

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020725\
 Data File : VD080261.D
 Acq On : 07 Feb 2025 15:41
 Operator : RP/MD
 Sample : Q1168-03 4PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Feb 08 01:23:58 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020325S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 08 01:23:21 2025
 Response via : Initial Calibration

Manual Integrations
 APPROVED

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

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	96198	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	170550	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	162730	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	81257	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	68073	54.400	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 108.800%			
35) Dibromofluoromethane	7.804	113	62325	51.562	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.120%			
50) Toluene-d8	10.269	98	222415	49.618	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.240%			
62) 4-Bromofluorobenzene	12.575	95	67368	46.840	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 93.680%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4068	3.579	ug/l	82
3) Chloromethane	2.152	50	8374	4.179	ug/l	100
4) Vinyl Chloride	2.281	62	10146	4.185	ug/l	90
5) Bromomethane	2.687	94	8341	4.462	ug/l	96
6) Chloroethane	2.828	64	7301	4.522	ug/l	96
7) Trichlorofluoromethane	3.169	101	8497	4.229	ug/l	94
8) Diethyl Ether	3.593	74	2455	4.467	ug/l	97
9) 1,1,2-Trichlorotrifluo...	3.958	101	5023	4.319	ug/l	94
10) Methyl Iodide	4.152	142	4022m	4.841	ug/l	
11) Tert butyl alcohol	5.093	59	2175m	31.466	ug/l	
12) 1,1-Dichloroethene	3.934	96	4301	3.904	ug/l #	84
13) Acrolein	3.799	56	2884	22.128	ug/l #	72
14) Allyl chloride	4.563	41	6513	3.836	ug/l	88
15) Acrylonitrile	5.269	53	5532	20.950	ug/l	99
16) Acetone	4.040	43	5376	26.657	ug/l #	81
17) Carbon Disulfide	4.263	76	15921	4.007	ug/l #	95
18) Methyl Acetate	4.569	43	4064	5.972	ug/l #	84
19) Methyl tert-butyl Ether	5.310	73	9302m	3.835	ug/l	
20) Methylene Chloride	4.805	84	6587	4.813	ug/l #	88
21) trans-1,2-Dichloroethene	5.316	96	4986	3.984	ug/l	85
22) Diisopropyl ether	6.210	45	12728	3.603	ug/l #	87
23) Vinyl Acetate	6.163	43	33850m	16.595	ug/l	
24) 1,1-Dichloroethane	6.104	63	10433	4.505	ug/l	95
25) 2-Butanone	7.087	43	6290	20.108	ug/l	95
26) 2,2-Dichloropropane	7.081	77	8385	4.174	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	4902	3.467	ug/l	83
28) Bromochloromethane	7.428	49	4439	4.200	ug/l #	99
29) Tetrahydrofuran	7.452	42	3862	18.850	ug/l #	92
30) Chloroform	7.599	83	10084	4.259	ug/l	89
31) Cyclohexane	7.875	56	8603	4.640	ug/l #	56
32) 1,1,1-Trichloroethane	7.793	97	8997	4.542	ug/l	97
36) 1,1-Dichloropropene	8.016	75	5743	3.317	ug/l	88
37) Ethyl Acetate	7.169	43	3619	4.263	ug/l #	85
38) Carbon Tetrachloride	7.987	117	7421	4.104	ug/l	97
39) Methylcyclohexane	9.269	83	6328	3.364	ug/l	93
40) Benzene	8.251	78	19974	3.681	ug/l	98

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 Supervised By :Semsettin Yesilyurt 02/10/2025

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1250	2.675	ug/l #	47
42) 1,2-Dichloroethane	8.328	62	6854	4.438	ug/l	93
43) Isopropyl Acetate	8.363	43	5918	3.928	ug/l	95
44) Trichloroethene	9.028	130	5146	4.105	ug/l	92
45) 1,2-Dichloropropane	9.304	63	5382	3.943	ug/l	97
46) Dibromomethane	9.398	93	3095	4.070	ug/l	95
47) Bromodichloromethane	9.581	83	8032	4.188	ug/l	92
48) Methyl methacrylate	9.381	41	2768	3.970	ug/l #	84
49) 1,4-Dioxane	9.393	88	750	90.659	ug/l #	73
51) 4-Methyl-2-Pentanone	10.163	43	13277	17.427	ug/l	95
52) Toluene	10.334	92	12653	3.986	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	6766	4.139	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	6732	3.385	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	4145	4.195	ug/l	95
56) Ethyl methacrylate	10.598	69	4465	3.960	ug/l #	91
57) 1,3-Dichloropropane	10.881	76	6297	3.853	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	9023	18.751	ug/l	95
59) 2-Hexanone	10.922	43	9296	18.594	ug/l	95
60) Dibromochloromethane	11.075	129	5269	4.326	ug/l	99
61) 1,2-Dibromoethane	11.175	107	3994	4.438	ug/l	91
64) Tetrachloroethene	10.816	164	4788	4.212	ug/l #	70
65) Chlorobenzene	11.604	112	13665	3.663	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.675	131	5471	4.193	ug/l	96
67) Ethyl Benzene	11.687	91	19873	3.203	ug/l	95
68) m/p-Xylenes	11.792	106	14852	6.165	ug/l	95
69) o-Xylene	12.128	106	6880	3.132	ug/l	90
70) Styrene	12.134	104	11924	3.049	ug/l	98
71) Bromoform	12.298	173	2989	3.886	ug/l #	92
73) Isopropylbenzene	12.422	105	17506	3.185	ug/l	97
74) N-amyl acetate	12.234	43	5018	3.473	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	5339	4.668	ug/l	89
76) 1,2,3-Trichloropropane	12.728	75	3540m	4.307	ug/l	
77) Bromobenzene	12.698	156	5581	3.937	ug/l	97
78) n-propylbenzene	12.763	91	22405	3.202	ug/l	97
79) 2-Chlorotoluene	12.851	91	13683	3.442	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	14741	3.207	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.469	75	1556	3.871	ug/l	95
82) 4-Chlorotoluene	12.945	91	13979	3.309	ug/l	96
83) tert-Butylbenzene	13.169	119	13043	3.471	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	13273	2.837	ug/l	100
85) sec-Butylbenzene	13.345	105	18352	3.194	ug/l	99
86) p-Isopropyltoluene	13.463	119	15050	3.068	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	10479	3.753	ug/l	96
88) 1,4-Dichlorobenzene	13.539	146	11594	4.102	ug/l	92
89) n-Butylbenzene	13.786	91	16296	3.418	ug/l	95
90) Hexachloroethane	14.057	117	4385	4.022	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	9383	3.814	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1014	5.573	ug/l	75
93) 1,2,4-Trichlorobenzene	15.098	180	5470	3.488	ug/l	99
94) Hexachlorobutadiene	15.204	225	2932	3.452	ug/l	92
95) Naphthalene	15.333	128	9157	3.256	ug/l #	87
96) 1,2,3-Trichlorobenzene	15.522	180	4629	3.270	ug/l	91

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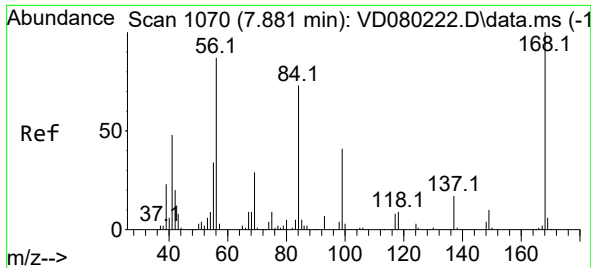
Instrument :
MSVOA_D
ClientSampleId :
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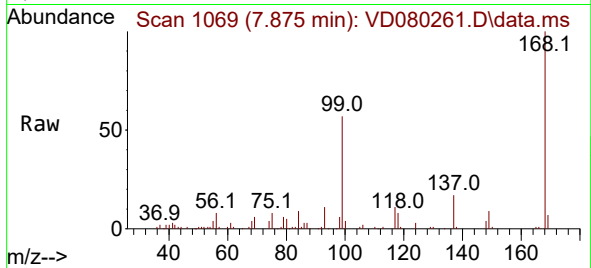
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080261.D
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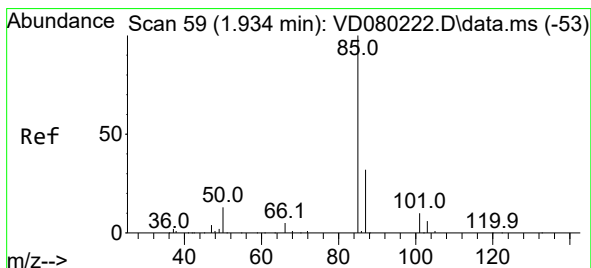
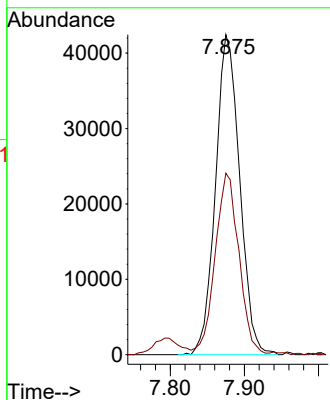
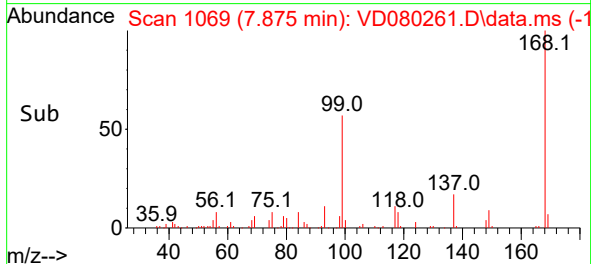
Instrument : MSVOA_D
ClientSampleId : VD080261.D
LOQ-SOIL-03-QT1-2025



Tgt Ion:168 Resp: 96198
Ion Ratio Lower Upper
168 100
99 56.1 44.4 66.6

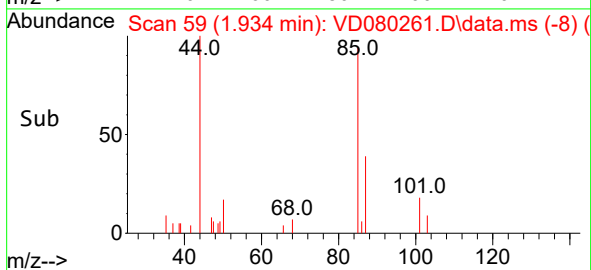
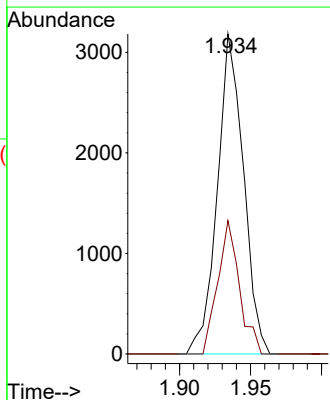
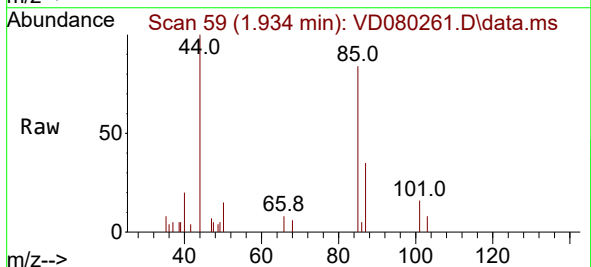
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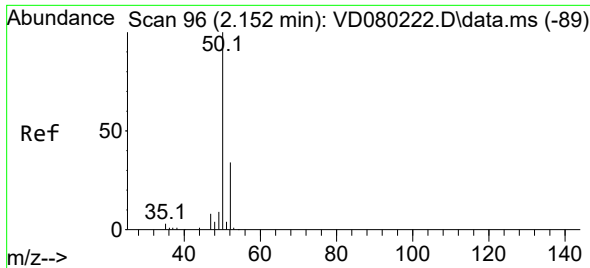
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#2
Dichlorodifluoromethane
Concen: 3.579 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

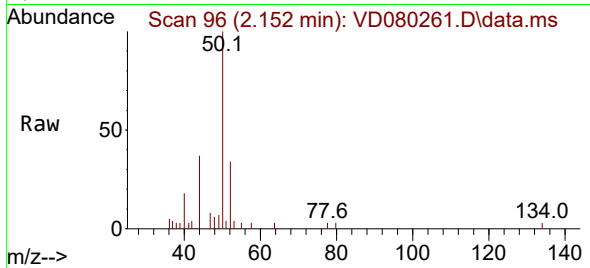
Tgt Ion: 85 Resp: 4068
Ion Ratio Lower Upper
85 100
87 41.7 16.0 47.9





#3
Chloromethane
Concen: 4.179 ug/l
RT: 2.152 min Scan# 90
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

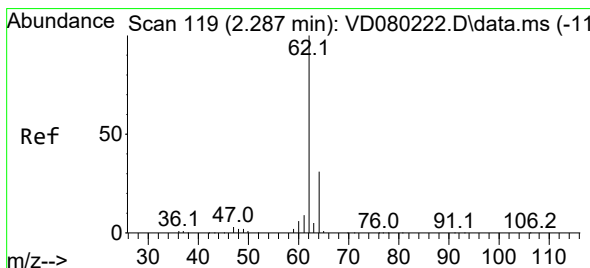
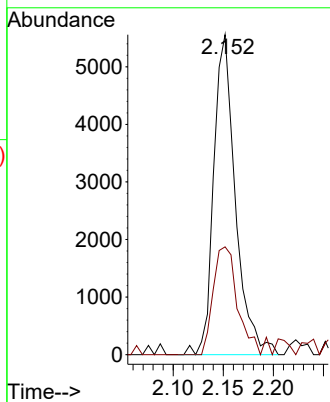
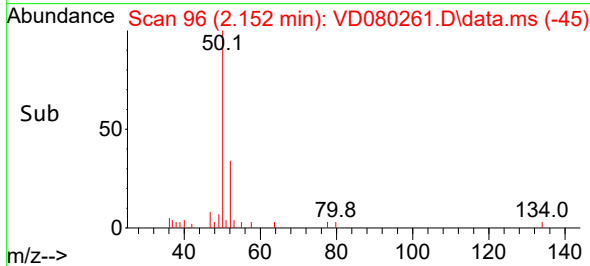
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Tgt Ion: 50 Resp: 8374
Ion Ratio Lower Upper
50 100
52 33.7 27.2 40.8

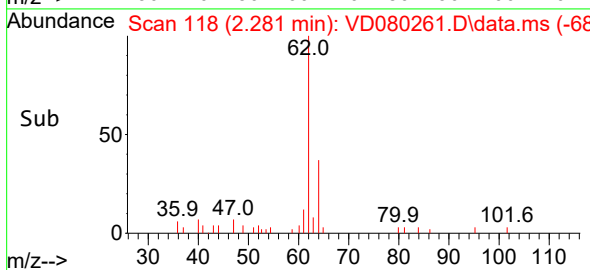
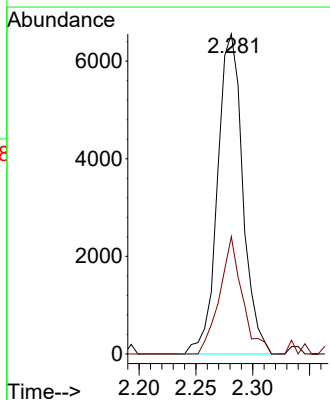
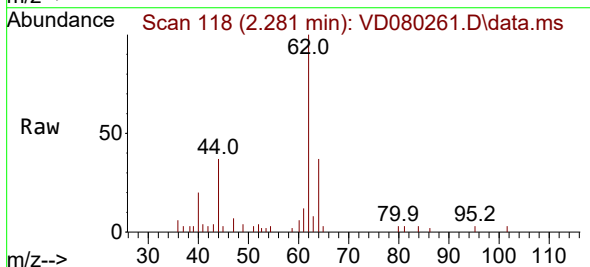
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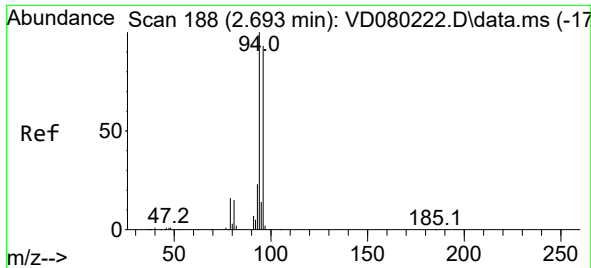
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#4
Vinyl Chloride
Concen: 4.185 ug/l
RT: 2.281 min Scan# 118
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

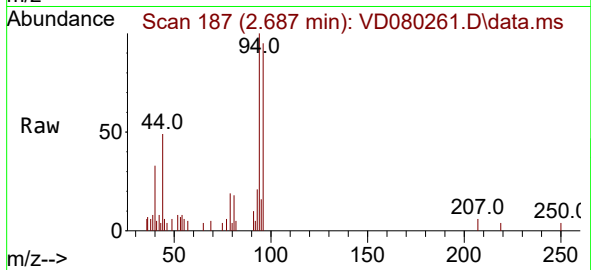
Tgt Ion: 62 Resp: 10146
Ion Ratio Lower Upper
62 100
64 36.7 24.8 37.2





#5
Bromomethane
Concen: 4.462 ug/l
RT: 2.687 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

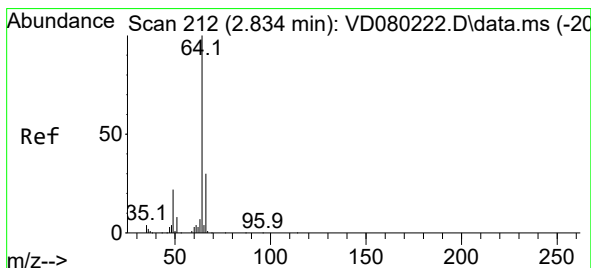
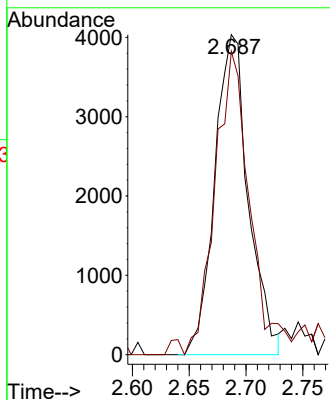
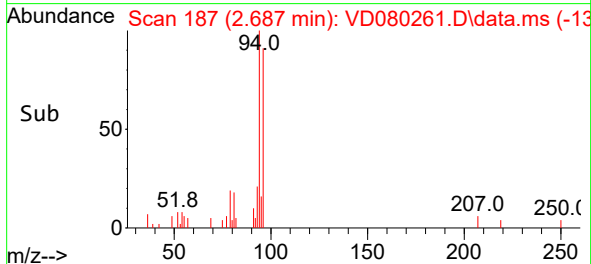
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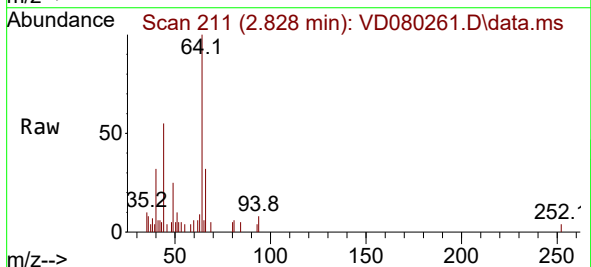
Tgt Ion: 94 Resp: 834
Ion Ratio Lower Upper
94 100
96 97.1 74.4 111.6

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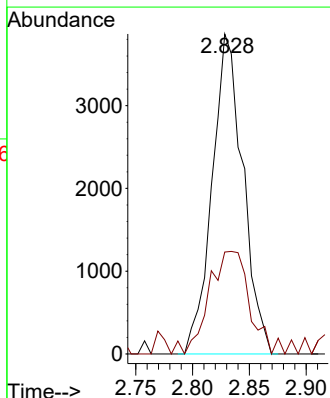
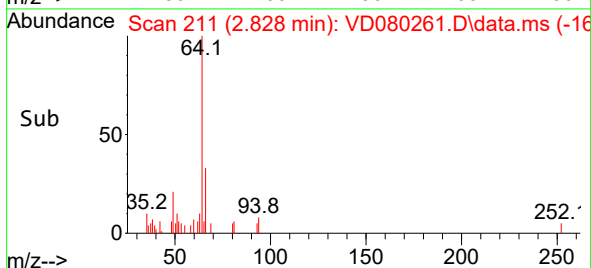
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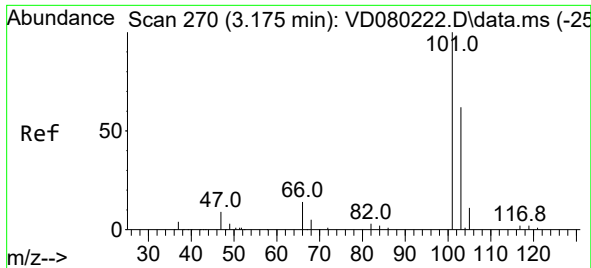


#6
Chloroethane
Concen: 4.522 ug/l
RT: 2.828 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD080261.D
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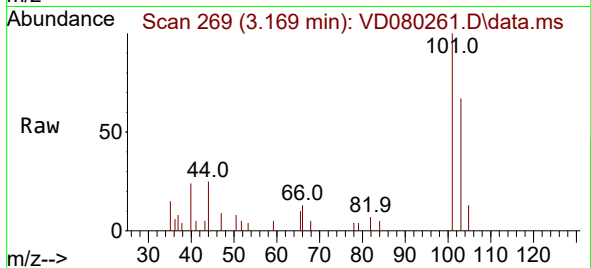
Tgt Ion: 64 Resp: 7301
Ion Ratio Lower Upper
64 100
66 27.8 23.8 35.8





#7
 Trichlorofluoromethane
 Concen: 4.229 ug/l
 RT: 3.169 min Scan# 20
 Delta R.T. -0.006 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

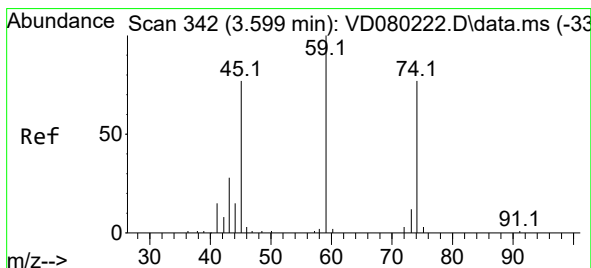
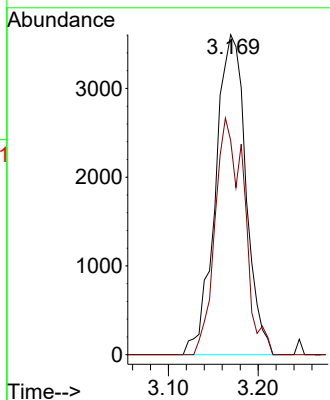
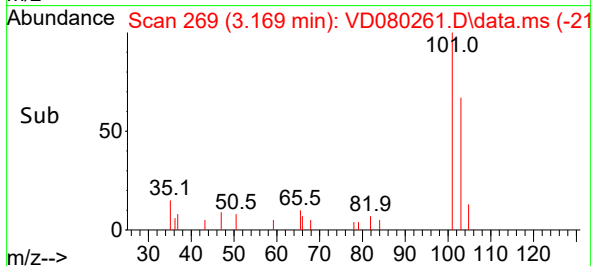
Instrument :
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 LOQ-SOIL-03-QT1-2025



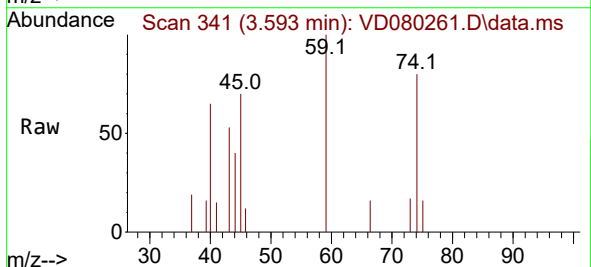
Tgt Ion:101 Resp: 849
 Ion Ratio Lower Upper
 101 100
 103 66.9 49.9 74.9

Manual Integrations
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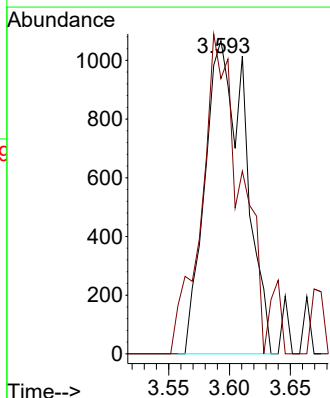
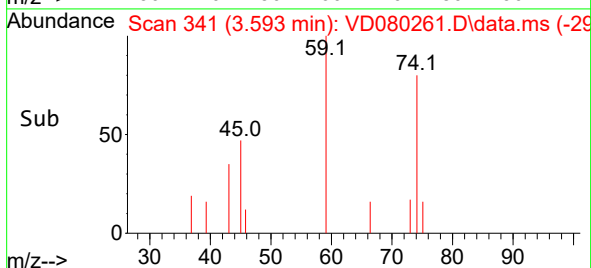
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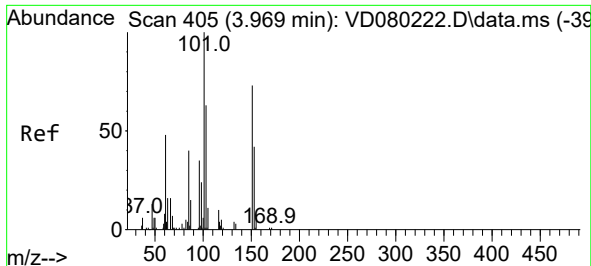


#8
 Diethyl Ether
 Concen: 4.467 ug/l
 RT: 3.593 min Scan# 341
 Delta R.T. -0.006 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41



Tgt Ion: 74 Resp: 2455
 Ion Ratio Lower Upper
 74 100
 45 105.0 51.0 153.1





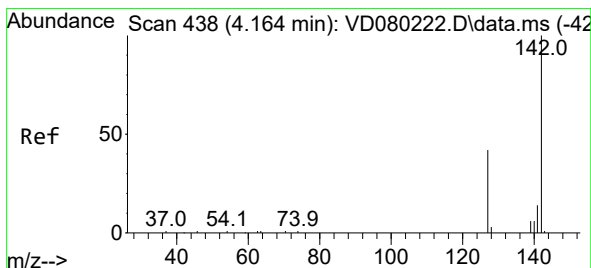
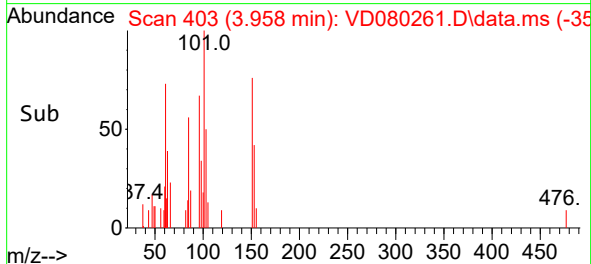
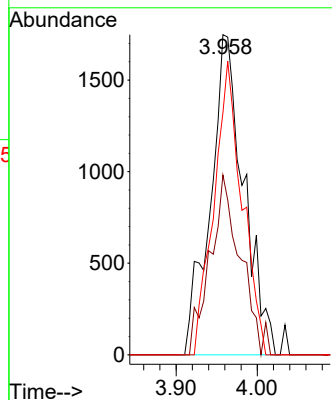
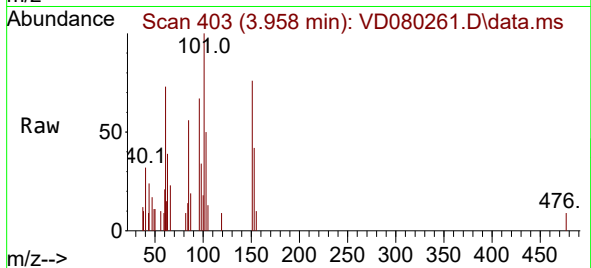
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.319 ug/l
RT: 3.958 min Scan# 405
Delta R.T. -0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

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

Tgt Ion:101 Resp: 502
Ion Ratio Lower Upper
101 100
85 50.8 36.2 54.4
151 77.3 59.0 88.6

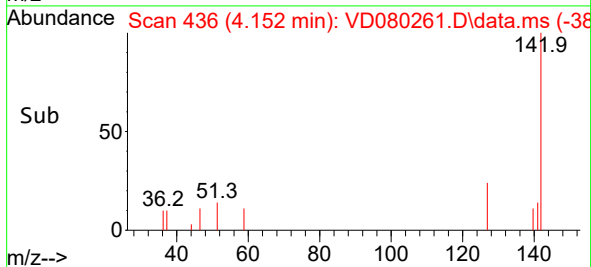
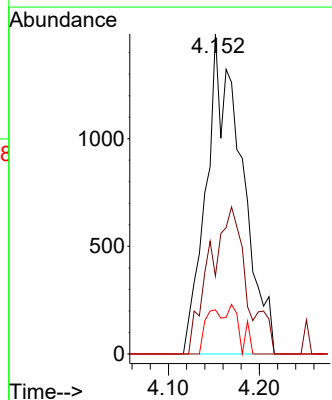
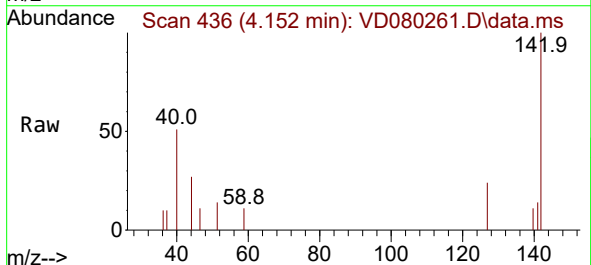
Manual Integrations
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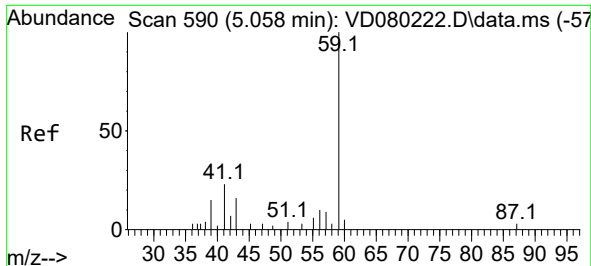
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#10
Methyl Iodide
Concen: 4.841 ug/l m
RT: 4.152 min Scan# 436
Delta R.T. -0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:142 Resp: 4022
Ion Ratio Lower Upper
142 100
127 43.3 35.4 53.2
141 6.4 12.6 18.8#





#11

Tert butyl alcohol

Concen: 31.466 ug/l m

RT: 5.093 min Scan# 59

Delta R.T. 0.035 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion: 59 Resp: 217

Ion Ratio Lower Upper

59 100

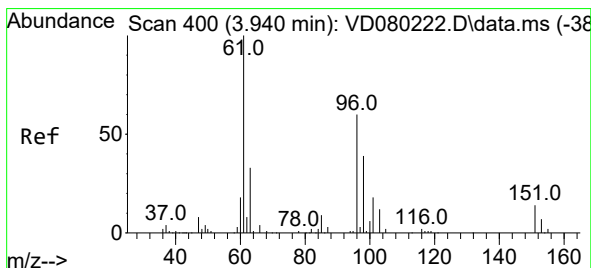
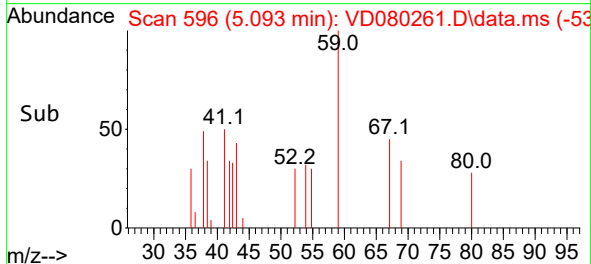
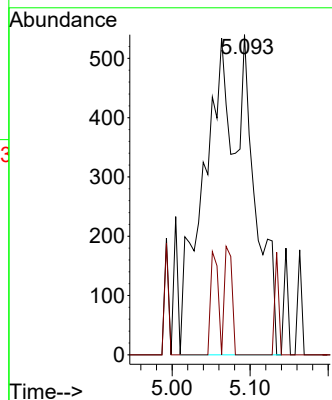
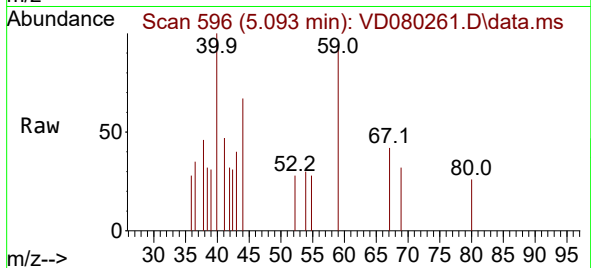
57 5.7 7.2 10.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#12

1,1-Dichloroethene

Concen: 3.904 ug/l

RT: 3.934 min Scan# 399

Delta R.T. -0.006 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

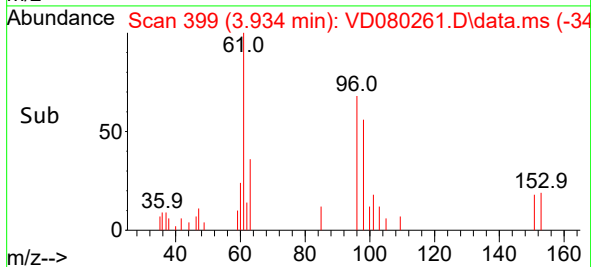
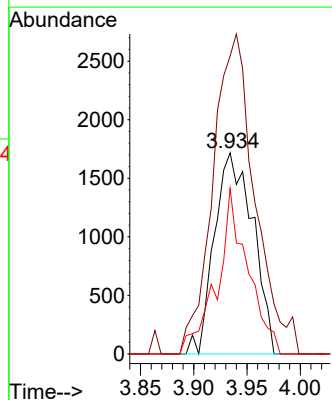
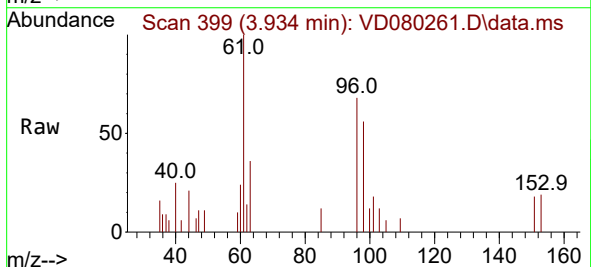
Tgt Ion: 96 Resp: 4301

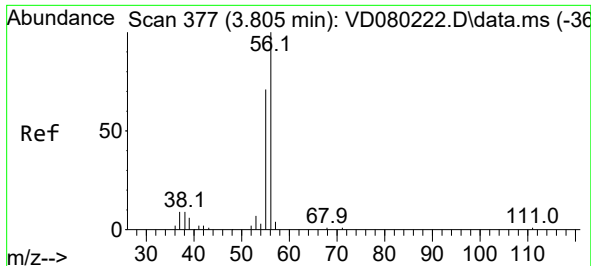
Ion Ratio Lower Upper

96 100

61 148.1 133.8 200.6

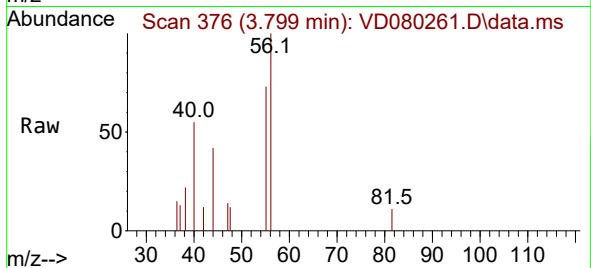
98 82.3 52.2 78.2





#13
Acrolein
Concen: 22.128 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

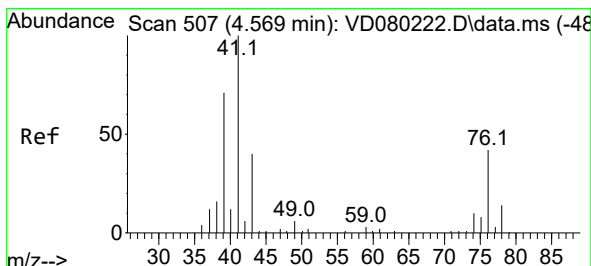
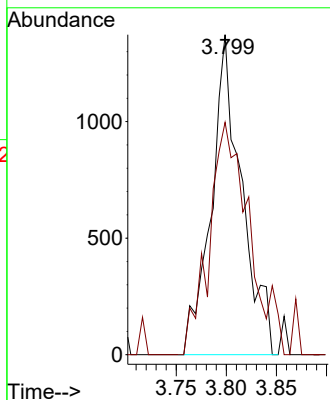
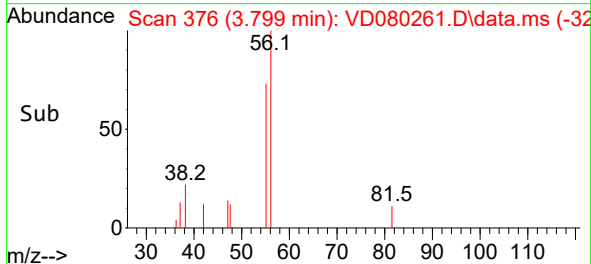
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion: 56 Resp: 2884
Ion Ratio Lower Upper
56 100
55 95.6 57.8 86.8

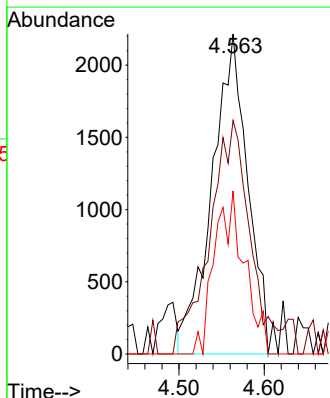
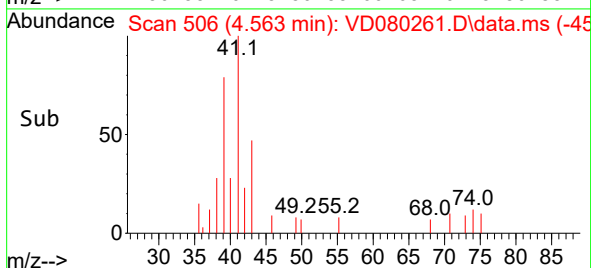
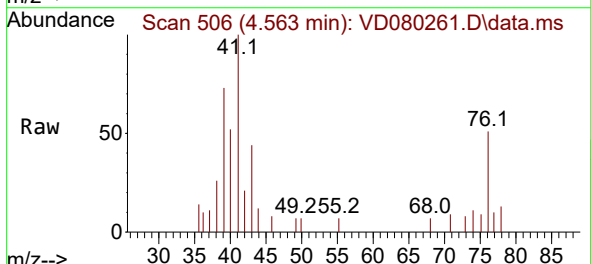
Manual Integrations
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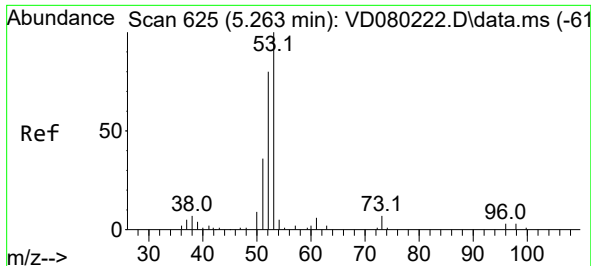
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#14
Allyl chloride
Concen: 3.836 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

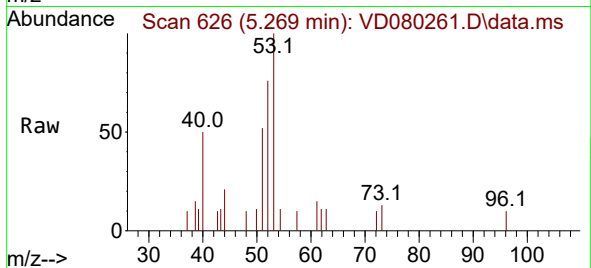
Tgt Ion: 41 Resp: 6513
Ion Ratio Lower Upper
41 100
39 81.0 55.0 82.4
76 42.3 31.0 46.4





#15
Acrylonitrile
Concen: 20.950 ug/l
RT: 5.269 min Scan# 612
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

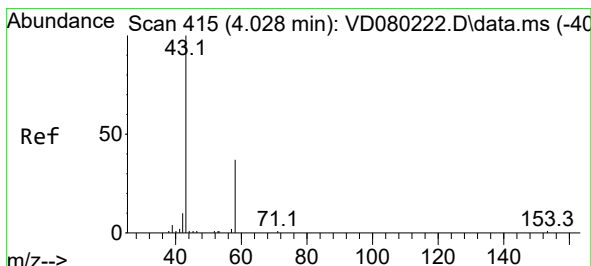
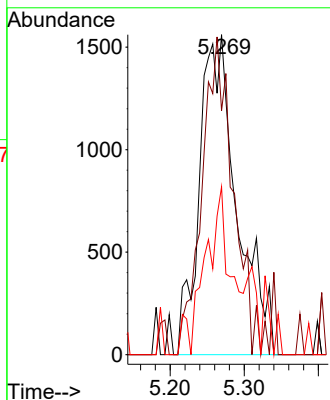
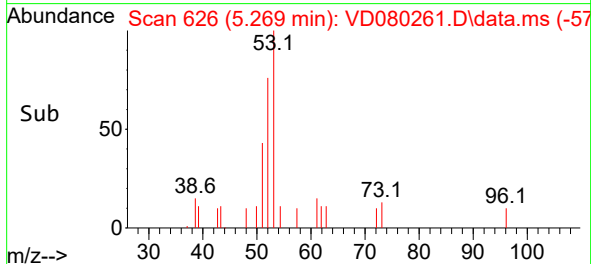
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 53 Resp: 5532
Ion Ratio Lower Upper
53 100
52 81.9 65.9 98.9
51 36.5 30.1 45.1

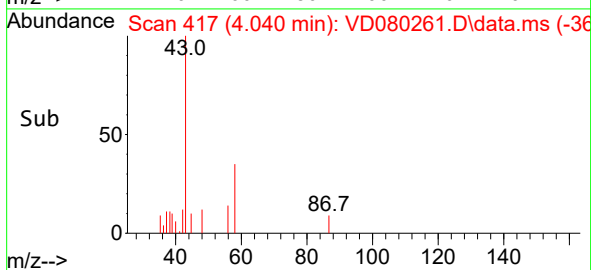
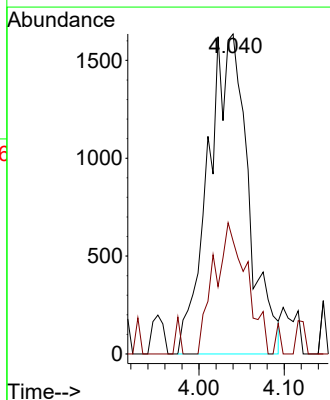
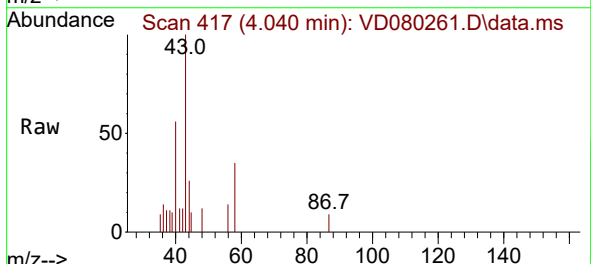
Manual Integrations
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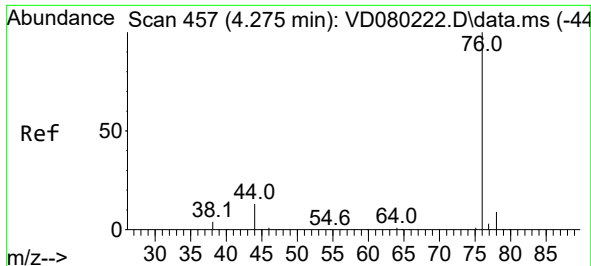
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#16
Acetone
Concen: 26.657 ug/l
RT: 4.040 min Scan# 417
Delta R.T. 0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

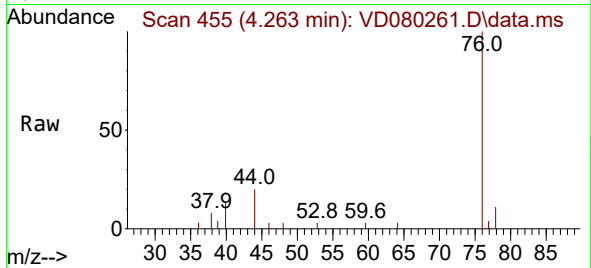
Tgt Ion: 43 Resp: 5376
Ion Ratio Lower Upper
43 100
58 25.7 29.5 44.3#





#17
Carbon Disulfide
Concen: 4.007 ug/l
RT: 4.263 min Scan# 41
Delta R.T. -0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

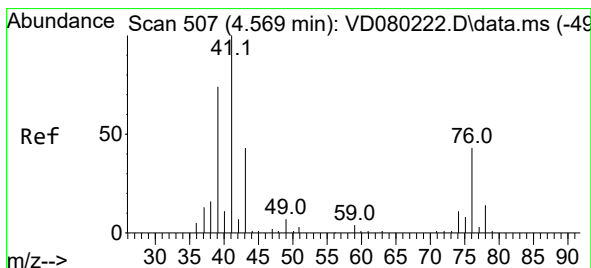
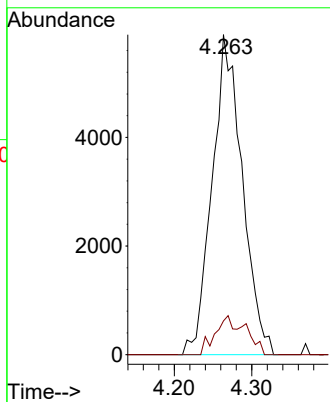
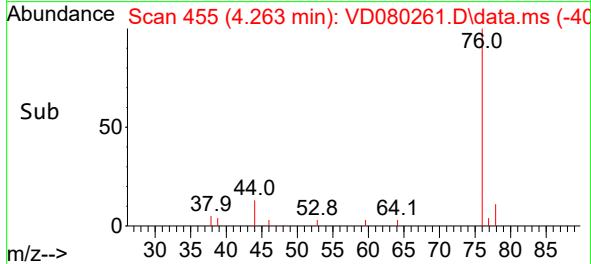
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 76 Resp: 1592
Ion Ratio Lower Upper
76 100
78 10.6 7.0 10.4

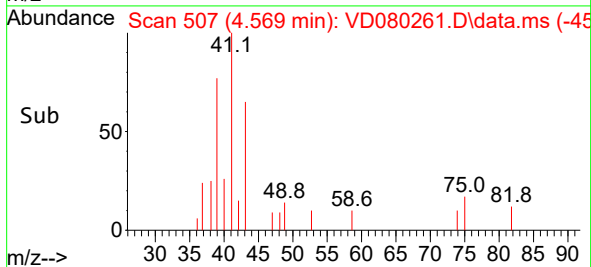
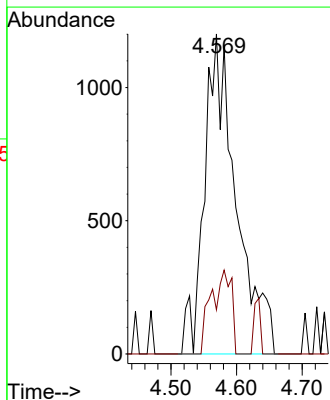
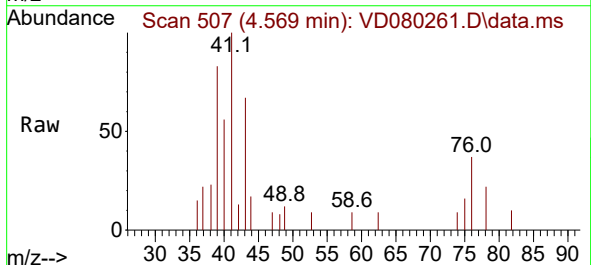
Manual Integrations
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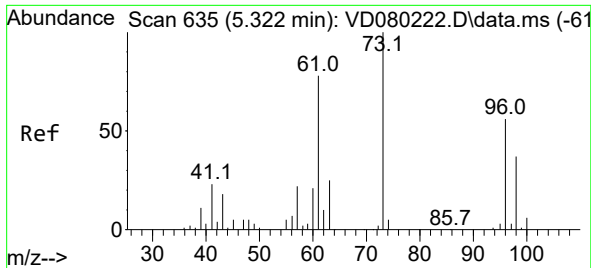
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#18
Methyl Acetate
Concen: 5.972 ug/l
RT: 4.569 min Scan# 507
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

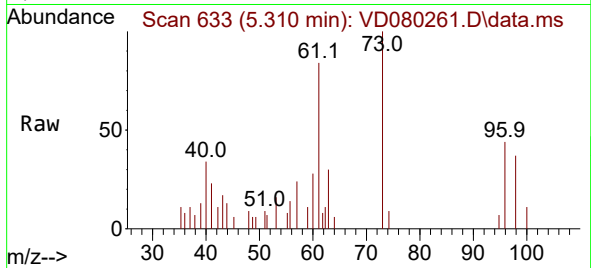
Tgt Ion: 43 Resp: 4064
Ion Ratio Lower Upper
43 100
74 16.6 19.4 29.2





#19
Methyl tert-butyl Ether
Concen: 3.835 ug/l m
RT: 5.310 min Scan# 61
Delta R.T. -0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

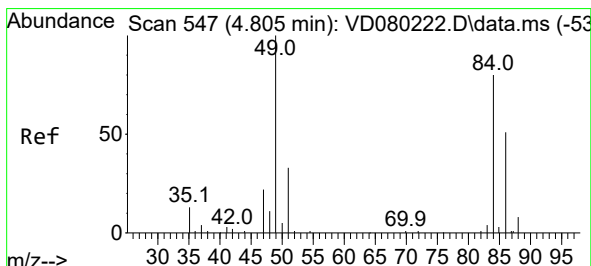
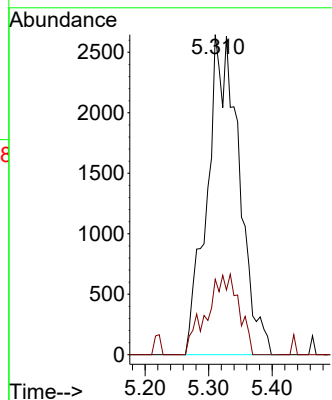
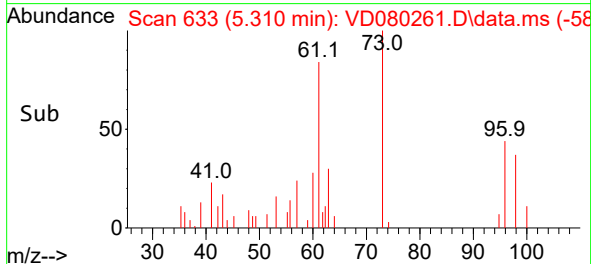
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 73 Resp: 930
Ion Ratio Lower Upper
73 100
57 23.6 17.8 26.8

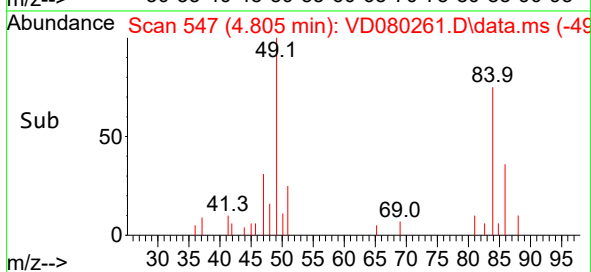
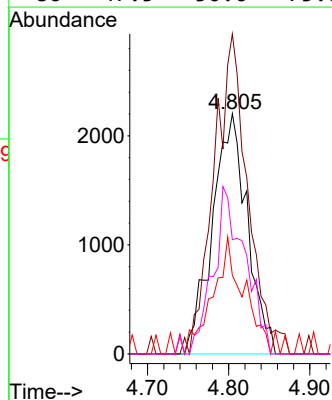
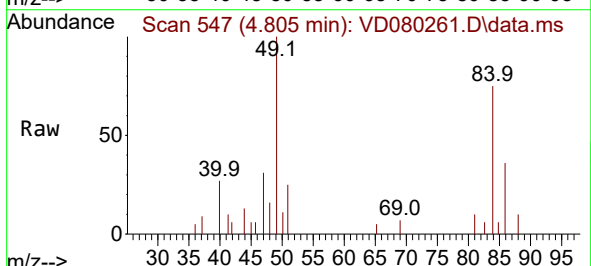
Manual Integrations
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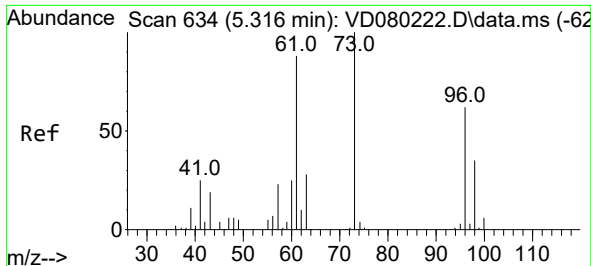
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#20
Methylene Chloride
Concen: 4.813 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

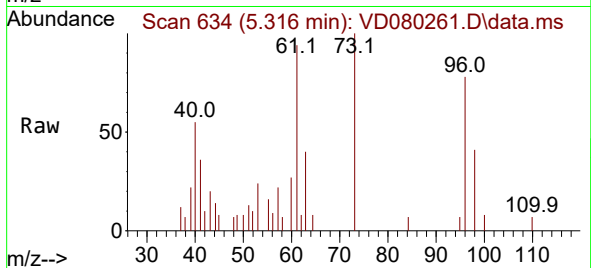
Tgt Ion: 84 Resp: 6587
Ion Ratio Lower Upper
84 100
49 133.1 99.4 149.2
51 32.7 32.6 49.0
86 47.5 50.6 75.8#





#21
trans-1,2-Dichloroethene
Concen: 3.984 ug/l
RT: 5.316 min Scan# 611
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

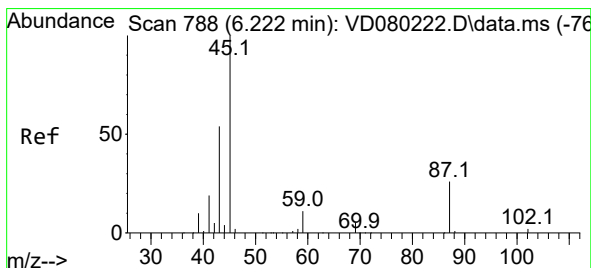
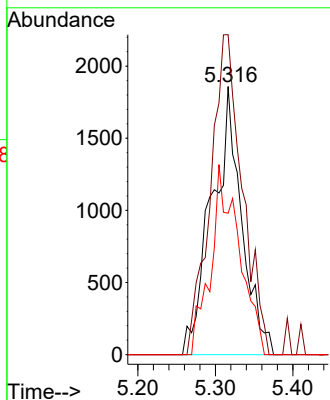
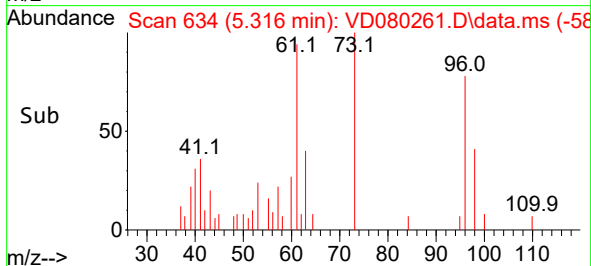
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



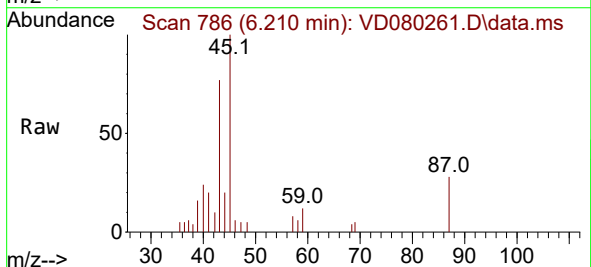
Tgt Ion: 96 Resp: 4980
Ion Ratio Lower Upper
96 100
61 119.3 113.7 170.5
98 52.7 45.4 68.2

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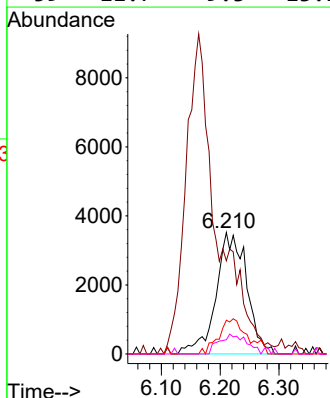
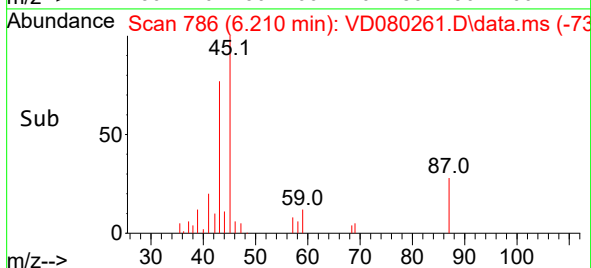
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

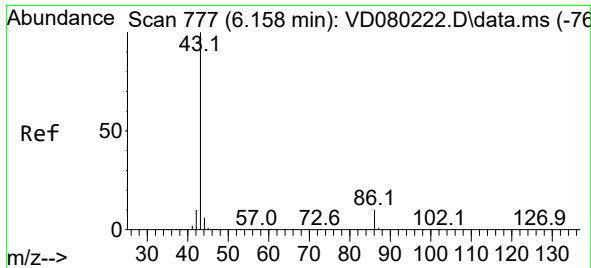


#22
Diisopropyl ether
Concen: 3.603 ug/l
RT: 6.210 min Scan# 786
Delta R.T. -0.012 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



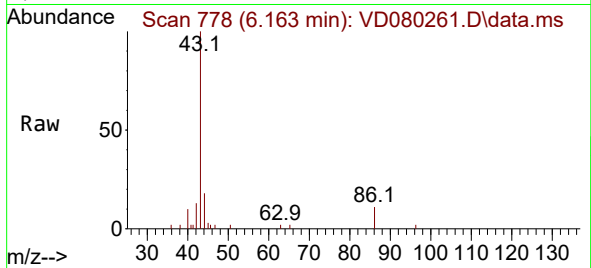
Tgt Ion: 45 Resp: 12728
Ion Ratio Lower Upper
45 100
43 69.7 44.3 66.5#
87 27.8 20.5 30.7
59 11.7 9.3 13.9





#23
 Vinyl Acetate
 Concen: 16.595 ug/l m
 RT: 6.163 min Scan# 777
 Delta R.T. 0.006 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

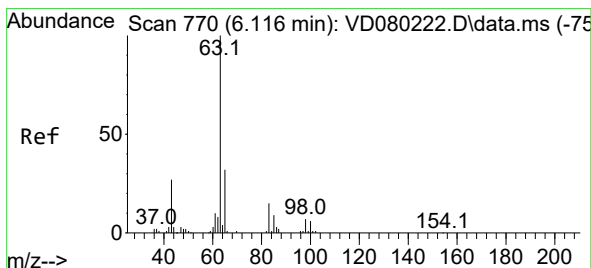
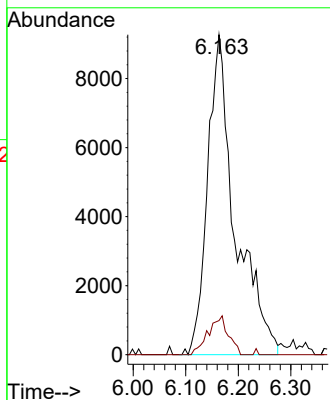
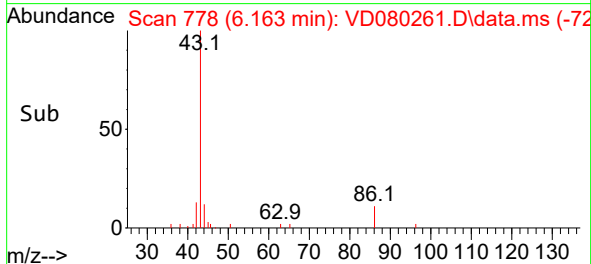
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 33850
 Ion Ratio Lower Upper
 43 100
 86 10.7 8.1 12.1

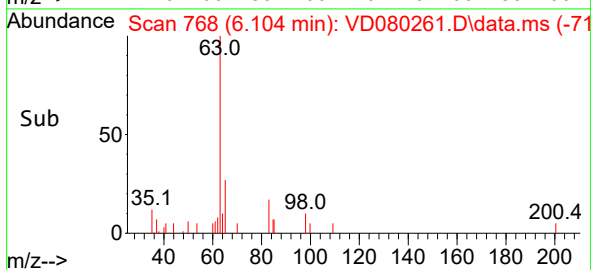
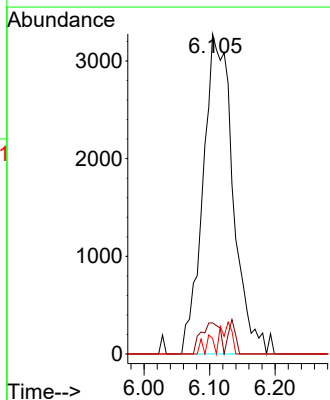
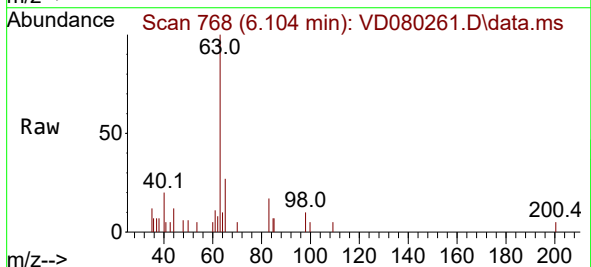
Manual Integrations
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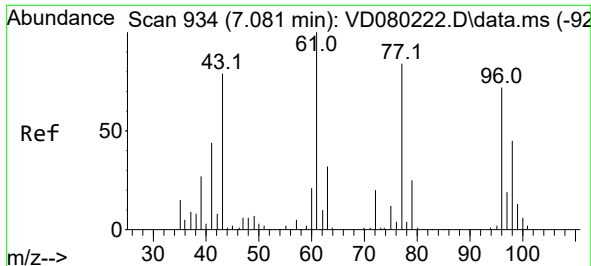
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#24
 1,1-Dichloroethane
 Concen: 4.505 ug/l
 RT: 6.104 min Scan# 768
 Delta R.T. -0.012 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

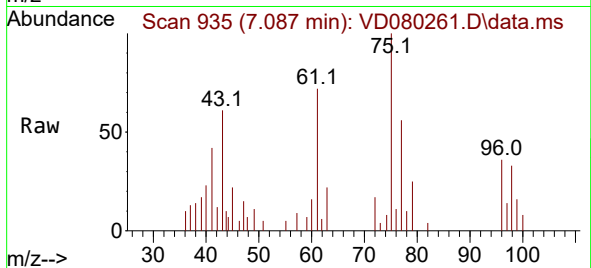
Tgt Ion: 63 Resp: 10433
 Ion Ratio Lower Upper
 63 100
 98 9.7 3.5 10.5
 100 4.9 2.8 8.4





#25
2-Butanone
Concen: 20.108 ug/l
RT: 7.087 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

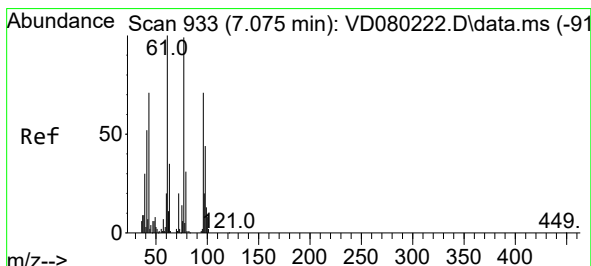
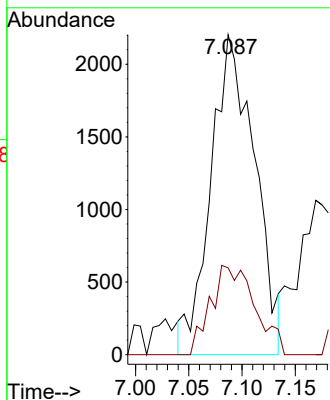
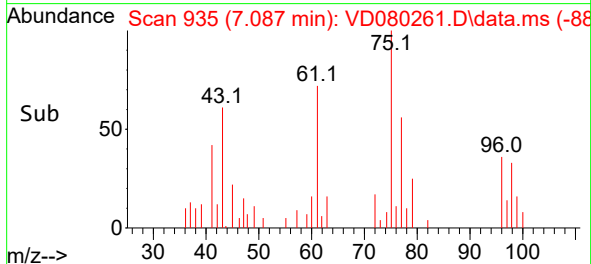
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



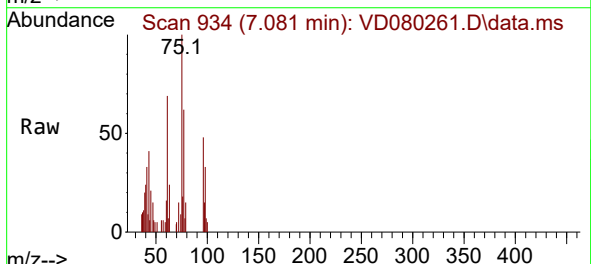
Tgt Ion: 43 Resp: 6290
Ion Ratio Lower Upper
43 100
72 22.6 19.9 29.9

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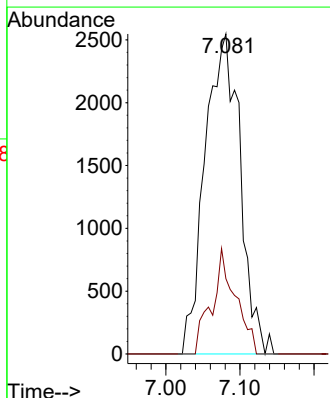
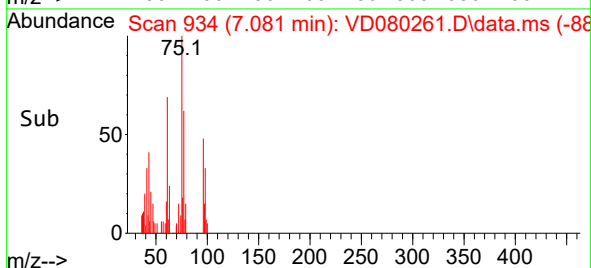
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

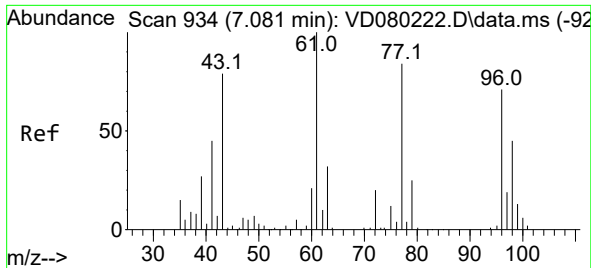


#26
2,2-Dichloropropane
Concen: 4.174 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



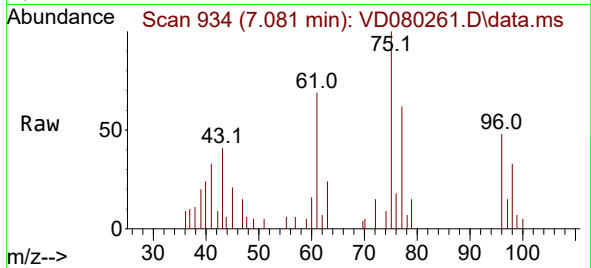
Tgt Ion: 77 Resp: 8385
Ion Ratio Lower Upper
77 100
97 22.3 11.3 33.8





#27
 cis-1,2-Dichloroethene
 Concen: 3.467 ug/l
 RT: 7.081 min Scan# 91
 Delta R.T. -0.000 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

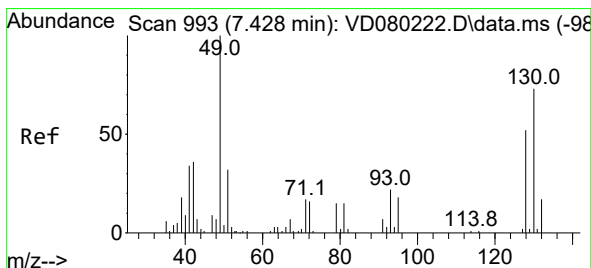
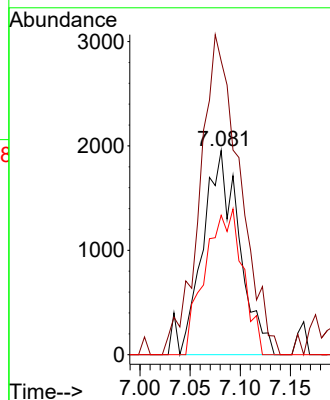
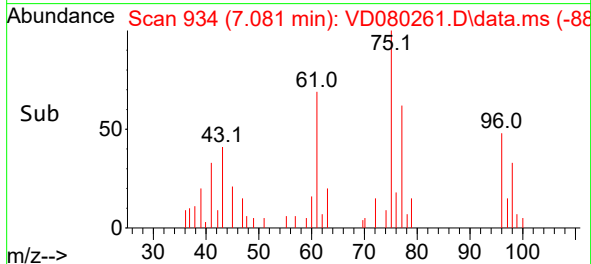
Instrument :
 MSVOA_D
 ClientSampleId :
 LOQ-SOIL-03-QT1-2025



Tgt Ion: 96 Resp: 490
 Ion Ratio Lower Upper
 96 100
 61 174.2 0.0 297.4
 98 74.2 0.0 131.0

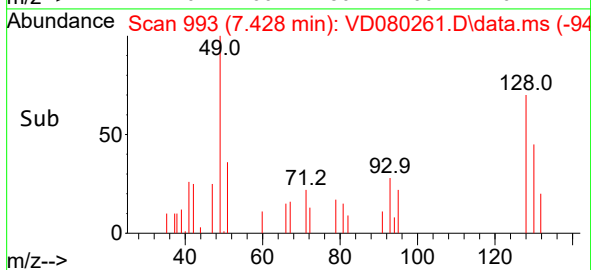
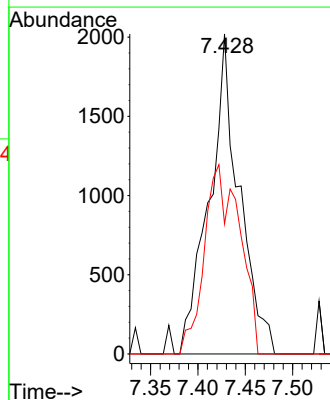
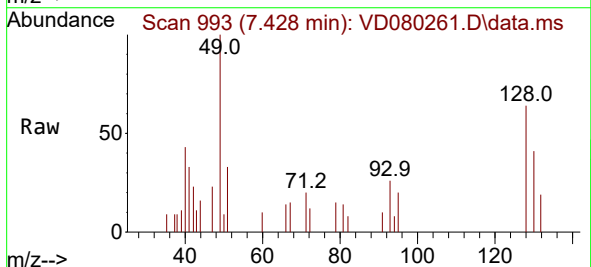
Manual Integrations
 APPROVED

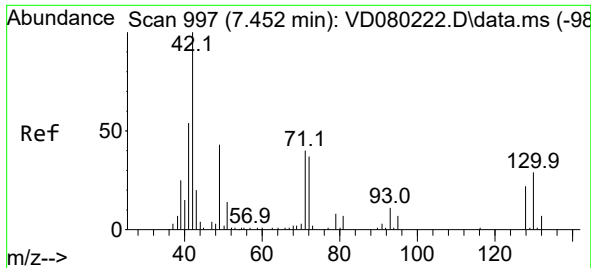
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025



#28
 Bromochloromethane
 Concen: 4.200 ug/l
 RT: 7.428 min Scan# 993
 Delta R.T. -0.000 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

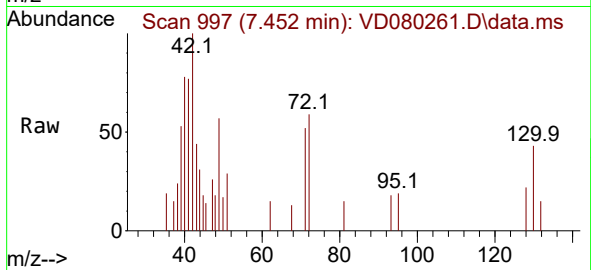
Tgt Ion: 49 Resp: 4439
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 1.8
 130 70.0 55.3 82.9





#29
Tetrahydrofuran
Concen: 18.850 ug/l
RT: 7.452 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

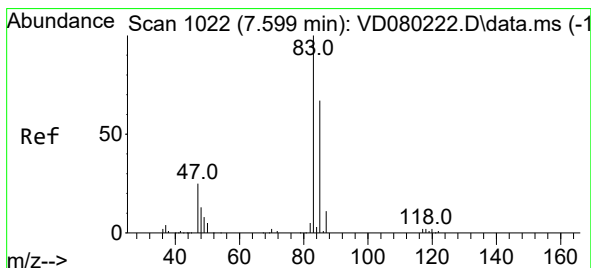
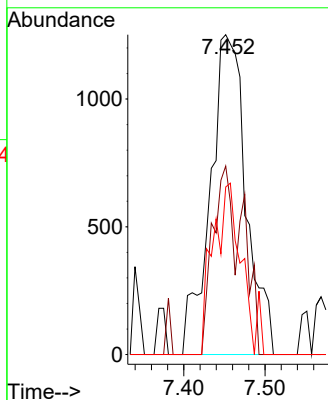
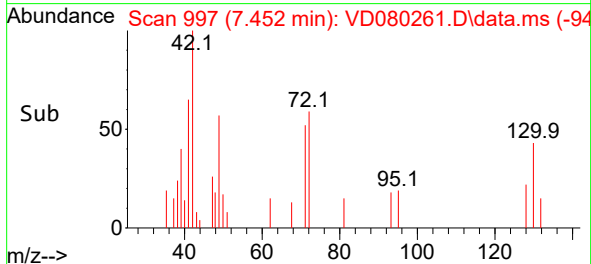
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 42 Resp: 3862
Ion Ratio Lower Upper
42 100
72 32.5 33.5 50.3
71 40.3 32.9 49.3

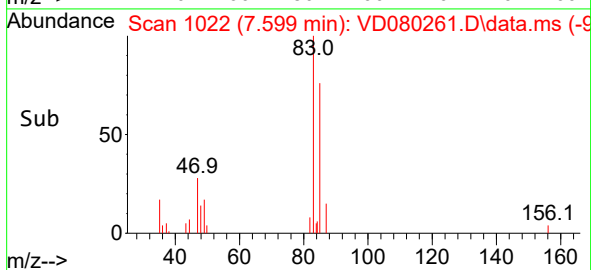
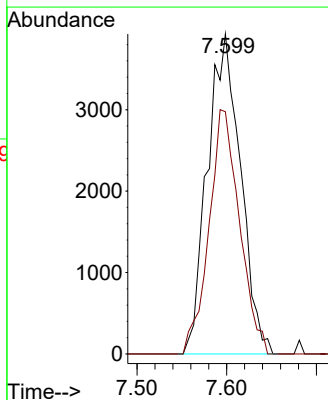
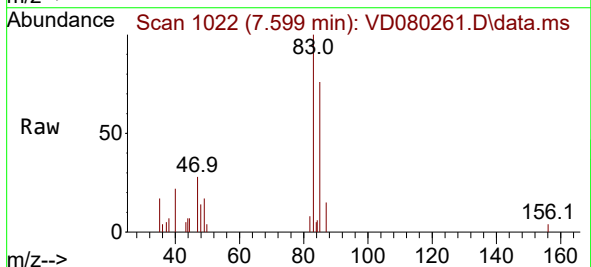
Manual Integrations
APPROVED

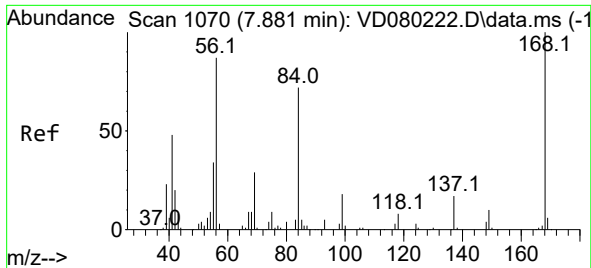
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#30
Chloroform
Concen: 4.259 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

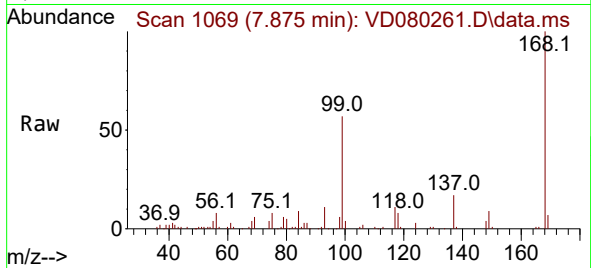
Tgt Ion: 83 Resp: 10084
Ion Ratio Lower Upper
83 100
85 75.7 53.7 80.5





#31
Cyclohexane
Concen: 4.640 ug/l
RT: 7.875 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

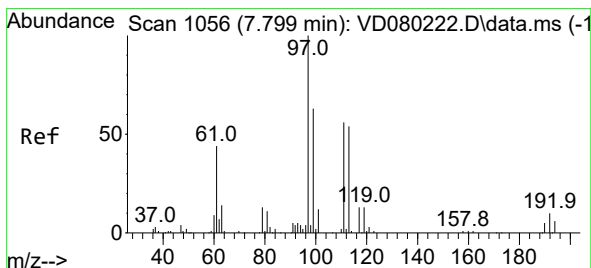
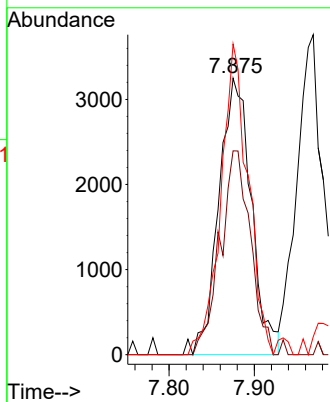
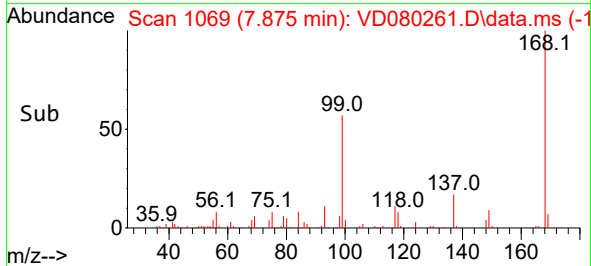
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion: 56 Resp: 860
Ion Ratio Lower Upper
56 100
69 73.7 27.0 40.4
84 112.4 66.3 99.5

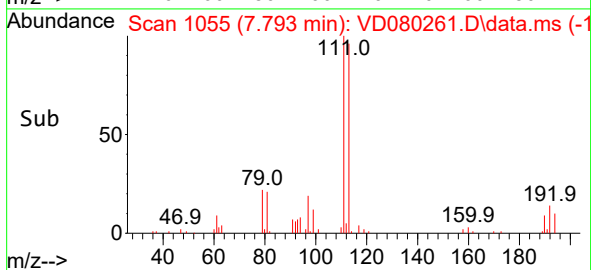
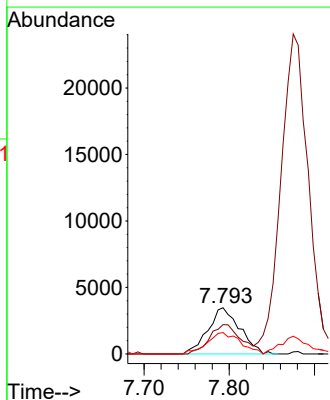
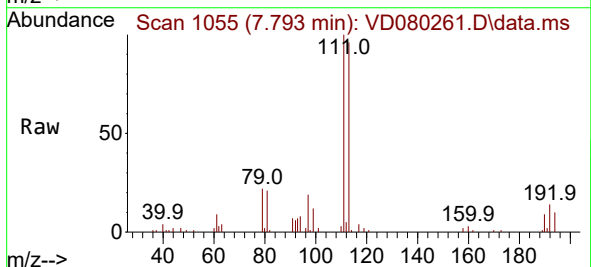
Manual Integrations
APPROVED

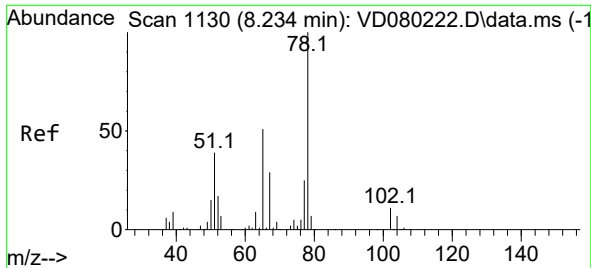
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#32
1,1,1-Trichloroethane
Concen: 4.542 ug/l
RT: 7.793 min Scan# 1055
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion: 97 Resp: 8997
Ion Ratio Lower Upper
97 100
99 60.9 51.3 76.9
61 47.8 37.4 56.0





#33

1,2-Dichloroethane-d4

Concen: 54.400 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion: 65 Resp: 6807

Ion Ratio Lower Upper

65 100

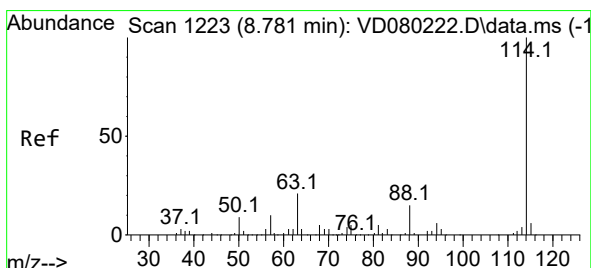
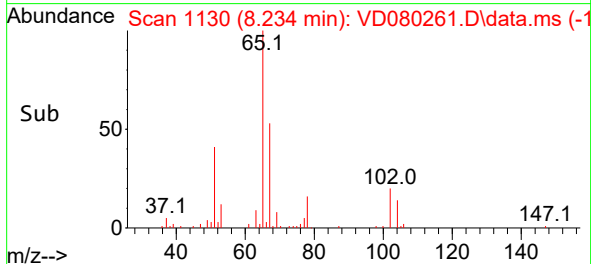
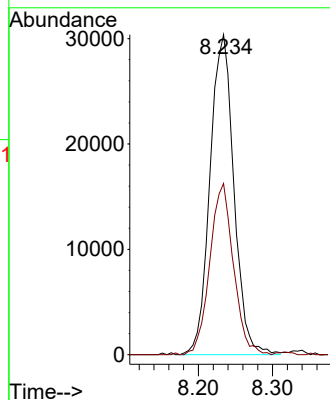
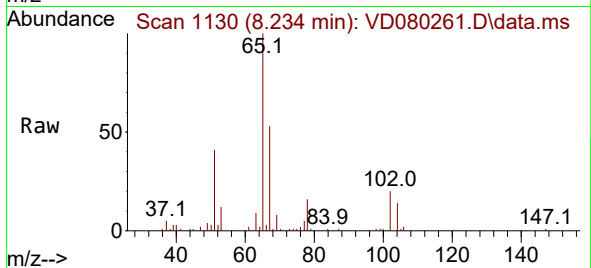
67 52.7 0.0 107.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

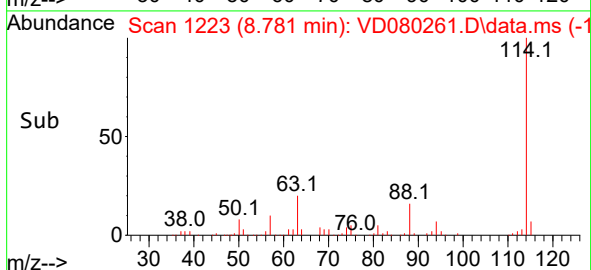
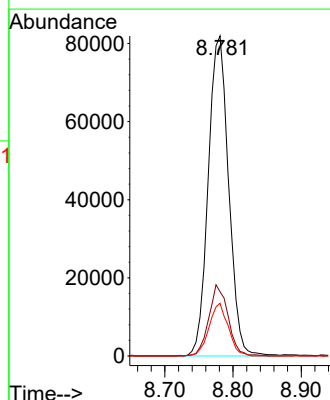
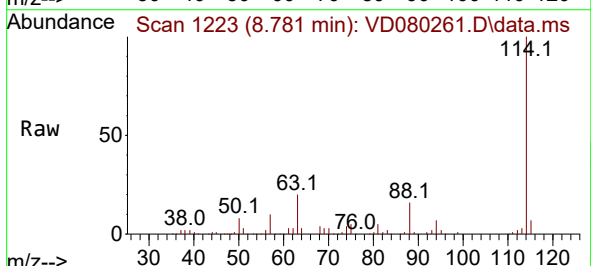
Tgt Ion:114 Resp: 170550

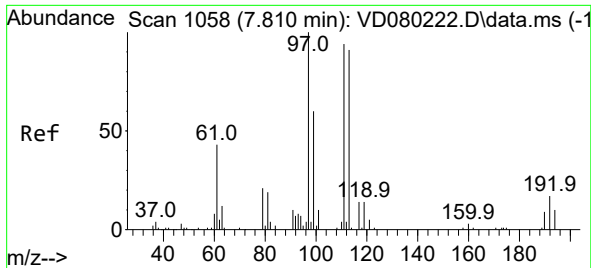
Ion Ratio Lower Upper

114 100

63 20.0 0.0 41.8

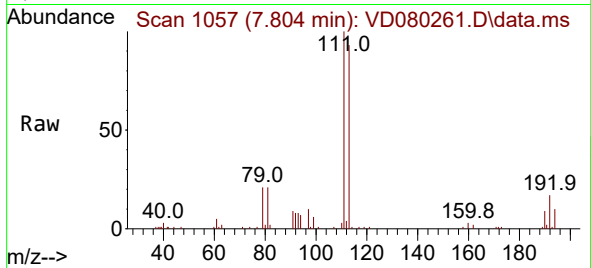
88 16.4 0.0 30.4





#35
Dibromofluoromethane
Concen: 51.562 ug/l
RT: 7.804 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

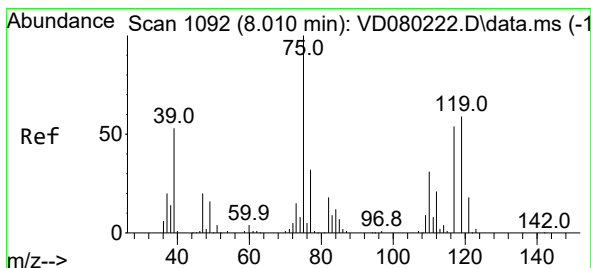
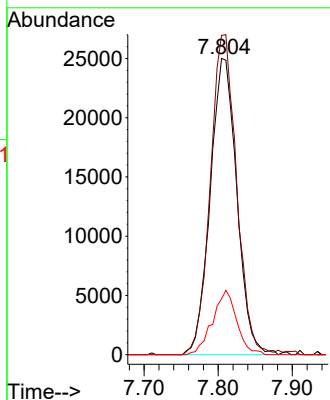
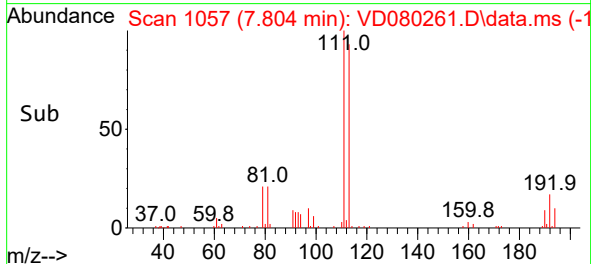
Instrument : MSVOA_D
ClientSampleId : VD080261.D
LOQ-SOIL-03-QT1-2025



Tgt Ion: 113 Resp: 6232
Ion Ratio Lower Upper
113 100
111 106.5 85.0 127.4
192 19.8 15.5 23.3

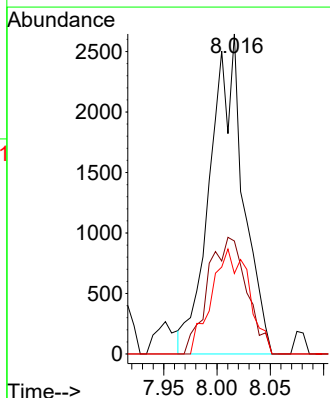
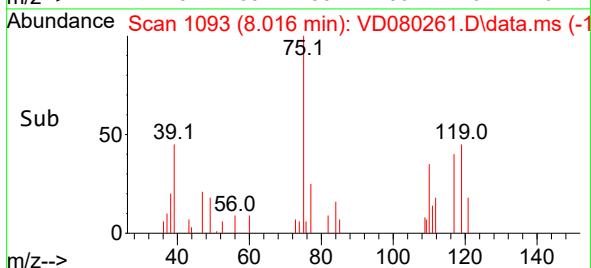
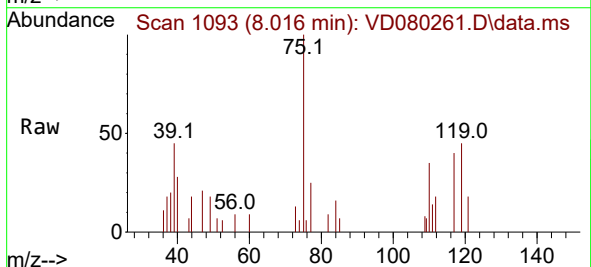
Manual Integrations
APPROVED

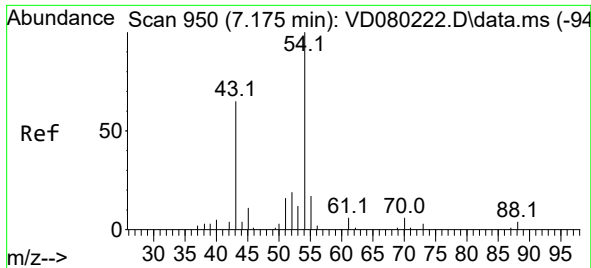
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#36
1,1-Dichloropropene
Concen: 3.317 ug/l
RT: 8.016 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

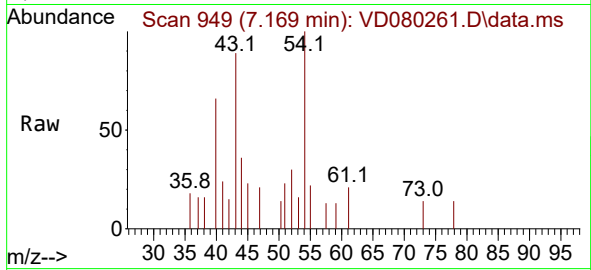
Tgt Ion: 75 Resp: 5743
Ion Ratio Lower Upper
75 100
110 42.6 17.1 51.2
77 36.8 25.6 38.4





#37
Ethyl Acetate
Concen: 4.263 ug/l
RT: 7.169 min Scan# 949
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

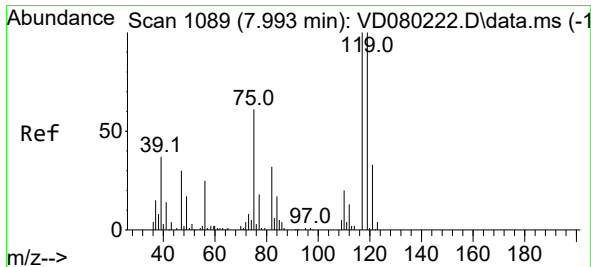
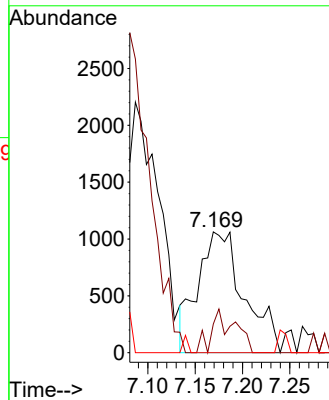
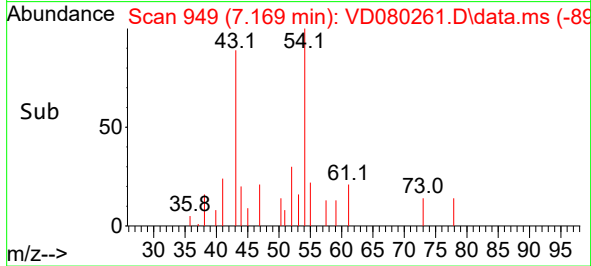
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 3619
Ion Ratio Lower Upper
43 100
61 11.9 11.4 17.0
70 0.0 8.2 12.2

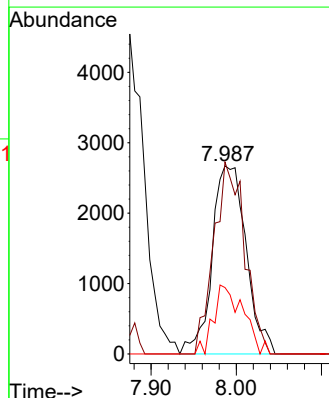
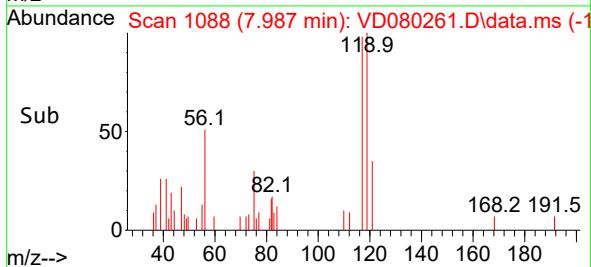
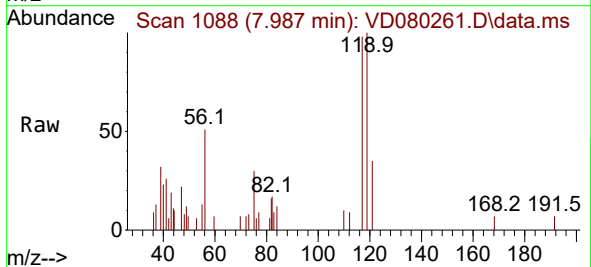
Manual Integrations
APPROVED

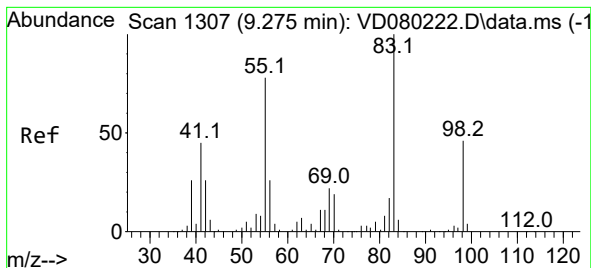
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#38
Carbon Tetrachloride
Concen: 4.104 ug/l
RT: 7.987 min Scan# 1088
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:117 Resp: 7421
Ion Ratio Lower Upper
117 100
119 101.9 79.8 119.6
121 35.3 26.6 39.8





#39

Methylcyclohexane

Concen: 3.364 ug/l

RT: 9.269 min Scan# 11306

Delta R.T. -0.006 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

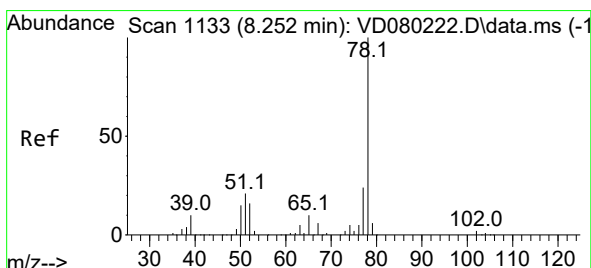
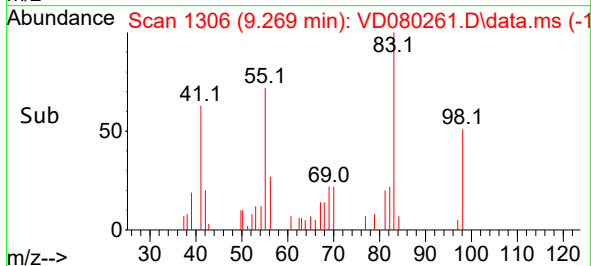
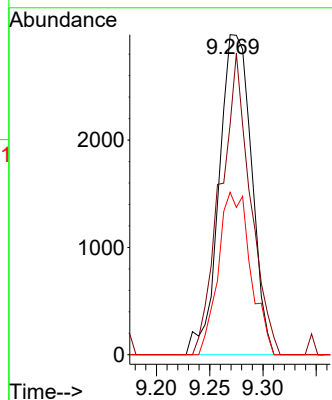
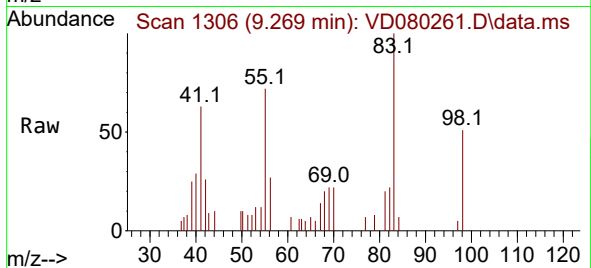
Tgt Ion: 83 Resp: 6328

Ion	Ratio	Lower	Upper
83	100		
55	72.0	62.5	93.7
98	50.7	37.1	55.7

Manual Integrations

APPROVED

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



#40

Benzene

Concen: 3.681 ug/l

RT: 8.251 min Scan# 1133

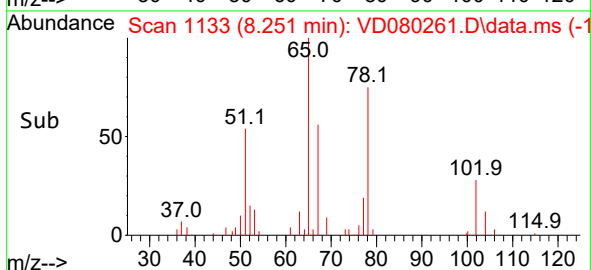
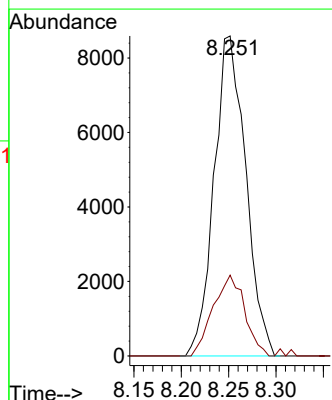
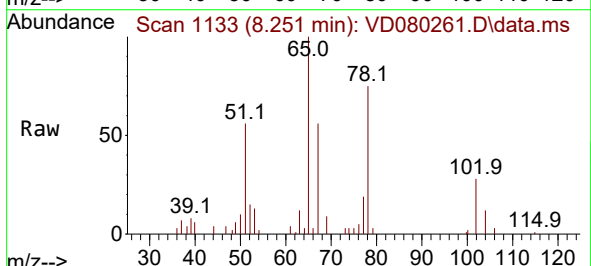
Delta R.T. -0.000 min

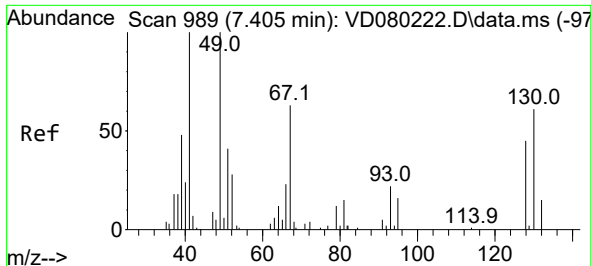
Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Tgt Ion: 78 Resp: 19974

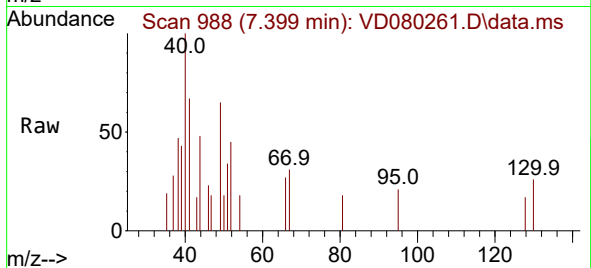
Ion	Ratio	Lower	Upper
78	100		
77	25.2	19.2	28.8





#41
Methacrylonitrile
Concen: 2.675 ug/l
RT: 7.399 min Scan# 989
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

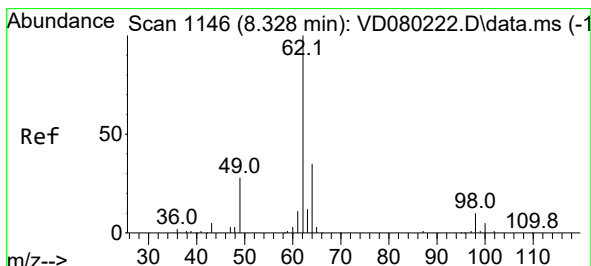
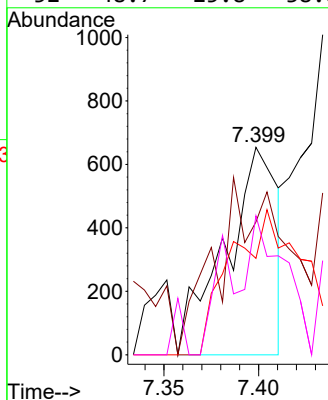
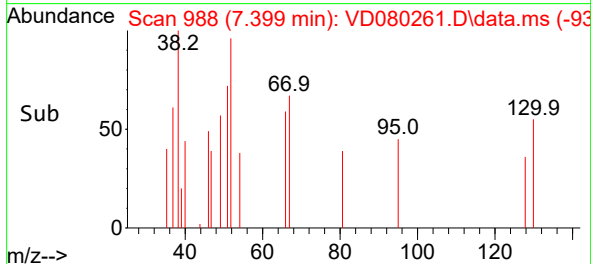
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 41 Resp: 1250
Ion Ratio Lower Upper
41 100
39 0.0 44.7 67.1
67 106.0 55.0 82.4
52 48.7 25.8 38.8

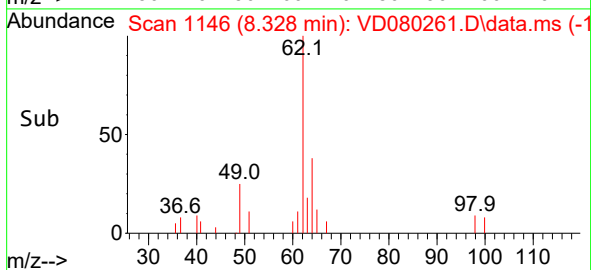
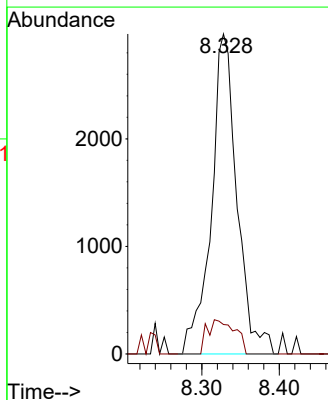
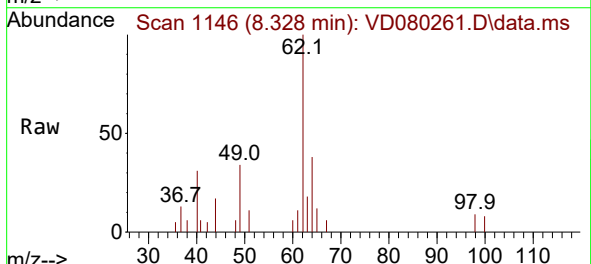
Manual Integrations
APPROVED

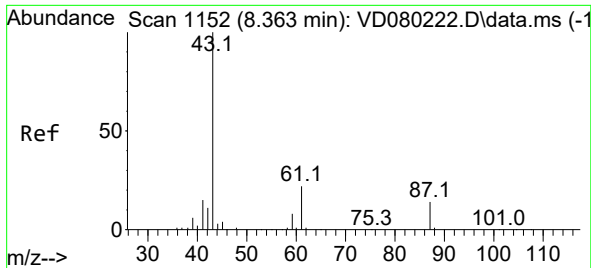
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#42
1,2-Dichloroethane
Concen: 4.438 ug/l
RT: 8.328 min Scan# 1146
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

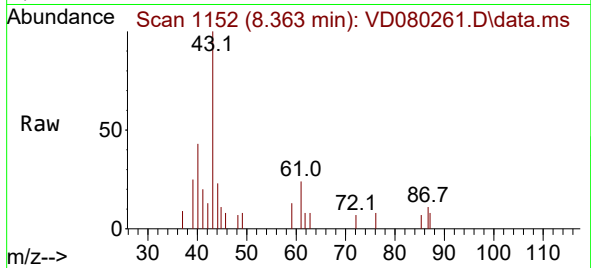
Tgt Ion: 62 Resp: 6854
Ion Ratio Lower Upper
62 100
98 11.6 0.0 18.4





#43
Isopropyl Acetate
Concen: 3.928 ug/l
RT: 8.363 min Scan# 1152
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

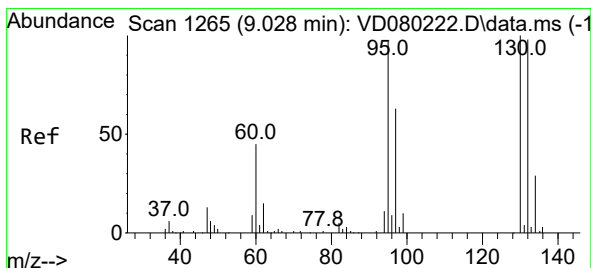
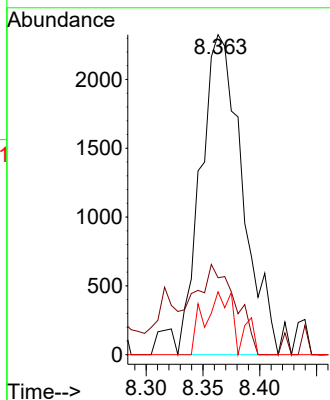
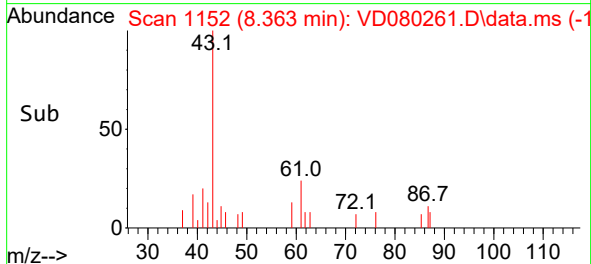
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 5918
Ion Ratio Lower Upper
43 100
61 28.3 25.0 37.4
87 15.5 10.7 16.1

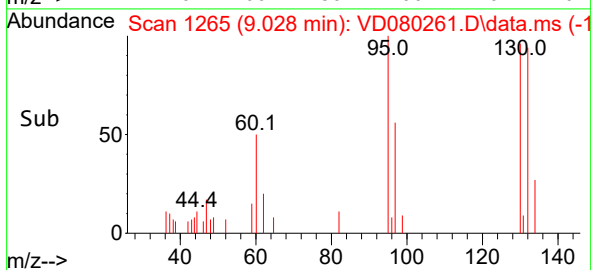
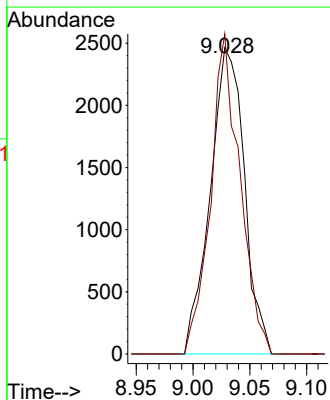
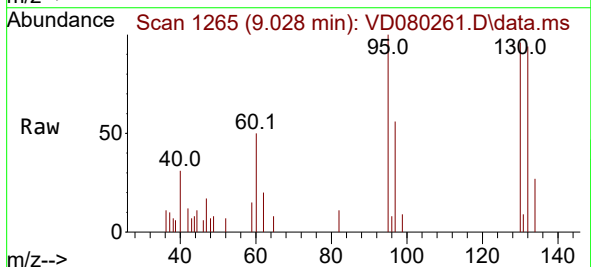
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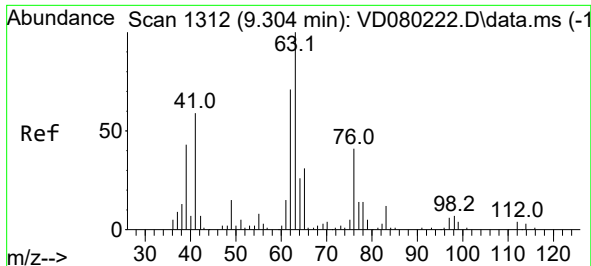
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#44
Trichloroethene
Concen: 4.105 ug/l
RT: 9.028 min Scan# 1265
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:130 Resp: 5146
Ion Ratio Lower Upper
130 100
95 104.5 0.0 194.2





#45

1,2-Dichloropropane

Concen: 3.943 ug/l

RT: 9.304 min Scan# 1312

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion: 63 Resp: 538

Ion Ratio Lower Upper

63 100

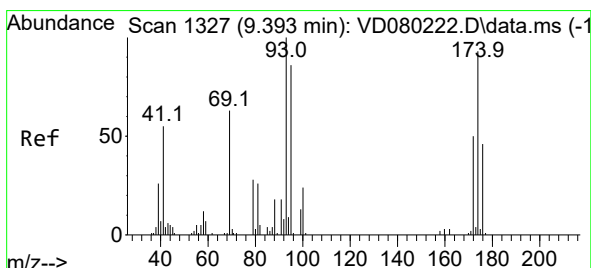
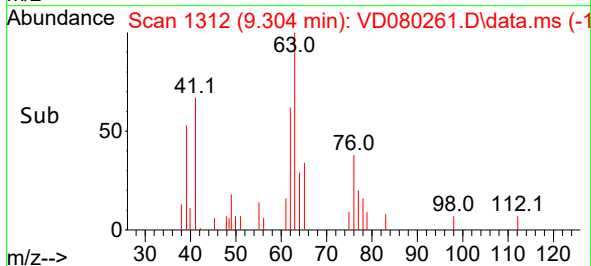
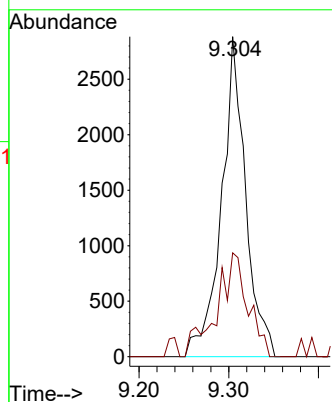
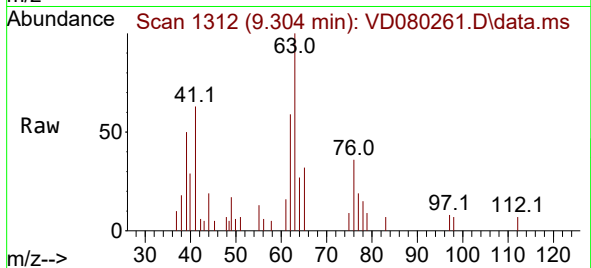
65 32.5 24.6 36.8

Manual Integrations

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Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#46

Dibromomethane

Concen: 4.070 ug/l

RT: 9.398 min Scan# 1328

Delta R.T. 0.006 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

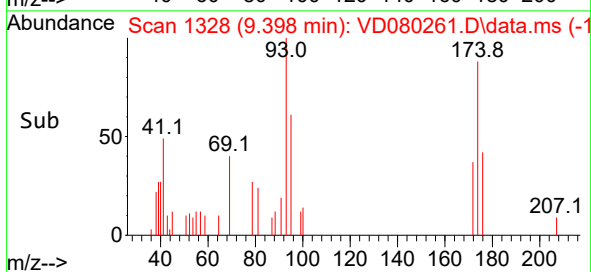
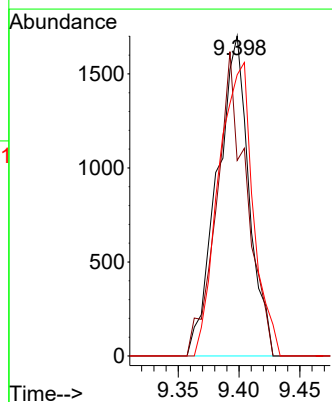
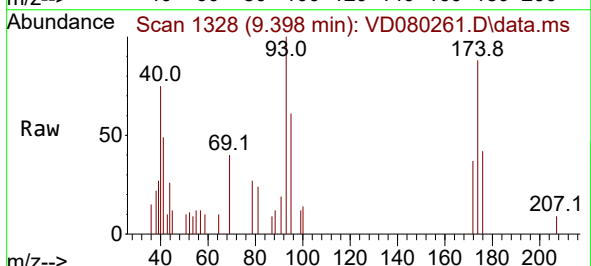
Tgt Ion: 93 Resp: 3095

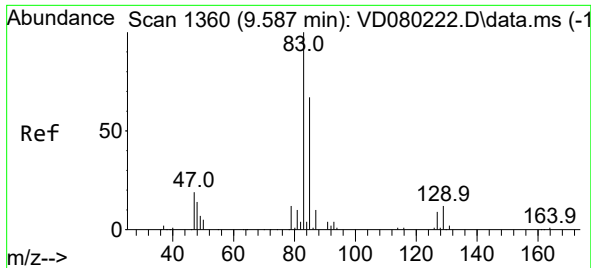
Ion Ratio Lower Upper

93 100

95 88.8 66.8 100.2

174 99.5 76.8 115.2





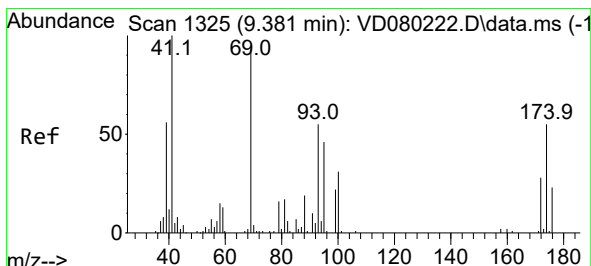
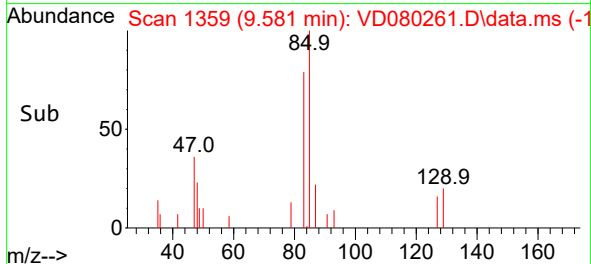
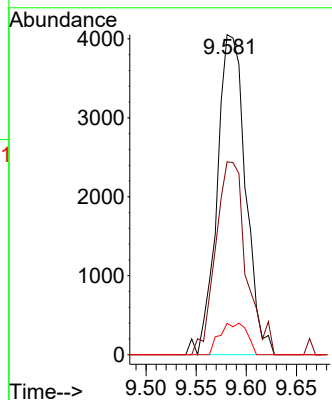
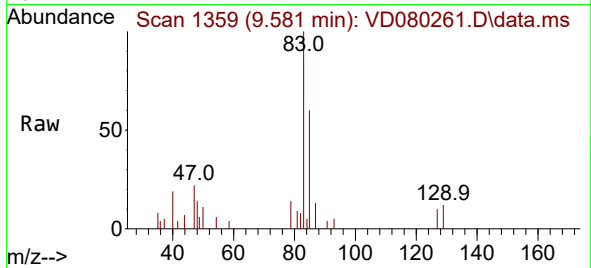
#47
Bromodichloromethane
Concen: 4.188 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Instrument : MSVOA_D
ClientSampleId : VD080261.D
LOQ-SOIL-03-QT1-2025

Tgt Ion: 83 Resp: 803
Ion Ratio Lower Upper
83 100
85 60.2 53.6 80.4
127 9.8 7.4 11.2

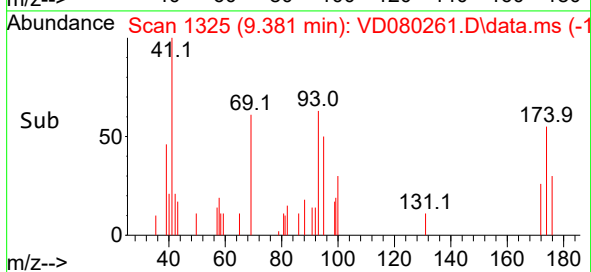
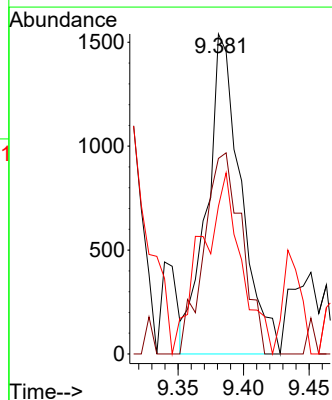
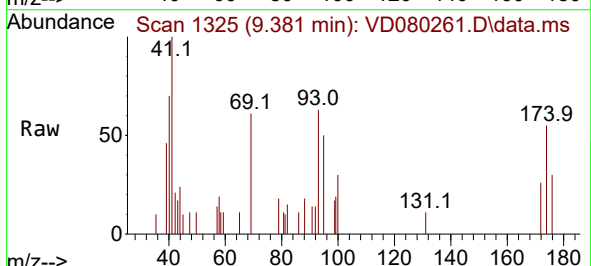
Manual Integrations
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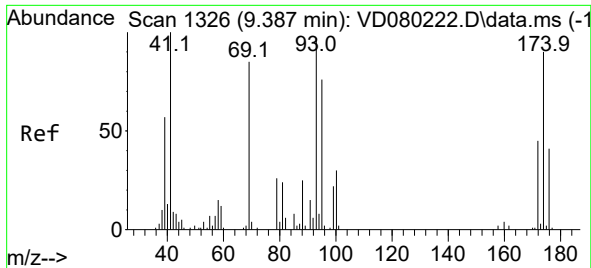
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#48
Methyl methacrylate
Concen: 3.970 ug/l
RT: 9.381 min Scan# 1325
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion: 41 Resp: 2768
Ion Ratio Lower Upper
41 100
69 70.1 73.7 110.5#
39 66.2 49.4 74.2





#49

1,4-Dioxane

Concen: 90.659 ug/l

RT: 9.393 min Scan# 1327

Delta R.T. 0.006 min

Lab File: VD080261.D

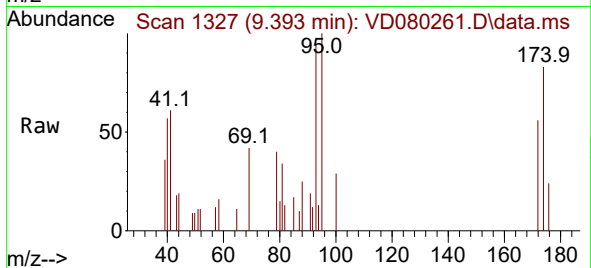
Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

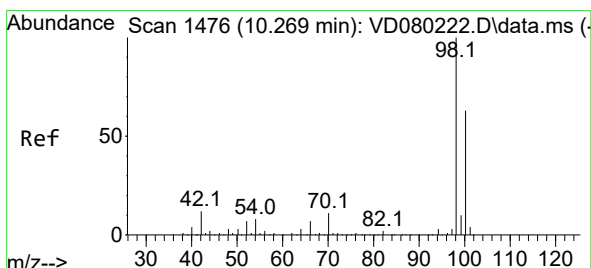
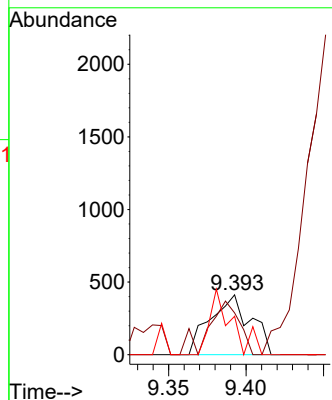
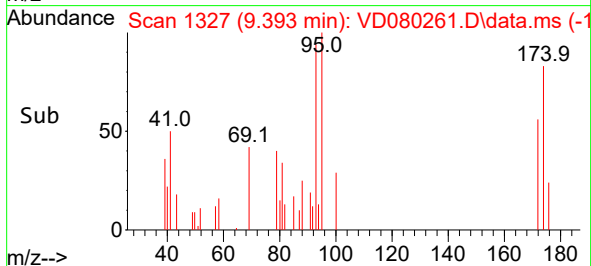


Tgt Ion: 88	Resp: 750
Ion Ratio	Lower Upper
88	100
43	68.4 28.5 42.7
58	60.1 56.3 84.5

Manual Integrations

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



#50

Toluene-d8

Concen: 49.618 ug/l

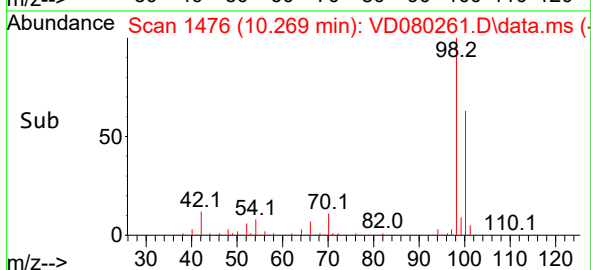
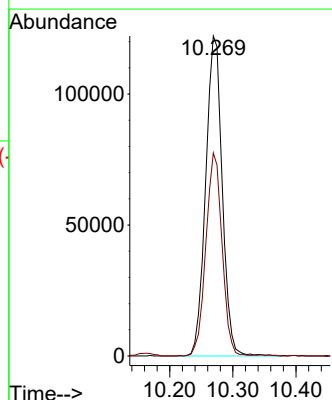
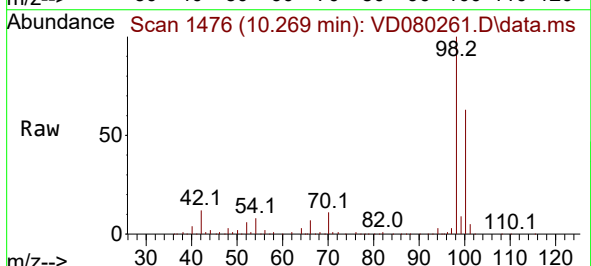
RT: 10.269 min Scan# 1476

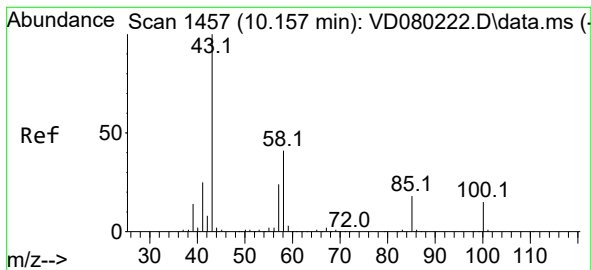
Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

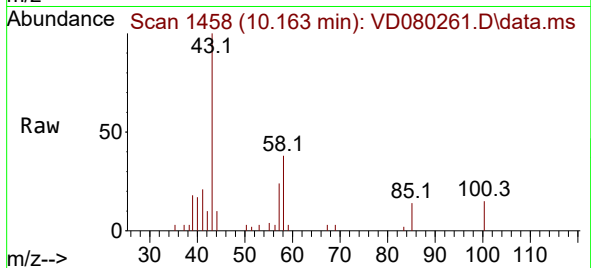
Tgt Ion: 98	Resp: 222415
Ion Ratio	Lower Upper
98	100
100	62.0 50.2 75.4





#51
4-Methyl-2-Pentanone
Concen: 17.427 ug/l
RT: 10.163 min Scan# 1457
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

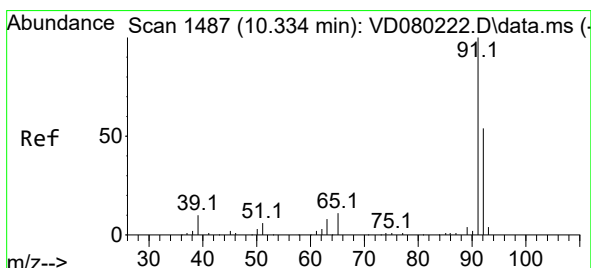
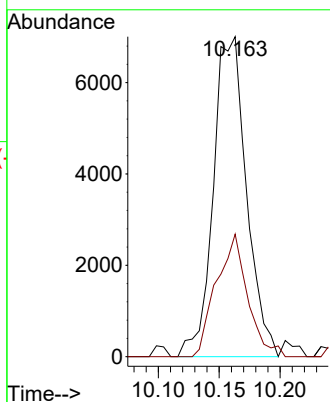
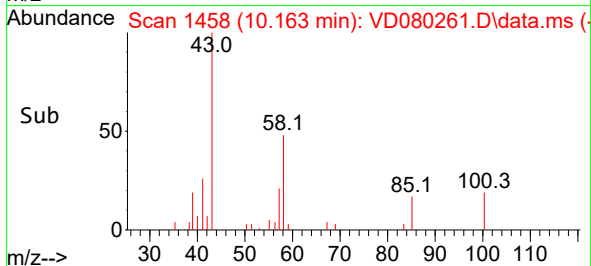
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 43 Resp: 1327
Ion Ratio Lower Upper
43 100
58 36.1 31.1 46.7

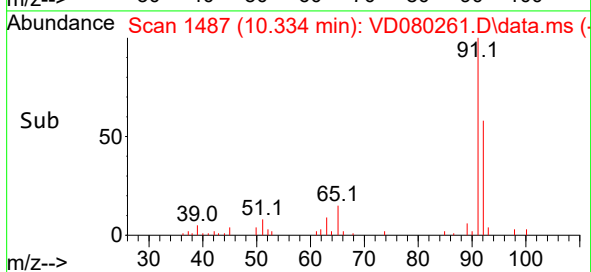
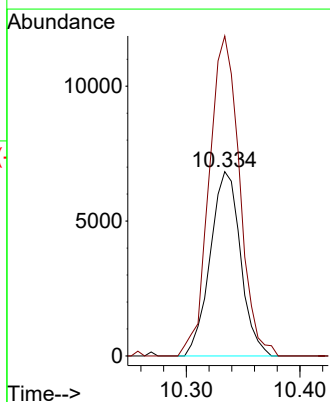
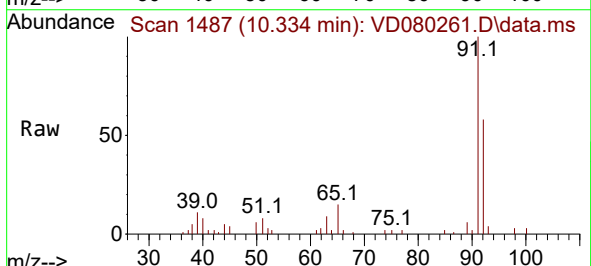
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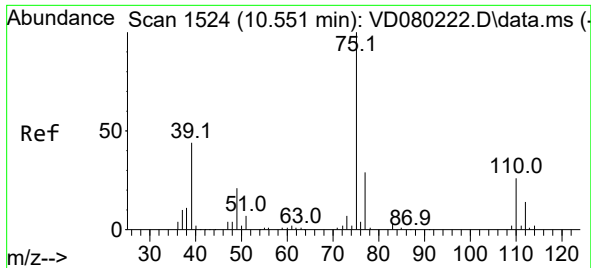
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#52
Toluene
Concen: 3.986 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

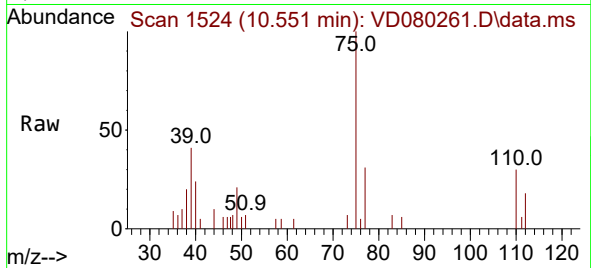
Tgt Ion: 92 Resp: 12653
Ion Ratio Lower Upper
92 100
91 174.3 144.7 217.1





#53
t-1,3-Dichloropropene
Concen: 4.139 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

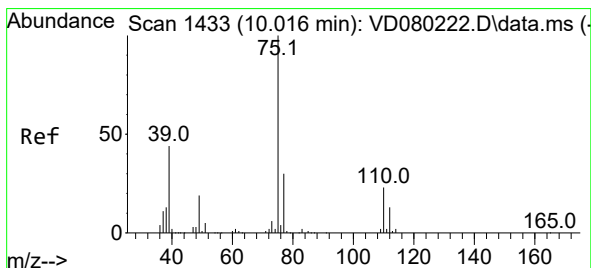
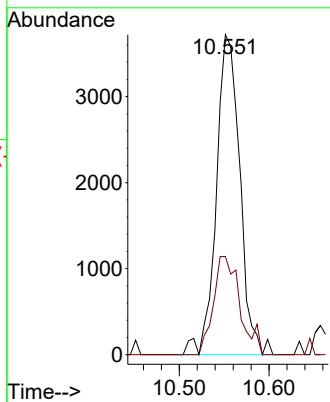
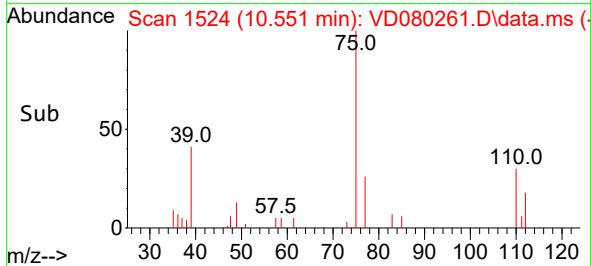
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



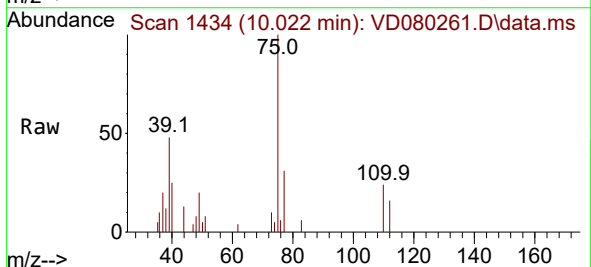
Tgt Ion: 75 Resp: 6760
Ion Ratio Lower Upper
75 100
77 30.7 23.0 34.4

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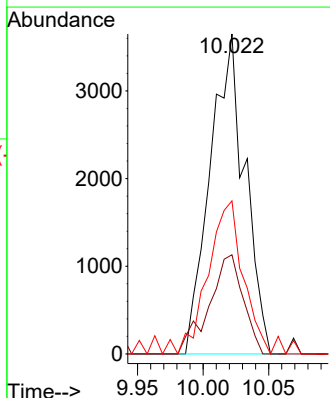
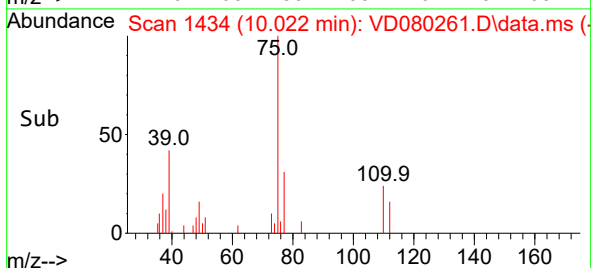
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

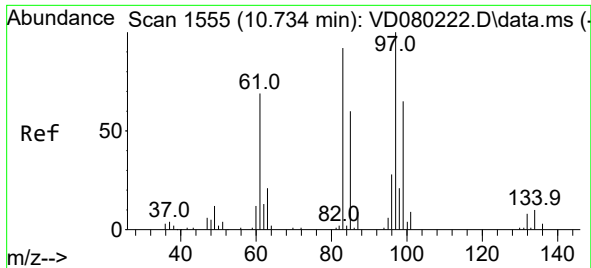


#54
cis-1,3-Dichloropropene
Concen: 3.385 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



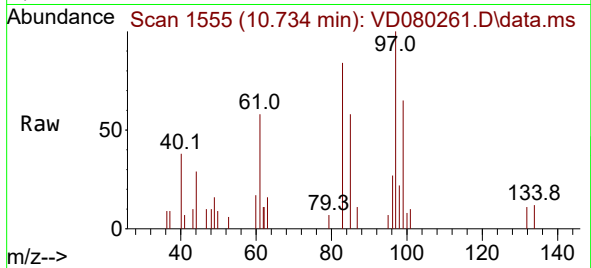
Tgt Ion: 75 Resp: 6732
Ion Ratio Lower Upper
75 100
77 31.0 24.1 36.1
39 47.9 35.1 52.7





#55
1,1,2-Trichloroethane
Concen: 4.195 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

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

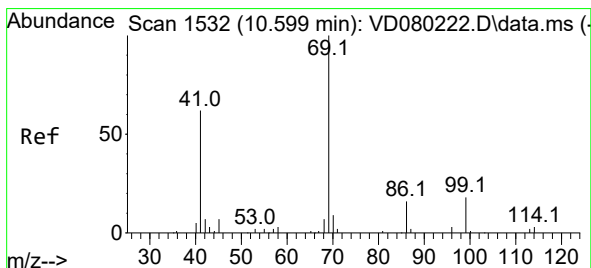
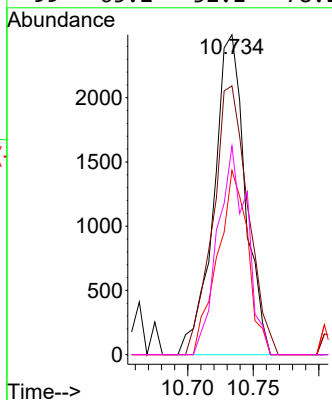
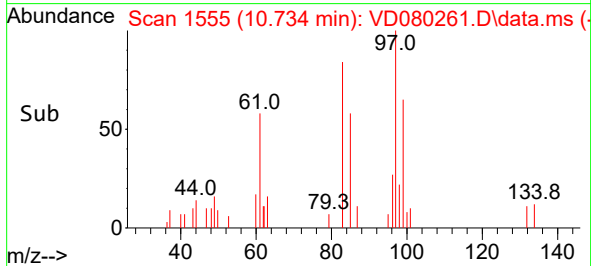


Tgt Ion: 97 Resp: 4145

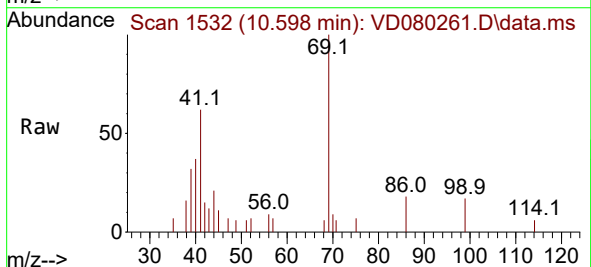
Ion	Ratio	Lower	Upper
97	100		
83	84.0	73.9	110.9
85	57.6	48.2	72.2
99	65.2	52.1	78.1

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

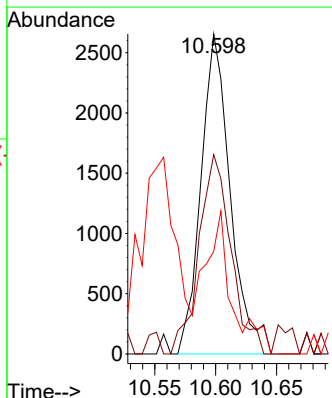
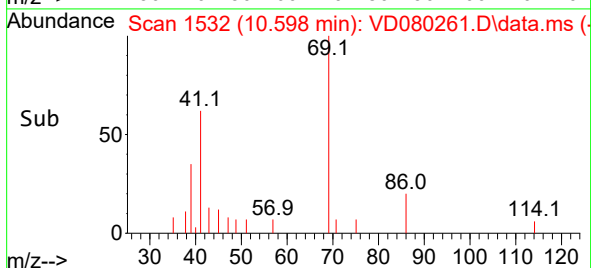


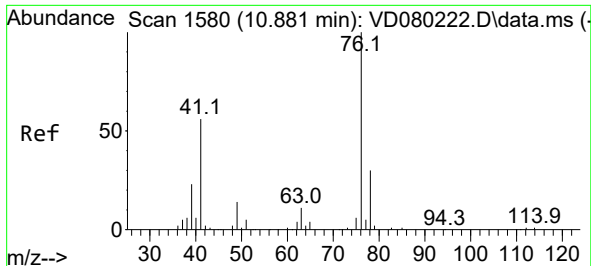
#56
Ethyl methacrylate
Concen: 3.960 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



Tgt Ion: 69 Resp: 4465

Ion	Ratio	Lower	Upper
69	100		
41	67.8	51.8	77.6
39	26.1	28.7	43.1





#57

1,3-Dichloropropane

Concen: 3.853 ug/l

RT: 10.881 min Scan# 1580

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion: 76 Resp: 629

Ion Ratio Lower Upper

76 100

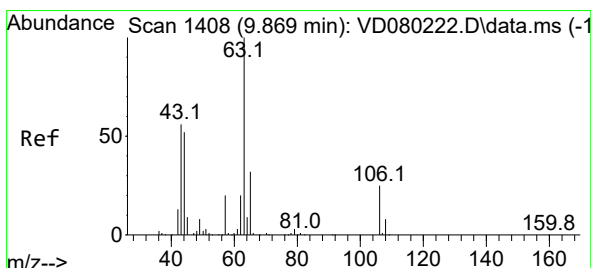
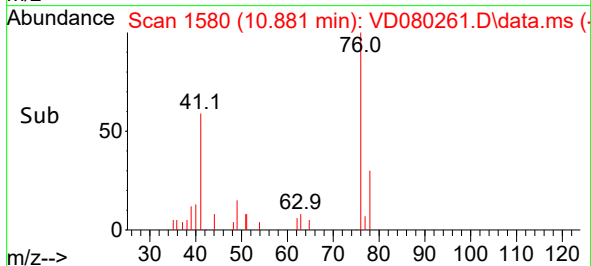
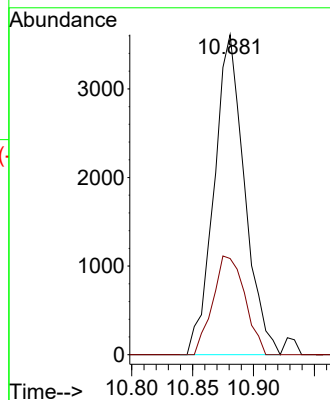
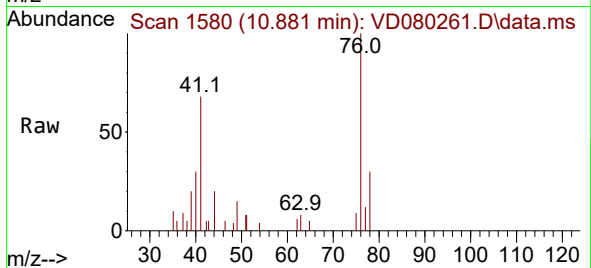
78 32.4 25.0 37.4

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#58

2-Chloroethyl Vinyl ether

Concen: 18.751 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. -0.000 min

Lab File: VD080261.D

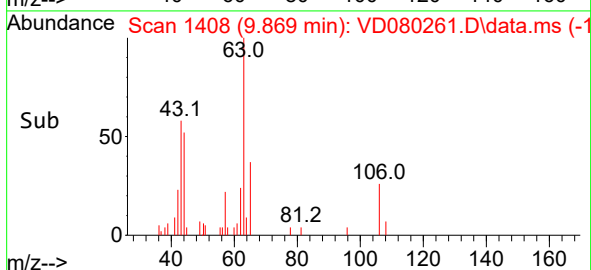
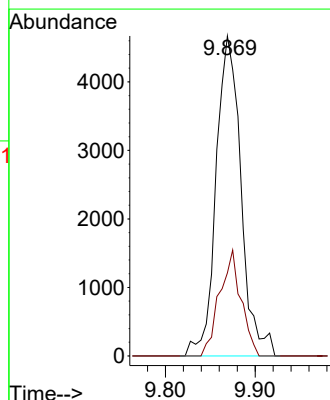
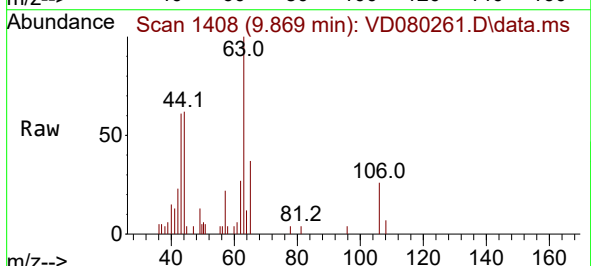
Acq: 07 Feb 2025 15:41

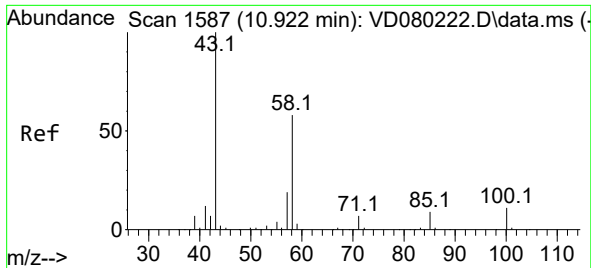
Tgt Ion: 63 Resp: 9023

Ion Ratio Lower Upper

63 100

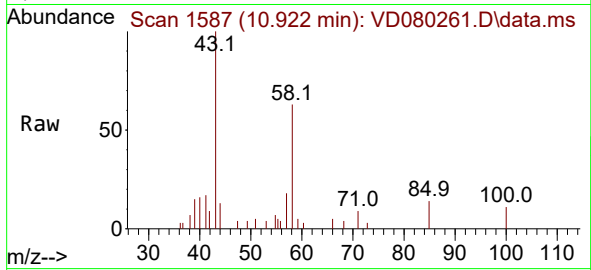
106 28.4 20.6 30.8





#59
2-Hexanone
Concen: 18.594 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

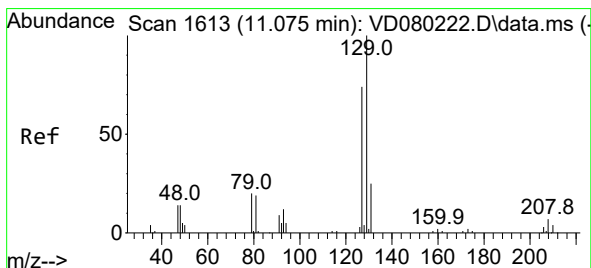
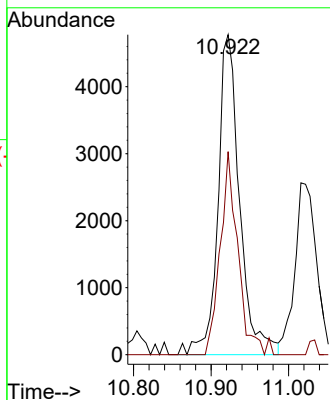
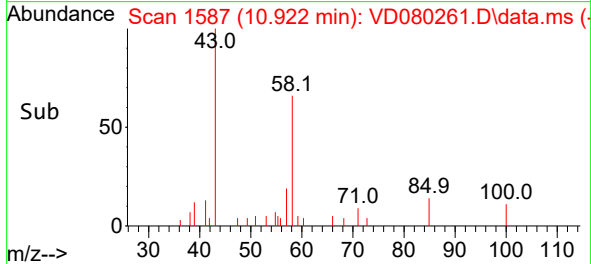
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



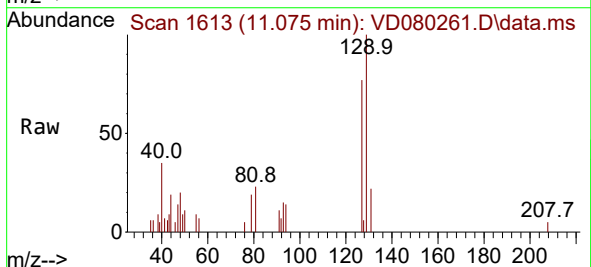
Tgt Ion: 43 Resp: 9290
Ion Ratio Lower Upper
43 100
58 51.3 27.4 82.2

Manual Integrations
APPROVED

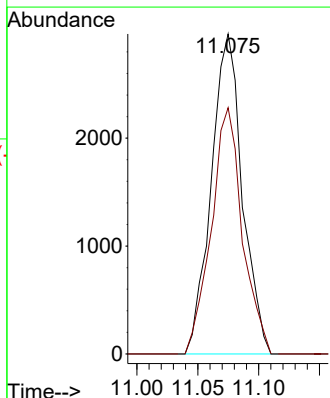
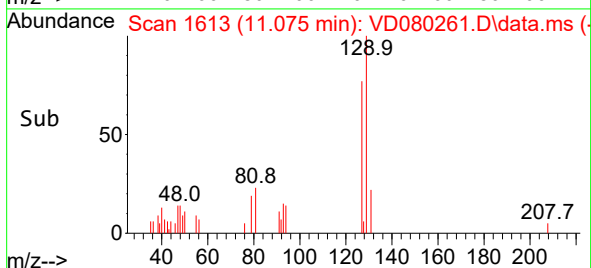
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

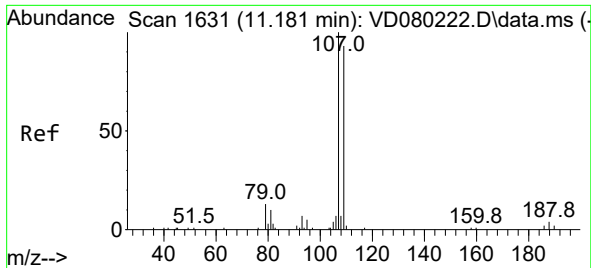


#60
Dibromochloromethane
Concen: 4.326 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



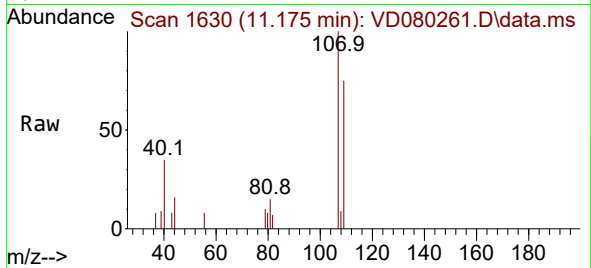
Tgt Ion:129 Resp: 5269
Ion Ratio Lower Upper
129 100
127 76.8 38.1 114.5





#61
1,2-Dibromoethane
Concen: 4.438 ug/l
RT: 11.175 min Scan# 1630
Delta R.T. -0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

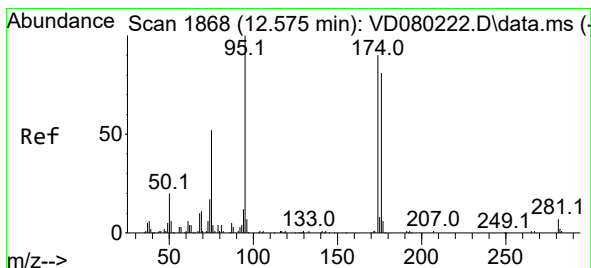
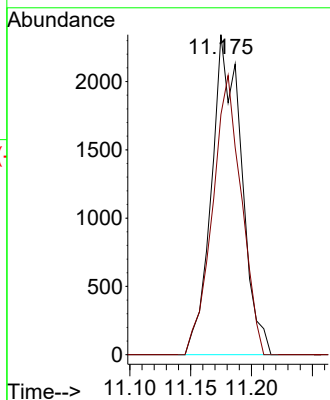
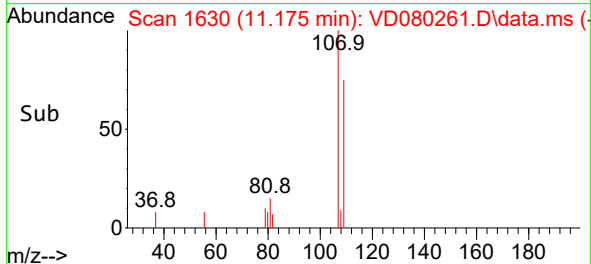
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



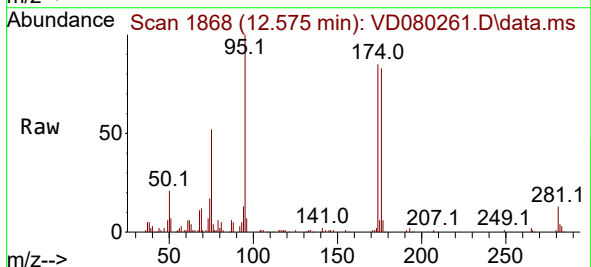
Tgt Ion:107 Resp: 3994
Ion Ratio Lower Upper
107 100
109 84.8 75.1 112.7

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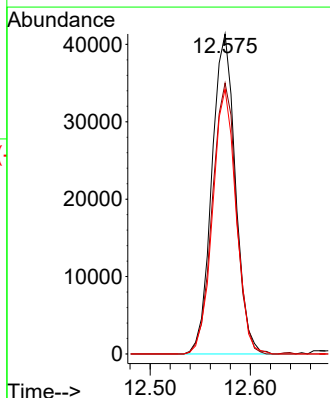
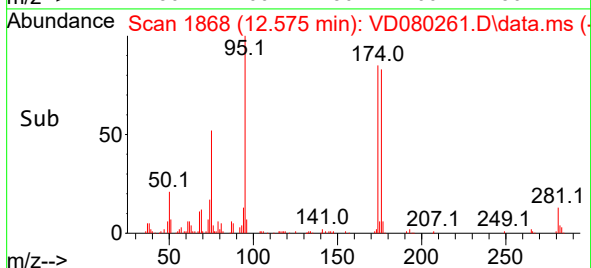
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

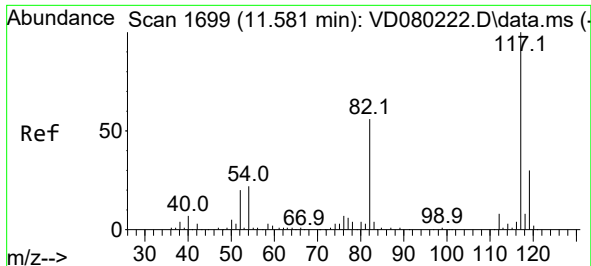


#62
4-Bromofluorobenzene
Concen: 46.840 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



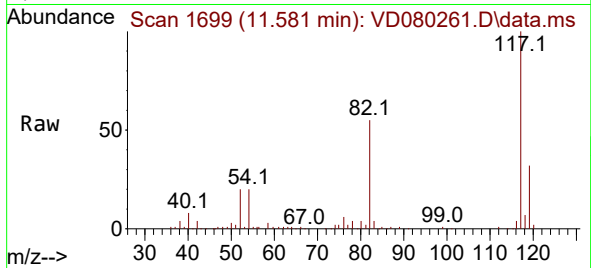
Tgt Ion: 95 Resp: 67368
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.8
176 82.1 0.0 159.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1699
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

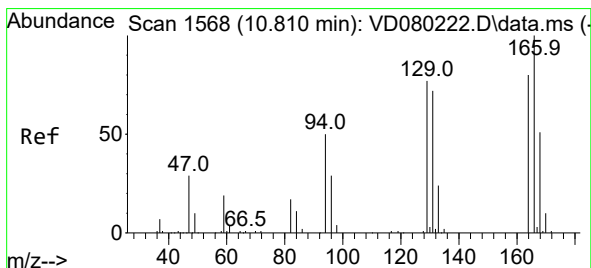
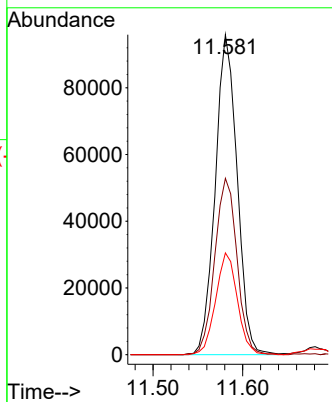
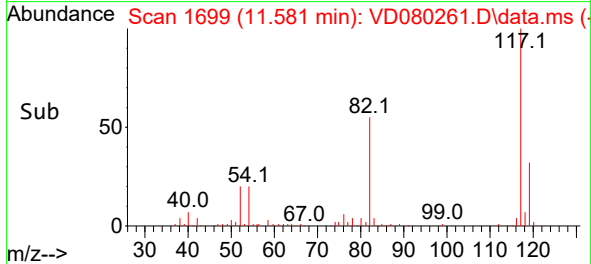
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



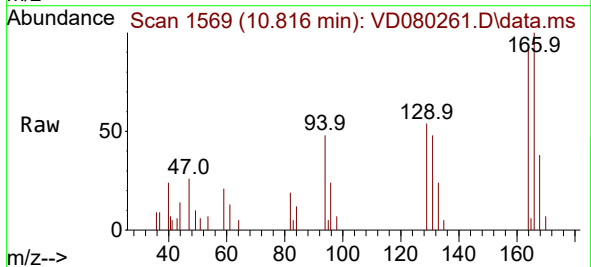
Tgt Ion:117 Resp: 162730
Ion Ratio Lower Upper
117 100
82 55.1 45.0 67.6
119 31.8 24.3 36.5

Manual Integrations
APPROVED

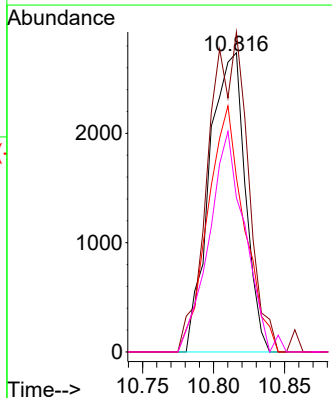
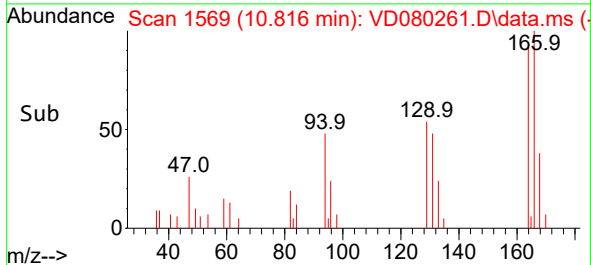
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

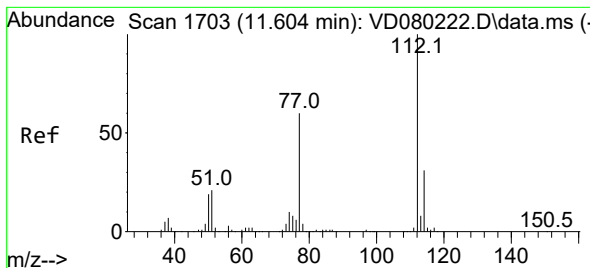


#64
Tetrachloroethene
Concen: 4.212 ug/l
RT: 10.816 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



Tgt Ion:164 Resp: 4788
Ion Ratio Lower Upper
164 100
166 107.0 99.4 149.2
129 58.2 76.3 114.5#
131 51.5 71.8 107.6#





#65

Chlorobenzene

Concen: 3.663 ug/l

RT: 11.604 min Scan# 1703

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion:112 Resp: 1366

Ion Ratio Lower Upper

112 100

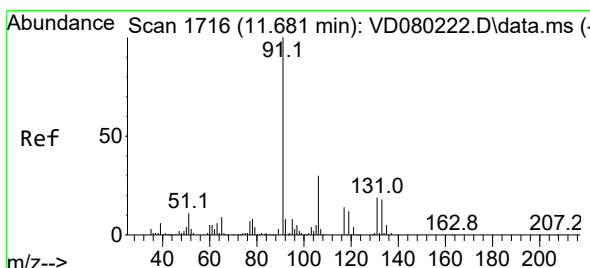
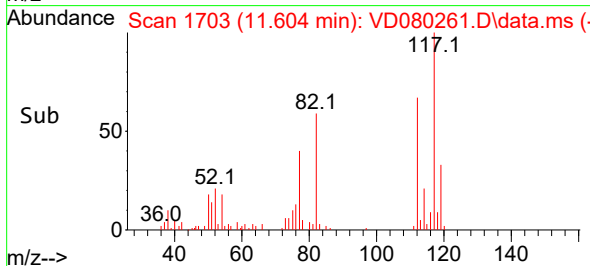
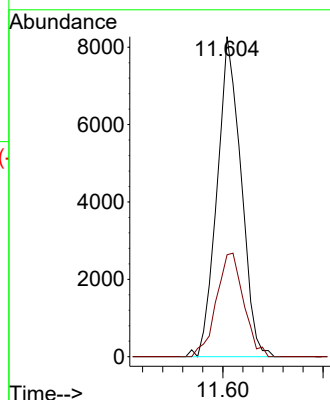
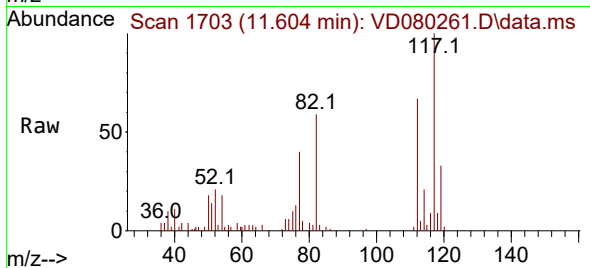
114 31.9 24.5 36.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 02/10/2025

Supervised By :Semsettin Yesilyurt 02/10/2025



#66

1,1,1,2-Tetrachloroethane

Concen: 4.193 ug/l

RT: 11.675 min Scan# 1715

Delta R.T. -0.006 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

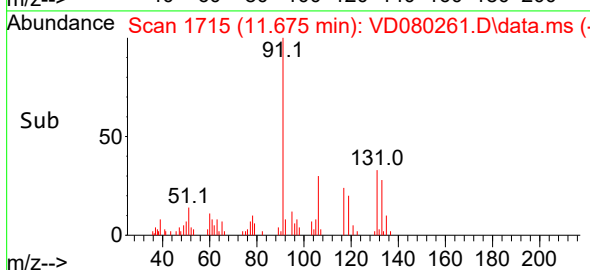
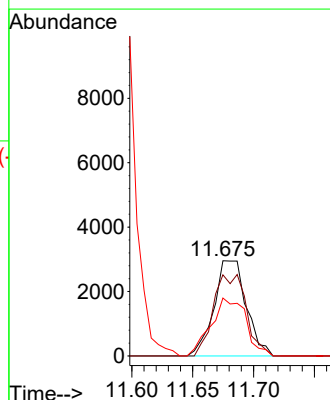
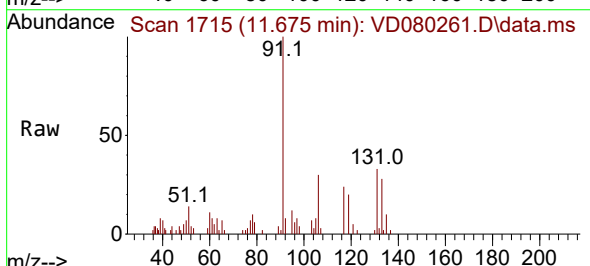
Tgt Ion:131 Resp: 5471

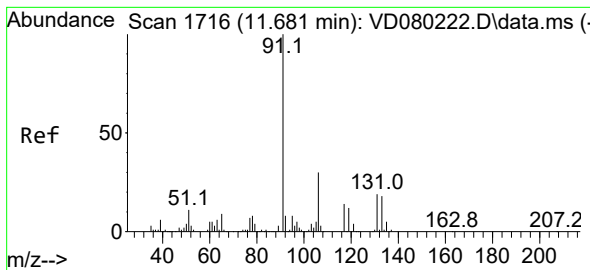
Ion Ratio Lower Upper

131 100

133 86.7 45.9 137.7

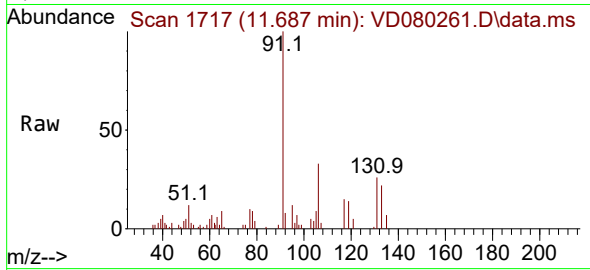
119 65.5 33.9 101.6





#67
Ethyl Benzene
Concen: 3.203 ug/l
RT: 11.687 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

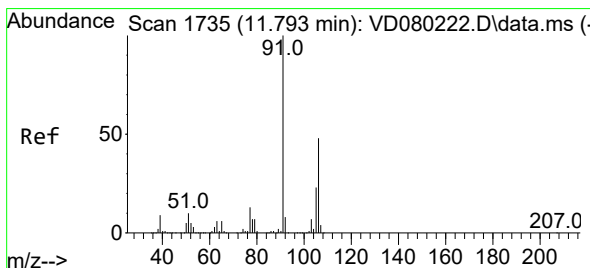
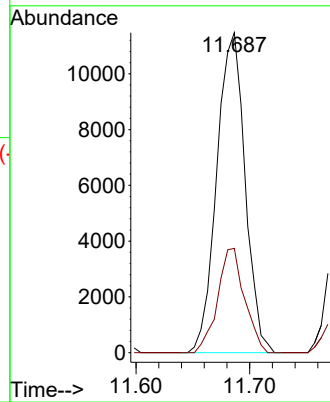
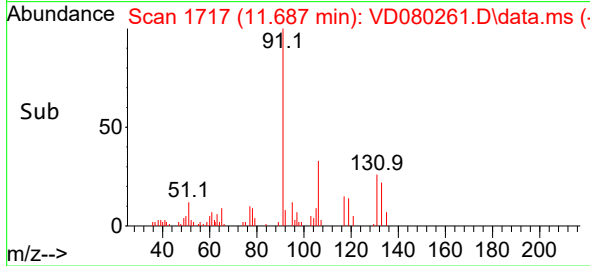
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



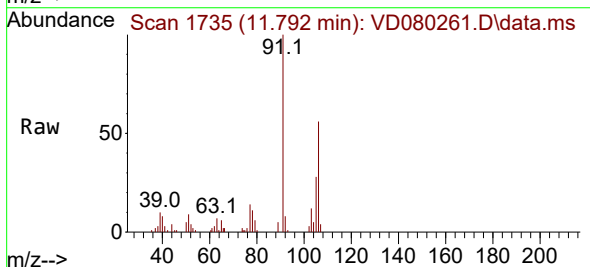
Tgt Ion: 91 Resp: 1987
Ion Ratio Lower Upper
91 100
106 32.6 23.9 35.9

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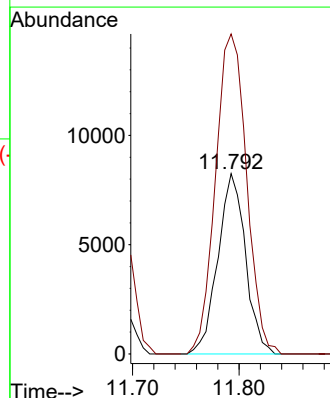
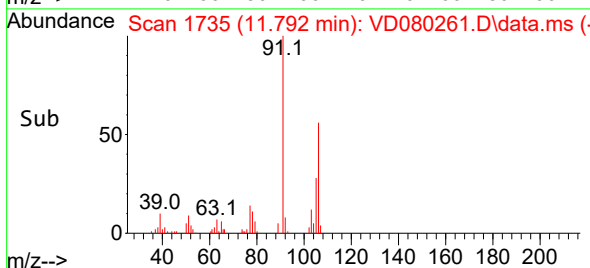
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

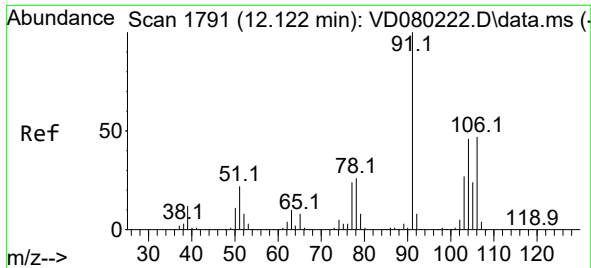


#68
m/p-Xylenes
Concen: 6.165 ug/l
RT: 11.792 min Scan# 1735
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



Tgt Ion:106 Resp: 14852
Ion Ratio Lower Upper
106 100
91 199.4 165.8 248.8





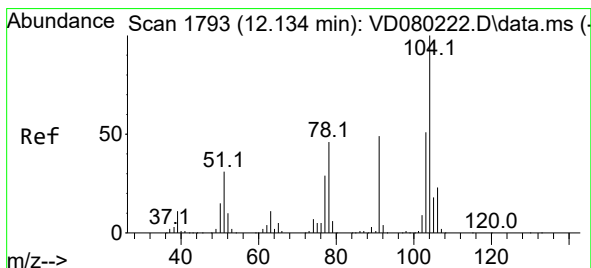
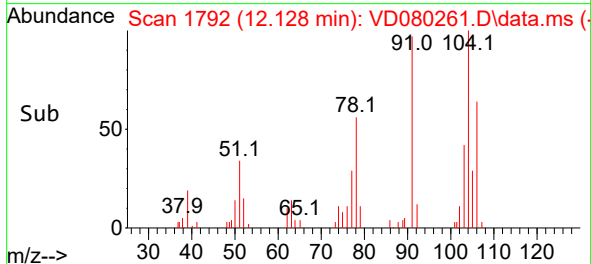
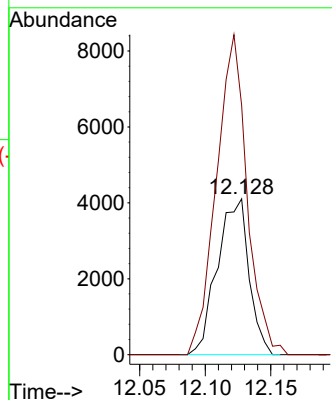
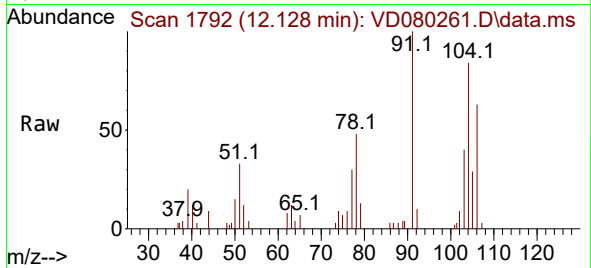
#69
o-Xylene
Concen: 3.132 ug/l
RT: 12.128 min Scan# 1792
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

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

Tgt Ion:106 Resp: 6880
Ion Ratio Lower Upper
106 100
91 199.1 107.7 323.3

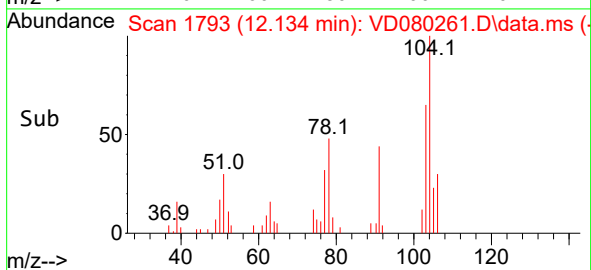
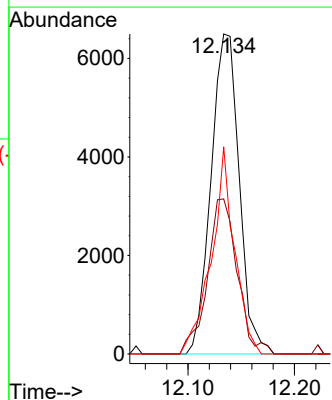
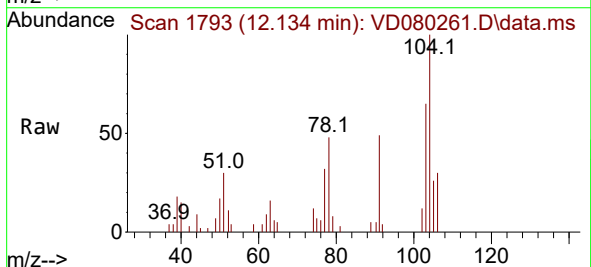
Manual Integrations
APPROVED

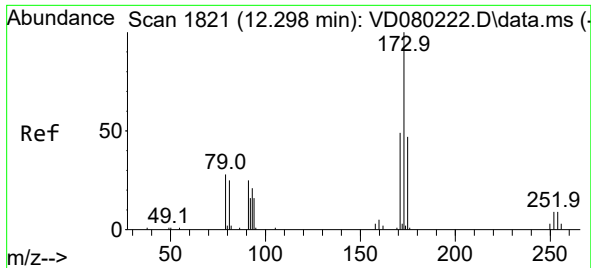
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#70
Styrene
Concen: 3.049 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

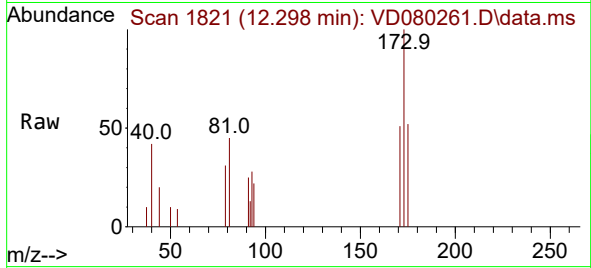
Tgt Ion:104 Resp: 11924
Ion Ratio Lower Upper
104 100
78 51.4 40.7 61.1
103 53.2 45.0 67.4





#71
Bromoform
Concen: 3.886 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

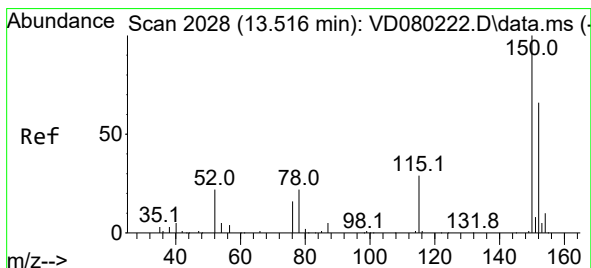
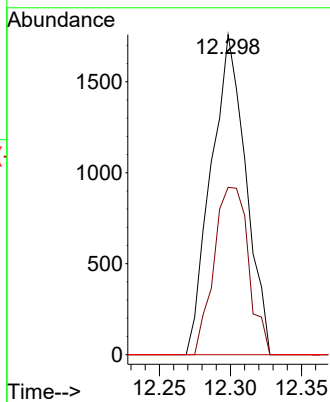
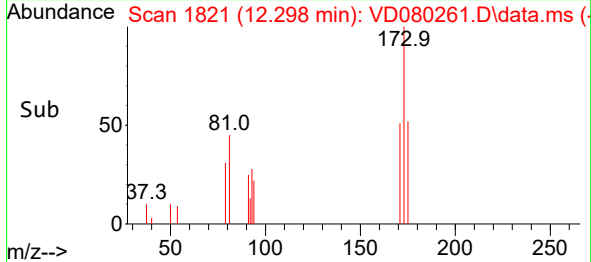
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



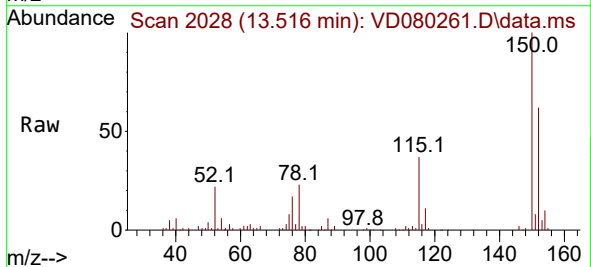
Tgt Ion:173 Resp: 2989
Ion Ratio Lower Upper
173 100
175 52.1 23.4 70.0
254 0.0 0.0 0.0

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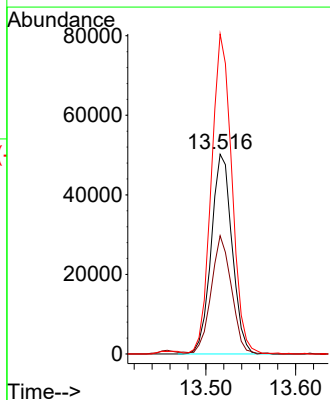
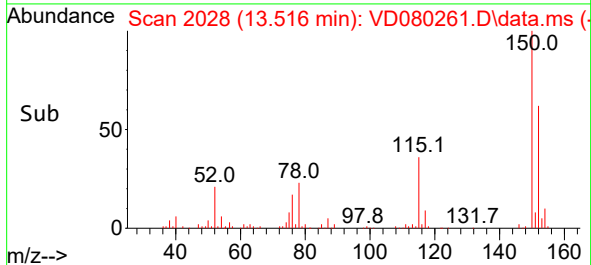
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

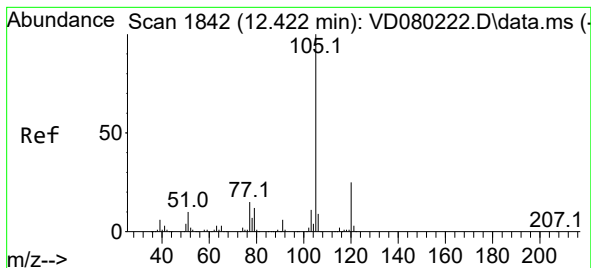


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



Tgt Ion:152 Resp: 81257
Ion Ratio Lower Upper
152 100
115 57.6 30.0 90.1
150 157.5 0.0 350.4





#73

Isopropylbenzene

Concen: 3.185 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

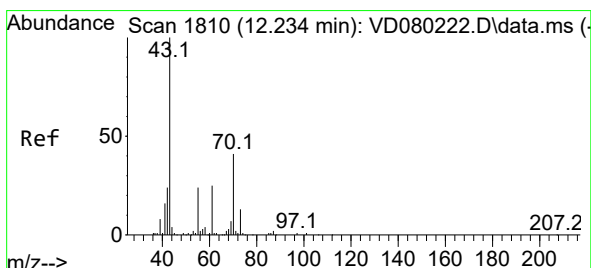
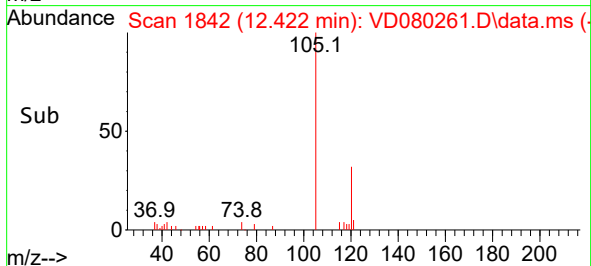
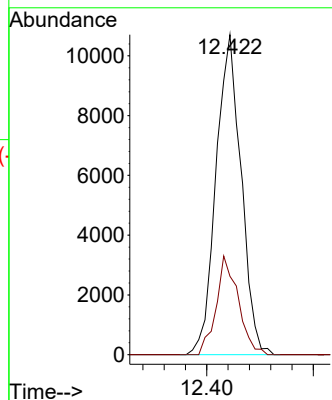
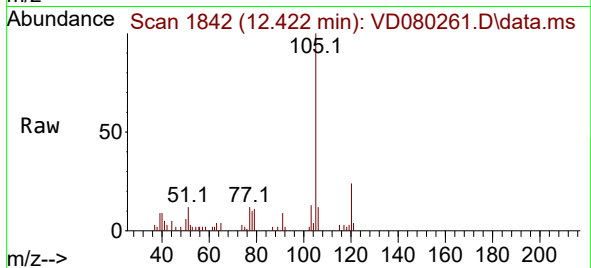
ClientSampleId :

LOQ-SOIL-03-QT1-2025

Tgt Ion:105 Resp: 17500
 Ion Ratio Lower Upper
 105 100
 120 27.1 12.9 38.6

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



#74

N-ethyl acetate

Concen: 3.473 ug/l

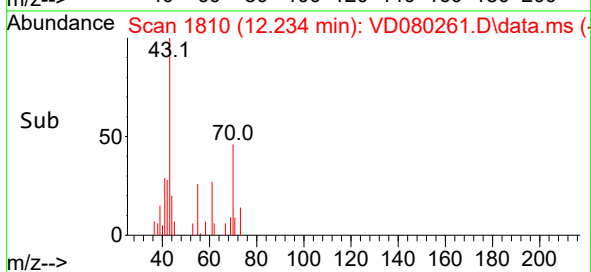
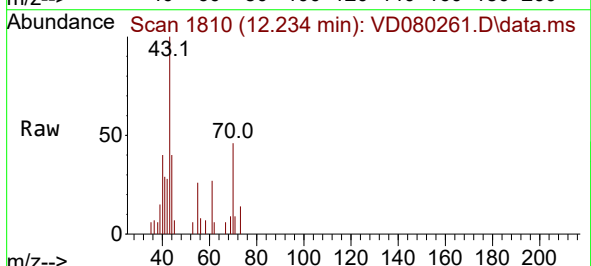
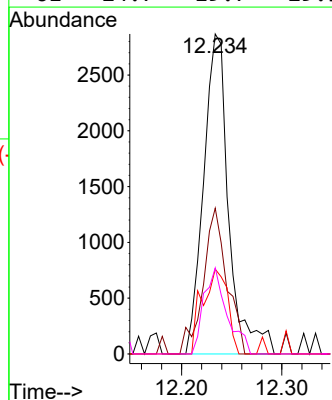
RT: 12.234 min Scan# 1810

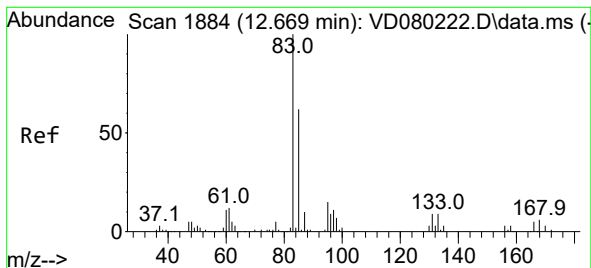
Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

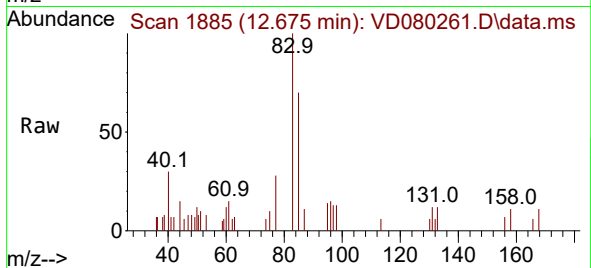
Tgt Ion: 43 Resp: 5018
 Ion Ratio Lower Upper
 43 100
 70 43.0 33.6 50.4
 55 26.5 21.4 32.0
 61 24.7 19.7 29.5





#75
1,1,2,2-Tetrachloroethane
Concen: 4.668 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

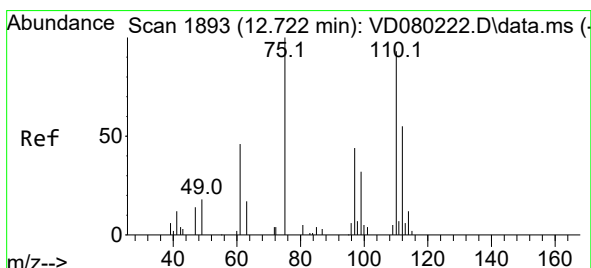
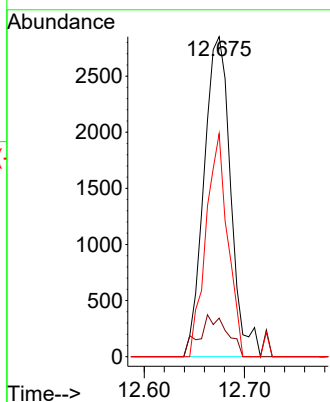
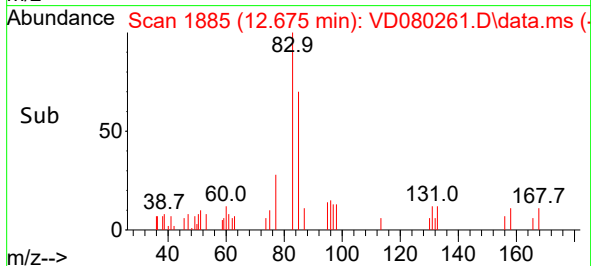
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



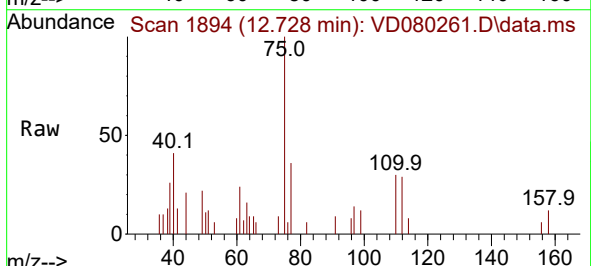
Tgt Ion: 83 Resp: 5339
Ion Ratio Lower Upper
83 100
131 13.6 4.9 14.6
85 56.2 32.4 97.0

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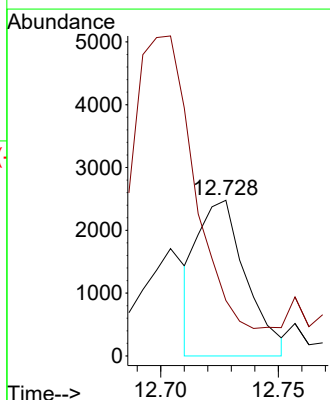
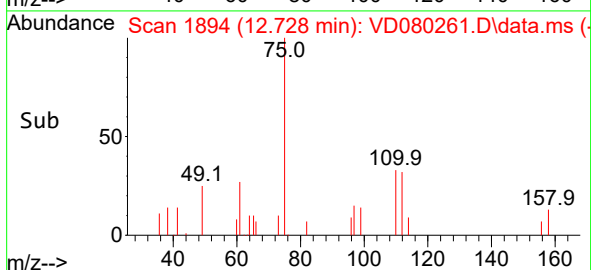
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

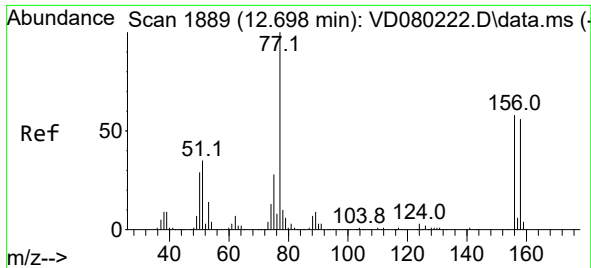


#76
1,2,3-Trichloropropane
Concen: 4.307 ug/l m
RT: 12.728 min Scan# 1894
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



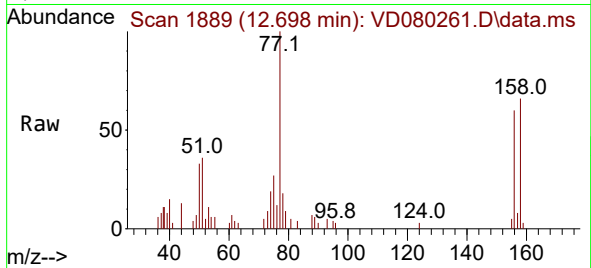
Tgt Ion: 75 Resp: 3540
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 3.937 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

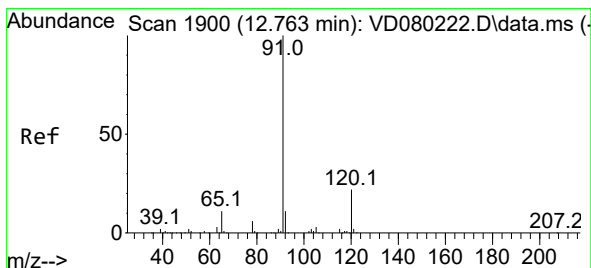
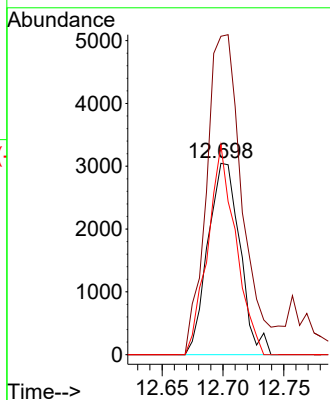
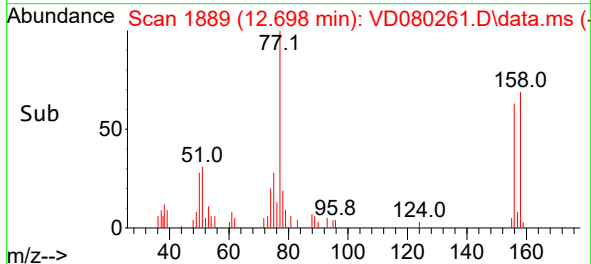
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



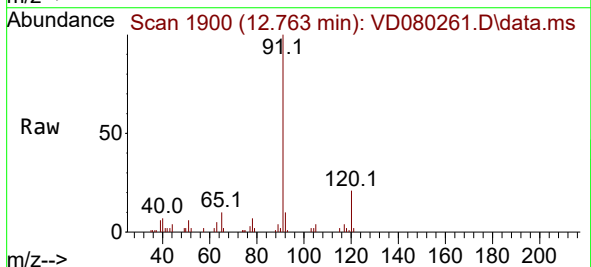
Tgt Ion:156 Resp: 558
Ion Ratio Lower Upper
156 100
77 184.8 95.2 285.4
158 95.9 47.8 143.3

Manual Integrations
APPROVED

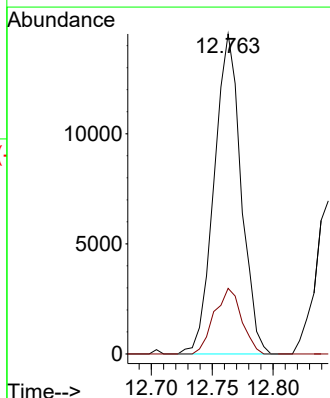
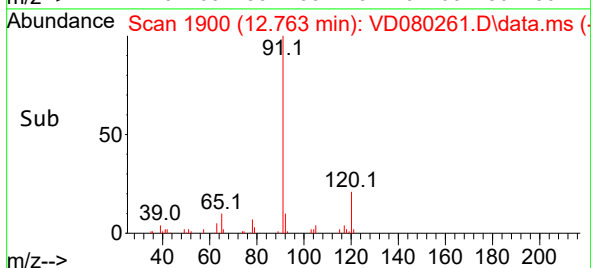
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

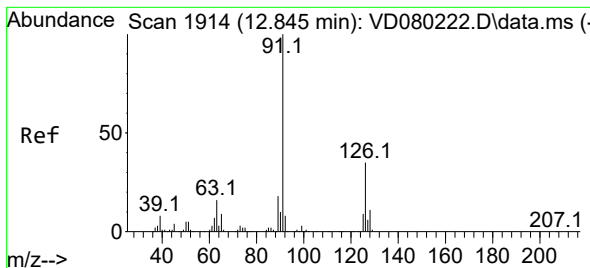


#78
n-propylbenzene
Concen: 3.202 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



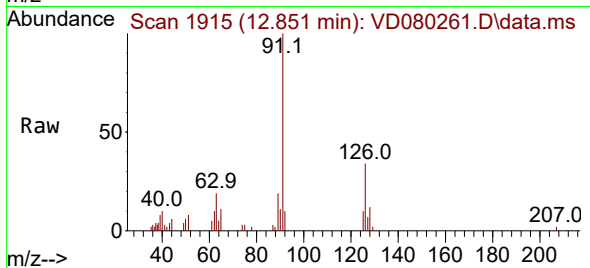
Tgt Ion: 91 Resp: 22405
Ion Ratio Lower Upper
91 100
120 20.8 11.0 33.0





#79
2-Chlorotoluene
Concen: 3.442 ug/l
RT: 12.851 min Scan# 1914
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

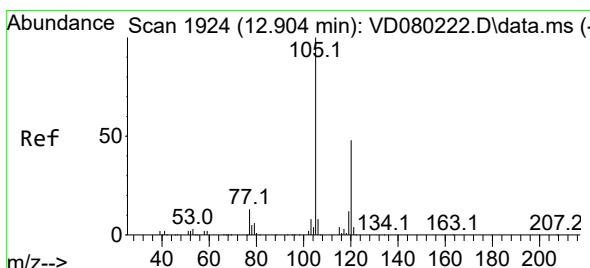
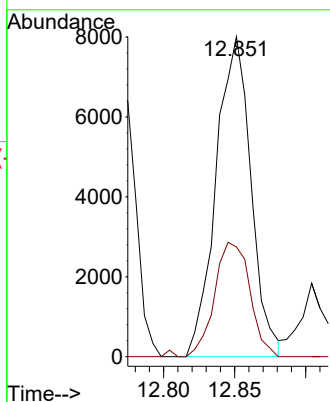
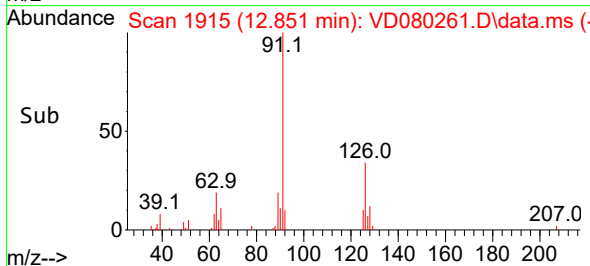
Instrument :
MSVOA_D
ClientSampleId :
LOQ-SOIL-03-QT1-2025



Tgt Ion: 91 Resp: 1368
Ion Ratio Lower Upper
91 100
126 36.0 16.8 50.4

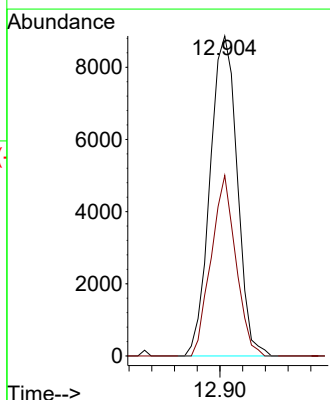
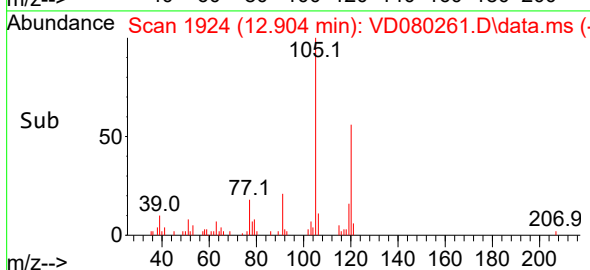
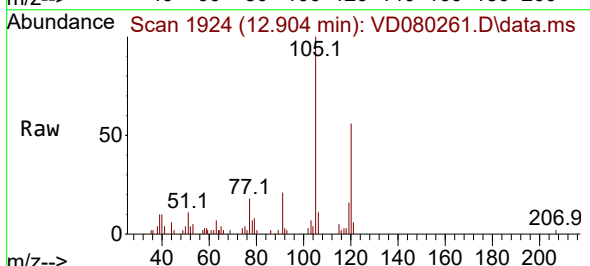
Manual Integrations
APPROVED

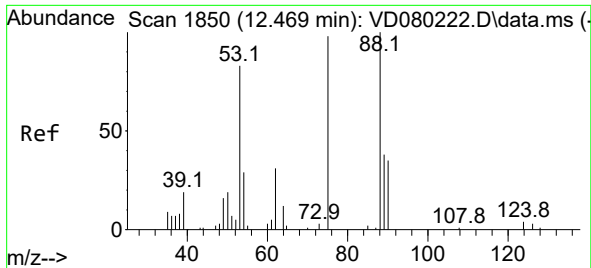
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#80
1,3,5-Trimethylbenzene
Concen: 3.207 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

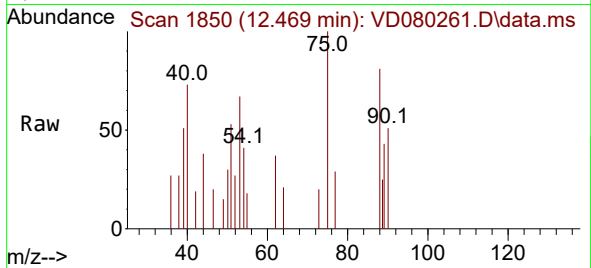
Tgt Ion:105 Resp: 14741
Ion Ratio Lower Upper
105 100
120 51.1 23.5 70.5





#81
trans-1,4-Dichloro-2-butene
Concen: 3.871 ug/l
RT: 12.469 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

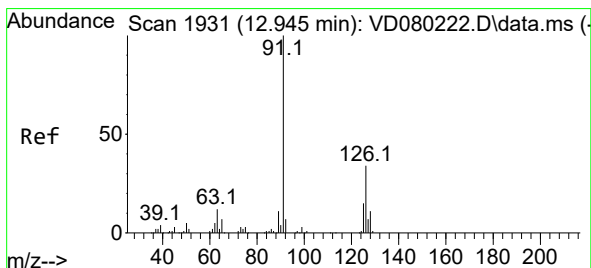
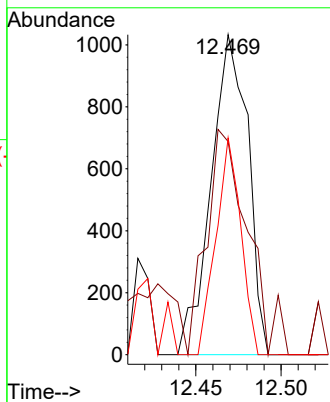
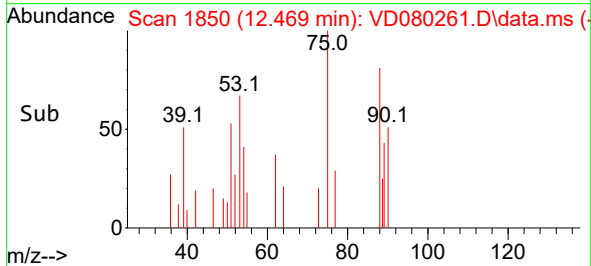
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion: 75 Resp: 1550
Ion Ratio Lower Upper
75 100
53 79.2 69.1 103.7
89 45.8 36.5 54.7

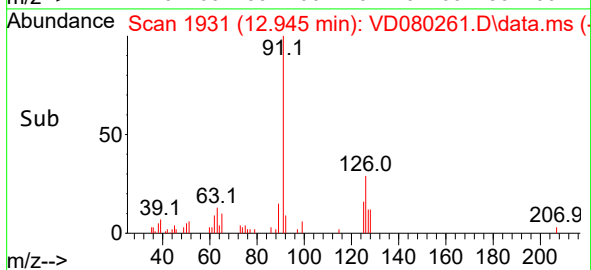
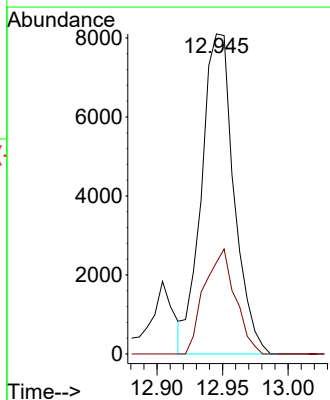
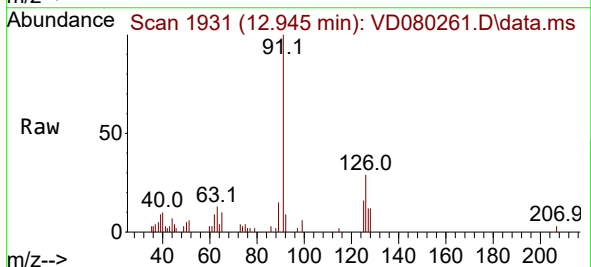
Manual Integrations
APPROVED

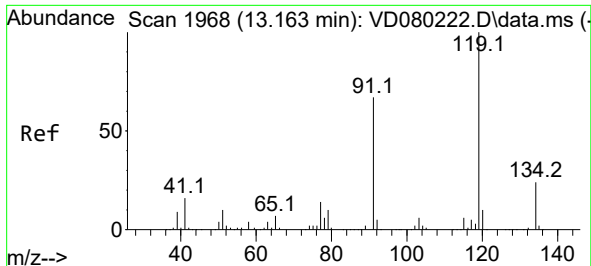
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#82
4-Chlorotoluene
Concen: 3.309 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

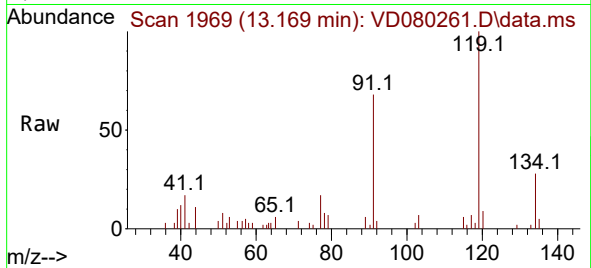
Tgt Ion: 91 Resp: 13979
Ion Ratio Lower Upper
91 100
126 31.3 16.9 50.6





#83
tert-Butylbenzene
Concen: 3.471 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

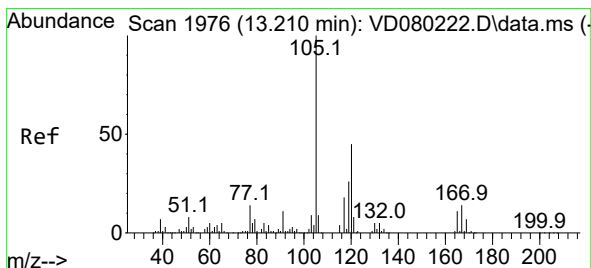
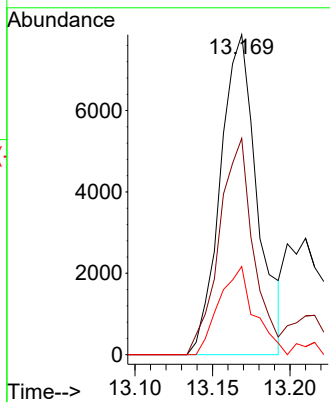
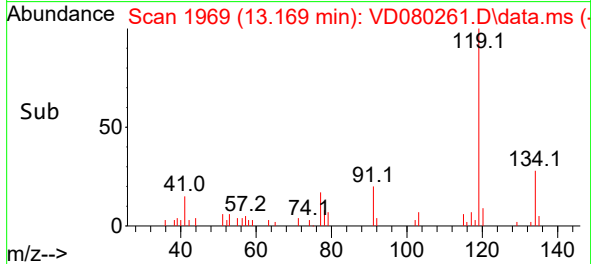
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



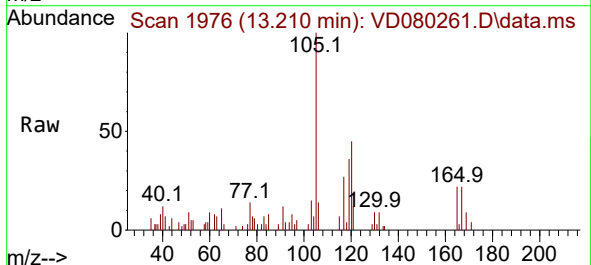
Tgt Ion:119 Resp: 1304
Ion Ratio Lower Upper
119 100
91 62.7 34.5 103.5
134 26.4 13.0 38.9

Manual Integrations
APPROVED

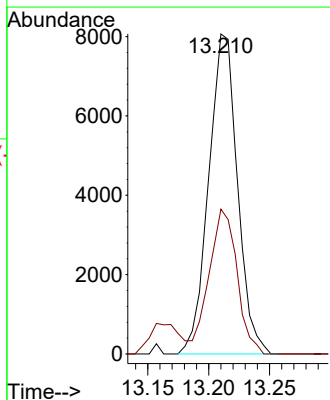
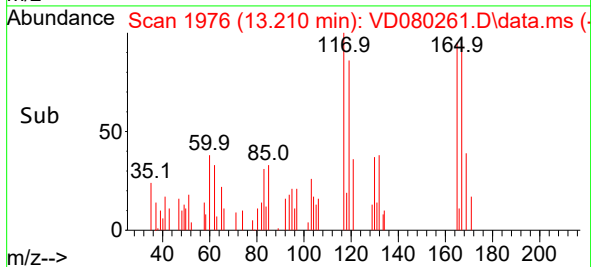
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025

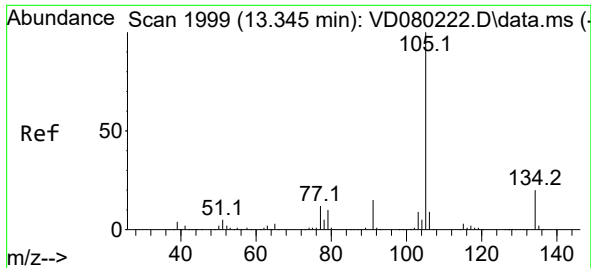


#84
1,2,4-Trimethylbenzene
Concen: 2.837 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41



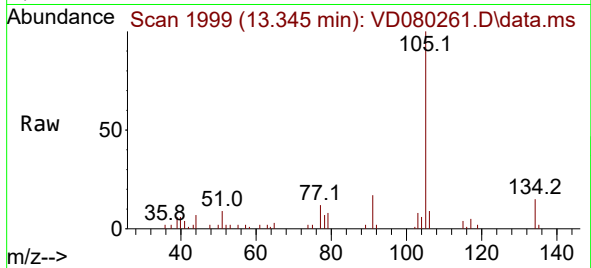
Tgt Ion:105 Resp: 13273
Ion Ratio Lower Upper
105 100
120 44.4 22.1 66.5





#85
 sec-Butylbenzene
 Concen: 3.194 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41

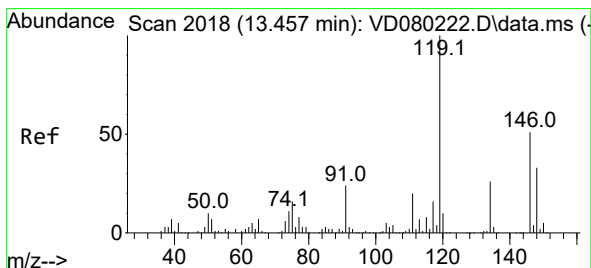
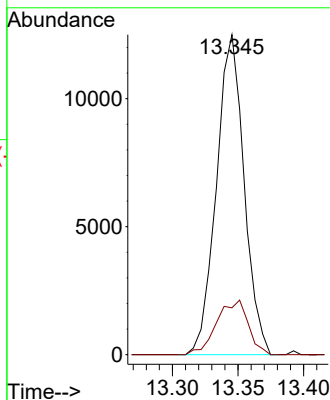
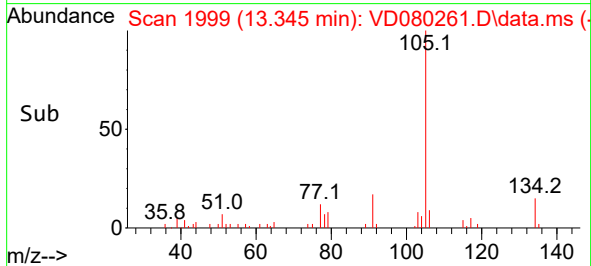
Instrument : MSVOA_D
 ClientSampleId :
 LOQ-SOIL-03-QT1-2025



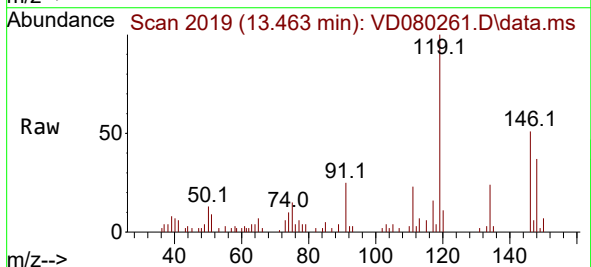
Tgt Ion:105 Resp: 18352
 Ion Ratio Lower Upper
 105 100
 134 19.3 9.8 29.4

Manual Integrations
 APPROVED

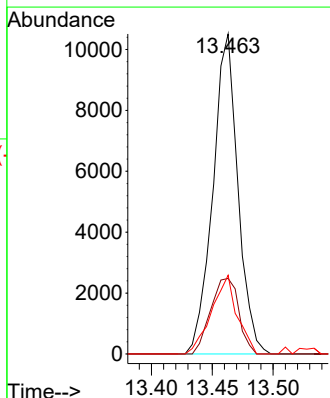
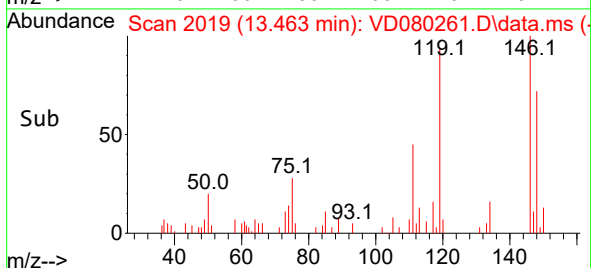
Reviewed By :Mahesh Dadoda 02/10/2025
 Supervised By :Semsettin Yesilyurt 02/10/2025

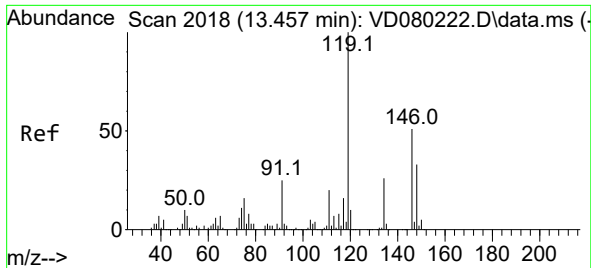


#86
 p-Isopropyltoluene
 Concen: 3.068 ug/l
 RT: 13.463 min Scan# 2019
 Delta R.T. 0.006 min
 Lab File: VD080261.D
 Acq: 07 Feb 2025 15:41



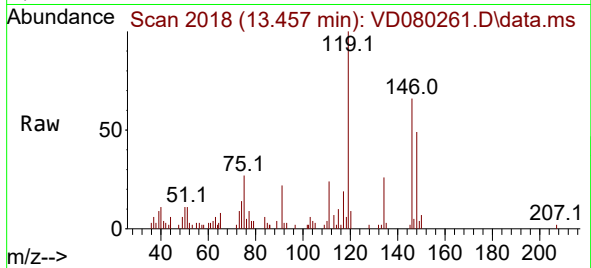
Tgt Ion:119 Resp: 15050
 Ion Ratio Lower Upper
 119 100
 134 26.4 13.3 39.9
 91 25.1 12.4 37.2





#87
1,3-Dichlorobenzene
Concen: 3.753 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

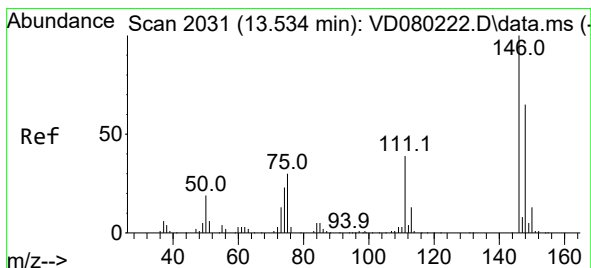
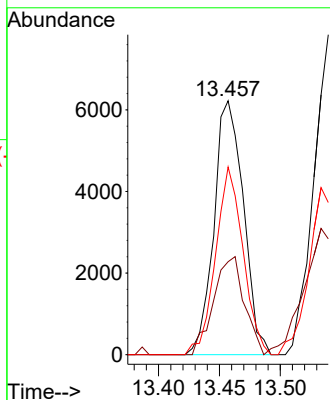
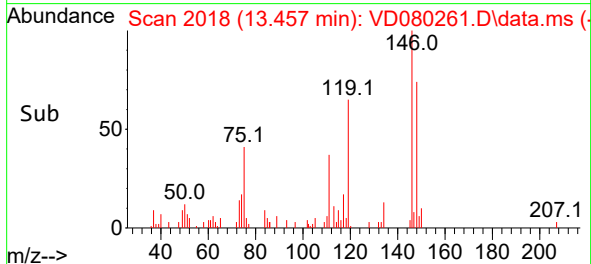
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion:146 Resp: 10479
Ion Ratio Lower Upper
146 100
111 40.3 20.5 61.6
148 69.0 32.2 96.6

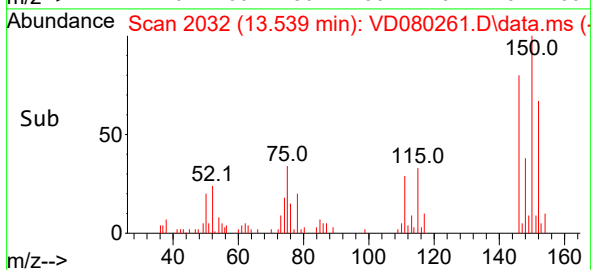
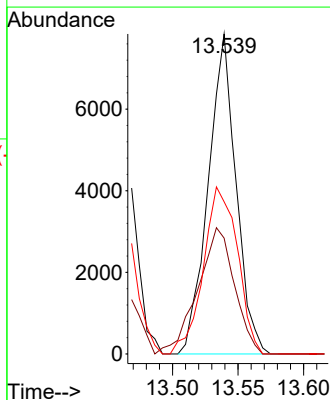
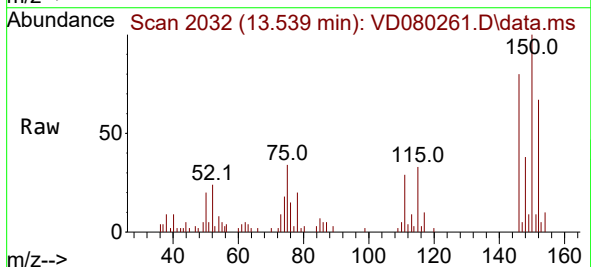
Manual Integrations
APPROVED

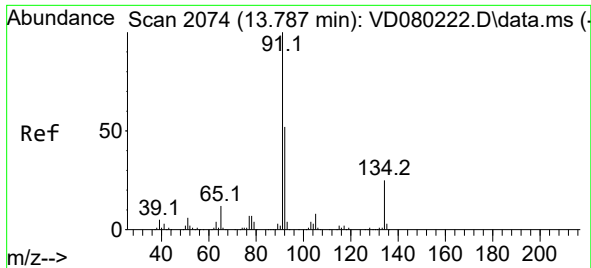
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#88
1,4-Dichlorobenzene
Concen: 4.102 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:146 Resp: 11594
Ion Ratio Lower Upper
146 100
111 51.4 19.7 59.0
148 64.0 32.3 96.8





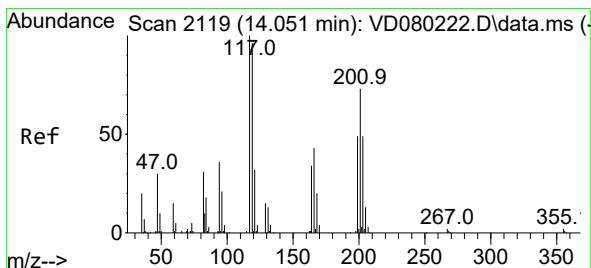
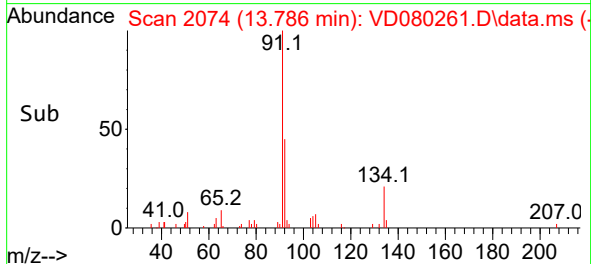
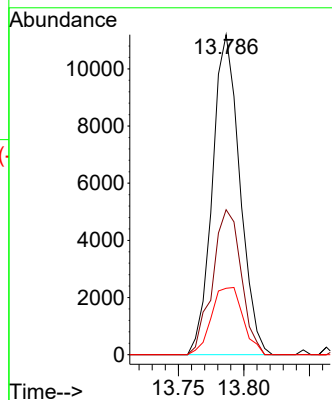
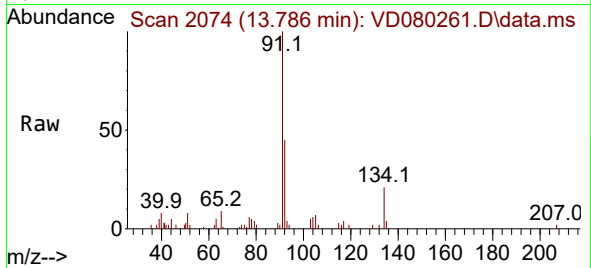
#89
n-Butylbenzene
Concen: 3.418 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

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

Tgt Ion: 91 Resp: 16290
Ion Ratio Lower Upper
91 100
92 47.3 26.1 78.2
134 24.2 12.4 37.0

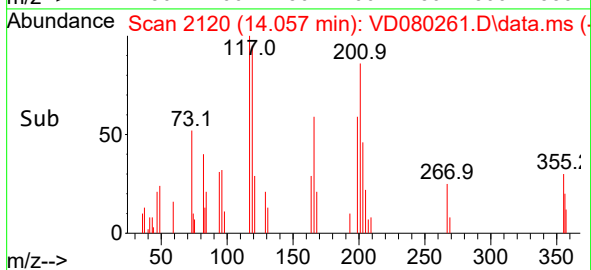
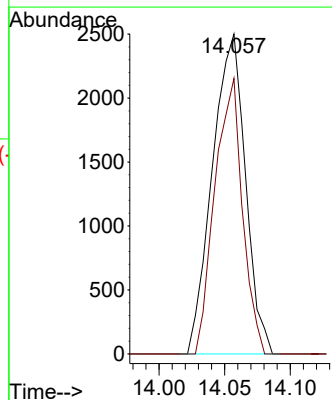
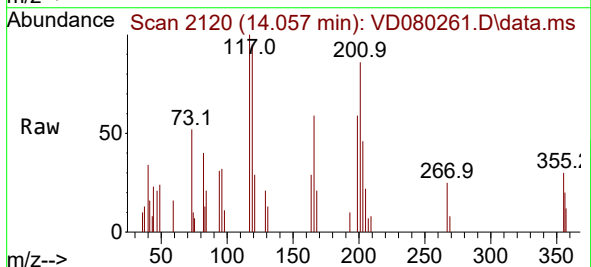
Manual Integrations
APPROVED

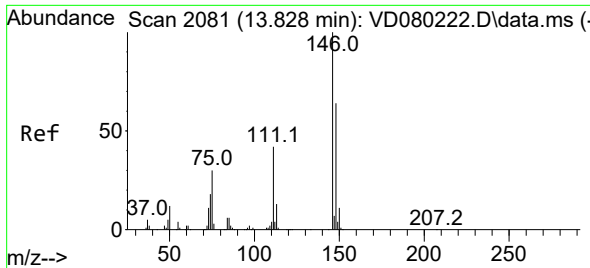
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#90
Hexachloroethane
Concen: 4.022 ug/l
RT: 14.057 min Scan# 2120
Delta R.T. 0.006 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:117 Resp: 4385
Ion Ratio Lower Upper
117 100
201 71.7 36.0 108.0





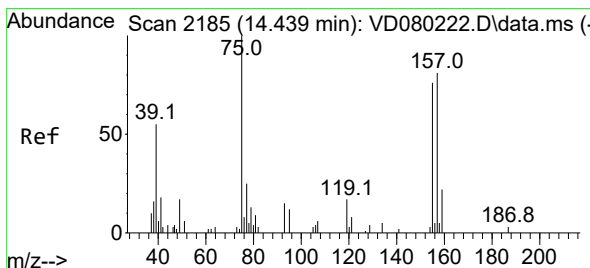
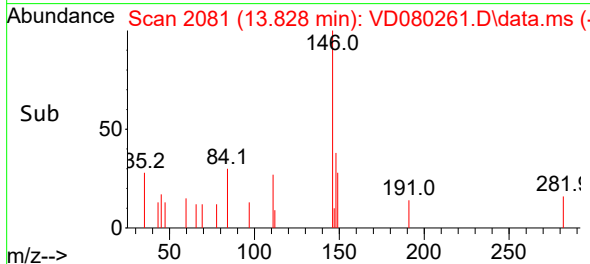
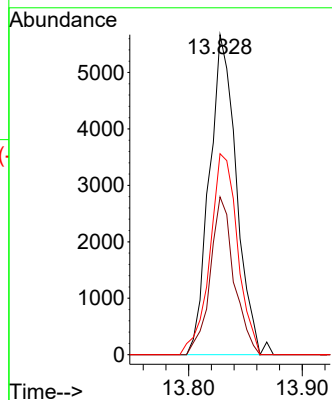
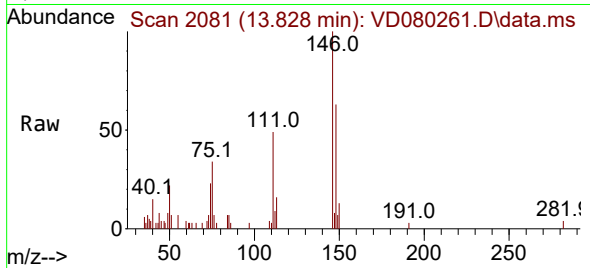
#91
1,2-Dichlorobenzene
Concen: 3.814 ug/l
RT: 13.828 min Scan# 2081
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

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

Tgt Ion:146 Resp: 938
Ion Ratio Lower Upper
146 100
111 43.3 21.0 63.0
148 64.2 32.5 97.5

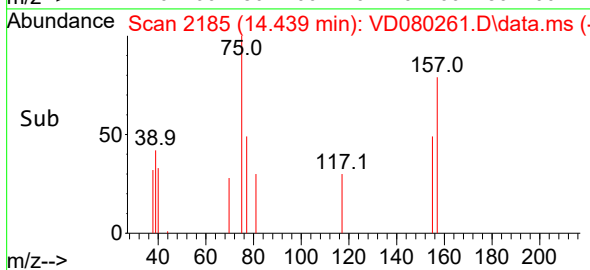
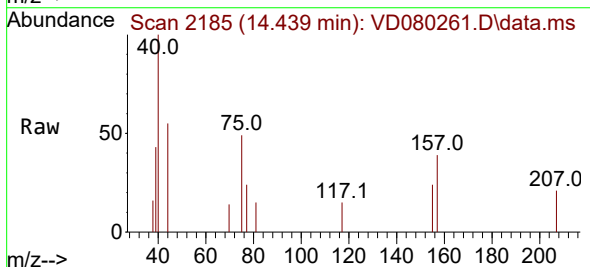
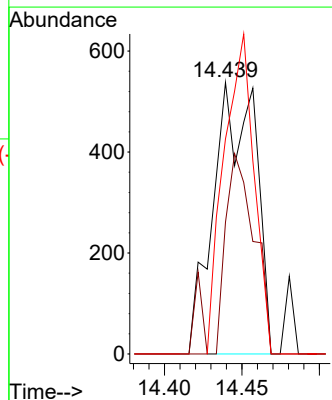
Manual Integrations
APPROVED

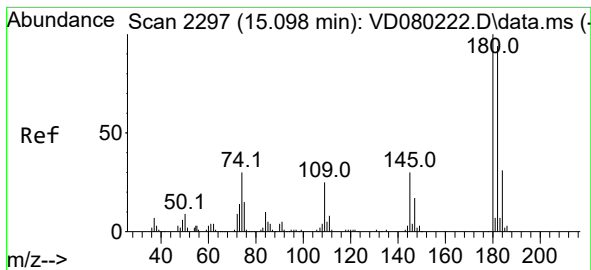
Reviewed By :Mahesh Dadoda 02/10/2025
Supervised By :Semsettin Yesilyurt 02/10/2025



#92
1,2-Dibromo-3-Chloropropane
Concen: 5.573 ug/l
RT: 14.439 min Scan# 2185
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion: 75 Resp: 1014
Ion Ratio Lower Upper
75 100
155 50.1 41.5 124.6
157 84.6 50.5 151.5





#93

1,2,4-Trichlorobenzene

Concen: 3.488 ug/l

RT: 15.098 min Scan# 2297

Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

Instrument :

MSVOA_D

ClientSampleId :

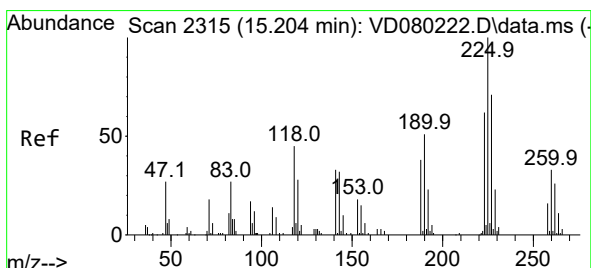
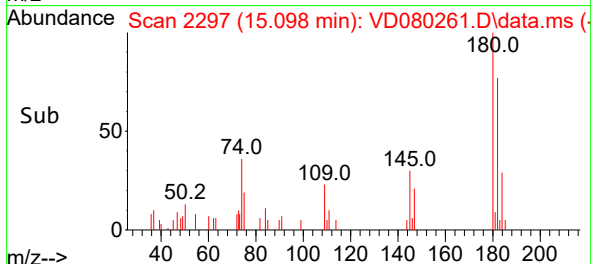
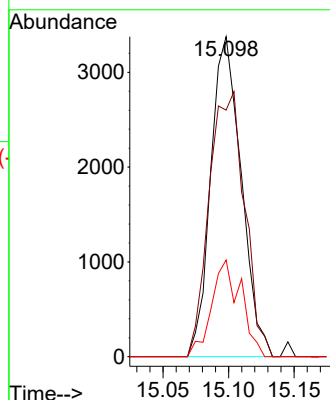
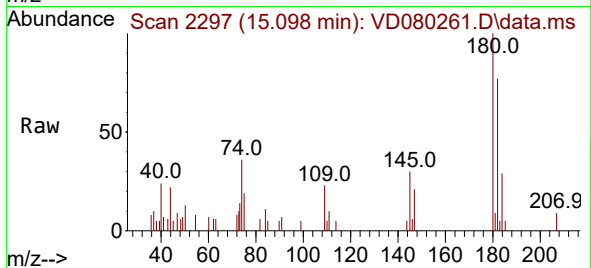
LOQ-SOIL-03-QT1-2025

Tgt Ion:180	Resp:	5470
Ion Ratio	Lower	Upper
180	100	
182	95.9	47.5 142.5
145	29.0	14.6 44.0

Manual Integrations

APPROVED

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



#94

Hexachlorobutadiene

Concen: 3.452 ug/l

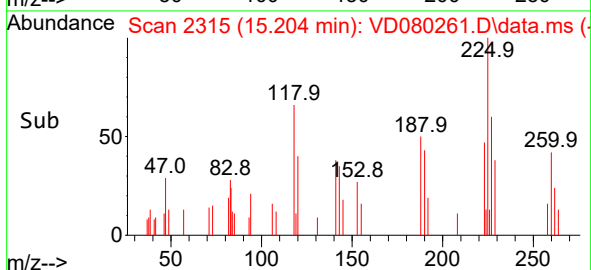
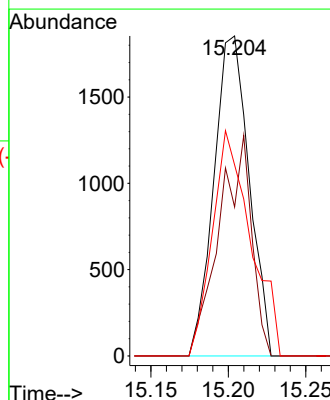
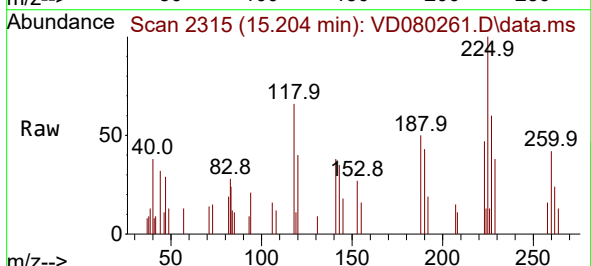
RT: 15.204 min Scan# 2315

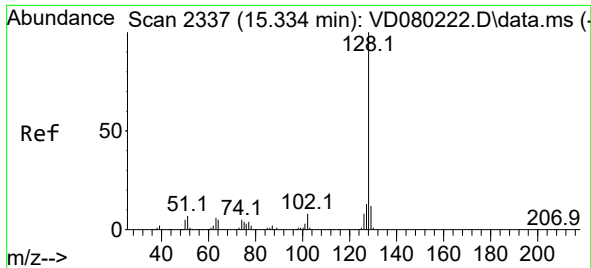
Delta R.T. -0.000 min

Lab File: VD080261.D

Acq: 07 Feb 2025 15:41

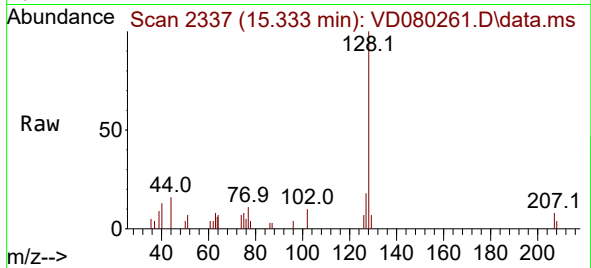
Tgt Ion:225	Resp:	2932
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.3 93.8
227	76.3	32.4 97.2





#95
Naphthalene
Concen: 3.256 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.001 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

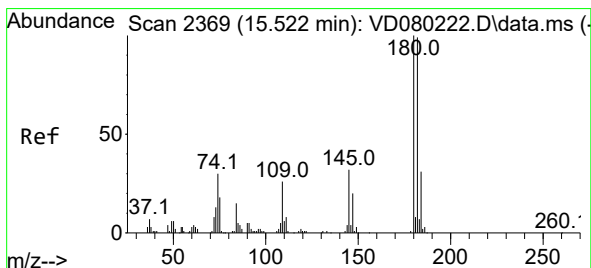
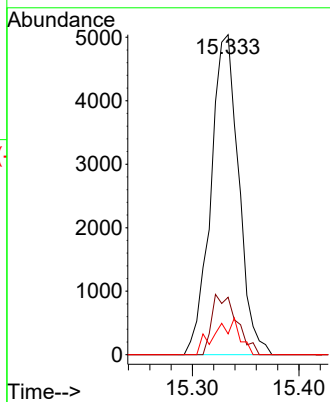
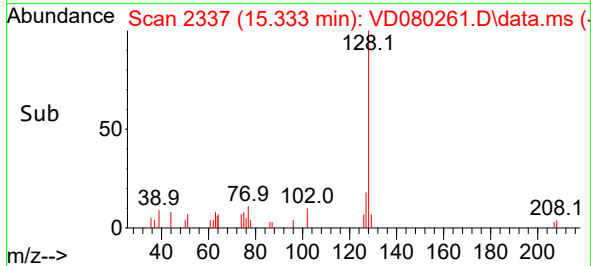
Instrument : MSVOA_D
ClientSampleId : LOQ-SOIL-03-QT1-2025



Tgt Ion:128 Resp: 915
Ion Ratio Lower Upper
128 100
127 17.9 10.6 15.8
129 6.5 9.4 14.0

Manual Integrations
APPROVED

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



#96
1,2,3-Trichlorobenzene
Concen: 3.270 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD080261.D
Acq: 07 Feb 2025 15:41

Tgt Ion:180 Resp: 4629
Ion Ratio Lower Upper
180 100
182 104.1 47.3 142.0
145 34.5 15.6 46.7

