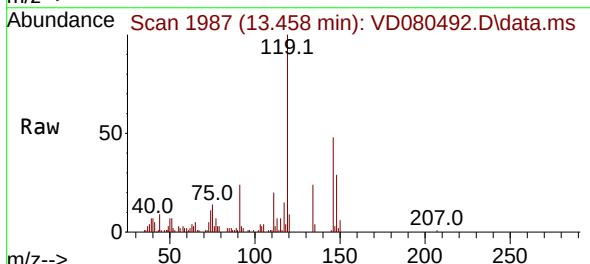
Manual Integrations
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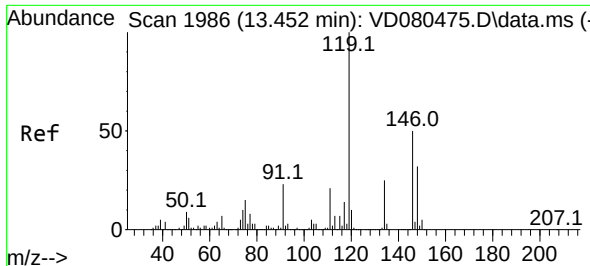
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#86
 p-Isopropyltoluene
 Concen: 2.596 ug/l
 RT: 13.458 min Scan# 1987
 Delta R.T. -0.000 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

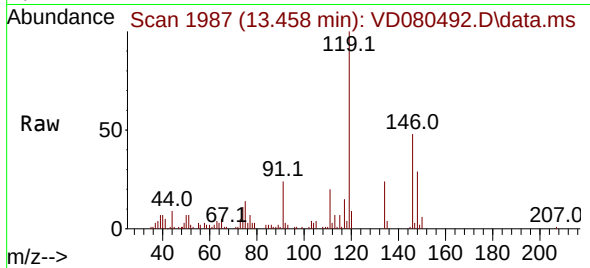
Tgt Ion:119 Resp: 47766
 Ion Ratio Lower Upper
 119 100
 134 25.1 13.0 38.9
 91 23.0 11.5 34.5





#87
1,3-Dichlorobenzene
Concen: 2.627 ug/l
RT: 13.458 min Scan# 1986
Delta R.T. 0.006 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

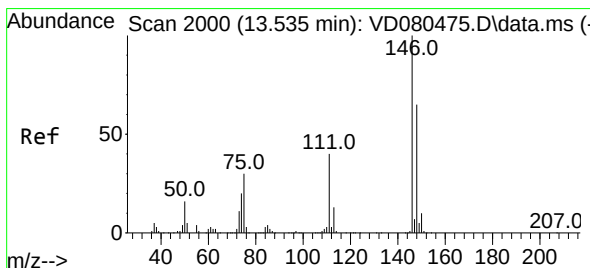
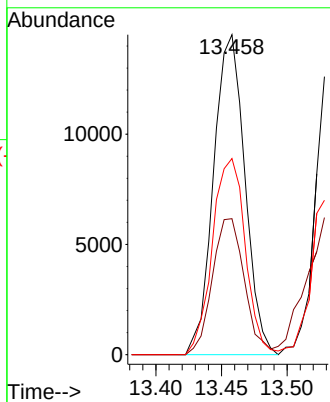
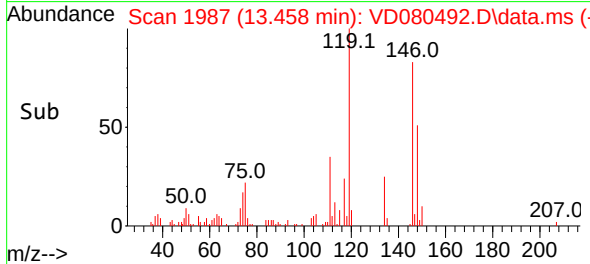
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT2-2025



Tgt Ion:146 Resp: 24114
Ion Ratio Lower Upper
146 100
111 43.5 20.6 61.8
148 64.5 31.5 94.5

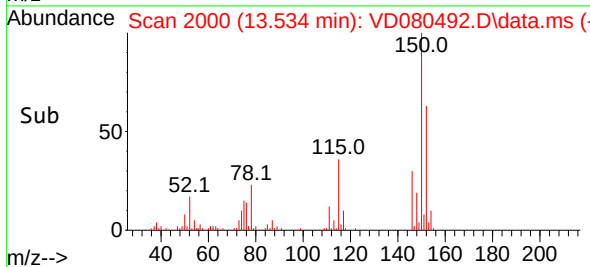
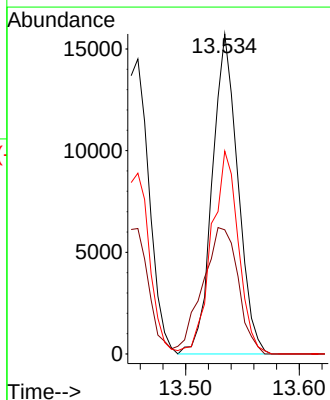
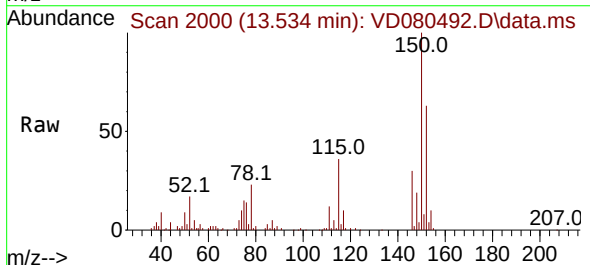
Manual Integrations
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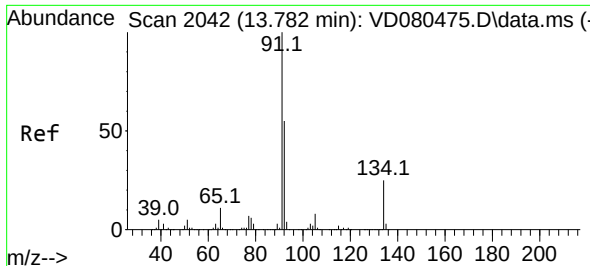
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#88
1,4-Dichlorobenzene
Concen: 2.689 ug/l
RT: 13.534 min Scan# 2000
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:146 Resp: 24635
Ion Ratio Lower Upper
146 100
111 55.2 20.0 60.0
148 66.9 32.1 96.3





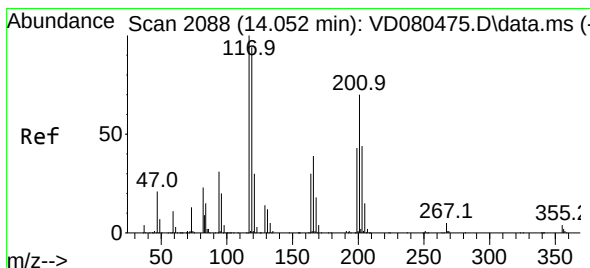
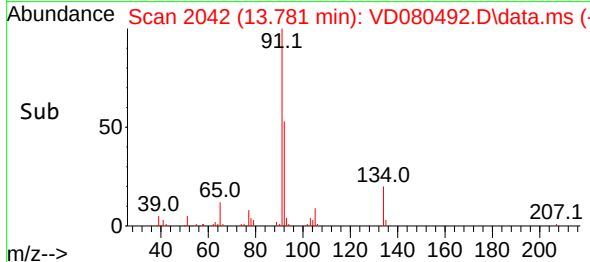
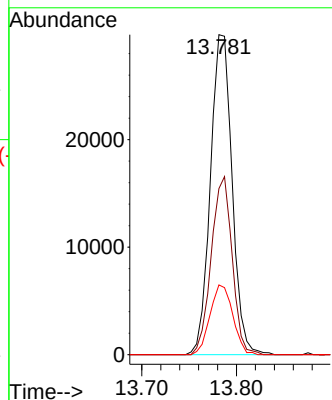
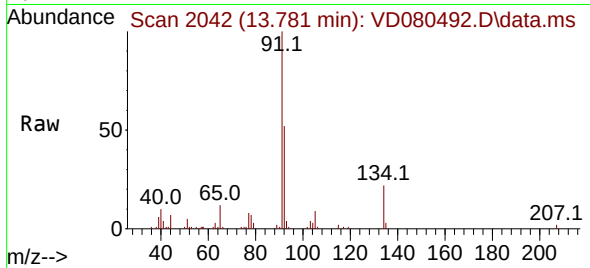
#89
n-Butylbenzene
Concen: 2.687 ug/l
RT: 13.781 min Scan# 2042
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion: 91 Resp: 4745
Ion Ratio Lower Upper
91 100
92 53.6 27.4 82.0
134 22.9 12.6 37.8

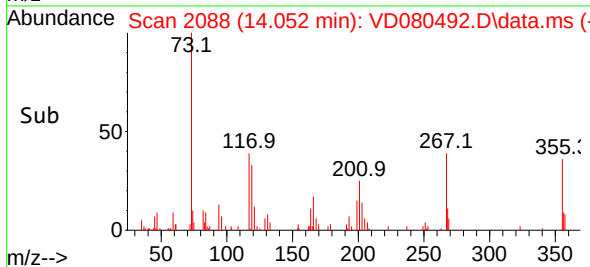
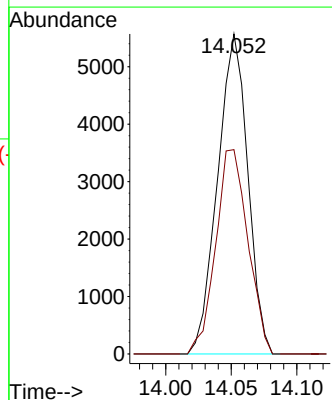
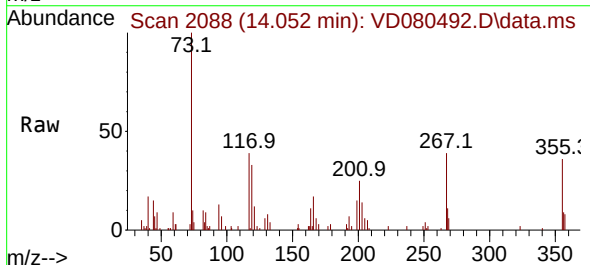
Manual Integrations
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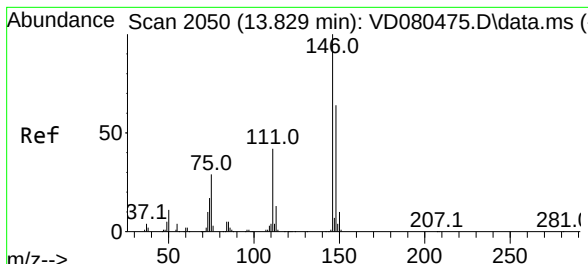
Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#90
Hexachloroethane
Concen: 2.509 ug/l
RT: 14.052 min Scan# 2088
Delta R.T. -0.000 min
Lab File: VD080492.D
Acq: 27 Jun 2025 13:39

Tgt Ion:117 Resp: 8920
Ion Ratio Lower Upper
117 100
201 68.1 34.2 102.5





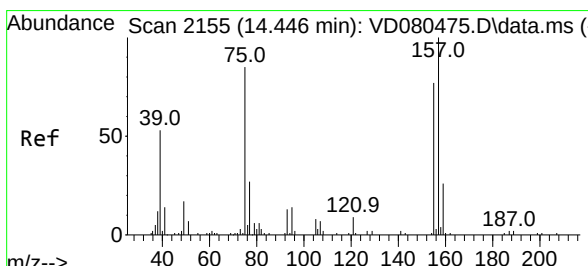
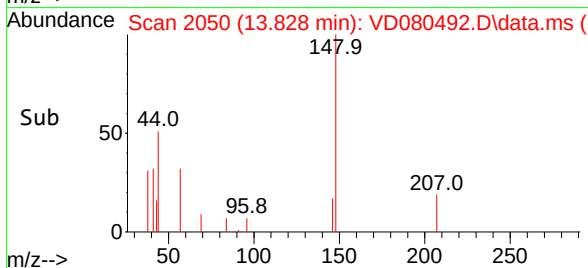
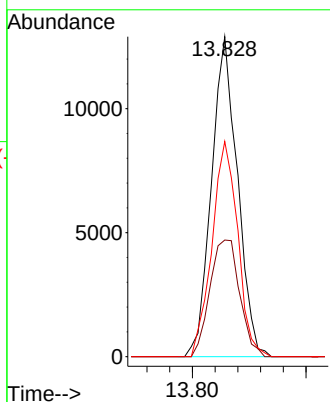
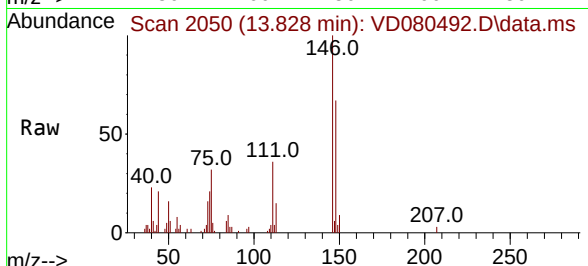
#91
 1,2-Dichlorobenzene
 Concen: 2.538 ug/l
 RT: 13.828 min Scan# 2050
 Delta R.T. -0.000 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Instrument : MSVOA_D
 ClientSampleId : MDL-SOIL-03-QT2-2025

Tgt Ion:	146	Resp:	2050
Ion Ratio	Lower	Upper	
146	100		
111	41.8	21.3	63.7
148	66.7	31.9	95.7

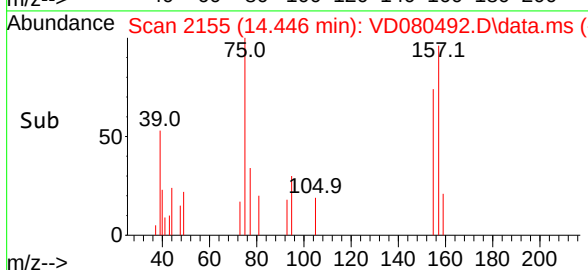
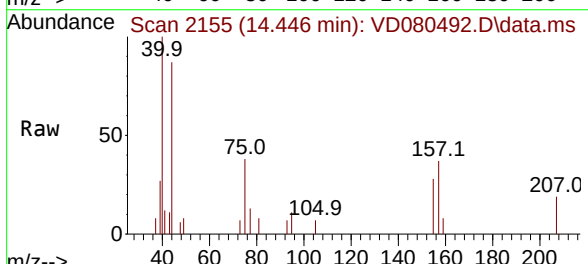
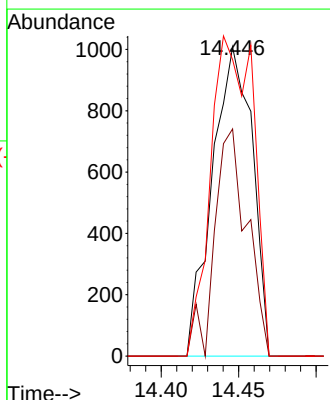
Manual Integrations
 APPROVED

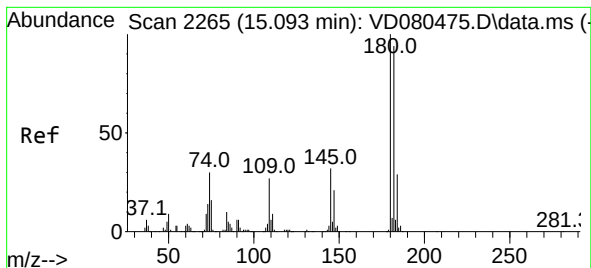
Reviewed By :Mahesh Dadoda 06/30/2025
 Supervised By :Semsettin Yesilyurt 06/30/2025



#92
 1,2-Dibromo-3-Chloropropane
 Concen: 3.037 ug/l
 RT: 14.446 min Scan# 2155
 Delta R.T. -0.000 min
 Lab File: VD080492.D
 Acq: 27 Jun 2025 13:39

Tgt Ion:	75	Resp:	1810
Ion Ratio	Lower	Upper	
75	100		
155	59.3	45.6	136.8
157	110.2	58.6	175.8





#93

1,2,4-Trichlorobenzene

Concen: 2.802 ug/l

RT: 15.093 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

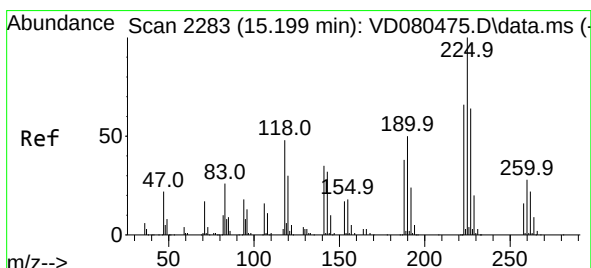
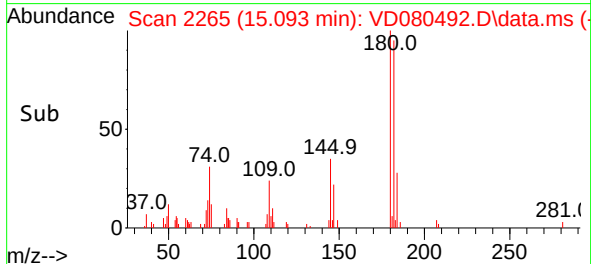
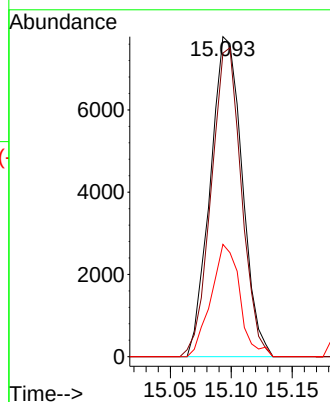
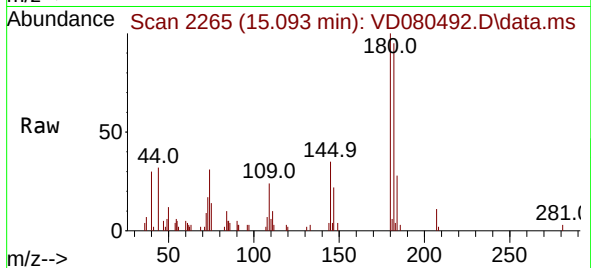
MDL-SOIL-03-QT2-2025

Tgt Ion:180	Resp:	1418
Ion Ratio	Lower	Upper
180	100	
182	91.2	46.8 140.4
145	31.8	16.0 47.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#94

Hexachlorobutadiene

Concen: 2.827 ug/l

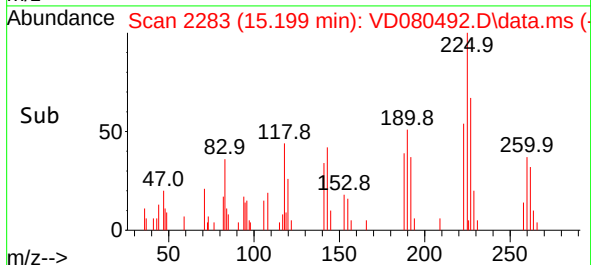
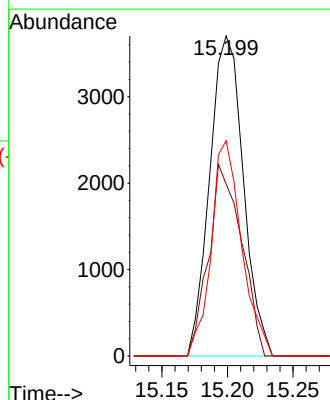
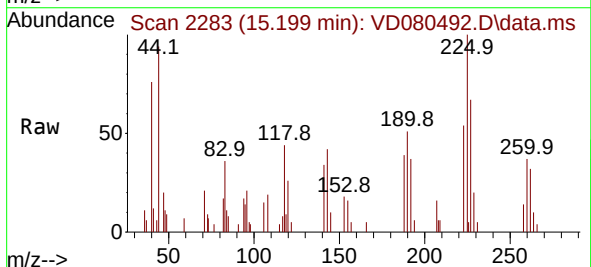
RT: 15.199 min Scan# 2283

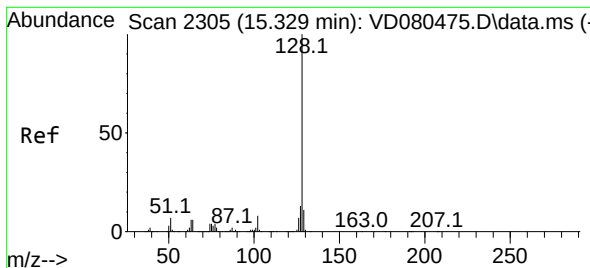
Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Tgt Ion:225	Resp:	6607
Ion Ratio	Lower	Upper
225	100	
223	58.7	31.4 94.2
227	60.6	31.8 95.3





#95

Naphthalene

Concen: 2.595 ug/l

RT: 15.328 min Scan# 2305

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Instrument :

MSVOA_D

ClientSampleId :

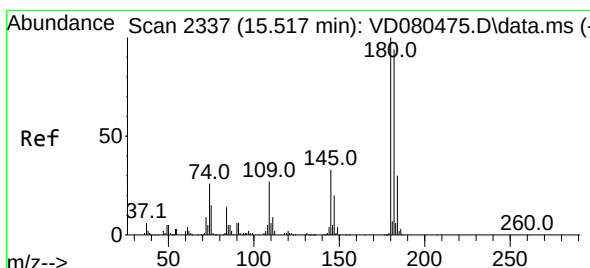
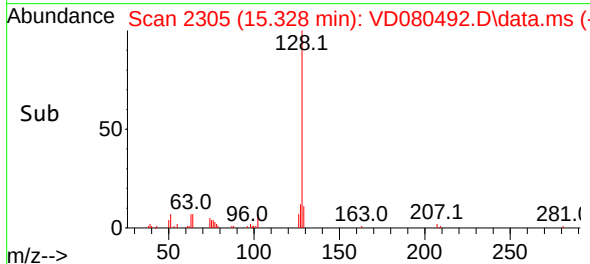
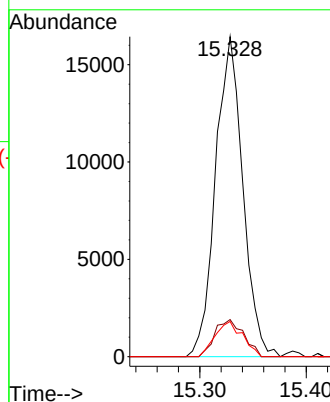
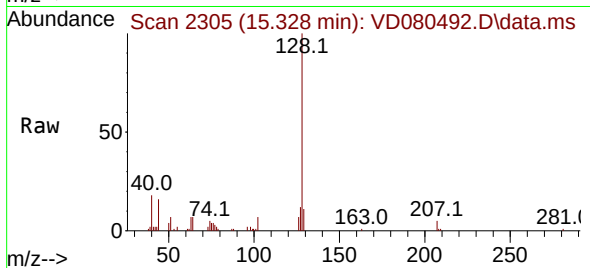
MDL-SOIL-03-QT2-2025

Tgt Ion:128	Resp:	2919
Ion Ratio	Lower	Upper
128	100	
127	11.6	10.6 15.8
129	11.0	8.7 13.1

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 06/30/2025
Supervised By :Semsettin Yesilyurt 06/30/2025



#96

1,2,3-Trichlorobenzene

Concen: 2.621 ug/l

RT: 15.517 min Scan# 2337

Delta R.T. -0.000 min

Lab File: VD080492.D

Acq: 27 Jun 2025 13:39

Tgt Ion:180	Resp:	11408
Ion Ratio	Lower	Upper
180	100	
182	93.2	47.3 141.9
145	33.9	16.7 50.1

