

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078926.D
 Acq On : 15 May 2024 12:08
 Operator : RP/MD
 Sample : P2403-01 4 PPB
 Misc : 5.00G/5ml/MSVOA_D/SOIL/A
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024

Quant Time: May 16 02:41:35 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 16 02:40:07 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	111225	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	201189	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187870	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90491	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	48515	46.502	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.000%		
35) Dibromofluoromethane	7.810	113	58917	43.993	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	87.980%		
50) Toluene-d8	10.269	98	219746	43.769	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	87.540%		
62) 4-Bromofluorobenzene	12.575	95	57042	40.443	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	80.880%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	4132	3.976	ug/l	92
3) Chloromethane	2.152	50	7569	4.778	ug/l	94
4) Vinyl Chloride	2.287	62	10701	4.467	ug/l	97
5) Bromomethane	2.699	94	11556	4.991	ug/l	98
6) Chloroethane	2.840	64	8853	4.450	ug/l	95
7) Trichlorofluoromethane	3.175	101	8152	3.742	ug/l	98
8) Diethyl Ether	3.599	74	2117	3.872	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.969	101	4847	4.214	ug/l	96
10) Methyl Iodide	4.164	142	5126	3.730	ug/l #	78
11) Tert butyl alcohol	5.069	59	926m	18.626	ug/l	
12) 1,1-Dichloroethene	3.946	96	4697	4.172	ug/l #	80
13) Acrolein	3.811	56	1725	16.609	ug/l #	73
14) Allyl chloride	4.575	41	4197	3.820	ug/l #	88
15) Acrylonitrile	5.263	53	3921	19.443	ug/l #	19
16) Acetone	4.016	43	3250m	19.537	ug/l	
17) Carbon Disulfide	4.275	76	16292	4.497	ug/l #	93
18) Methyl Acetate	4.569	43	1870m	4.882	ug/l	
19) Methyl tert-butyl Ether	5.316	73	7828	3.568	ug/l #	86
20) Methylene Chloride	4.805	84	11348	6.604	ug/l	96
21) trans-1,2-Dichloroethene	5.311	96	5800	4.622	ug/l	96
22) Diisopropyl ether	6.222	45	8750	3.521	ug/l	94
23) Vinyl Acetate	6.158	43	25620m	17.189	ug/l	
24) 1,1-Dichloroethane	6.122	63	9171	4.656	ug/l #	95
25) 2-Butanone	7.093	43	4195	18.855	ug/l	97
26) 2,2-Dichloropropane	7.081	77	8077	4.666	ug/l	99
27) cis-1,2-Dichloroethene	7.087	96	5919	4.017	ug/l	87
28) Bromochloromethane	7.428	49	3535	5.381	ug/l #	97
29) Tetrahydrofuran	7.457	42	2072	16.101	ug/l	98
30) Chloroform	7.599	83	10566	4.736	ug/l	93
31) Cyclohexane	7.881	56	7309	4.795	ug/l #	83
32) 1,1,1-Trichloroethane	7.799	97	8176	4.279	ug/l	97
36) 1,1-Dichloropropene	8.004	75	5989	3.594	ug/l	94
37) Ethyl Acetate	7.175	43	2021m	3.558	ug/l	
38) Carbon Tetrachloride	7.993	117	7738	3.968	ug/l	93
39) Methylcyclohexane	9.275	83	6458	3.189	ug/l	97
40) Benzene	8.257	78	20629	3.827	ug/l #	90

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1068m	3.495	ug/l	
42) 1,2-Dichloroethane	8.322	62	5209	3.992	ug/l	94
43) Isopropyl Acetate	8.369	43	3334	3.308	ug/l #	95
44) Trichloroethene	9.028	130	5665	3.962	ug/l	77
45) 1,2-Dichloropropane	9.304	63	4673	3.945	ug/l	97
46) Dibromomethane	9.399	93	2758	3.537	ug/l	94
47) Bromodichloromethane	9.587	83	7338	3.909	ug/l	92
48) Methyl methacrylate	9.387	41	1488	3.033	ug/l	88
49) 1,4-Dioxane	9.381	88	427	62.252	ug/l #	33
51) 4-Methyl-2-Pentanone	10.157	43	8239	15.349	ug/l	96
52) Toluene	10.334	92	13086	3.793	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	5781	3.624	ug/l #	86
54) cis-1,3-Dichloropropene	10.016	75	7165	3.743	ug/l	93
55) 1,1,2-Trichloroethane	10.728	97	4041	4.011	ug/l #	88
56) Ethyl methacrylate	10.598	69	3201	3.088	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	5580	3.557	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	7870	17.671	ug/l	98
59) 2-Hexanone	10.922	43	5709	15.280	ug/l	99
60) Dibromochloromethane	11.075	129	4545	3.309	ug/l	86
61) 1,2-Dibromoethane	11.175	107	3473	3.781	ug/l	95
64) Tetrachloroethene	10.804	164	4616	3.873	ug/l #	87
65) Chlorobenzene	11.604	112	14335	3.668	ug/l	92
66) 1,1,1,2-Tetrachloroethane	11.675	131	5309	3.930	ug/l	98
67) Ethyl Benzene	11.681	91	22203	3.532	ug/l	99
68) m/p-Xylenes	11.793	106	16427	6.428	ug/l	96
69) o-Xylene	12.122	106	7157	3.072	ug/l	84
70) Styrene	12.134	104	12869	3.117	ug/l	99
71) Bromoform	12.298	173	3064	3.959	ug/l #	93
73) Isopropylbenzene	12.422	105	18021	3.337	ug/l	97
74) N-amyl acetate	12.240	43	2591	2.957	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	4050	4.157	ug/l #	95
76) 1,2,3-Trichloropropane	12.710	75	2994m	4.700	ug/l	
77) Bromobenzene	12.698	156	6212	4.374	ug/l	91
78) n-propylbenzene	12.763	91	24312	3.724	ug/l	100
79) 2-Chlorotoluene	12.851	91	13509	3.723	ug/l	89
80) 1,3,5-Trimethylbenzene	12.904	105	15681	3.495	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.475	75	1301	4.050	ug/l #	82
82) 4-Chlorotoluene	12.945	91	15256	4.008	ug/l	96
83) tert-Butylbenzene	13.169	119	14662	3.695	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	14619	3.145	ug/l	95
85) sec-Butylbenzene	13.345	105	20559	3.473	ug/l	98
86) p-Isopropyltoluene	13.457	119	16377	3.175	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	10978	3.653	ug/l	95
88) 1,4-Dichlorobenzene	13.539	146	11792	4.006	ug/l	93
89) n-Butylbenzene	13.787	91	15144	3.277	ug/l	98
90) Hexachloroethane	14.051	117	4214	3.873	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	9770	3.885	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.451	75	524	4.040	ug/l	96
93) 1,2,4-Trichlorobenzene	15.098	180	6026	4.081	ug/l	89
94) Hexachlorobutadiene	15.198	225	2726	3.533	ug/l	82
95) Naphthalene	15.334	128	8600	3.419	ug/l	97
96) 1,2,3-Trichlorobenzene	15.528	180	4662	3.549	ug/l	88

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Quant Title : SW846 8260
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Response via : Initial Calibration

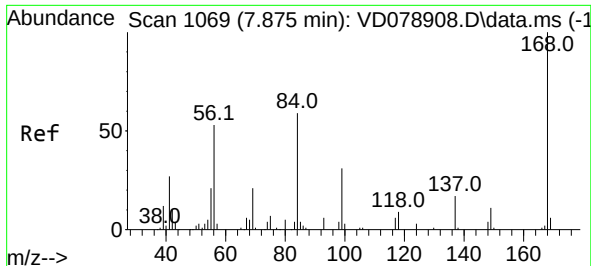
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Manual Integrations

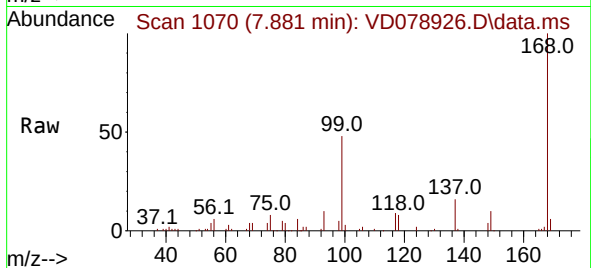
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.881 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

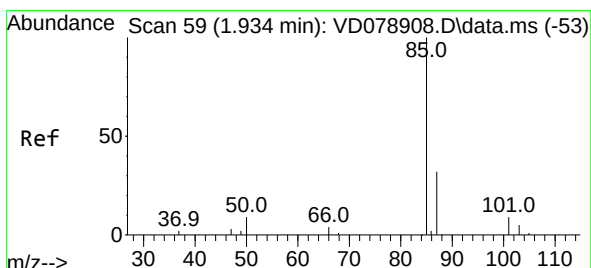
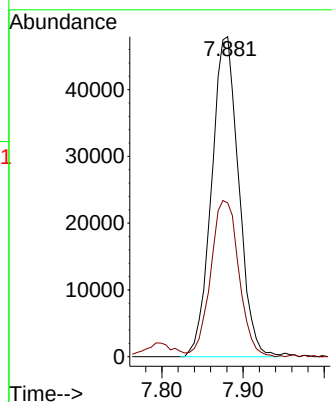
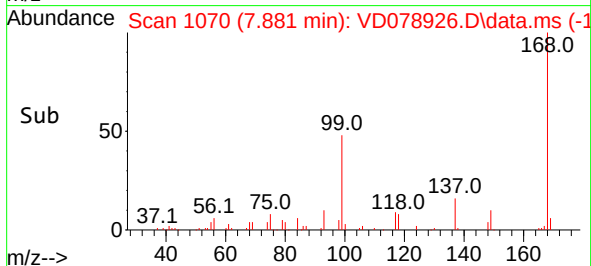
Instrument :
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LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:168 Resp: 111225
Ion Ratio Lower Upper
168 100
99 47.7 41.1 61.7

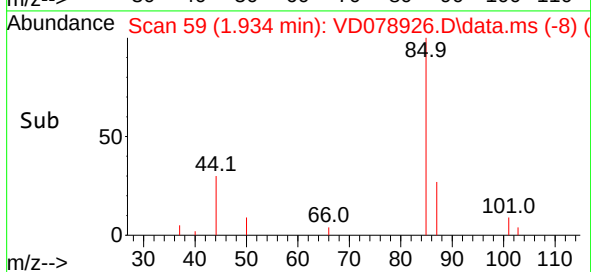
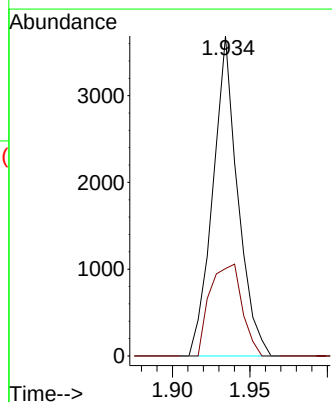
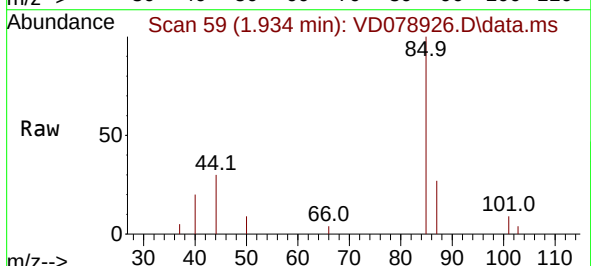
Manual Integrations
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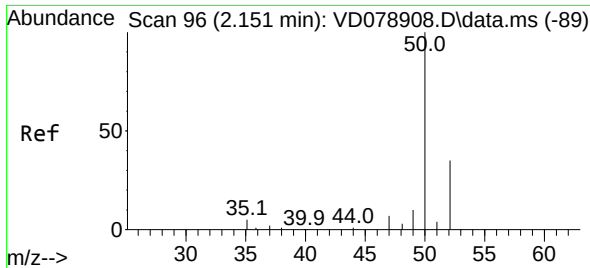
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#2
Dichlorodifluoromethane
Concen: 3.976 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

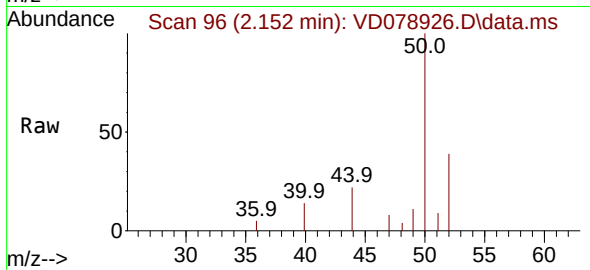
Tgt Ion: 85 Resp: 4132
Ion Ratio Lower Upper
85 100
87 27.3 16.0 48.0





#3
Chloromethane
Concen: 4.778 ug/l
RT: 2.152 min Scan# 90
Delta R.T. 0.001 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

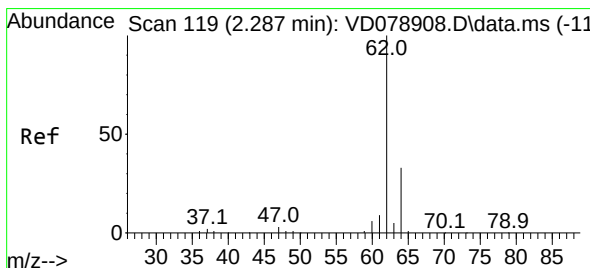
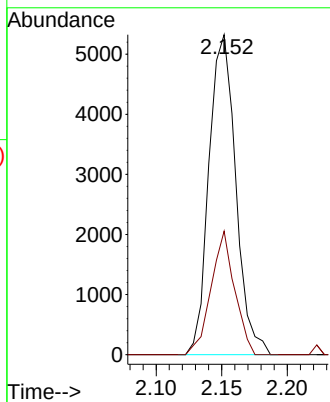
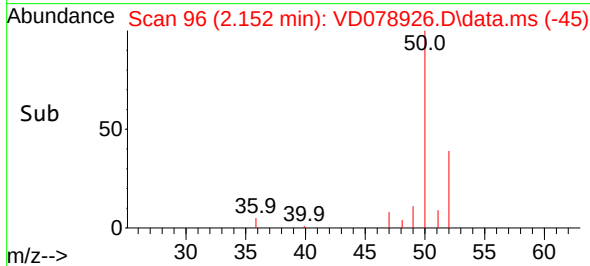
Instrument :
MSVOA_D
ClientSampleId :
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Tgt Ion: 50 Resp: 7569
Ion Ratio Lower Upper
50 100
52 38.6 28.2 42.2

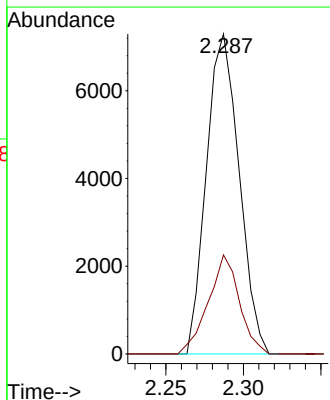
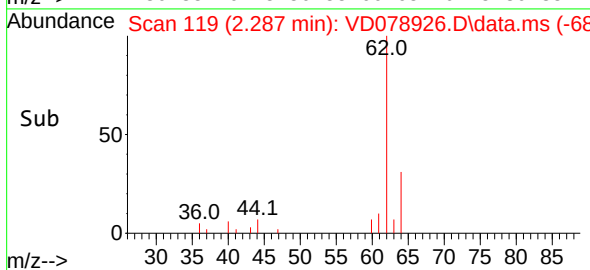
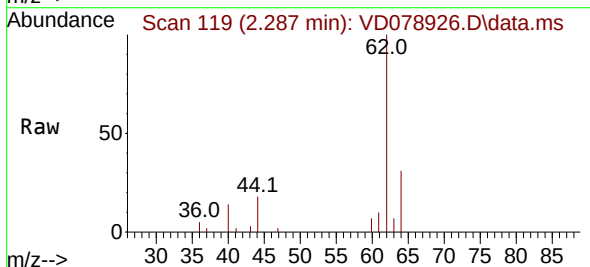
Manual Integrations
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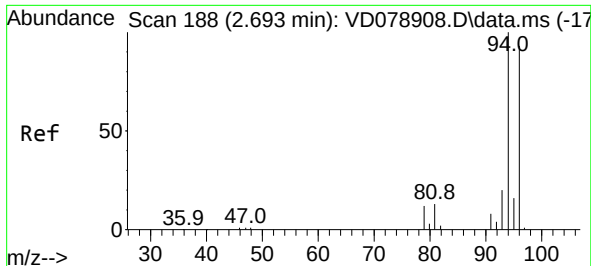
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#4
Vinyl Chloride
Concen: 4.467 ug/l
RT: 2.287 min Scan# 119
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

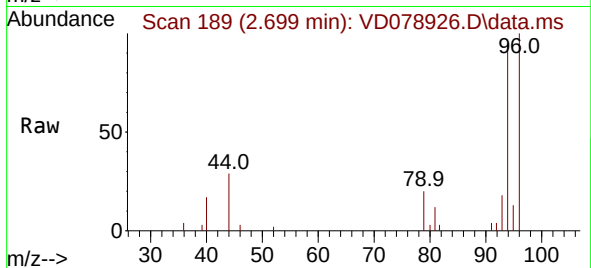
Tgt Ion: 62 Resp: 10701
Ion Ratio Lower Upper
62 100
64 31.0 26.3 39.5





#5
Bromomethane
Concen: 4.991 ug/l
RT: 2.699 min Scan# 1155
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

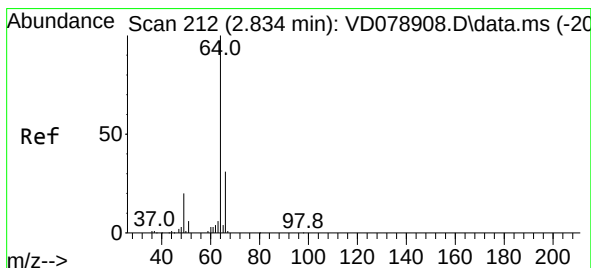
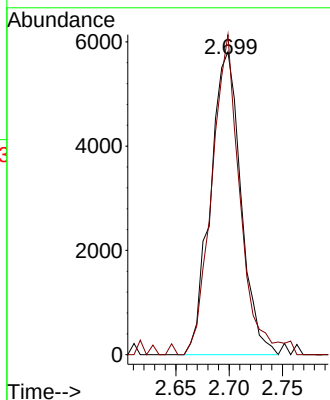
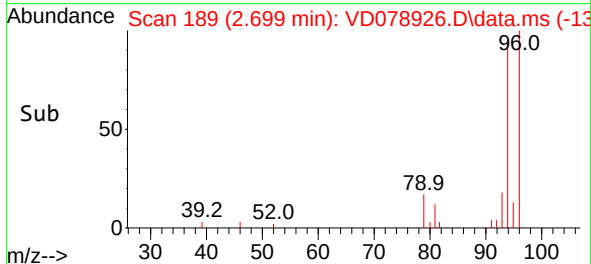
Instrument : MSVOA_D
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Tgt Ion: 94 Resp: 1155
Ion Ratio Lower Upper
94 100
96 98.1 76.9 115.3

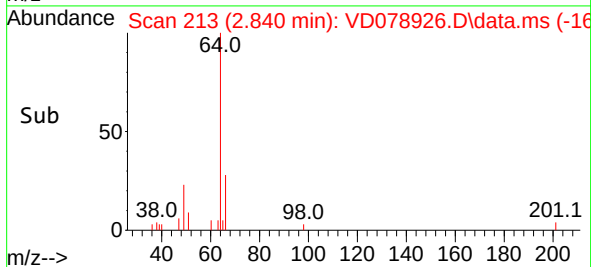
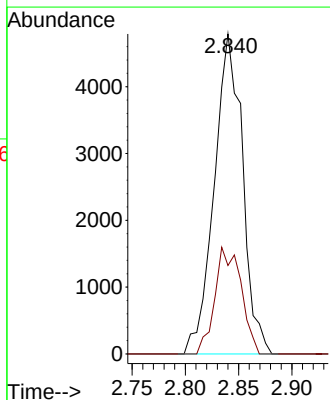
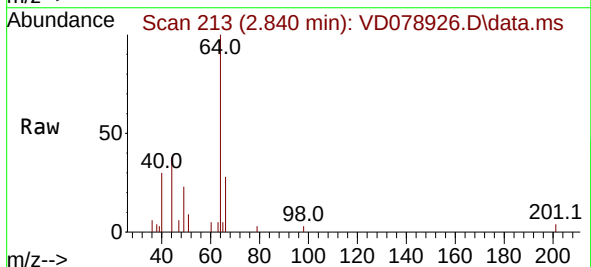
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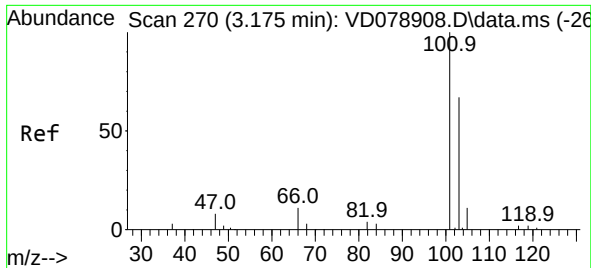
Reviewed By :Mahesh Dadoda 05/16/2024
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#6
Chloroethane
Concen: 4.450 ug/l
RT: 2.840 min Scan# 213
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

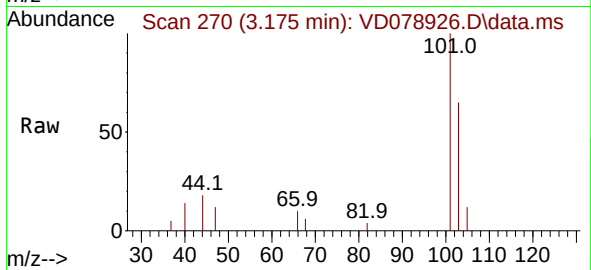
Tgt Ion: 64 Resp: 8853
Ion Ratio Lower Upper
64 100
66 27.7 24.5 36.7





#7
Trichlorofluoromethane
Concen: 3.742 ug/l
RT: 3.175 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

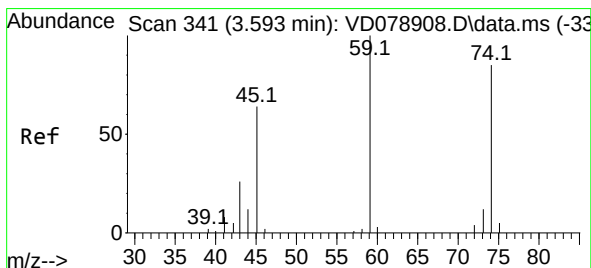
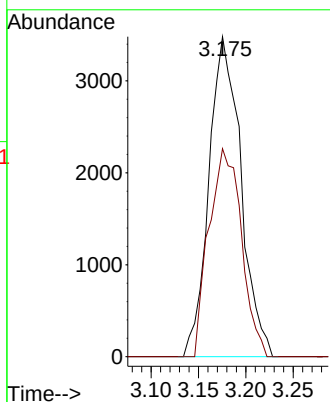
Instrument :
MSVOA_D
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LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:101 Resp: 8152
Ion Ratio Lower Upper
101 100
103 65.0 53.2 79.8

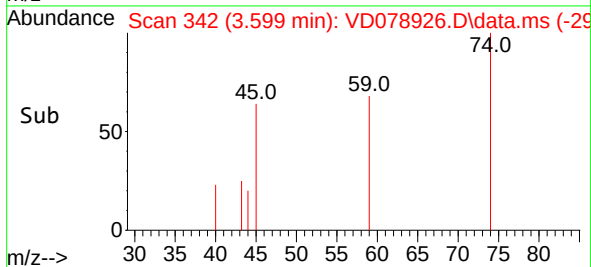
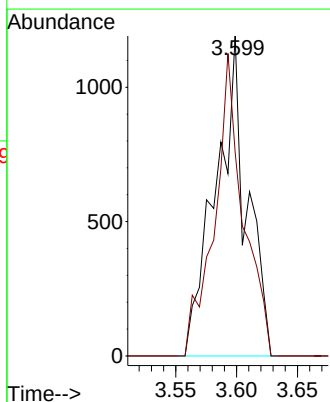
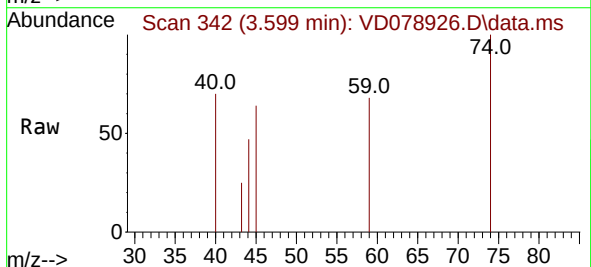
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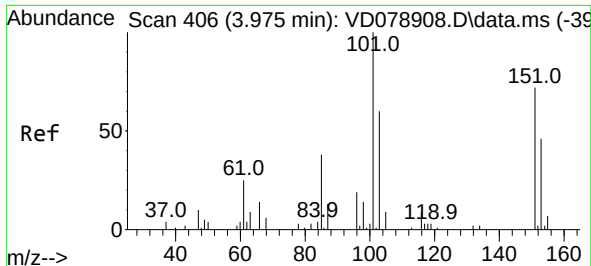
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#8
Diethyl Ether
Concen: 3.872 ug/l
RT: 3.599 min Scan# 342
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion: 74 Resp: 2117
Ion Ratio Lower Upper
74 100
45 87.2 37.9 113.6





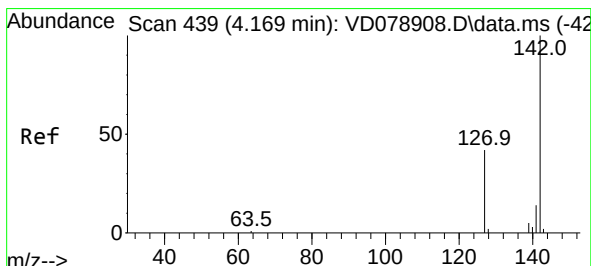
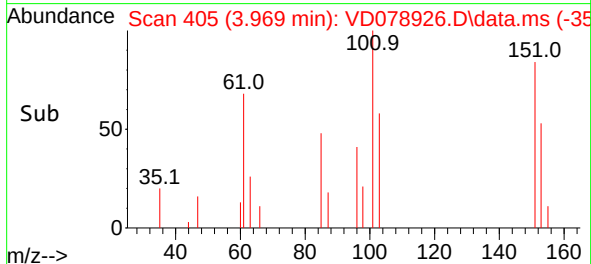
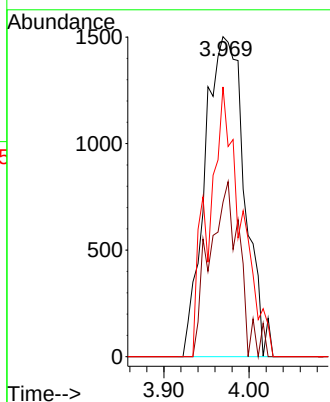
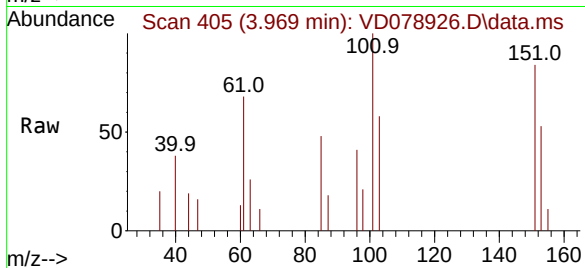
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.214 ug/l
RT: 3.969 min Scan# 406
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:101 Resp: 484
Ion Ratio Lower Upper
101 100
85 41.8 33.5 50.3
151 69.7 60.3 90.5

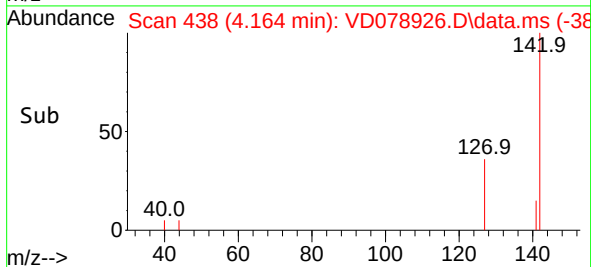
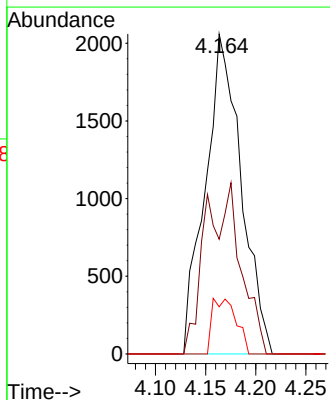
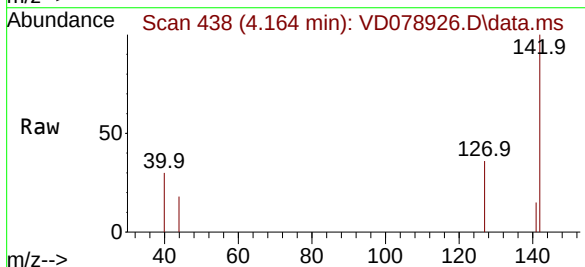
Manual Integrations
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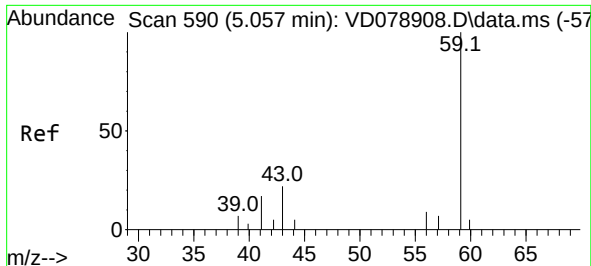
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#10
Methyl Iodide
Concen: 3.730 ug/l
RT: 4.164 min Scan# 438
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion:142 Resp: 5126
Ion Ratio Lower Upper
142 100
127 25.5 34.2 51.4#
141 11.5 11.7 17.5#





#11

Tert butyl alcohol

Concen: 18.626 ug/l m

RT: 5.069 min Scan# 590

Delta R.T. 0.012 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

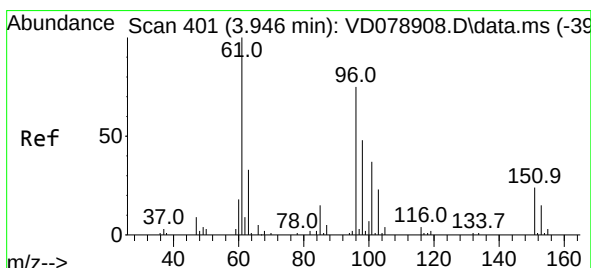
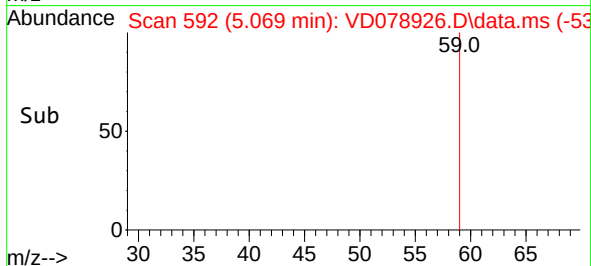
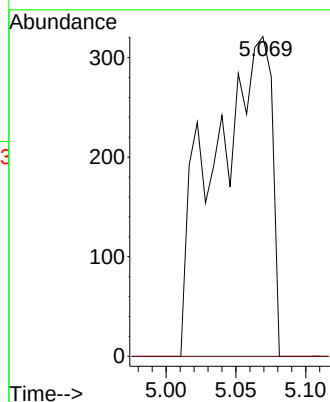
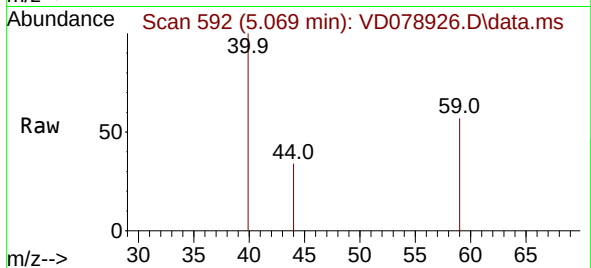
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 59 Resp: 920
 Ion Ratio Lower Upper
 59 100
 57 0.0 3.6 5.4

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024



#12

1,1-Dichloroethene

Concen: 4.172 ug/l

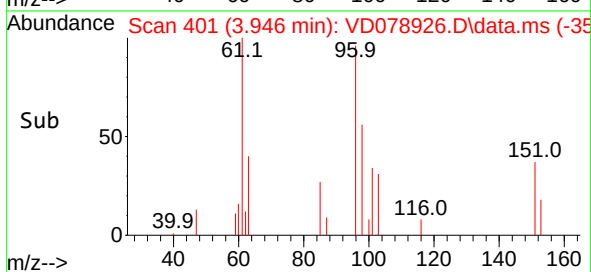
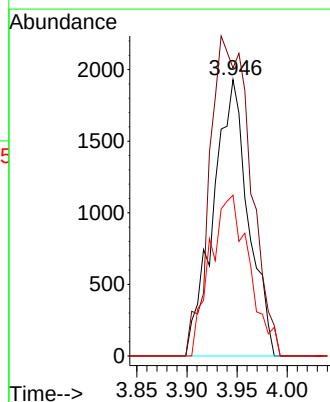
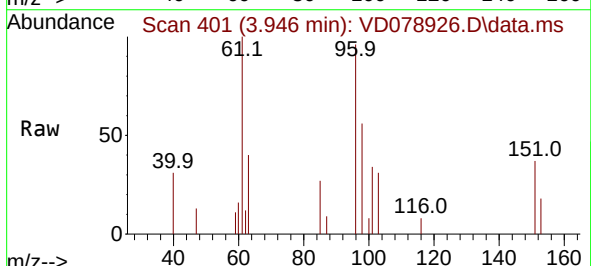
RT: 3.946 min Scan# 401

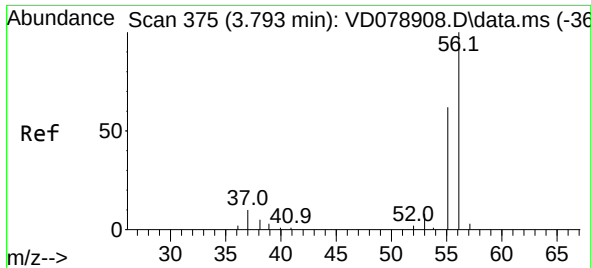
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Tgt Ion: 96 Resp: 4697
 Ion Ratio Lower Upper
 96 100
 61 104.2 107.3 160.9#
 98 58.2 51.7 77.5





#13

Acrolein

Concen: 16.609 ug/l

RT: 3.811 min Scan# 31

Delta R.T. 0.018 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 56 Resp: 1729

Ion Ratio Lower Upper

56 100

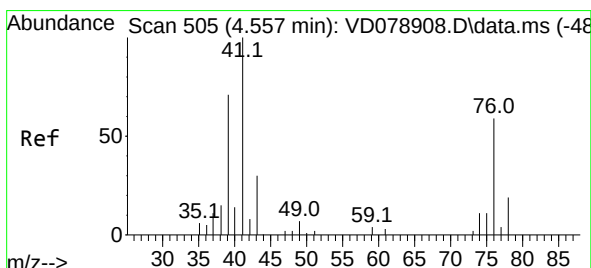
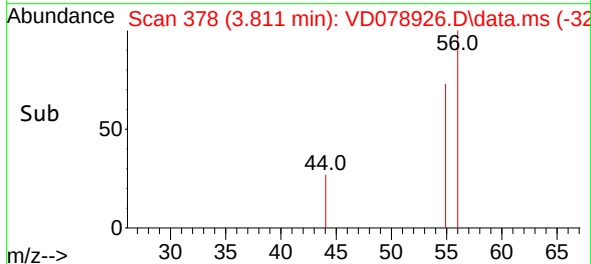
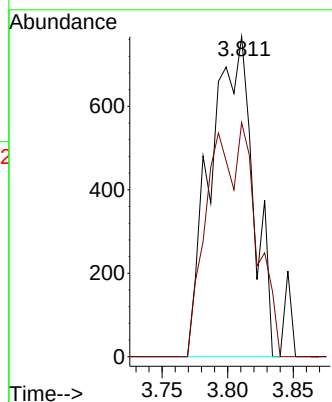
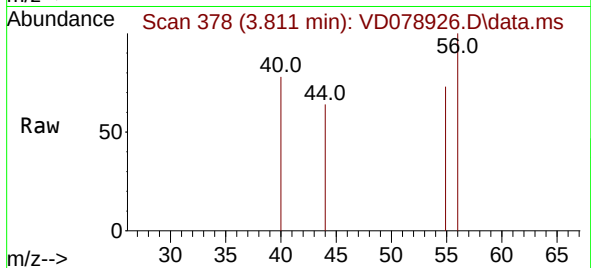
55 47.4 55.3 82.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024

Supervised By :Semsettin Yesilyurt 05/16/2024



#14

Allyl chloride

Concen: 3.820 ug/l

RT: 4.575 min Scan# 508

Delta R.T. 0.018 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

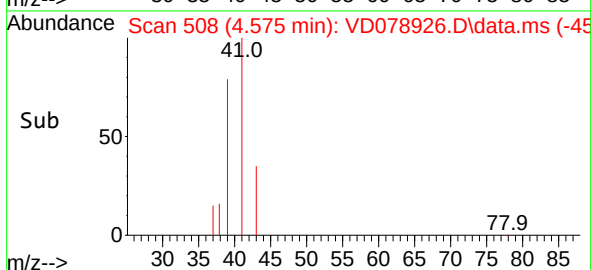
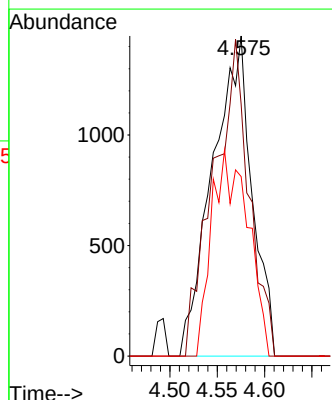
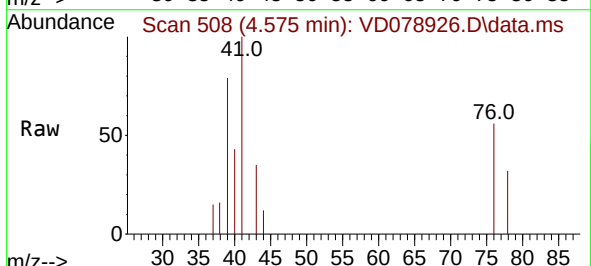
Tgt Ion: 41 Resp: 4197

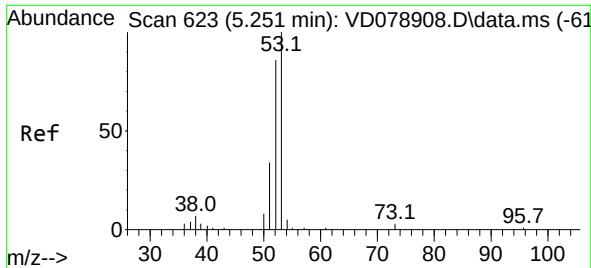
Ion Ratio Lower Upper

41 100

39 89.0 58.0 87.0

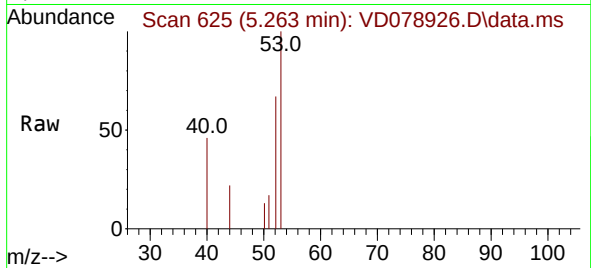
76 59.2 45.9 68.9





#15
Acrylonitrile
Concen: 19.443 ug/l
RT: 5.263 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

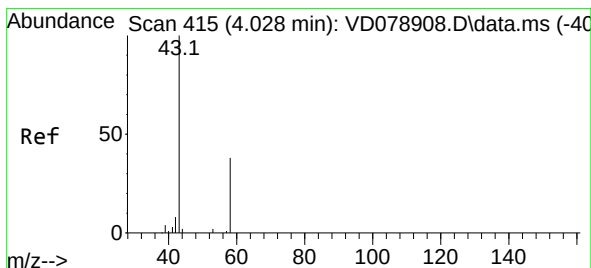
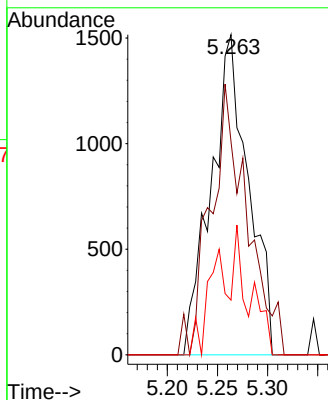
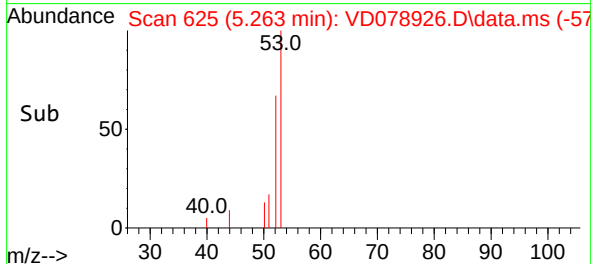
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 53 Resp: 392
Ion Ratio Lower Upper
53 100
52 0.0 67.7 101.5
51 5.3 28.6 42.8

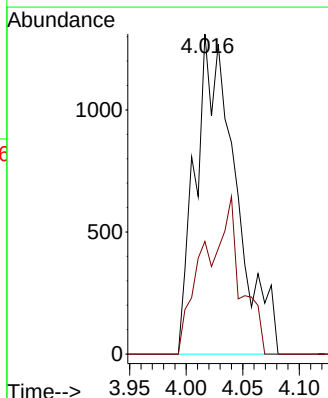
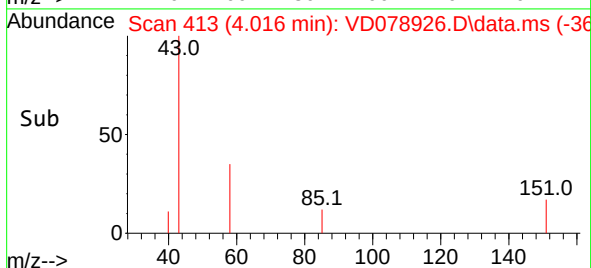
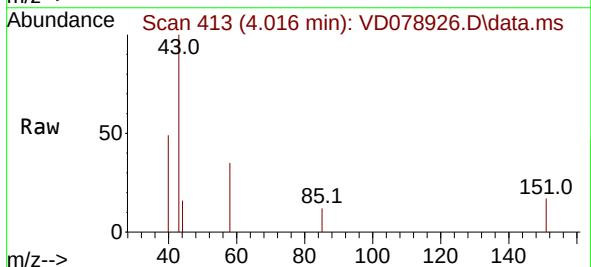
Manual Integrations
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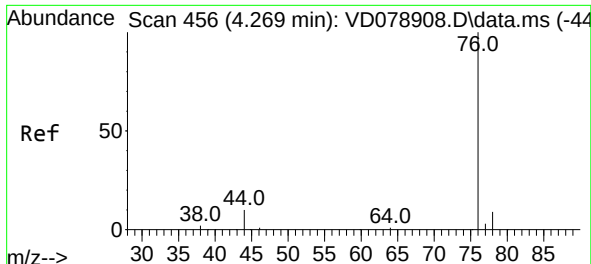
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#16
Acetone
Concen: 19.537 ug/l m
RT: 4.016 min Scan# 413
Delta R.T. -0.011 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

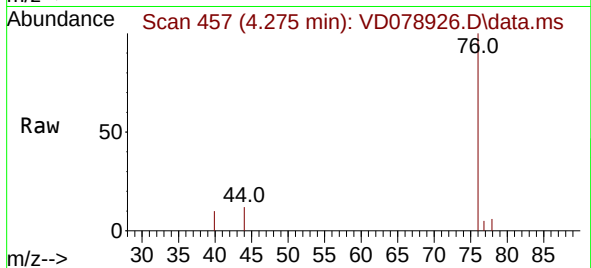
Tgt Ion: 43 Resp: 3250
Ion Ratio Lower Upper
43 100
58 35.2 30.4 45.6





#17
Carbon Disulfide
Concen: 4.497 ug/l
RT: 4.275 min Scan# 457
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

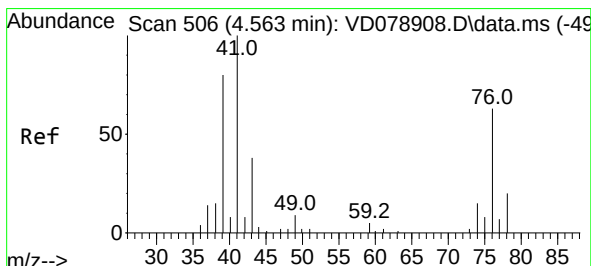
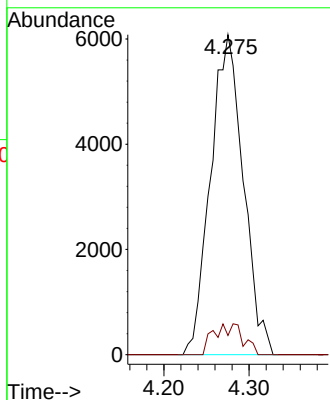
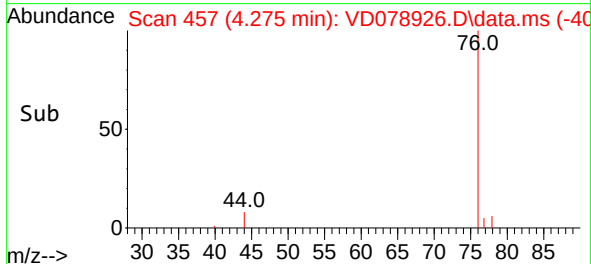
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 76 Resp: 16292
Ion Ratio Lower Upper
76 100
78 6.0 6.9 10.3

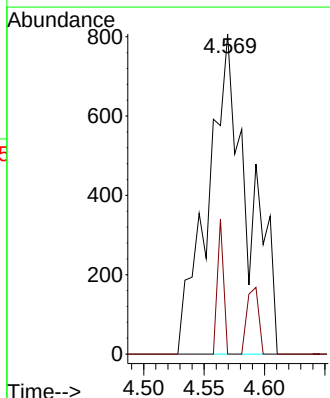
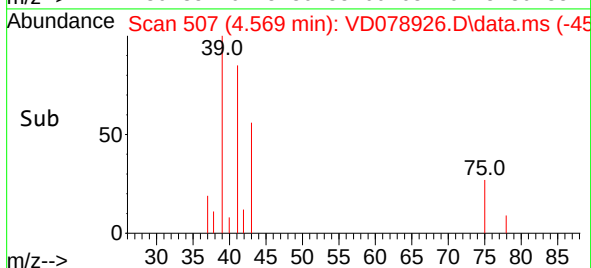
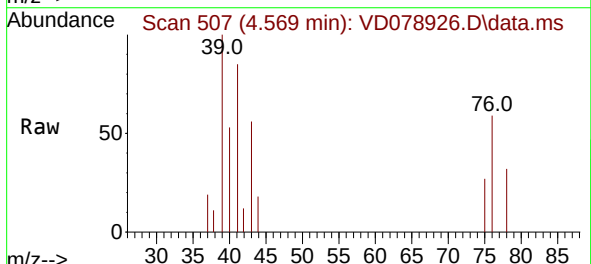
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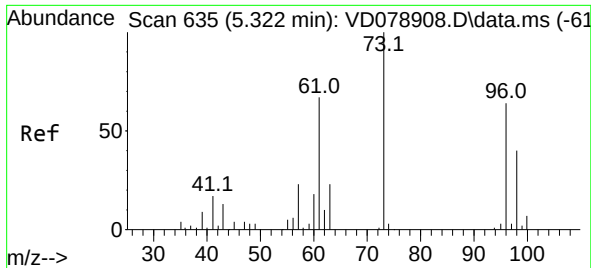
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#18
Methyl Acetate
Concen: 4.882 ug/l m
RT: 4.569 min Scan# 507
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

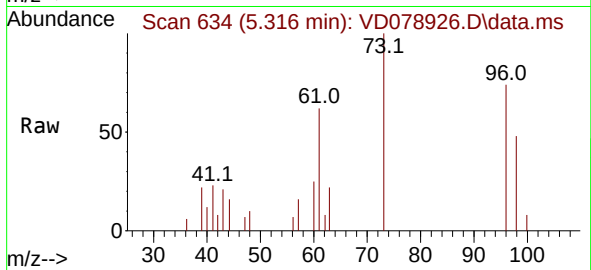
Tgt Ion: 43 Resp: 1870
Ion Ratio Lower Upper
43 100
74 6.4 28.1 42.1#





#19
Methyl tert-butyl Ether
Concen: 3.568 ug/l
RT: 5.316 min Scan# 61
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

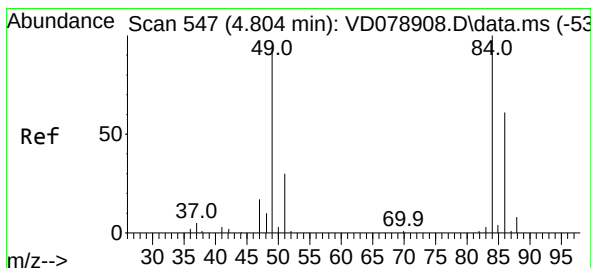
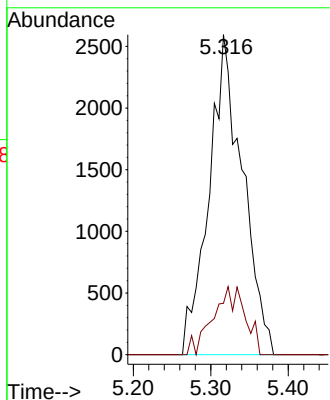
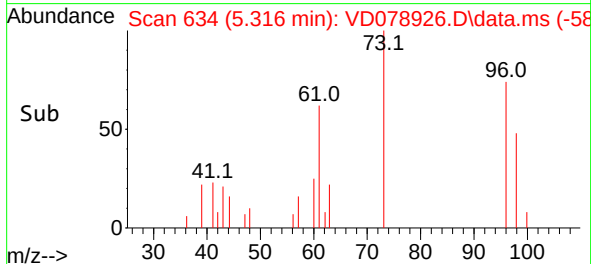
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 73 Resp: 7828
Ion Ratio Lower Upper
73 100
57 16.1 18.3 27.5

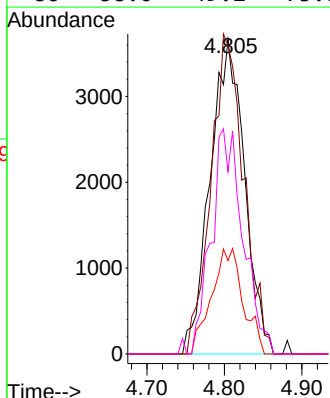
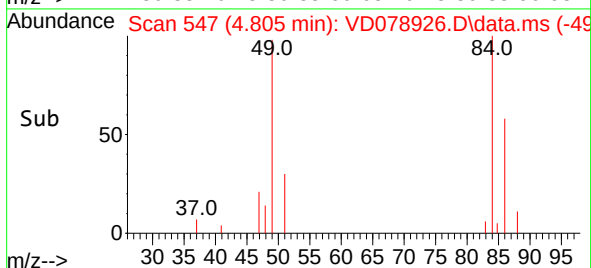
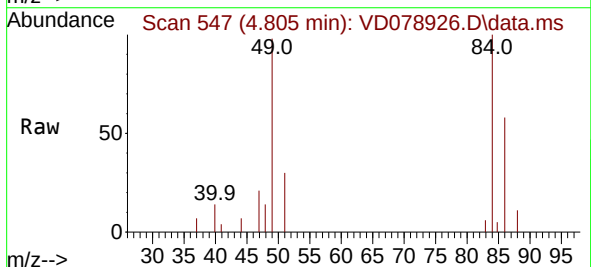
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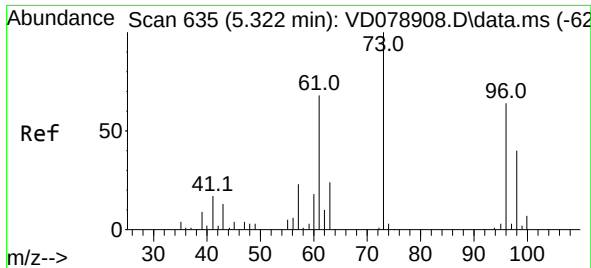
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#20
Methylene Chloride
Concen: 6.604 ug/l
RT: 4.805 min Scan# 547
Delta R.T. 0.001 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

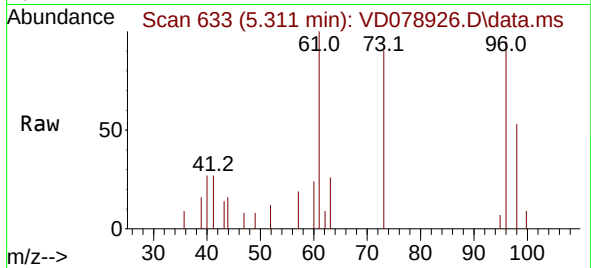
Tgt Ion: 84 Resp: 11348
Ion Ratio Lower Upper
84 100
49 98.1 75.6 113.4
51 29.7 24.2 36.2
86 58.0 49.2 73.8





#21
trans-1,2-Dichloroethene
Concen: 4.622 ug/l
RT: 5.311 min Scan# 611
Delta R.T. -0.011 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

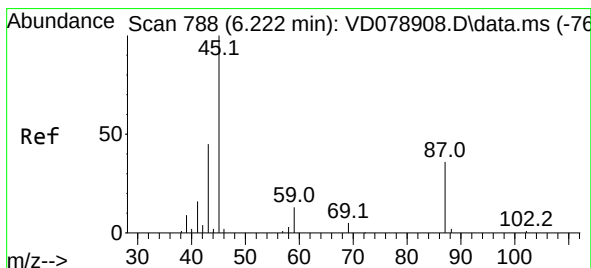
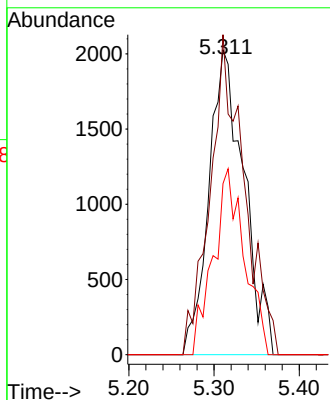
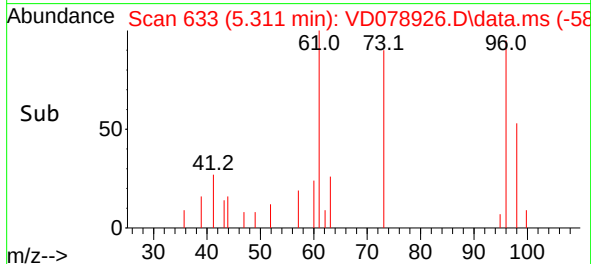
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 96 Resp: 5800
Ion Ratio Lower Upper
96 100
61 105.0 84.5 126.7
98 56.1 50.5 75.7

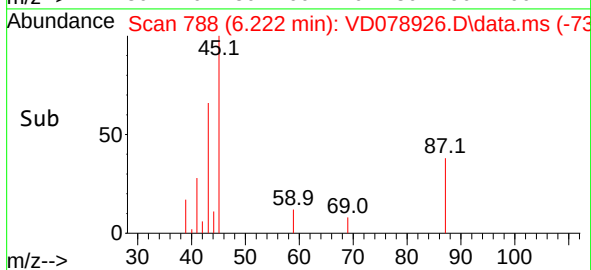
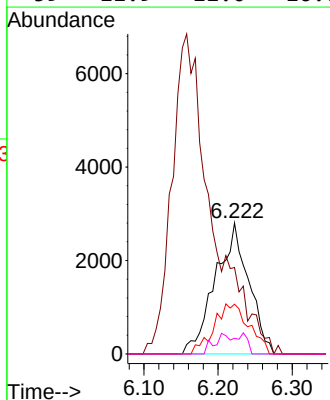
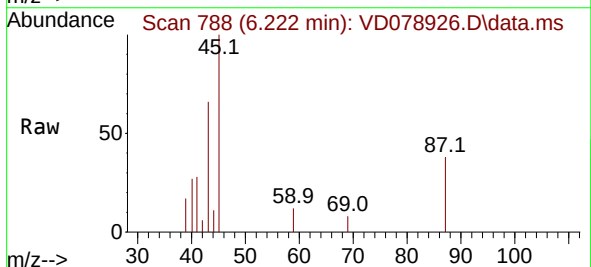
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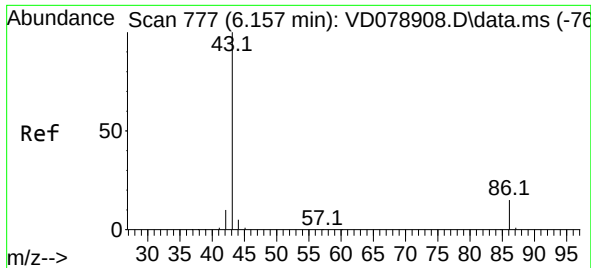
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#22
Diisopropyl ether
Concen: 3.521 ug/l
RT: 6.222 min Scan# 788
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

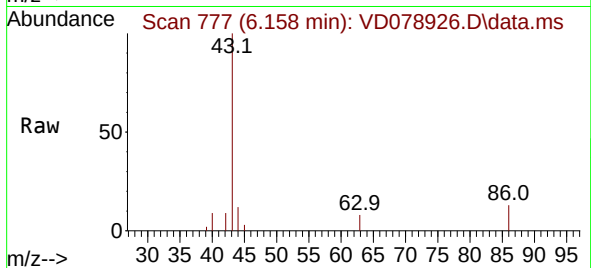
Tgt Ion: 45 Resp: 8750
Ion Ratio Lower Upper
45 100
43 59.5 41.7 62.5
87 38.0 30.2 45.2
59 11.9 11.0 16.6





#23
 Vinyl Acetate
 Concen: 17.189 ug/l m
 RT: 6.158 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08

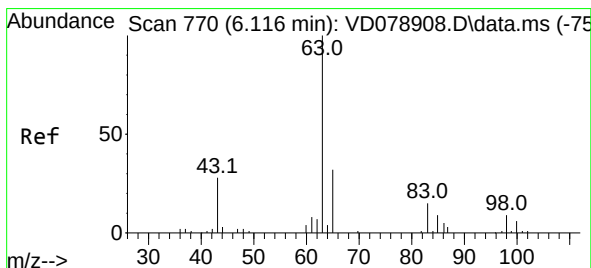
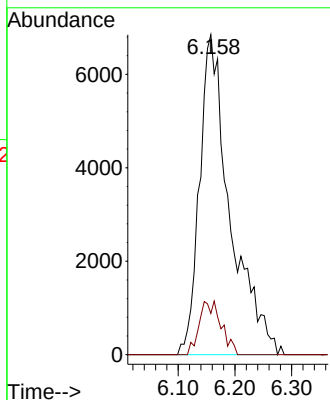
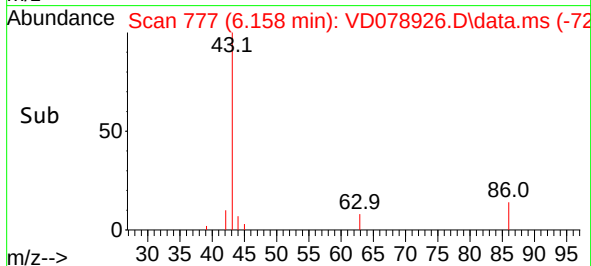
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024



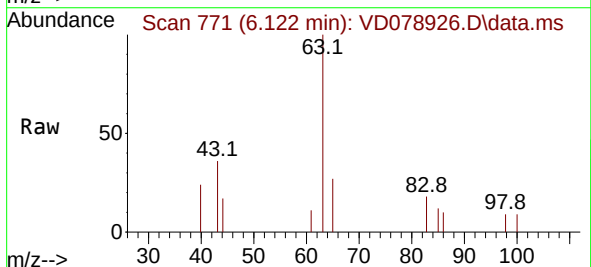
Tgt Ion: 43 Resp: 25620
 Ion Ratio Lower Upper
 43 100
 86 12.9 12.3 18.5

Manual Integrations
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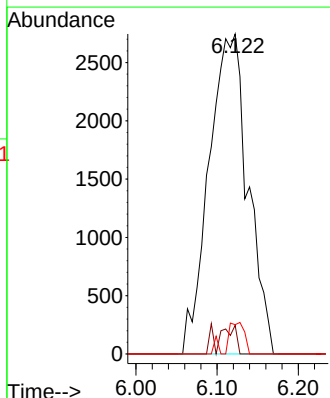
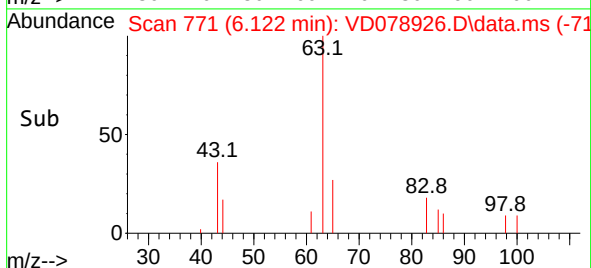
Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

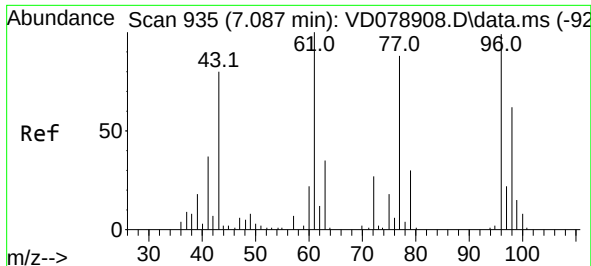


#24
 1,1-Dichloroethane
 Concen: 4.656 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. 0.006 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08



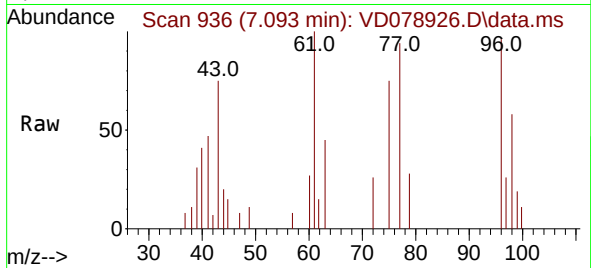
Tgt Ion: 63 Resp: 9171
 Ion Ratio Lower Upper
 63 100
 98 9.0 4.7 14.0
 100 9.2 2.9 8.6#





#25
2-Butanone
Concen: 18.855 ug/l
RT: 7.093 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

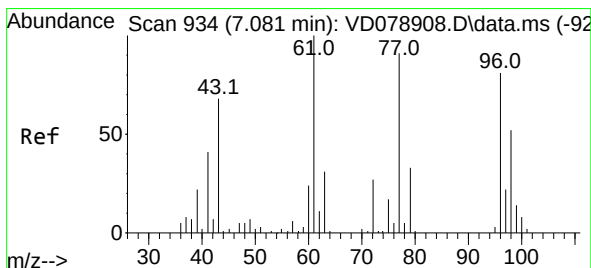
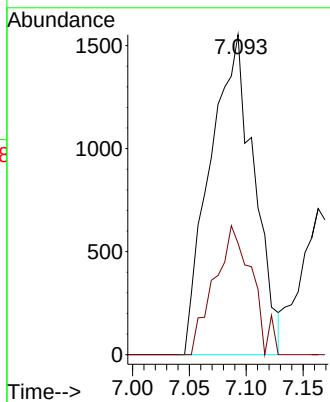
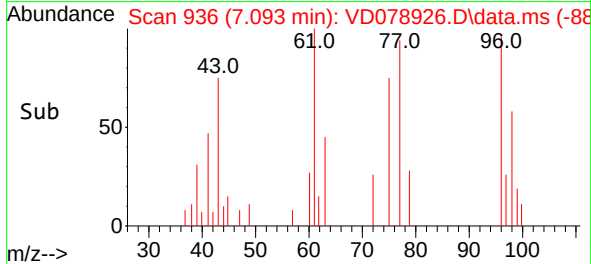
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 419
Ion Ratio Lower Upper
43 100
72 34.8 26.4 39.6

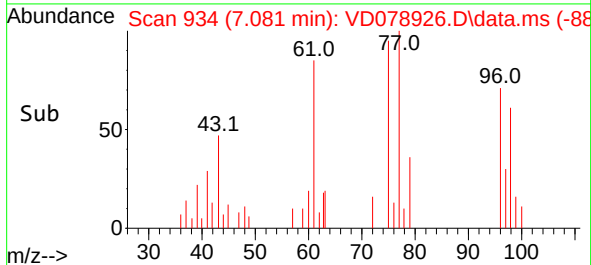
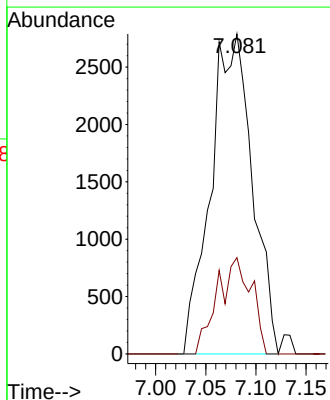
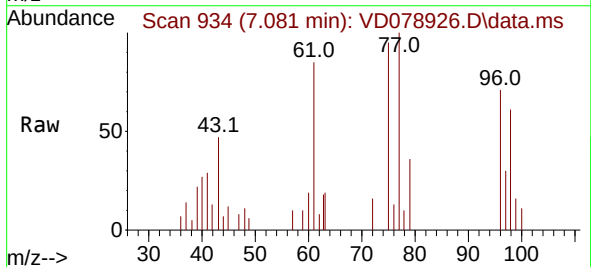
Manual Integrations
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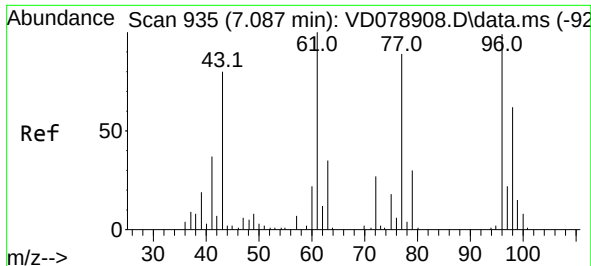
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#26
2,2-Dichloropropane
Concen: 4.666 ug/l
RT: 7.081 min Scan# 934
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion: 77 Resp: 8077
Ion Ratio Lower Upper
77 100
97 24.5 12.4 37.2





#27

cis-1,2-Dichloroethene

Concen: 4.017 ug/l

RT: 7.087 min Scan# 91

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

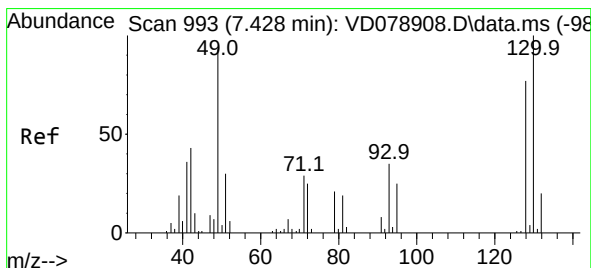
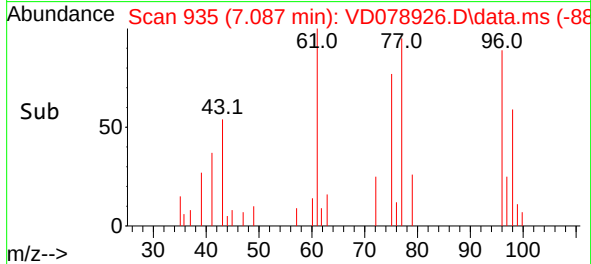
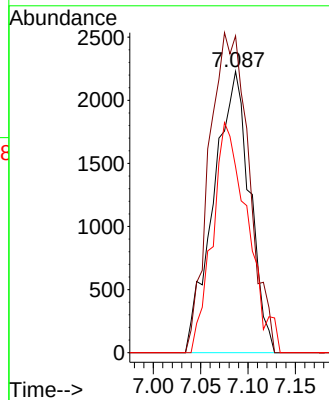
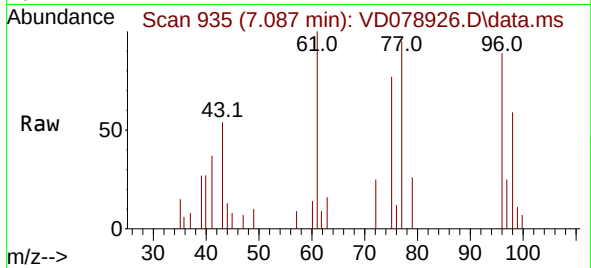
Tgt Ion: 96	Resp: 5919
Ion Ratio	Lower Upper
96 100	
61 124.8	0.0 229.0
98 79.6	0.0 127.2

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024

Supervised By :Semsettin Yesilyurt 05/16/2024



#28

Bromochloromethane

Concen: 5.381 ug/l

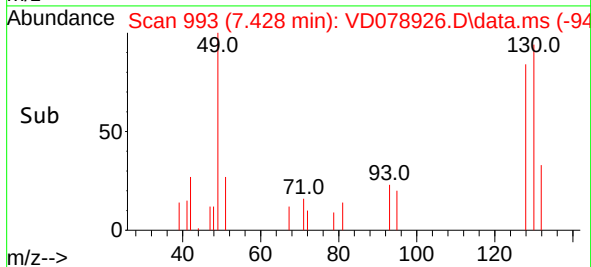
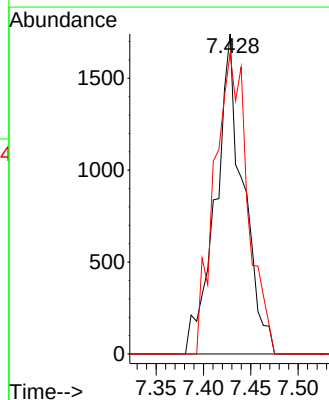
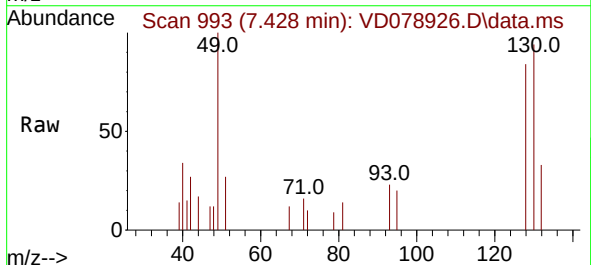
RT: 7.428 min Scan# 993

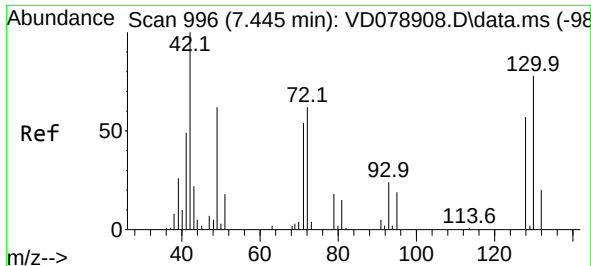
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Tgt Ion: 49	Resp: 3535
Ion Ratio	Lower Upper
49 100	
129 0.0	0.0 7.0
130 113.0	87.7 131.5





#29

Tetrahydrofuran

Concen: 16.101 ug/l

RT: 7.457 min Scan# 998

Delta R.T. 0.012 min

Lab File: VD078926.D

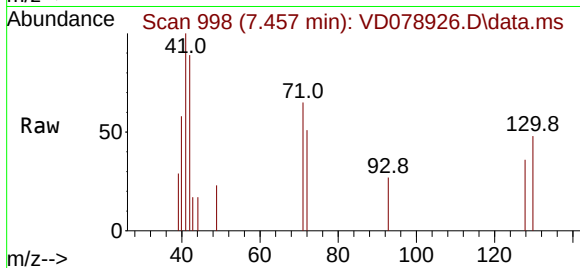
Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

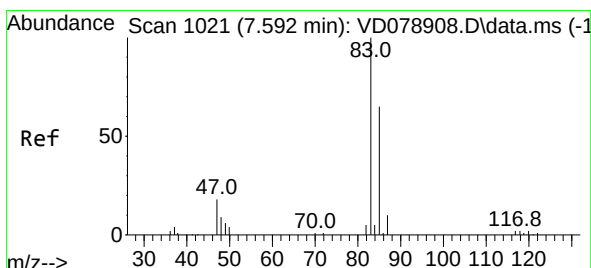
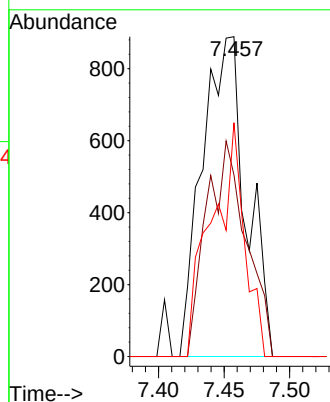
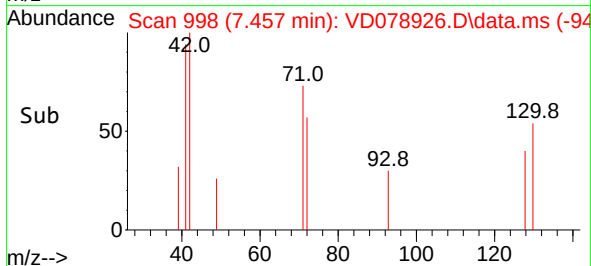


Tgt Ion:	42	Resp:	2072
Ion Ratio	Lower	Upper	
42	100		
72	61.2	49.4	74.0
71	54.2	45.0	67.6

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#30

Chloroform

Concen: 4.736 ug/l

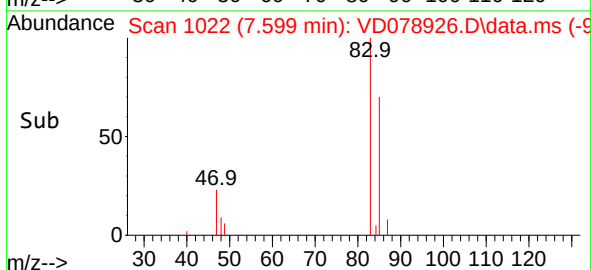
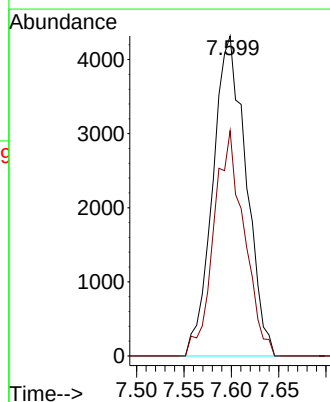
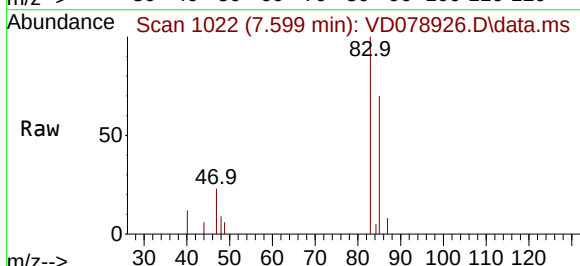
RT: 7.599 min Scan# 1022

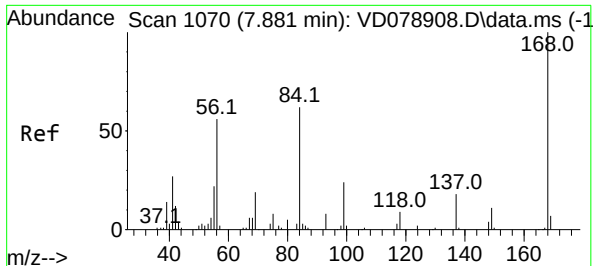
Delta R.T. 0.006 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

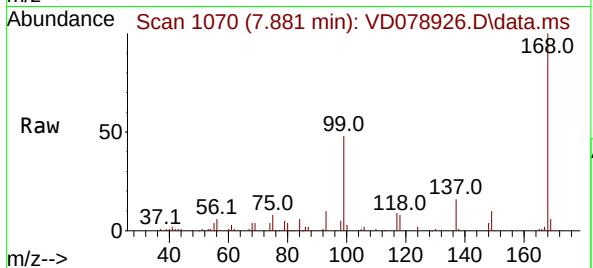
Tgt Ion:	83	Resp:	10566
Ion Ratio	Lower	Upper	
83	100		
85	70.4	51.8	77.6





#31
Cyclohexane
Concen: 4.795 ug/l
RT: 7.881 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

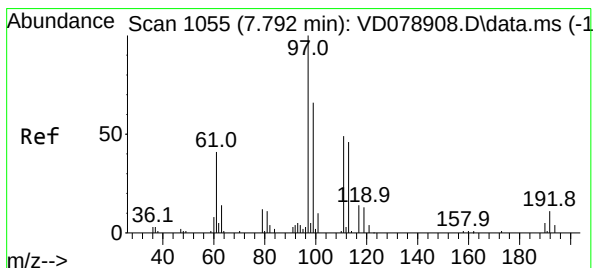
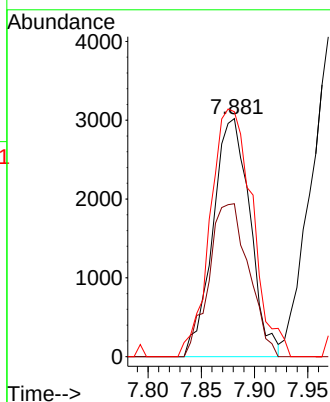
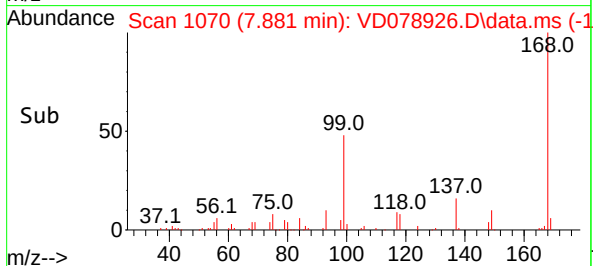
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



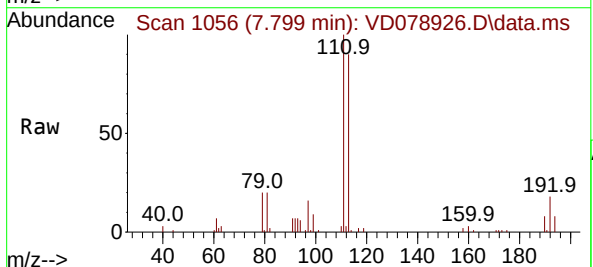
Tgt Ion: 56 Resp: 7309
Ion Ratio Lower Upper
56 100
69 64.2 28.0 42.0
84 102.9 87.4 131.0

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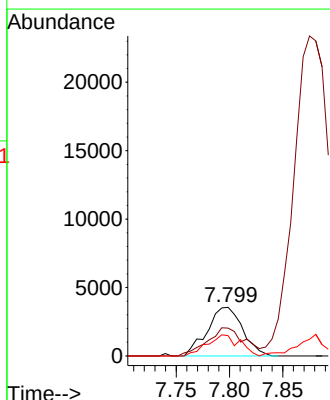
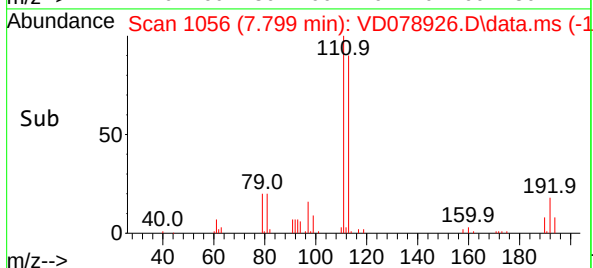
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

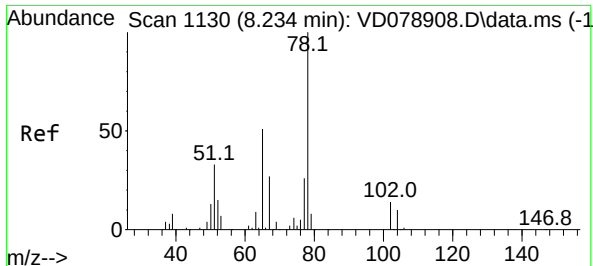


#32
1,1,1-Trichloroethane
Concen: 4.279 ug/l
RT: 7.799 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



Tgt Ion: 97 Resp: 8176
Ion Ratio Lower Upper
97 100
99 61.1 51.3 76.9
61 39.8 31.4 47.2





#33

1,2-Dichloroethane-d4

Concen: 46.502 ug/l

RT: 8.228 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 65 Resp: 4851

Ion Ratio Lower Upper

65 100

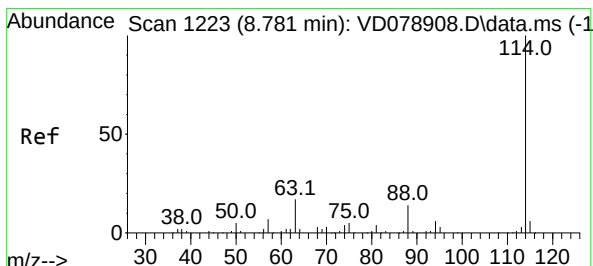
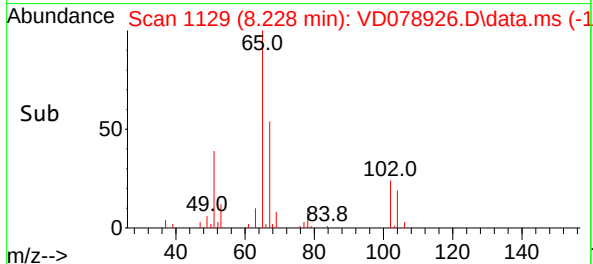
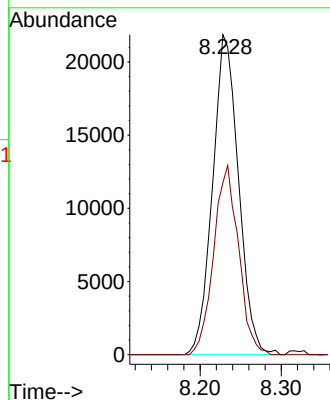
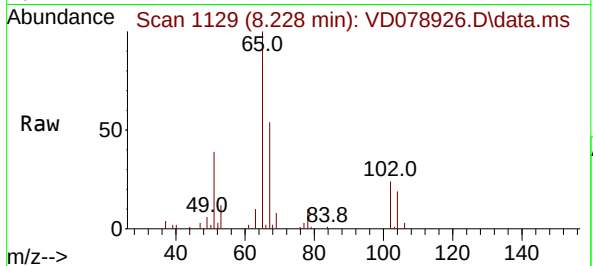
67 56.7 0.0 111.0

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Reviewed By :Mahesh Dadoda 05/16/2024

Supervised By :Semsettin Yesilyurt 05/16/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.781 min Scan# 1223

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

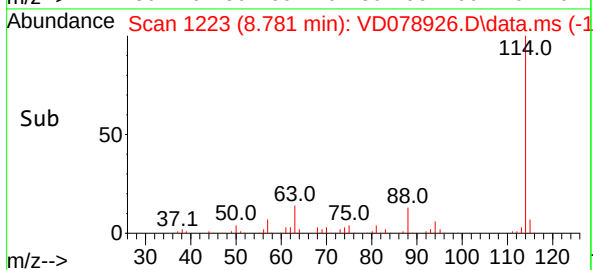
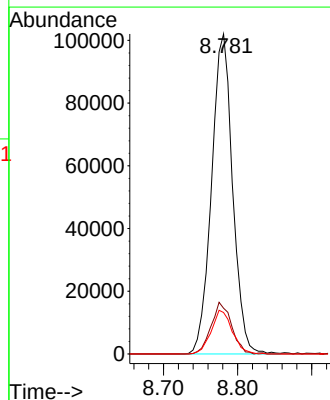
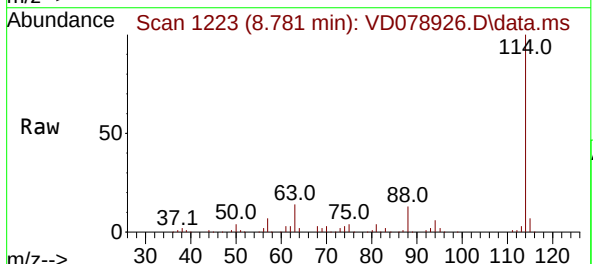
Tgt Ion:114 Resp: 201189

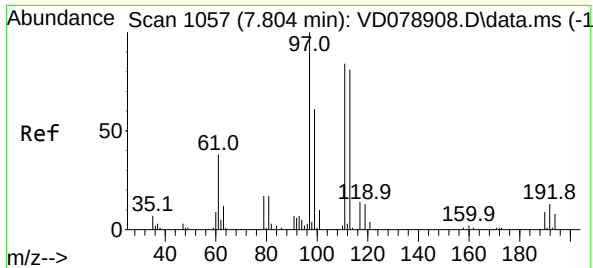
Ion Ratio Lower Upper

114 100

63 14.3 0.0 34.0

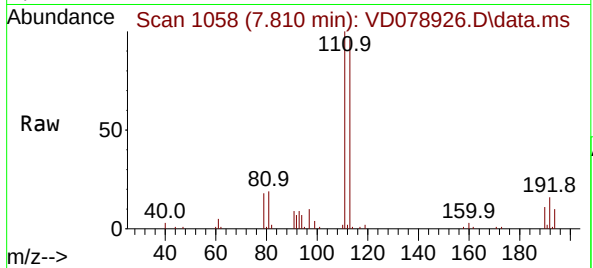
88 13.0 0.0 27.2





#35
Dibromofluoromethane
Concen: 43.993 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

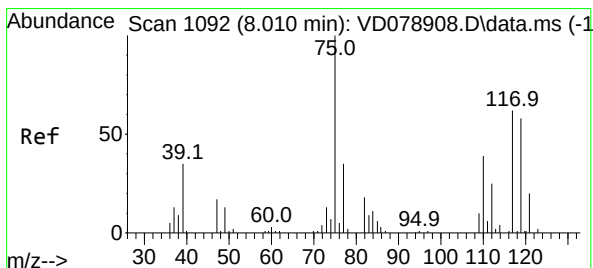
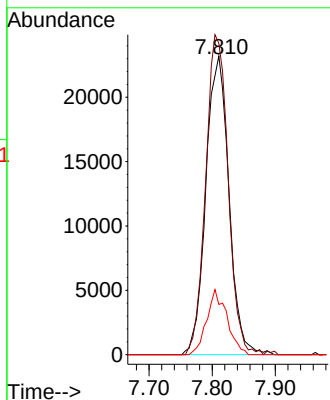
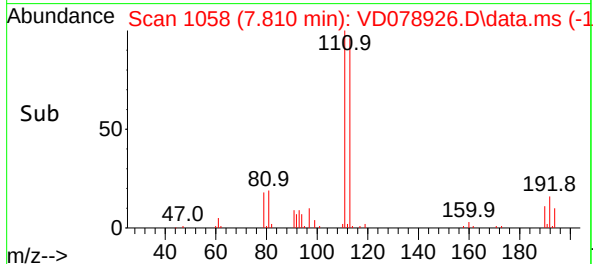
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



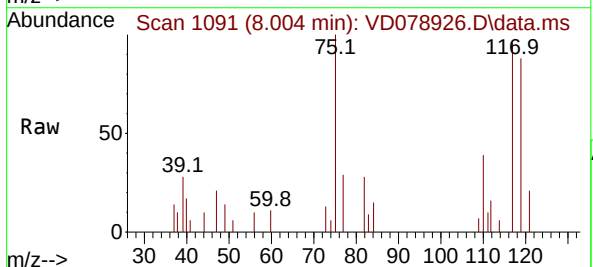
Tgt Ion: 113 Resp: 5891
Ion Ratio Lower Upper
113 100
111 104.1 84.0 126.0
192 19.2 15.4 23.0

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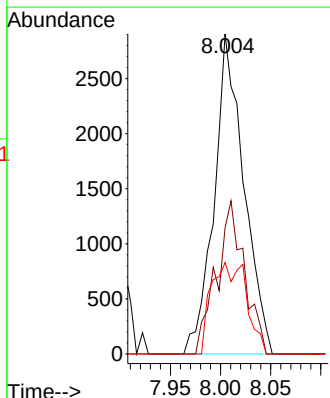
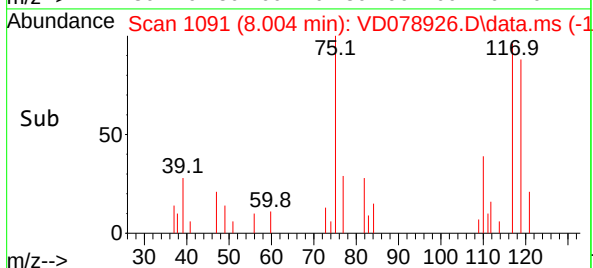
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

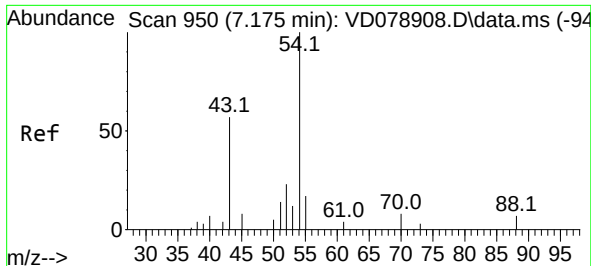


#36
1,1-Dichloropropene
Concen: 3.594 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



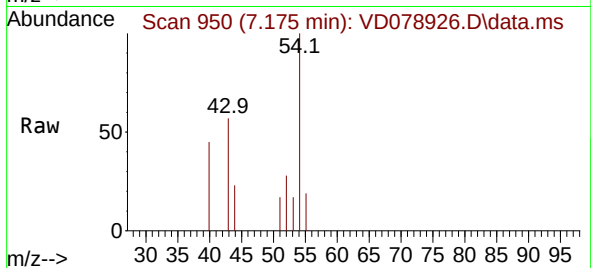
Tgt Ion: 75 Resp: 5989
Ion Ratio Lower Upper
75 100
110 44.8 19.6 58.7
77 33.8 26.1 39.1





#37
Ethyl Acetate
Concen: 3.558 ug/l m
RT: 7.175 min Scan# 950
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

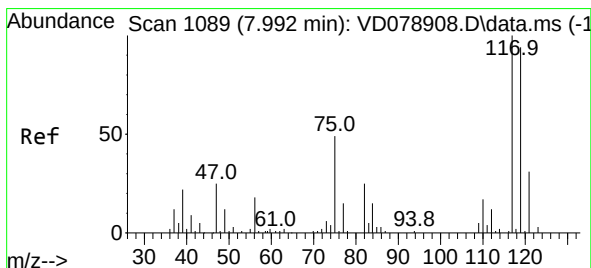
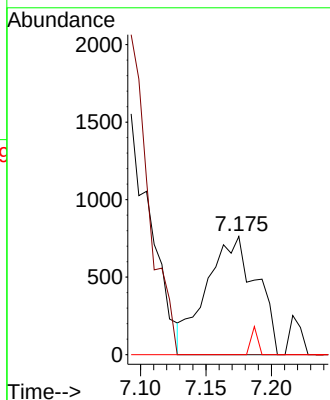
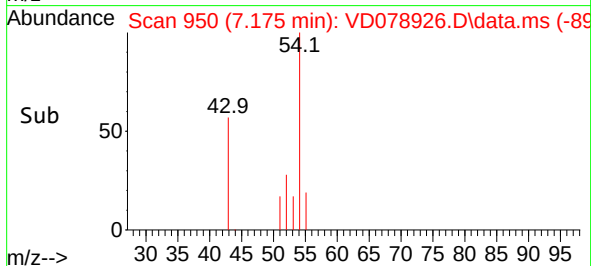
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 202
Ion Ratio Lower Upper
43 100
61 0.0 13.9 20.9
70 3.2 9.8 14.6

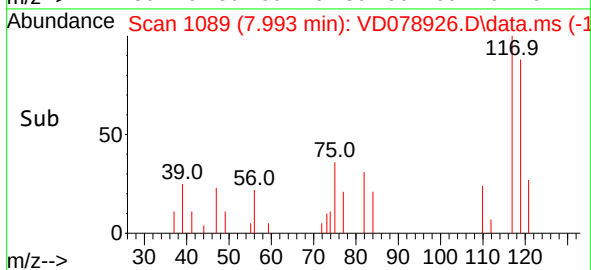
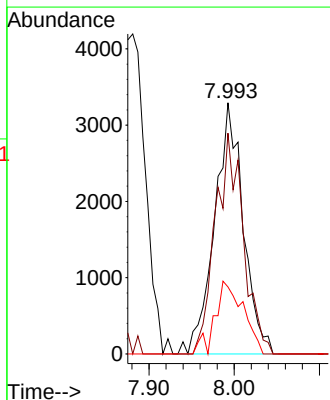
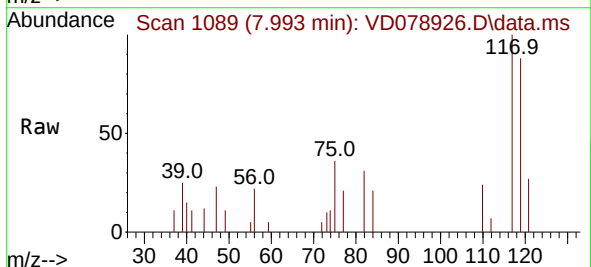
Manual Integrations
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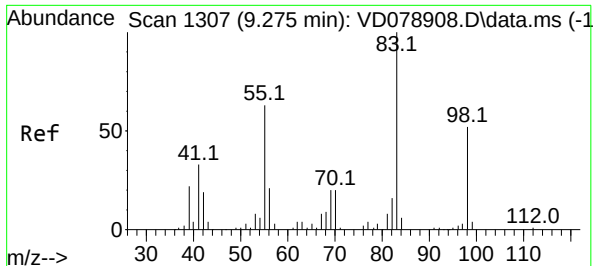
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#38
Carbon Tetrachloride
Concen: 3.968 ug/l
RT: 7.993 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion:117 Resp: 7738
Ion Ratio Lower Upper
117 100
119 87.9 75.4 113.0
121 26.7 25.0 37.4





#39

Methylcyclohexane

Concen: 3.189 ug/l

RT: 9.275 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

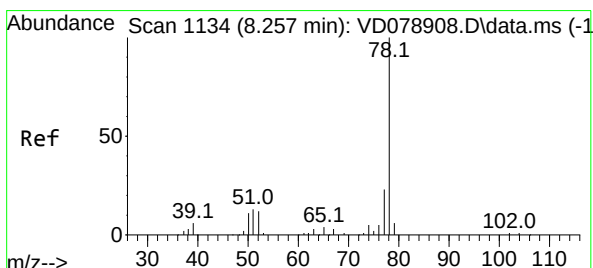
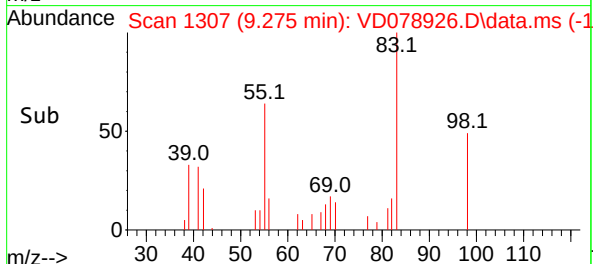
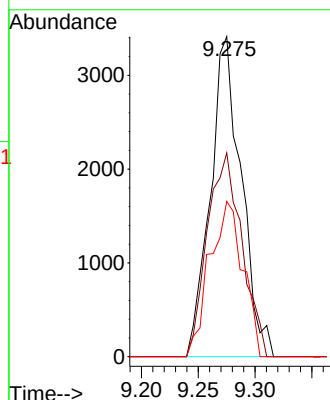
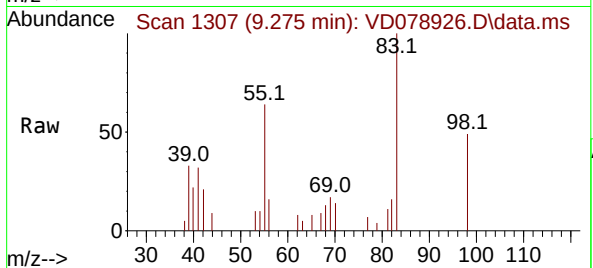
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 83	Resp: 6458
Ion Ratio	Lower Upper
83 100	
55 63.7	50.1 75.1
98 48.5	41.9 62.9

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#40

Benzene

Concen: 3.827 ug/l

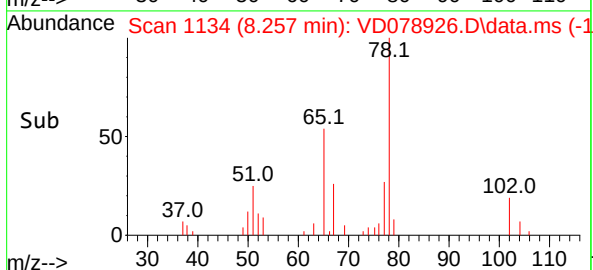
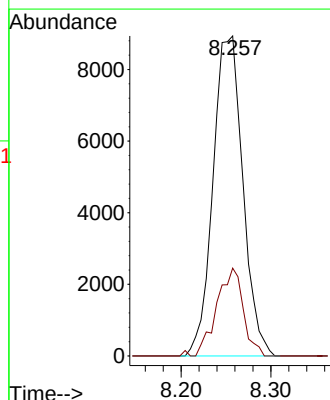
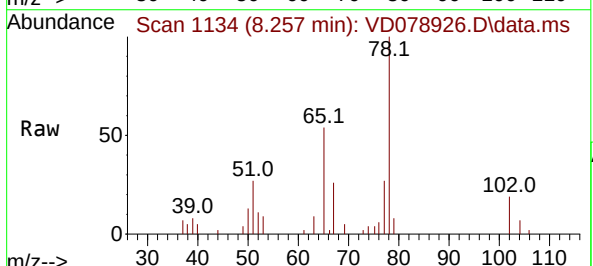
RT: 8.257 min Scan# 1134

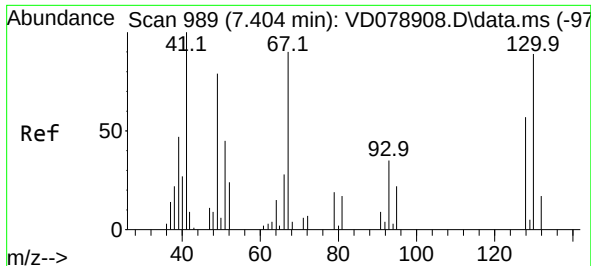
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

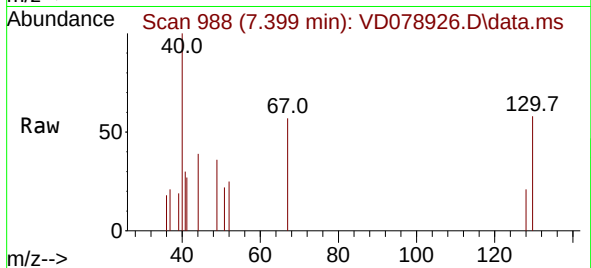
Tgt Ion: 78	Resp: 20629
Ion Ratio	Lower Upper
78 100	
77 27.4	18.1 27.1#





#41
Methacrylonitrile
Concen: 3.495 ug/l m
RT: 7.399 min Scan# 988
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

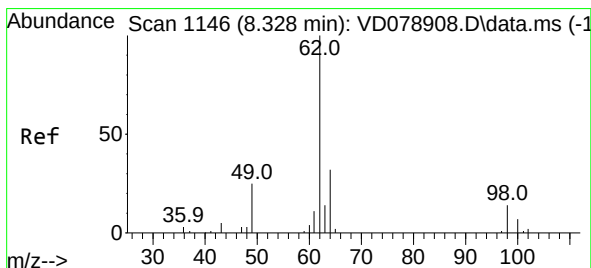
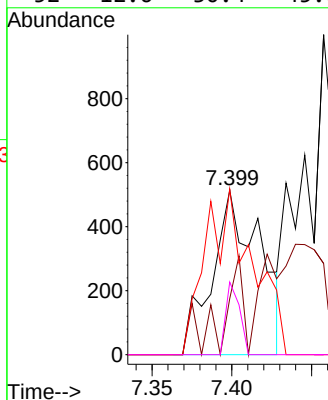
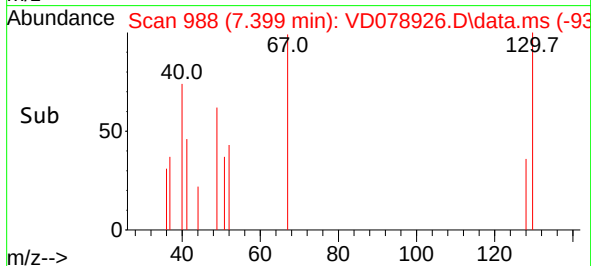
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 41 Resp: 1068
Ion Ratio Lower Upper
41 100
39 21.2 41.4 62.0
67 0.0 85.8 128.6
52 12.6 30.4 45.6

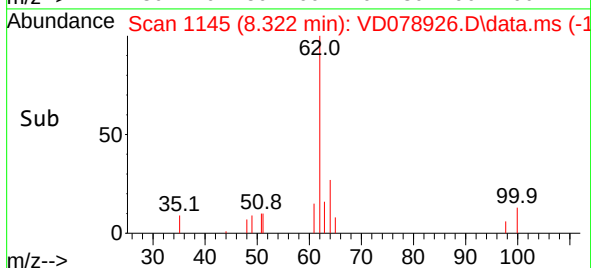
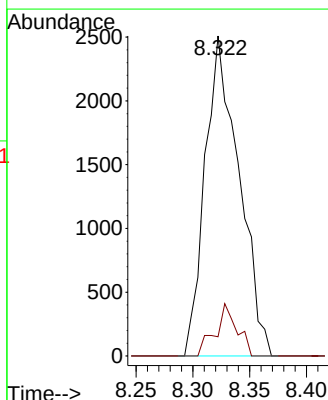
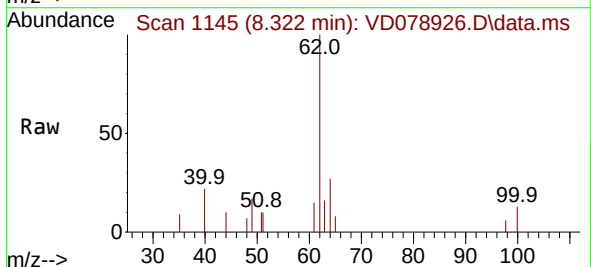
Manual Integrations
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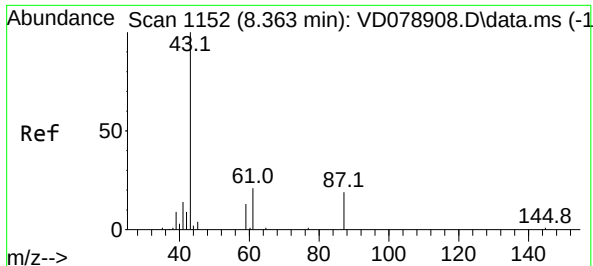
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#42
1,2-Dichloroethane
Concen: 3.992 ug/l
RT: 8.322 min Scan# 1145
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion: 62 Resp: 5209
Ion Ratio Lower Upper
62 100
98 10.4 0.0 25.8





#43

Isopropyl Acetate

Concen: 3.308 ug/l

RT: 8.369 min Scan# 1153

Delta R.T. 0.006 min

Lab File: VD078926.D

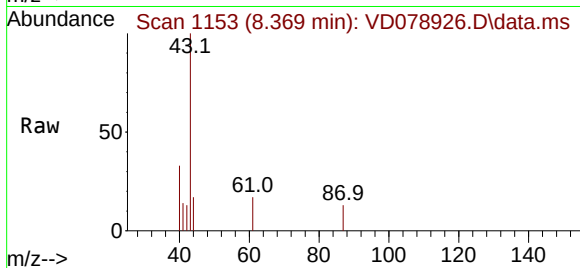
Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

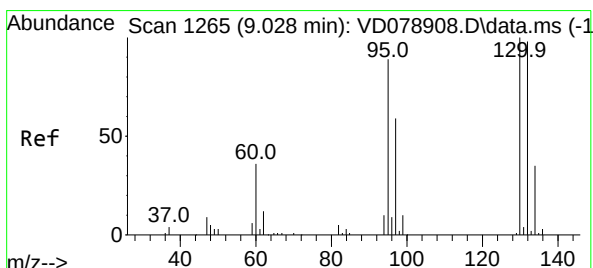
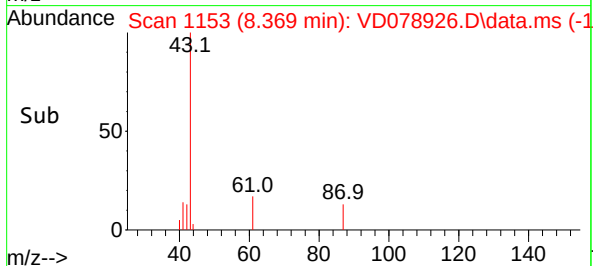
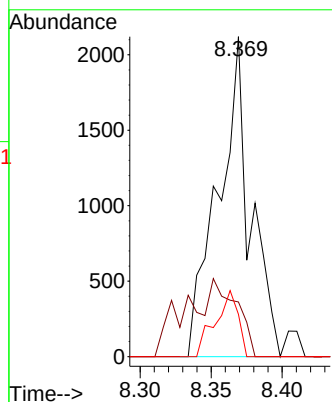


Tgt Ion: 43	Resp: 3334
Ion Ratio	Lower Upper
43	100
61	38.2 29.3 43.9
87	14.7 14.9 22.3

Manual Integrations

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Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#44

Trichloroethene

Concen: 3.962 ug/l

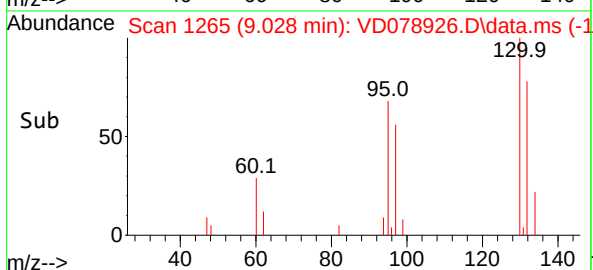
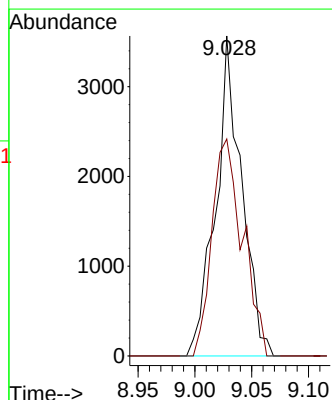
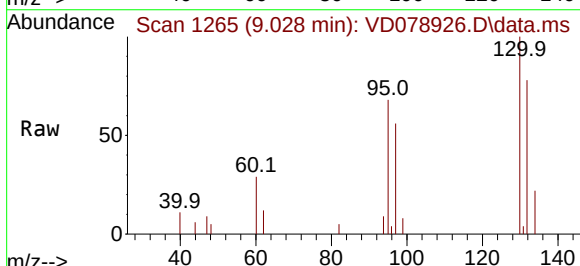
RT: 9.028 min Scan# 1265

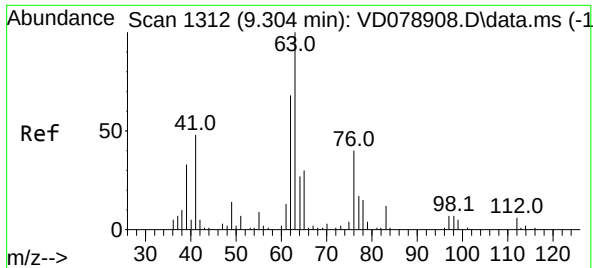
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

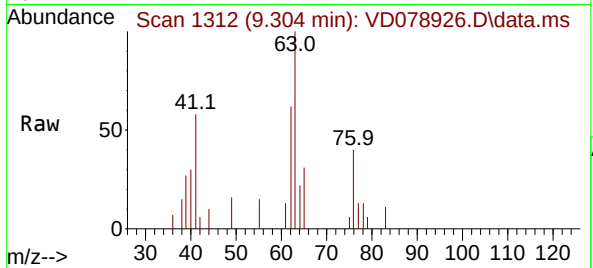
Tgt Ion:130	Resp: 5665
Ion Ratio	Lower Upper
130	100
95	67.8 0.0 177.8





#45
1,2-Dichloropropane
Concen: 3.945 ug/l
RT: 9.304 min Scan# 1312
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

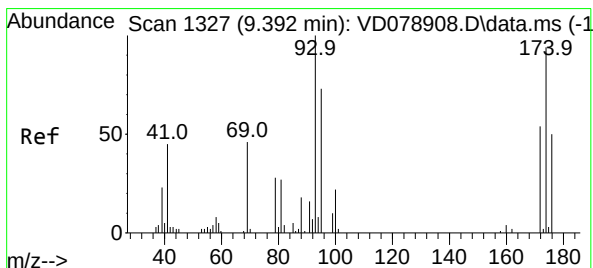
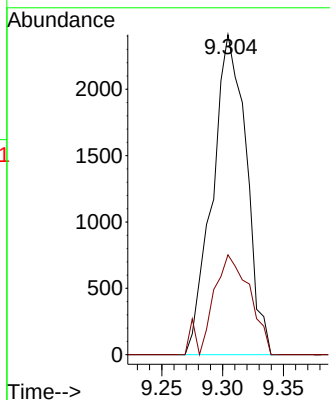
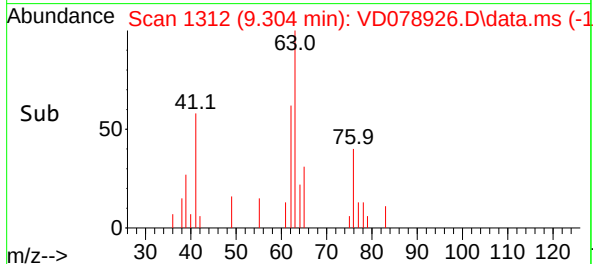
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



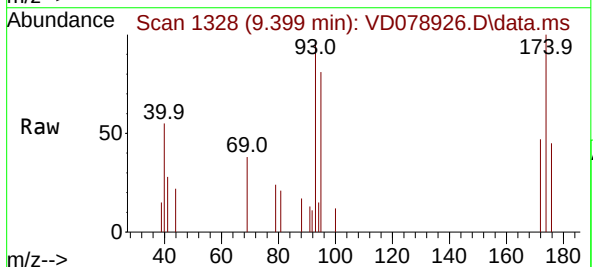
Tgt Ion: 63 Resp: 467
Ion Ratio Lower Upper
63 100
65 31.2 23.8 35.8

Manual Integrations
APPROVED

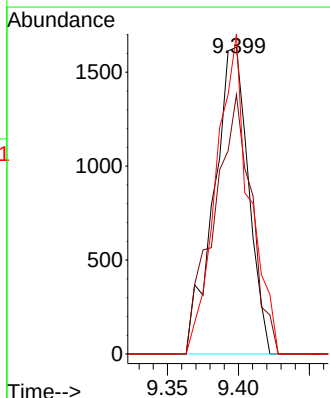
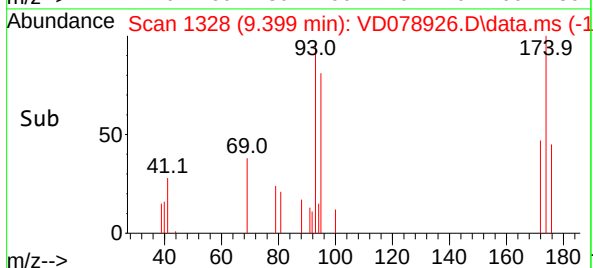
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

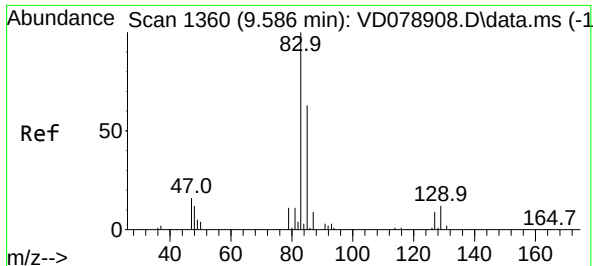


#46
Dibromomethane
Concen: 3.537 ug/l
RT: 9.399 min Scan# 1328
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



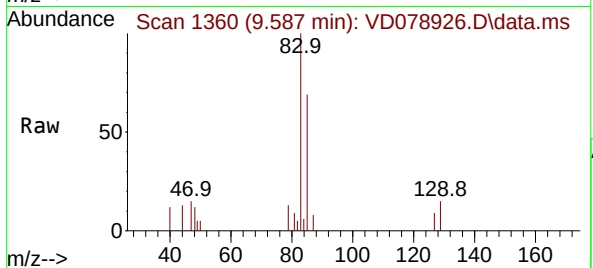
Tgt Ion: 93 Resp: 2758
Ion Ratio Lower Upper
93 100
95 92.4 65.6 98.4
174 100.5 82.3 123.5





#47
Bromodichloromethane
Concen: 3.909 ug/l
RT: 9.587 min Scan# 1360
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

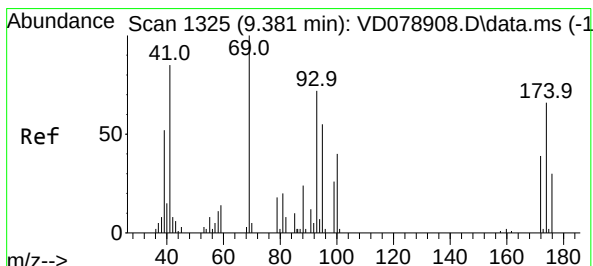
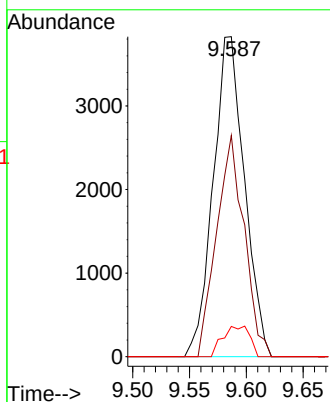
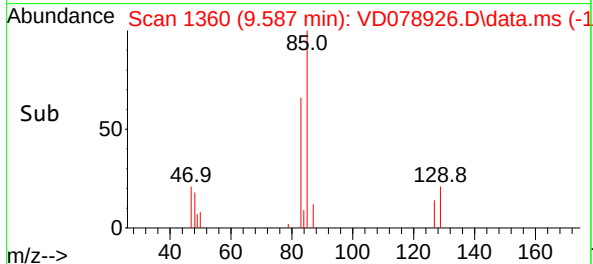
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



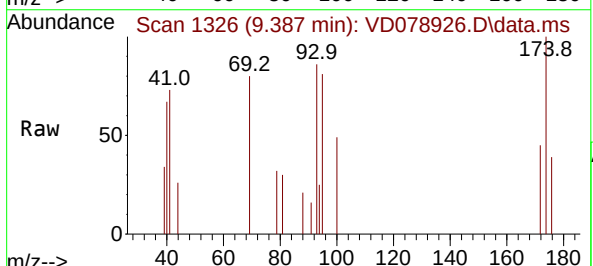
Tgt Ion: 83 Resp: 7338
Ion Ratio Lower Upper
83 100
85 69.1 50.1 75.1
127 9.5 6.8 10.2

Manual Integrations
APPROVED

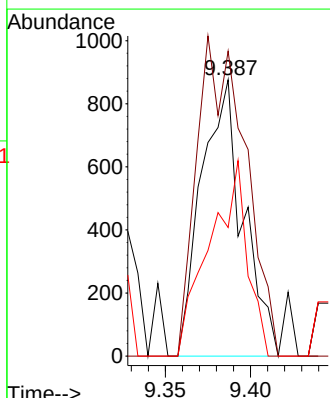
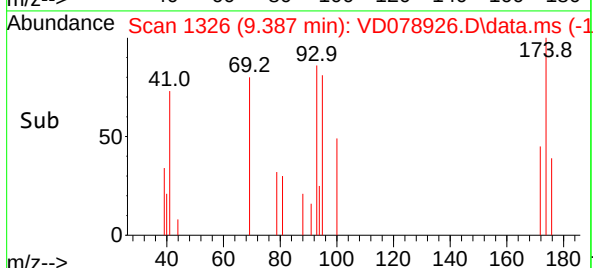
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

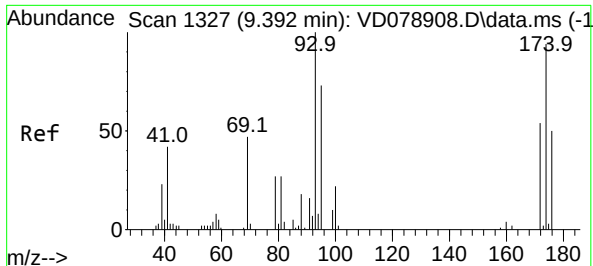


#48
Methyl methacrylate
Concen: 3.033 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



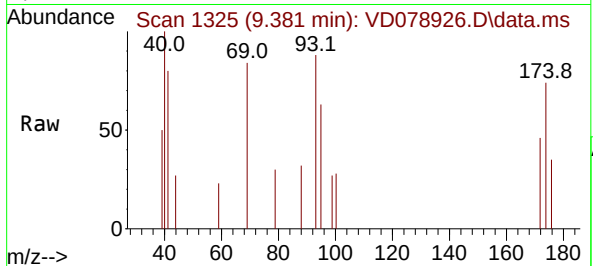
Tgt Ion: 41 Resp: 1488
Ion Ratio Lower Upper
41 100
69 134.4 96.7 145.1
39 64.0 43.8 65.6





#49
 1,4-Dioxane
 Concen: 62.252 ug/l
 RT: 9.381 min Scan# 1325
 Delta R.T. -0.011 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08

Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2024

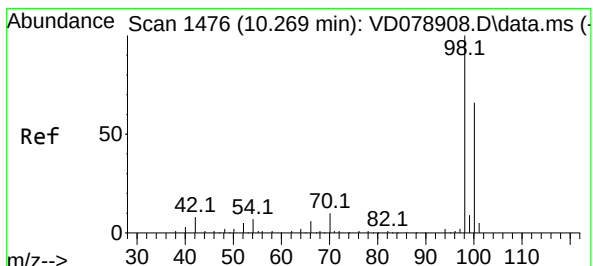
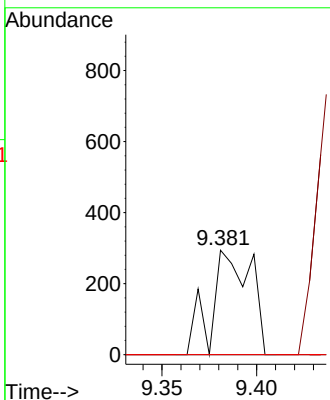
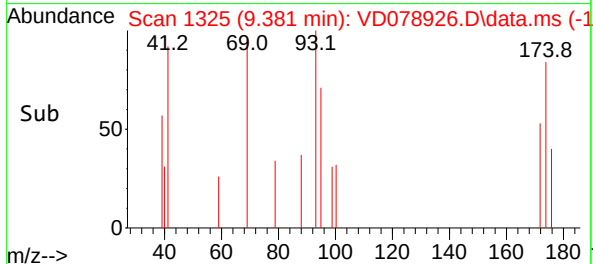


Tgt Ion: 88 Resp: 42

Ion	Ratio	Lower	Upper
88	100		
43	0.0	21.5	32.3
58	0.0	42.2	63.4

Manual Integrations
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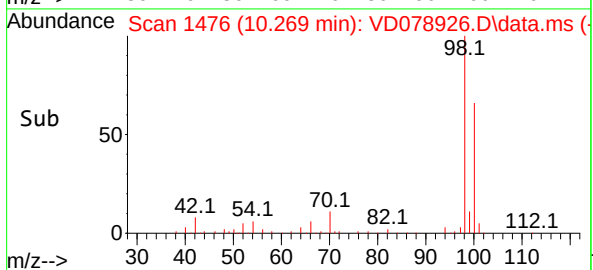
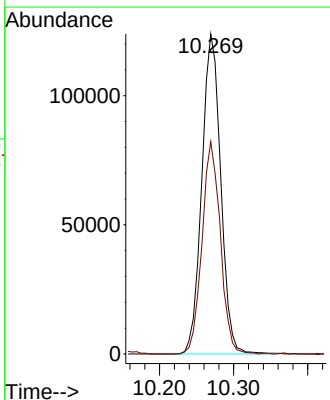
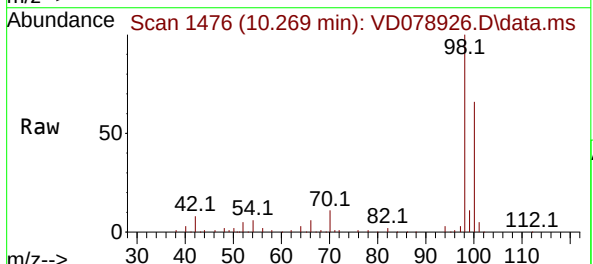
Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

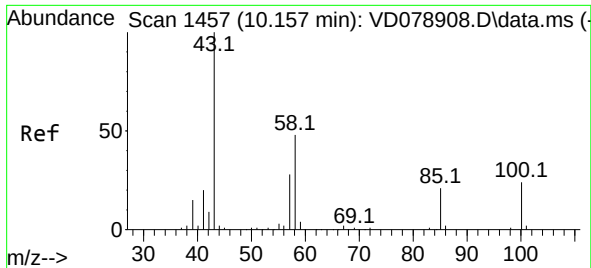


#50
 Toluene-d8
 Concen: 43.769 ug/l
 RT: 10.269 min Scan# 1476
 Delta R.T. 0.000 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08

Tgt Ion: 98 Resp: 219746

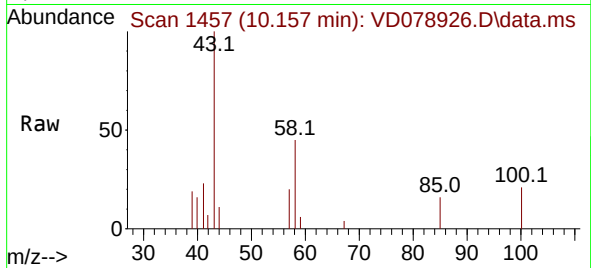
Ion	Ratio	Lower	Upper
98	100		
100	64.2	51.6	77.4





#51
4-Methyl-2-Pentanone
Concen: 15.349 ug/l
RT: 10.157 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

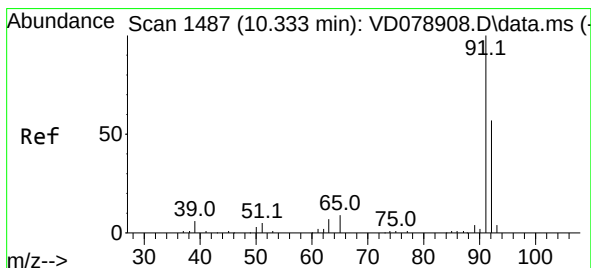
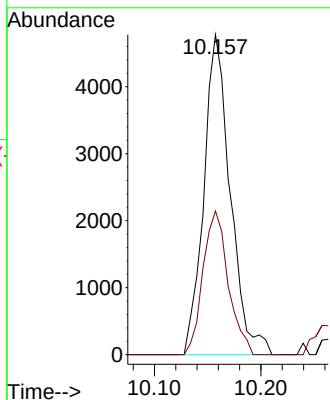
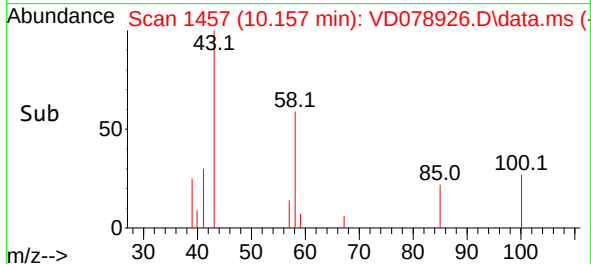
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 8239
Ion Ratio Lower Upper
43 100
58 42.9 36.6 55.0

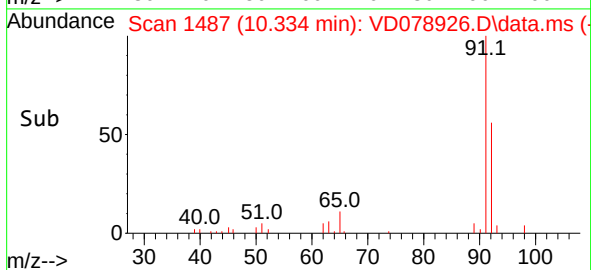
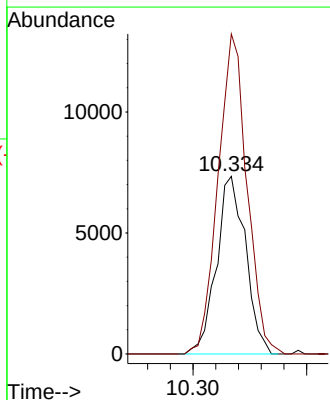
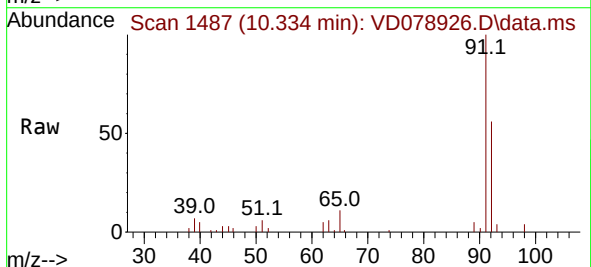
Manual Integrations
APPROVED

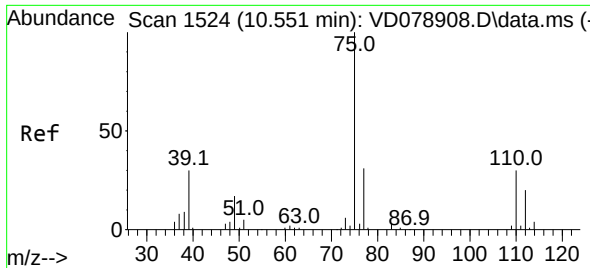
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#52
Toluene
Concen: 3.793 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

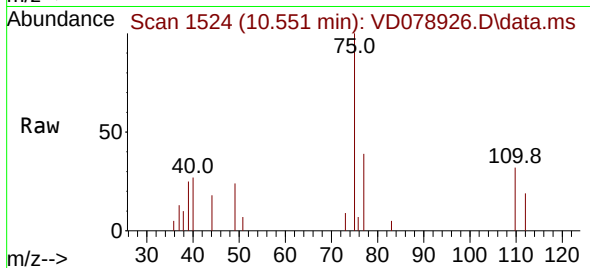
Tgt Ion: 92 Resp: 13086
Ion Ratio Lower Upper
92 100
91 178.8 141.7 212.5





#53
t-1,3-Dichloropropene
Concen: 3.624 ug/l
RT: 10.551 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

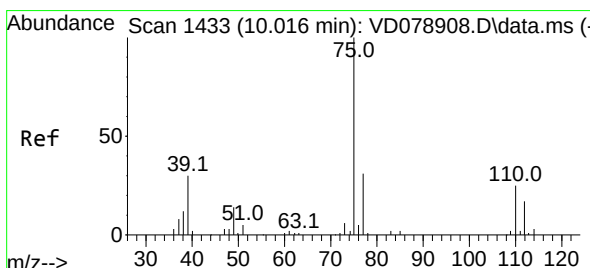
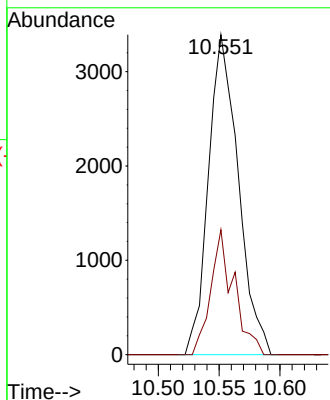
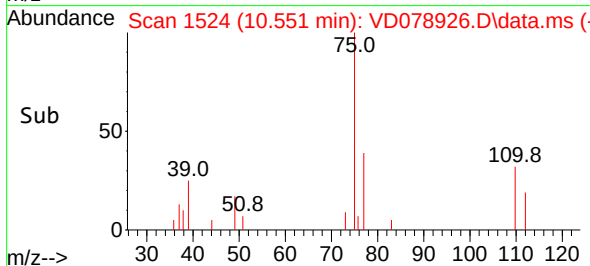
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



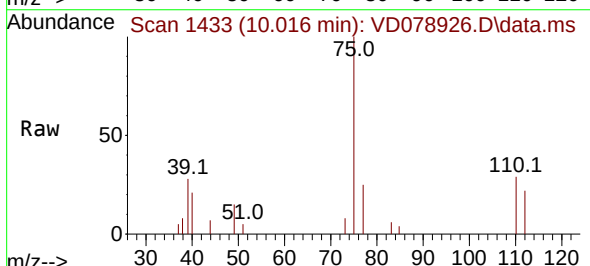
Tgt Ion: 75 Resp: 578
Ion Ratio Lower Upper
75 100
77 39.1 25.0 37.6

Manual Integrations
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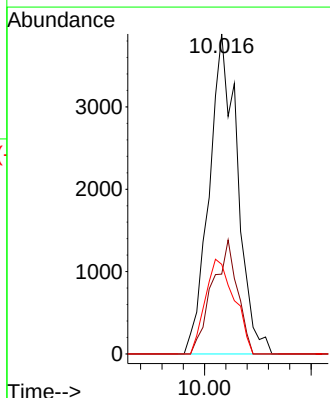
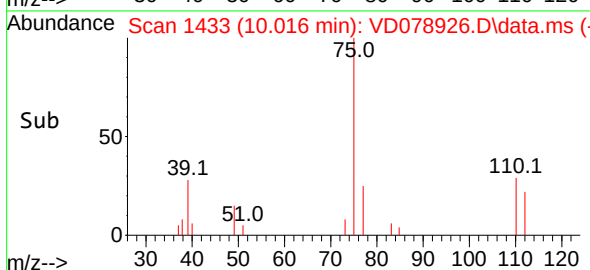
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

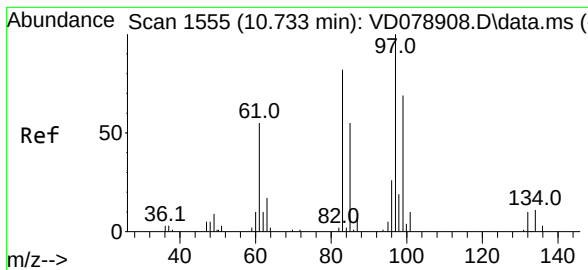


#54
cis-1,3-Dichloropropene
Concen: 3.743 ug/l
RT: 10.016 min Scan# 1433
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



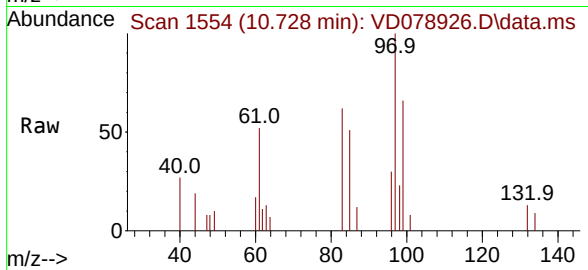
Tgt Ion: 75 Resp: 7165
Ion Ratio Lower Upper
75 100
77 25.0 24.4 36.6
39 28.0 24.2 36.2





#55
1,1,2-Trichloroethane
Concen: 4.011 ug/l
RT: 10.728 min Scan# 1554
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

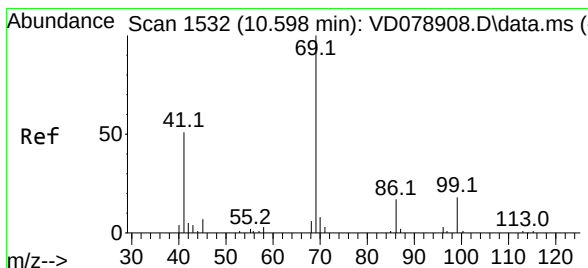
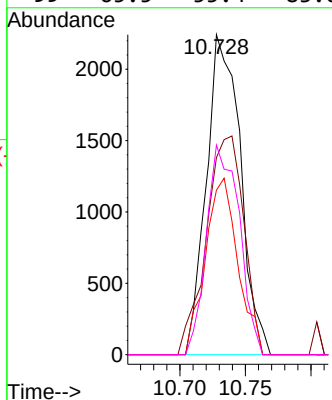
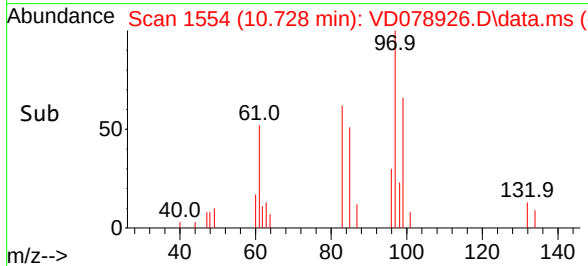
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion	Ratio	Lower	Upper
97	100		
83	61.6	65.8	98.8
85	51.4	43.8	65.8
99	65.5	55.4	83.0

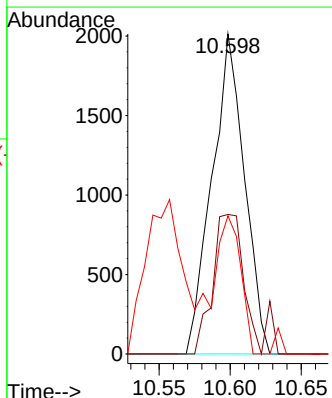
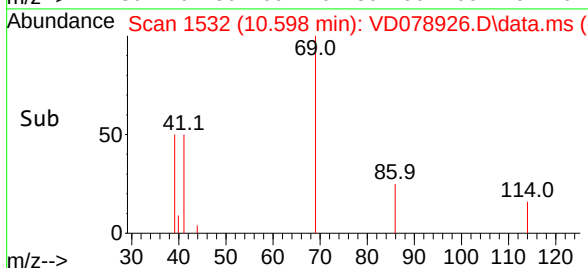
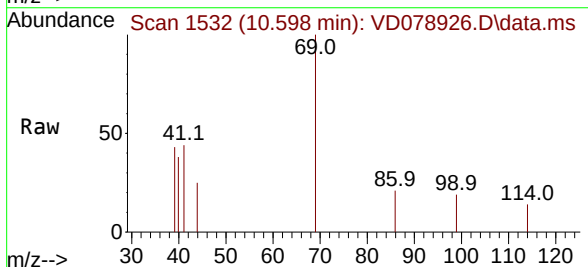
Manual Integrations
APPROVED

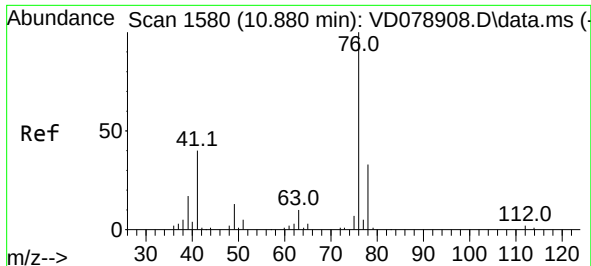
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#56
Ethyl methacrylate
Concen: 3.088 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion	Ratio	Lower	Upper
69	100		
41	41.1	39.8	59.6
39	36.9	20.2	30.4





#57

1,3-Dichloropropane

Concen: 3.557 ug/l

RT: 10.881 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 76 Resp: 5580

Ion Ratio Lower Upper

76 100

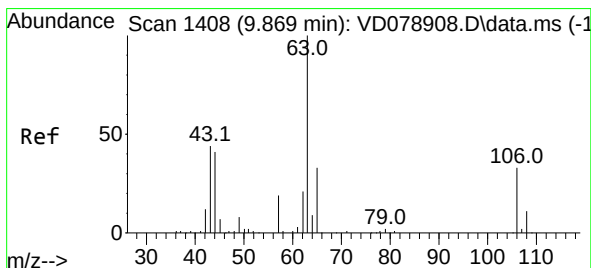
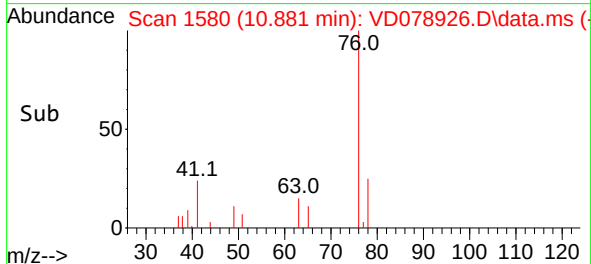
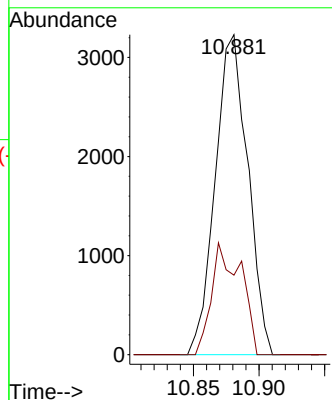
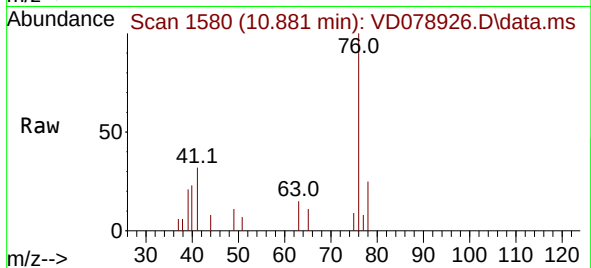
78 31.5 26.2 39.2

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024

Supervised By :Semsettin Yesilyurt 05/16/2024



#58

2-Chloroethyl Vinyl ether

Concen: 17.671 ug/l

RT: 9.869 min Scan# 1408

Delta R.T. 0.000 min

Lab File: VD078926.D

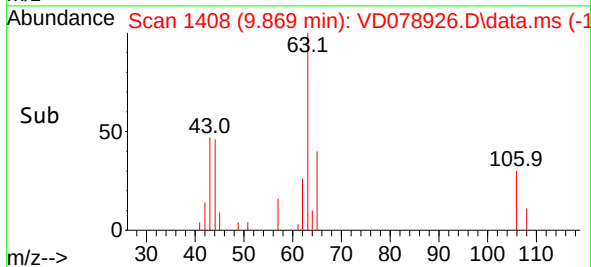
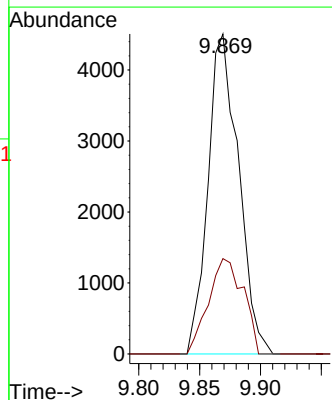
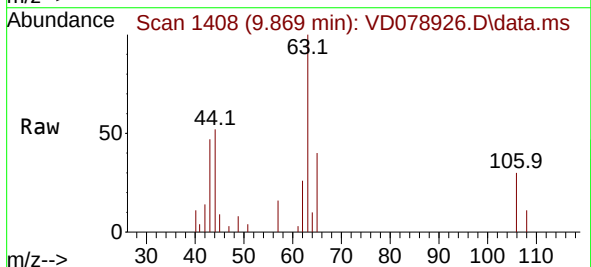
Acq: 15 May 2024 12:08

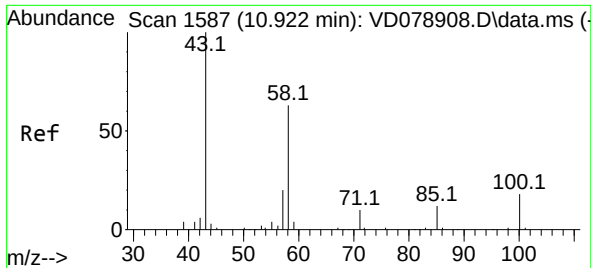
Tgt Ion: 63 Resp: 7870

Ion Ratio Lower Upper

63 100

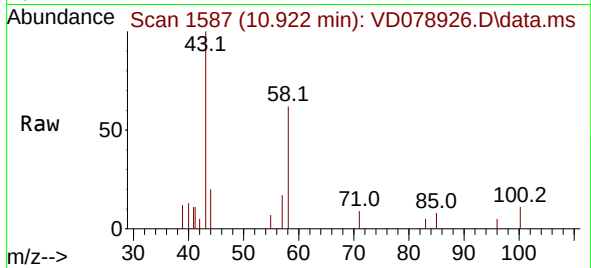
106 33.9 26.4 39.6





#59
2-Hexanone
Concen: 15.280 ug/l
RT: 10.922 min Scan# 1587
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

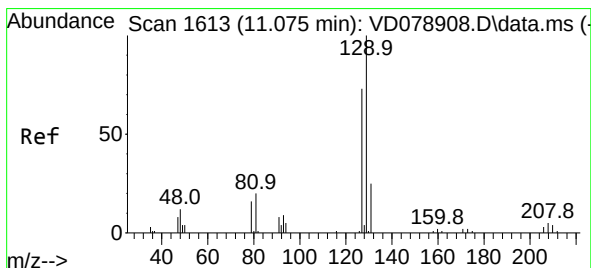
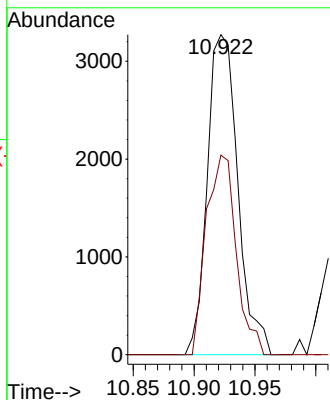
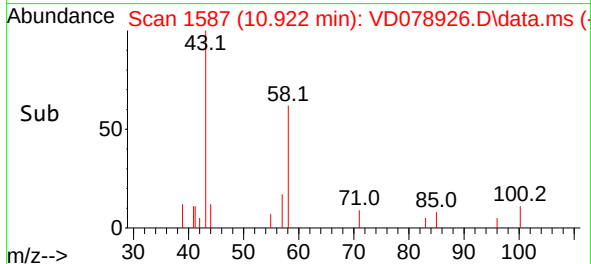
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 43 Resp: 5709
Ion Ratio Lower Upper
43 100
58 61.3 31.1 93.5

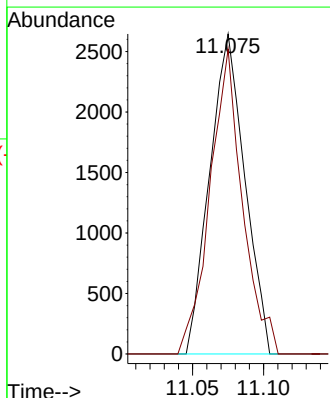
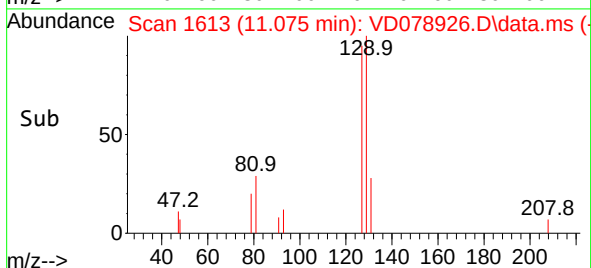
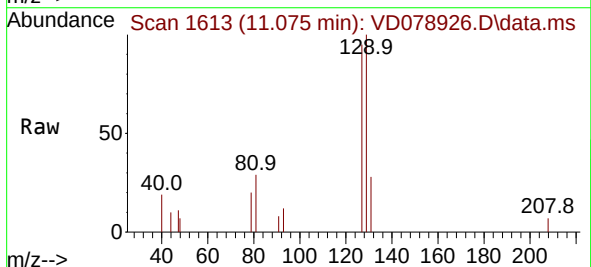
Manual Integrations
APPROVED

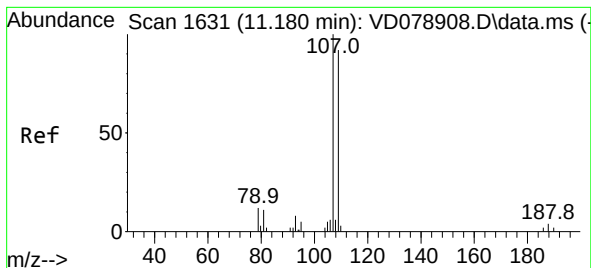
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#60
Dibromochloromethane
Concen: 3.309 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion:129 Resp: 4545
Ion Ratio Lower Upper
129 100
127 88.1 38.0 113.9





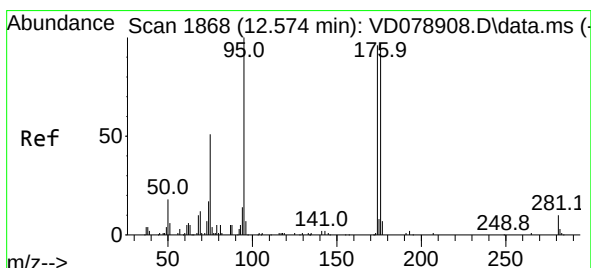
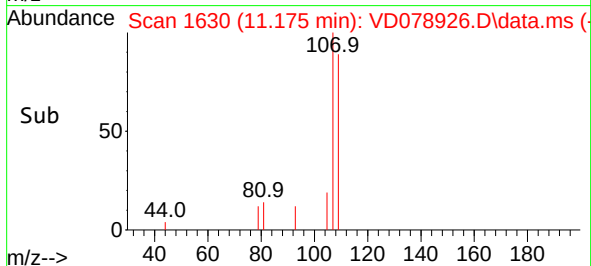
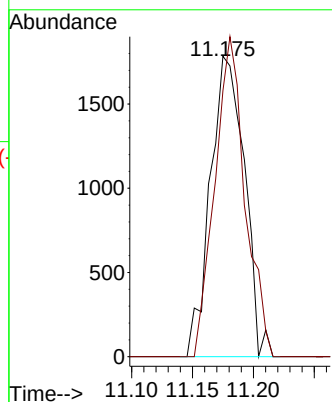
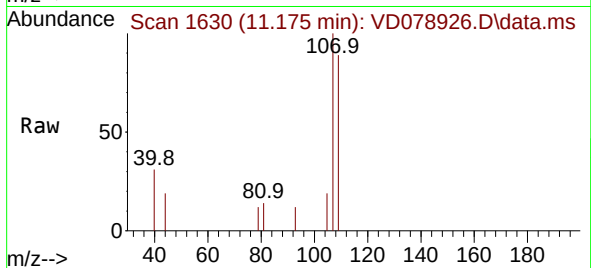
#61
1,2-Dibromoethane
Concen: 3.781 ug/l
RT: 11.175 min Scan# 1631
Delta R.T. -0.005 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:107 Resp: 347
Ion Ratio Lower Upper
107 100
109 94.7 72.0 108.0

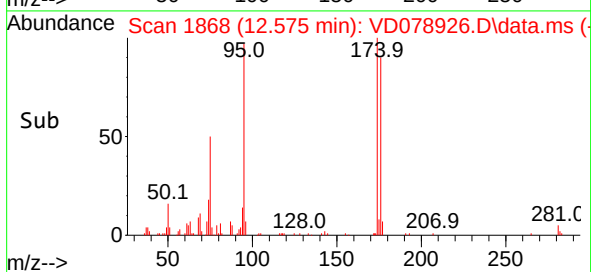
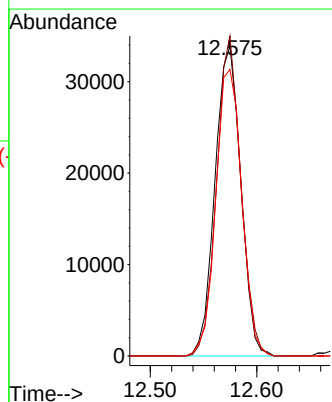
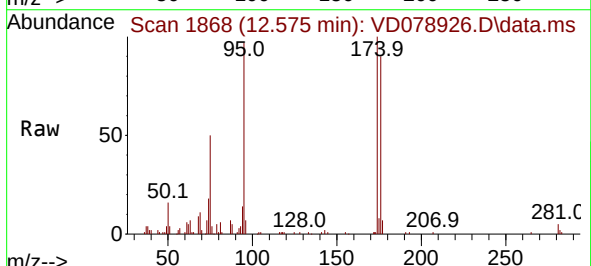
Manual Integrations
APPROVED

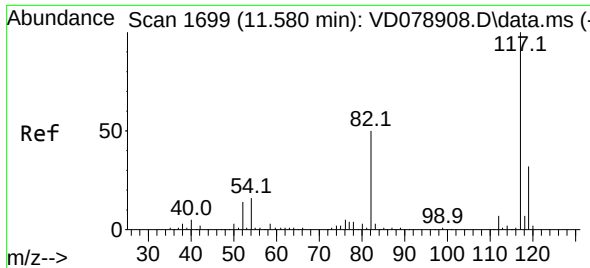
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#62
4-Bromofluorobenzene
Concen: 40.443 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

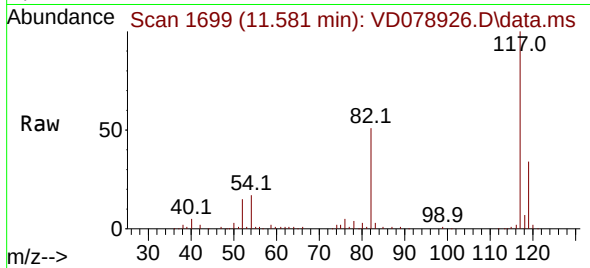
Tgt Ion: 95 Resp: 57042
Ion Ratio Lower Upper
95 100
174 96.6 0.0 195.4
176 93.3 0.0 192.6





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.581 min Scan# 1158
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

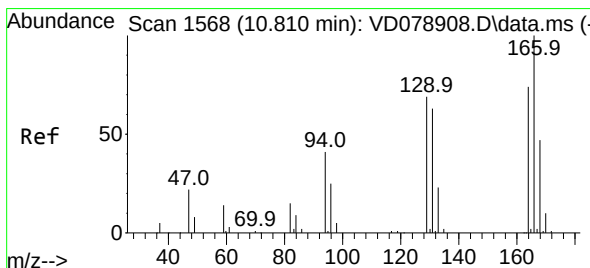
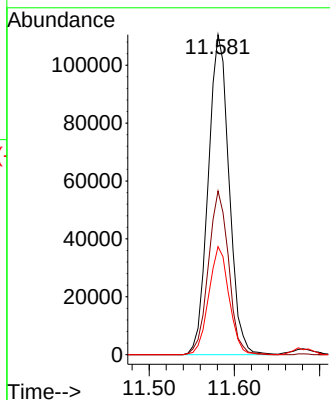
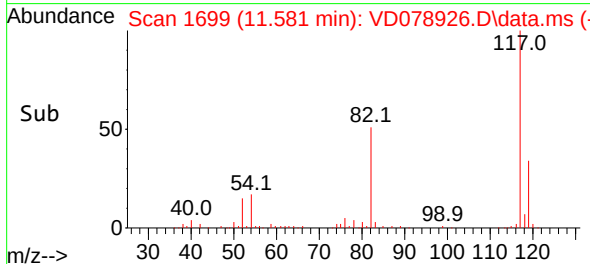
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



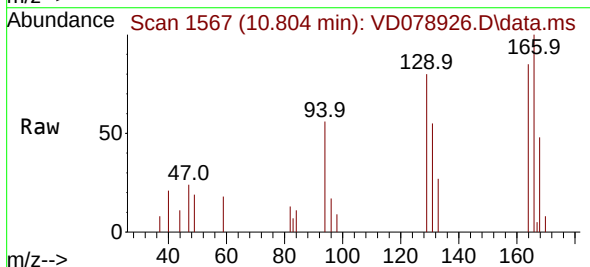
Tgt Ion:117 Resp: 187870
Ion Ratio Lower Upper
117 100
82 51.1 39.8 59.6
119 33.8 25.7 38.5

Manual Integrations
APPROVED

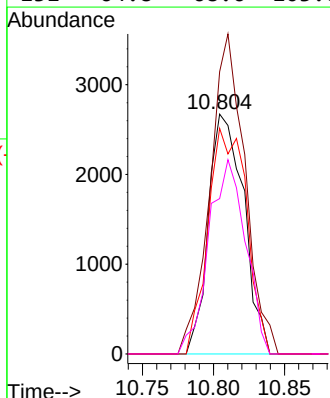
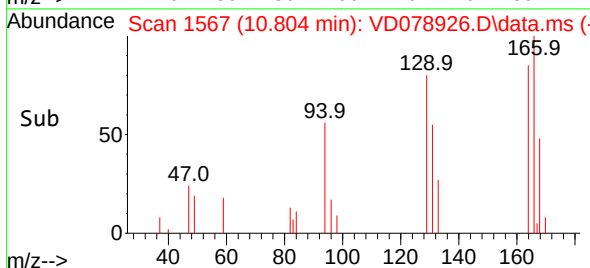
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

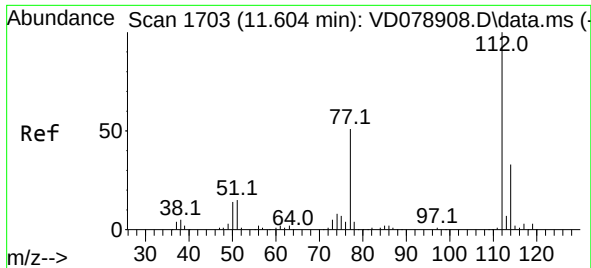


#64
Tetrachloroethene
Concen: 3.873 ug/l
RT: 10.804 min Scan# 1567
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



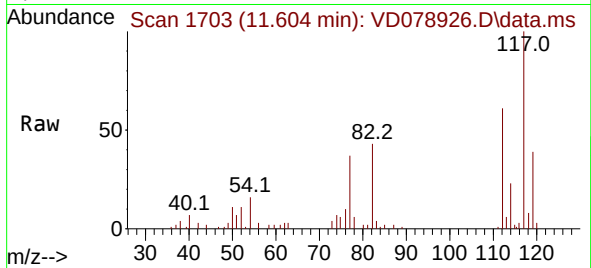
Tgt Ion:164 Resp: 4616
Ion Ratio Lower Upper
164 100
166 117.7 108.6 163.0
129 94.1 74.6 112.0
131 64.8 68.6 103.0#





#65
Chlorobenzene
Concen: 3.668 ug/l
RT: 11.604 min Scan# 1703
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

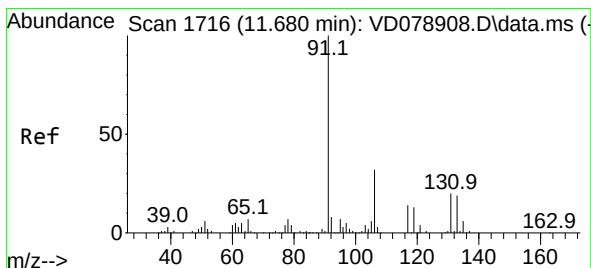
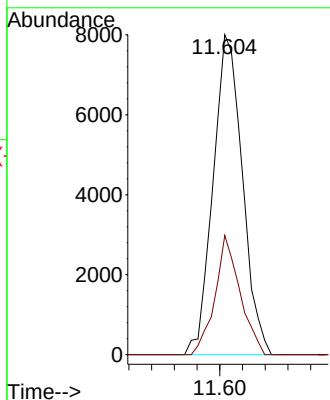
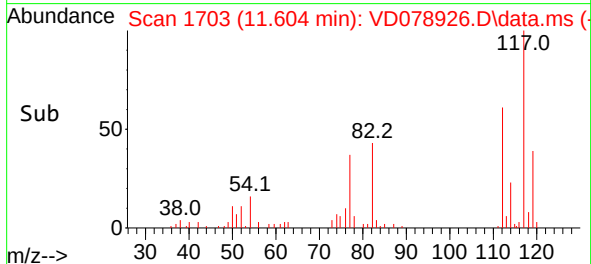
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:112 Resp: 1433
Ion Ratio Lower Upper
112 100
114 37.3 26.0 39.0

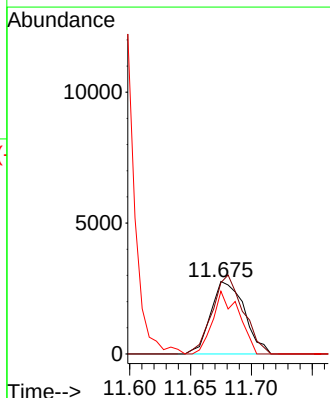
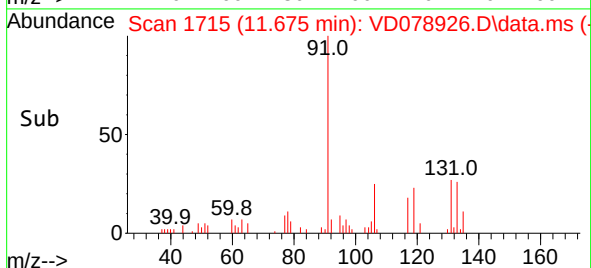
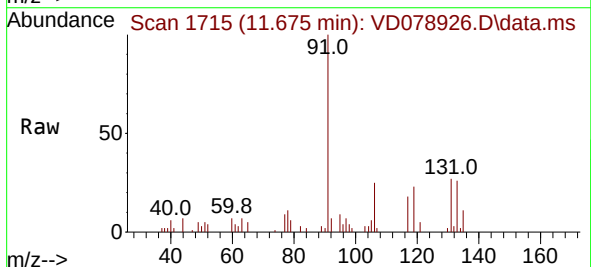
Manual Integrations
APPROVED

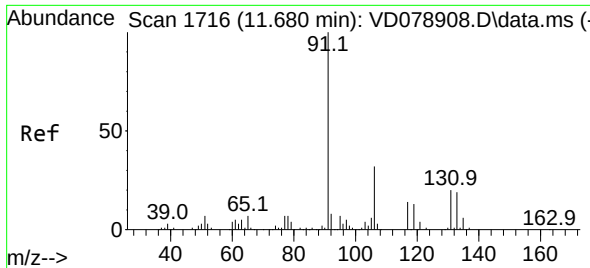
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 3.930 ug/l
RT: 11.675 min Scan# 1715
Delta R.T. -0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

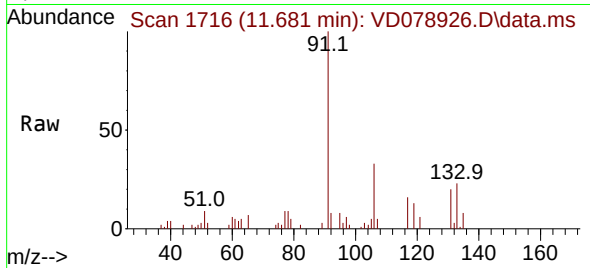
Tgt Ion:131 Resp: 5309
Ion Ratio Lower Upper
131 100
133 100.7 49.2 147.6
119 67.7 33.4 100.2





#67
Ethyl Benzene
Concen: 3.532 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

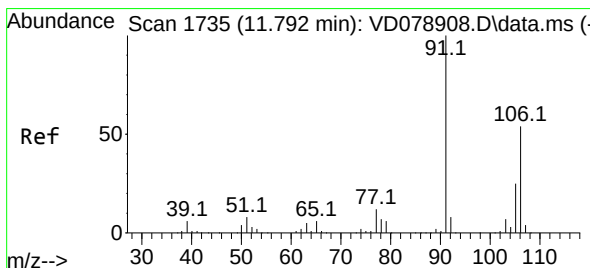
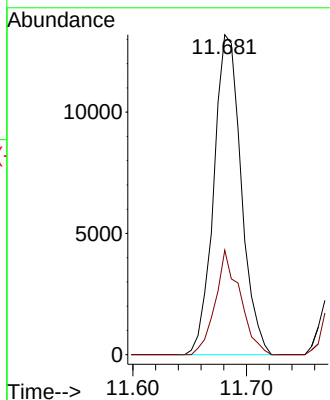
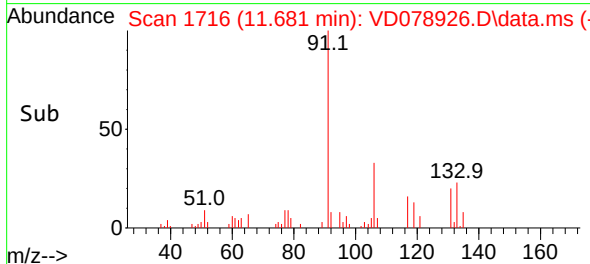
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 91 Resp: 2220
Ion Ratio Lower Upper
91 100
106 32.6 25.8 38.6

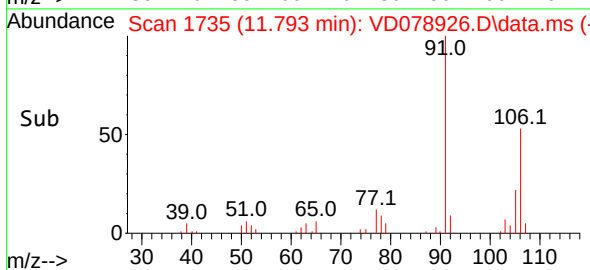
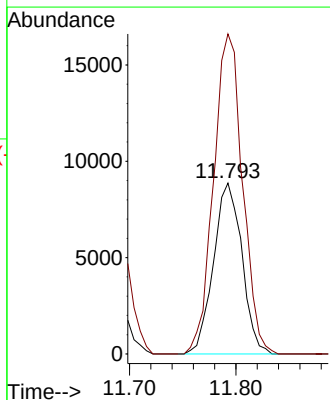
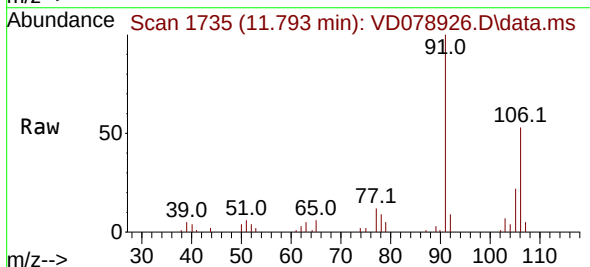
Manual Integrations
APPROVED

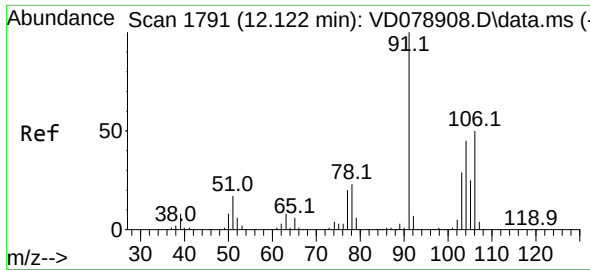
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#68
m/p-Xylenes
Concen: 6.428 ug/l
RT: 11.793 min Scan# 1735
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

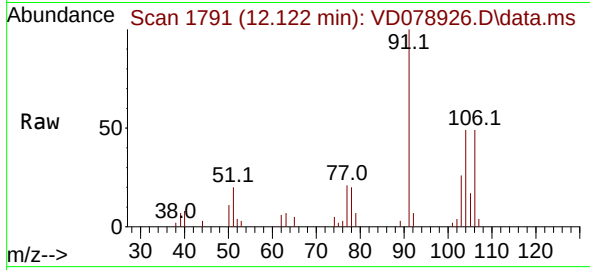
Tgt Ion:106 Resp: 16427
Ion Ratio Lower Upper
106 100
91 191.1 148.5 222.7





#69
o-Xylene
Concen: 3.072 ug/l
RT: 12.122 min Scan# 1791
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

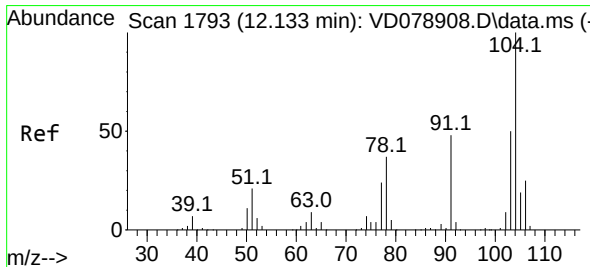
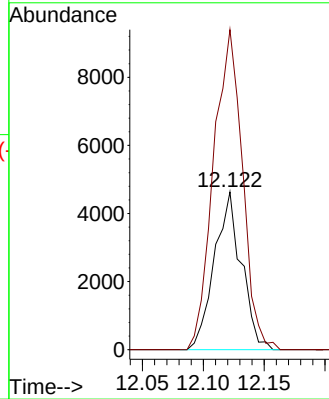
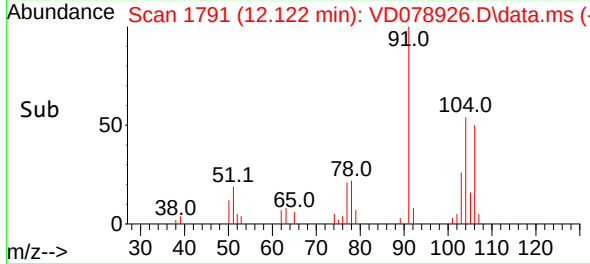
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:106 Resp: 715
Ion Ratio Lower Upper
106 100
91 216.9 96.7 290.1

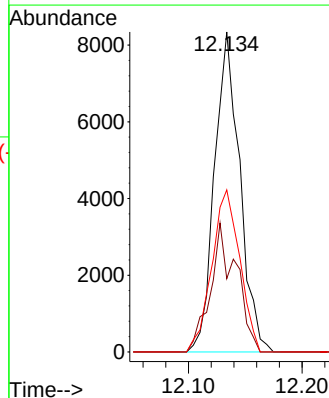
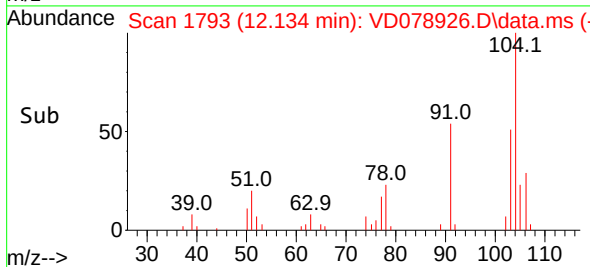
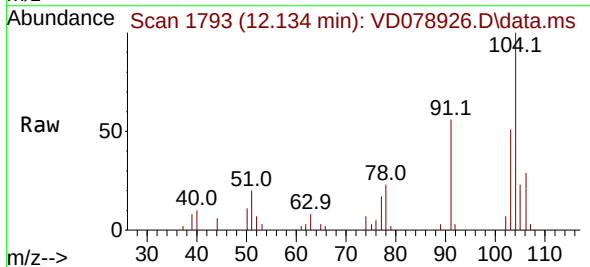
Manual Integrations
APPROVED

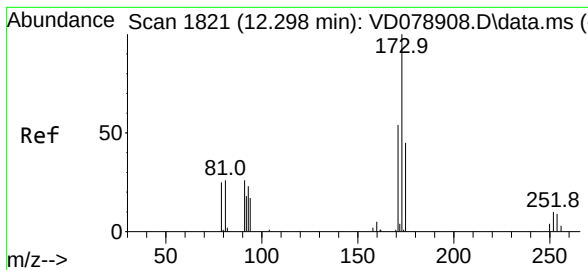
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#70
Styrene
Concen: 3.117 ug/l
RT: 12.134 min Scan# 1793
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

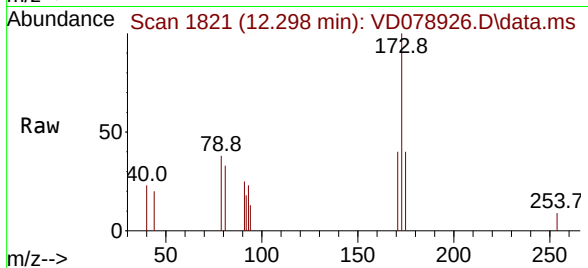
Tgt Ion:104 Resp: 12869
Ion Ratio Lower Upper
104 100
78 41.3 33.0 49.6
103 56.1 44.2 66.4





#71
Bromoform
Concen: 3.959 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

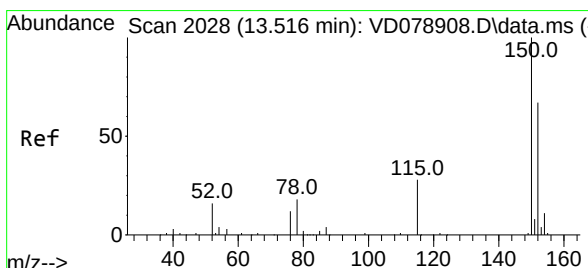
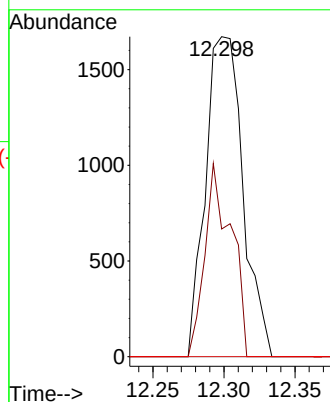
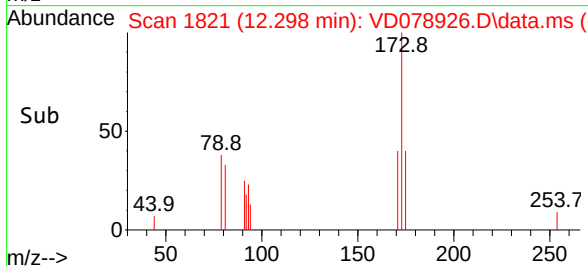
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion:173 Resp: 3064
Ion Ratio Lower Upper
173 100
175 42.5 23.7 71.1
254 0.0 0.0 0.0

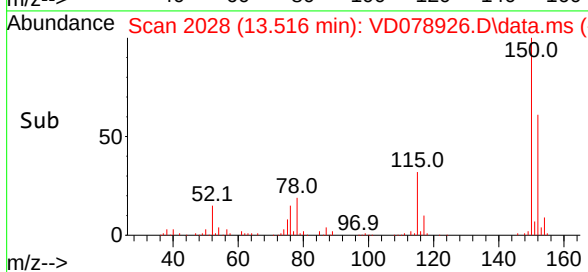
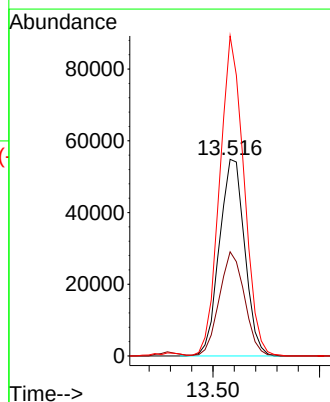
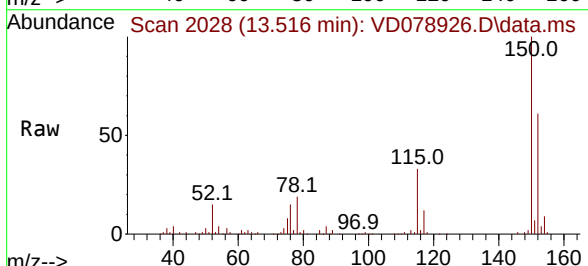
Manual Integrations
APPROVED

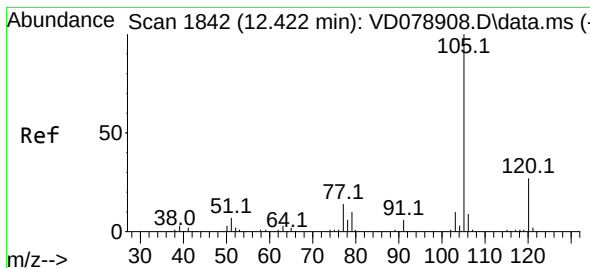
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion:152 Resp: 90491
Ion Ratio Lower Upper
152 100
115 52.7 26.5 79.5
150 156.2 0.0 341.6





#73

Isopropylbenzene

Concen: 3.337 ug/l

RT: 12.422 min Scan# 1842

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

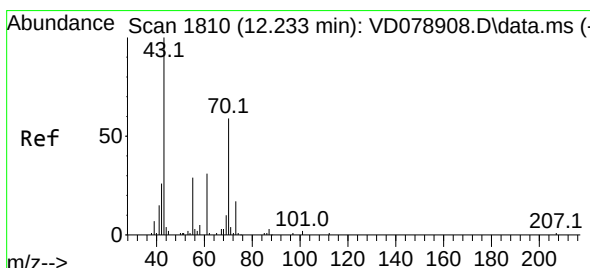
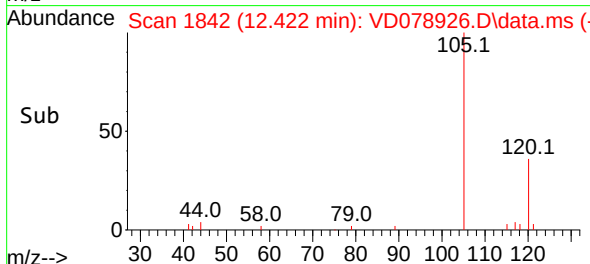
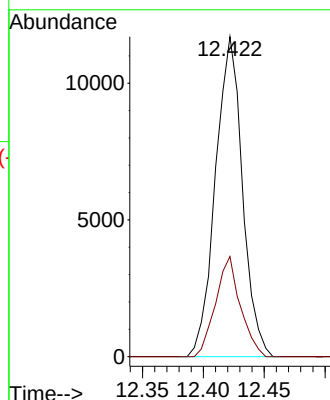
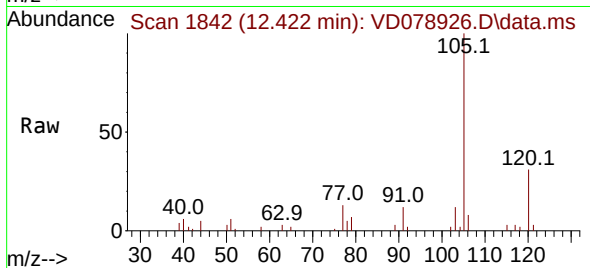
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:105 Resp: 1802
 Ion Ratio Lower Upper
 105 100
 120 28.7 13.6 40.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024



#74

N-ethyl acetate

Concen: 2.957 ug/l

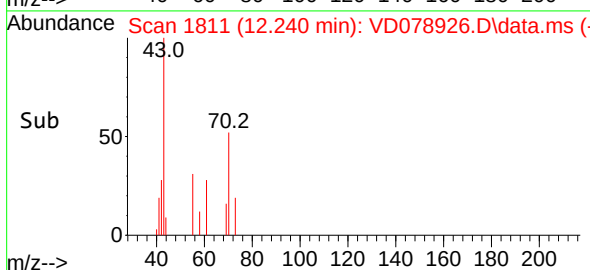
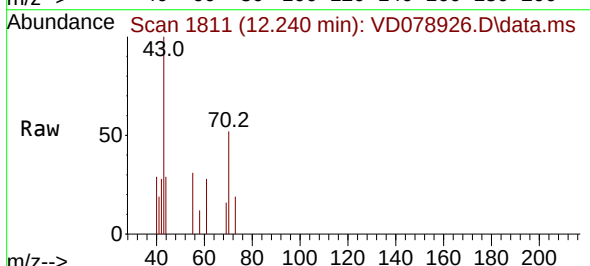
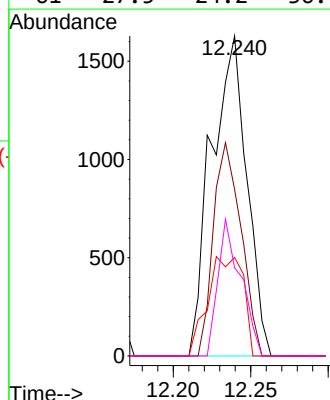
RT: 12.240 min Scan# 1811

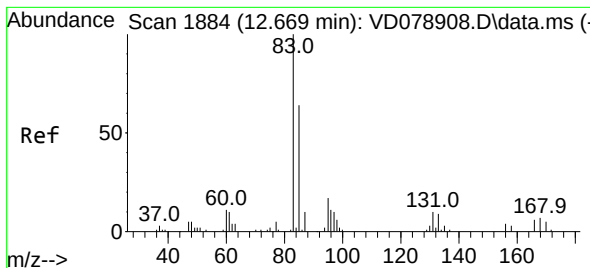
Delta R.T. 0.006 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

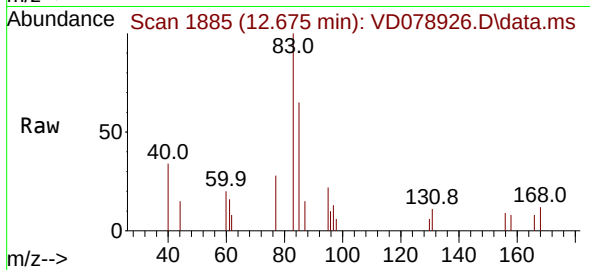
Tgt Ion: 43 Resp: 2591
 Ion Ratio Lower Upper
 43 100
 70 52.1 44.3 66.5
 55 31.2 23.2 34.8
 61 27.5 24.2 36.4





#75
1,1,2,2-Tetrachloroethane
Concen: 4.157 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

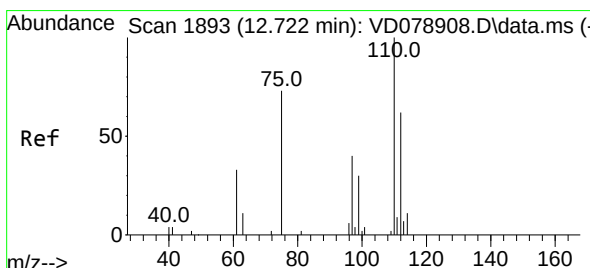
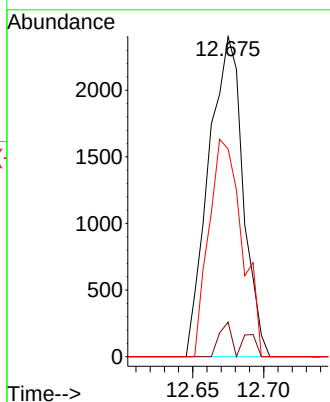
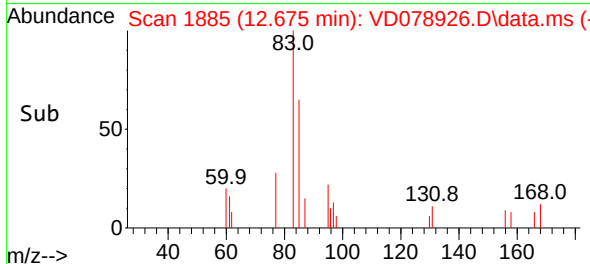
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 83 Resp: 4050
Ion Ratio Lower Upper
83 100
131 3.8 5.5 16.5
85 65.2 33.8 101.3

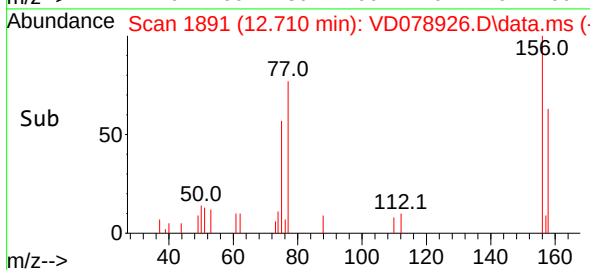
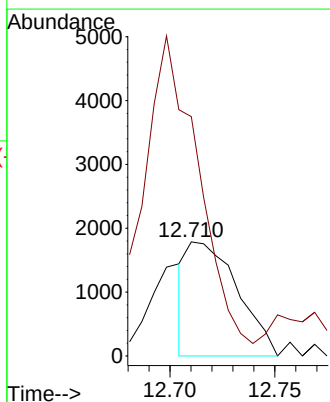
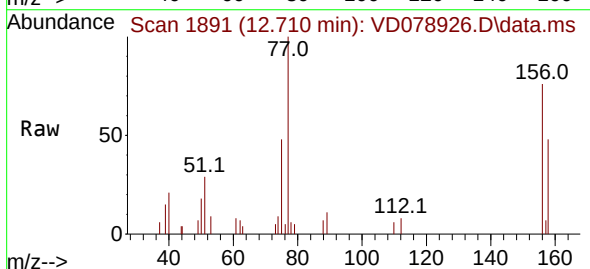
Manual Integrations
APPROVED

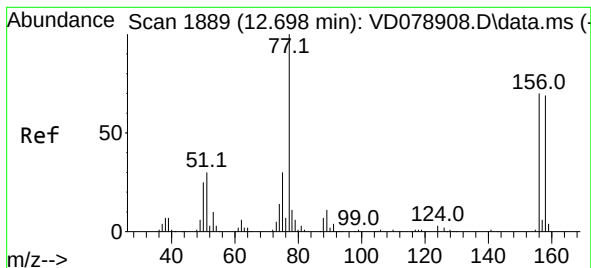
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#76
1,2,3-Trichloropropane
Concen: 4.700 ug/l m
RT: 12.710 min Scan# 1891
Delta R.T. -0.011 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

Tgt Ion: 75 Resp: 2994
Ion Ratio Lower Upper
75 100
77 311.0 0.0 0.0#





#77

Bromobenzene

Concen: 4.374 ug/l

RT: 12.698 min Scan# 1889

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

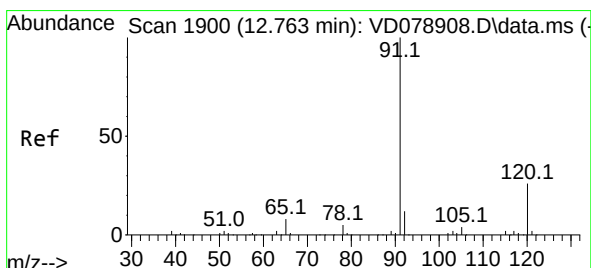
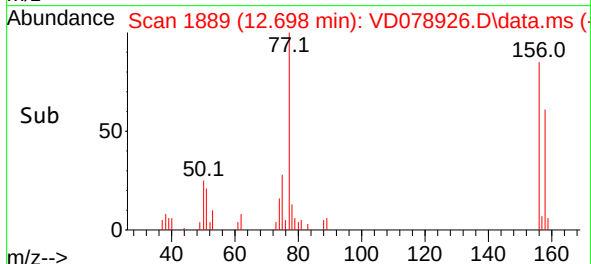
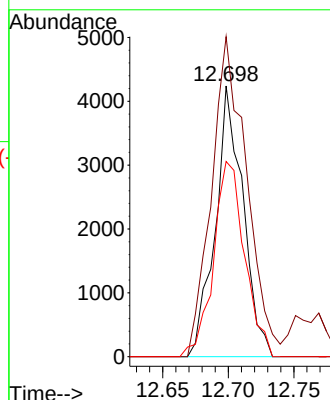
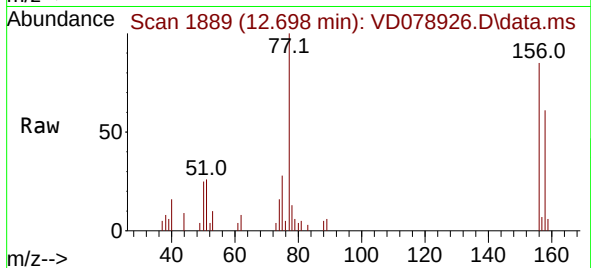
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:	156	Resp:	621
Ion Ratio	Lower	Upper	
156	100		
77	149.9	77.3	231.9
158	81.1	49.6	149.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#78

n-propylbenzene

Concen: 3.724 ug/l

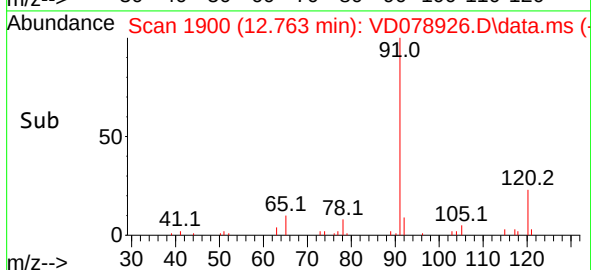
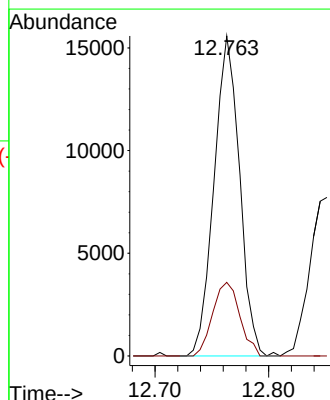
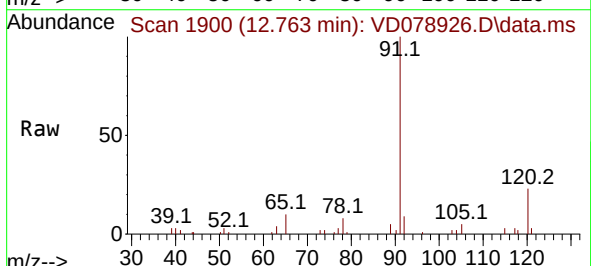
RT: 12.763 min Scan# 1900

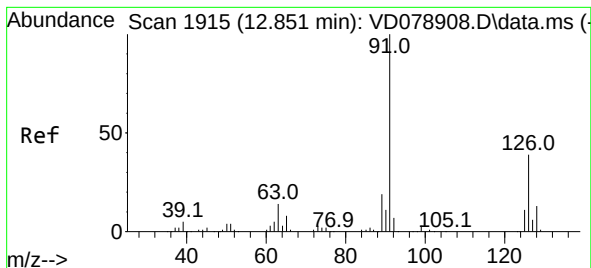
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Tgt Ion:	91	Resp:	24312
Ion Ratio	Lower	Upper	
91	100		
120	24.5	12.3	36.8





#79

2-Chlorotoluene

Concen: 3.723 ug/l

RT: 12.851 min Scan# 1915

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91 Resp: 13509

Ion Ratio Lower Upper

91 100

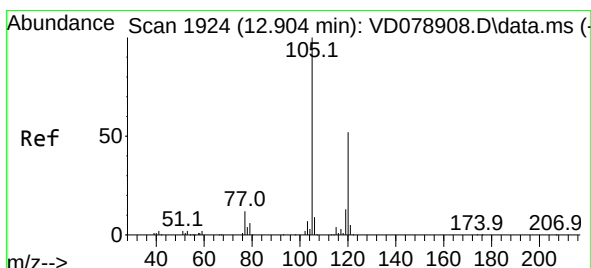
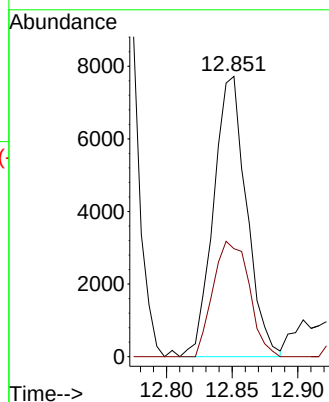
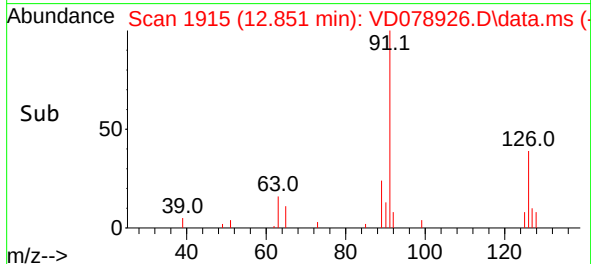
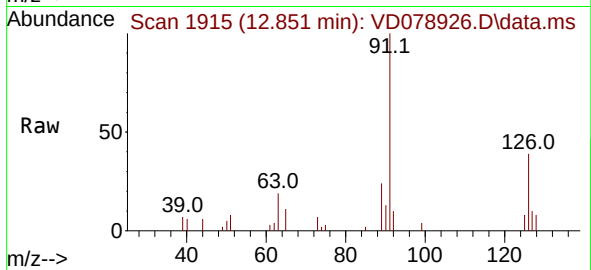
126 45.0 19.3 57.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024

Supervised By :Semsettin Yesilyurt 05/16/2024



#80

1,3,5-Trimethylbenzene

Concen: 3.495 ug/l

RT: 12.904 min Scan# 1924

Delta R.T. 0.000 min

Lab File: VD078926.D

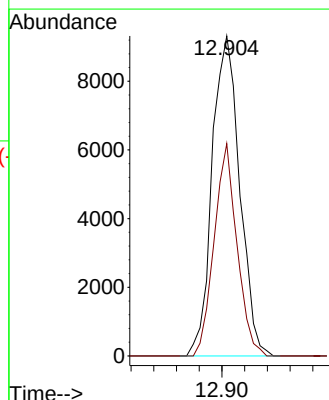
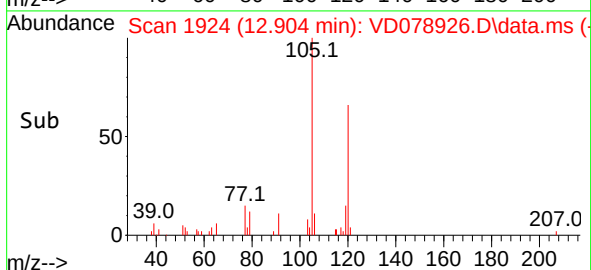
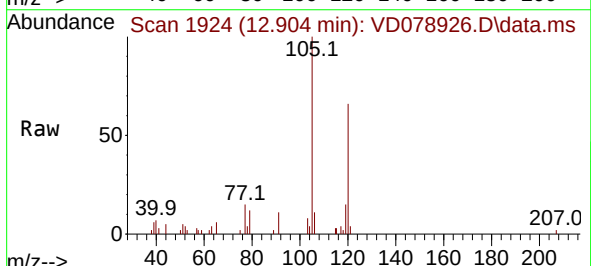
Acq: 15 May 2024 12:08

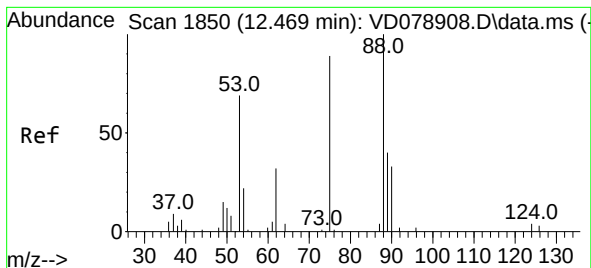
Tgt Ion:105 Resp: 15681

Ion Ratio Lower Upper

105 100

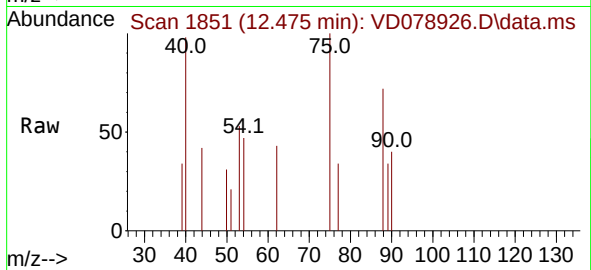
120 55.1 25.7 77.1





#81
trans-1,4-Dichloro-2-butene
Concen: 4.050 ug/l
RT: 12.475 min Scan# 1850
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

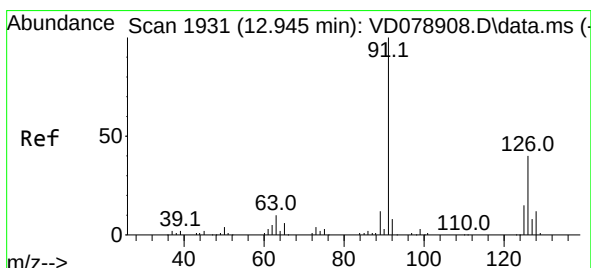
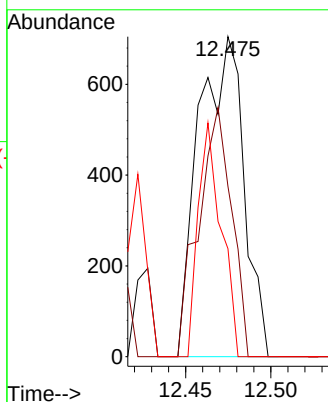
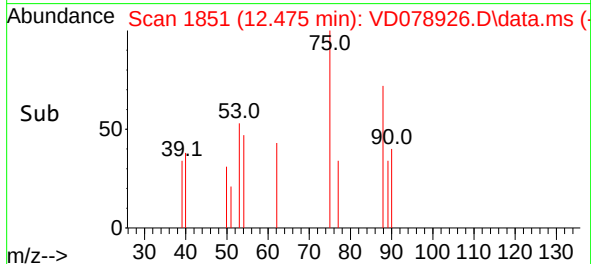
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



Tgt Ion: 75 Resp: 130
Ion Ratio Lower Upper
75 100
53 57.0 61.4 92.2
89 37.4 35.4 53.0

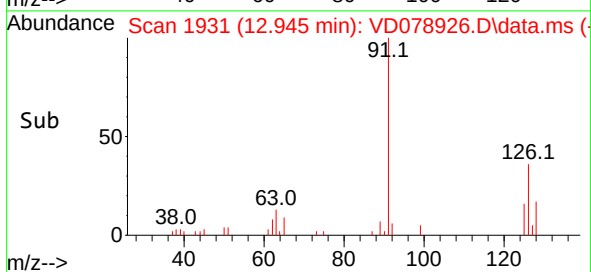
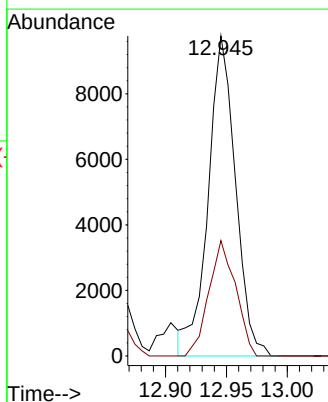
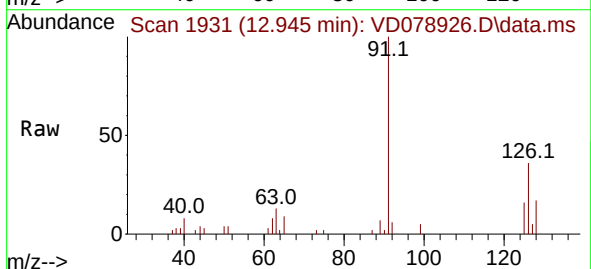
Manual Integrations
APPROVED

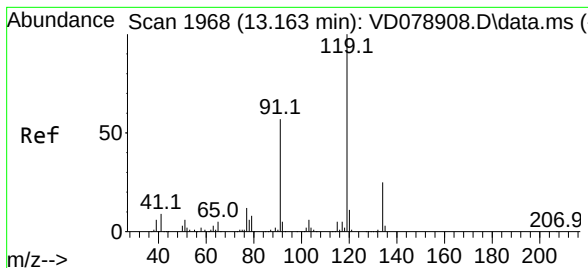
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#82
4-Chlorotoluene
Concen: 4.008 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

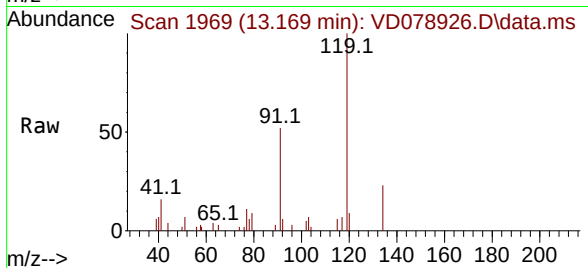
Tgt Ion: 91 Resp: 15256
Ion Ratio Lower Upper
91 100
126 35.4 18.9 56.9





#83
tert-Butylbenzene
Concen: 3.695 ug/l
RT: 13.169 min Scan# 1968
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

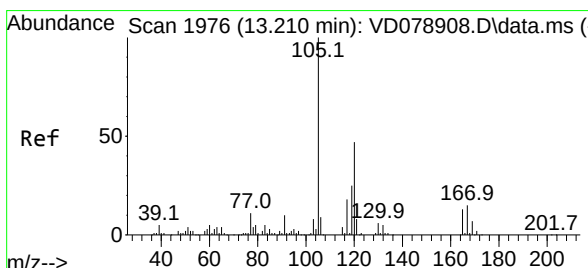
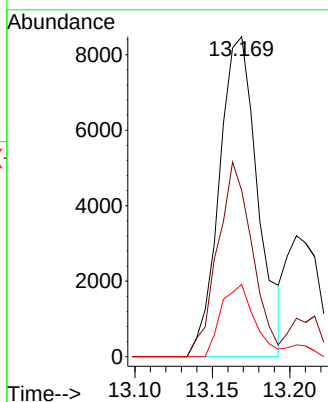
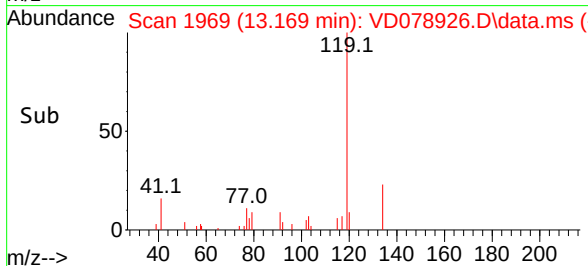
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2024



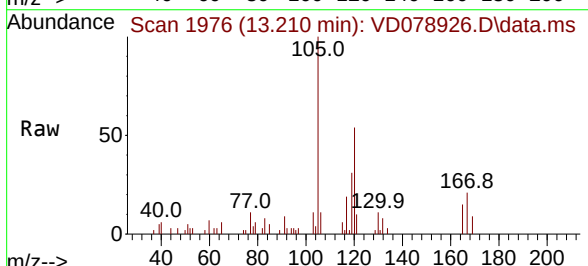
Tgt Ion:119 Resp: 1466
Ion Ratio Lower Upper
119 100
91 55.1 28.2 84.7
134 19.6 13.4 40.1

Manual Integrations
APPROVED

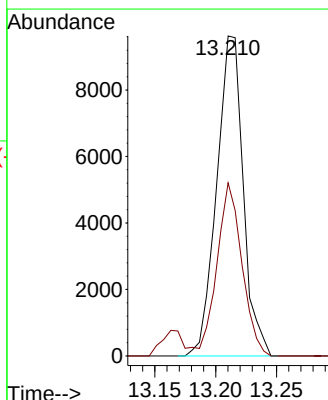
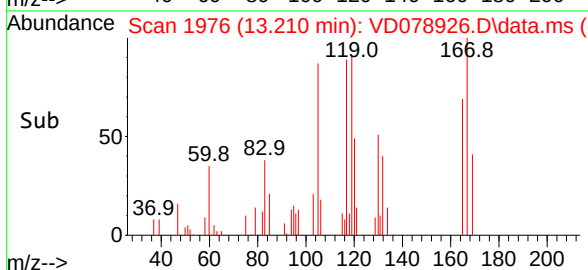
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

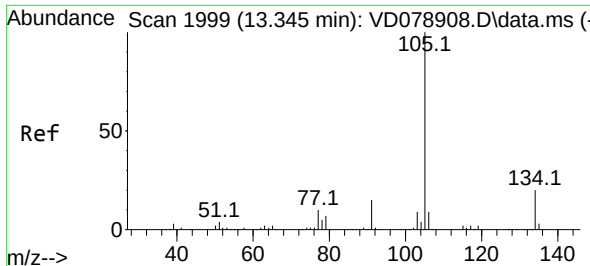


#84
1,2,4-Trimethylbenzene
Concen: 3.145 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



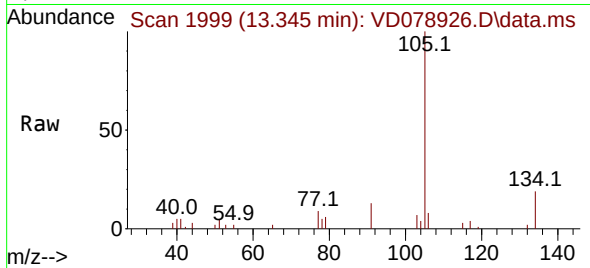
Tgt Ion:105 Resp: 14619
Ion Ratio Lower Upper
105 100
120 50.4 23.6 71.0





#85
 sec-Butylbenzene
 Concen: 3.473 ug/l
 RT: 13.345 min Scan# 1999
 Delta R.T. 0.000 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08

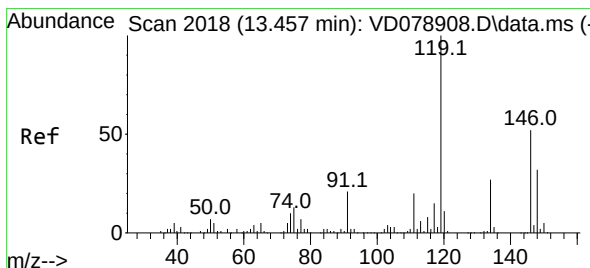
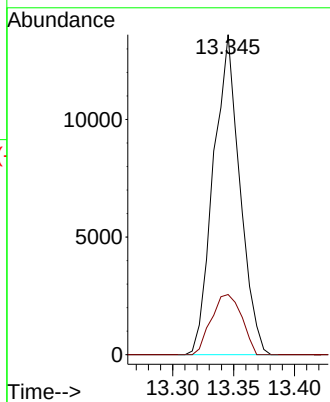
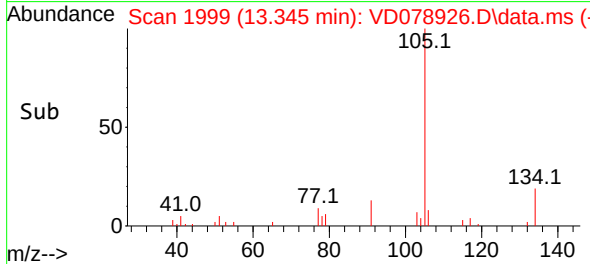
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2024



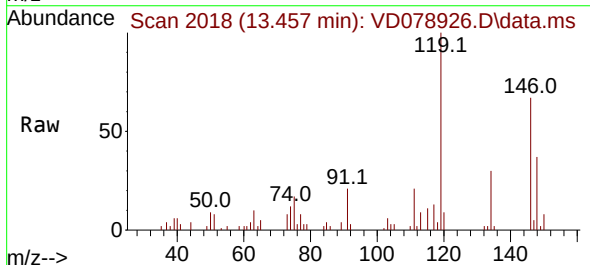
Tgt Ion:105 Resp: 20559
 Ion Ratio Lower Upper
 105 100
 134 21.6 10.3 30.8

Manual Integrations
 APPROVED

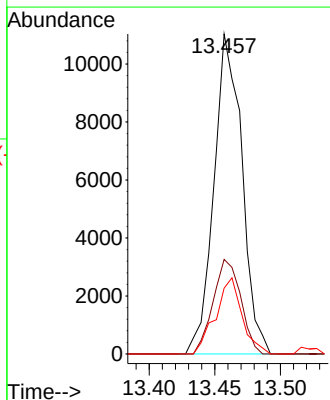
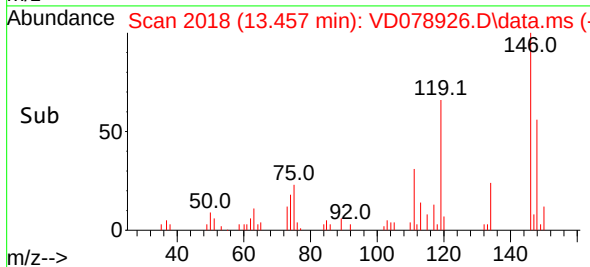
Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

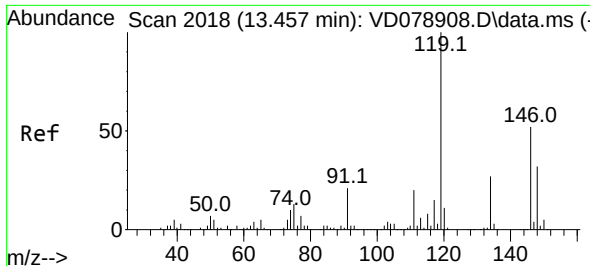


#86
 p-Isopropyltoluene
 Concen: 3.175 ug/l
 RT: 13.457 min Scan# 2018
 Delta R.T. 0.000 min
 Lab File: VD078926.D
 Acq: 15 May 2024 12:08



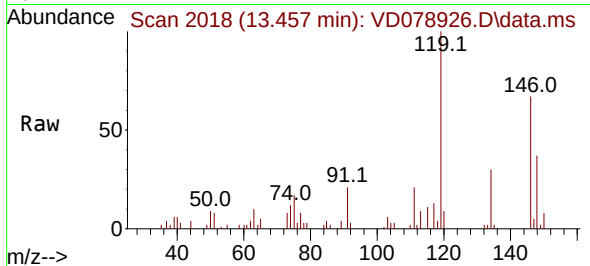
Tgt Ion:119 Resp: 16377
 Ion Ratio Lower Upper
 119 100
 134 29.1 13.7 41.1
 91 22.5 10.7 32.1





#87
1,3-Dichlorobenzene
Concen: 3.653 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. 0.000 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

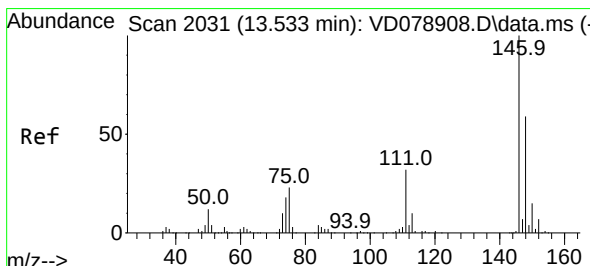
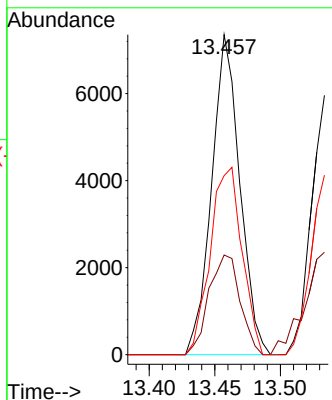
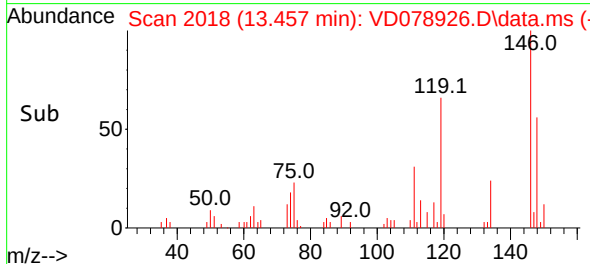
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



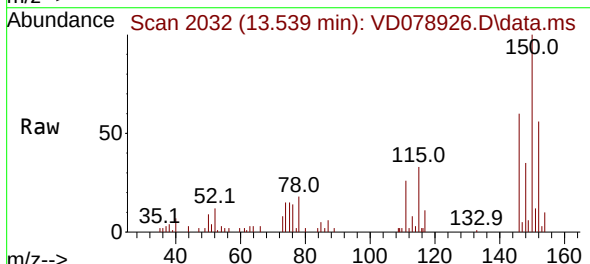
Tgt Ion:146 Resp: 10978
Ion Ratio Lower Upper
146 100
111 34.5 18.5 55.5
148 66.0 30.9 92.8

Manual Integrations
APPROVED

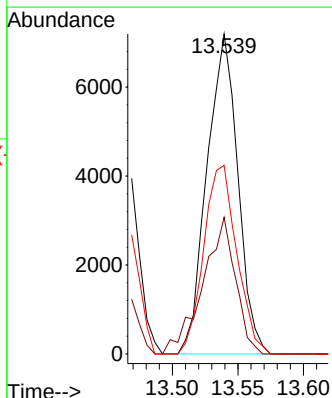
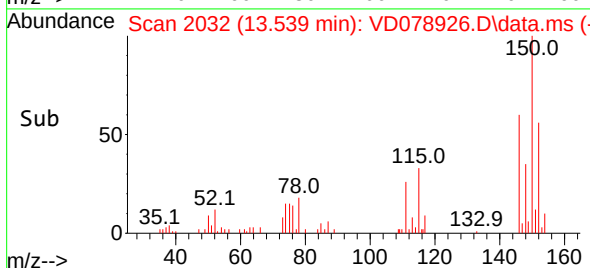
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

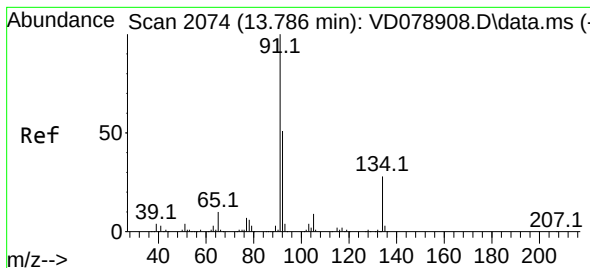


#88
1,4-Dichlorobenzene
Concen: 4.006 ug/l
RT: 13.539 min Scan# 2032
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



Tgt Ion:146 Resp: 11792
Ion Ratio Lower Upper
146 100
111 45.3 17.5 52.6
148 63.1 31.4 94.2





#89

n-Butylbenzene

Concen: 3.277 ug/l

RT: 13.787 min Scan# 2074

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

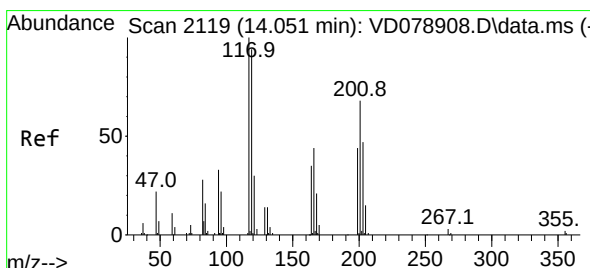
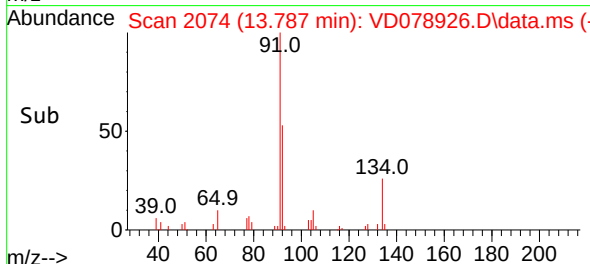
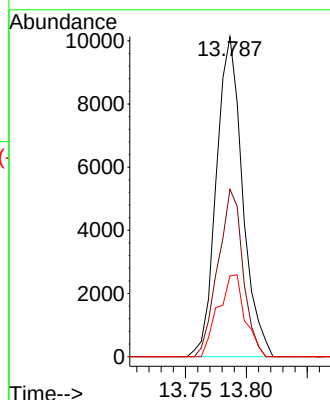
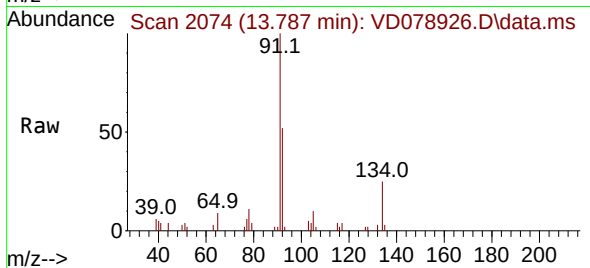
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion: 91	Resp: 1514
Ion Ratio	Lower Upper
91	100
92	49.8 25.7 77.0
134	26.2 13.6 40.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#90

Hexachloroethane

Concen: 3.873 ug/l

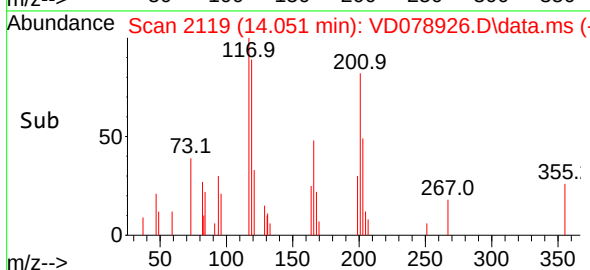
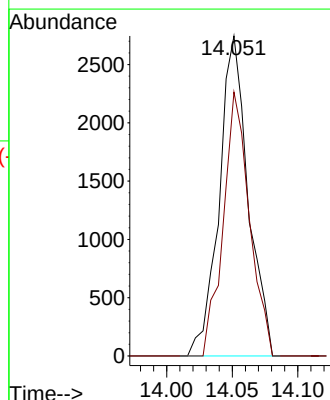
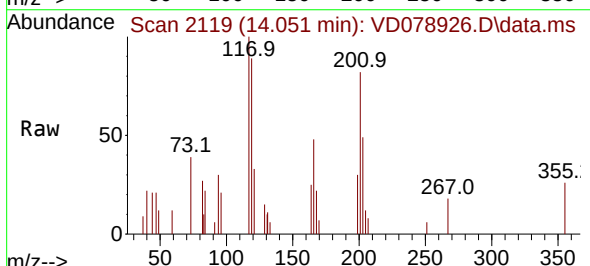
RT: 14.051 min Scan# 2119

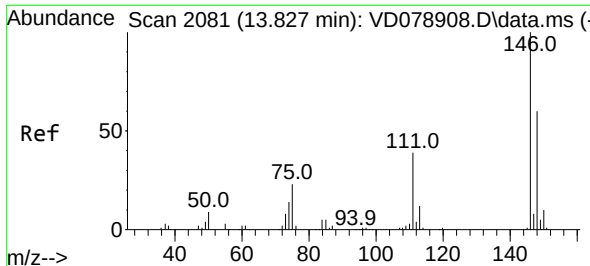
Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

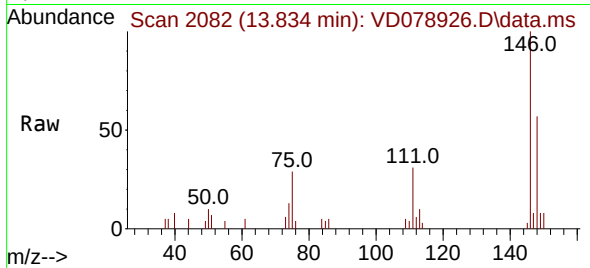
Tgt Ion:117	Resp: 4214
Ion Ratio	Lower Upper
117	100
201	74.7 36.3 108.9





#91
1,2-Dichlorobenzene
Concen: 3.885 ug/l
RT: 13.834 min Scan# 2081
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08

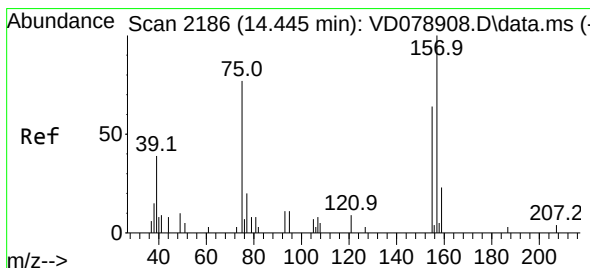
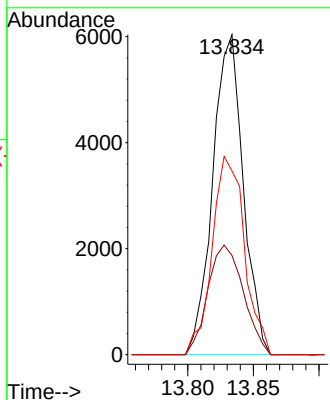
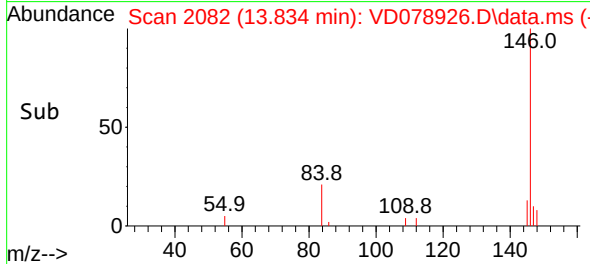
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2024



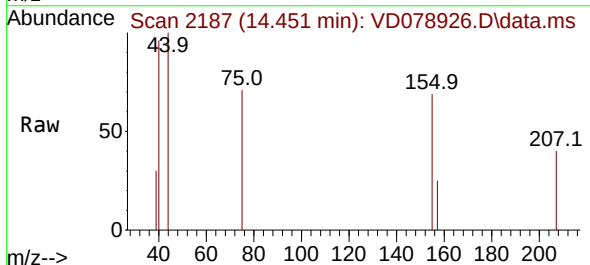
Tgt Ion:146 Resp: 9770
Ion Ratio Lower Upper
146 100
111 39.8 19.1 57.1
148 65.6 31.1 93.5

Manual Integrations
APPROVED

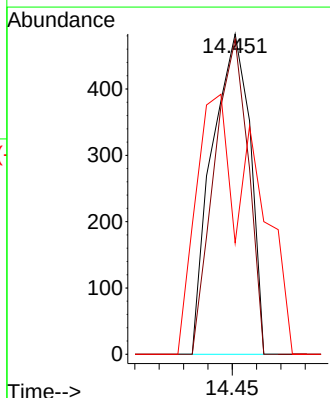
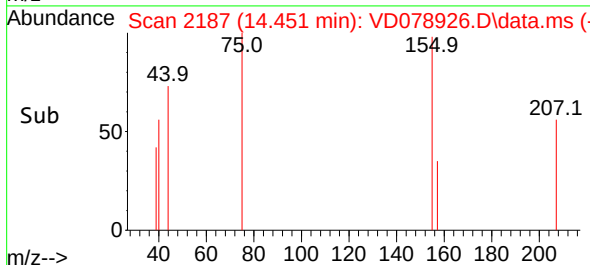
Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024

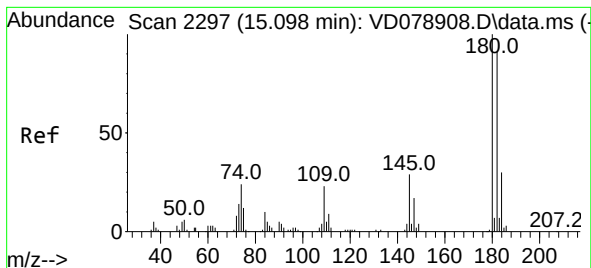


#92
1,2-Dibromo-3-Chloropropane
Concen: 4.040 ug/l
RT: 14.451 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VD078926.D
Acq: 15 May 2024 12:08



Tgt Ion: 75 Resp: 524
Ion Ratio Lower Upper
75 100
155 88.0 47.7 143.1
157 125.4 63.4 190.2





#93

1,2,4-Trichlorobenzene

Concen: 4.081 ug/l

RT: 15.098 min Scan# 21

Delta R.T. 0.000 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

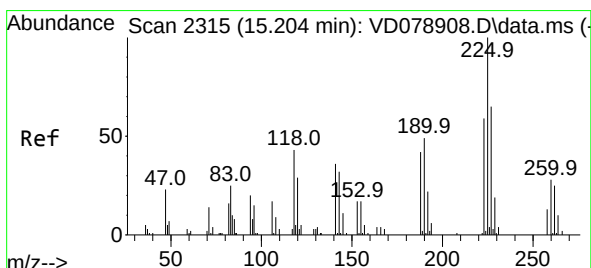
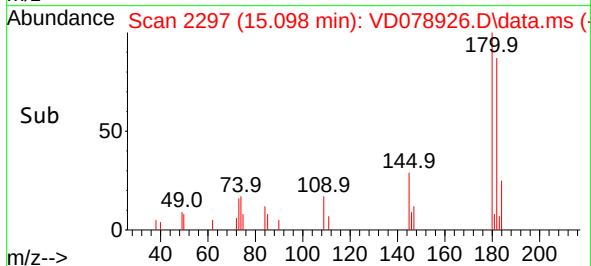
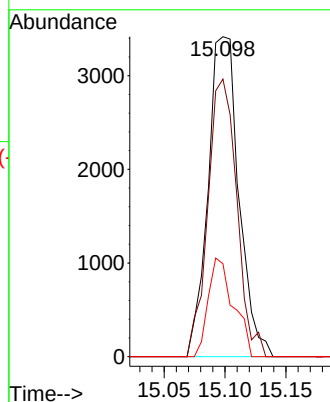
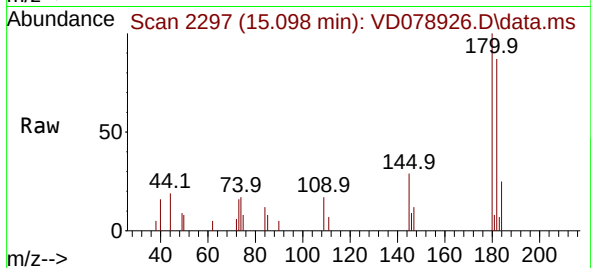
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:180	Resp:	6020
Ion Ratio	Lower	Upper
180	100	
182	81.4	46.9 140.7
145	25.2	14.0 41.9

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#94

Hexachlorobutadiene

Concen: 3.533 ug/l

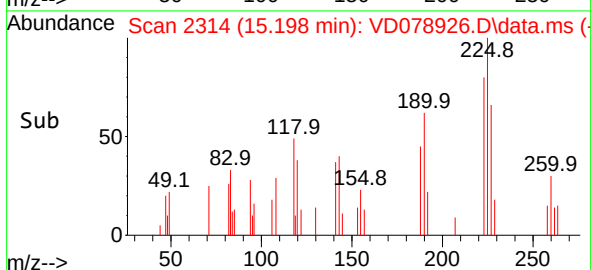
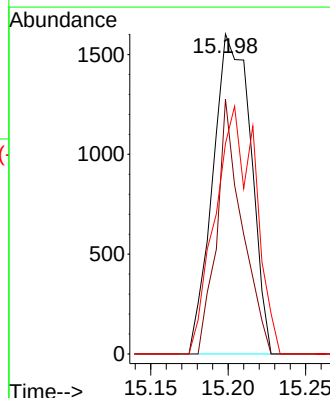
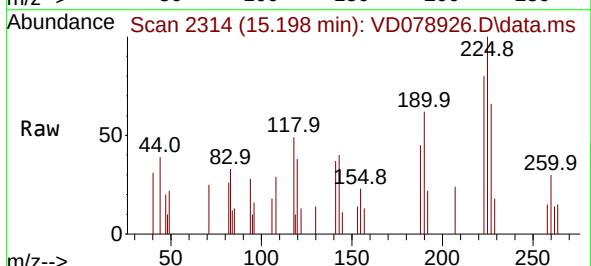
RT: 15.198 min Scan# 2314

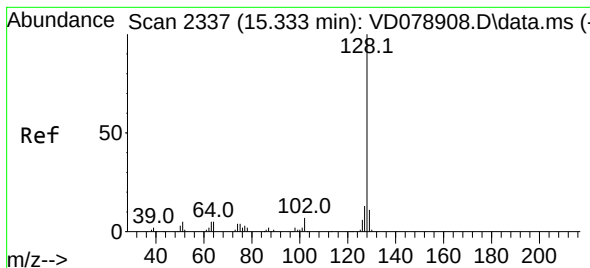
Delta R.T. -0.006 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Tgt Ion:225	Resp:	2726
Ion Ratio	Lower	Upper
225	100	
223	53.2	33.3 99.9
227	81.9	33.6 100.6





#95

Naphthalene

Concen: 3.419 ug/l

RT: 15.334 min Scan# 2337

Delta R.T. 0.001 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Instrument :

MSVOA_D

ClientSampleId :

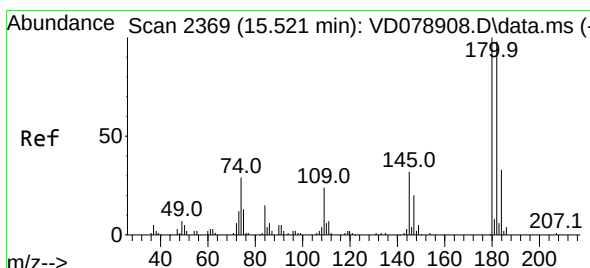
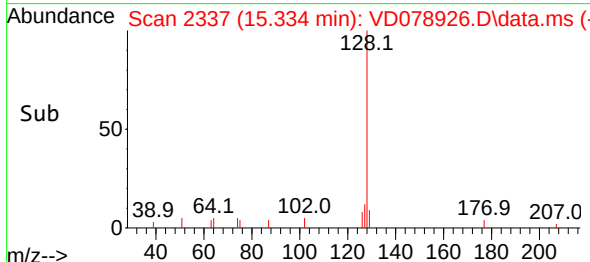
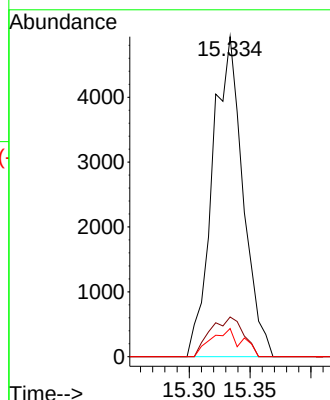
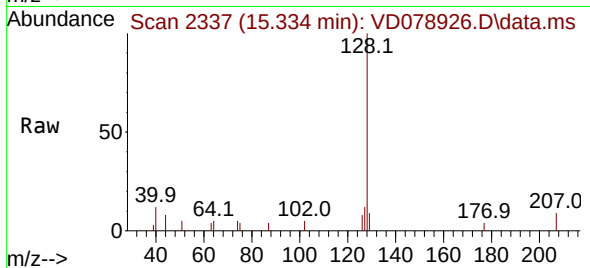
LOD-MDL-SOIL-01-QT2-2024

Tgt Ion:128	Resp:	8600
Ion Ratio	Lower	Upper
128	100	
127	12.4	10.2 15.4
129	8.8	8.5 12.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
Supervised By :Semsettin Yesilyurt 05/16/2024



#96

1,2,3-Trichlorobenzene

Concen: 3.549 ug/l

RT: 15.528 min Scan# 2370

Delta R.T. 0.006 min

Lab File: VD078926.D

Acq: 15 May 2024 12:08

Tgt Ion:180	Resp:	4662
Ion Ratio	Lower	Upper
180	100	
182	81.9	47.8 143.3
145	29.3	16.1 48.2

