

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020625\
 Data File : VD080250.D
 Acq On : 06 Feb 2025 15:02
 Operator : RP/MD
 Sample : Q1168-01 2.5PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

Quant Time: Feb 07 01:13:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 07 01:12:13 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.881	168	113420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	199306	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	186976	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	89184	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76612	51.927	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 103.860%	
35) Dibromofluoromethane	7.810	113	69550	49.237	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.480%	
50) Toluene-d8	10.269	98	241289	46.062	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 92.120%	
62) 4-Bromofluorobenzene	12.575	95	75137	44.704	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 89.400%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.940	85	3403	2.539	ug/l	99
3) Chloromethane	2.152	50	6948	2.941	ug/l	91
4) Vinyl Chloride	2.281	62	7933	2.775	ug/l	95
5) Bromomethane	2.687	94	6290	2.854	ug/l	100
6) Chloroethane	2.834	64	6028	3.166	ug/l	99
7) Trichlorofluoromethane	3.175	101	6485	2.738	ug/l #	81
8) Diethyl Ether	3.599	74	1762	2.719	ug/l	78
9) 1,1,2-Trichlorotrifluo...	3.957	101	3939	2.873	ug/l #	71
10) Methyl Iodide	4.163	142	3556	3.630	ug/l #	69
11) Tert butyl alcohol	5.057	59	744	9.129	ug/l #	75
12) 1,1-Dichloroethene	3.940	96	3426	2.638	ug/l #	79
13) Acrolein	3.804	56	2114	13.757	ug/l	91
14) Allyl chloride	4.569	41	5110m	2.553	ug/l	
15) Acrylonitrile	5.269	53	4543	14.592	ug/l #	91
16) Acetone	4.028	43	3554	14.947	ug/l #	62
17) Carbon Disulfide	4.275	76	12791	2.731	ug/l	98
18) Methyl Acetate	4.563	43	2402	2.994	ug/l #	77
19) Methyl tert-butyl Ether	5.328	73	6673	2.334	ug/l	92
20) Methylene Chloride	4.804	84	4736	2.935	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	3691	2.501	ug/l #	76
22) Diisopropyl ether	6.222	45	9057	2.174	ug/l #	82
23) Vinyl Acetate	6.157	43	26207m	10.897	ug/l	
24) 1,1-Dichloroethane	6.122	63	7652	2.802	ug/l #	91
25) 2-Butanone	7.098	43	4435	12.025	ug/l	99
26) 2,2-Dichloropropane	7.081	77	6247	2.638	ug/l	83
27) cis-1,2-Dichloroethene	7.081	96	4332	2.599	ug/l	95
28) Bromochloromethane	7.428	49	4212	3.380	ug/l #	80
29) Tetrahydrofuran	7.457	42	3605m	14.924	ug/l	
30) Chloroform	7.598	83	8323	2.981	ug/l	86
31) Cyclohexane	7.881	56	7497	3.430	ug/l #	72
32) 1,1,1-Trichloroethane	7.798	97	6427	2.752	ug/l	97
36) 1,1-Dichloropropene	8.010	75	4976	2.459	ug/l	91
37) Ethyl Acetate	7.181	43	2959	2.983	ug/l #	78
38) Carbon Tetrachloride	7.992	117	5107	2.417	ug/l	93
39) Methylcyclohexane	9.281	83	4900	2.229	ug/l	96
40) Benzene	8.251	78	14928	2.354	ug/l	95

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	1637	2.998	ug/l #	45
42) 1,2-Dichloroethane	8.328	62	5051	2.799	ug/l	99
43) Isopropyl Acetate	8.369	43	4232	2.404	ug/l #	59
44) Trichloroethene	9.022	130	3970	2.710	ug/l	78
45) 1,2-Dichloropropane	9.304	63	4775	2.994	ug/l	97
46) Dibromomethane	9.392	93	2686	3.022	ug/l #	82
47) Bromodichloromethane	9.586	83	6139	2.739	ug/l #	97
48) Methyl methacrylate	9.381	41	2657	3.261	ug/l #	71
49) 1,4-Dioxane	9.398	88	379	39.203	ug/l #	74
51) 4-Methyl-2-Pentanone	10.157	43	9708	10.904	ug/l	99
52) Toluene	10.339	92	9130	2.461	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	4811	2.518	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	5642	2.428	ug/l	93
55) 1,1,2-Trichloroethane	10.739	97	3104	2.688	ug/l #	78
56) Ethyl methacrylate	10.598	69	2764	2.098	ug/l #	66
57) 1,3-Dichloropropane	10.881	76	4749	2.487	ug/l	90
58) 2-Chloroethyl Vinyl ether	9.875	63	6094	10.837	ug/l	95
59) 2-Hexanone	10.922	43	6024	10.311	ug/l	98
60) Dibromochloromethane	11.069	129	3745	2.631	ug/l	98
61) 1,2-Dibromoethane	11.181	107	2510	2.387	ug/l	91
64) Tetrachloroethene	10.810	164	3421	2.619	ug/l	96
65) Chlorobenzene	11.604	112	10809	2.522	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.681	131	4059	2.707	ug/l	92
67) Ethyl Benzene	11.686	91	14630	2.052	ug/l	97
68) m/p-Xylenes	11.798	106	11073	4.001	ug/l	92
69) o-Xylene	12.122	106	5343	2.117	ug/l	90
70) Styrene	12.133	104	8523	1.897	ug/l	96
71) Bromoform	12.292	173	2217	2.508	ug/l #	96
73) Isopropylbenzene	12.422	105	12640	2.095	ug/l	97
74) N-amyl acetate	12.233	43	4113	2.594	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.675	83	3737	2.977	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	2597m	2.879	ug/l	
77) Bromobenzene	12.698	156	3975	2.555	ug/l	92
78) n-propylbenzene	12.763	91	16839	2.192	ug/l	97
79) 2-Chlorotoluene	12.851	91	10079	2.310	ug/l	91
80) 1,3,5-Trimethylbenzene	12.904	105	10737	2.128	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	1078m	2.444	ug/l	
82) 4-Chlorotoluene	12.945	91	9944	2.145	ug/l	95
83) tert-Butylbenzene	13.169	119	8867	2.150	ug/l	95
84) 1,2,4-Trimethylbenzene	13.216	105	9542	1.858	ug/l	83
85) sec-Butylbenzene	13.345	105	13199	2.093	ug/l	100
86) p-Isopropyltoluene	13.457	119	10585	1.966	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	7413	2.419	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	8487	2.736	ug/l	87
89) n-Butylbenzene	13.786	91	10887	2.081	ug/l	94
90) Hexachloroethane	14.045	117	3445	2.879	ug/l	99
91) 1,2-Dichlorobenzene	13.833	146	6612	2.448	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.463	75	796	3.986	ug/l	62
93) 1,2,4-Trichlorobenzene	15.098	180	4402	2.557	ug/l	95
94) Hexachlorobutadiene	15.198	225	2161	2.318	ug/l	90
95) Naphthalene	15.327	128	7303	2.366	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.516	180	4064	2.616	ug/l	89

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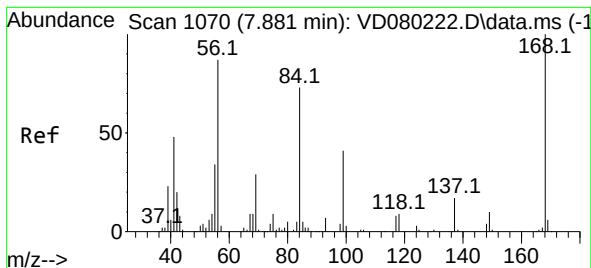
Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

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Quant Title : SW846 8260
QLast Update : Fri Feb 07 01:12:13 2025
Response via : Initial Calibration

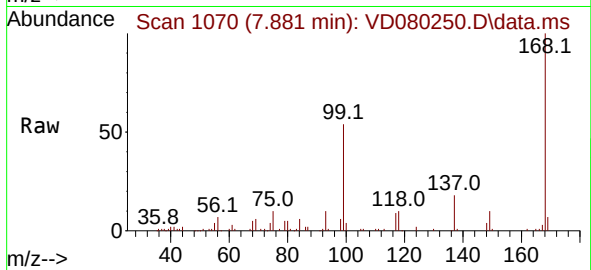
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

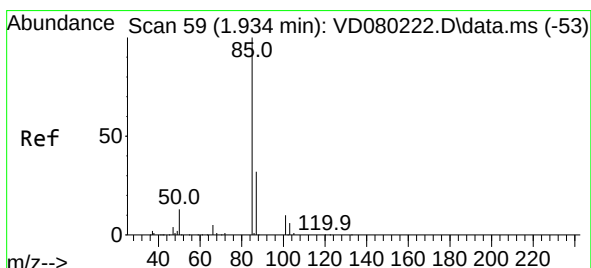
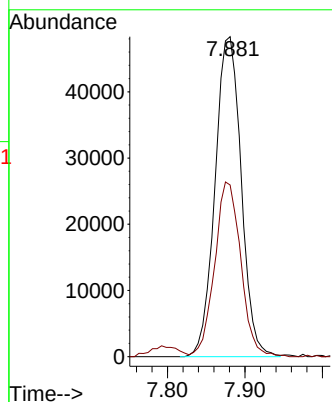
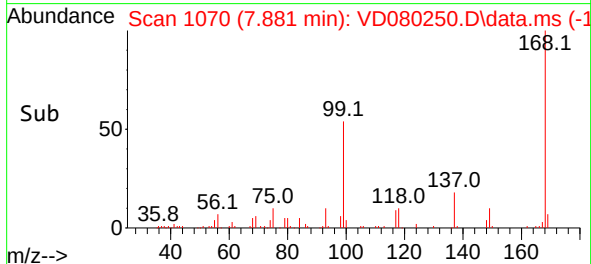
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:168 Resp: 113420
Ion Ratio Lower Upper
168 100
99 53.2 44.4 66.6

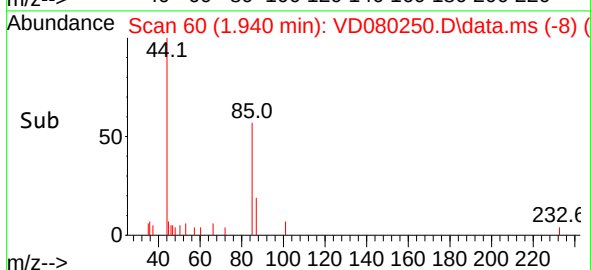
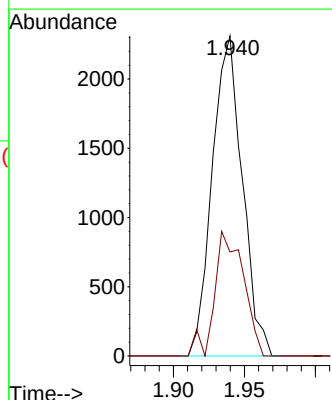
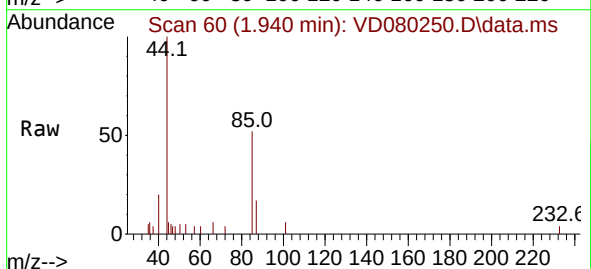
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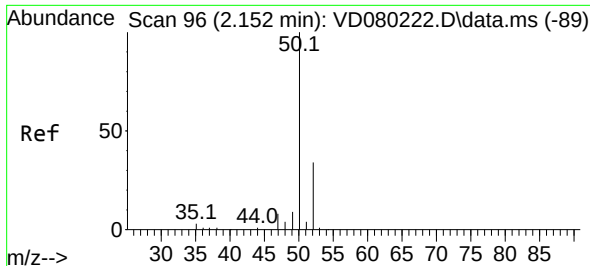
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#2
Dichlorodifluoromethane
Concen: 2.539 ug/l
RT: 1.940 min Scan# 60
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

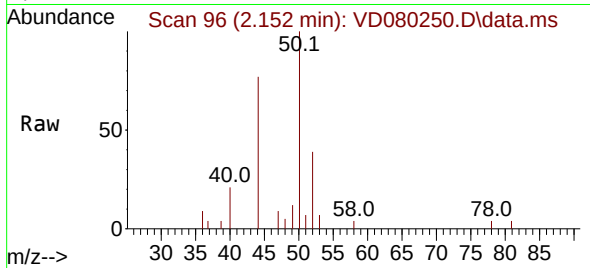
Tgt Ion: 85 Resp: 3403
Ion Ratio Lower Upper
85 100
87 32.5 16.0 47.9





#3
Chloromethane
Concen: 2.941 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

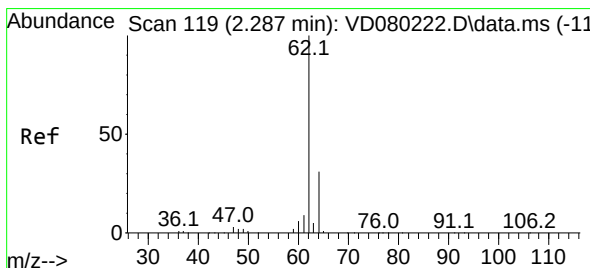
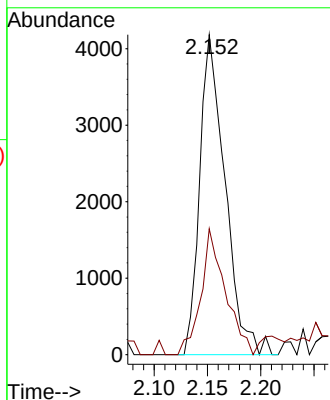
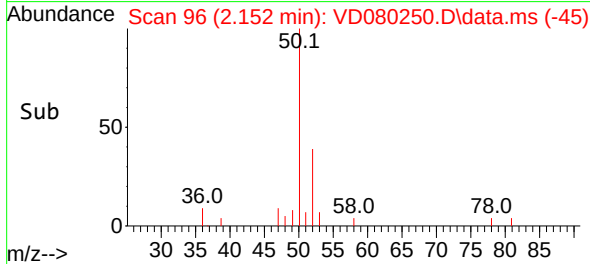
Instrument : MSVOA_D
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Tgt Ion: 50 Resp: 6948
Ion Ratio Lower Upper
50 100
52 39.3 27.2 40.8

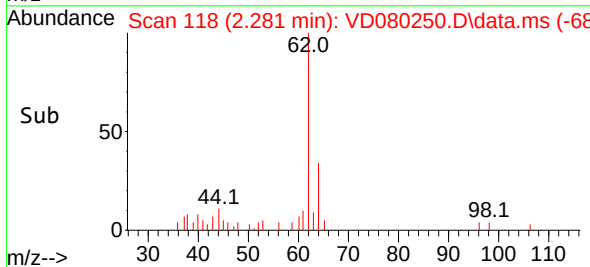
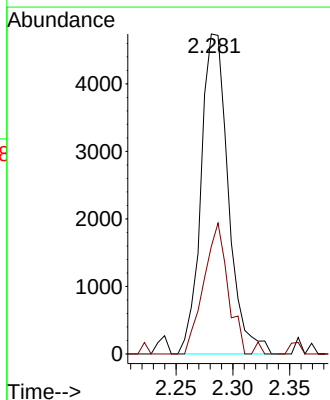
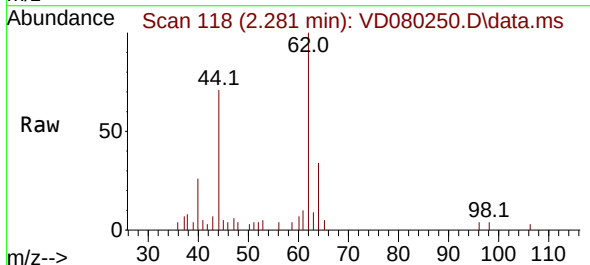
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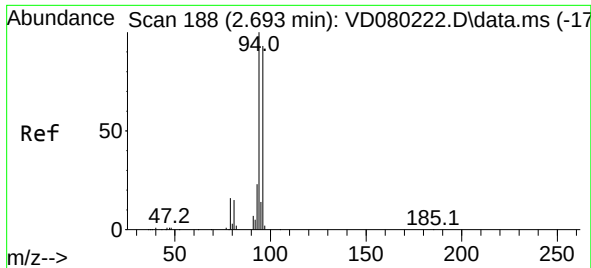
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#4
Vinyl Chloride
Concen: 2.775 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

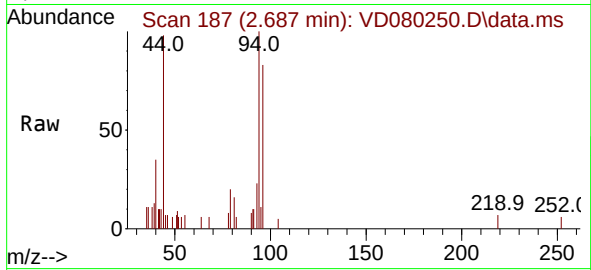
Tgt Ion: 62 Resp: 7933
Ion Ratio Lower Upper
62 100
64 33.6 24.8 37.2





#5
Bromomethane
Concen: 2.854 ug/l
RT: 2.687 min Scan# 187
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

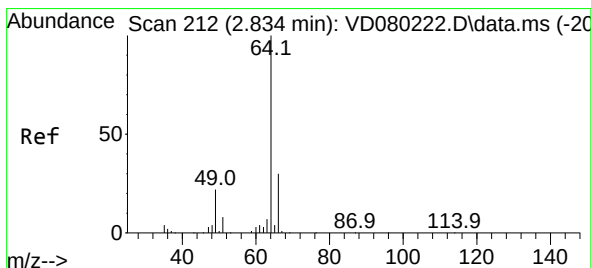
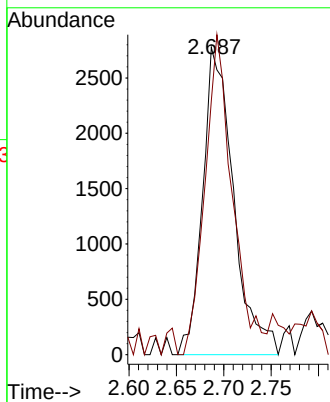
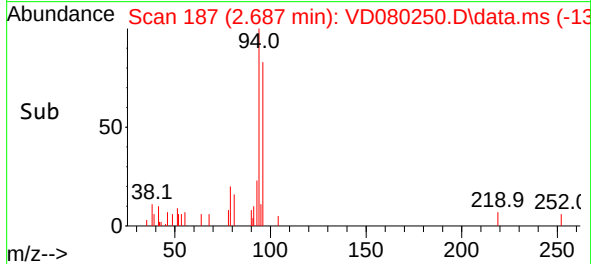
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Tgt Ion: 94 Resp: 6290
Ion Ratio Lower Upper
94 100
96 93.2 74.4 111.6

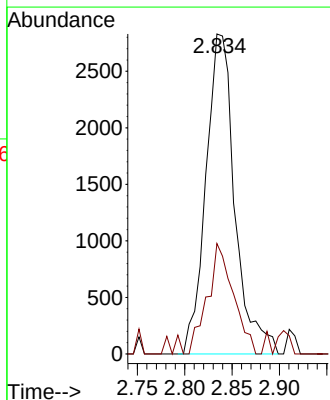
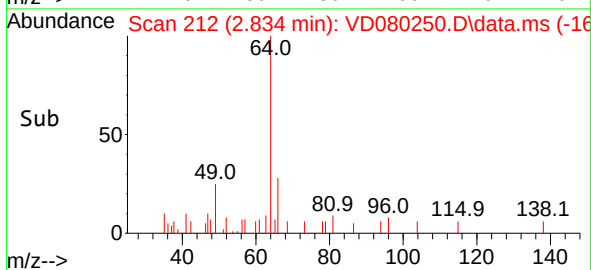
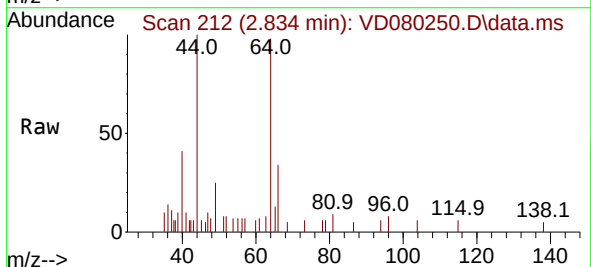
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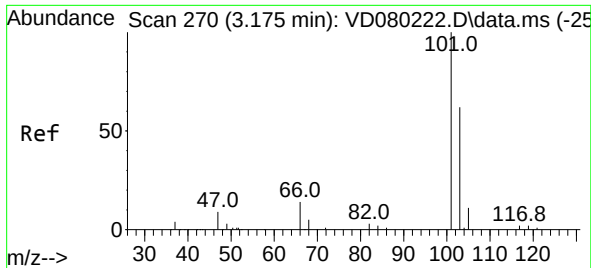
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#6
Chloroethane
Concen: 3.166 ug/l
RT: 2.834 min Scan# 212
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

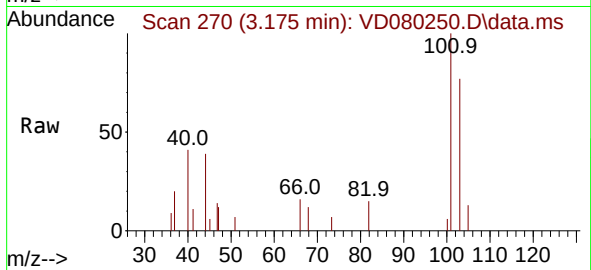
Tgt Ion: 64 Resp: 6028
Ion Ratio Lower Upper
64 100
66 29.1 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 2.738 ug/l
 RT: 3.175 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02

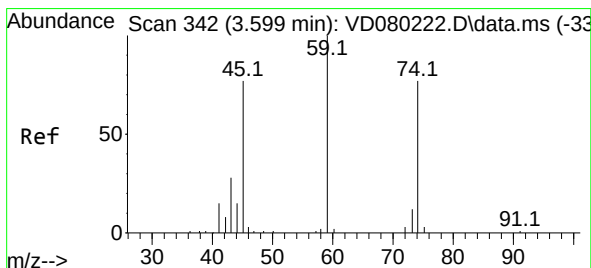
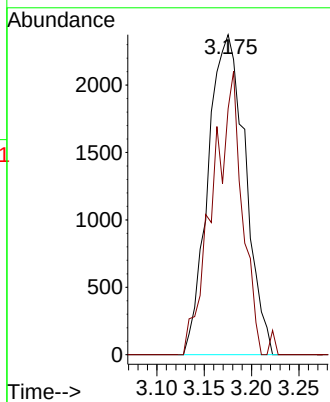
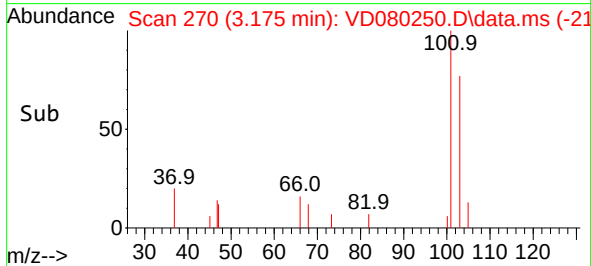
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025



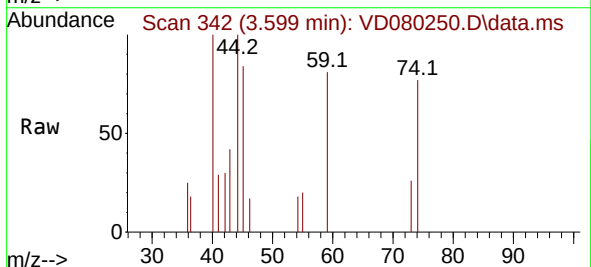
Tgt Ion:101 Resp: 648
 Ion Ratio Lower Upper
 101 100
 103 76.9 49.9 74.9

Manual Integrations
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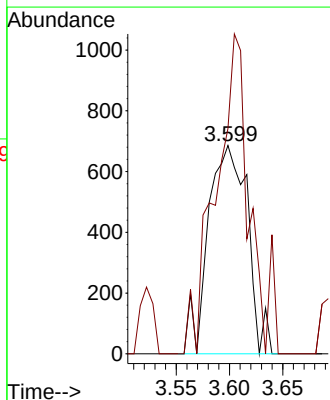
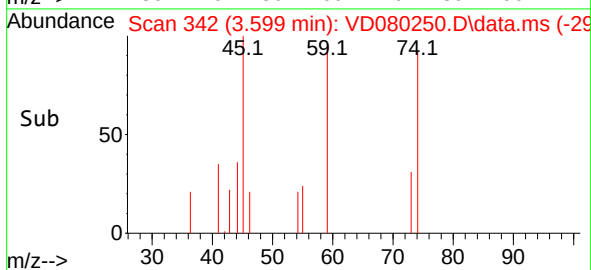
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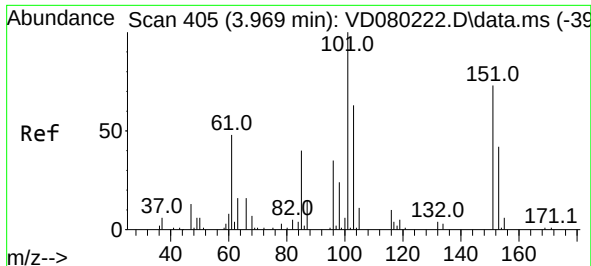


#8
 Diethyl Ether
 Concen: 2.719 ug/l
 RT: 3.599 min Scan# 342
 Delta R.T. -0.000 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02



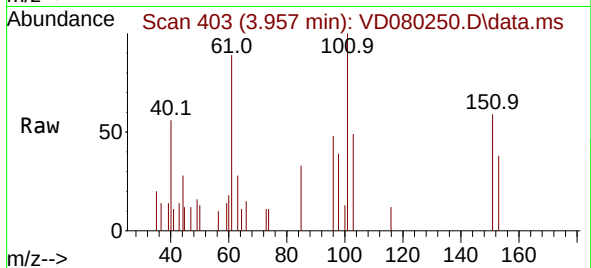
Tgt Ion: 74 Resp: 1762
 Ion Ratio Lower Upper
 74 100
 45 124.3 51.0 153.1





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.873 ug/l
RT: 3.957 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD080250.D
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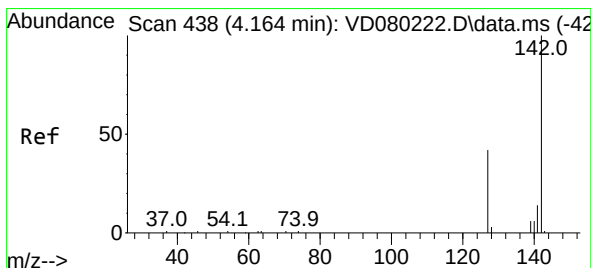
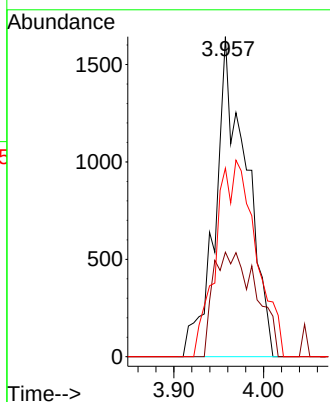
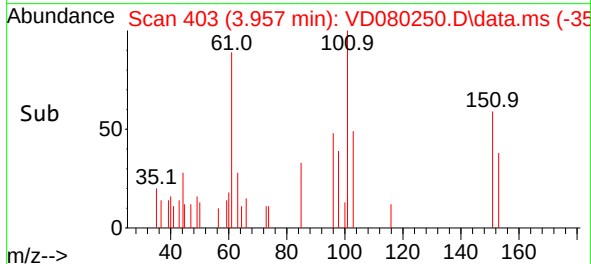
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:101 Resp: 3939
Ion Ratio Lower Upper
101 100
85 45.3 36.2 54.4
151 33.8 59.0 88.6

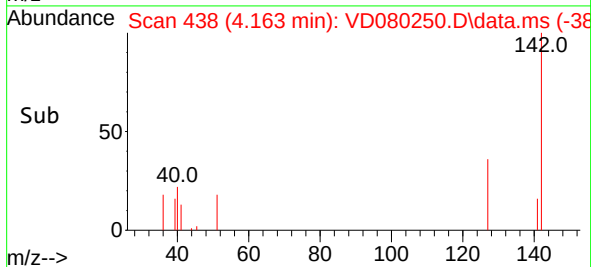
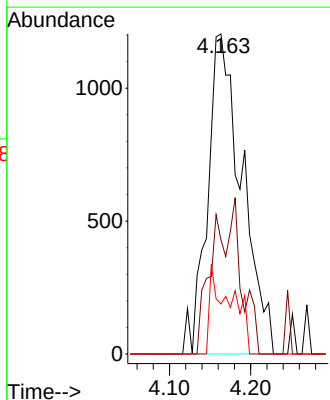
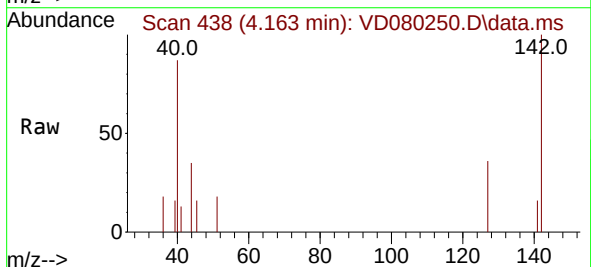
Manual Integrations
APPROVED

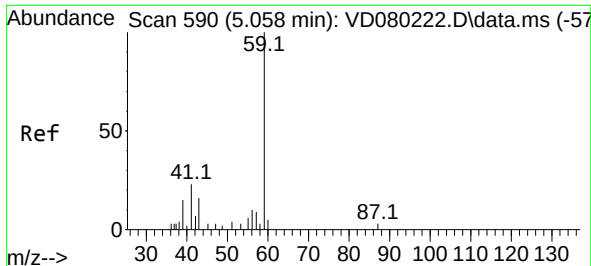
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#10
Methyl Iodide
Concen: 3.630 ug/l
RT: 4.163 min Scan# 438
Delta R.T. -0.001 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion:142 Resp: 3556
Ion Ratio Lower Upper
142 100
127 21.2 35.4 53.2#
141 7.3 12.6 18.8#





#11

Tert butyl alcohol

Concen: 9.129 ug/l

RT: 5.057 min Scan# 590

Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

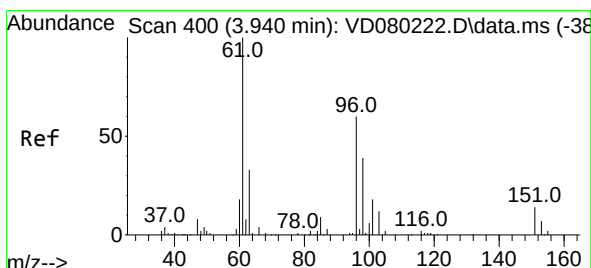
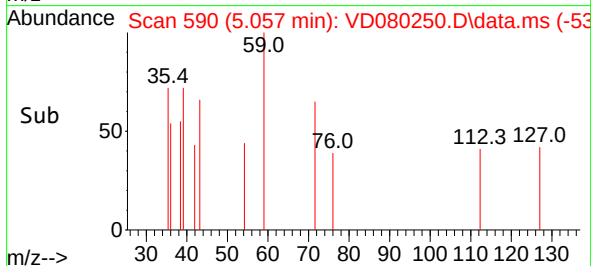
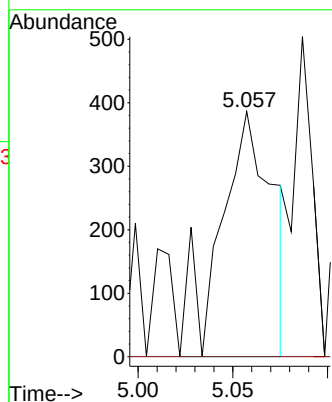
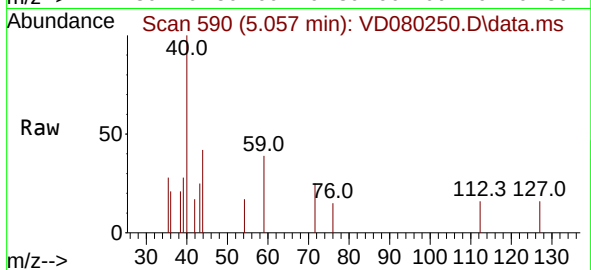
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 59 Resp: 744
Ion Ratio Lower Upper
59 100
57 0.0 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#12

1,1-Dichloroethene

Concen: 2.638 ug/l

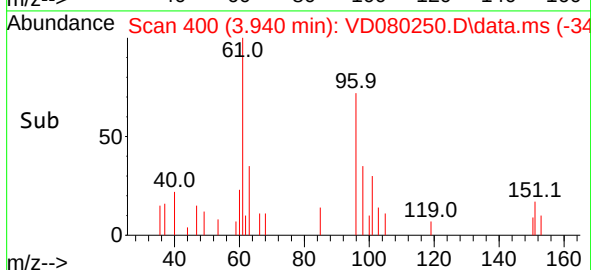
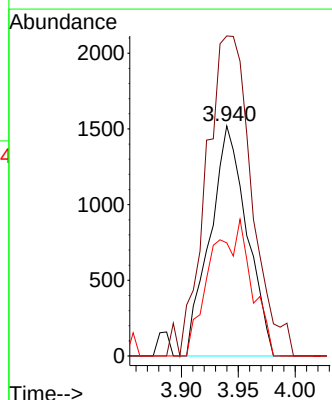
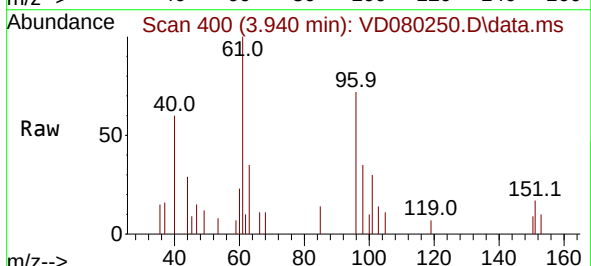
RT: 3.940 min Scan# 400

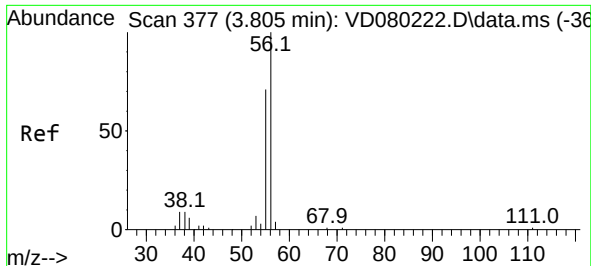
Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

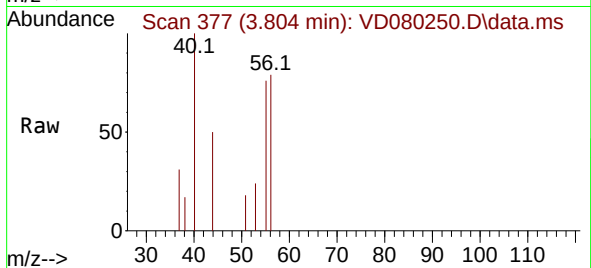
Tgt Ion: 96 Resp: 3426
Ion Ratio Lower Upper
96 100
61 139.1 133.8 200.6
98 49.2 52.2 78.2





#13
Acrolein
Concen: 13.757 ug/l
RT: 3.804 min Scan# 311
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

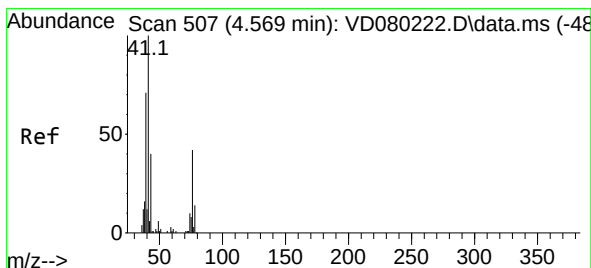
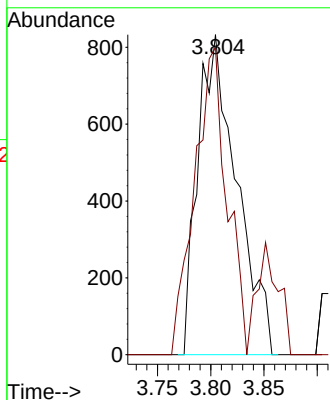
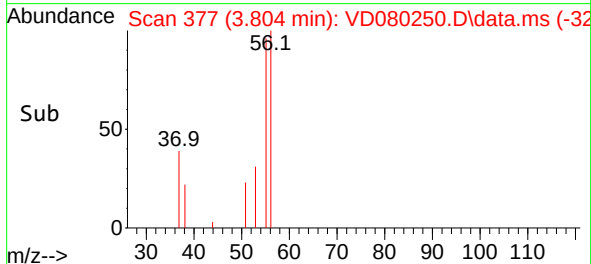
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 56 Resp: 2114
Ion Ratio Lower Upper
56 100
55 80.1 57.8 86.8

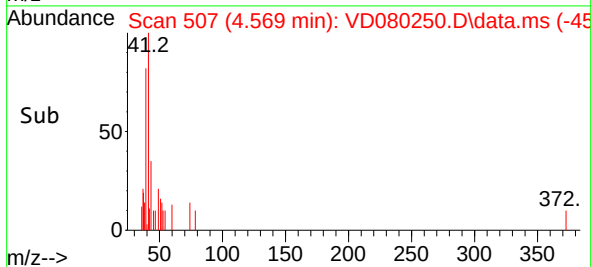
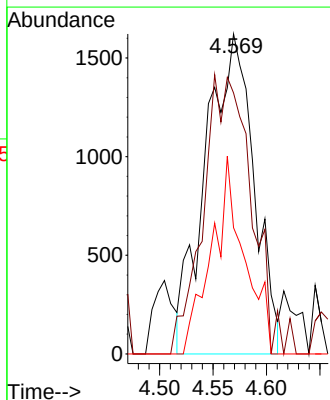
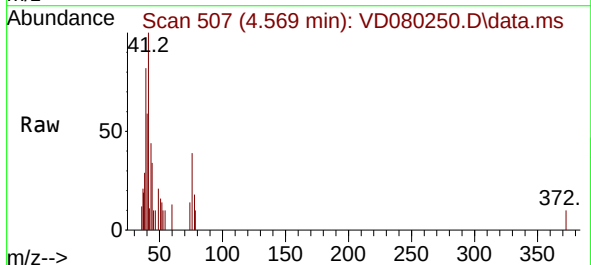
Manual Integrations
APPROVED

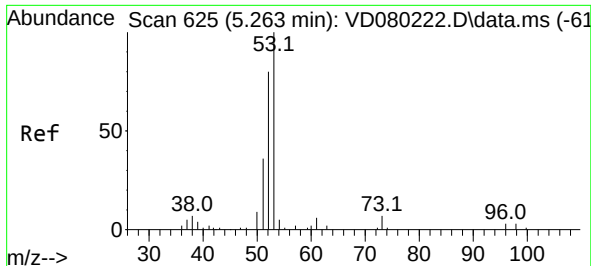
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#14
Allyl chloride
Concen: 2.553 ug/l m
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

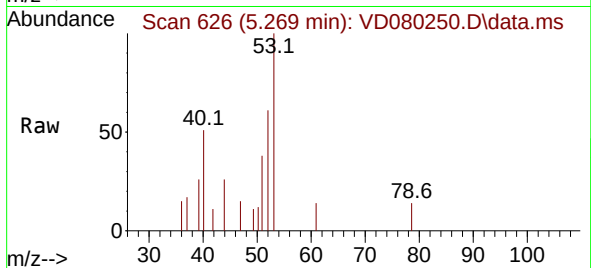
Tgt Ion: 41 Resp: 5110
Ion Ratio Lower Upper
41 100
39 87.6 55.0 82.4#
76 41.4 31.0 46.4





#15
Acrylonitrile
Concen: 14.592 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

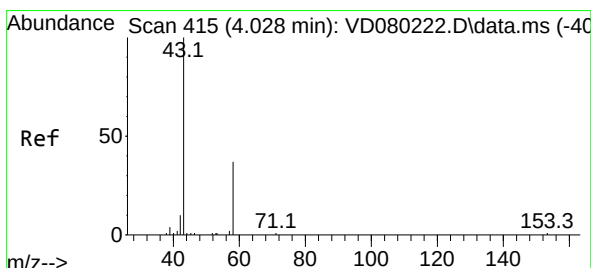
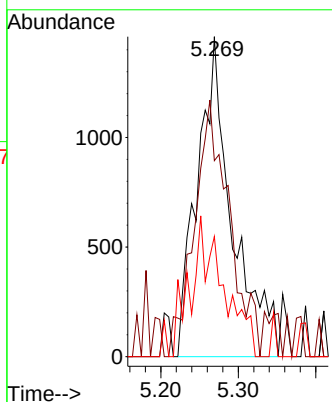
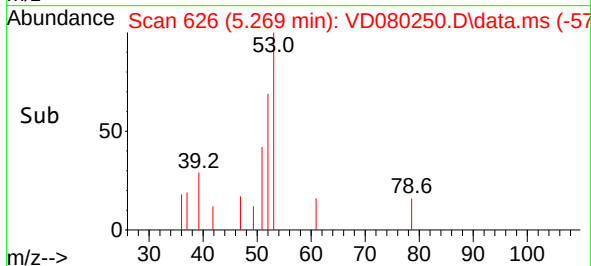
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 53 Resp: 454
Ion Ratio Lower Upper
53 100
52 80.4 65.9 98.9
51 22.6 30.1 45.1

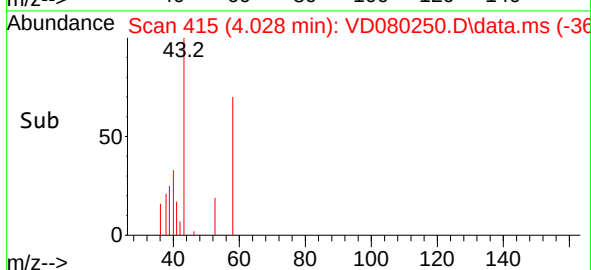
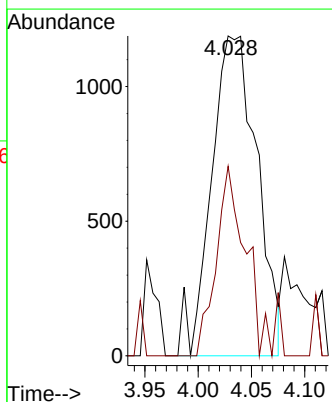
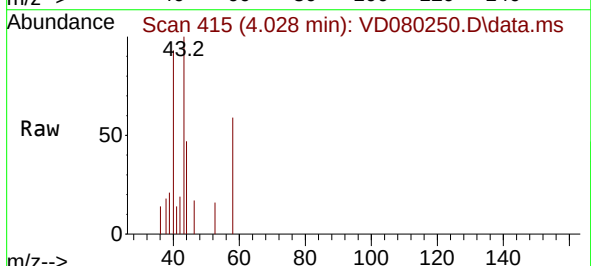
Manual Integrations
APPROVED

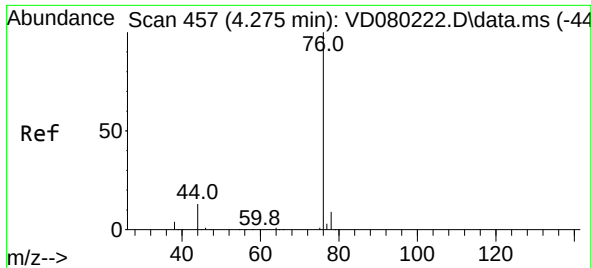
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#16
Acetone
Concen: 14.947 ug/l
RT: 4.028 min Scan# 415
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

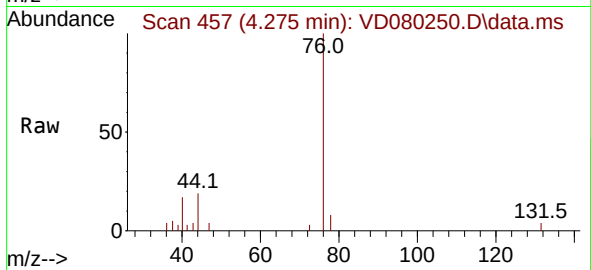
Tgt Ion: 43 Resp: 3554
Ion Ratio Lower Upper
43 100
58 59.3 29.5 44.3





#17
Carbon Disulfide
Concen: 2.731 ug/l
RT: 4.275 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

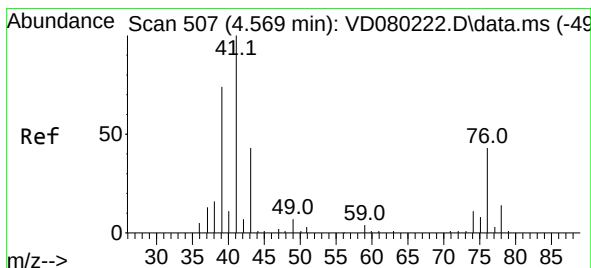
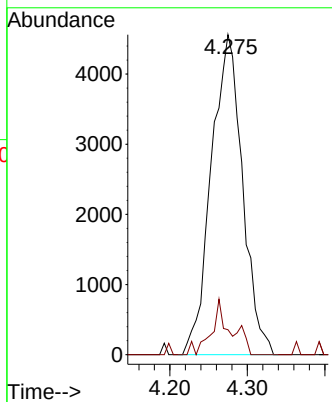
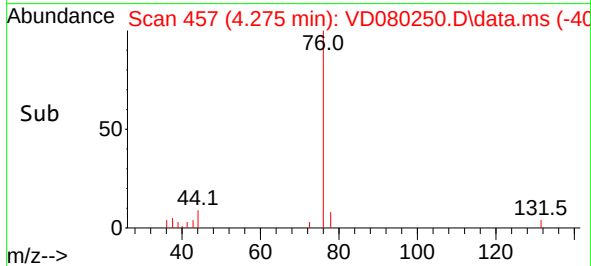
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 76 Resp: 1279
Ion Ratio Lower Upper
76 100
78 7.8 7.0 10.4

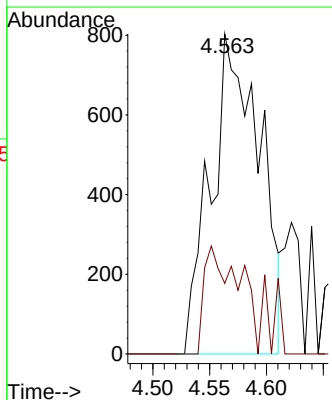
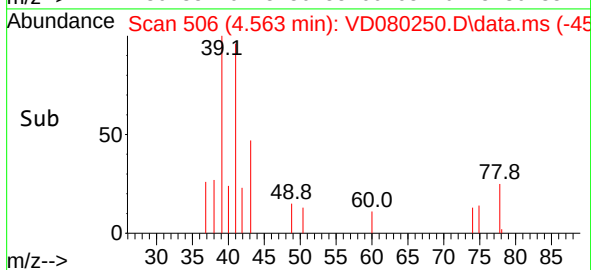
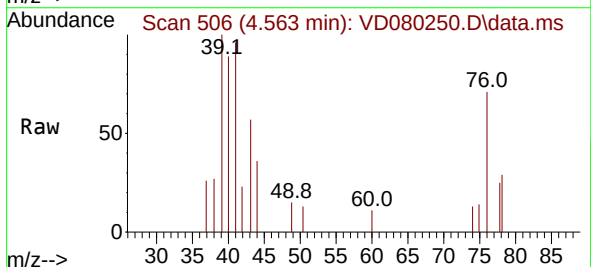
Manual Integrations
APPROVED

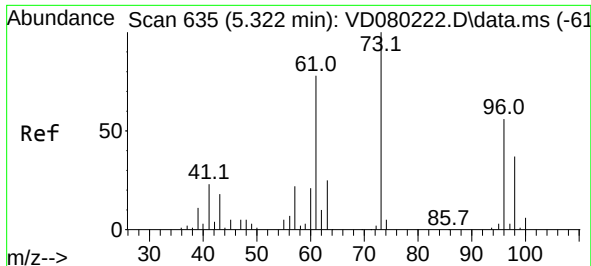
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#18
Methyl Acetate
Concen: 2.994 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion: 43 Resp: 2402
Ion Ratio Lower Upper
43 100
74 12.9 19.4 29.2#





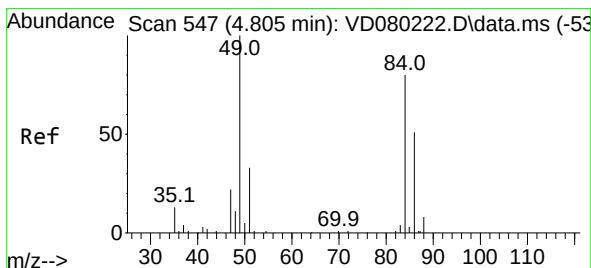
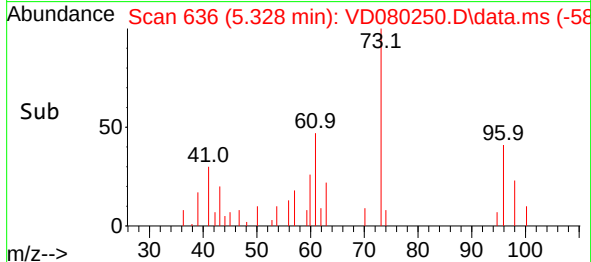
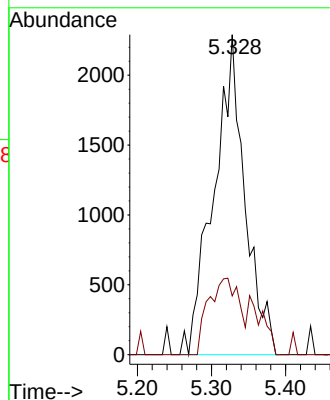
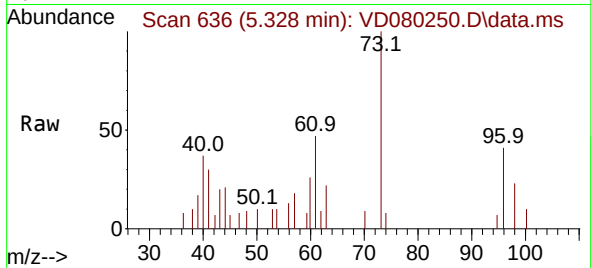
#19
Methyl tert-butyl Ether
Concen: 2.334 ug/l
RT: 5.328 min Scan# 61
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 73 Resp: 667
Ion Ratio Lower Upper
73 100
57 18.3 17.8 26.8

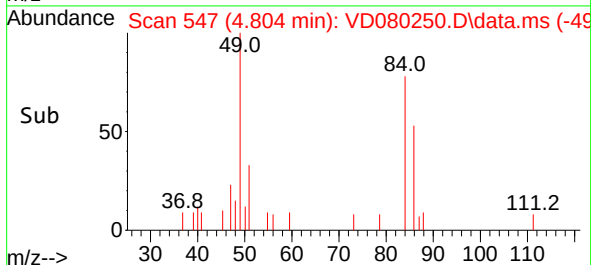
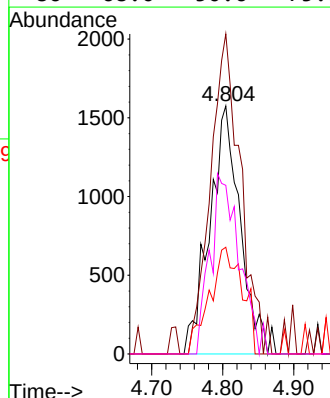
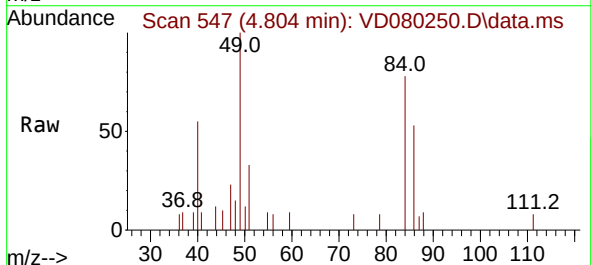
Manual Integrations
APPROVED

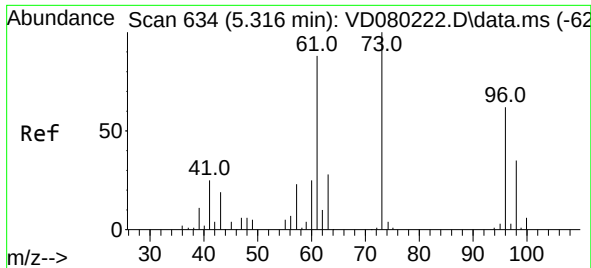
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#20
Methylene Chloride
Concen: 2.935 ug/l
RT: 4.804 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

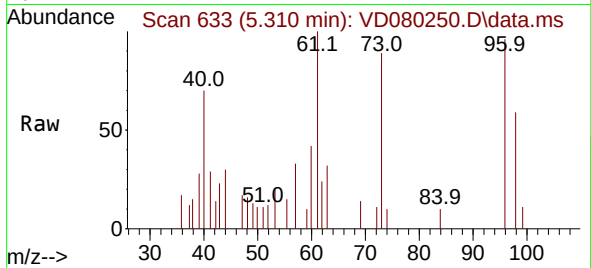
Tgt Ion: 84 Resp: 4736
Ion Ratio Lower Upper
84 100
49 129.0 99.4 149.2
51 43.0 32.6 49.0
86 68.0 50.6 75.8





#21
trans-1,2-Dichloroethene
Concen: 2.501 ug/l
RT: 5.310 min Scan# 610
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

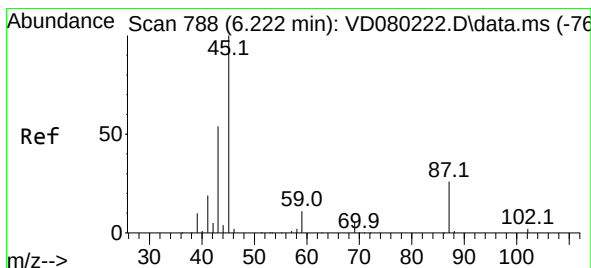
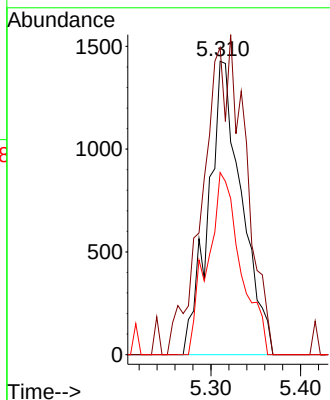
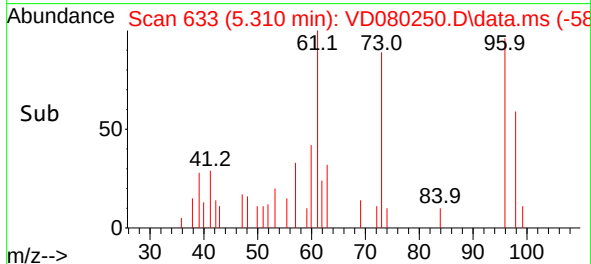
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 96 Resp: 369
Ion Ratio Lower Upper
96 100
61 104.6 113.7 170.5
98 62.0 45.4 68.2

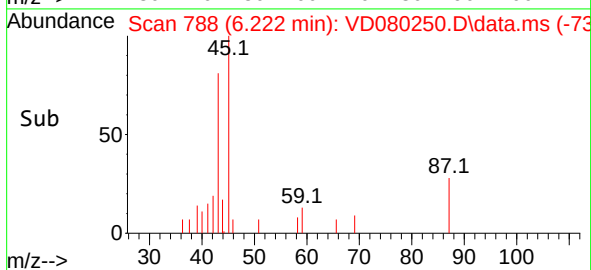
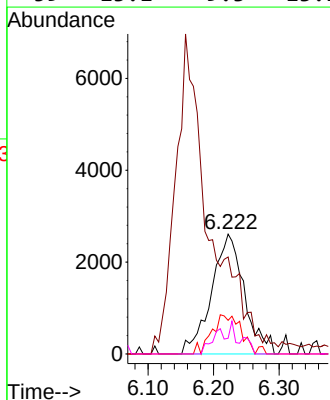
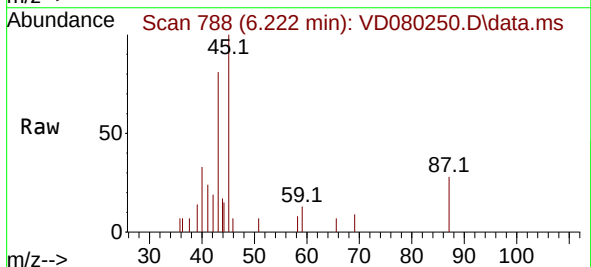
Manual Integrations
APPROVED

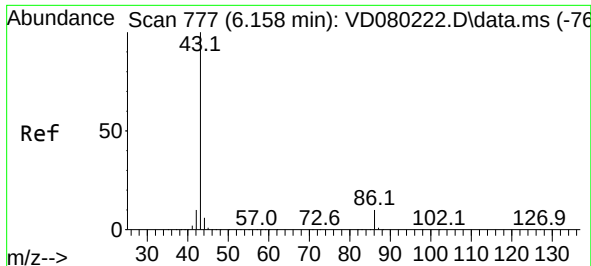
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#22
Diisopropyl ether
Concen: 2.174 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

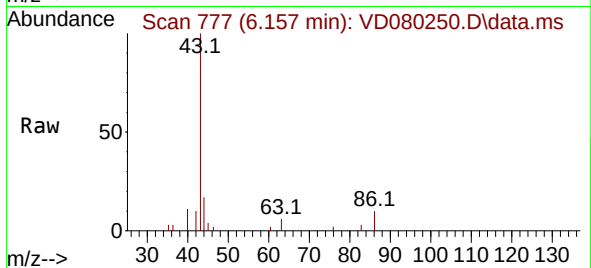
Tgt Ion: 45 Resp: 9057
Ion Ratio Lower Upper
45 100
43 74.9 44.3 66.5
87 28.1 20.5 30.7
59 13.1 9.3 13.9





#23
 Vinyl Acetate
 Concen: 10.897 ug/l m
 RT: 6.157 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02

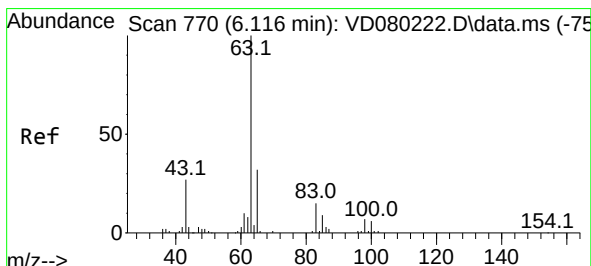
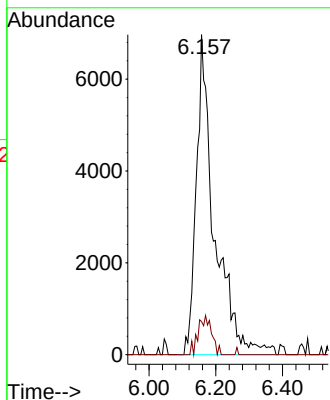
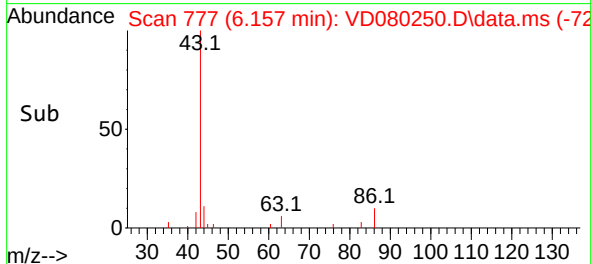
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025



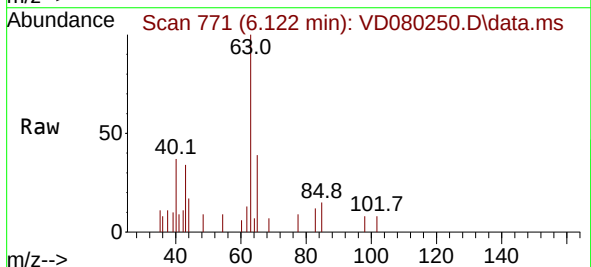
Tgt Ion: 43 Resp: 2620
 Ion Ratio Lower Upper
 43 100
 86 10.4 8.1 12.1

Manual Integrations
 APPROVED

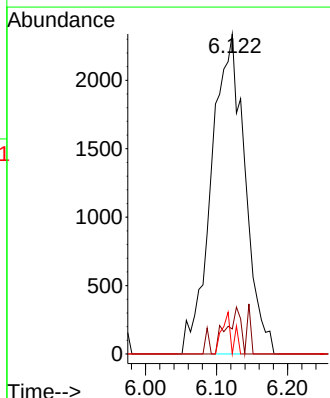
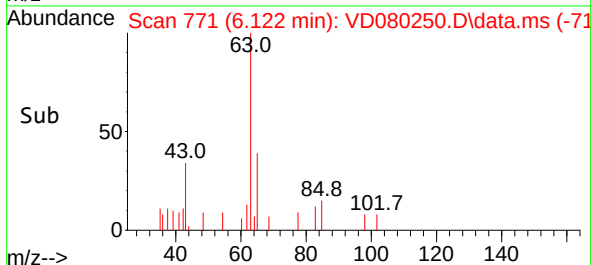
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025

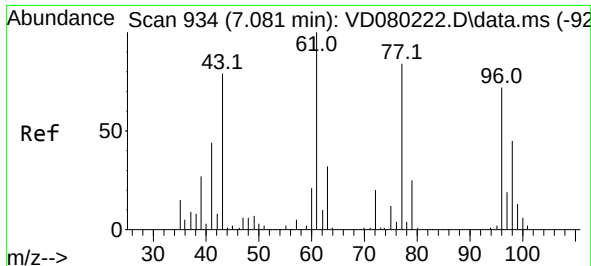


#24
 1,1-Dichloroethane
 Concen: 2.802 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02



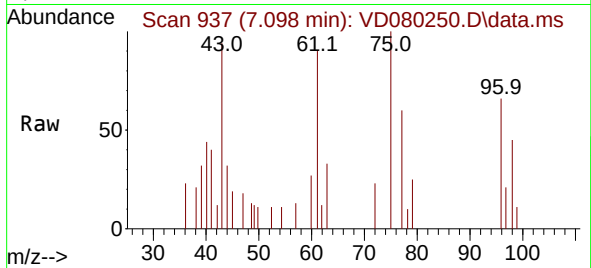
Tgt Ion: 63 Resp: 7652
 Ion Ratio Lower Upper
 63 100
 98 7.8 3.5 10.5
 100 0.0 2.8 8.4#





#25
2-Butanone
Concen: 12.025 ug/l
RT: 7.098 min Scan# 91
Delta R.T. 0.017 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

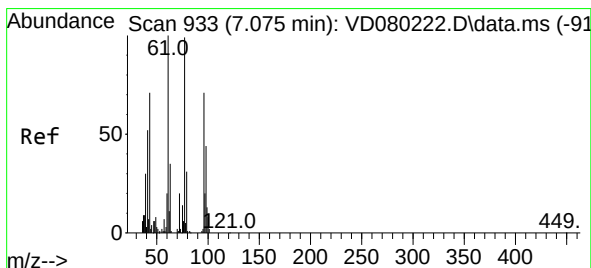
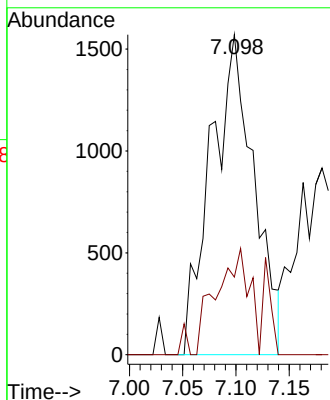
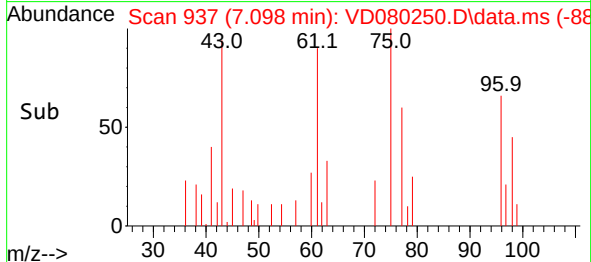
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 443
Ion Ratio Lower Upper
43 100
72 24.3 19.9 29.9

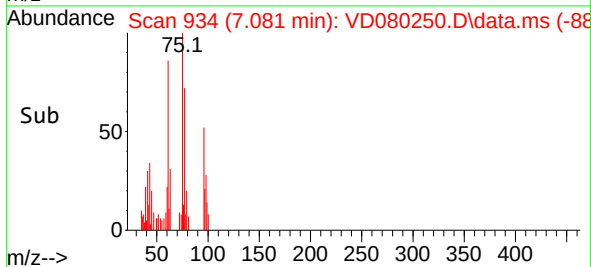
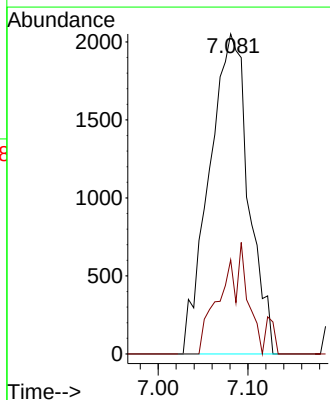
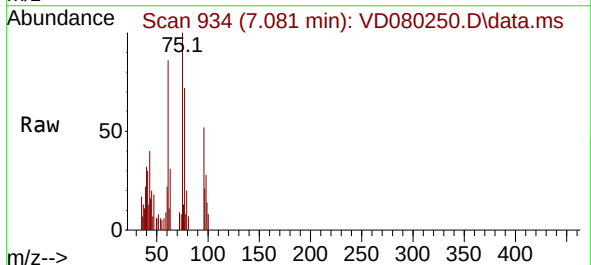
Manual Integrations
APPROVED

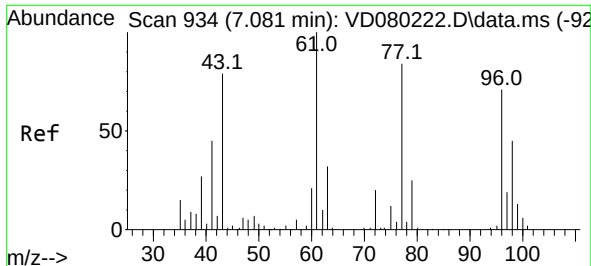
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#26
2,2-Dichloropropane
Concen: 2.638 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

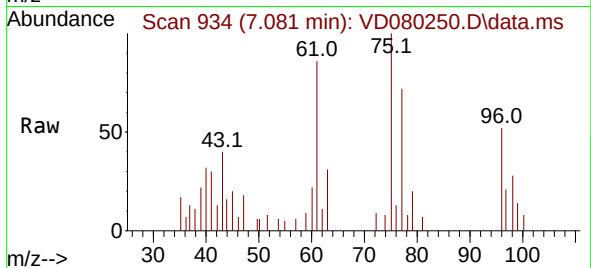
Tgt Ion: 77 Resp: 6247
Ion Ratio Lower Upper
77 100
97 14.4 11.3 33.8





#27
cis-1,2-Dichloroethene
Concen: 2.599 ug/l
RT: 7.081 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

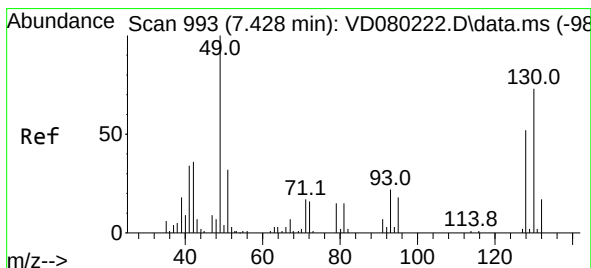
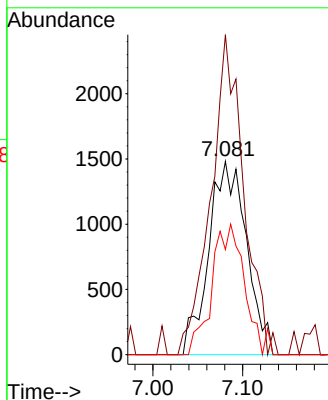
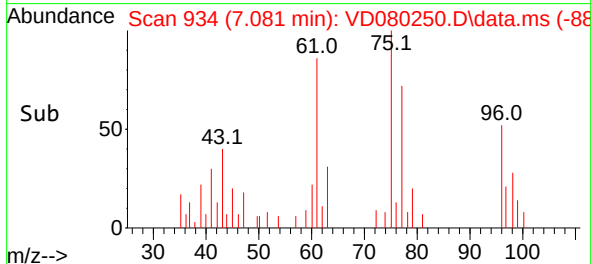
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 96 Resp: 433
Ion Ratio Lower Upper
96 100
61 143.7 0.0 297.4
98 58.4 0.0 131.0

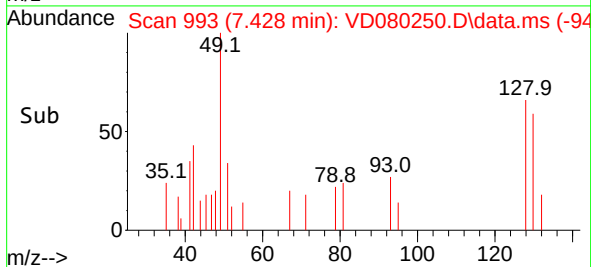
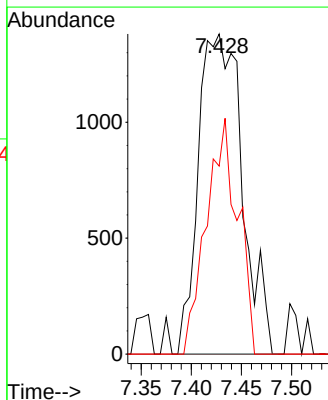
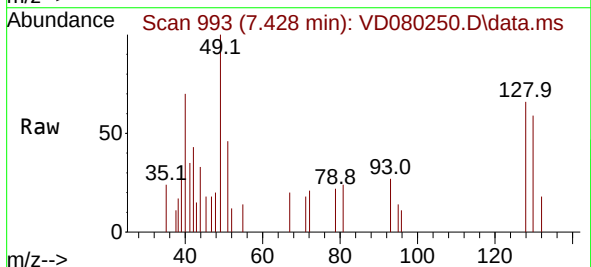
Manual Integrations
APPROVED

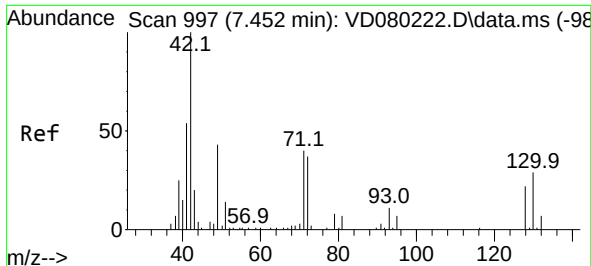
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#28
Bromochloromethane
Concen: 3.380 ug/l
RT: 7.428 min Scan# 993
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion: 49 Resp: 4212
Ion Ratio Lower Upper
49 100
129 0.0 0.0 1.8
130 52.8 55.3 82.9#





#29

Tetrahydrofuran

Concen: 14.924 ug/l m

RT: 7.457 min Scan# 997

Delta R.T. 0.006 min

Lab File: VD080250.D

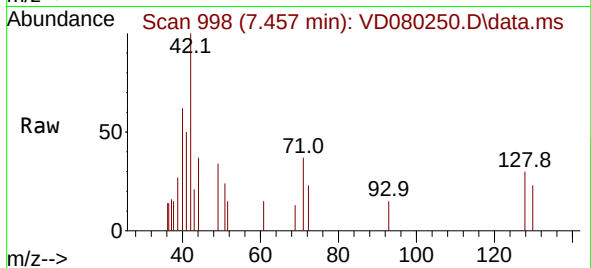
Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



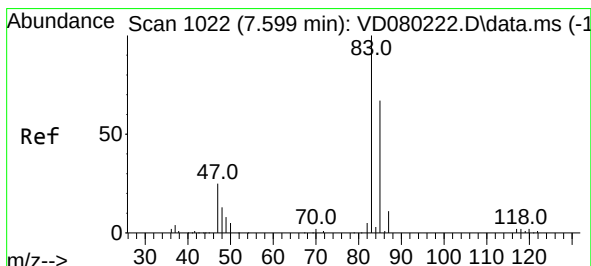
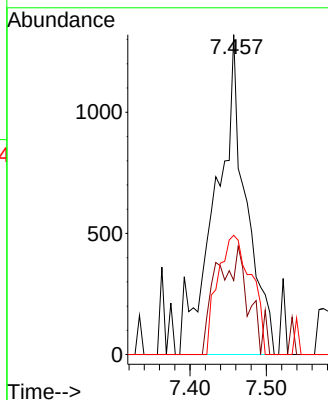
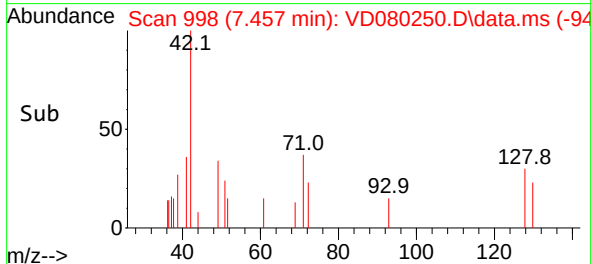
Tgt Ion:	42	Resp:	360
Ion Ratio	Lower	Upper	
42	100		
72	1.5	33.5	50.3
71	1.5	32.9	49.3

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#30

Chloroform

Concen: 2.981 ug/l

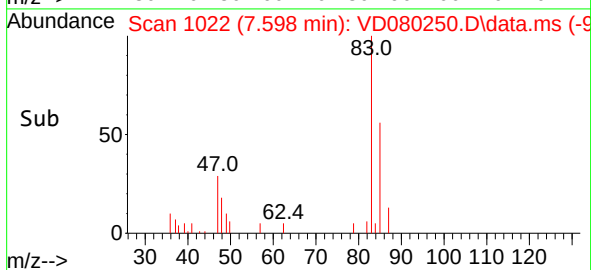
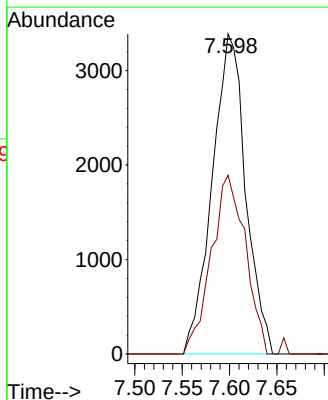
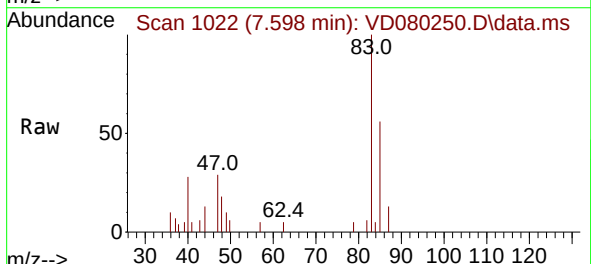
RT: 7.598 min Scan# 1022

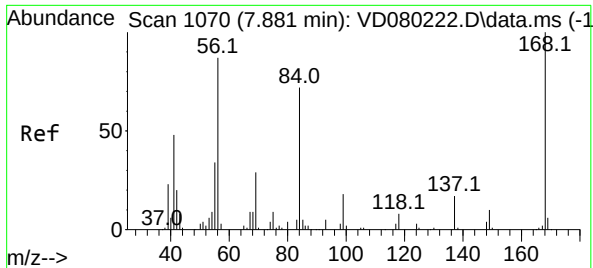
Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

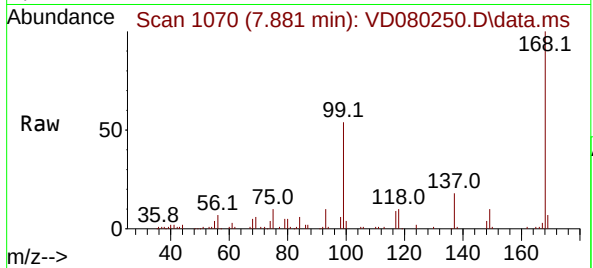
Tgt Ion:	83	Resp:	8323
Ion Ratio	Lower	Upper	
83	100		
85	55.8	53.7	80.5





#31
Cyclohexane
Concen: 3.430 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

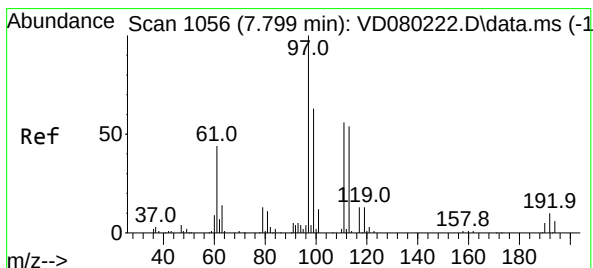
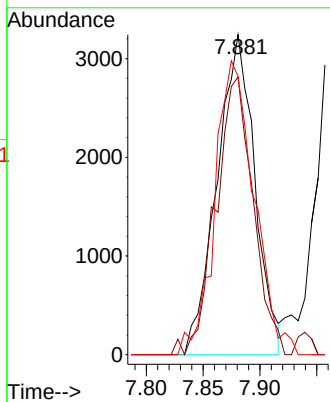
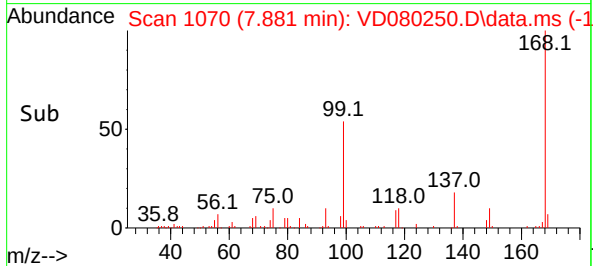
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 56 Resp: 749
Ion Ratio Lower Upper
56 100
69 81.9 27.0 40.4
84 86.9 66.3 99.5

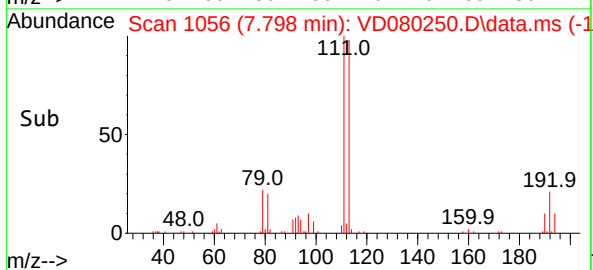
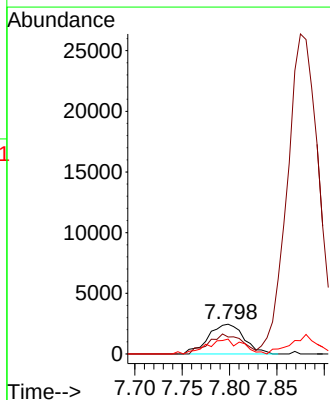
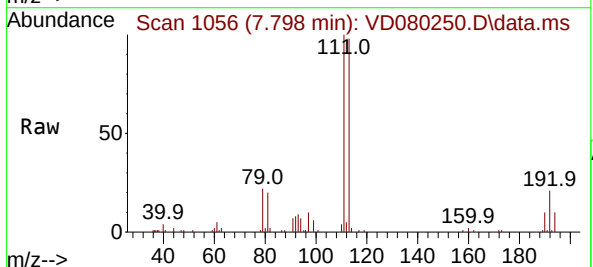
Manual Integrations
APPROVED

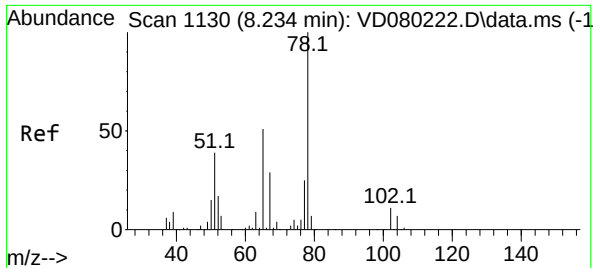
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#32
1,1,1-Trichloroethane
Concen: 2.752 ug/l
RT: 7.798 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion: 97 Resp: 6427
Ion Ratio Lower Upper
97 100
99 63.2 51.3 76.9
61 49.9 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 51.927 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 65 Resp: 7661

Ion Ratio Lower Upper

65 100

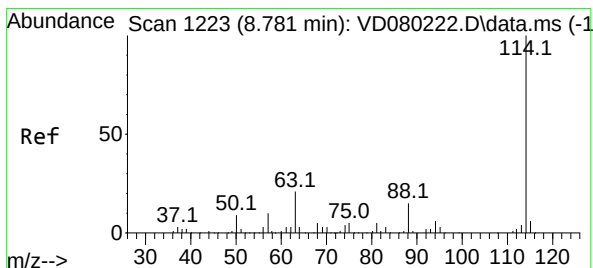
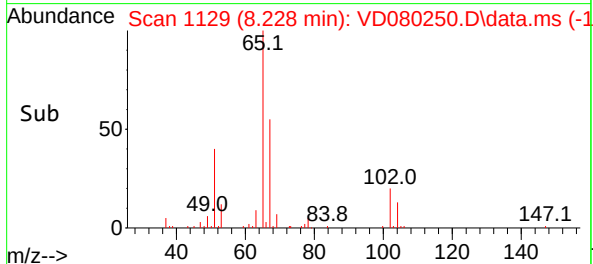
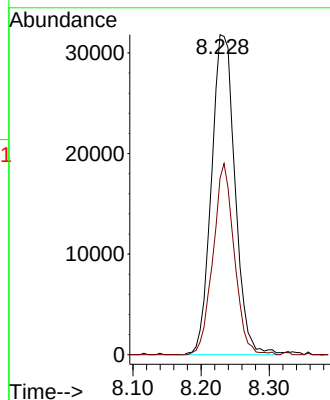
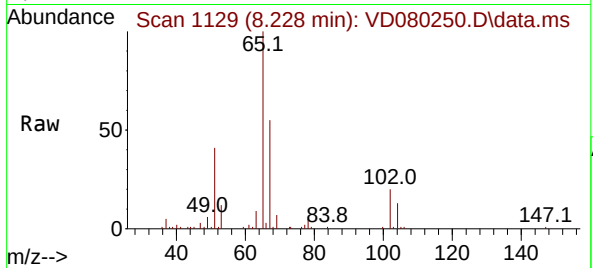
67 53.7 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

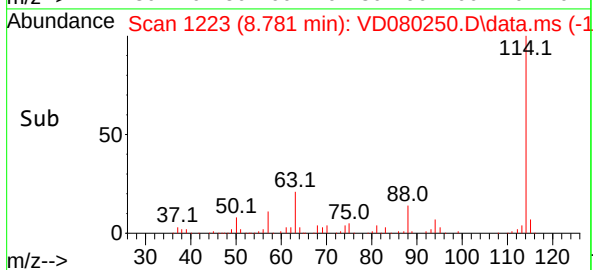
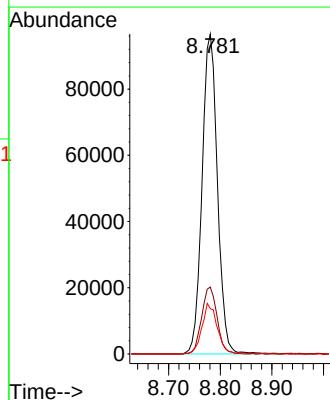
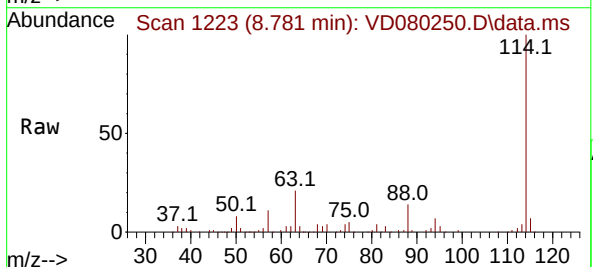
Tgt Ion:114 Resp: 199306

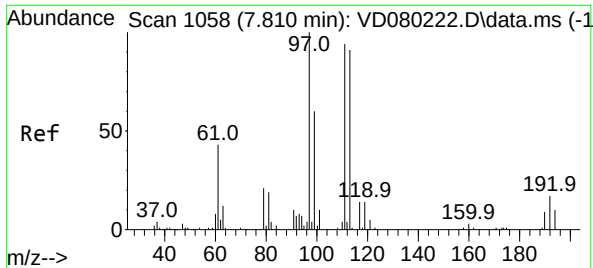
Ion Ratio Lower Upper

114 100

63 20.9 0.0 41.8

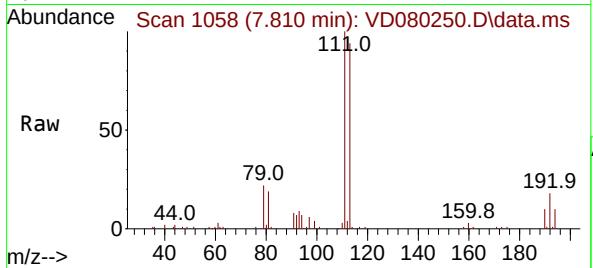
88 14.2 0.0 30.4





#35
Dibromofluoromethane
Concen: 49.237 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

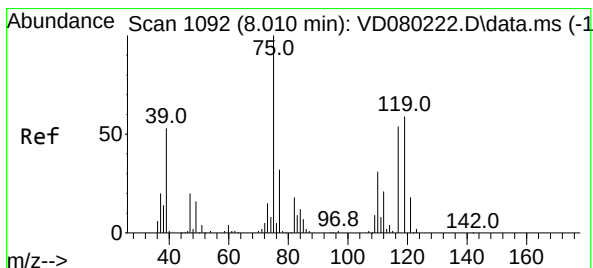
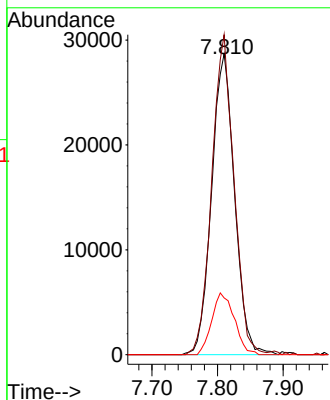
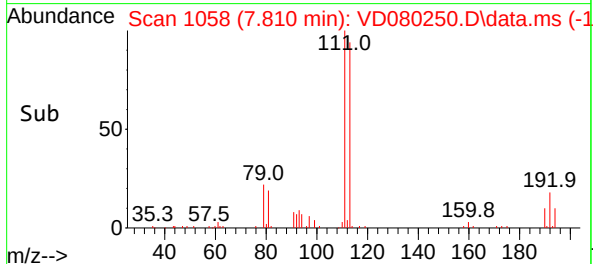
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



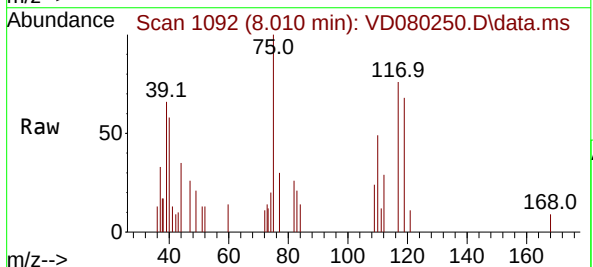
Tgt Ion: 113 Resp: 69550
Ion Ratio Lower Upper
113 100
111 102.7 85.0 127.4
192 20.2 15.5 23.3

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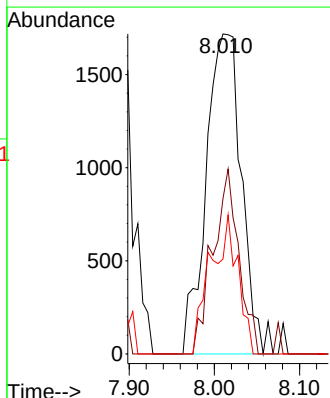
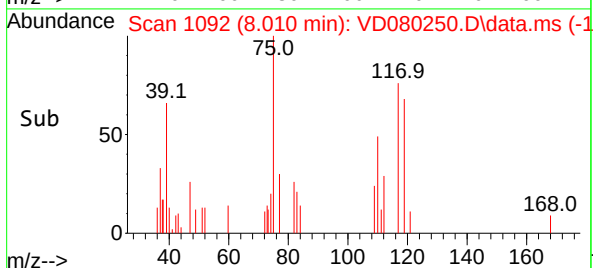
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

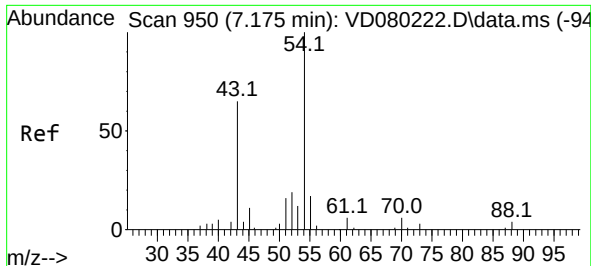


#36
1,1-Dichloropropene
Concen: 2.459 ug/l
RT: 8.010 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion: 75 Resp: 4976
Ion Ratio Lower Upper
75 100
110 42.2 17.1 51.2
77 33.5 25.6 38.4





#37

Ethyl Acetate

Concen: 2.983 ug/l

RT: 7.181 min Scan# 951

Delta R.T. 0.006 min

Lab File: VD080250.D

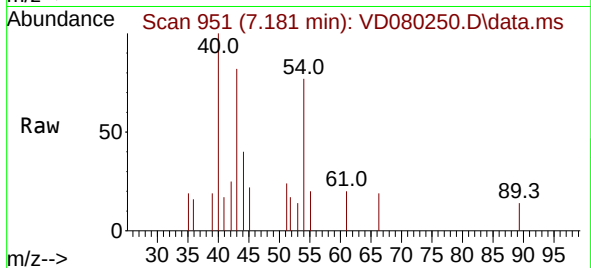
Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

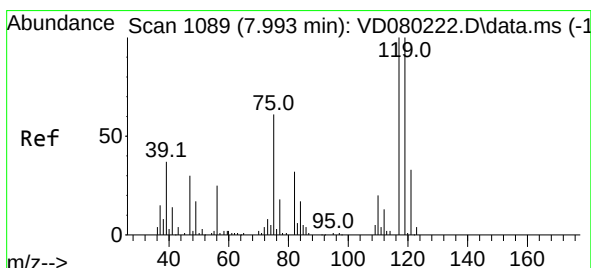
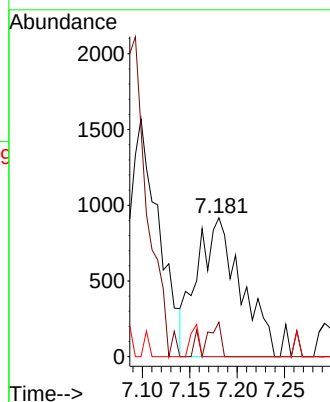
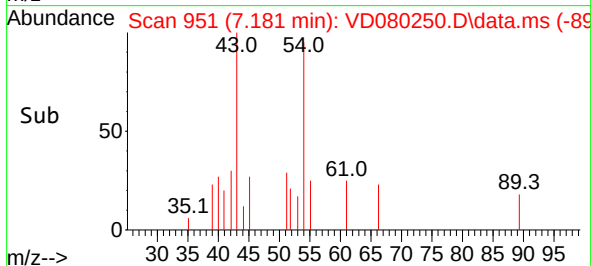


Tgt Ion: 43	Resp: 295
Ion Ratio	Lower Upper
43	100
61	6.6 11.4 17.0
70	0.0 8.2 12.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#38

Carbon Tetrachloride

Concen: 2.417 ug/l

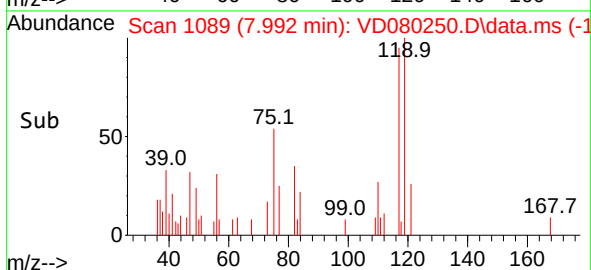
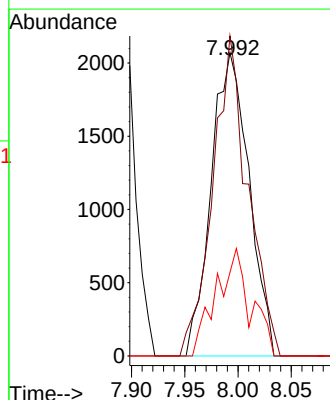
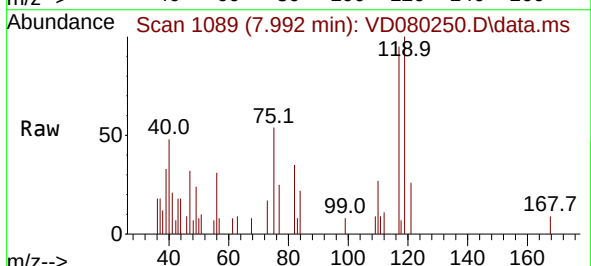
RT: 7.992 min Scan# 1089

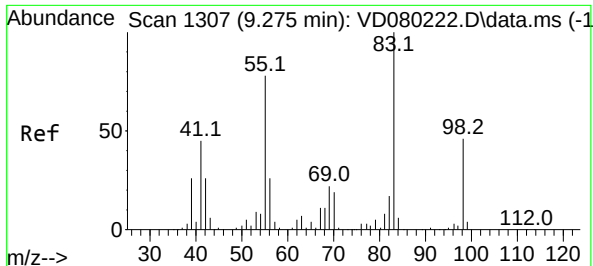
Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion: 117	Resp: 5107
Ion Ratio	Lower Upper
117	100
119	105.5 79.8 119.6
121	27.5 26.6 39.8





#39

Methylcyclohexane

Concen: 2.229 ug/l

RT: 9.281 min Scan# 11308

Delta R.T. 0.006 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

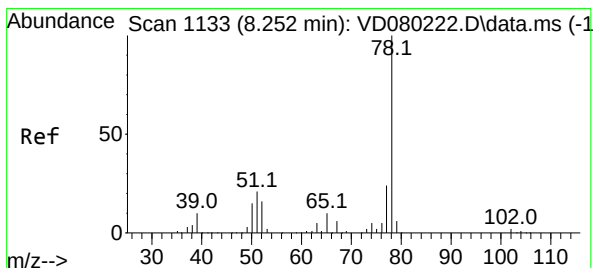
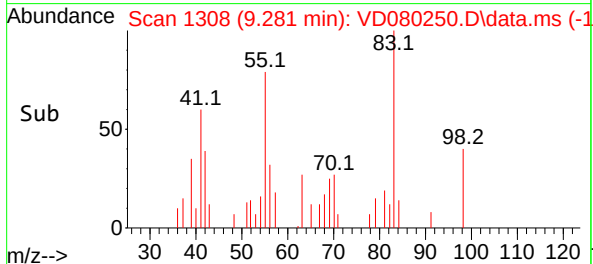
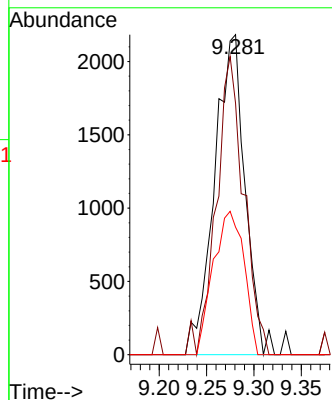
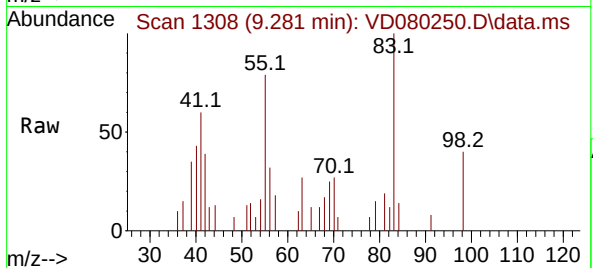
Tgt Ion: 83 Resp: 4900

Ion	Ratio	Lower	Upper
83	100		
55	78.6	62.5	93.7
98	39.9	37.1	55.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#40

Benzene

Concen: 2.354 ug/l

RT: 8.251 min Scan# 1133

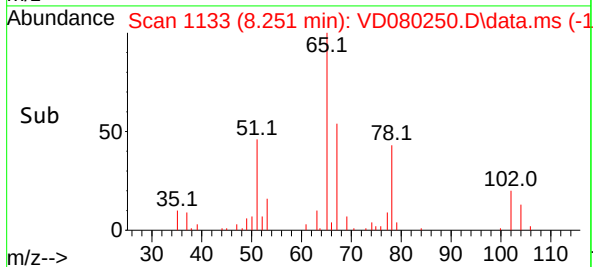
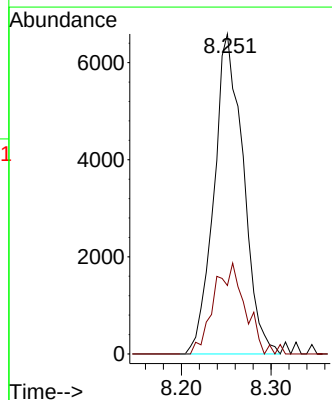
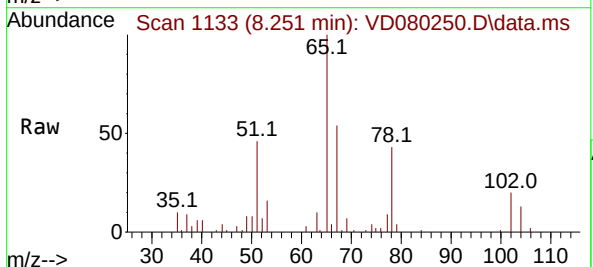
Delta R.T. -0.000 min

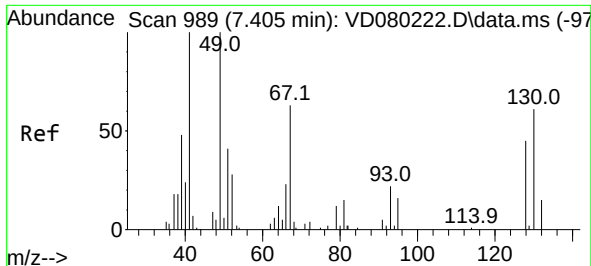
Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion: 78 Resp: 14928

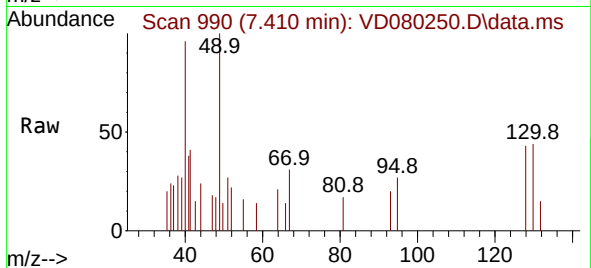
Ion	Ratio	Lower	Upper
78	100		
77	21.4	19.2	28.8





#41
Methacrylonitrile
Concen: 2.998 ug/l
RT: 7.410 min Scan# 990
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

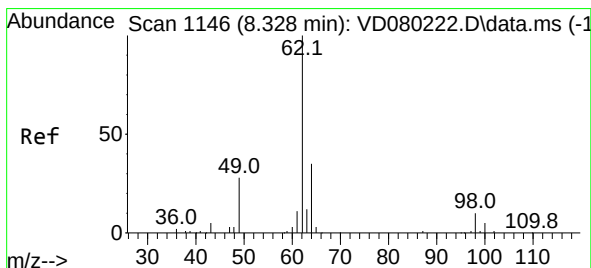
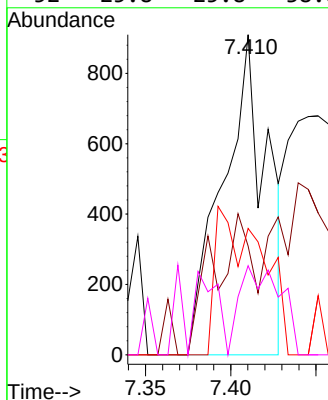
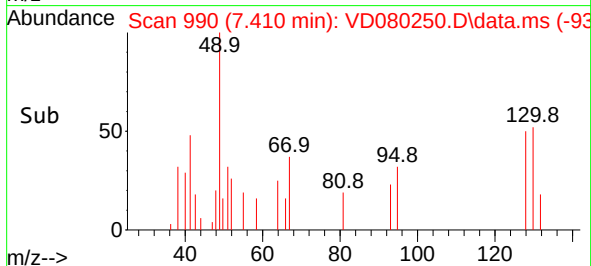
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 41 Resp: 163
Ion Ratio Lower Upper
41 100
39 24.1 44.7 67.1
67 0.0 55.0 82.4
52 25.8 25.8 38.8

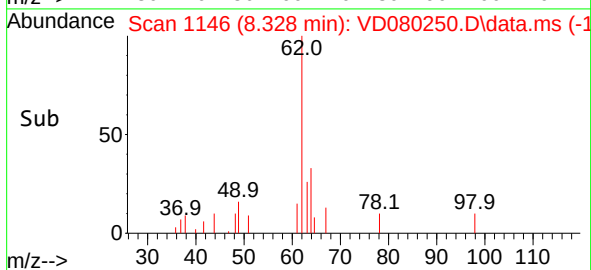
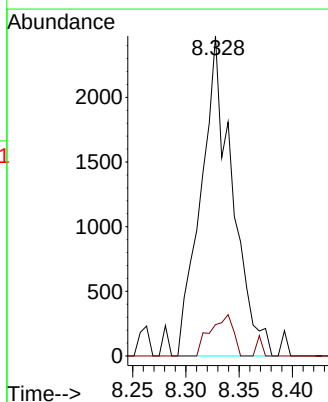
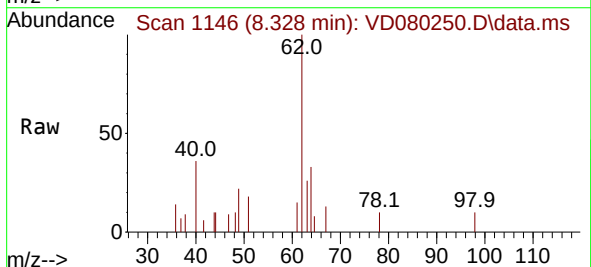
Manual Integrations
APPROVED

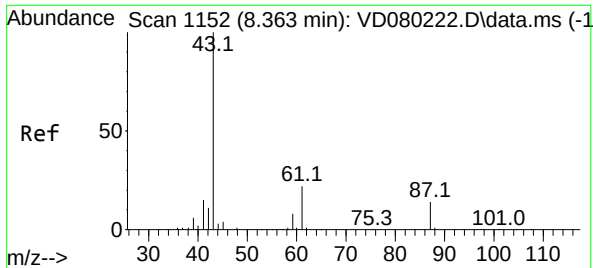
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#42
1,2-Dichloroethane
Concen: 2.799 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

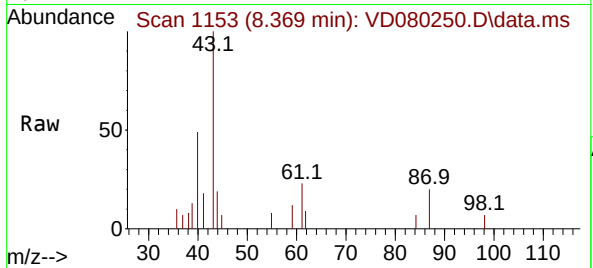
Tgt Ion: 62 Resp: 5051
Ion Ratio Lower Upper
62 100
98 9.5 0.0 18.4





#43
Isopropyl Acetate
Concen: 2.404 ug/l
RT: 8.369 min Scan# 1153
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

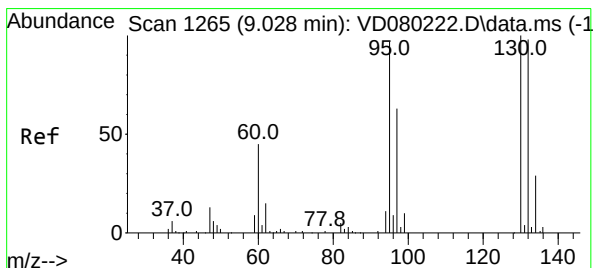
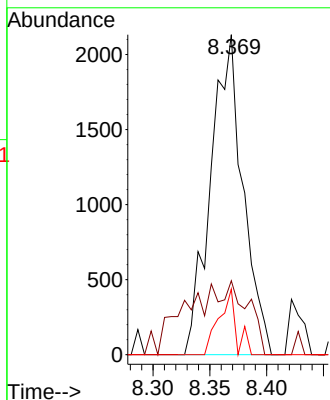
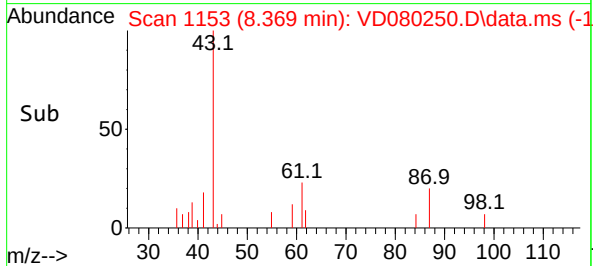
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



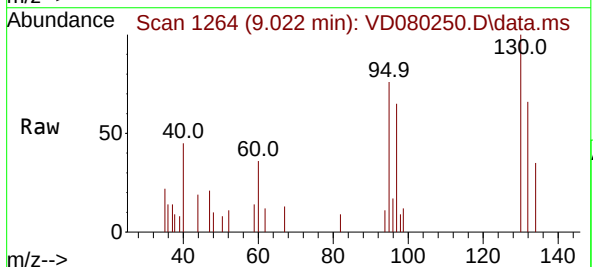
Tgt Ion: 43 Resp: 423
Ion Ratio Lower Upper
43 100
61 0.0 25.0 37.4
87 10.9 10.7 16.1

Manual Integrations
APPROVED

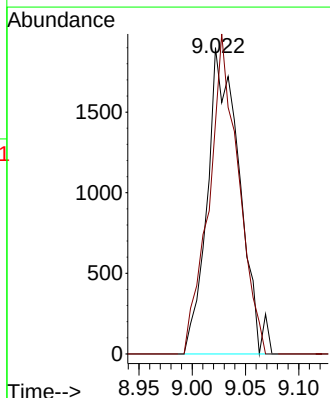
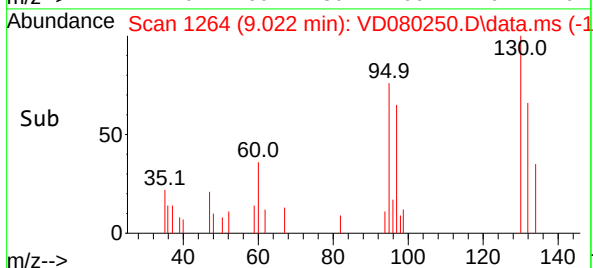
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

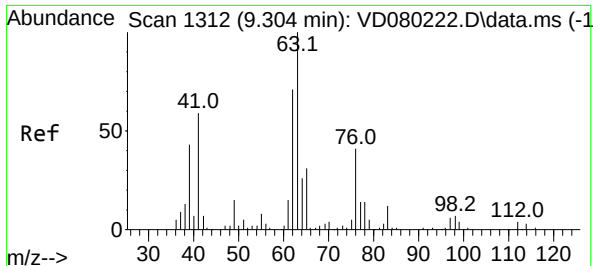


#44
Trichloroethene
Concen: 2.710 ug/l
RT: 9.022 min Scan# 1264
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion:130 Resp: 3970
Ion Ratio Lower Upper
130 100
95 75.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 2.994 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

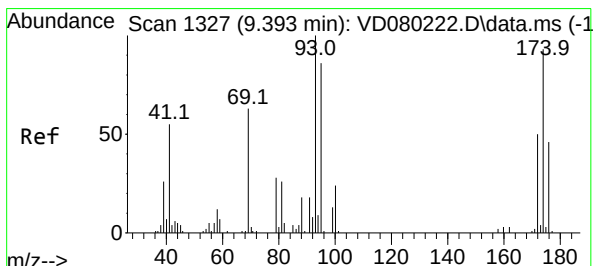
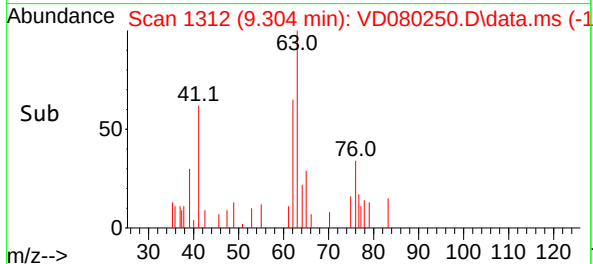
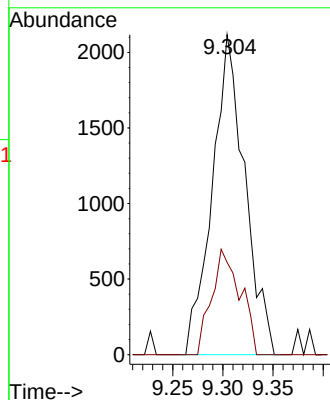
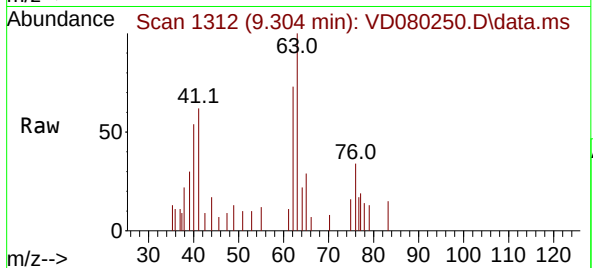
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 63 Resp: 4775
 Ion Ratio Lower Upper
 63 100
 65 28.8 24.6 36.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#46

Dibromomethane

Concen: 3.022 ug/l

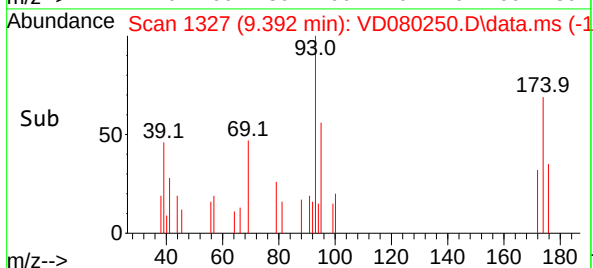
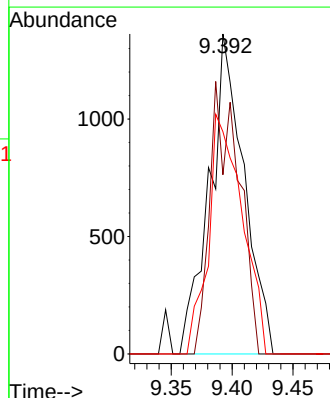
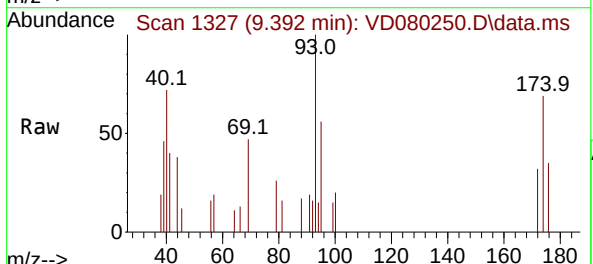
RT: 9.392 min Scan# 1327

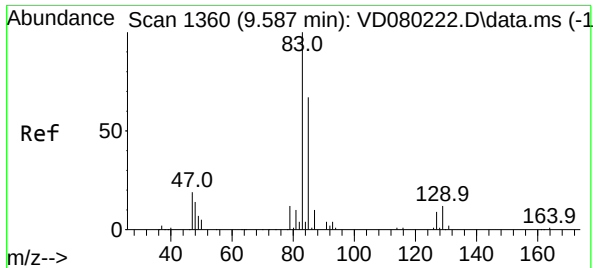
Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion: 93 Resp: 2686
 Ion Ratio Lower Upper
 93 100
 95 71.8 66.8 100.2
 174 73.7 76.8 115.2#





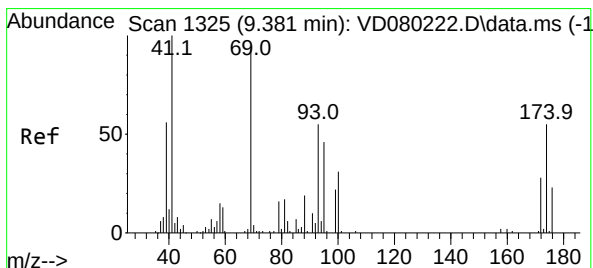
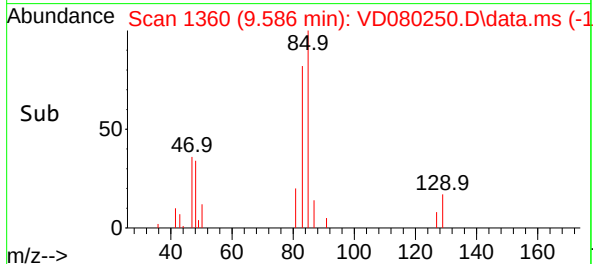
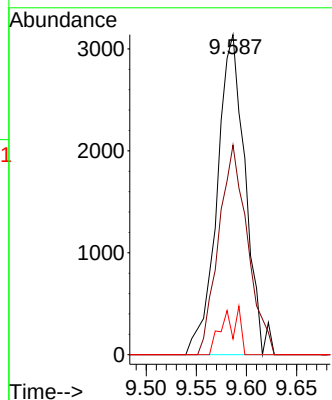
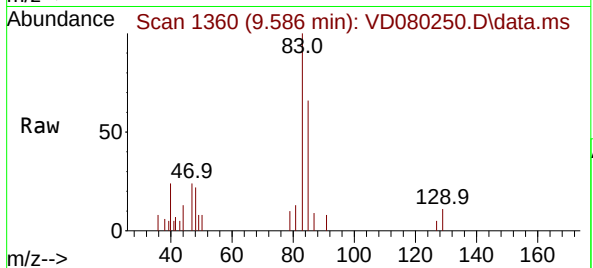
#47
Bromodichloromethane
Concen: 2.739 ug/l
RT: 9.586 min Scan# 1360
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 83 Resp: 6139
Ion Ratio Lower Upper
83 100
85 65.5 53.6 80.4
127 5.0 7.4 11.2

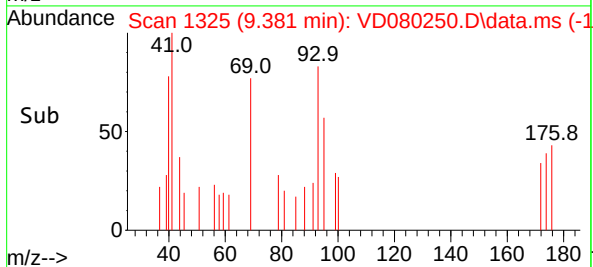
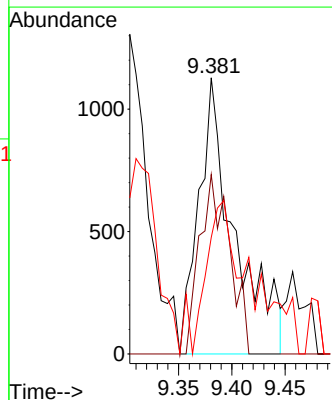
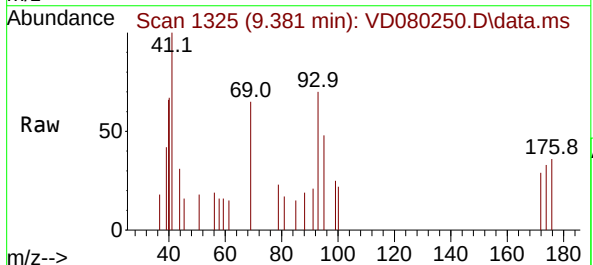
Manual Integrations
APPROVED

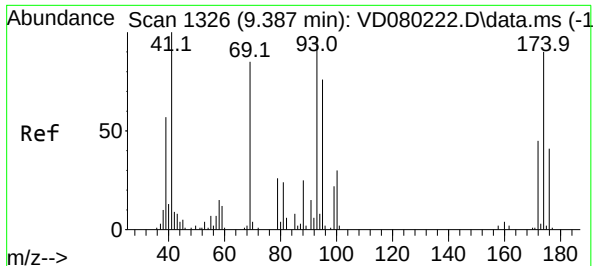
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#48
Methyl methacrylate
Concen: 3.261 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion: 41 Resp: 2657
Ion Ratio Lower Upper
41 100
69 53.7 73.7 110.5#
39 71.6 49.4 74.2





#49

1,4-Dioxane

Concen: 39.203 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.011 min

Lab File: VD080250.D

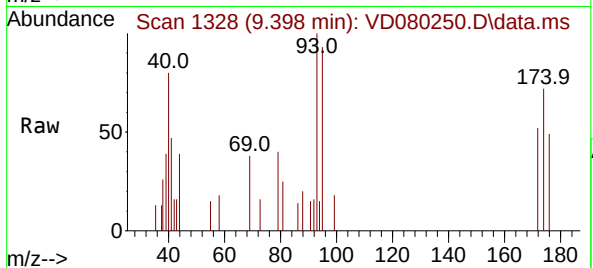
Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 88 Resp: 379

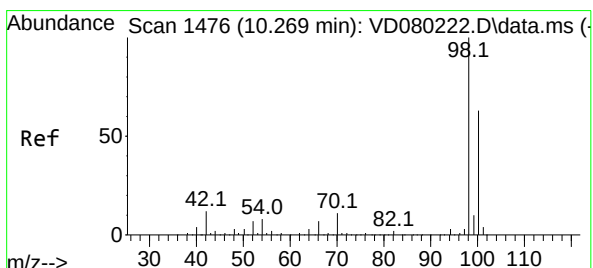
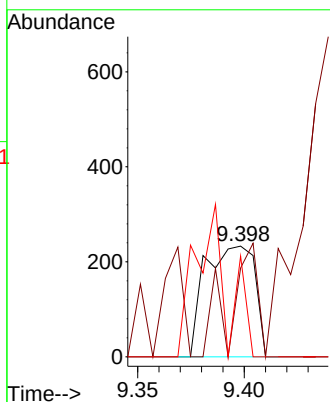
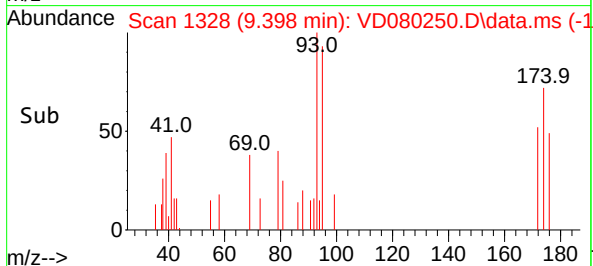
Ion	Ratio	Lower	Upper
88	100		
43	57.0	28.5	42.7
58	87.9	56.3	84.5

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#50

Toluene-d8

Concen: 46.062 ug/l

RT: 10.269 min Scan# 1476

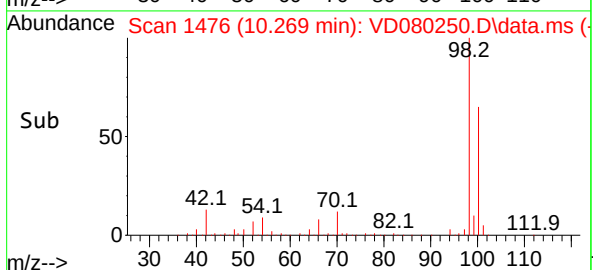
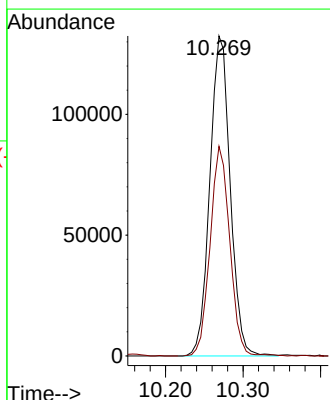
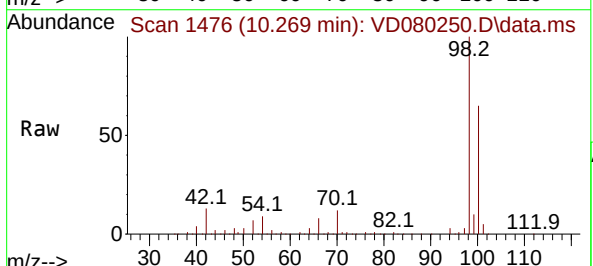
Delta R.T. -0.000 min

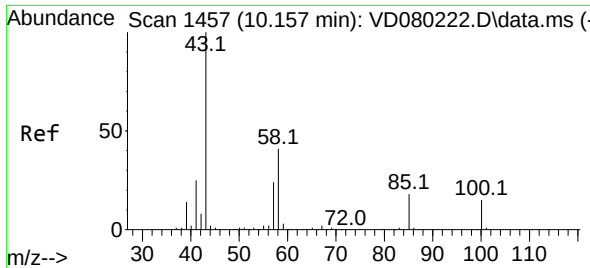
Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion: 98 Resp: 241289

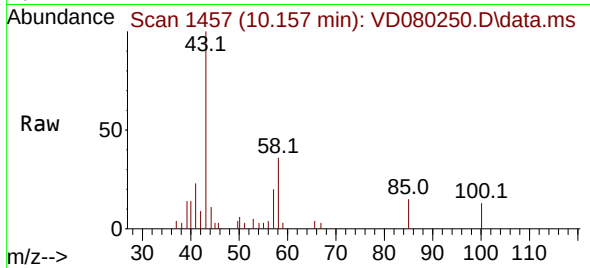
Ion	Ratio	Lower	Upper
98	100		
100	63.2	50.2	75.4





#51
4-Methyl-2-Pentanone
Concen: 10.904 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

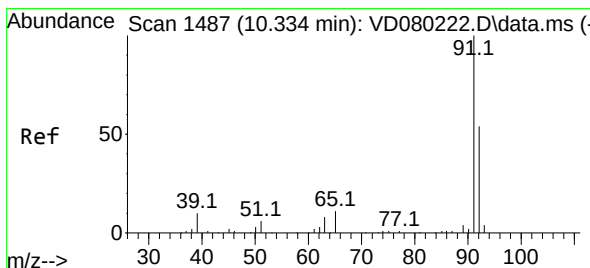
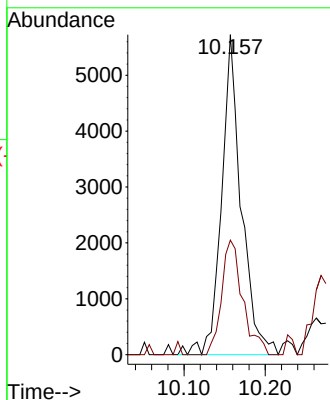
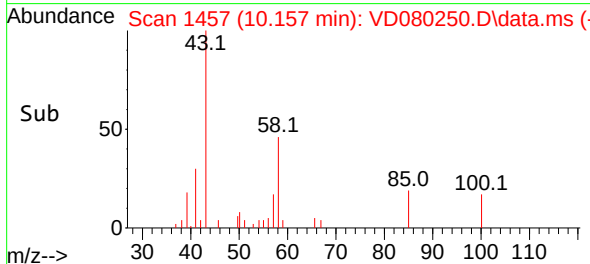
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



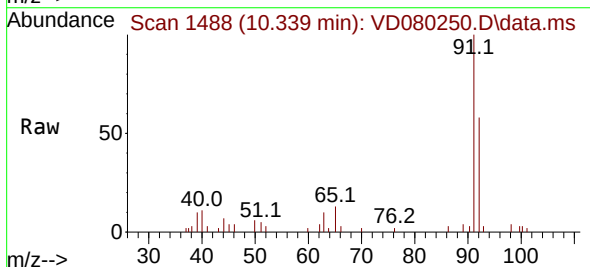
Tgt Ion: 43 Resp: 9708
Ion Ratio Lower Upper
43 100
58 38.2 31.1 46.7

Manual Integrations
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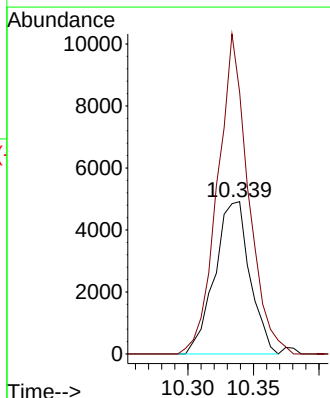
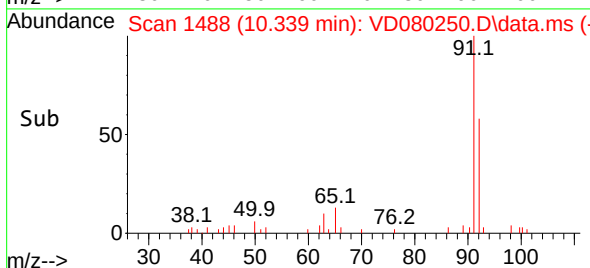
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

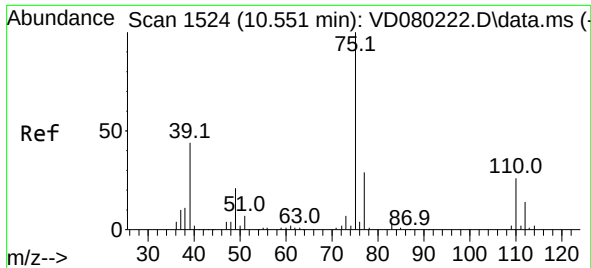


#52
Toluene
Concen: 2.461 ug/l
RT: 10.339 min Scan# 1488
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



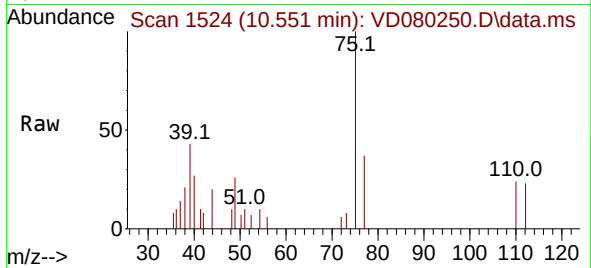
Tgt Ion: 92 Resp: 9130
Ion Ratio Lower Upper
92 100
91 185.0 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 2.518 ug/l
RT: 10.551 min Scan# 110
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

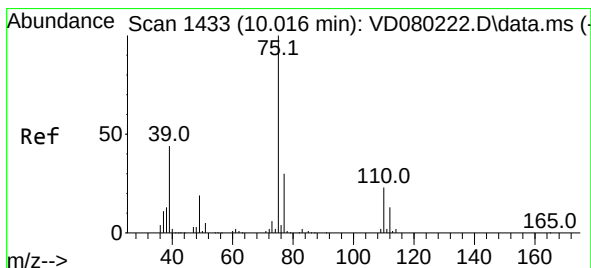
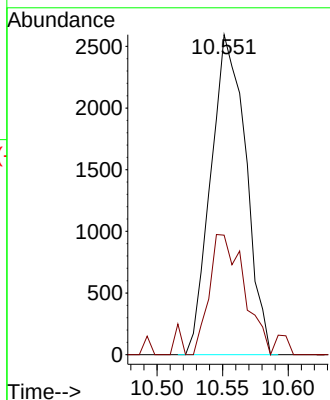
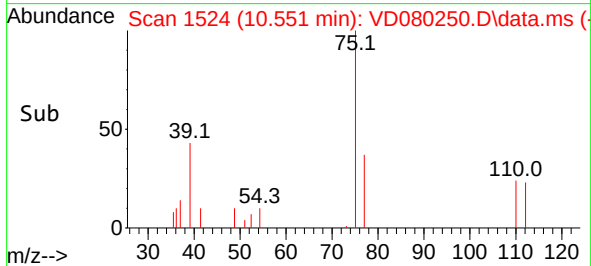
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



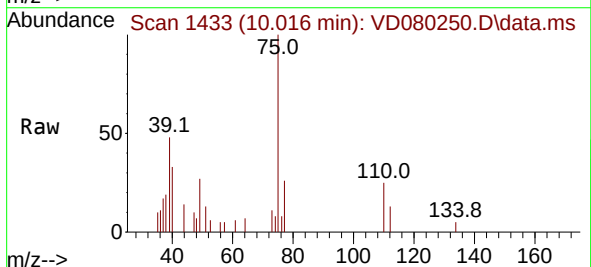
Tgt Ion: 75 Resp: 481
Ion Ratio Lower Upper
75 100
77 31.3 23.0 34.4

Manual Integrations
APPROVED

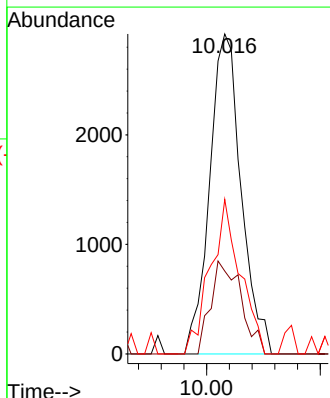
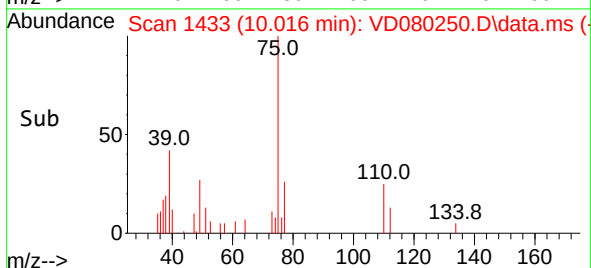
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

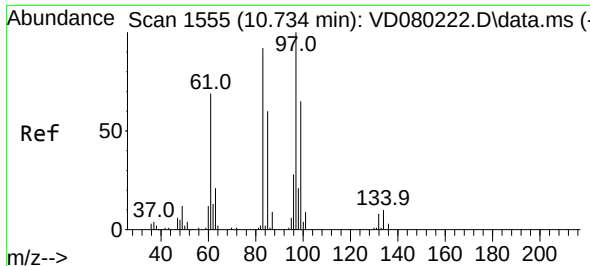


#54
cis-1,3-Dichloropropene
Concen: 2.428 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



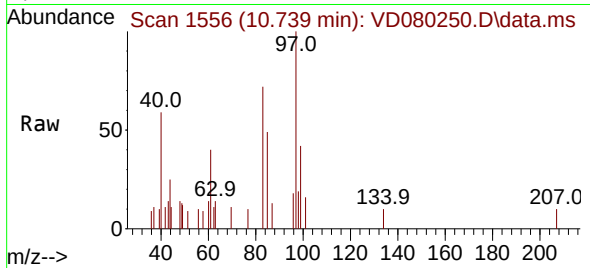
Tgt Ion: 75 Resp: 5642
Ion Ratio Lower Upper
75 100
77 25.9 24.1 36.1
39 48.3 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 2.688 ug/l
RT: 10.739 min Scan# 1555
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

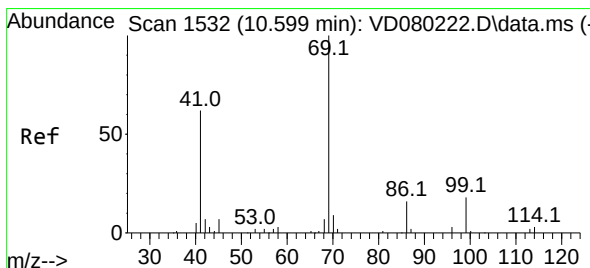
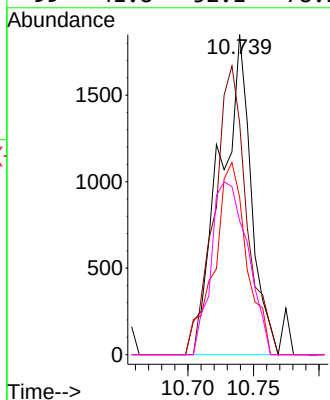
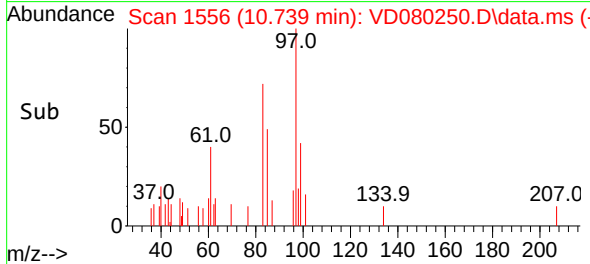
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



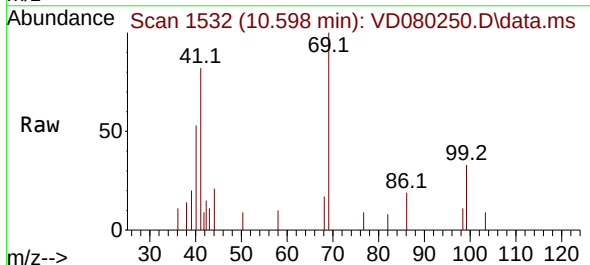
Tgt Ion	Ratio	Lower	Upper
97	100		
83	72.4	73.9	110.9
85	49.1	48.2	72.2
99	41.8	52.1	78.1

Manual Integrations
APPROVED

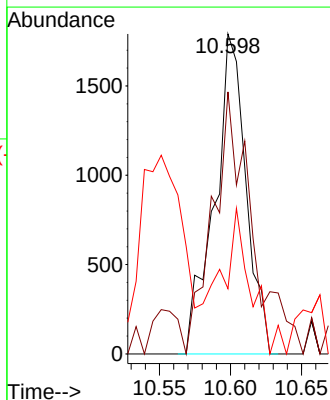
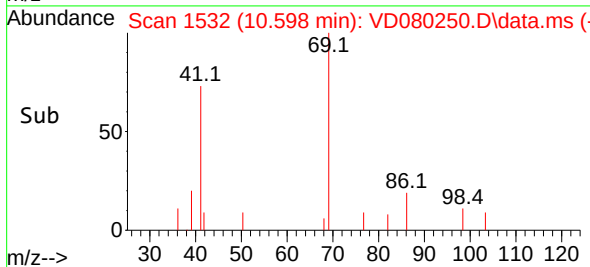
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

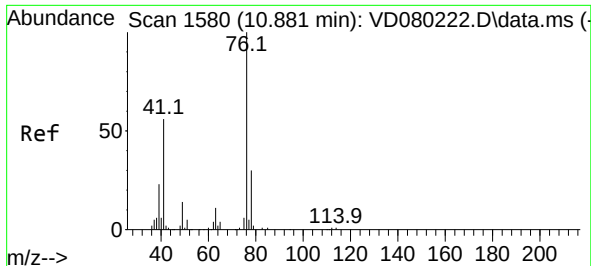


#56
Ethyl methacrylate
Concen: 2.098 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion	Ratio	Lower	Upper
69	100		
41	101.3	51.8	77.6
39	42.4	28.7	43.1





#57

1,3-Dichloropropane

Concen: 2.487 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 76 Resp: 4749

Ion Ratio Lower Upper

76 100

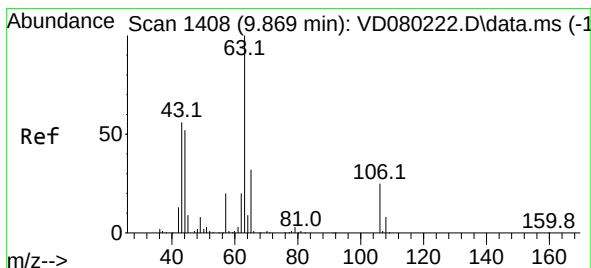
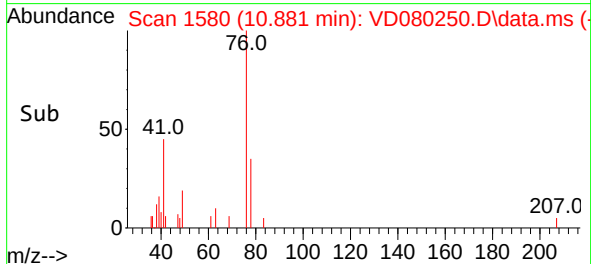
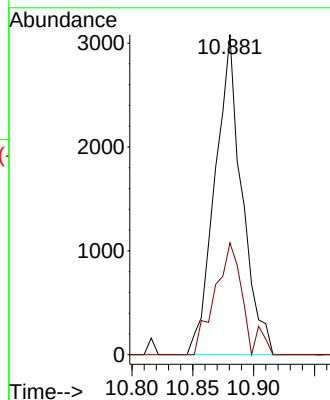
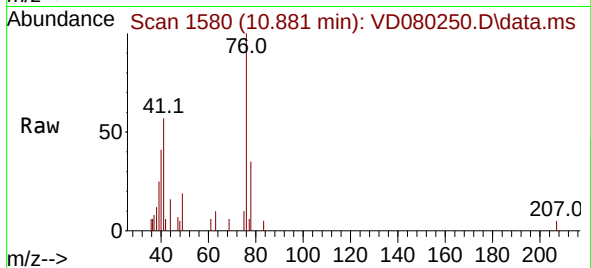
78 36.5 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#58

2-Chloroethyl Vinyl ether

Concen: 10.837 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD080250.D

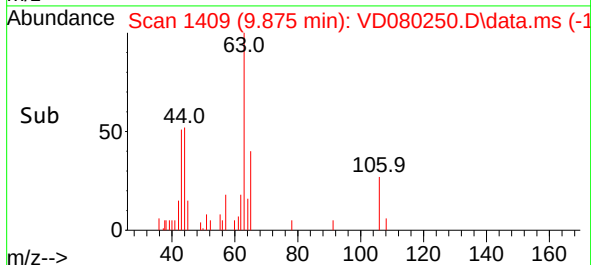
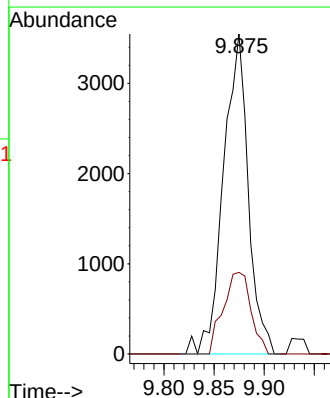
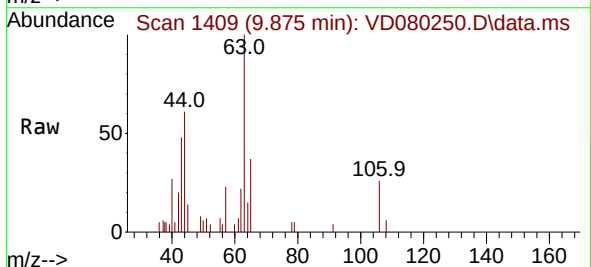
Acq: 06 Feb 2025 15:02

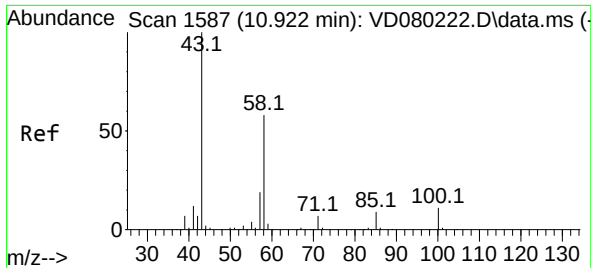
Tgt Ion: 63 Resp: 6094

Ion Ratio Lower Upper

63 100

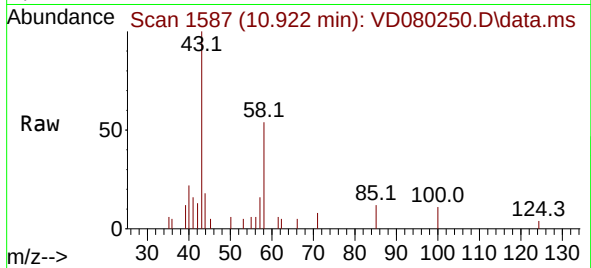
106 28.5 20.6 30.8





#59
2-Hexanone
Concen: 10.311 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

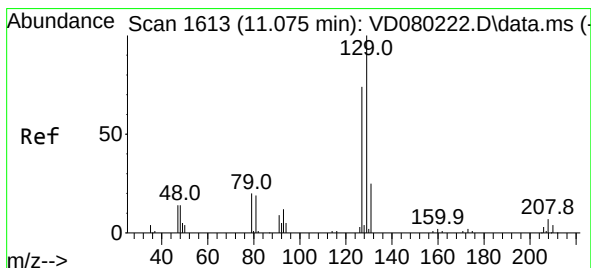
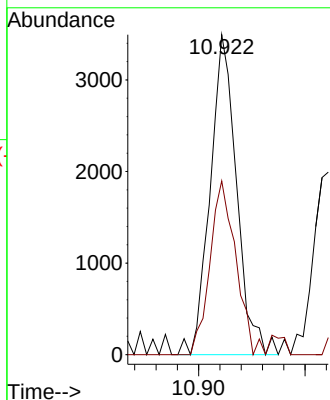
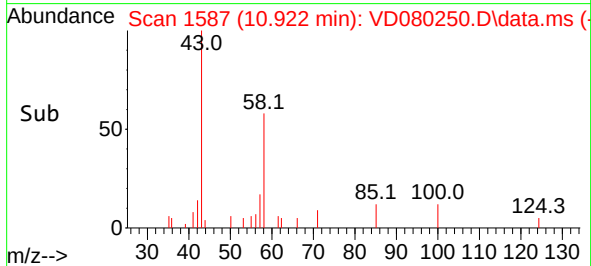
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 43 Resp: 6024
Ion Ratio Lower Upper
43 100
58 53.2 27.4 82.2

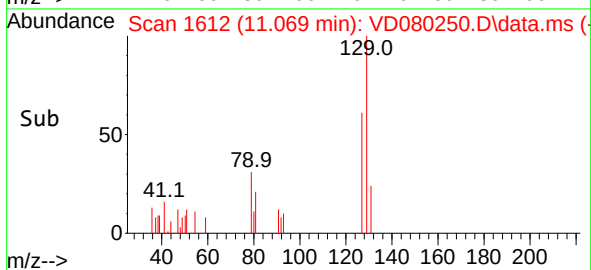
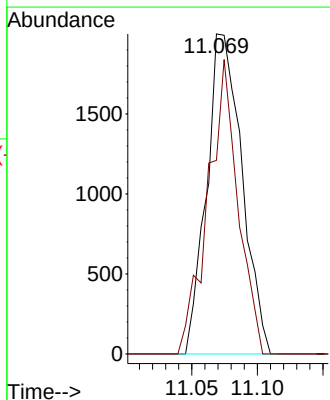
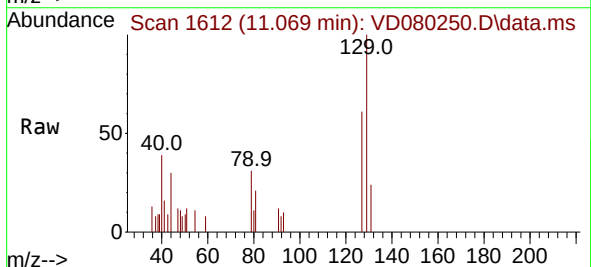
Manual Integrations
APPROVED

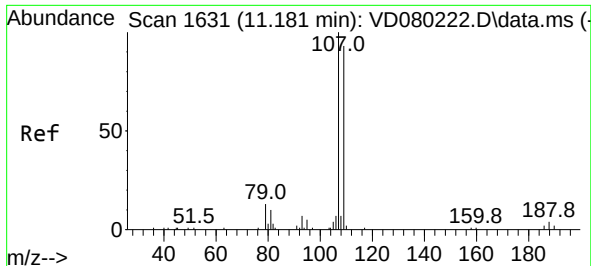
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#60
Dibromochloromethane
Concen: 2.631 ug/l
RT: 11.069 min Scan# 1612
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

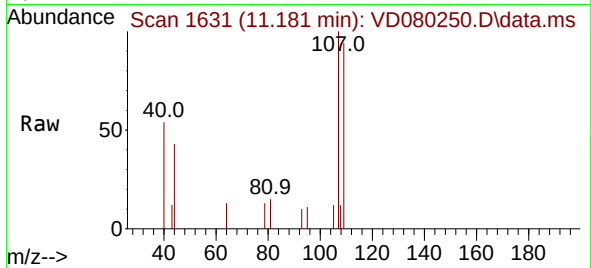
Tgt Ion:129 Resp: 3745
Ion Ratio Lower Upper
129 100
127 78.4 38.1 114.5





#61
1,2-Dibromoethane
Concen: 2.387 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

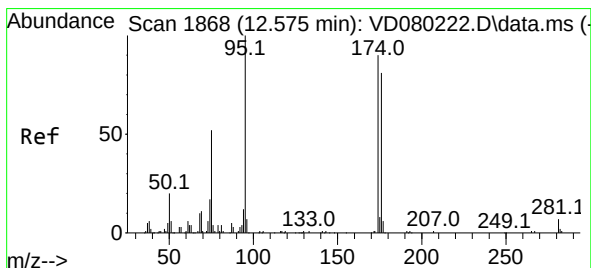
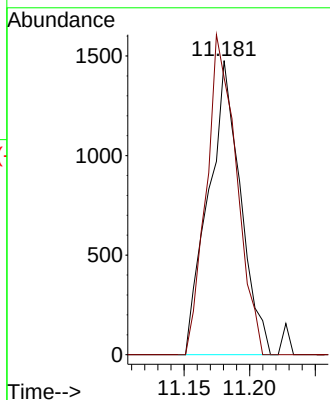
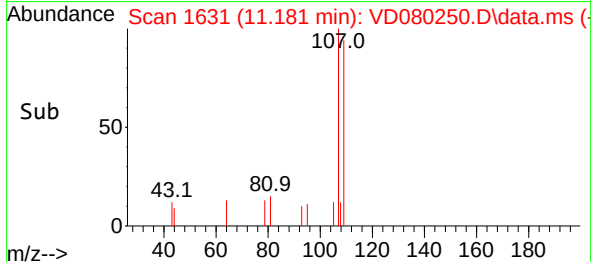
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



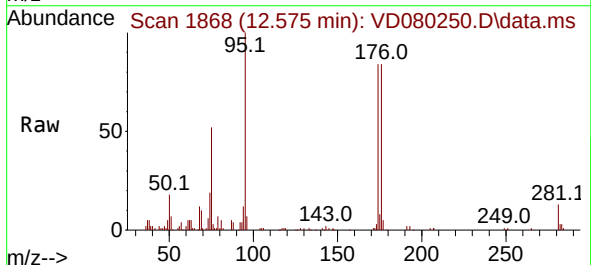
Tgt Ion:107 Resp: 2510
Ion Ratio Lower Upper
107 100
109 102.2 75.1 112.7

Manual Integrations
APPROVED

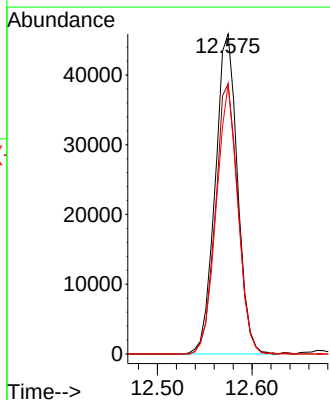
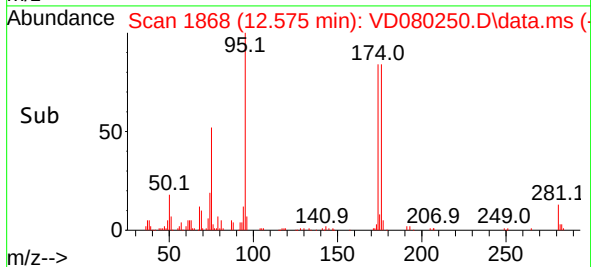
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

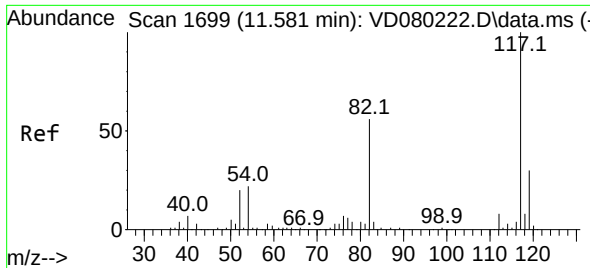


#62
4-Bromofluorobenzene
Concen: 44.704 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



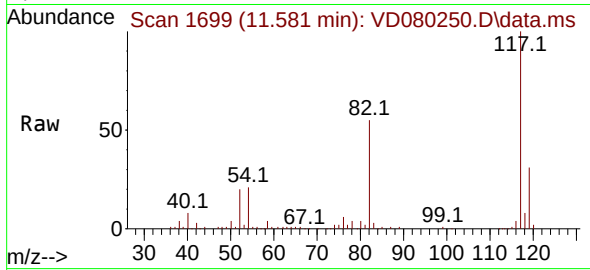
Tgt Ion: 95 Resp: 75137
Ion Ratio Lower Upper
95 100
174 85.3 0.0 171.8
176 81.4 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

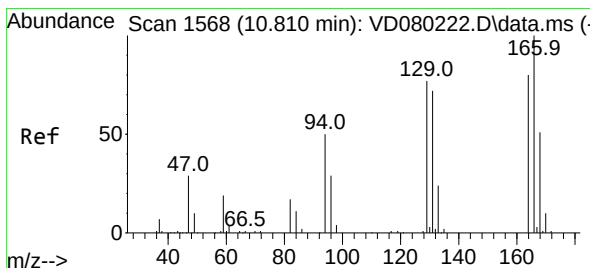
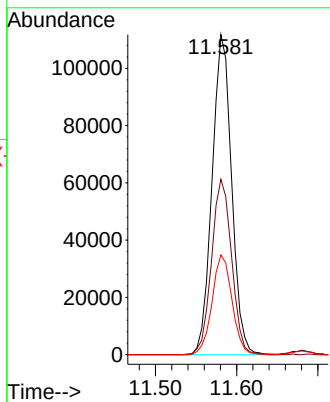
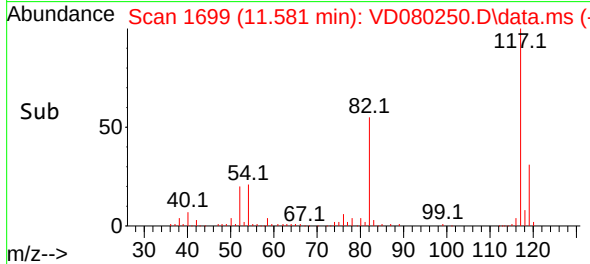
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:117 Resp: 186970
Ion Ratio Lower Upper
117 100
82 54.8 45.0 67.6
119 31.2 24.3 36.5

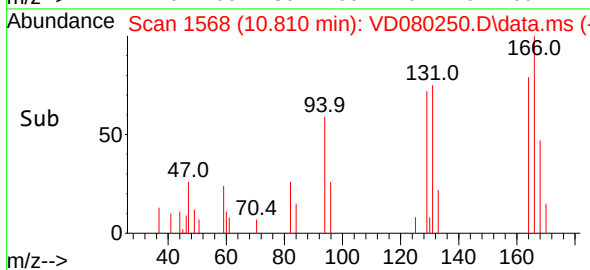
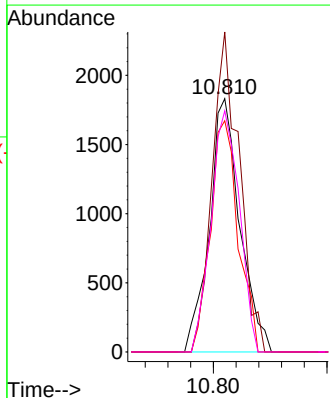
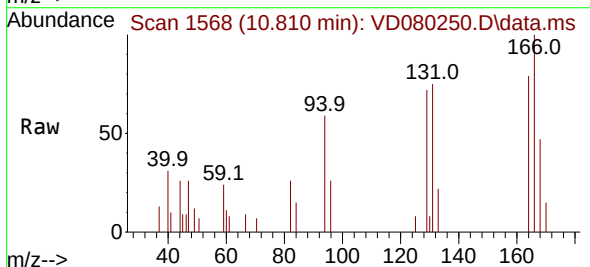
Manual Integrations
APPROVED

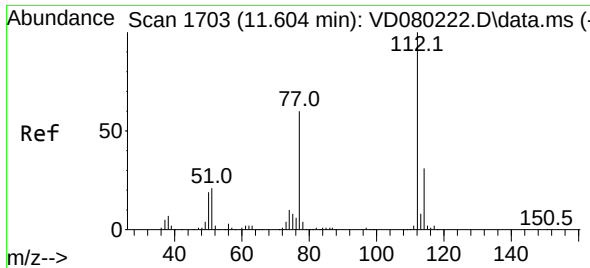
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#64
Tetrachloroethene
Concen: 2.619 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

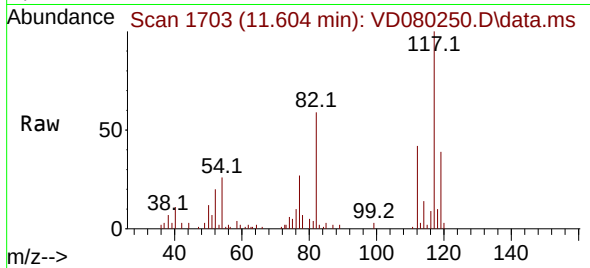
Tgt Ion:164 Resp: 3421
Ion Ratio Lower Upper
164 100
166 126.3 99.4 149.2
129 91.3 76.3 114.5
131 95.2 71.8 107.6





#65
Chlorobenzene
Concen: 2.522 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

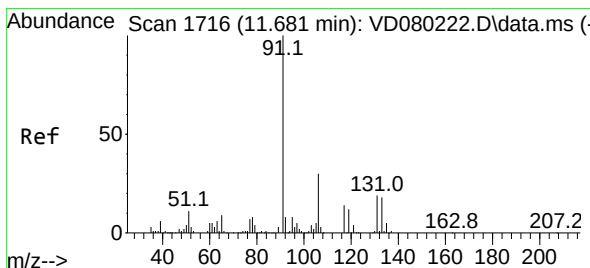
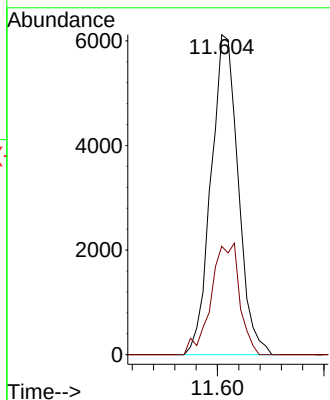
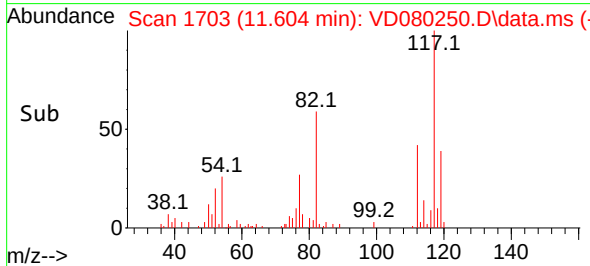
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



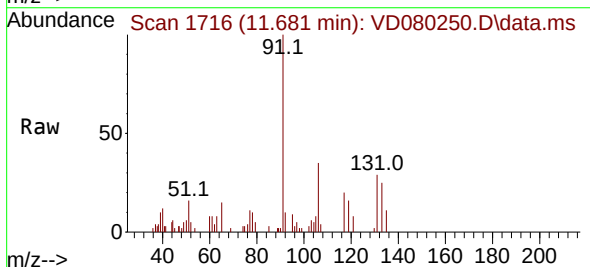
Tgt Ion:112 Resp: 10809
Ion Ratio Lower Upper
112 100
114 33.8 24.5 36.7

Manual Integrations
APPROVED

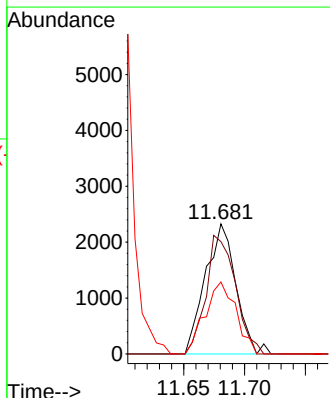
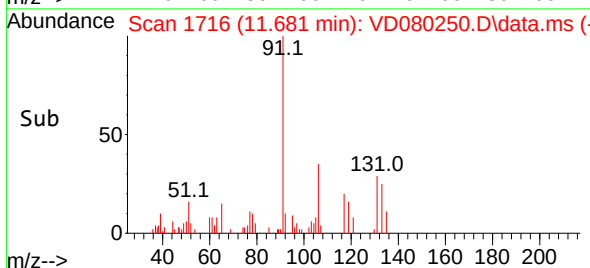
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

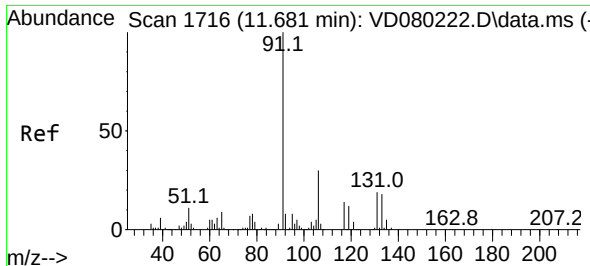


#66
1,1,1,2-Tetrachloroethane
Concen: 2.707 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion:131 Resp: 4059
Ion Ratio Lower Upper
131 100
133 88.1 45.9 137.7
119 56.1 33.9 101.6





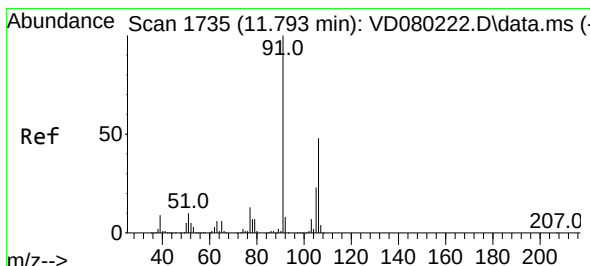
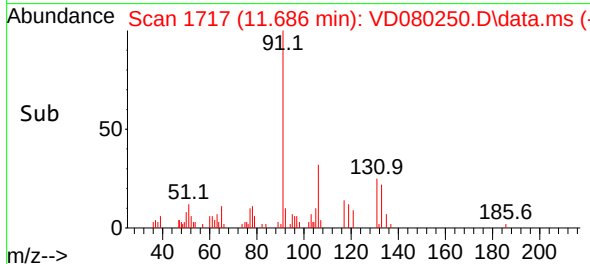
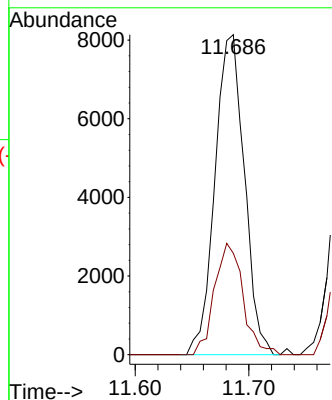
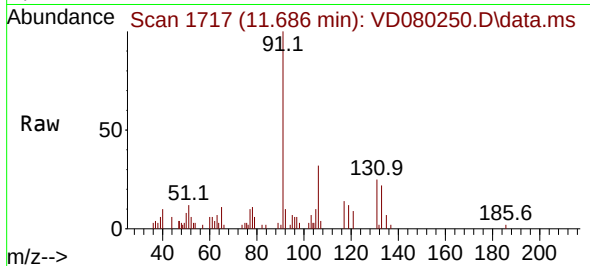
#67
Ethyl Benzene
Concen: 2.052 ug/l
RT: 11.686 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 91 Resp: 14630
Ion Ratio Lower Upper
91 100
106 31.7 23.9 35.9

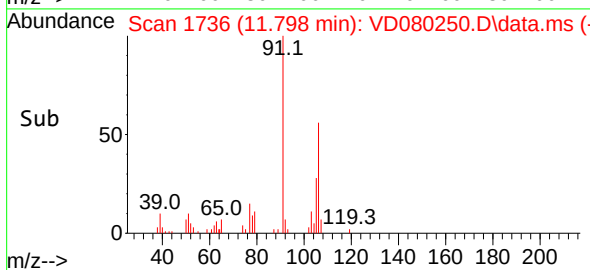
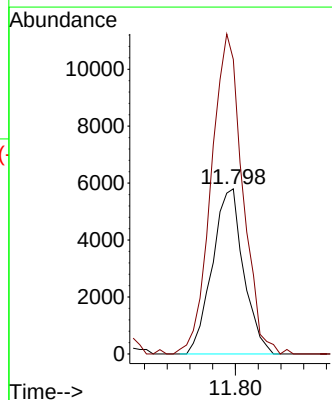
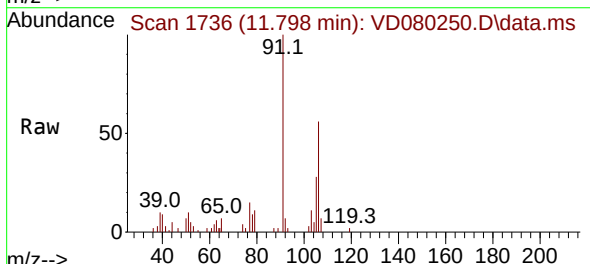
Manual Integrations
APPROVED

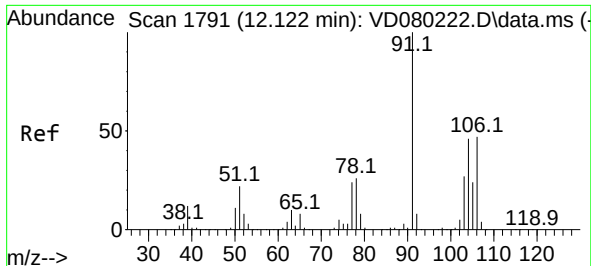
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#68
m/p-Xylenes
Concen: 4.001 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion:106 Resp: 11073
Ion Ratio Lower Upper
106 100
91 195.5 165.8 248.8





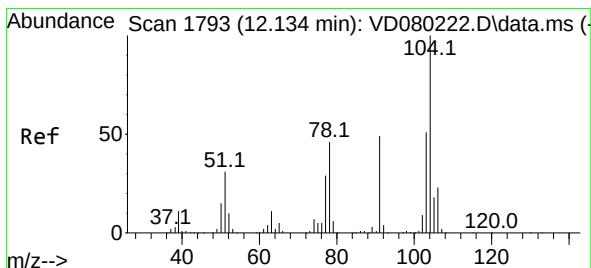
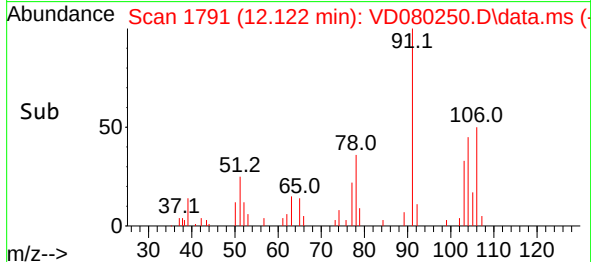
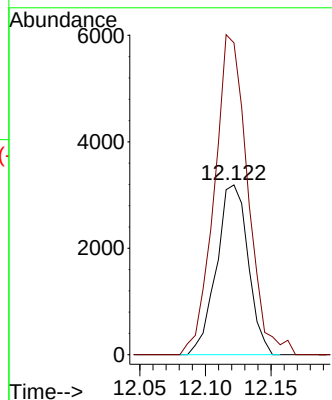
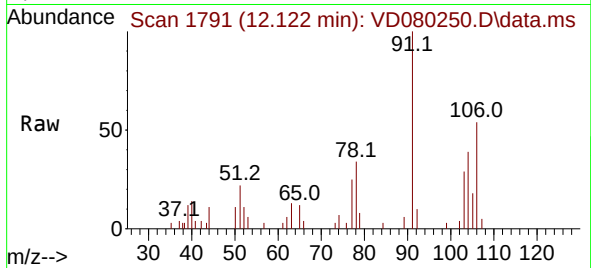
#69
o-Xylene
Concen: 2.117 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:106 Resp: 534
Ion Ratio Lower Upper
106 100
91 199.3 107.7 323.3

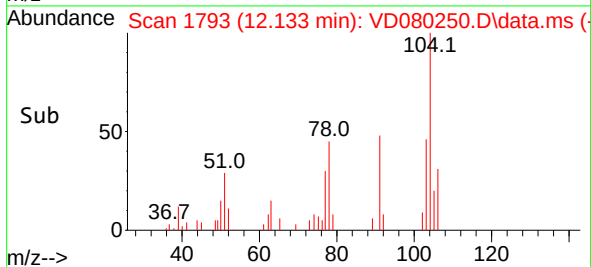
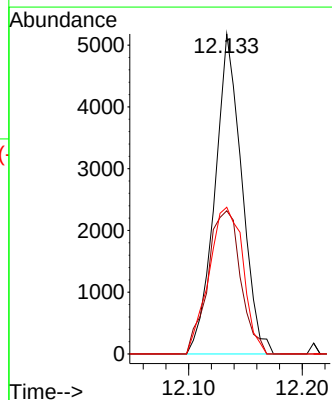
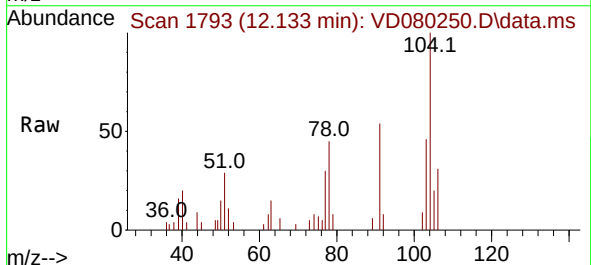
Manual Integrations
APPROVED

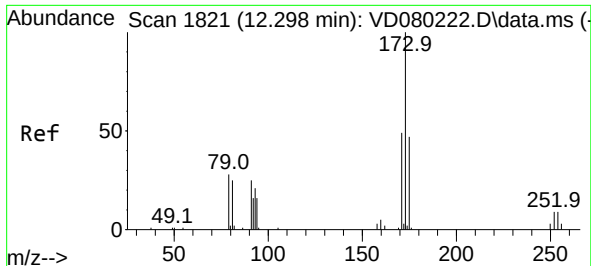
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#70
Styrene
Concen: 1.897 ug/l
RT: 12.133 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

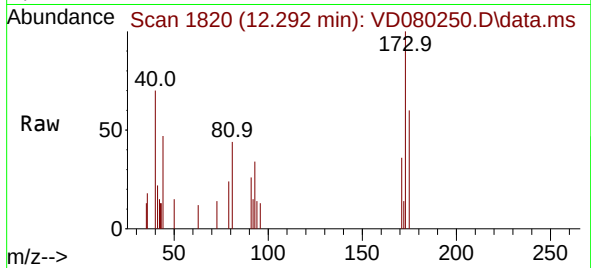
Tgt Ion:104 Resp: 8523
Ion Ratio Lower Upper
104 100
78 54.6 40.7 61.1
103 58.1 45.0 67.4





#71
Bromoform
Concen: 2.508 ug/l
RT: 12.292 min Scan# 1821
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

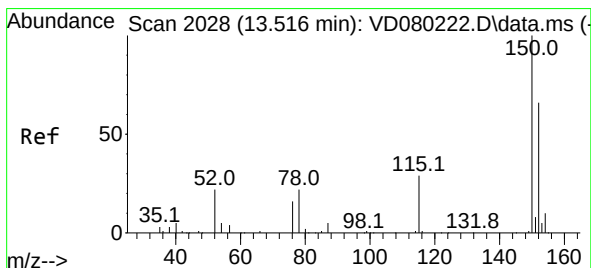
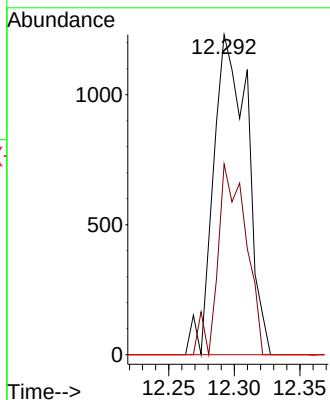
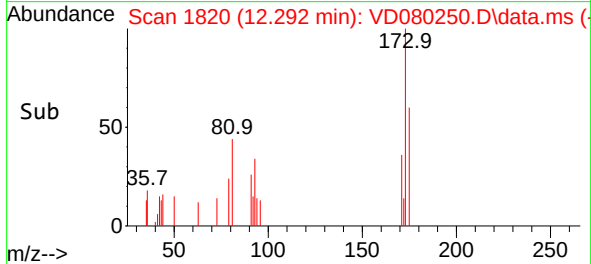
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:173 Resp: 221
Ion Ratio Lower Upper
173 100
175 49.6 23.4 70.0
254 0.0 0.0 0.0

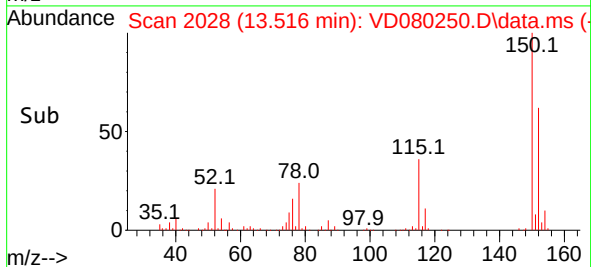
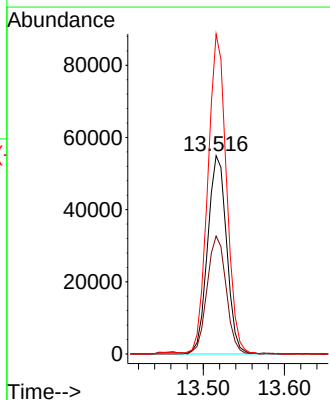
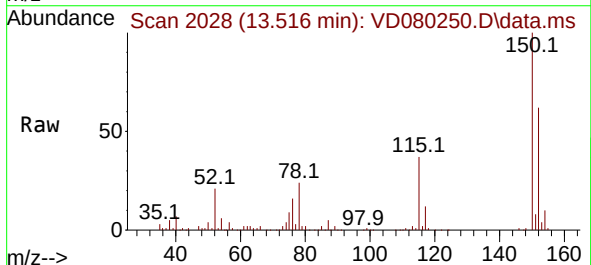
Manual Integrations
APPROVED

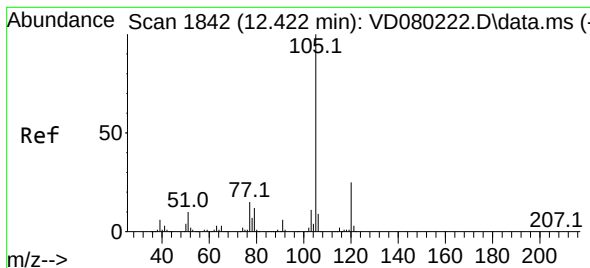
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion:152 Resp: 89184
Ion Ratio Lower Upper
152 100
115 59.8 30.0 90.1
150 158.6 0.0 350.4





#73

Isopropylbenzene

Concen: 2.095 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080250.D

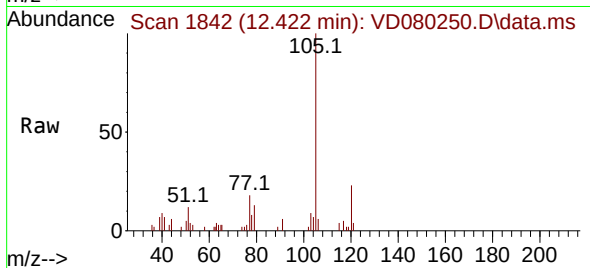
Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



Tgt Ion:105 Resp: 12640

Ion Ratio Lower Upper

105 100

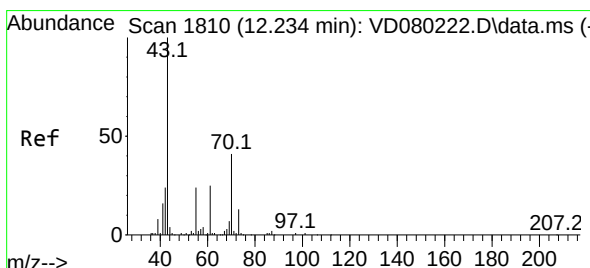
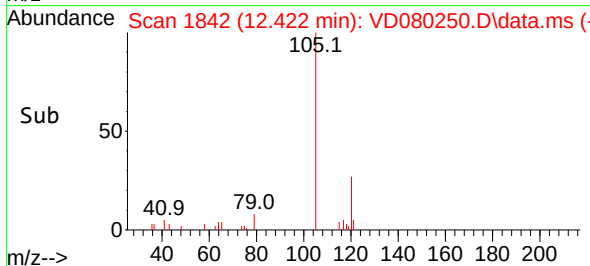
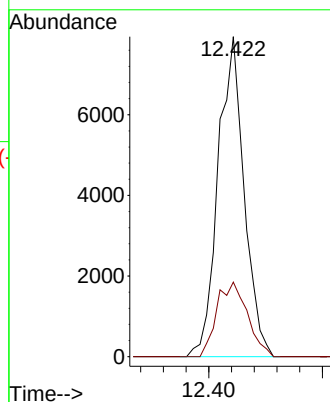
120 27.3 12.9 38.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#74

N-ethyl acetate

Concen: 2.594 ug/l

RT: 12.233 min Scan# 1810

Delta R.T. -0.000 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion: 43 Resp: 4113

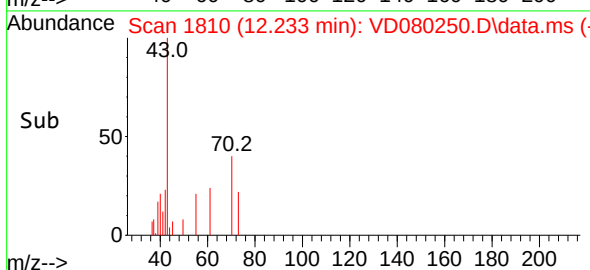
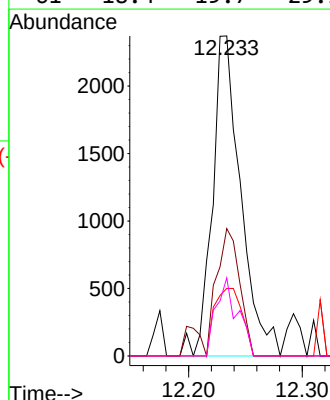
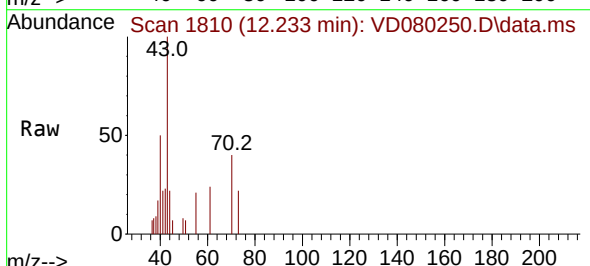
Ion Ratio Lower Upper

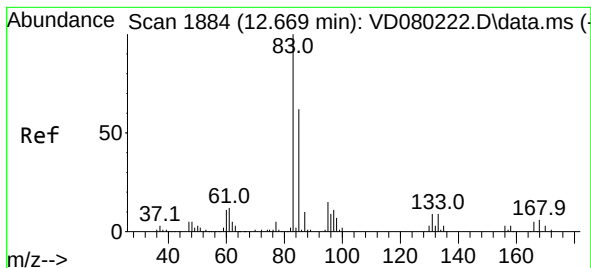
43 100

70 32.2 33.6 50.4#

55 20.5 21.4 32.0#

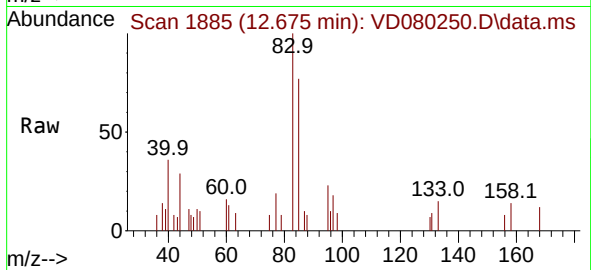
61 18.4 19.7 29.5#





#75
1,1,2,2-Tetrachloroethane
Concen: 2.977 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

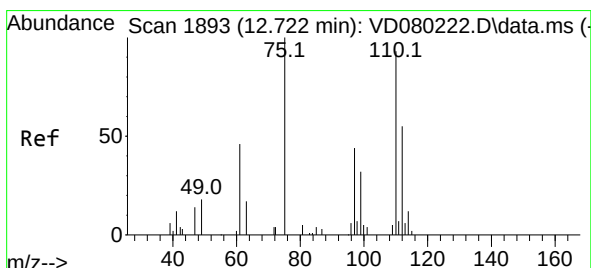
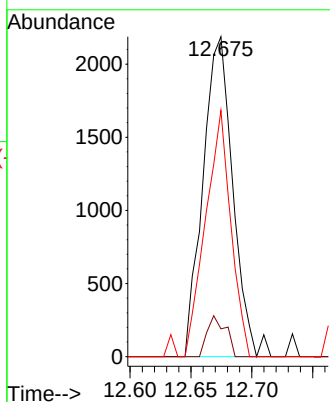
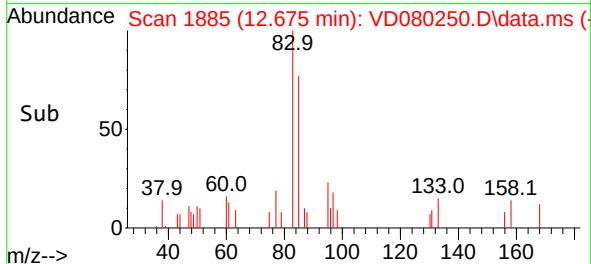
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



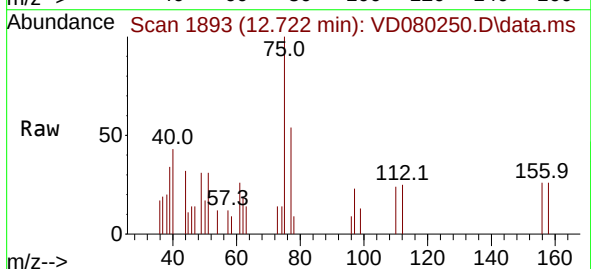
Tgt Ion: 83 Resp: 373
Ion Ratio Lower Upper
83 100
131 7.9 4.9 14.6
85 65.1 32.4 97.0

Manual Integrations
APPROVED

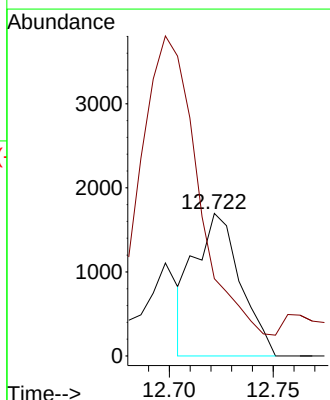
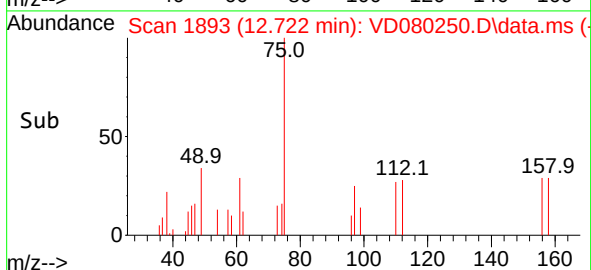
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

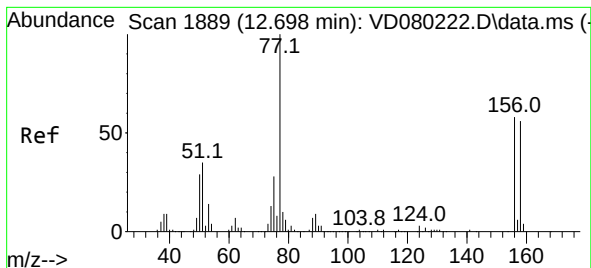


#76
1,2,3-Trichloropropane
Concen: 2.879 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion: 75 Resp: 2597
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





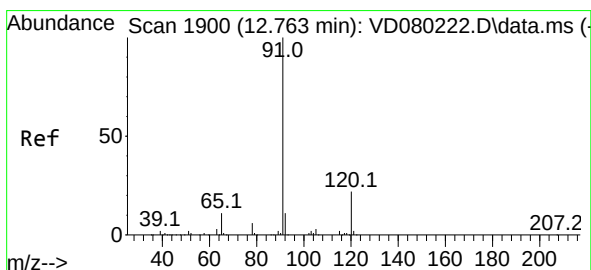
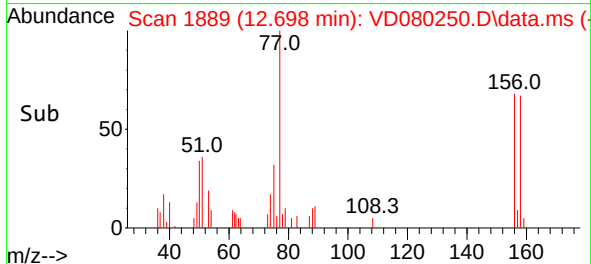
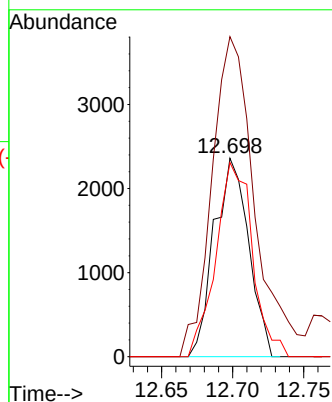
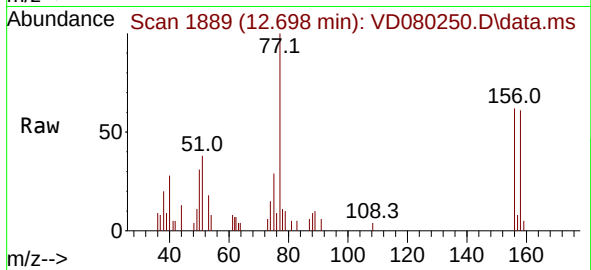
#77
Bromobenzene
Concen: 2.555 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:156 Resp: 3975
Ion Ratio Lower Upper
156 100
77 201.4 95.2 285.4
158 103.8 47.8 143.3

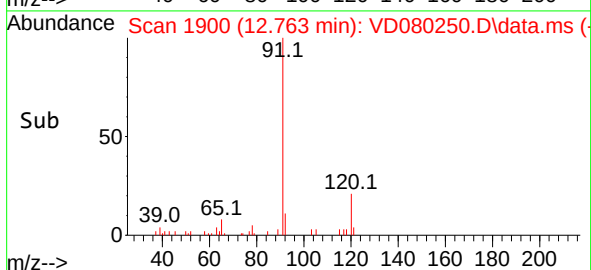
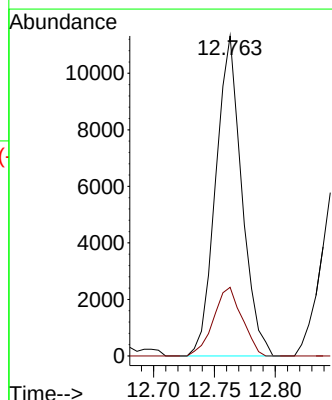
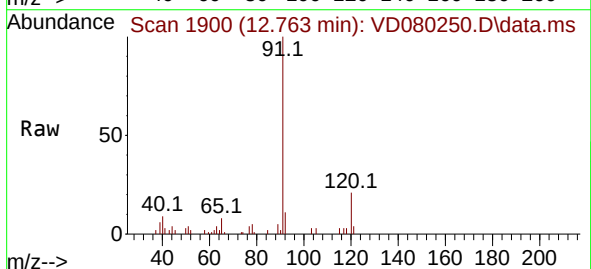
Manual Integrations
APPROVED

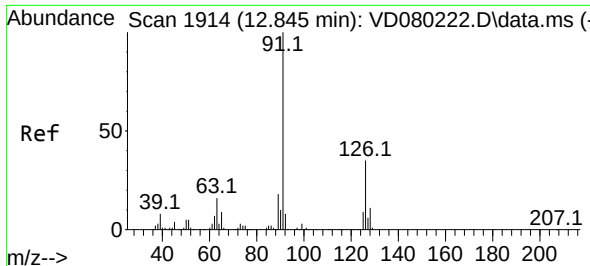
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#78
n-propylbenzene
Concen: 2.192 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion: 91 Resp: 16839
Ion Ratio Lower Upper
91 100
120 23.5 11.0 33.0





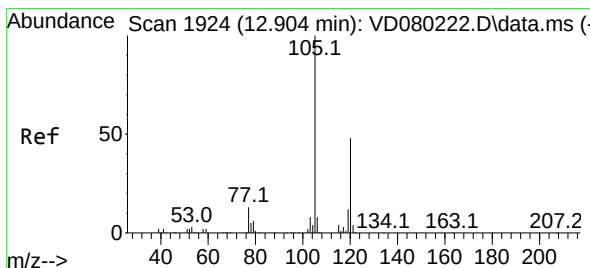
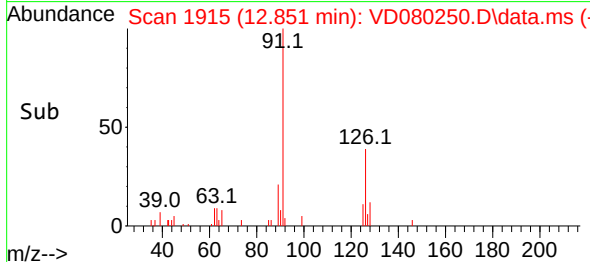
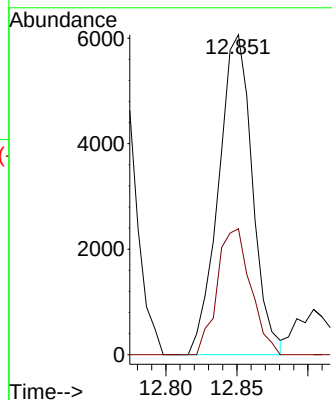
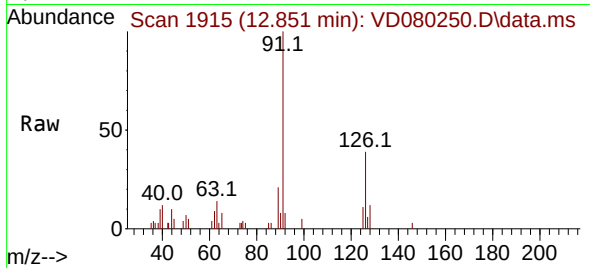
#79
2-Chlorotoluene
Concen: 2.310 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 91 Resp: 10079
Ion Ratio Lower Upper
91 100
126 38.9 16.8 50.4

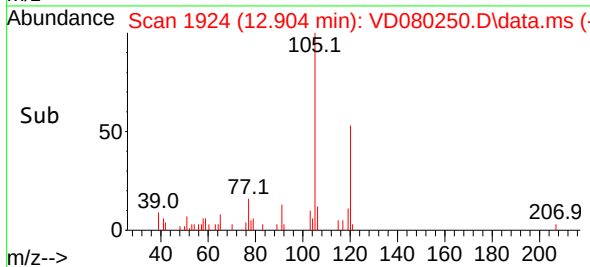
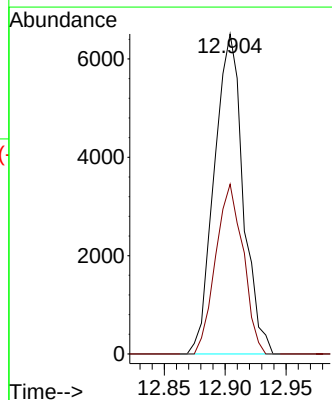
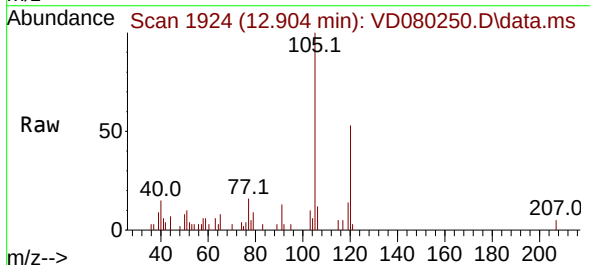
Manual Integrations
APPROVED

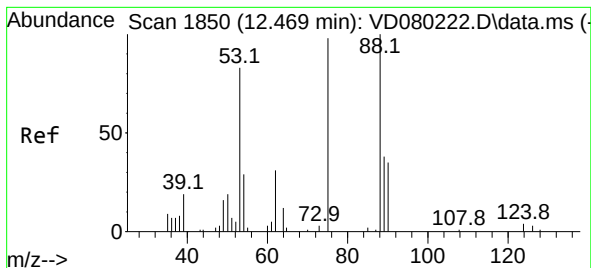
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#80
1,3,5-Trimethylbenzene
Concen: 2.128 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

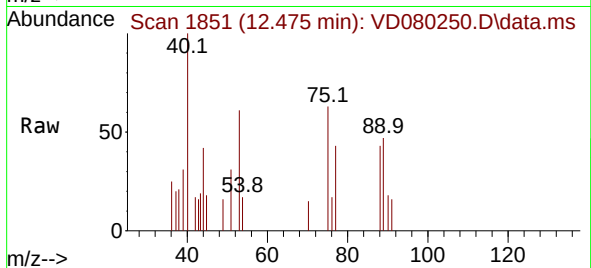
Tgt Ion:105 Resp: 10737
Ion Ratio Lower Upper
105 100
120 50.5 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 2.444 ug/l m
RT: 12.475 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

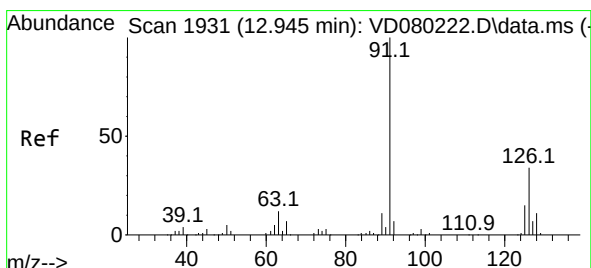
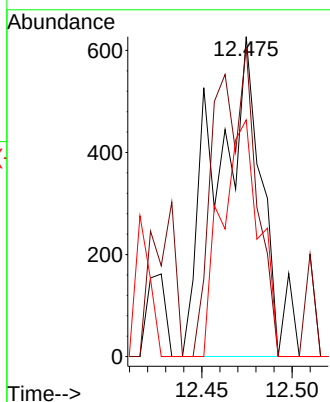
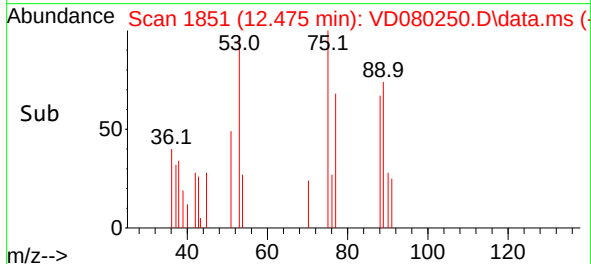
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



Tgt Ion: 75 Resp: 1078
Ion Ratio Lower Upper
75 100
53 18.9 69.1 103.7
89 8.1 36.5 54.7

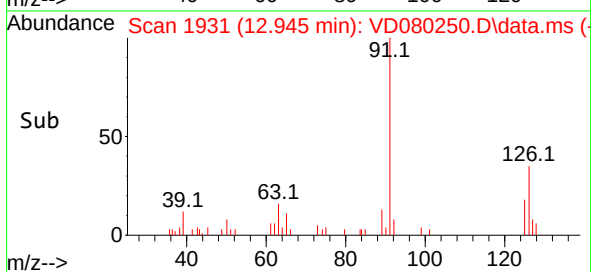
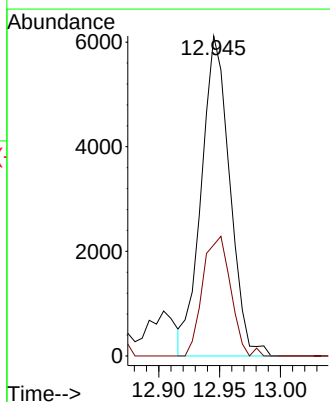
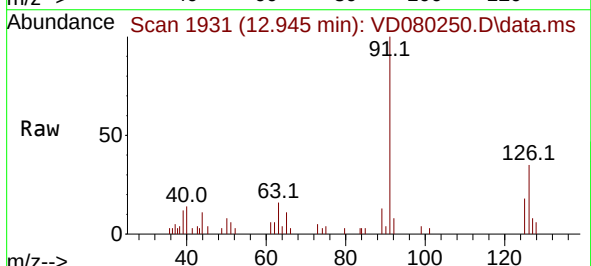
Manual Integrations
APPROVED

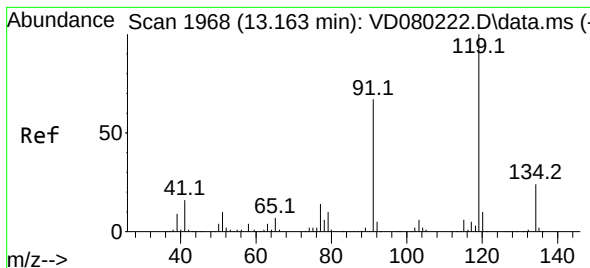
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#82
4-Chlorotoluene
Concen: 2.145 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

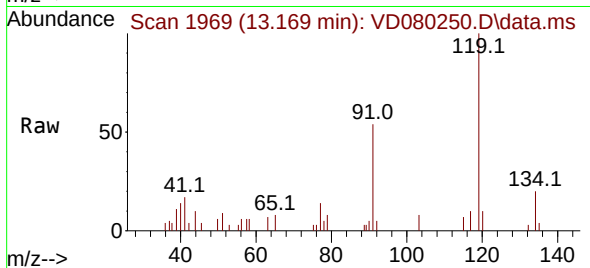
Tgt Ion: 91 Resp: 9944
Ion Ratio Lower Upper
91 100
126 36.8 16.9 50.6





#83
tert-Butylbenzene
Concen: 2.150 ug/l
RT: 13.169 min Scan# 1969
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

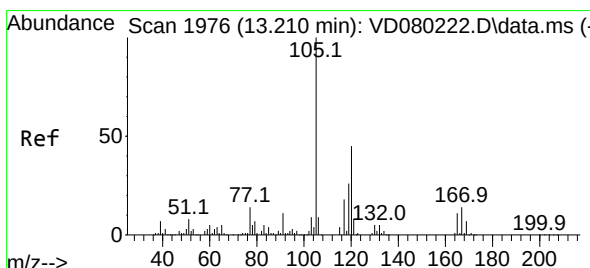
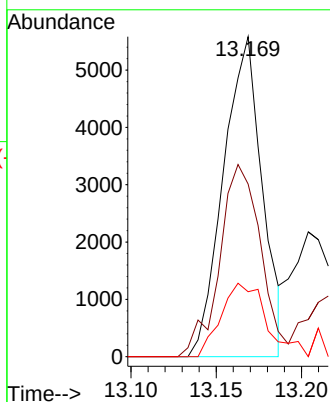
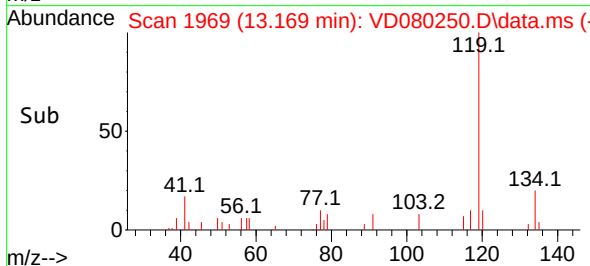
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



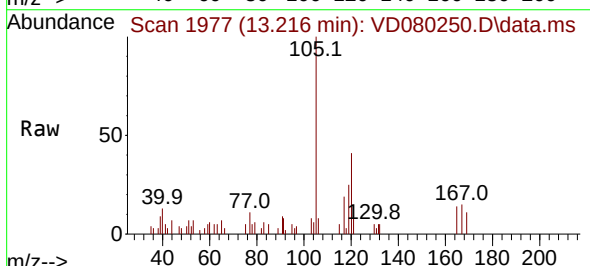
Tgt Ion:119 Resp: 886
Ion Ratio Lower Upper
119 100
91 63.4 34.5 103.5
134 26.8 13.0 38.9

Manual Integrations
APPROVED

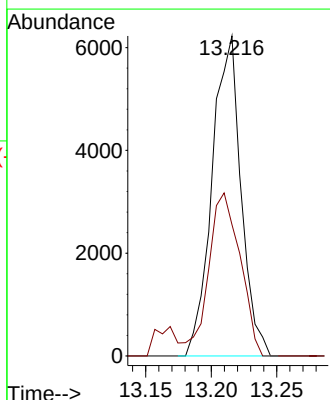
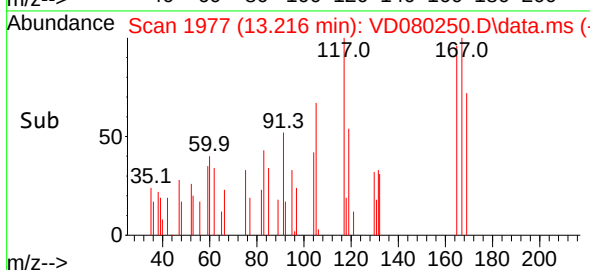
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

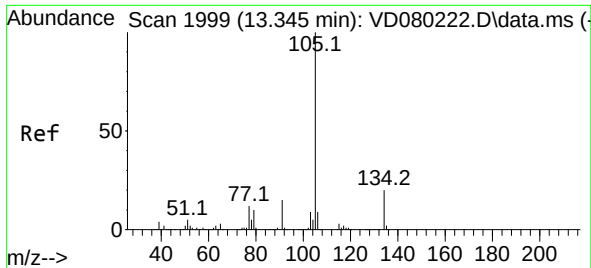


#84
1,2,4-Trimethylbenzene
Concen: 1.858 ug/l
RT: 13.216 min Scan# 1977
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion:105 Resp: 9542
Ion Ratio Lower Upper
105 100
120 55.2 22.1 66.5





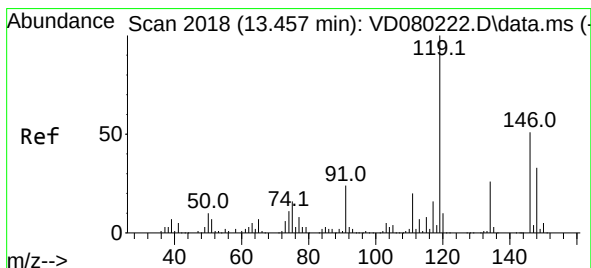
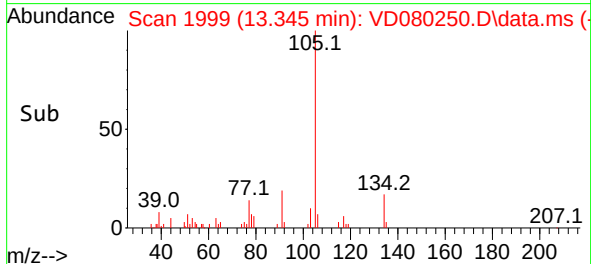
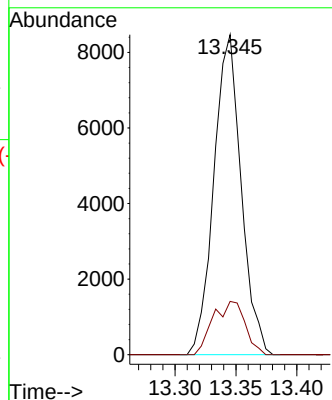
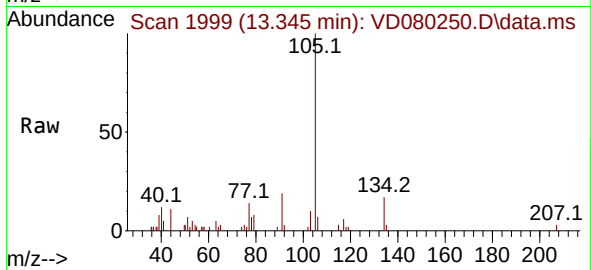
#85
 sec-Butylbenzene
 Concen: 2.093 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:105 Resp: 13199
 Ion Ratio Lower Upper
 105 100
 134 19.6 9.8 29.4

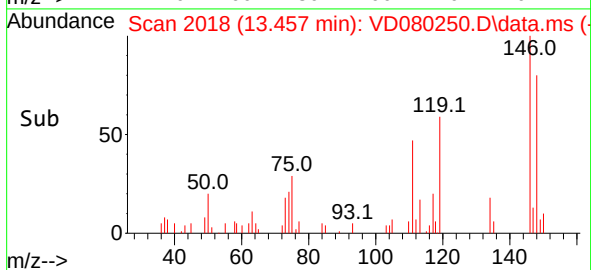
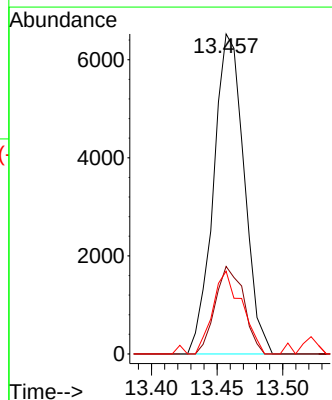
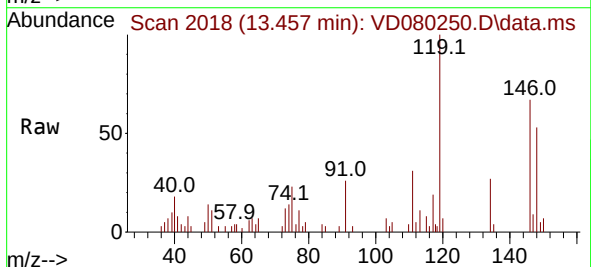
Manual Integrations
 APPROVED

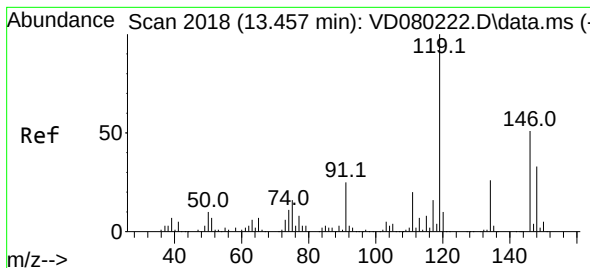
Reviewed By :Mahesh Dadoda 02/07/2025
 Supervised By :Semsettin Yesilyurt 02/07/2025



#86
 p-Isopropyltoluene
 Concen: 1.966 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. -0.000 min
 Lab File: VD080250.D
 Acq: 06 Feb 2025 15:02

Tgt Ion:119 Resp: 10585
 Ion Ratio Lower Upper
 119 100
 134 25.5 13.3 39.9
 91 24.5 12.4 37.2





#87

1,3-Dichlorobenzene

Concen: 2.419 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD080250.D

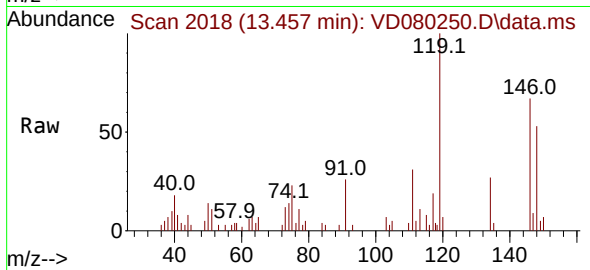
Acq: 06 Feb 2025 15:02

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2025



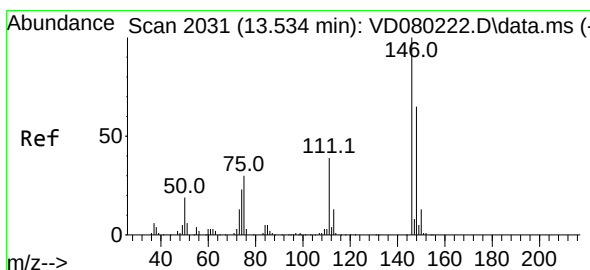
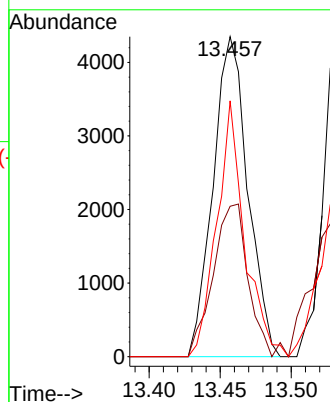
Tgt Ion:	146	Resp:	741
Ion Ratio	Lower	Upper	
146	100		
111	47.5	20.5	61.6
148	63.9	32.2	96.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025

Supervised By :Semsettin Yesilyurt 02/07/2025



#88

1,4-Dichlorobenzene

Concen: 2.736 ug/l

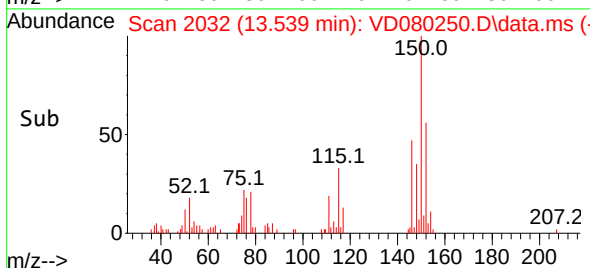
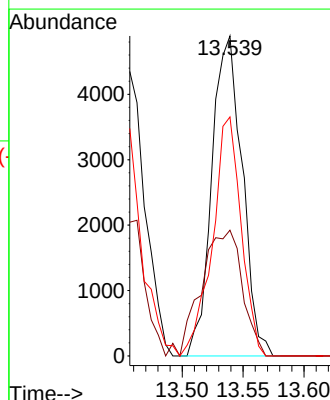
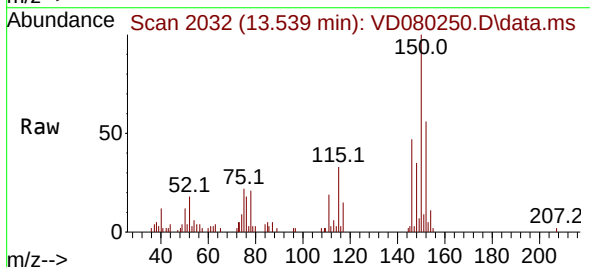
RT: 13.539 min Scan# 2032

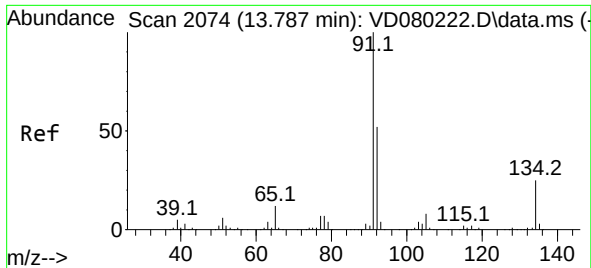
Delta R.T. 0.006 min

Lab File: VD080250.D

Acq: 06 Feb 2025 15:02

Tgt Ion:	146	Resp:	8487
Ion Ratio	Lower	Upper	
146	100		
111	53.3	19.7	59.0
148	70.6	32.3	96.8





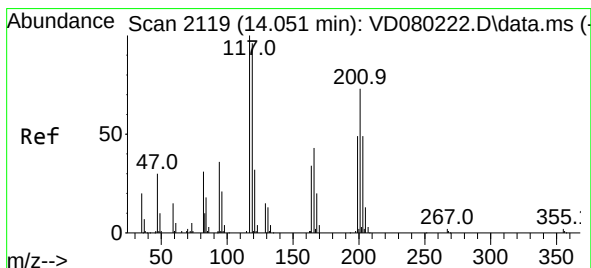
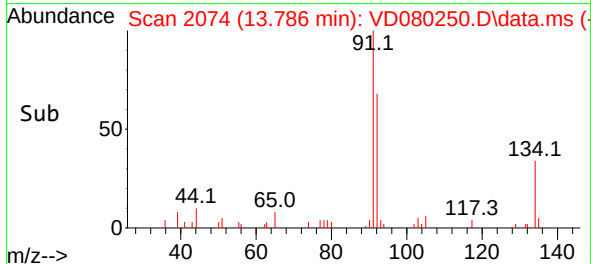
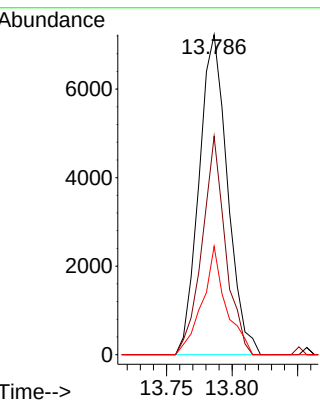
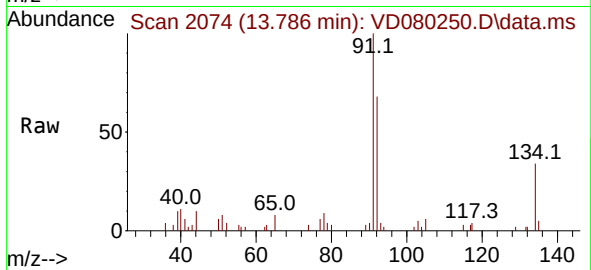
#89
n-Butylbenzene
Concen: 2.081 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

Tgt Ion: 91 Resp: 1088
Ion Ratio Lower Upper
91 100
92 56.2 26.1 78.2
134 28.4 12.4 37.0

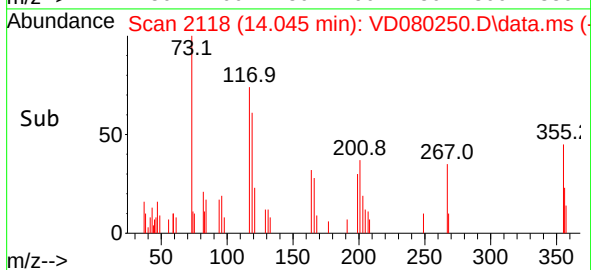
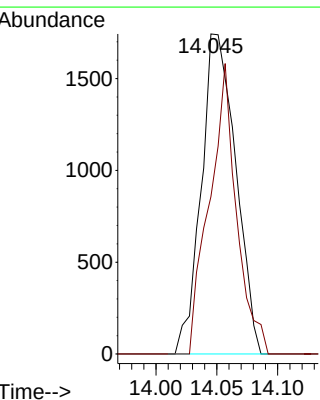
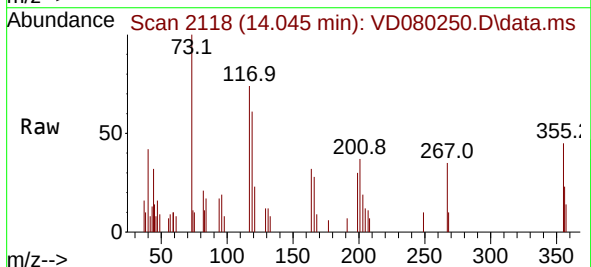
Manual Integrations
APPROVED

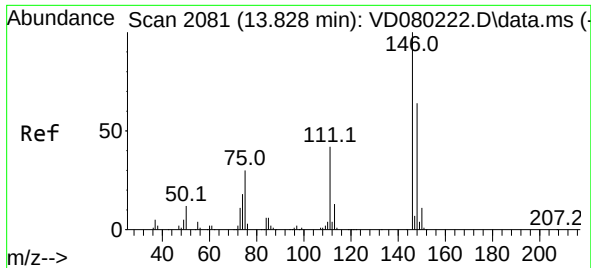
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#90
Hexachloroethane
Concen: 2.879 ug/l
RT: 14.045 min Scan# 2118
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Tgt Ion:117 Resp: 3445
Ion Ratio Lower Upper
117 100
201 71.1 36.0 108.0





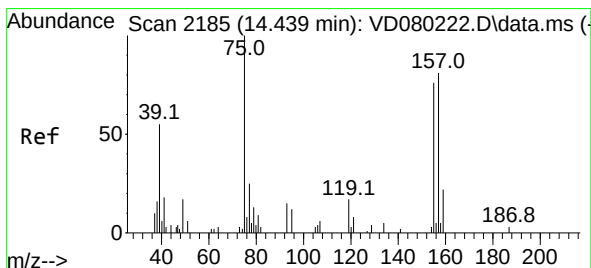
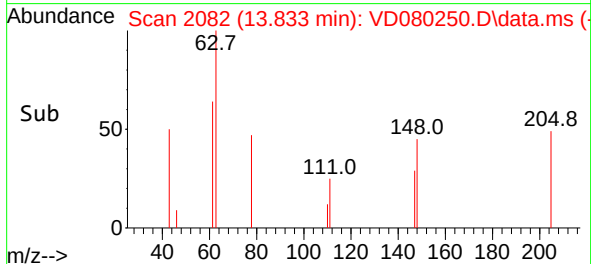
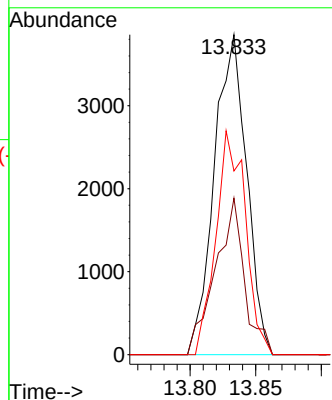
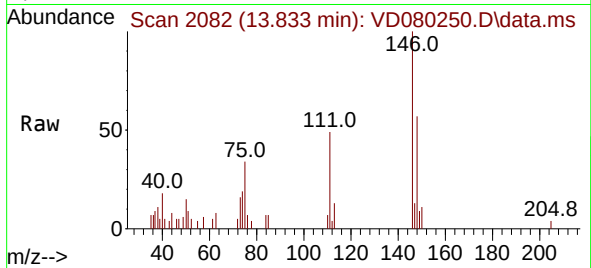
#91
1,2-Dichlorobenzene
Concen: 2.448 ug/l
RT: 13.833 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025

Tgt Ion:146 Resp: 661
Ion Ratio Lower Upper
146 100
111 43.9 21.0 63.0
148 63.8 32.5 97.5

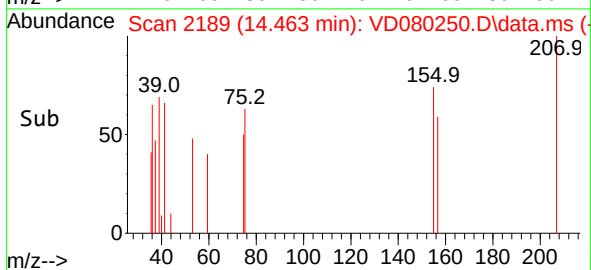
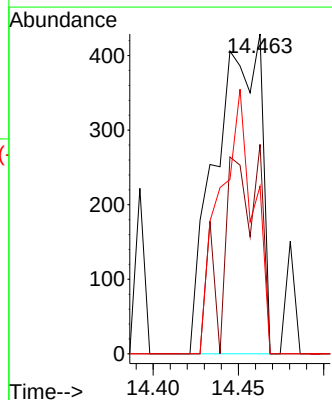
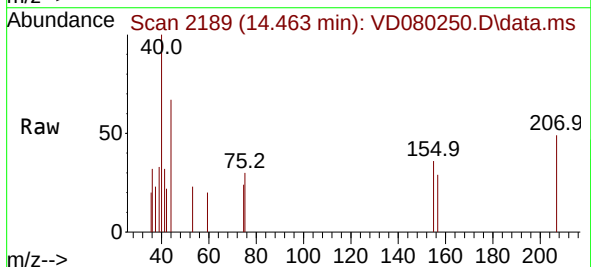
Manual Integrations
APPROVED

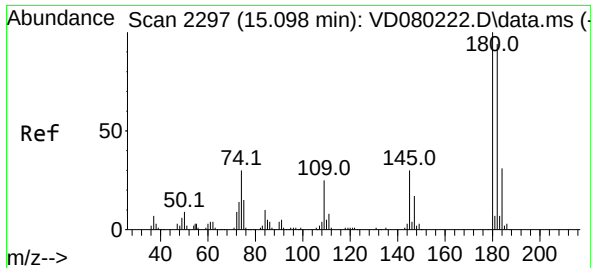
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.986 ug/l
RT: 14.463 min Scan# 2189
Delta R.T. 0.023 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

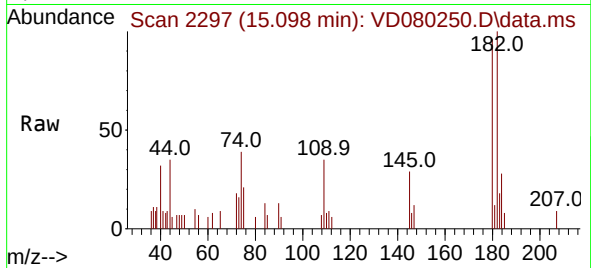
Tgt Ion: 75 Resp: 796
Ion Ratio Lower Upper
75 100
155 50.3 41.5 124.6
157 61.7 50.5 151.5





#93
1,2,4-Trichlorobenzene
Concen: 2.557 ug/l
RT: 15.098 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

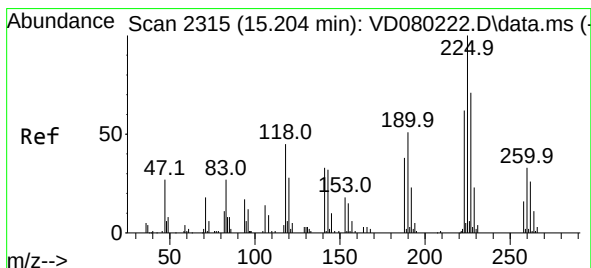
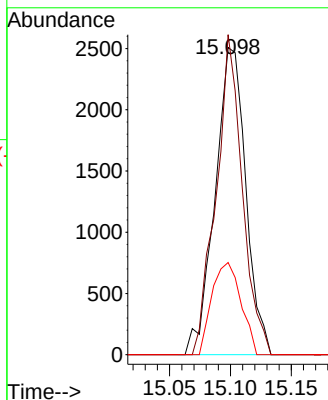
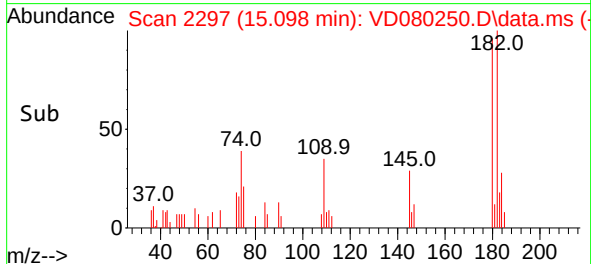
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2025



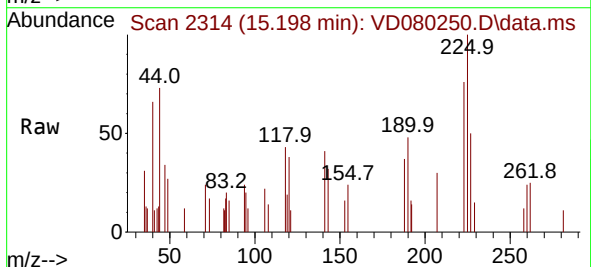
Tgt Ion:180 Resp: 440
Ion Ratio Lower Upper
180 100
182 89.0 47.5 142.5
145 28.3 14.6 44.0

Manual Integrations
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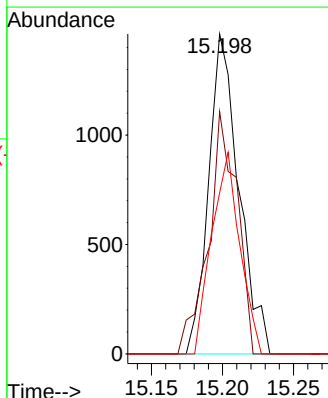
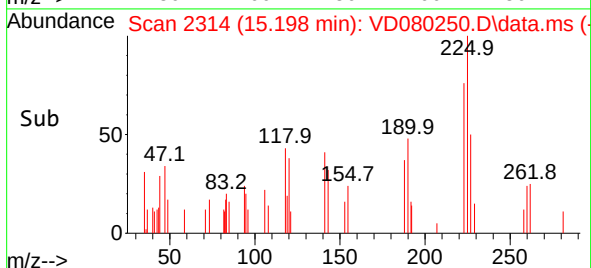
Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025

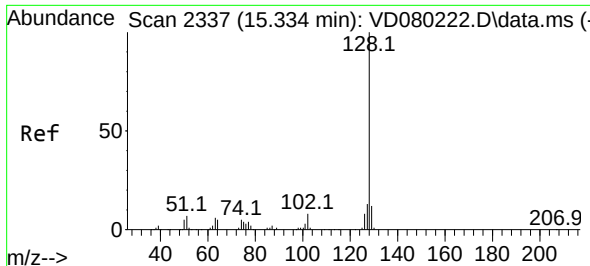


#94
Hexachlorobutadiene
Concen: 2.318 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



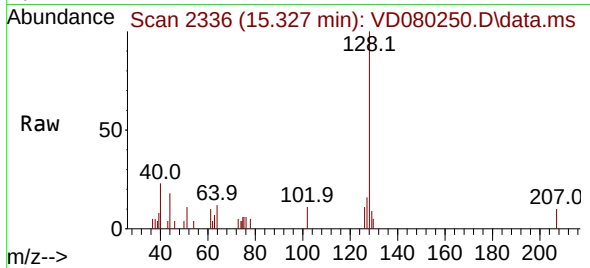
Tgt Ion:225 Resp: 2161
Ion Ratio Lower Upper
225 100
223 71.8 31.3 93.8
227 58.8 32.4 97.2





#95
Naphthalene
Concen: 2.366 ug/l
RT: 15.327 min Scan# 2336
Delta R.T. -0.007 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02

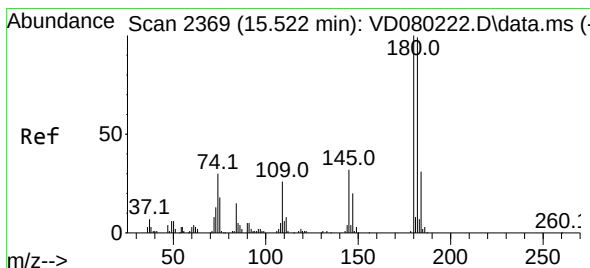
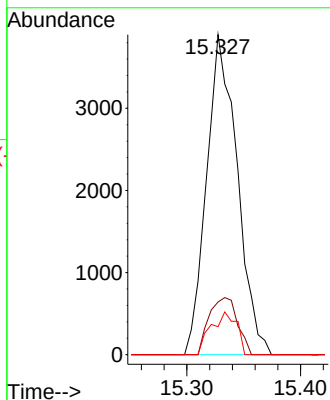
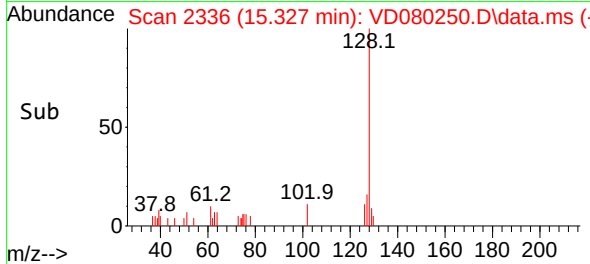
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2025



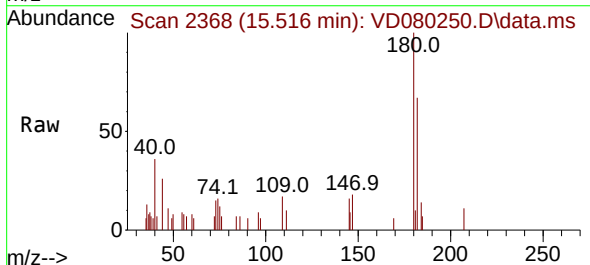
Tgt Ion:128 Resp: 730
Ion Ratio Lower Upper
128 100
127 16.4 10.6 15.8
129 13.3 9.4 14.0

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 02/07/2025
Supervised By :Semsettin Yesilyurt 02/07/2025



#96
1,2,3-Trichlorobenzene
Concen: 2.616 ug/l
RT: 15.516 min Scan# 2368
Delta R.T. -0.006 min
Lab File: VD080250.D
Acq: 06 Feb 2025 15:02



Tgt Ion:180 Resp: 4064
Ion Ratio Lower Upper
180 100
182 85.1 47.3 142.0
145 23.2 15.6 46.7

