

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012324\
 Data File : VD078207.D
 Acq On : 23 Jan 2024 14:48
 Operator : RP/MD
 Sample : P1187-01 4PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2024

Quant Time: Jan 24 01:22:57 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012224S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 24 01:21:11 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	121749	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.781	114	230964	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	210451	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	90168	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	76057	54.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.440%			
35) Dibromofluoromethane	7.810	113	77090	50.715	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.440%			
50) Toluene-d8	10.269	98	299371	49.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.480%			
62) 4-Bromofluorobenzene	12.575	95	82305	47.153	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 94.300%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	5868	4.184	ug/l	76
3) Chloromethane	2.152	50	10079	4.455	ug/l	98
4) Vinyl Chloride	2.287	62	11980	4.150	ug/l	94
5) Bromomethane	2.699	94	9023	4.283	ug/l	97
6) Chloroethane	2.846	64	8676	4.302	ug/l	# 81
7) Trichlorofluoromethane	3.181	101	11335	4.316	ug/l	92
8) Diethyl Ether	3.599	74	2899	3.982	ug/l	73
9) 1,1,2-Trichlorotrifluo...	3.981	101	6843	4.499	ug/l	90
10) Methyl Iodide	4.169	142	5846	3.834	ug/l	93
11) Tert butyl alcohol	5.069	59	1675m	24.479	ug/l	
12) 1,1-Dichloroethene	3.946	96	6255	4.152	ug/l	97
13) Acrolein	3.799	56	3480	22.155	ug/l	97
14) Allyl chloride	4.563	41	8448	4.251	ug/l	# 84
15) Acrylonitrile	5.269	53	6937	21.236	ug/l	99
16) Acetone	4.022	43	7309	17.641	ug/l	97
17) Carbon Disulfide	4.275	76	21226	4.345	ug/l	97
18) Methyl Acetate	4.575	43	5087	4.254	ug/l	# 74
19) Methyl tert-butyl Ether	5.310	73	12488	3.975	ug/l	96
20) Methylene Chloride	4.805	84	11349	5.566	ug/l	# 82
21) trans-1,2-Dichloroethene	5.328	96	7065	4.058	ug/l	89
22) Diisopropyl ether	6.222	45	17490	4.159	ug/l	# 88
23) Vinyl Acetate	6.163	43	40254	19.428	ug/l	95
24) 1,1-Dichloroethane	6.122	63	12112	4.168	ug/l	# 84
25) 2-Butanone	7.087	43	9292	18.978	ug/l	# 86
26) 2,2-Dichloropropane	7.075	77	9811	4.030	ug/l	98
27) cis-1,2-Dichloroethene	7.075	96	7548	4.036	ug/l	90
28) Bromochloromethane	7.434	49	4497	3.968	ug/l	# 72
29) Tetrahydrofuran	7.451	42	4736	20.654	ug/l	# 74
30) Chloroform	7.599	83	12589	4.260	ug/l	95
31) Cyclohexane	7.893	56	12335	4.800	ug/l	# 94
32) 1,1,1-Trichloroethane	7.810	97	10355m	4.056	ug/l	
36) 1,1-Dichloropropene	8.004	75	10189	4.076	ug/l	90
37) Ethyl Acetate	7.175	43	3999	4.297	ug/l	# 88
38) Carbon Tetrachloride	7.998	117	8788	3.560	ug/l	96
39) Methylcyclohexane	9.281	83	10700	3.620	ug/l	91
40) Benzene	8.251	78	28969	4.084	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.410	41	2133m	4.174	ug/l	
42) 1,2-Dichloroethane	8.334	62	7476	4.051	ug/l	88
43) Isopropyl Acetate	8.357	43	6477	3.799	ug/l #	54
44) Trichloroethene	9.034	130	7411	4.084	ug/l	98
45) 1,2-Dichloropropane	9.310	63	6756	3.838	ug/l	92
46) Dibromomethane	9.404	93	4093	4.234	ug/l #	85
47) Bromodichloromethane	9.581	83	9563	3.938	ug/l #	96
48) Methyl methacrylate	9.387	41	3977	4.029	ug/l #	75
49) 1,4-Dioxane	9.369	88	654	69.921	ug/l #	79
51) 4-Methyl-2-Pentanone	10.163	43	15801	17.637	ug/l	87
52) Toluene	10.334	92	16274	3.619	ug/l	95
53) t-1,3-Dichloropropene	10.551	75	8584	3.832	ug/l	96
54) cis-1,3-Dichloropropene	10.022	75	10014	3.729	ug/l #	86
55) 1,1,2-Trichloroethane	10.734	97	4969	3.842	ug/l	94
56) Ethyl methacrylate	10.598	69	3922	3.704	ug/l #	84
57) 1,3-Dichloropropane	10.881	76	8549	3.865	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.875	63	11730	18.486	ug/l	90
59) 2-Hexanone	10.922	43	12357	16.974	ug/l	85
60) Dibromochloromethane	11.075	129	5753	3.772	ug/l	86
61) 1,2-Dibromoethane	11.181	107	4644	3.895	ug/l	100
64) Tetrachloroethene	10.810	164	5639	4.098	ug/l	95
65) Chlorobenzene	11.604	112	17970	3.865	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	6311	3.799	ug/l	99
67) Ethyl Benzene	11.687	91	29695	3.510	ug/l	100
68) m/p-Xylenes	11.798	106	22633	7.005	ug/l	90
69) o-Xylene	12.122	106	9939	3.389	ug/l	86
70) Styrene	12.134	104	14389	3.275	ug/l #	90
71) Bromoform	12.298	173	2572	3.126	ug/l #	87
73) Isopropylbenzene	12.422	105	26501	3.738	ug/l	92
74) N-amyl acetate	12.234	43	5914	4.360	ug/l #	83
75) 1,1,2,2-Tetrachloroethane	12.675	83	6011	4.557	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	3180m	3.677	ug/l	
77) Bromobenzene	12.698	156	6560	4.220	ug/l	83
78) n-propylbenzene	12.763	91	33861	3.851	ug/l	93
79) 2-Chlorotoluene	12.851	91	19547	4.166	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	22209	3.778	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.463	75	2002	4.986	ug/l #	93
82) 4-Chlorotoluene	12.945	91	19638	3.970	ug/l	97
83) tert-Butylbenzene	13.163	119	17286	3.518	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	21245	3.573	ug/l	93
85) sec-Butylbenzene	13.345	105	26654	3.582	ug/l	98
86) p-Isopropyltoluene	13.457	119	21905	3.383	ug/l	94
87) 1,3-Dichlorobenzene	13.457	146	12187	3.787	ug/l	94
88) 1,4-Dichlorobenzene	13.539	146	13191	4.149	ug/l	89
89) n-Butylbenzene	13.786	91	22684	3.599	ug/l	97
90) Hexachloroethane	14.051	117	5407	4.257	ug/l	77
91) 1,2-Dichlorobenzene	13.828	146	10960	4.050	ug/l	93
92) 1,2-Dibromo-3-Chloropr...	14.439	75	1048	5.559	ug/l #	59
93) 1,2,4-Trichlorobenzene	15.092	180	5850	3.497	ug/l	89
94) Hexachlorobutadiene	15.198	225	3297	4.079	ug/l	98
95) Naphthalene	15.333	128	10881	3.479	ug/l #	94
96) 1,2,3-Trichlorobenzene	15.522	180	5458	3.889	ug/l	98

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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

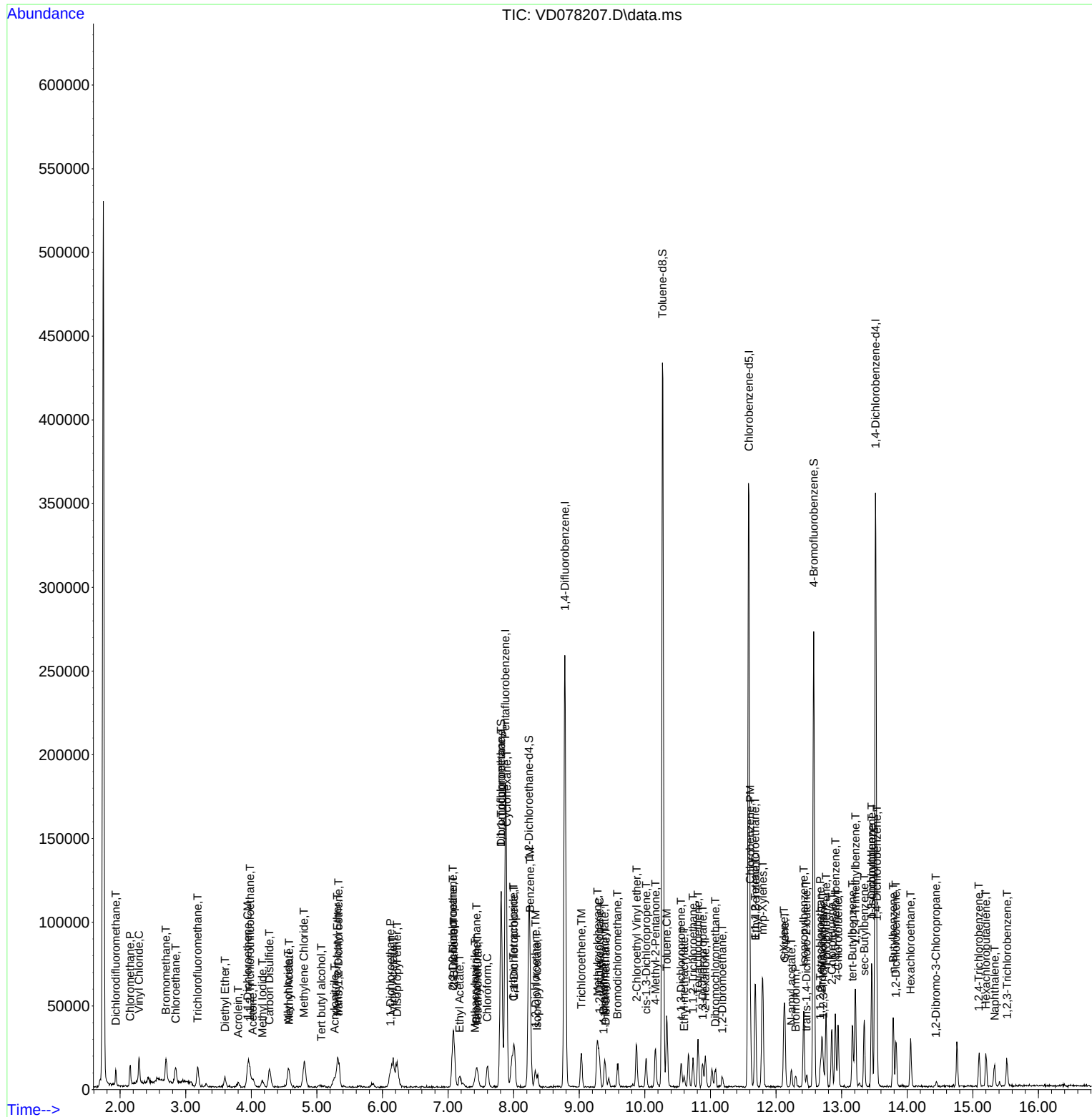
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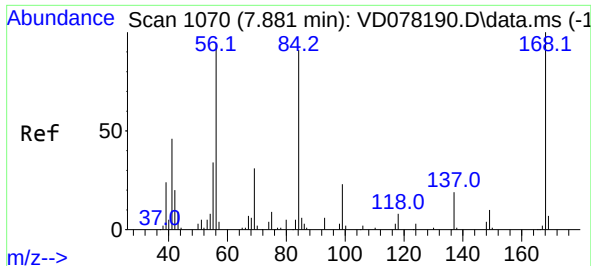
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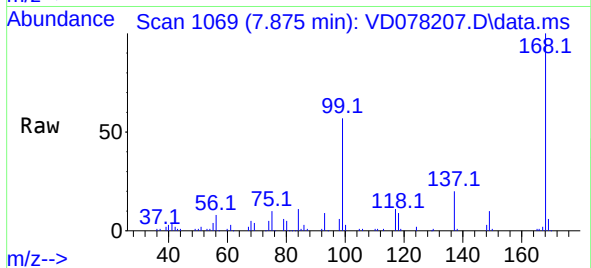
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.875 min Scan# 1070
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

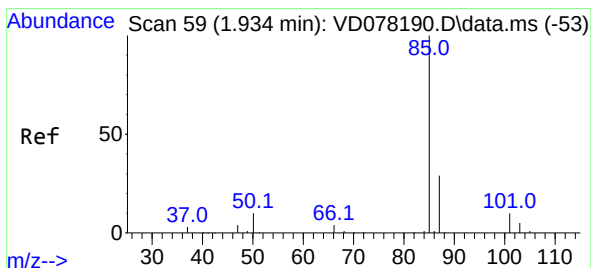
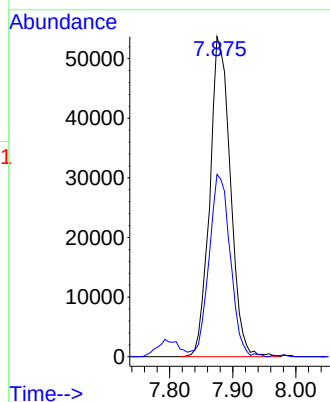
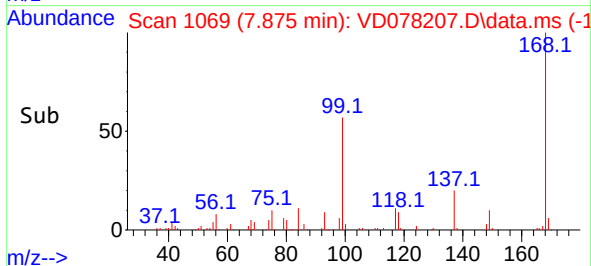
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:168 Resp: 121749
Ion Ratio Lower Upper
168 100
99 56.6 36.7 55.1

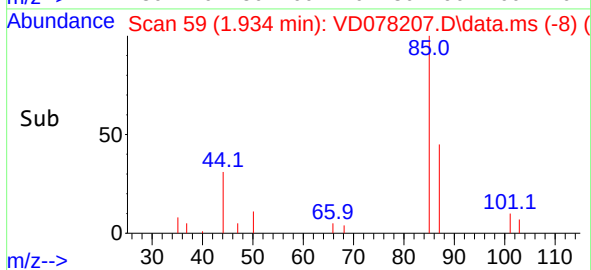
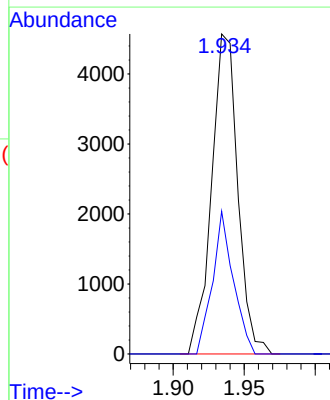
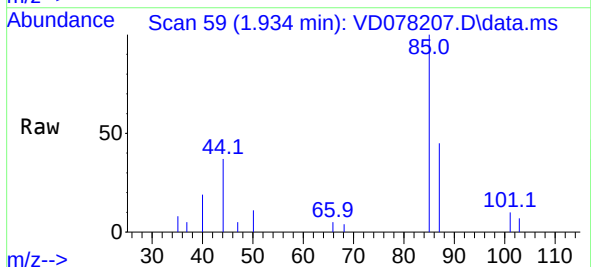
Manual Integrations
APPROVED

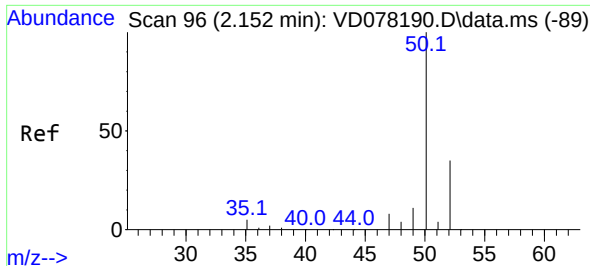
Reviewed By :Mahesh Dadoda 01/25/2024
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#2
Dichlorodifluoromethane
Concen: 4.184 ug/l
RT: 1.934 min Scan# 59
Delta R.T. 0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

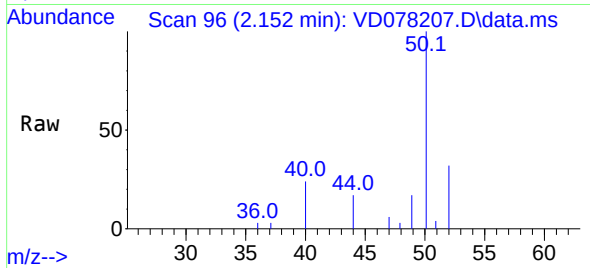
Tgt Ion: 85 Resp: 5868
Ion Ratio Lower Upper
85 100
87 44.6 15.7 47.0





#3
Chloromethane
Concen: 4.455 ug/l
RT: 2.152 min Scan# 96
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

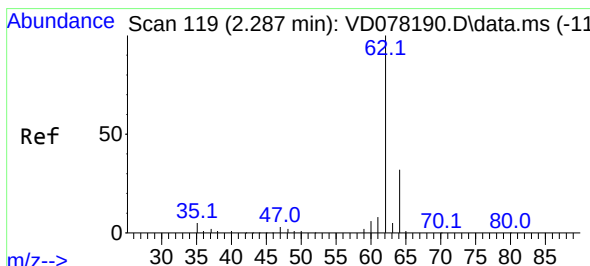
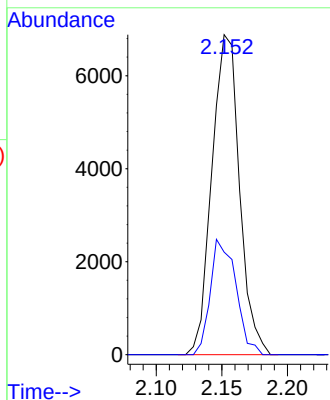
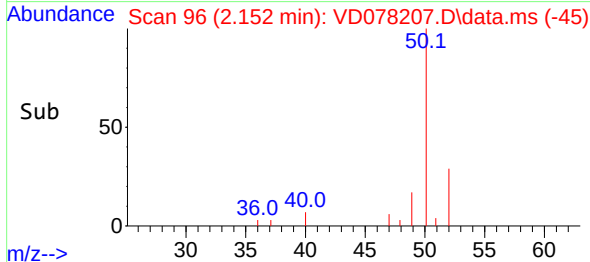
Instrument : MSVOA_D
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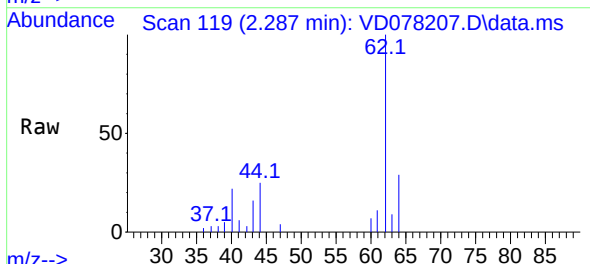
Tgt Ion: 50 Resp: 10079
Ion Ratio Lower Upper
50 100
52 32.1 26.6 40.0

Manual Integrations
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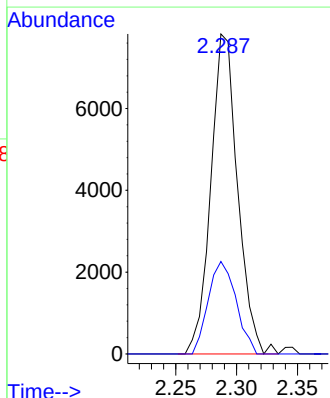
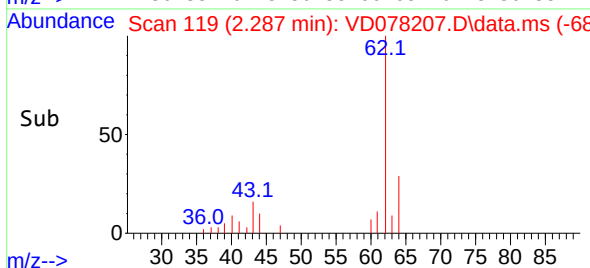
Reviewed By :Mahesh Dadoda 01/25/2024
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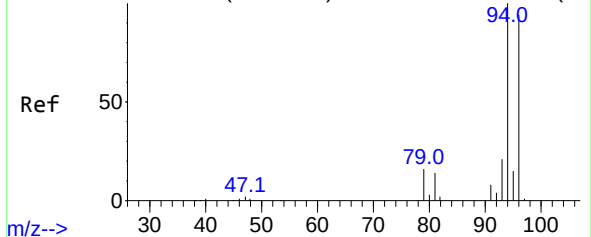
#4
Vinyl Chloride
Concen: 4.150 ug/l
RT: 2.287 min Scan# 119
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion: 62 Resp: 11980
Ion Ratio Lower Upper
62 100
64 28.9 26.0 39.0



Abundance Scan 189 (2.699 min): VD078190.D\data.ms (-18



#5

Bromomethane

Concen: 4.283 ug/l

RT: 2.699 min Scan# 189

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 94 Resp: 902

Ion Ratio Lower Upper

94 100

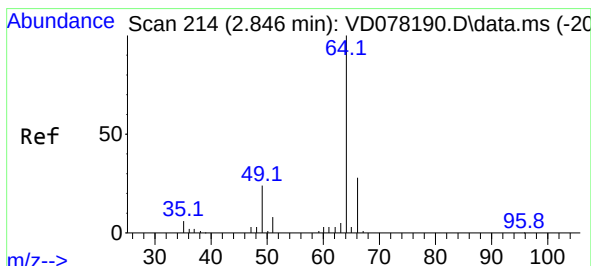
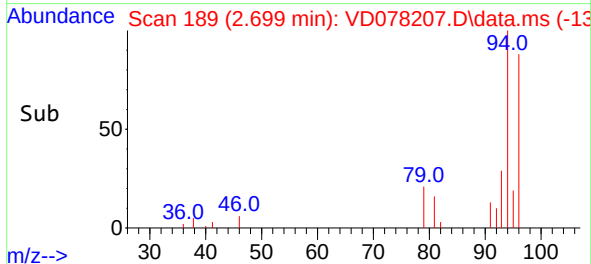
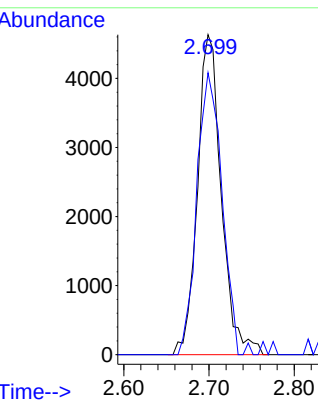
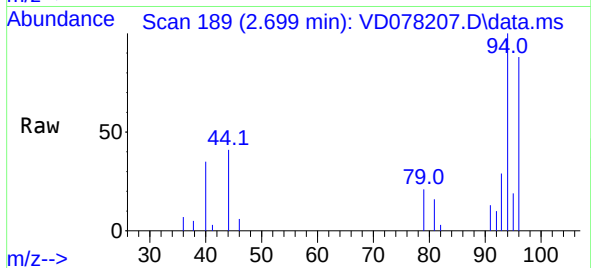
96 92.1 75.8 113.8

Manual Integrations

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Supervised By :Semsettin Yesilyurt 01/25/2024



#6

Chloroethane

Concen: 4.302 ug/l

RT: 2.846 min Scan# 214

Delta R.T. -0.000 min

Lab File: VD078207.D

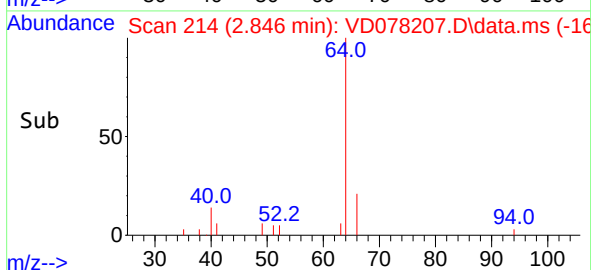
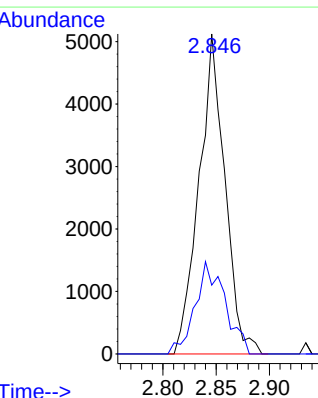
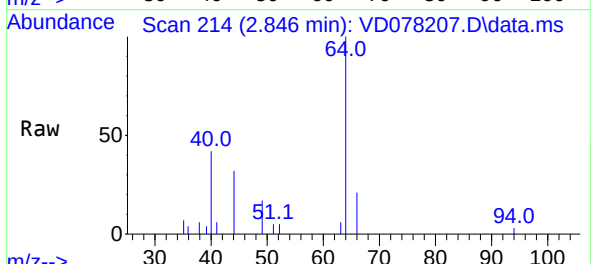
Acq: 23 Jan 2024 14:48

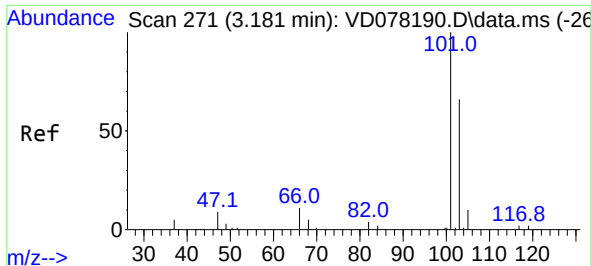
Tgt Ion: 64 Resp: 8676

Ion Ratio Lower Upper

64 100

66 21.5 25.5 38.3





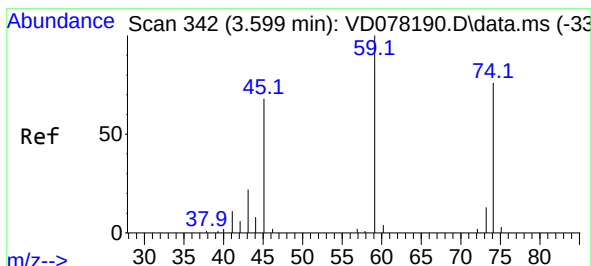
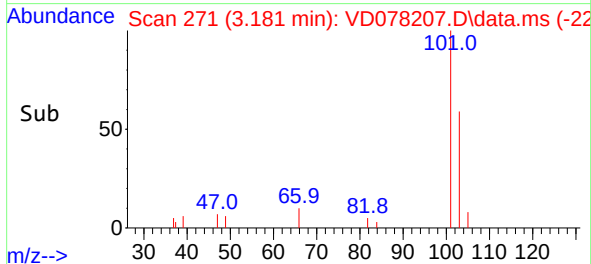
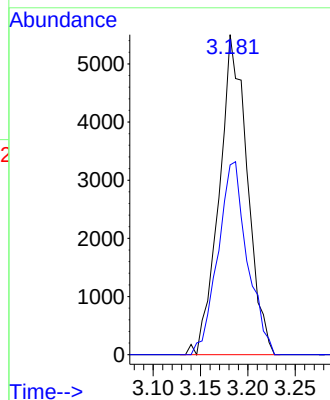
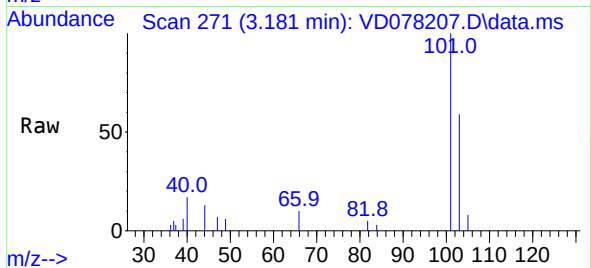
#7
Trichlorofluoromethane
Concen: 4.316 ug/l
RT: 3.181 min Scan# 271
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:101 Resp: 1133
Ion Ratio Lower Upper
101 100
103 59.3 52.3 78.5

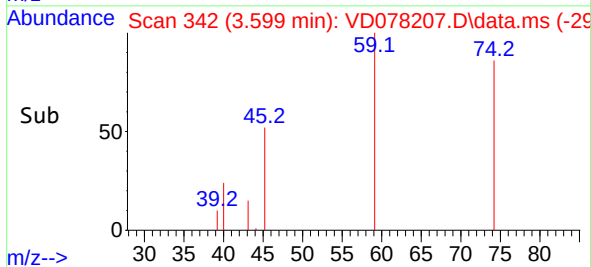
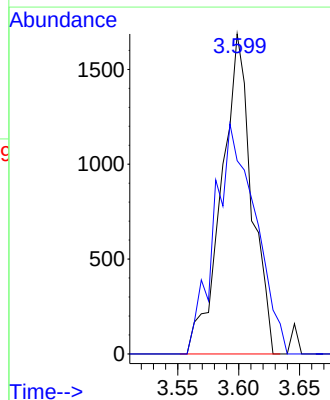
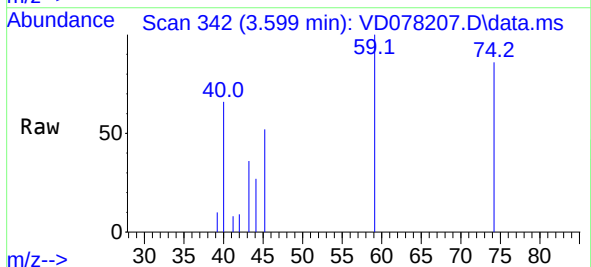
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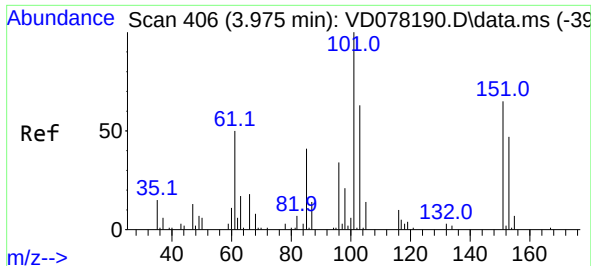
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#8
Diethyl Ether
Concen: 3.982 ug/l
RT: 3.599 min Scan# 342
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion: 74 Resp: 2899
Ion Ratio Lower Upper
74 100
45 98.3 37.5 112.7





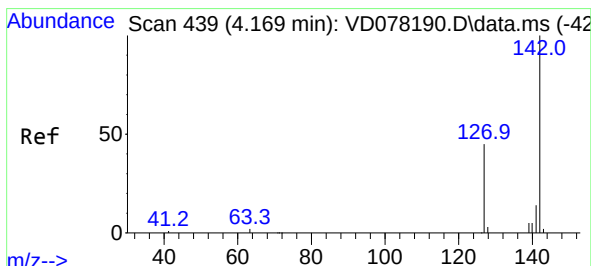
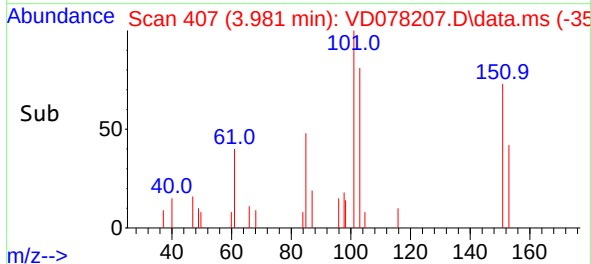
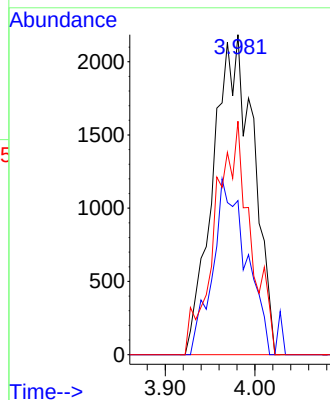
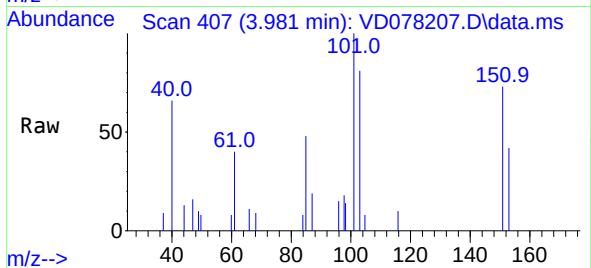
#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.499 ug/l
RT: 3.981 min Scan# 406
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:101 Resp: 684
Ion Ratio Lower Upper
101 100
85 45.7 33.8 50.6
151 63.5 59.8 89.6

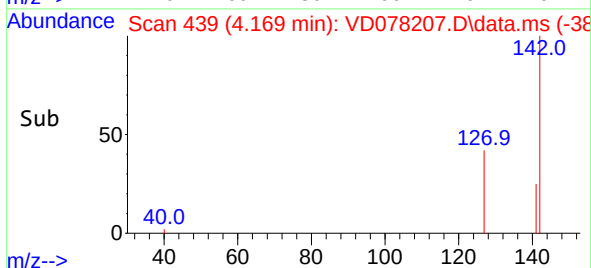
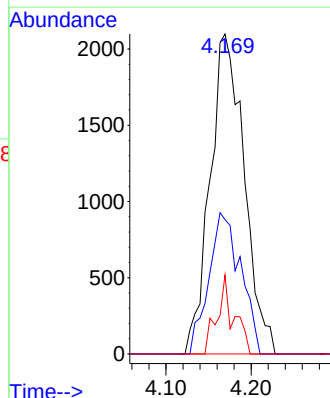
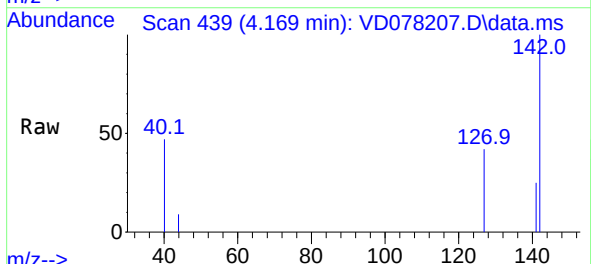
Manual Integrations
APPROVED

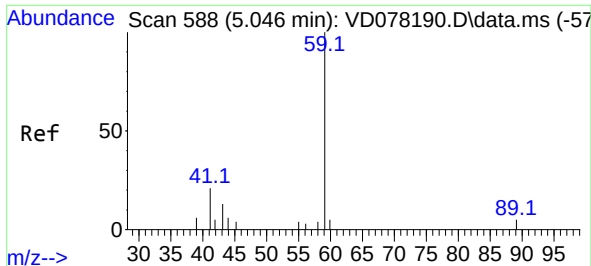
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#10
Methyl Iodide
Concen: 3.834 ug/l
RT: 4.169 min Scan# 439
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

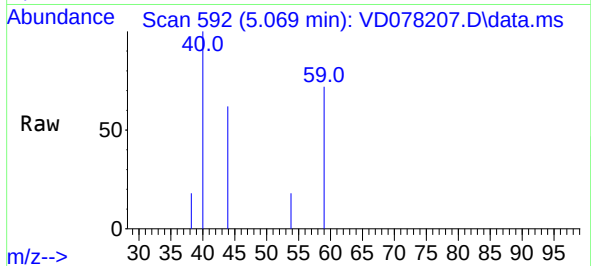
Tgt Ion:142 Resp: 5846
Ion Ratio Lower Upper
142 100
127 41.4 29.4 44.0
141 12.1 11.1 16.7





#11
Tert butyl alcohol
Concen: 24.479 ug/l m
RT: 5.069 min Scan# 592
Delta R.T. 0.023 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

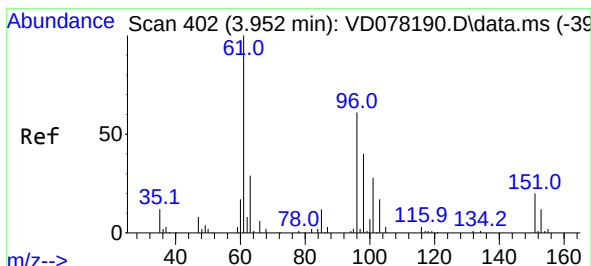
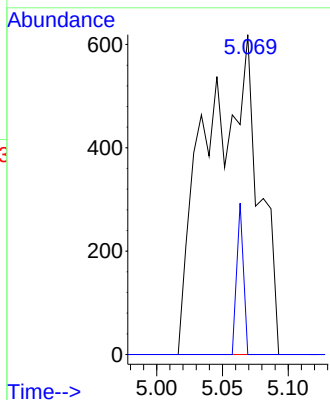
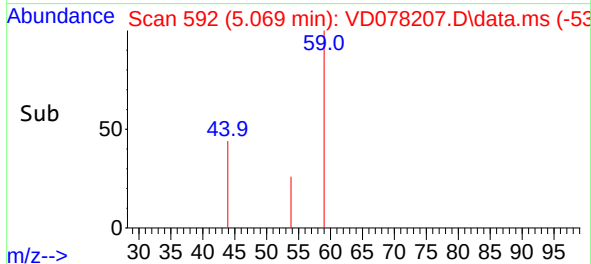
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



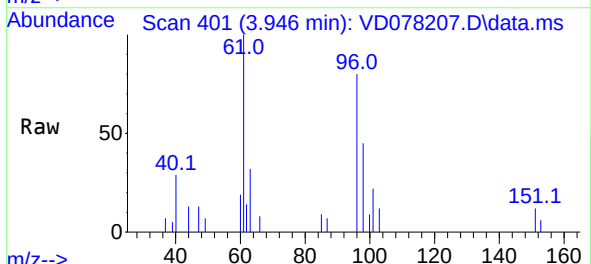
Tgt Ion: 59 Resp: 1679
Ion Ratio Lower Upper
59 100
57 6.1 7.8 11.8

Manual Integrations
APPROVED

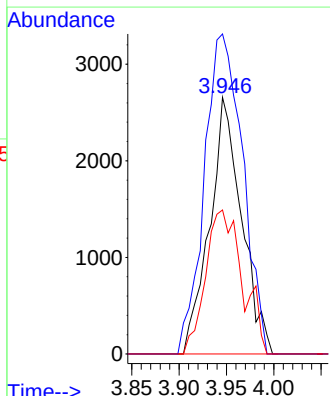
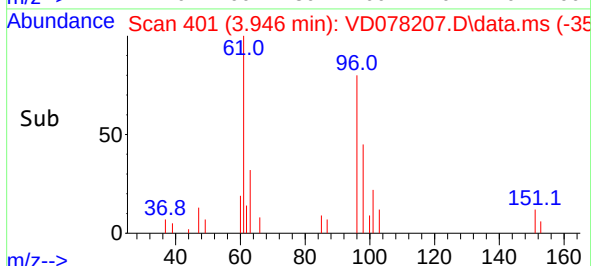
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

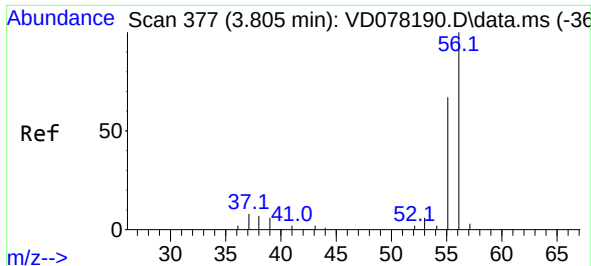


#12
1,1-Dichloroethene
Concen: 4.152 ug/l
RT: 3.946 min Scan# 401
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion: 96 Resp: 6255
Ion Ratio Lower Upper
96 100
61 124.7 100.6 150.8
98 56.1 50.2 75.2





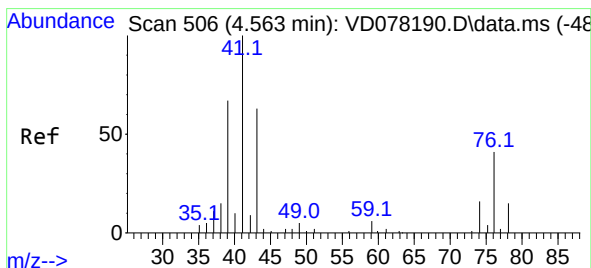
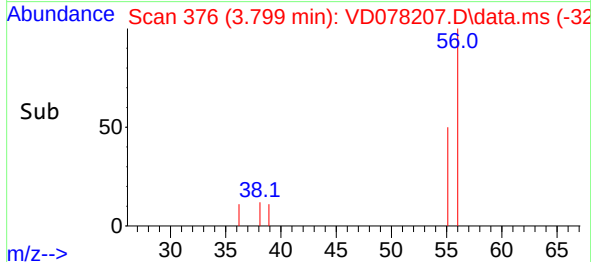
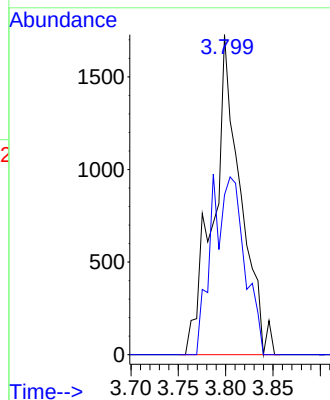
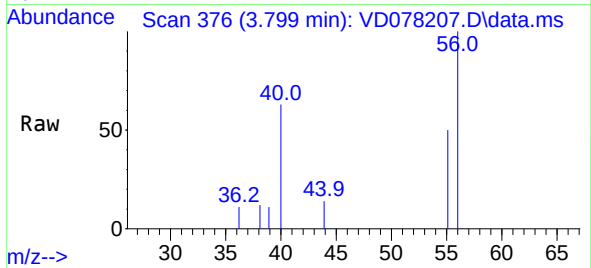
#13
Acrolein
Concen: 22.155 ug/l
RT: 3.799 min Scan# 31
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 56 Resp: 3480
Ion Ratio Lower Upper
56 100
55 66.8 55.1 82.7

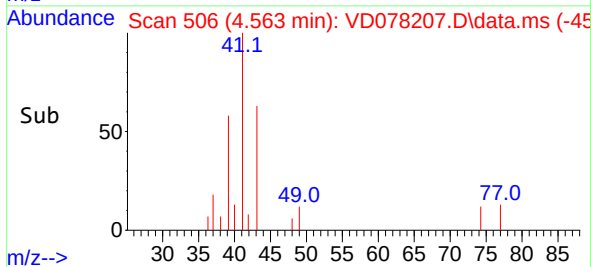
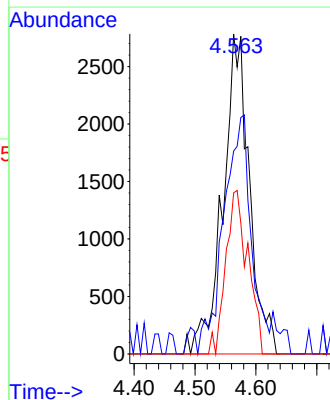
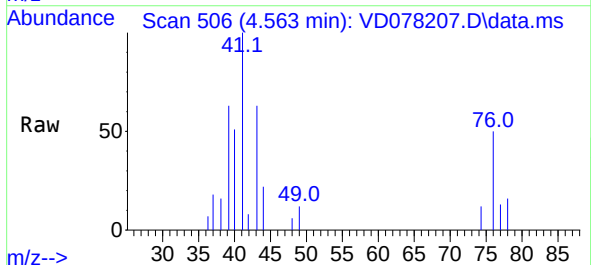
Manual Integrations
APPROVED

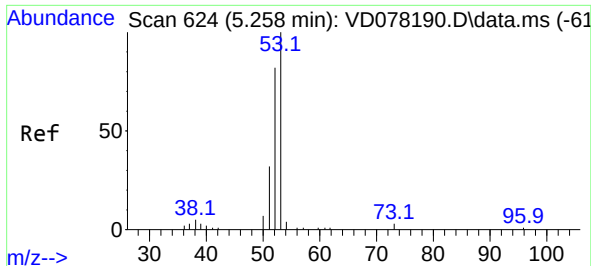
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#14
Allyl chloride
Concen: 4.251 ug/l
RT: 4.563 min Scan# 506
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

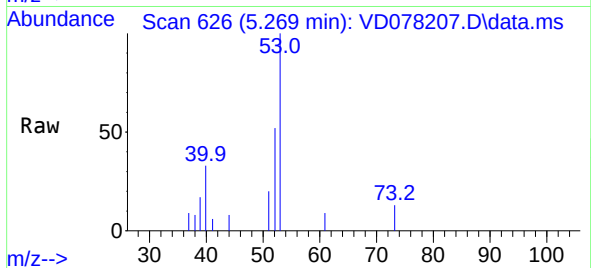
Tgt Ion: 41 Resp: 8448
Ion Ratio Lower Upper
41 100
39 77.1 53.8 80.6
76 42.4 45.8 68.8#





#15
Acrylonitrile
Concen: 21.236 ug/l
RT: 5.269 min Scan# 61
Delta R.T. 0.012 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

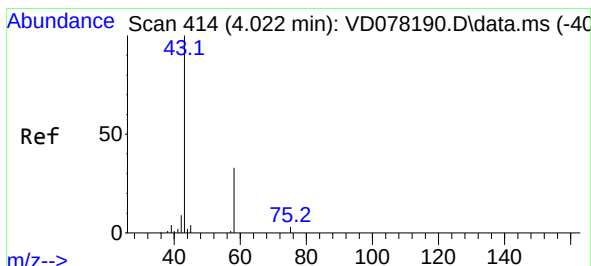
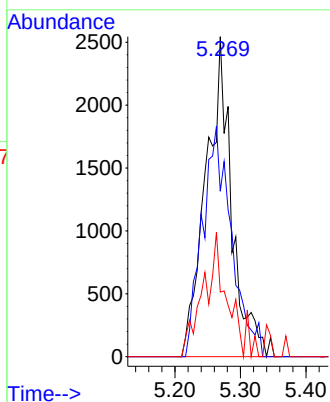
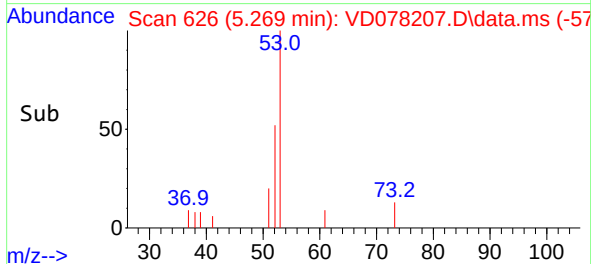
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 53 Resp: 693
Ion Ratio Lower Upper
53 100
52 81.5 65.0 97.4
51 33.9 28.3 42.5

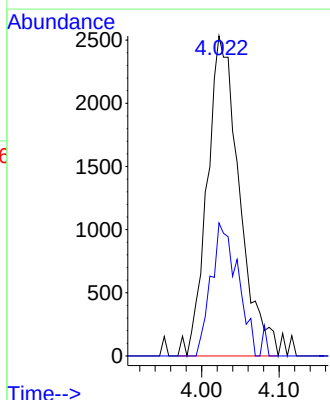
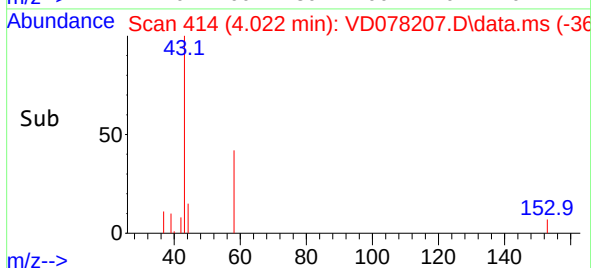
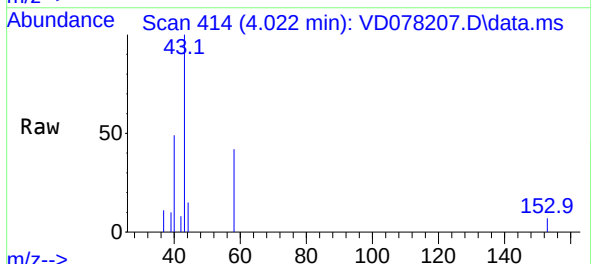
Manual Integrations
APPROVED

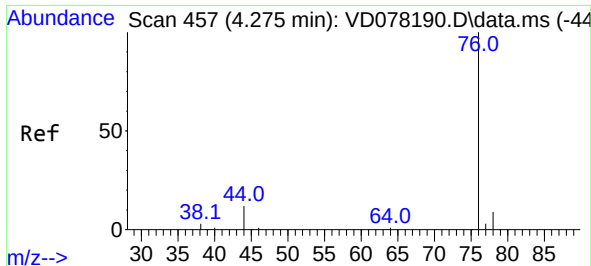
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#16
Acetone
Concen: 17.641 ug/l
RT: 4.022 min Scan# 414
Delta R.T. 0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

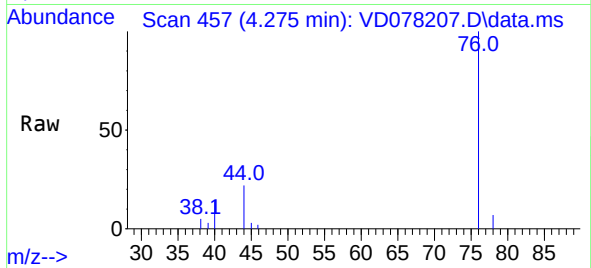
Tgt Ion: 43 Resp: 7309
Ion Ratio Lower Upper
43 100
58 41.5 34.7 52.1





#17
Carbon Disulfide
Concen: 4.345 ug/l
RT: 4.275 min Scan# 457
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

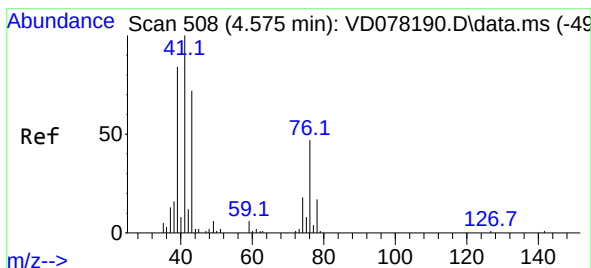
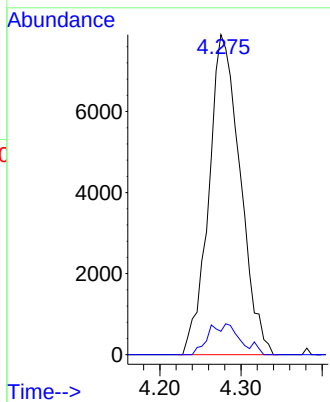
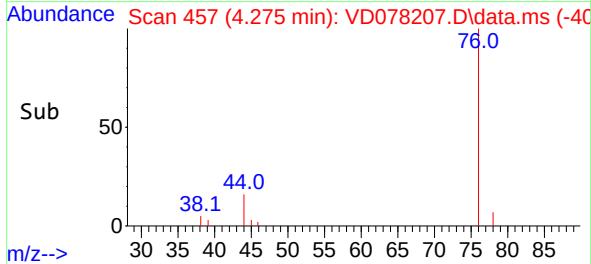
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



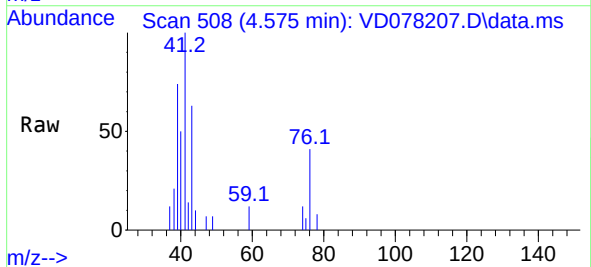
Tgt Ion: 76 Resp: 21220
Ion Ratio Lower Upper
76 100
78 7.3 6.8 10.2

Manual Integrations
APPROVED

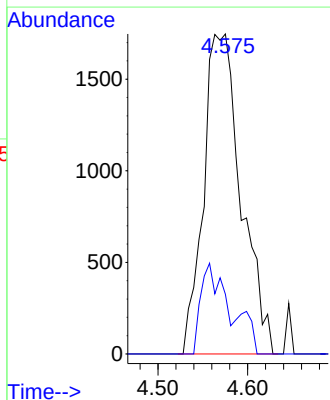
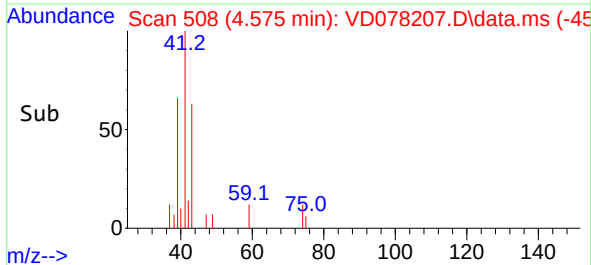
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

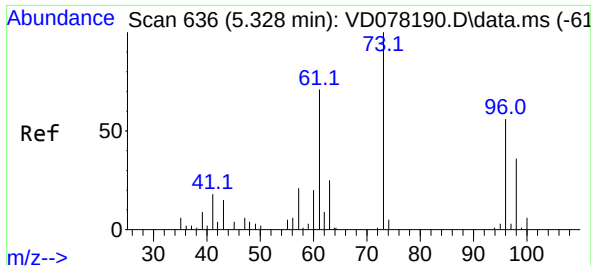


#18
Methyl Acetate
Concen: 4.254 ug/l
RT: 4.575 min Scan# 508
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



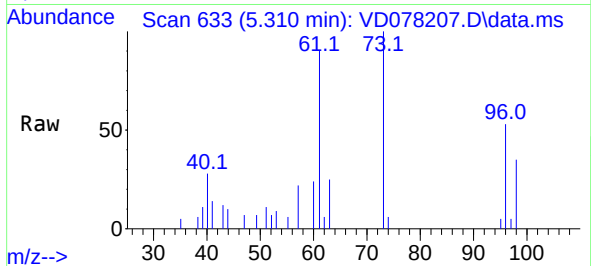
Tgt Ion: 43 Resp: 5087
Ion Ratio Lower Upper
43 100
74 18.1 26.4 39.6#





#19
Methyl tert-butyl Ether
Concen: 3.975 ug/l
RT: 5.310 min Scan# 61
Delta R.T. -0.018 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

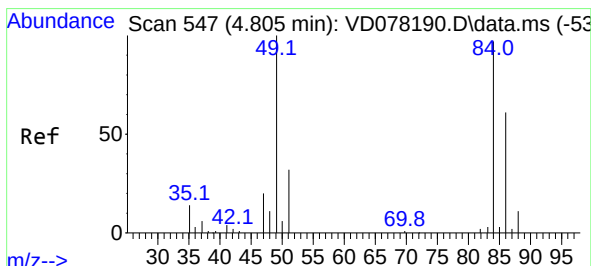
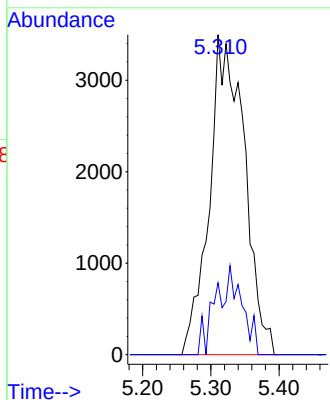
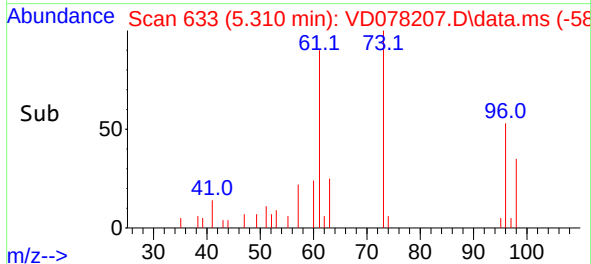
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



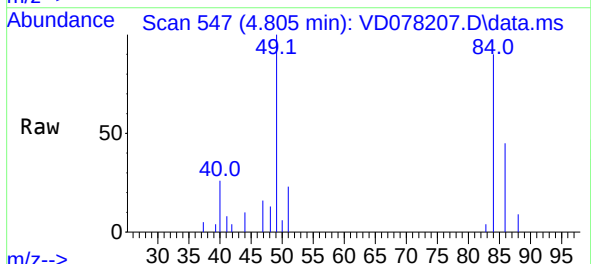
Tgt Ion: 73 Resp: 1248
Ion Ratio Lower Upper
73 100
57 22.5 16.6 25.0

Manual Integrations
APPROVED

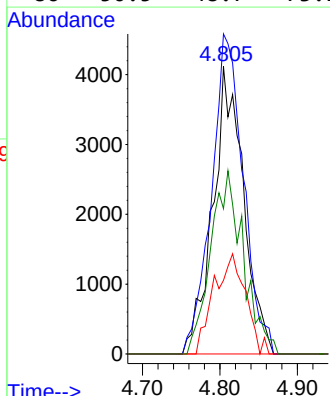
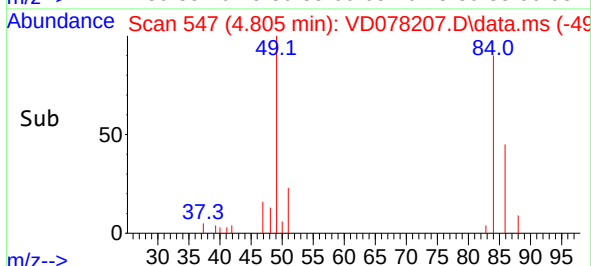
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

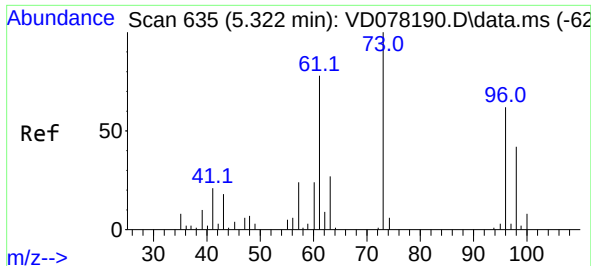


#20
Methylene Chloride
Concen: 5.566 ug/l
RT: 4.805 min Scan# 547
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



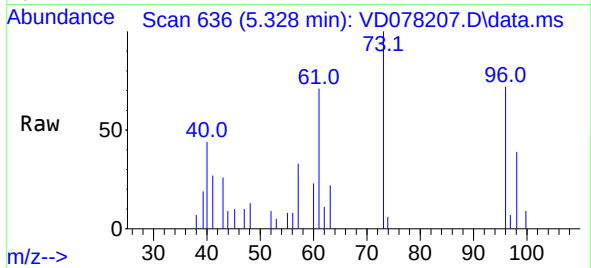
Tgt Ion: 84 Resp: 11349
Ion Ratio Lower Upper
84 100
49 111.3 71.4 107.2#
51 25.6 24.5 36.7
86 50.5 48.7 73.1





#21
trans-1,2-Dichloroethene
Concen: 4.058 ug/l
RT: 5.328 min Scan# 611
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

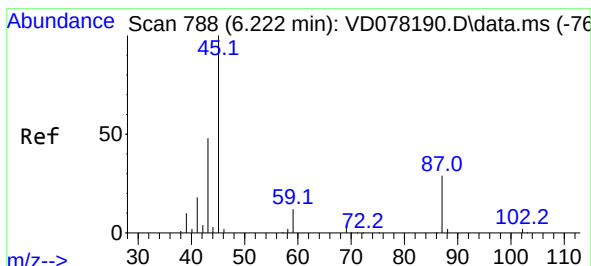
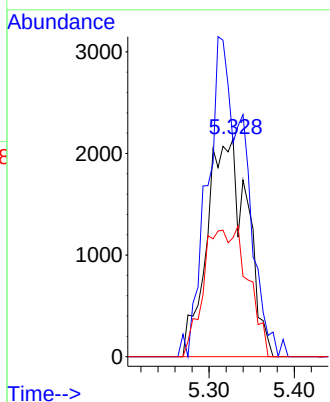
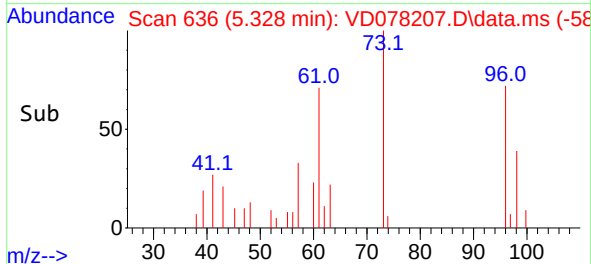
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 96 Resp: 7065
Ion Ratio Lower Upper
96 100
61 98.3 89.3 133.9
98 54.6 48.6 73.0

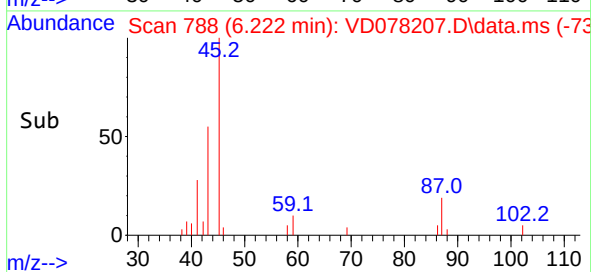
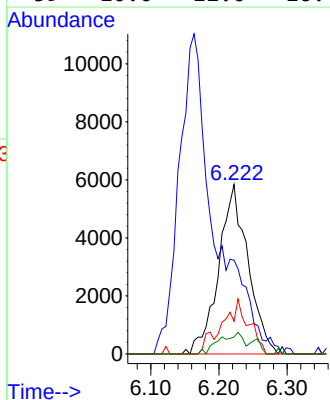
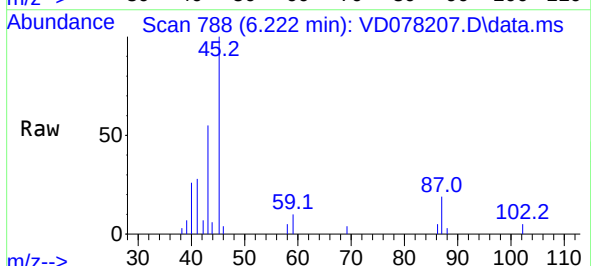
Manual Integrations
APPROVED

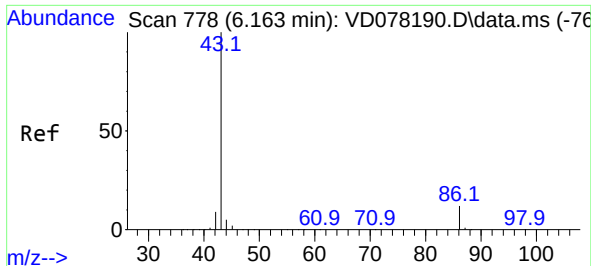
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#22
Diisopropyl ether
Concen: 4.159 ug/l
RT: 6.222 min Scan# 788
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

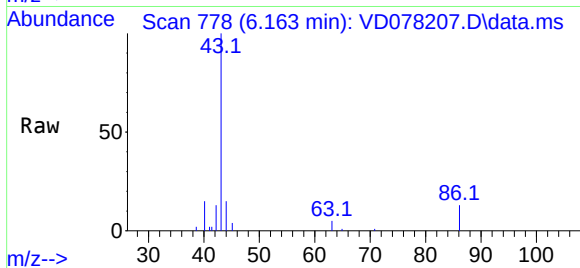
Tgt Ion: 45 Resp: 17490
Ion Ratio Lower Upper
45 100
43 50.9 40.0 60.0
87 19.2 28.2 42.4#
59 10.0 11.0 16.4#





#23
 Vinyl Acetate
 Concen: 19.428 ug/l
 RT: 6.163 min Scan# 778
 Delta R.T. -0.000 min
 Lab File: VD078207.D
 Acq: 23 Jan 2024 14:48

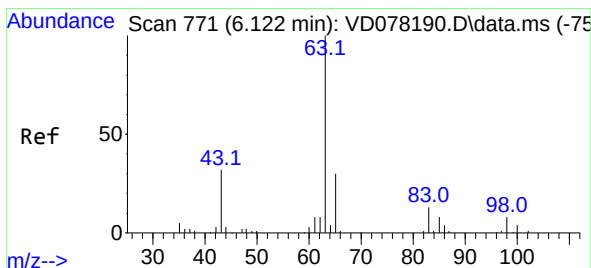
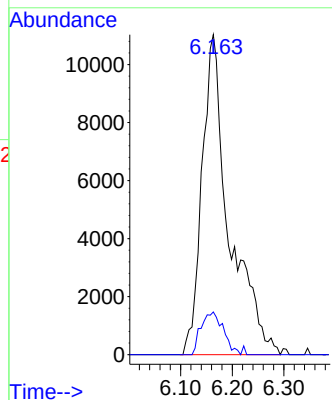
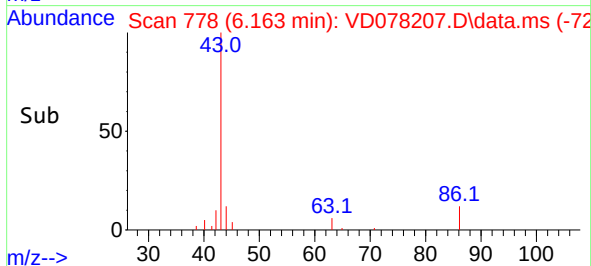
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



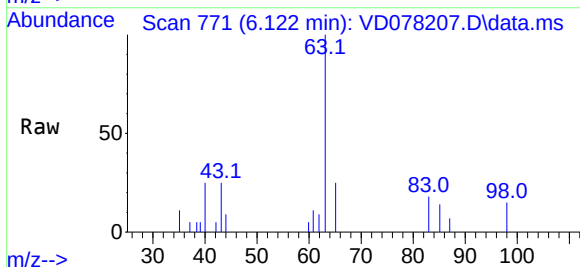
Tgt Ion: 43 Resp: 40254
 Ion Ratio Lower Upper
 43 100
 86 13.4 12.5 18.7

Manual Integrations
 APPROVED

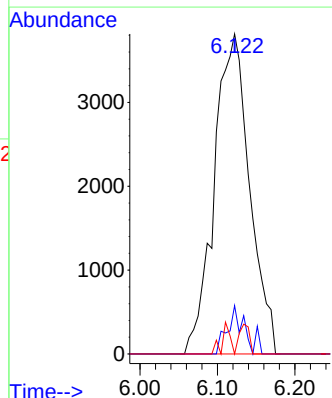
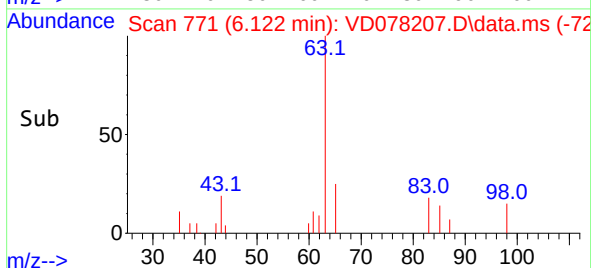
Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024

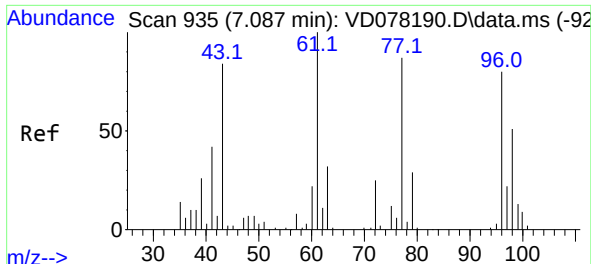


#24
 1,1-Dichloroethane
 Concen: 4.168 ug/l
 RT: 6.122 min Scan# 771
 Delta R.T. -0.000 min
 Lab File: VD078207.D
 Acq: 23 Jan 2024 14:48



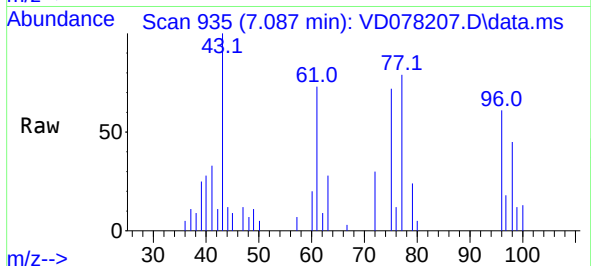
Tgt Ion: 63 Resp: 12112
 Ion Ratio Lower Upper
 63 100
 98 15.1 4.5 13.7#
 100 0.0 2.5 7.5#





#25
2-Butanone
Concen: 18.978 ug/l
RT: 7.087 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

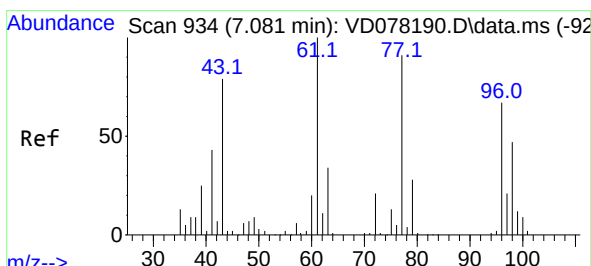
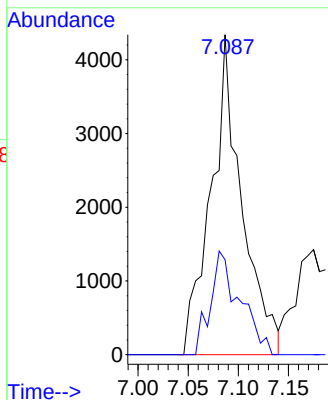
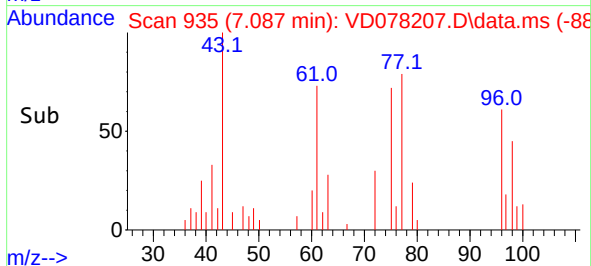
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



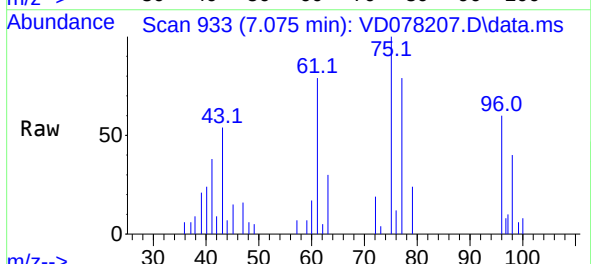
Tgt Ion: 43 Resp: 929
Ion Ratio Lower Upper
43 100
72 29.7 30.7 46.1

Manual Integrations
APPROVED

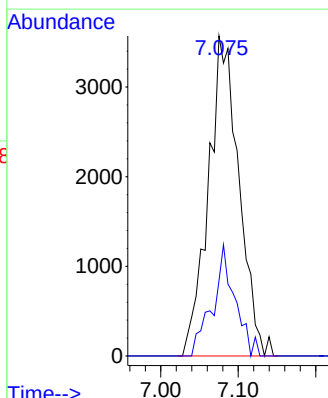
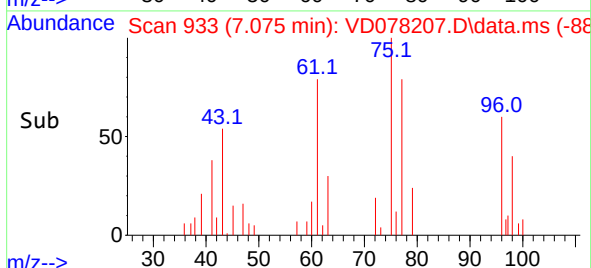
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

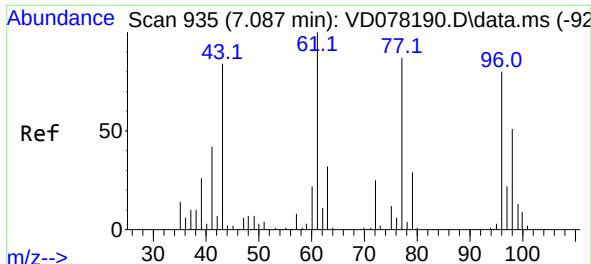


#26
2,2-Dichloropropane
Concen: 4.030 ug/l
RT: 7.075 min Scan# 933
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



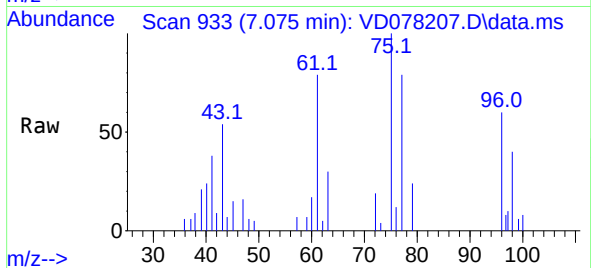
Tgt Ion: 77 Resp: 9811
Ion Ratio Lower Upper
77 100
97 25.4 13.2 39.6





#27
cis-1,2-Dichloroethene
Concen: 4.036 ug/l
RT: 7.075 min Scan# 91
Delta R.T. -0.012 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

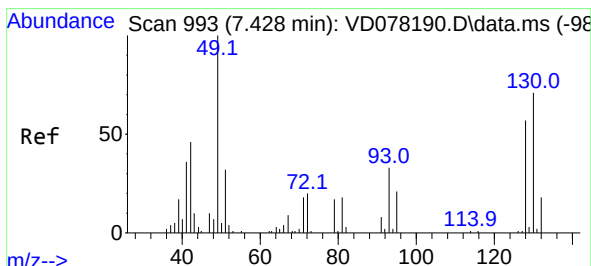
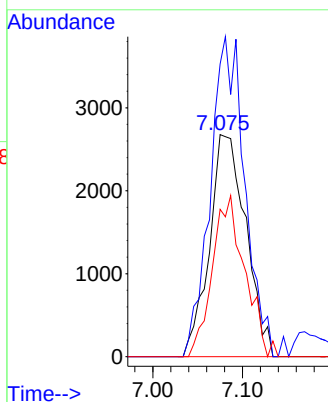
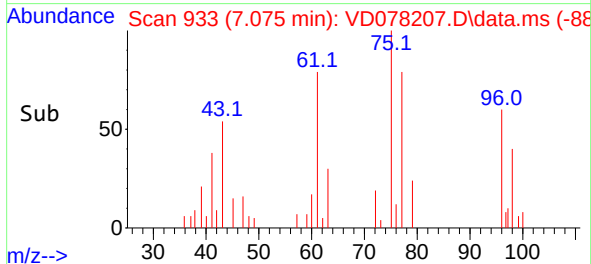
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 96 Resp: 7548
Ion Ratio Lower Upper
96 100
61 136.4 0.0 239.2
98 64.3 0.0 128.6

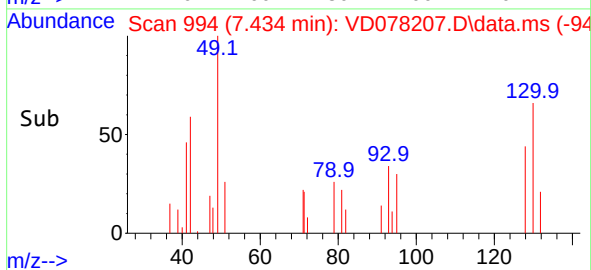
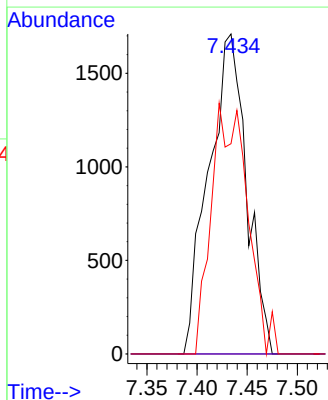
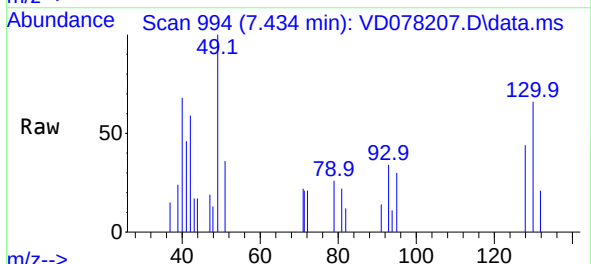
Manual Integrations
APPROVED

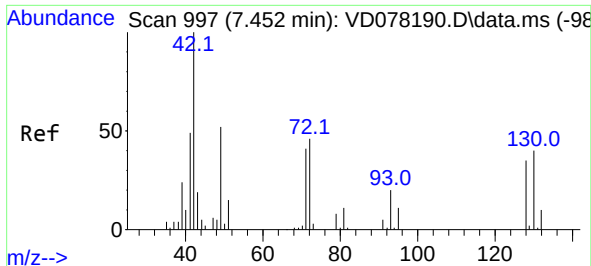
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#28
Bromochloromethane
Concen: 3.968 ug/l
RT: 7.434 min Scan# 994
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

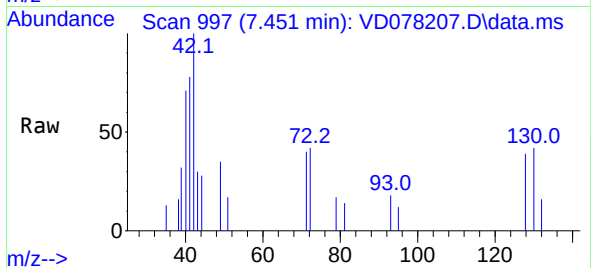
Tgt Ion: 49 Resp: 4497
Ion Ratio Lower Upper
49 100
129 0.0 0.0 6.0
130 74.3 83.2 124.8#





#29
Tetrahydrofuran
Concen: 20.654 ug/l
RT: 7.451 min Scan# 997
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

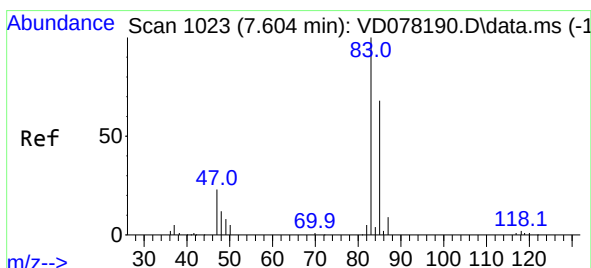
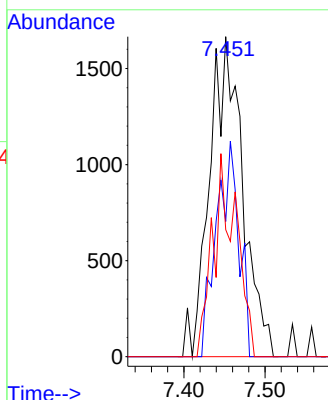
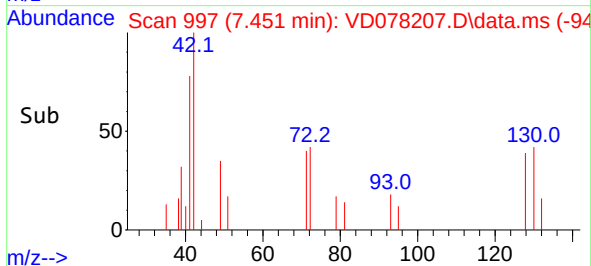
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



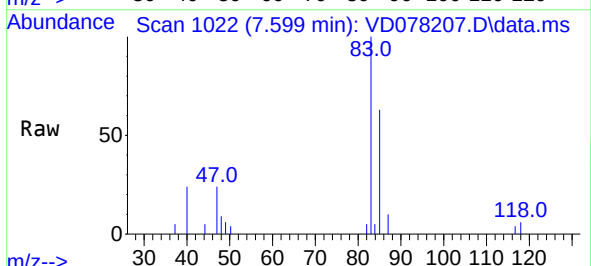
Tgt Ion: 42 Resp: 4730
Ion Ratio Lower Upper
42 100
72 45.5 46.5 69.7
71 29.6 44.5 66.7

Manual Integrations
APPROVED

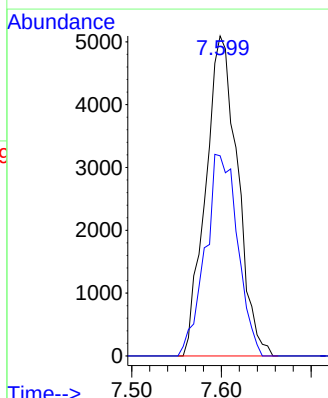
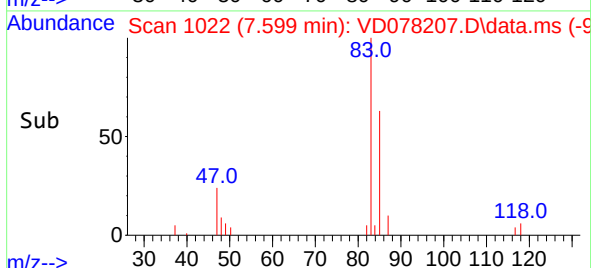
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

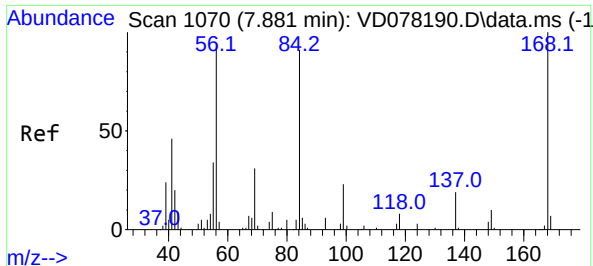


#30
Chloroform
Concen: 4.260 ug/l
RT: 7.599 min Scan# 1022
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



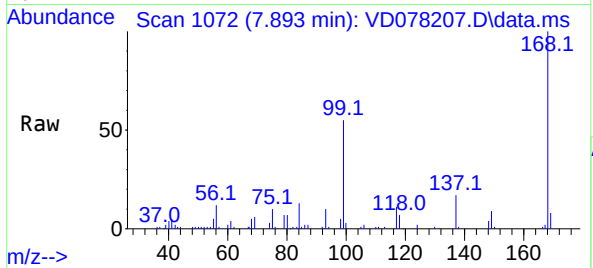
Tgt Ion: 83 Resp: 12589
Ion Ratio Lower Upper
83 100
85 62.6 53.4 80.2





#31
Cyclohexane
Concen: 4.800 ug/l
RT: 7.893 min Scan# 1070
Delta R.T. 0.012 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

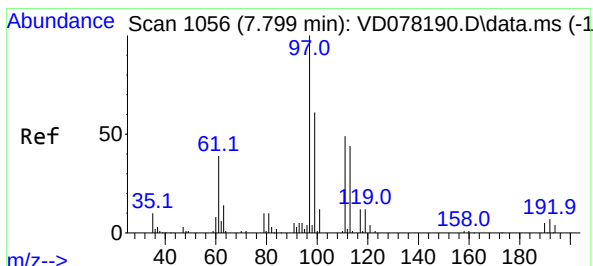
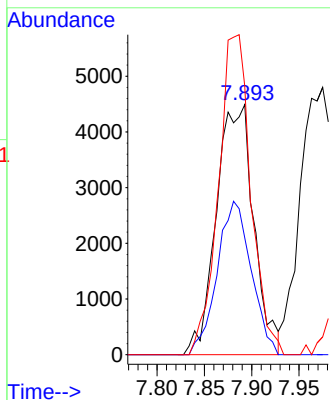
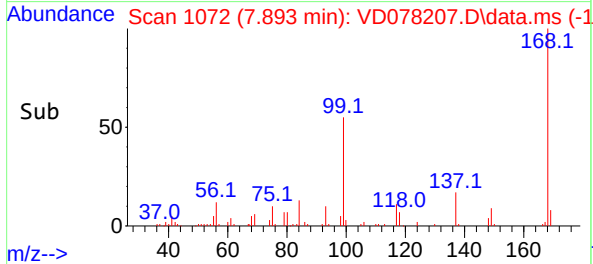
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



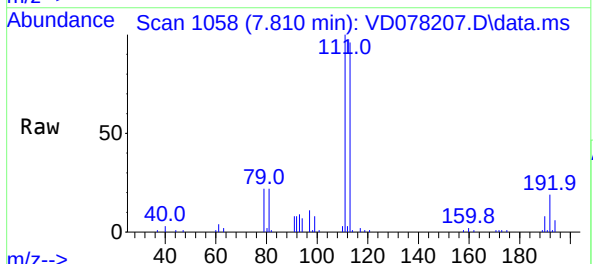
Tgt Ion: 56 Resp: 12335
Ion Ratio Lower Upper
56 100
69 46.7 28.6 43.0
84 107.4 84.8 127.2

Manual Integrations
APPROVED

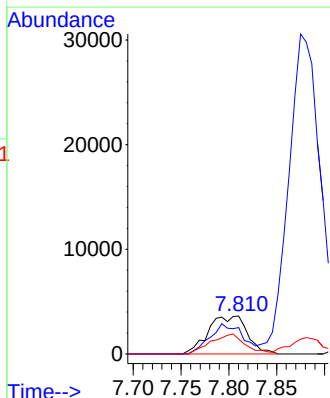
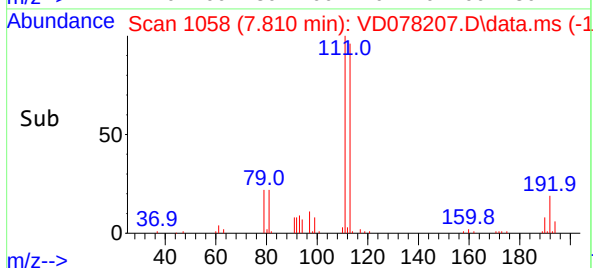
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

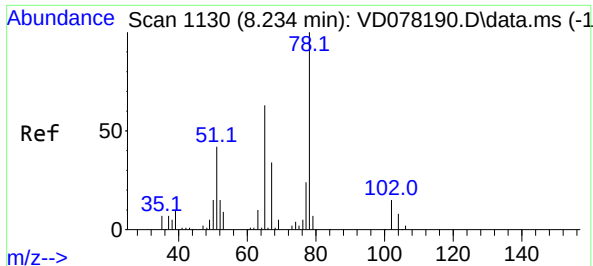


#32
1,1,1-Trichloroethane
Concen: 4.056 ug/l m
RT: 7.810 min Scan# 1058
Delta R.T. 0.012 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion: 97 Resp: 10355
Ion Ratio Lower Upper
97 100
99 66.2 52.0 78.0
61 46.0 33.8 50.8





#33

1,2-Dichloroethane-d4

Concen: 54.722 ug/l

RT: 8.234 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

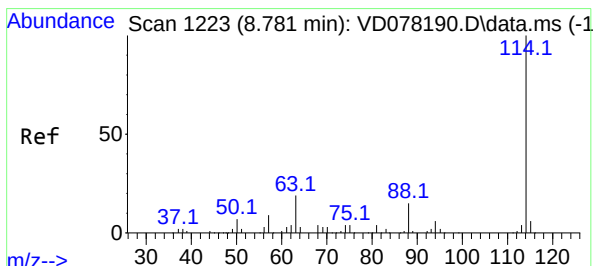
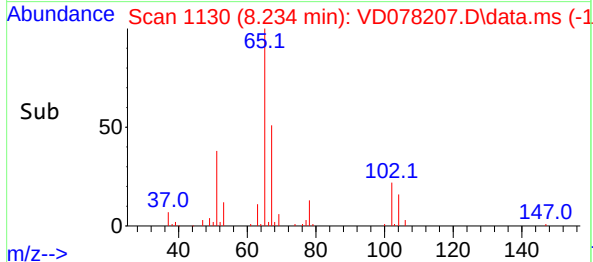
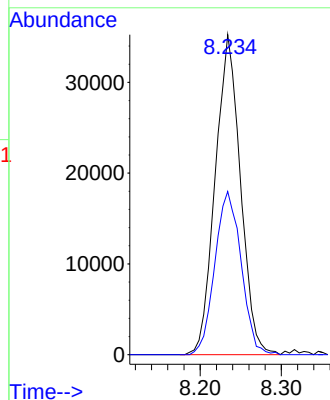
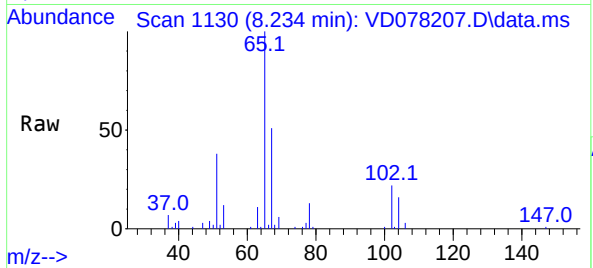
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 65 Resp: 7605
 Ion Ratio Lower Upper
 65 100
 67 53.2 0.0 115.0

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
 Supervised By :Semsettin Yesilyurt 01/25/2024



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

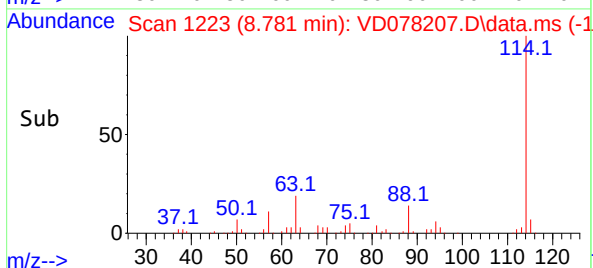
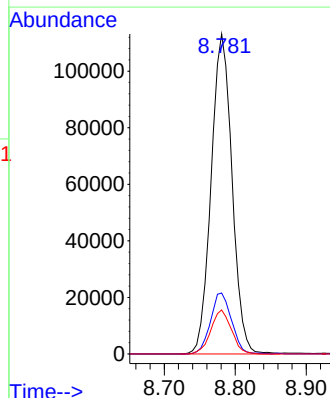
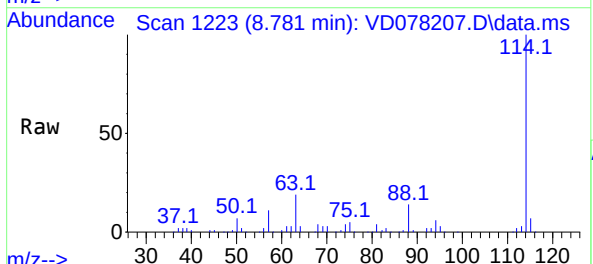
RT: 8.781 min Scan# 1223

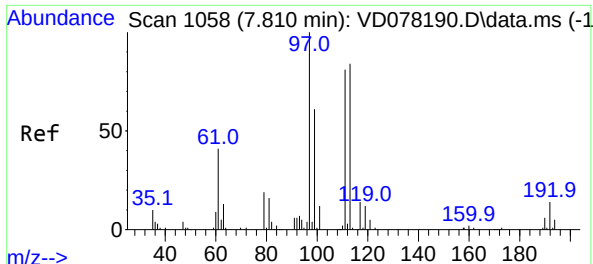
Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

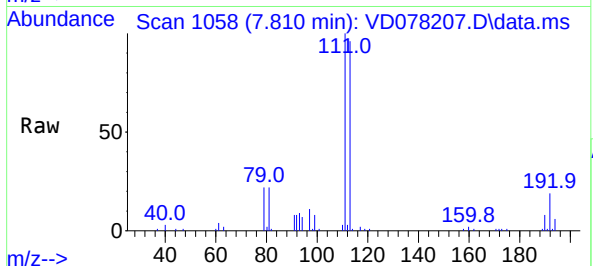
Tgt Ion:114 Resp: 230964
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 33.4
 88 13.7 0.0 26.2





#35
Dibromofluoromethane
Concen: 50.715 ug/l
RT: 7.810 min Scan# 1058
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

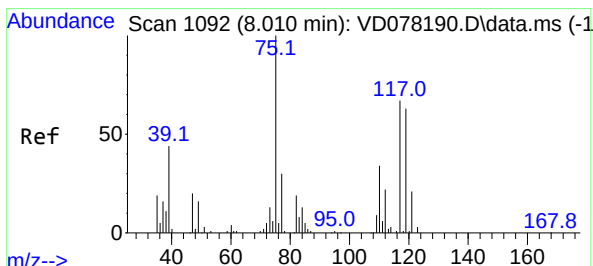
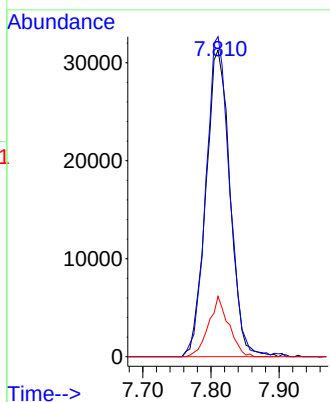
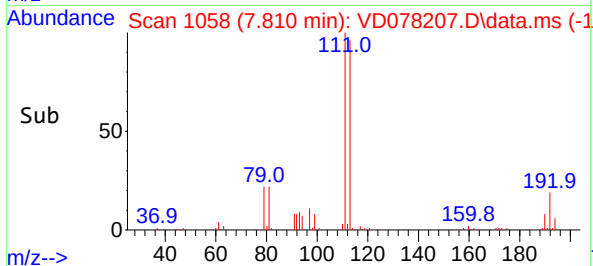
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 113 Resp: 77090
Ion Ratio Lower Upper
113 100
111 101.8 84.7 127.1
192 16.4 16.8 25.2

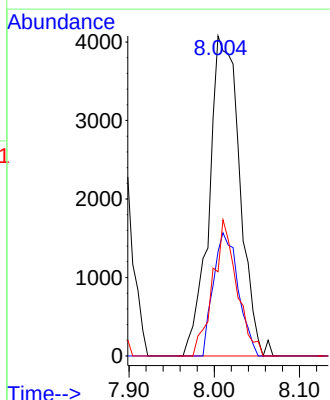
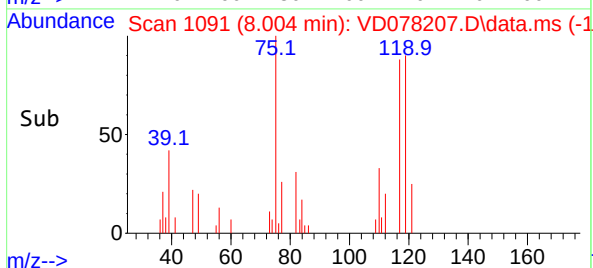
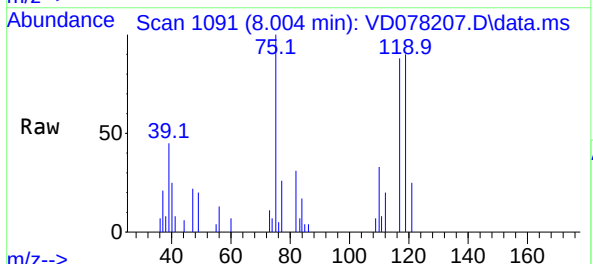
Manual Integrations
APPROVED

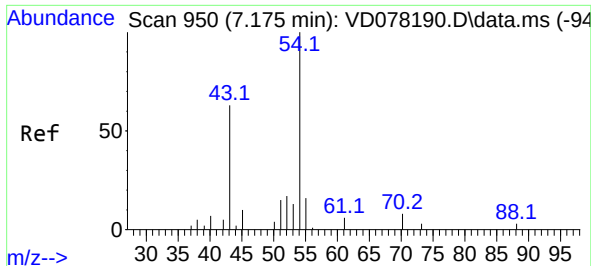
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#36
1,1-Dichloropropene
Concen: 4.076 ug/l
RT: 8.004 min Scan# 1091
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

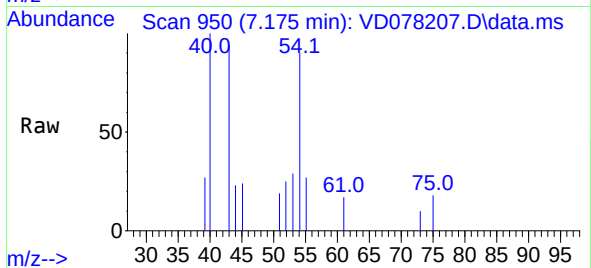
Tgt Ion: 75 Resp: 10189
Ion Ratio Lower Upper
75 100
110 31.3 19.9 59.6
77 33.3 24.7 37.1





#37
Ethyl Acetate
Concen: 4.297 ug/l
RT: 7.175 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

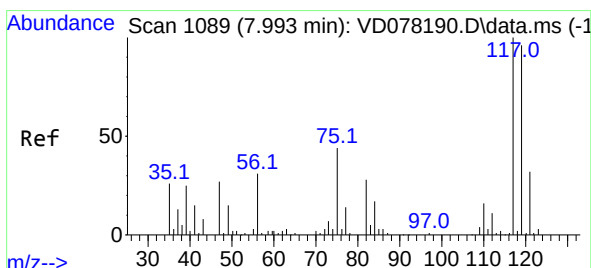
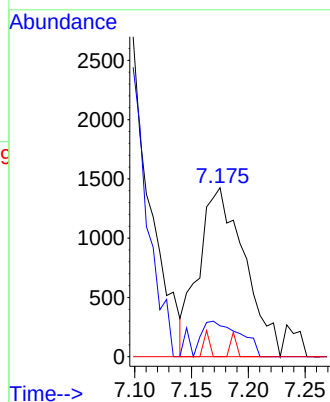
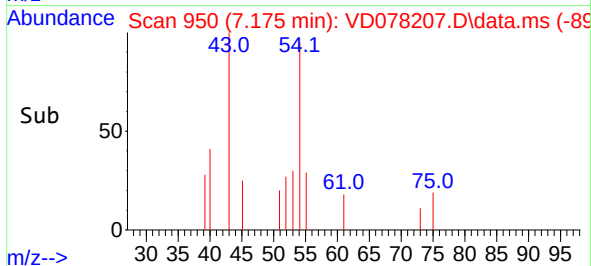
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



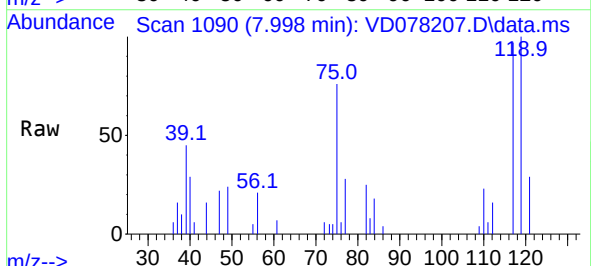
Tgt Ion: 43 Resp: 3998
Ion Ratio Lower Upper
43 100
61 17.6 14.9 22.3
70 2.0 10.0 15.0

Manual Integrations
APPROVED

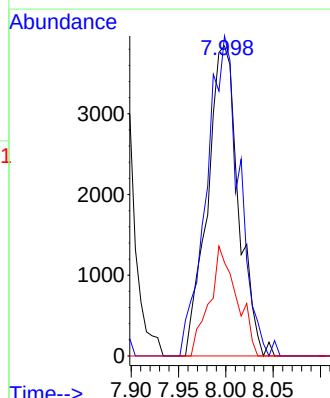
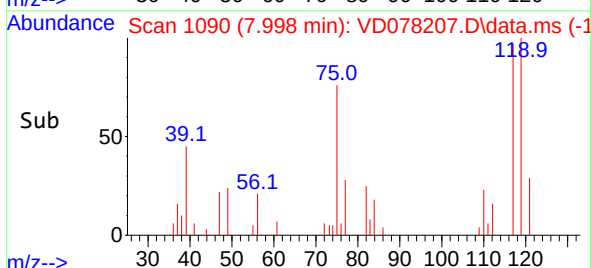
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

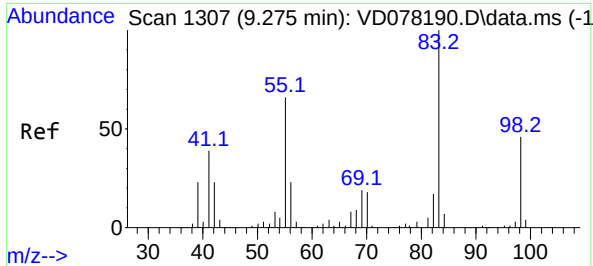


#38
Carbon Tetrachloride
Concen: 3.560 ug/l
RT: 7.998 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion:117 Resp: 8788
Ion Ratio Lower Upper
117 100
119 103.2 78.0 117.0
121 30.1 24.2 36.2





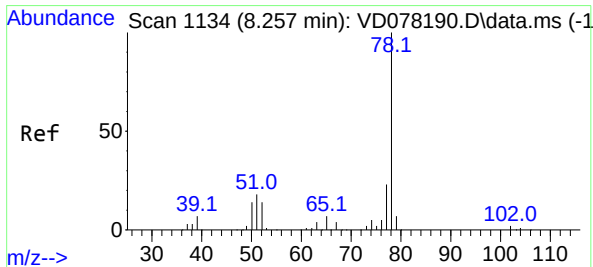
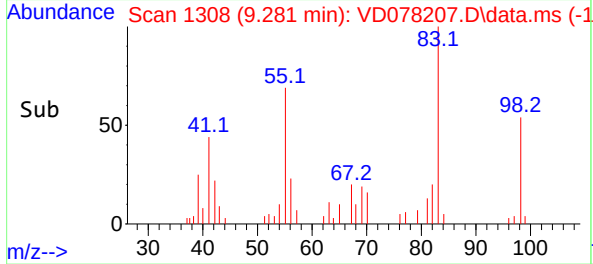
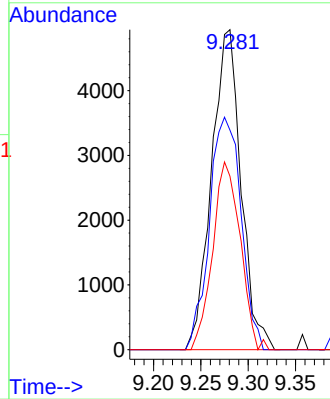
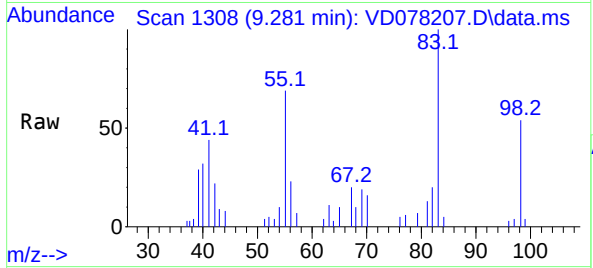
#39
Methylcyclohexane
Concen: 3.620 ug/l
RT: 9.281 min Scan# 1138
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 83 Resp: 10700
Ion Ratio Lower Upper
83 100
55 68.6 49.4 74.0
98 54.2 38.4 57.6

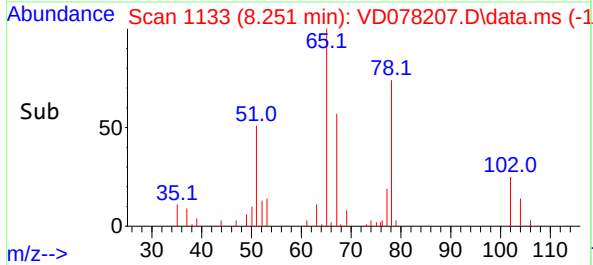
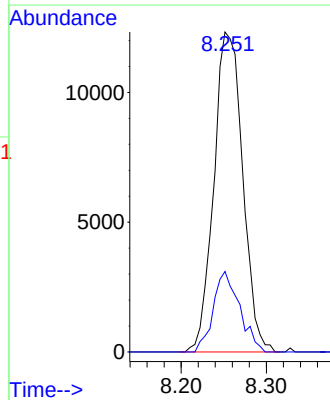
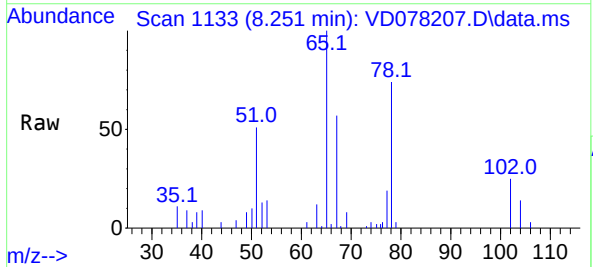
Manual Integrations
APPROVED

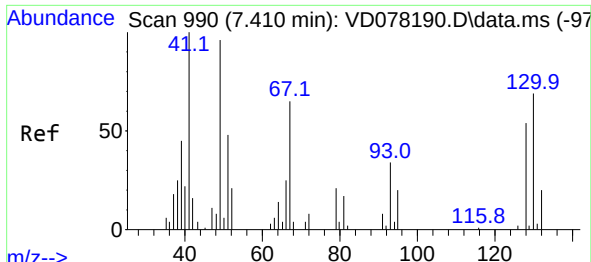
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#40
Benzene
Concen: 4.084 ug/l
RT: 8.251 min Scan# 1133
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

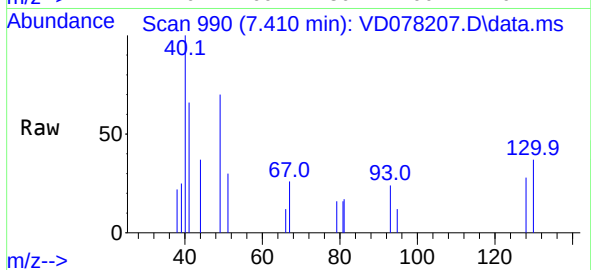
Tgt Ion: 78 Resp: 28969
Ion Ratio Lower Upper
78 100
77 25.2 19.4 29.0





#41
Methacrylonitrile
Concen: 4.174 ug/l m
RT: 7.410 min Scan# 990
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

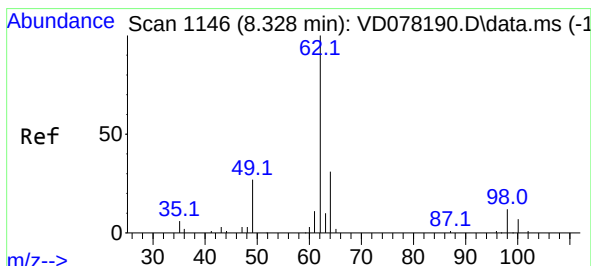
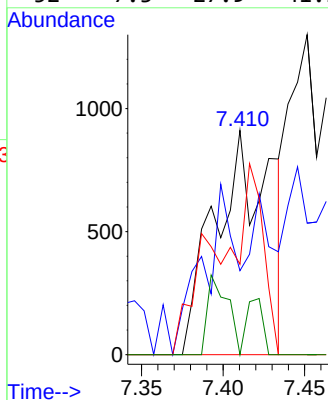
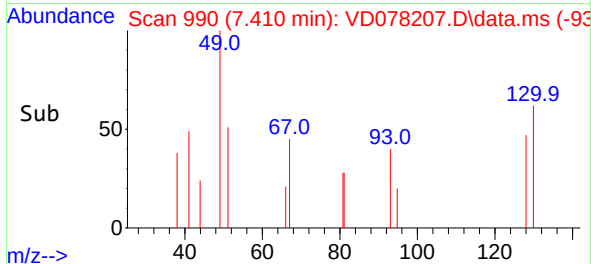
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 41 Resp: 213
Ion Ratio Lower Upper
41 100
39 31.7 34.0 51.0
67 41.2 77.0 115.4
52 7.3 27.9 41.9

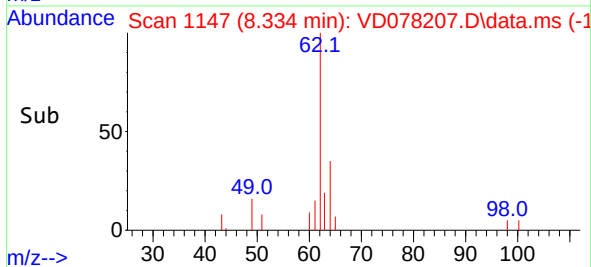
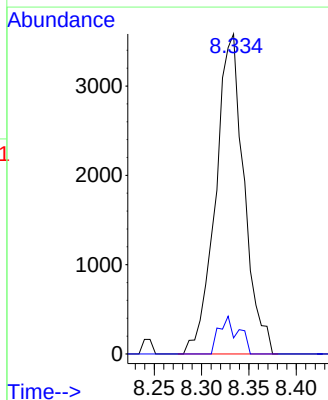
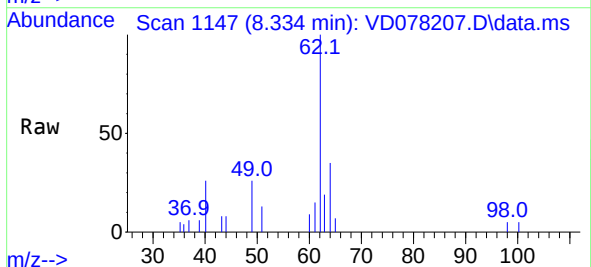
Manual Integrations
APPROVED

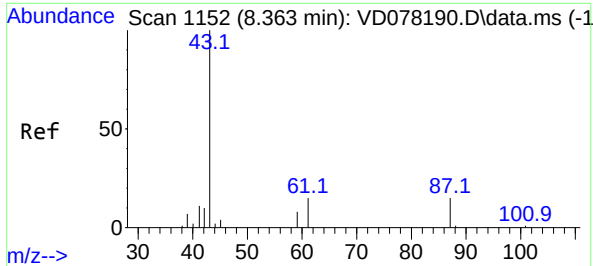
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#42
1,2-Dichloroethane
Concen: 4.051 ug/l
RT: 8.334 min Scan# 1147
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion: 62 Resp: 7476
Ion Ratio Lower Upper
62 100
98 8.1 0.0 25.4





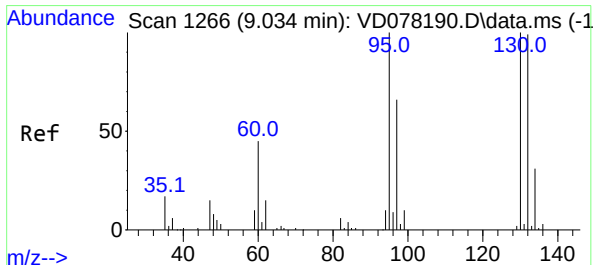
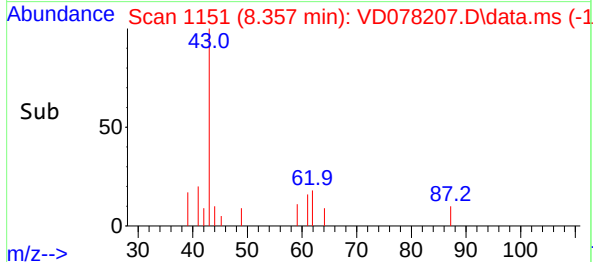
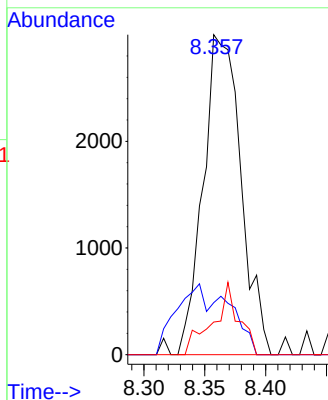
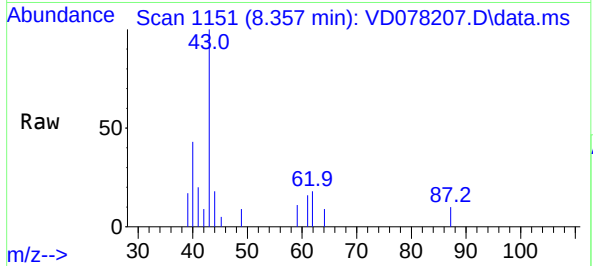
#43
Isopropyl Acetate
Concen: 3.799 ug/l
RT: 8.357 min Scan# 1151
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 43 Resp: 647
Ion Ratio Lower Upper
43 100
61 0.0 31.4 47.0
87 15.4 14.9 22.3

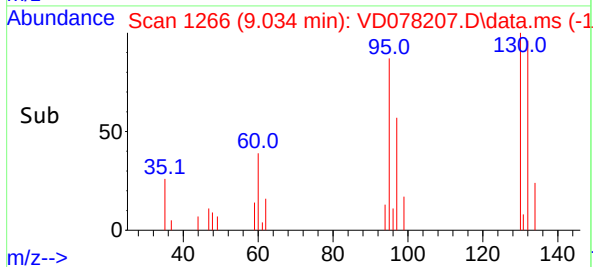
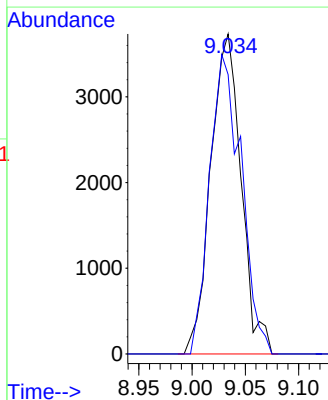
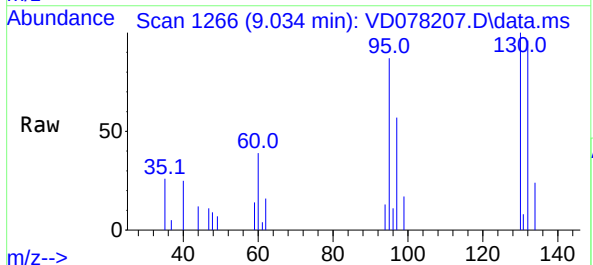
Manual Integrations
APPROVED

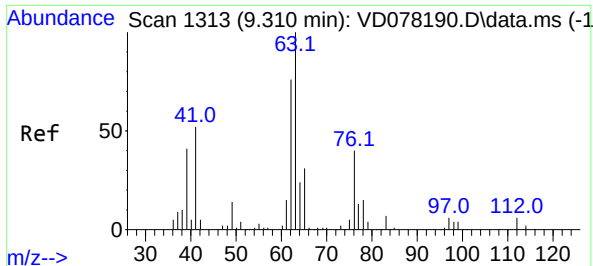
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#44
Trichloroethene
Concen: 4.084 ug/l
RT: 9.034 min Scan# 1266
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

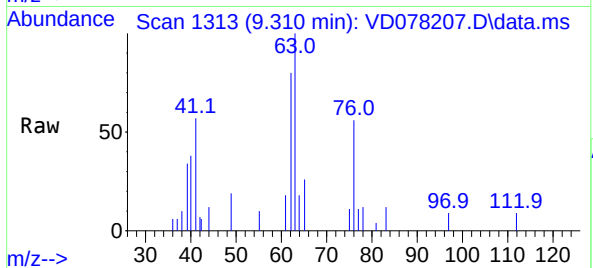
Tgt Ion:130 Resp: 7411
Ion Ratio Lower Upper
130 100
95 87.3 0.0 179.2





#45
1,2-Dichloropropane
Concen: 3.838 ug/l
RT: 9.310 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

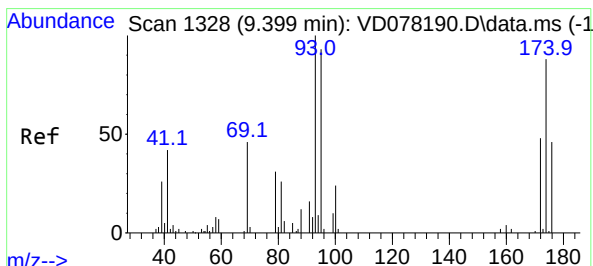
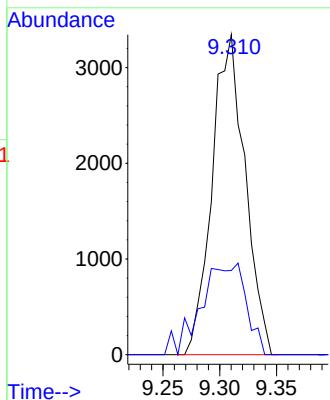
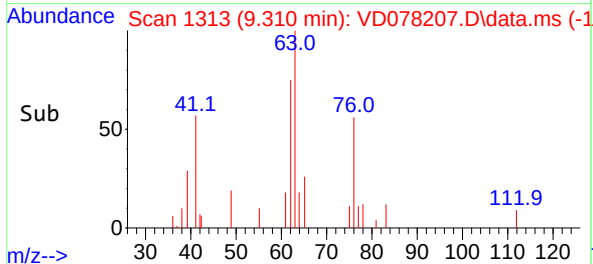
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



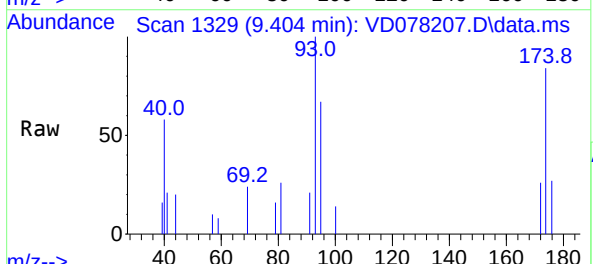
Tgt Ion: 63 Resp: 6750
Ion Ratio Lower Upper
63 100
65 26.3 24.5 36.7

Manual Integrations
APPROVED

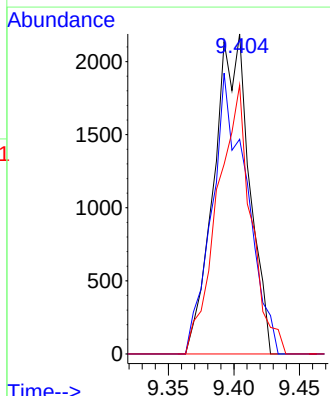
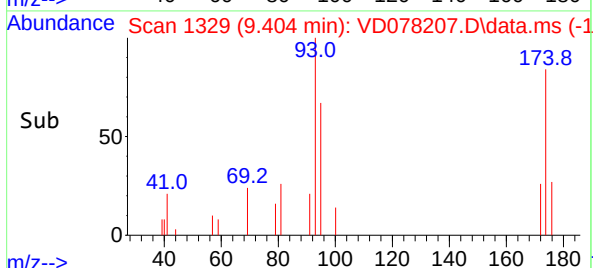
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

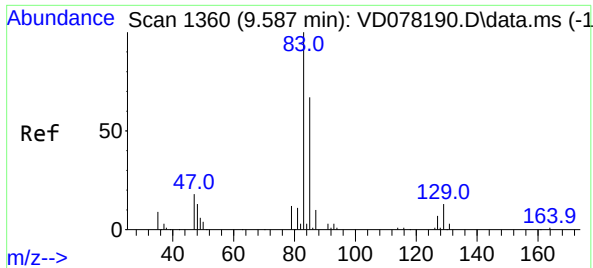


#46
Dibromomethane
Concen: 4.234 ug/l
RT: 9.404 min Scan# 1329
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion: 93 Resp: 4093
Ion Ratio Lower Upper
93 100
95 86.8 67.7 101.5
174 80.7 85.4 128.2#





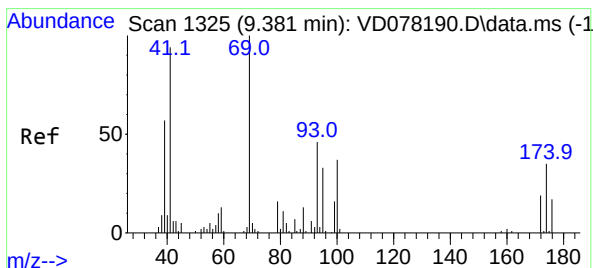
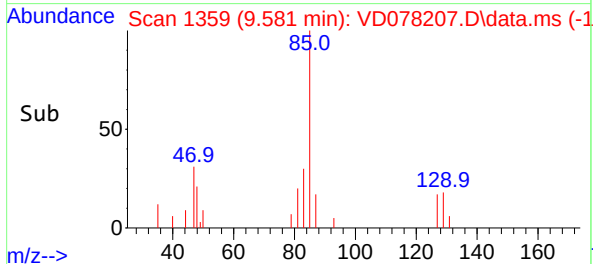
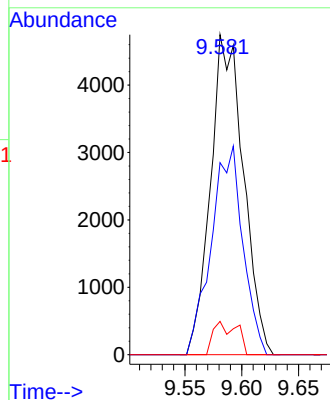
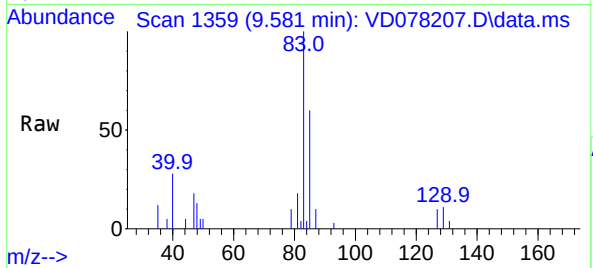
#47
Bromodichloromethane
Concen: 3.938 ug/l
RT: 9.581 min Scan# 1359
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 83 Resp: 956
Ion Ratio Lower Upper
83 100
85 60.0 50.2 75.4
127 10.4 6.3 9.5

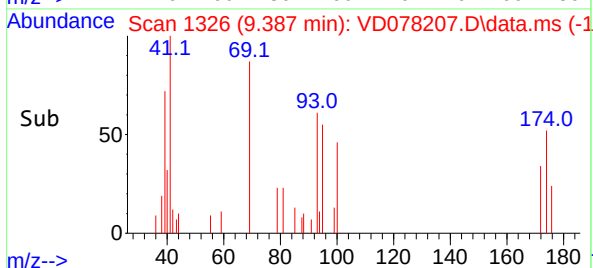
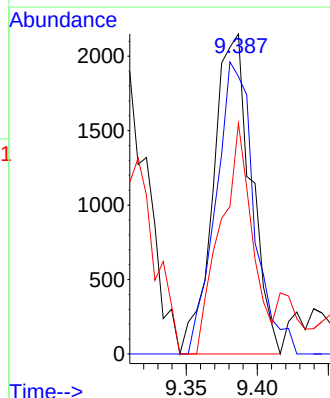
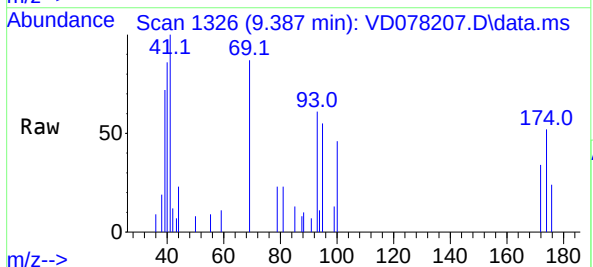
Manual Integrations
APPROVED

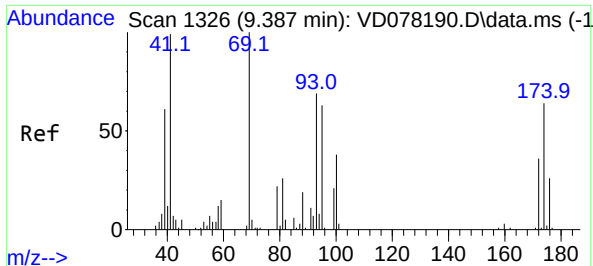
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#48
Methyl methacrylate
Concen: 4.029 ug/l
RT: 9.387 min Scan# 1326
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

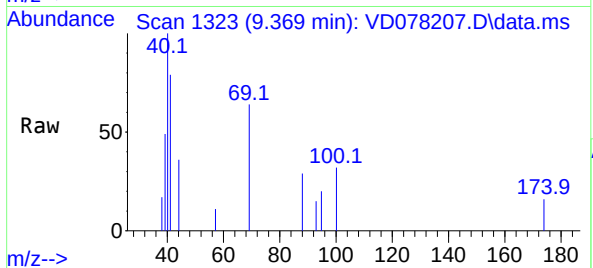
Tgt Ion: 41 Resp: 3977
Ion Ratio Lower Upper
41 100
69 92.6 102.2 153.2#
39 60.5 41.4 62.2





#49
1,4-Dioxane
Concen: 69.921 ug/l
RT: 9.369 min Scan# 1326
Delta R.T. -0.018 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

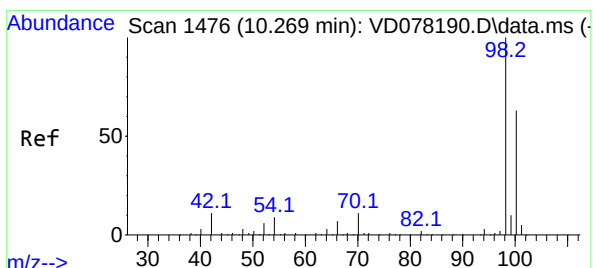
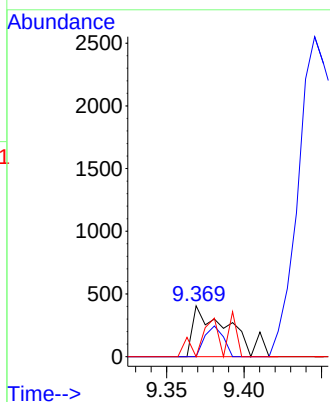
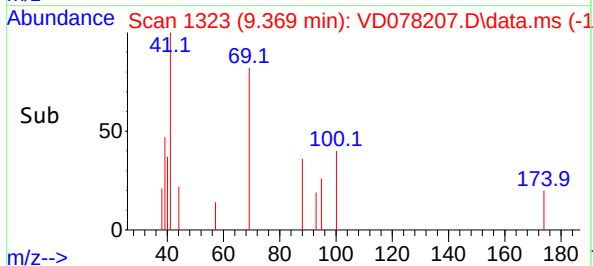
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 88 Resp: 654
Ion Ratio Lower Upper
88 100
43 31.0 19.0 28.6
58 37.5 43.5 65.3

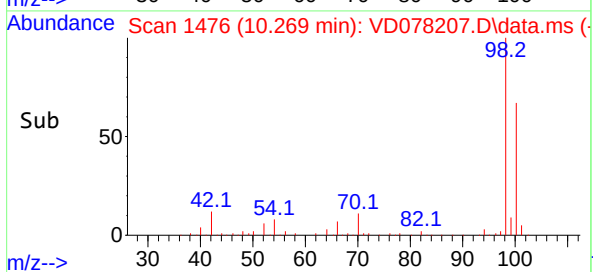
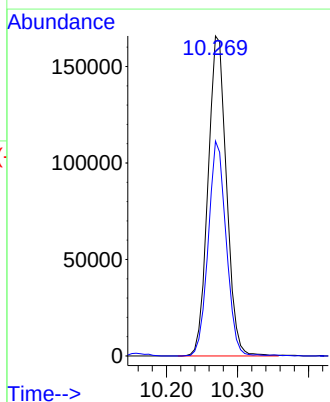
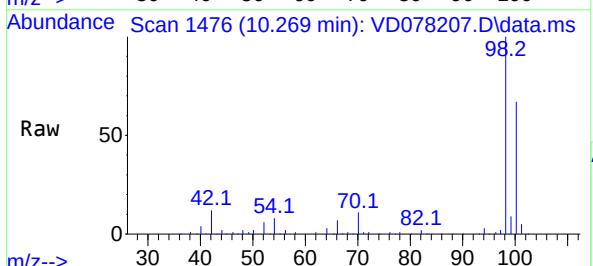
Manual Integrations
APPROVED

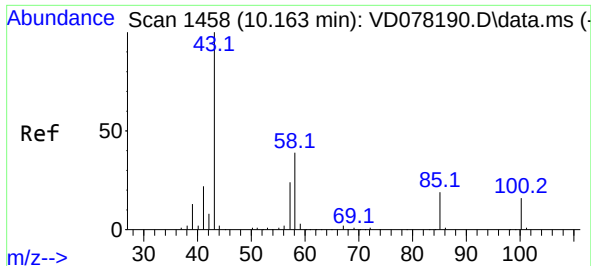
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#50
Toluene-d8
Concen: 49.739 ug/l
RT: 10.269 min Scan# 1476
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion: 98 Resp: 299371
Ion Ratio Lower Upper
98 100
100 65.0 50.3 75.5





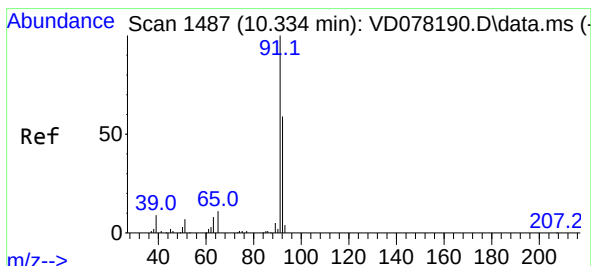
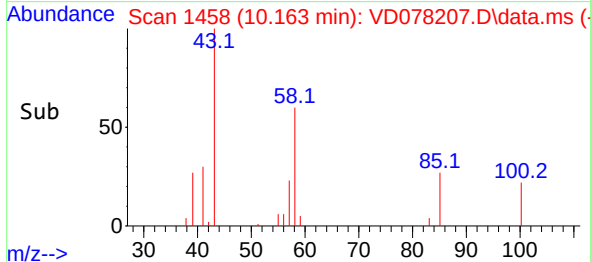
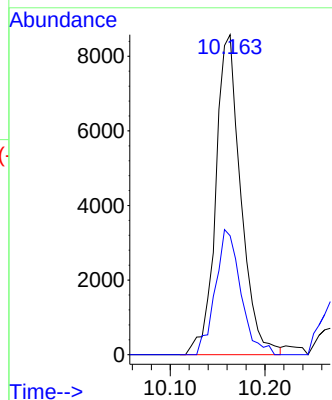
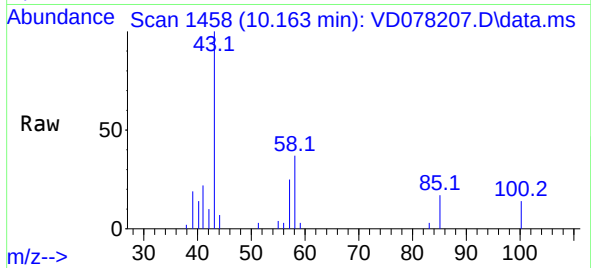
#51
4-Methyl-2-Pentanone
Concen: 17.637 ug/l
RT: 10.163 min Scan# 1458
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 43 Resp: 1580
Ion Ratio Lower Upper
43 100
58 39.5 38.9 58.3

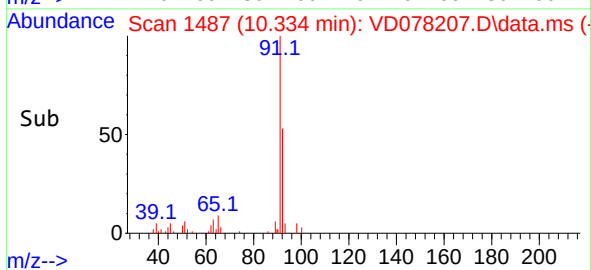
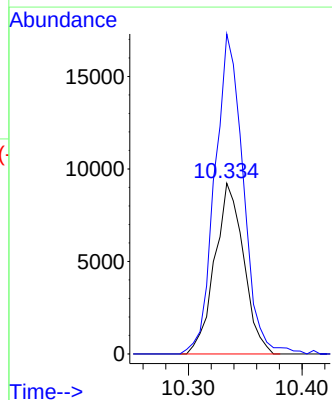
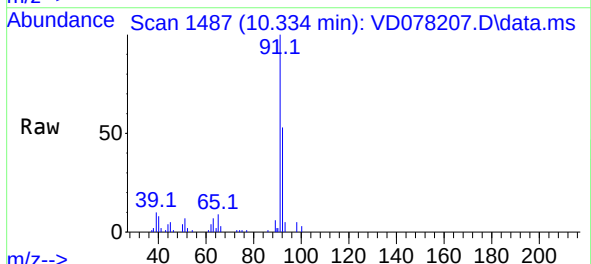
Manual Integrations
APPROVED

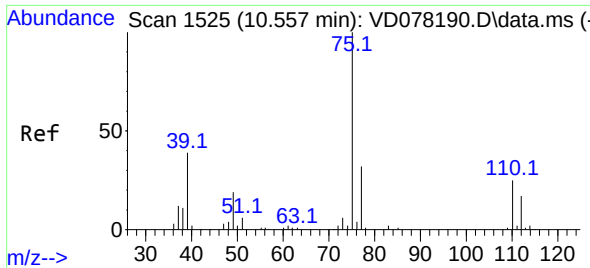
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#52
Toluene
Concen: 3.619 ug/l
RT: 10.334 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

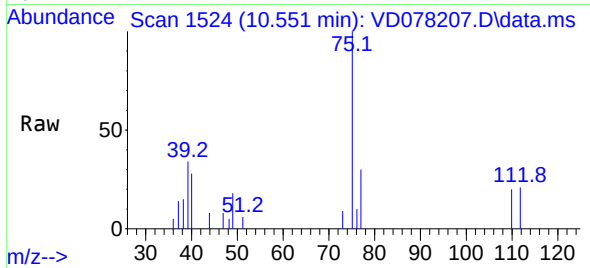
Tgt Ion: 92 Resp: 16274
Ion Ratio Lower Upper
92 100
91 185.1 143.0 214.4





#53
t-1,3-Dichloropropene
Concen: 3.832 ug/l
RT: 10.551 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

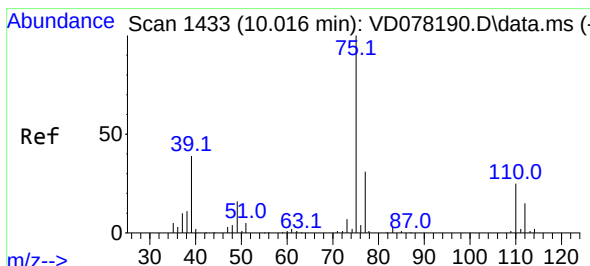
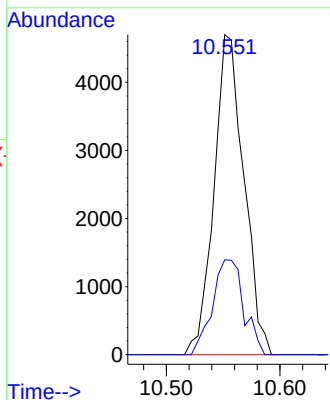
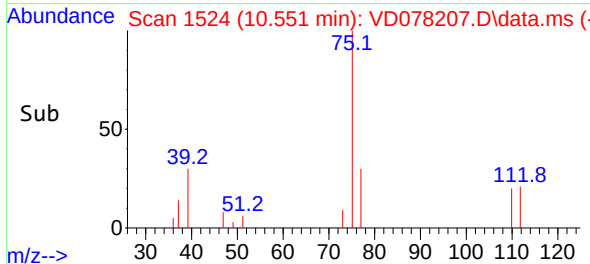
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 75 Resp: 8584
Ion Ratio Lower Upper
75 100
77 29.6 25.3 37.9

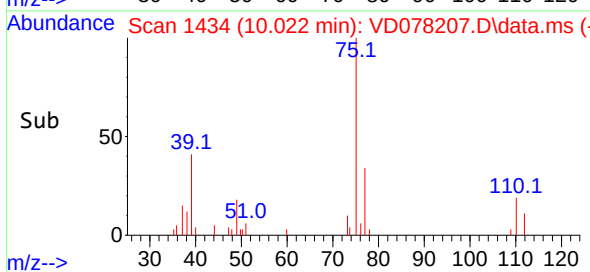
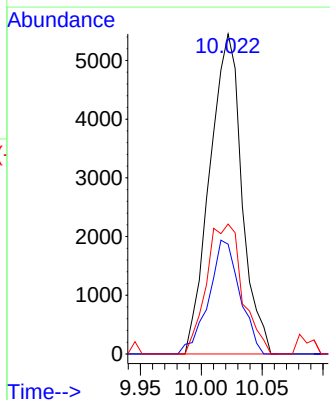
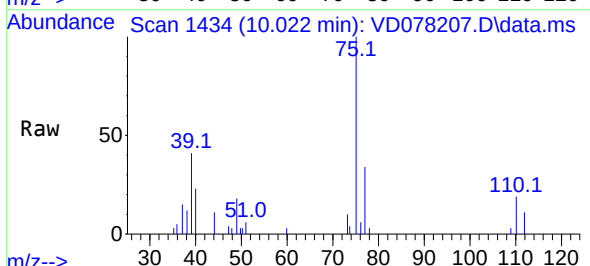
Manual Integrations
APPROVED

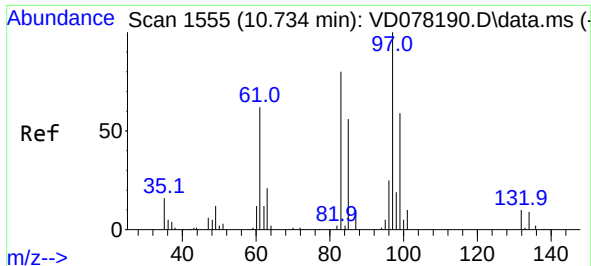
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#54
cis-1,3-Dichloropropene
Concen: 3.729 ug/l
RT: 10.022 min Scan# 1434
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

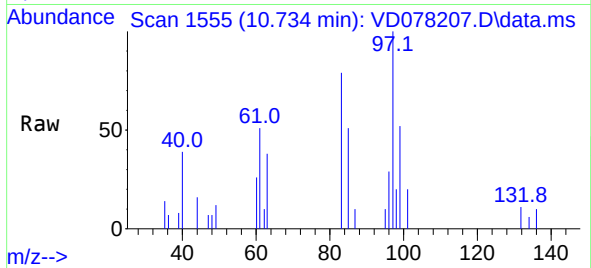
Tgt Ion: 75 Resp: 10014
Ion Ratio Lower Upper
75 100
77 34.3 25.5 38.3
39 40.6 22.1 33.1#





#55
1,1,2-Trichloroethane
Concen: 3.842 ug/l
RT: 10.734 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

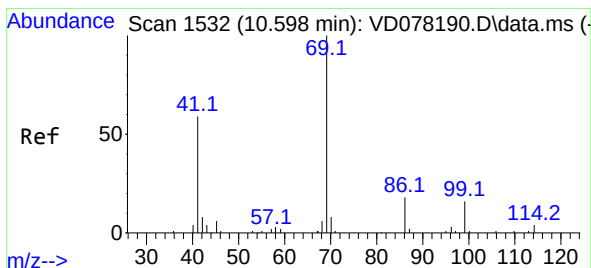
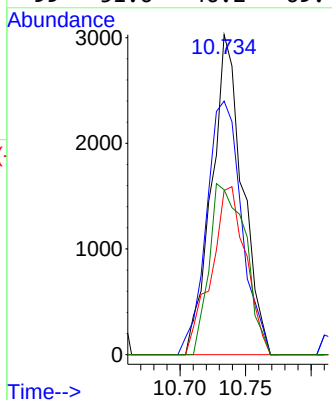
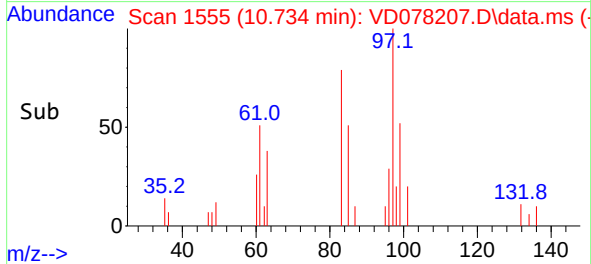
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:	97	Resp:	4969
Ion	Ratio	Lower	Upper
97	100		
83	79.2	65.8	98.6
85	51.3	45.7	68.5
99	51.6	46.2	69.4

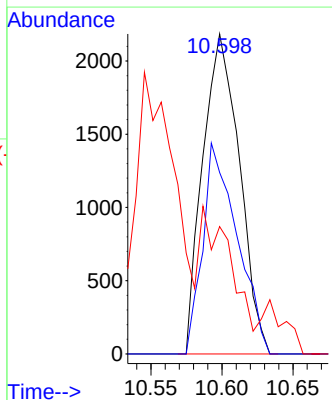
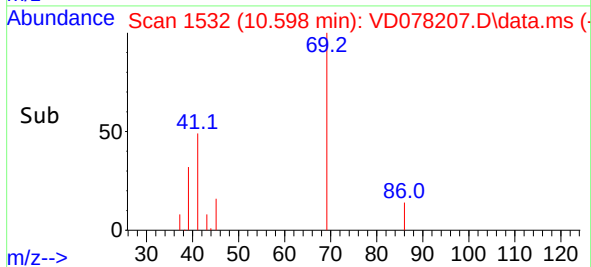
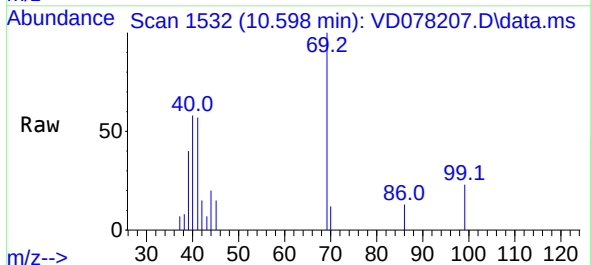
Manual Integrations
APPROVED

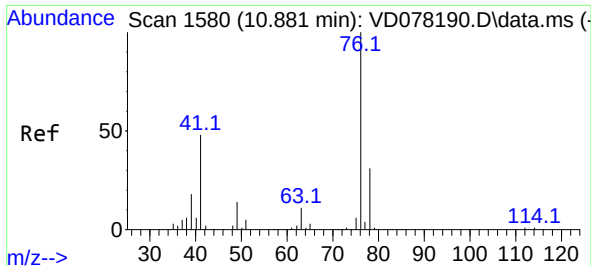
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#56
Ethyl methacrylate
Concen: 3.704 ug/l
RT: 10.598 min Scan# 1532
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion:	69	Resp:	3922
Ion	Ratio	Lower	Upper
69	100		
41	61.9	39.1	58.7#
39	30.1	20.0	30.0#





#57

1,3-Dichloropropane

Concen: 3.865 ug/l

RT: 10.881 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 76 Resp: 8549

Ion Ratio Lower Upper

76 100

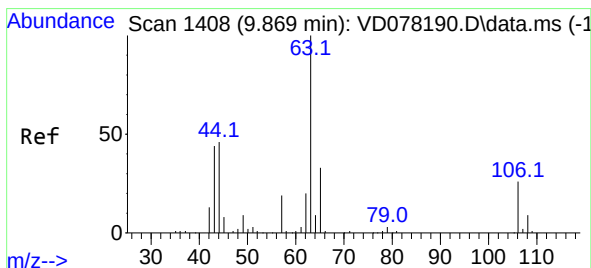
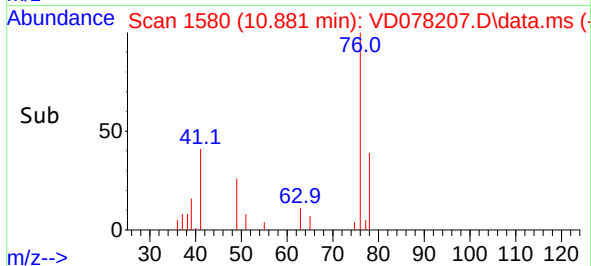
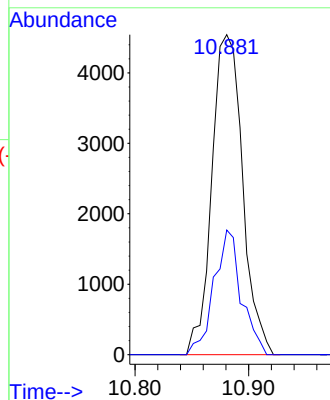
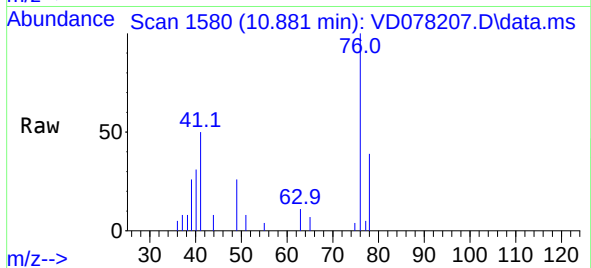
78 34.6 26.4 39.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024

Supervised By :Semsettin Yesilyurt 01/25/2024



#58

2-Chloroethyl Vinyl ether

Concen: 18.486 ug/l

RT: 9.875 min Scan# 1409

Delta R.T. 0.006 min

Lab File: VD078207.D

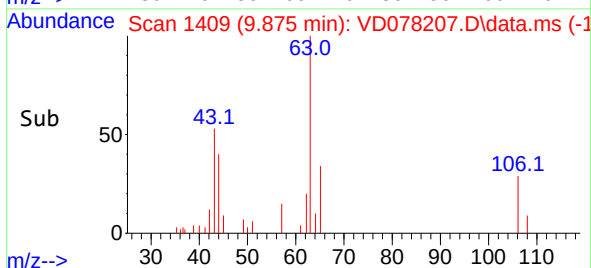
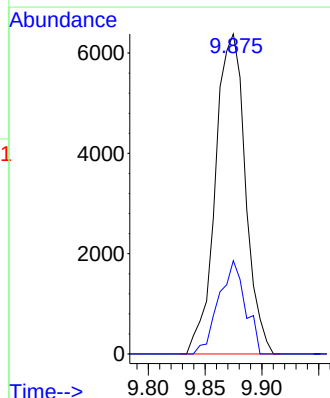
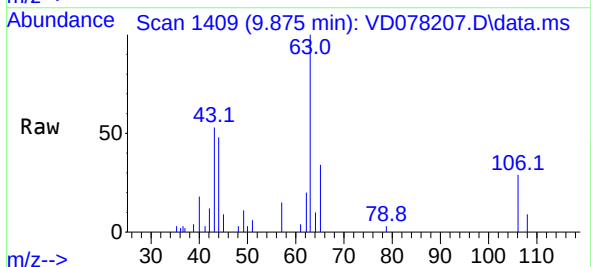
Acq: 23 Jan 2024 14:48

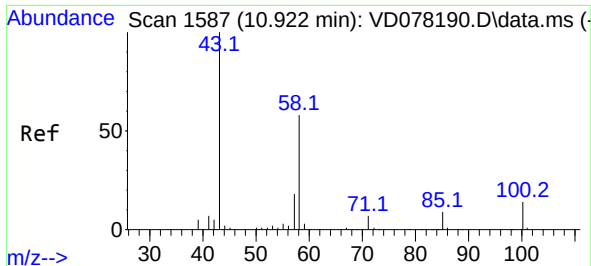
Tgt Ion: 63 Resp: 11730

Ion Ratio Lower Upper

63 100

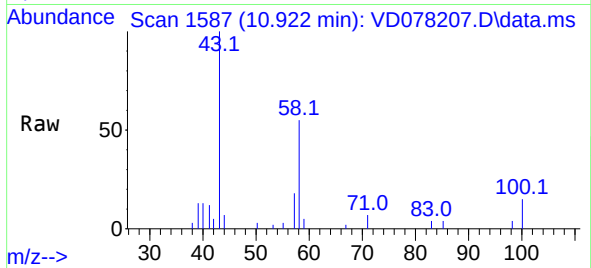
106 25.8 25.3 37.9





#59
2-Hexanone
Concen: 16.974 ug/l
RT: 10.922 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

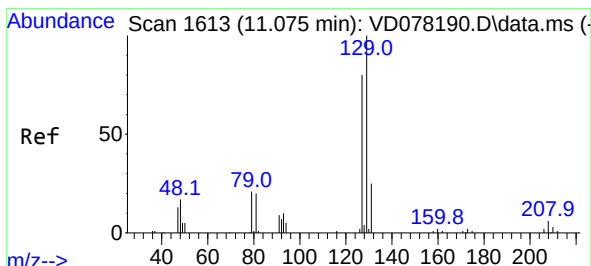
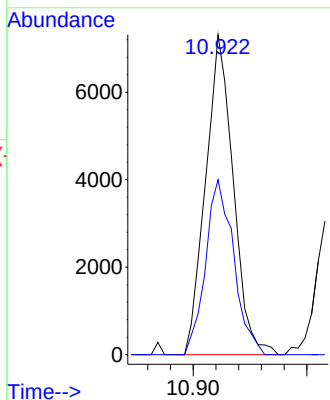
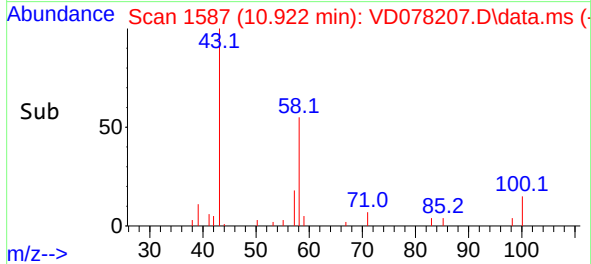
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



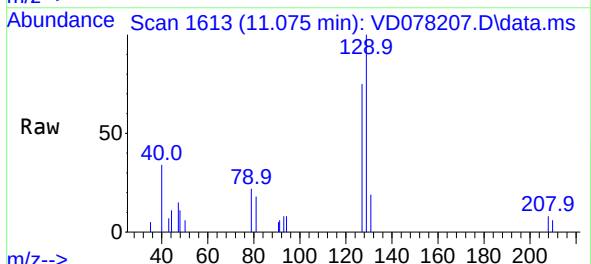
Tgt Ion: 43 Resp: 1235
Ion Ratio Lower Upper
43 100
58 55.7 34.1 102.2

Manual Integrations
APPROVED

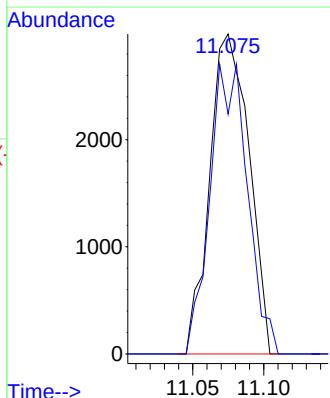
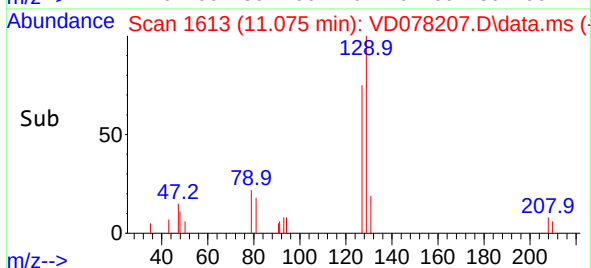
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

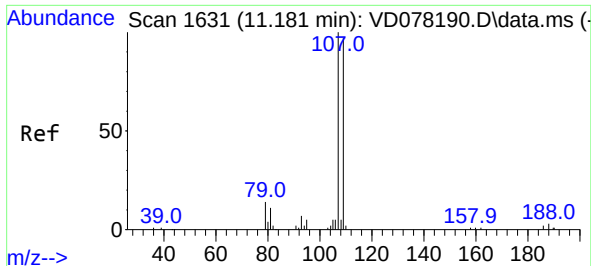


#60
Dibromochloromethane
Concen: 3.772 ug/l
RT: 11.075 min Scan# 1613
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



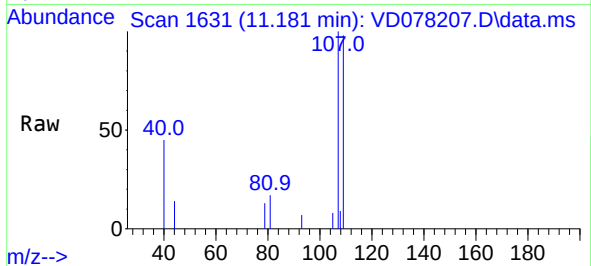
Tgt Ion:129 Resp: 5753
Ion Ratio Lower Upper
129 100
127 86.1 37.1 111.5





#61
1,2-Dibromoethane
Concen: 3.895 ug/l
RT: 11.181 min Scan# 1631
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

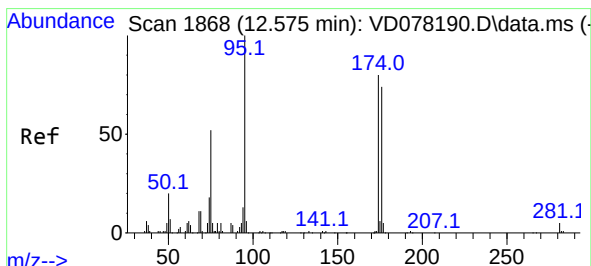
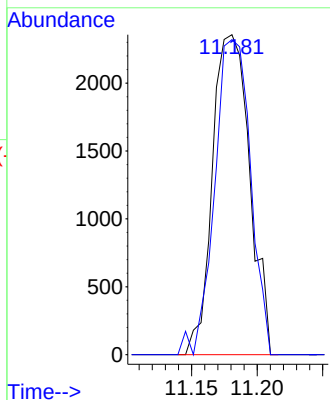
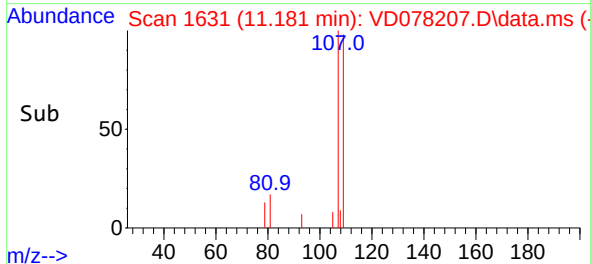
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



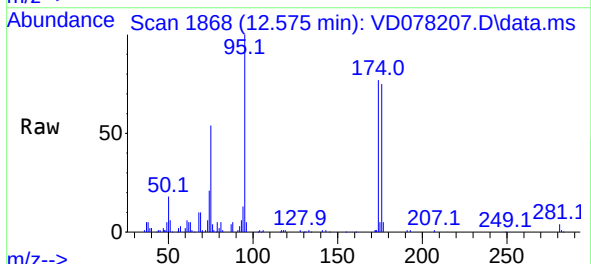
Tgt Ion:107 Resp: 464
Ion Ratio Lower Upper
107 100
109 95.0 75.6 113.4

Manual Integrations
APPROVED

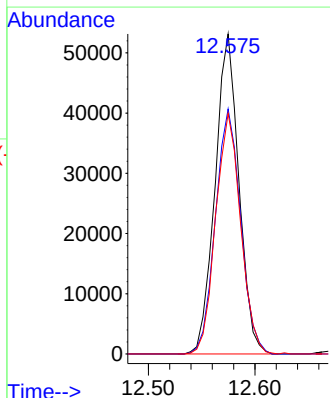
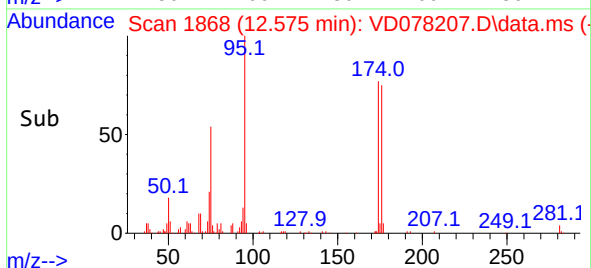
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

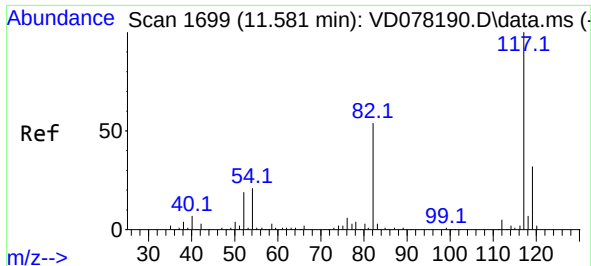


#62
4-Bromofluorobenzene
Concen: 47.153 ug/l
RT: 12.575 min Scan# 1868
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



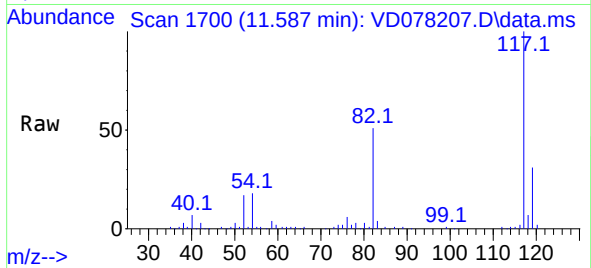
Tgt Ion: 95 Resp: 82305
Ion Ratio Lower Upper
95 100
174 81.2 0.0 201.8
176 78.7 0.0 191.8





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.587 min Scan# 117
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

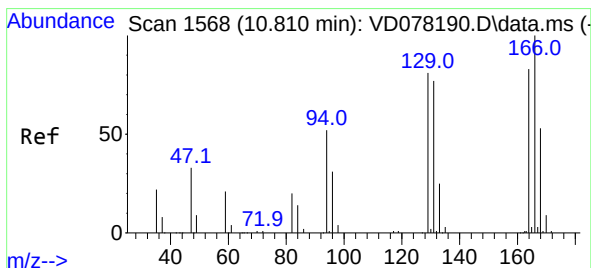
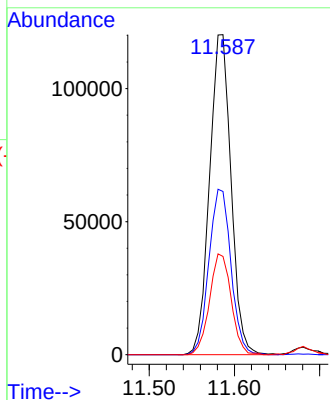
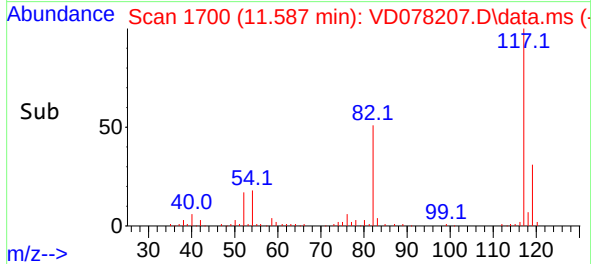
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:117 Resp: 21045
Ion Ratio Lower Upper
117 100
82 51.0 38.3 57.5
119 30.7 25.0 37.4

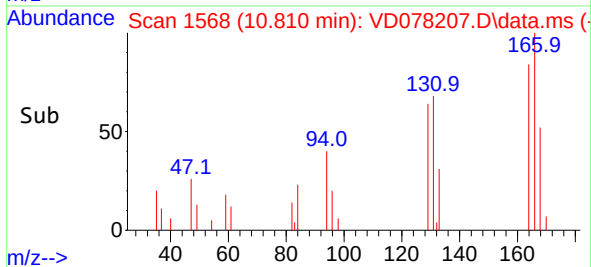
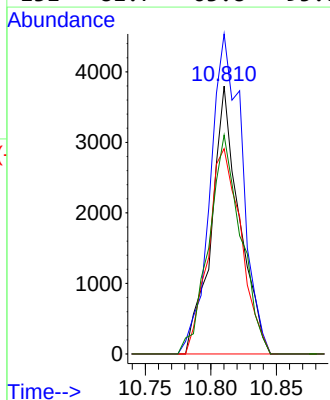
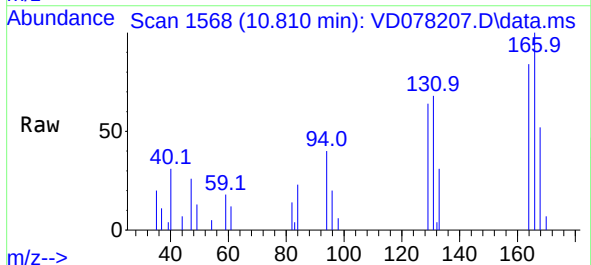
Manual Integrations
APPROVED

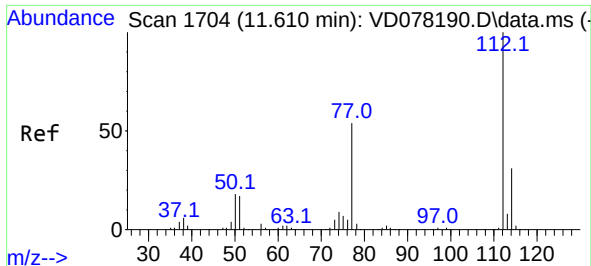
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#64
Tetrachloroethene
Concen: 4.098 ug/l
RT: 10.810 min Scan# 1568
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

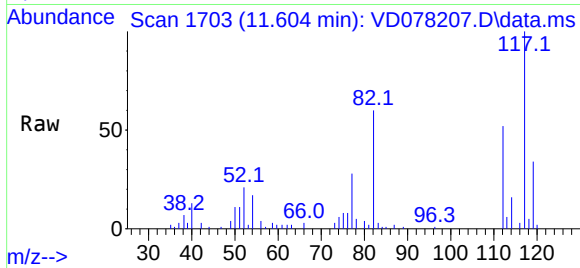
Tgt Ion:164 Resp: 5639
Ion Ratio Lower Upper
164 100
166 119.5 99.2 148.8
129 76.6 68.4 102.6
131 81.7 63.8 95.8





#65
Chlorobenzene
Concen: 3.865 ug/l
RT: 11.604 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

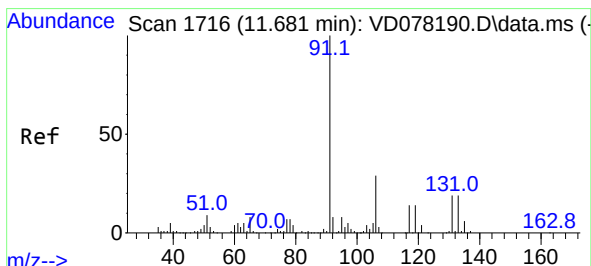
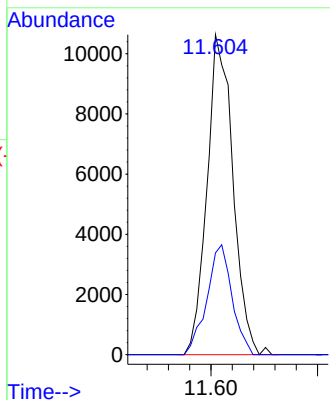
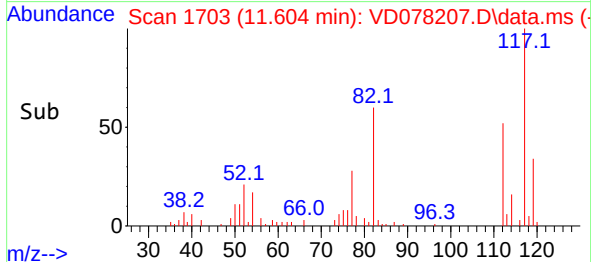
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:112 Resp: 17970
Ion Ratio Lower Upper
112 100
114 31.8 25.1 37.7

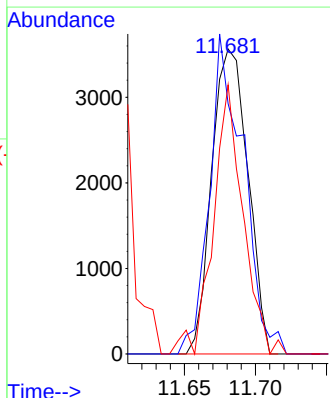
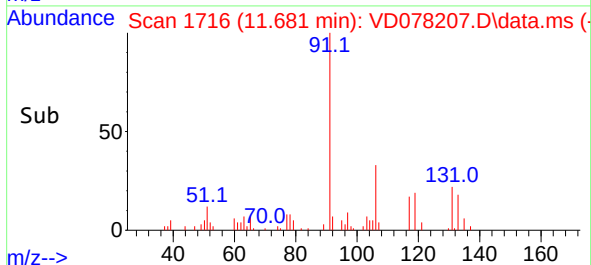
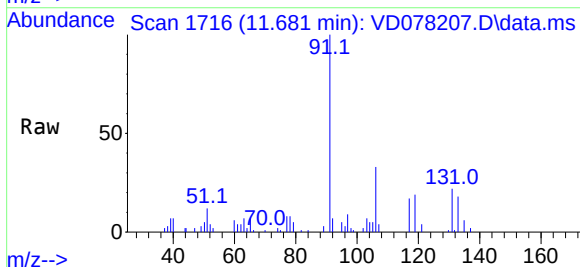
Manual Integrations
APPROVED

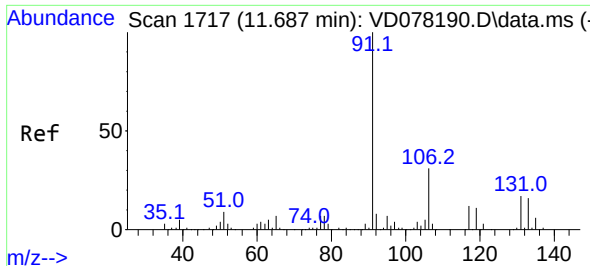
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#66
1,1,1,2-Tetrachloroethane
Concen: 3.799 ug/l
RT: 11.681 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

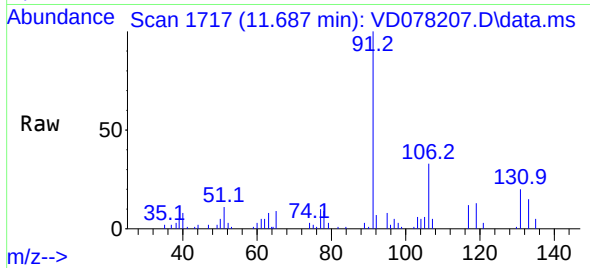
Tgt Ion:131 Resp: 6311
Ion Ratio Lower Upper
131 100
133 97.9 48.5 145.5
119 72.5 35.6 106.9





#67
Ethyl Benzene
Concen: 3.510 ug/l
RT: 11.687 min Scan# 1717
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

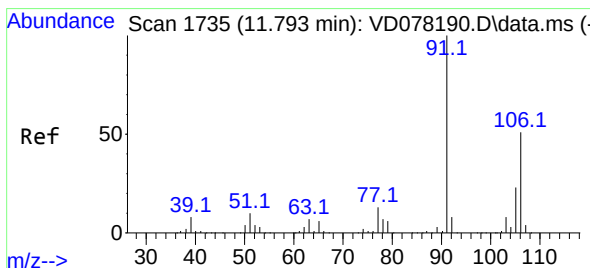
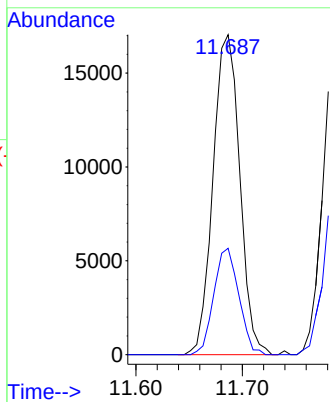
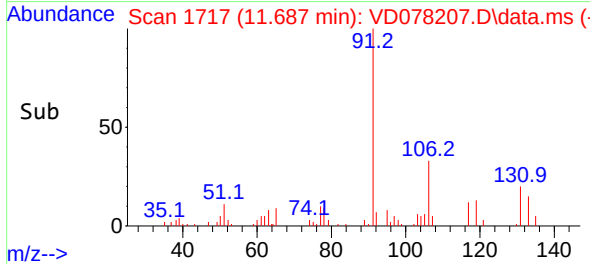
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



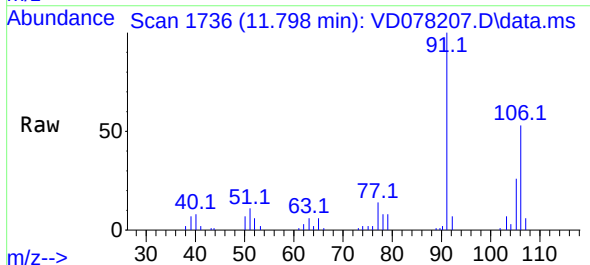
Tgt Ion: 91 Resp: 2969
Ion Ratio Lower Upper
91 100
106 33.2 26.5 39.7

Manual Integrations
APPROVED

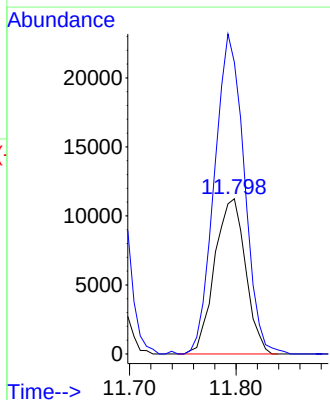
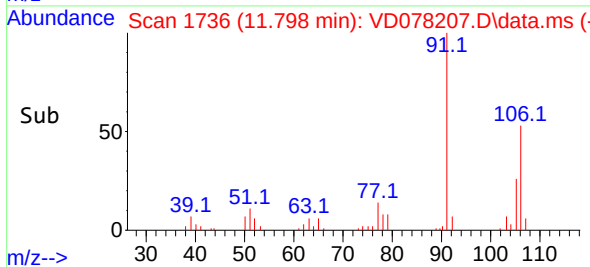
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

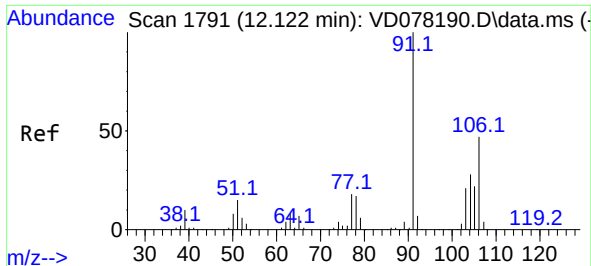


#68
m/p-Xylenes
Concen: 7.005 ug/l
RT: 11.798 min Scan# 1736
Delta R.T. 0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion:106 Resp: 22633
Ion Ratio Lower Upper
106 100
91 198.8 147.0 220.6





#69

o-Xylene

Concen: 3.389 ug/l

RT: 12.122 min Scan# 1791

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:106 Resp: 9939

Ion Ratio Lower Upper

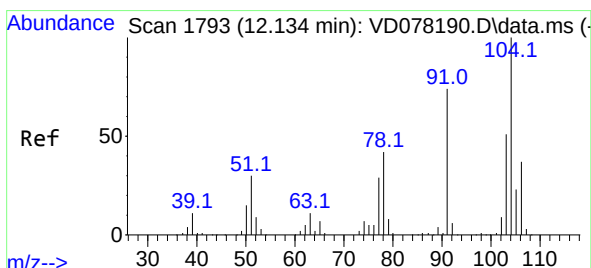
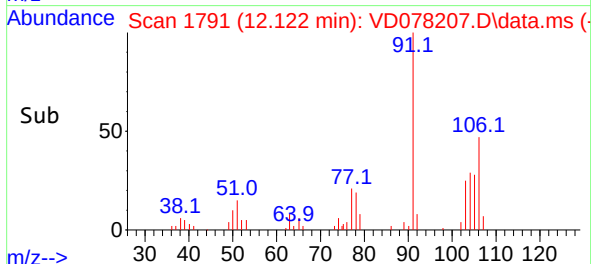
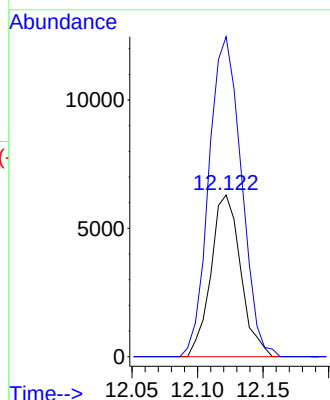
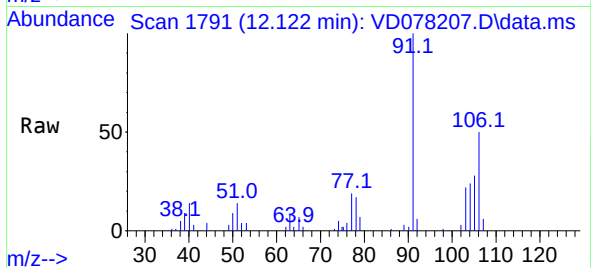
106 100

91 216.0 97.9 293.6

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#70

Styrene

Concen: 3.275 ug/l

RT: 12.134 min Scan# 1793

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

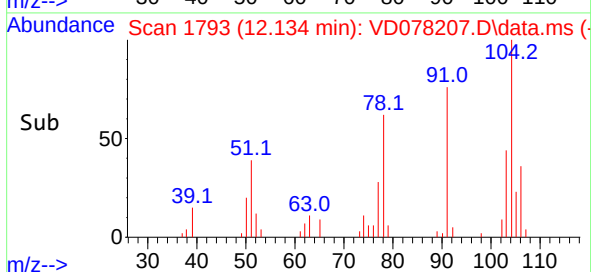
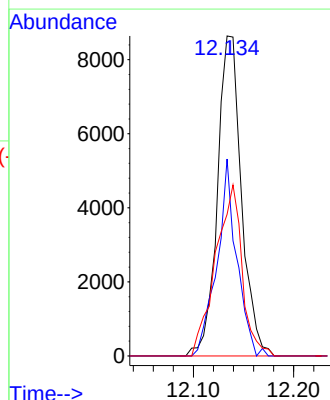
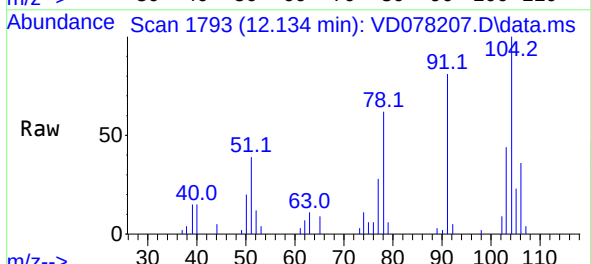
Tgt Ion:104 Resp: 14389

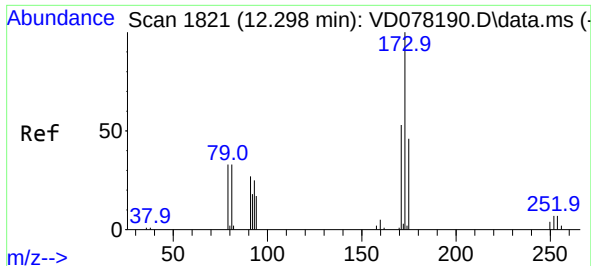
Ion Ratio Lower Upper

104 100

78 50.5 33.2 49.8#

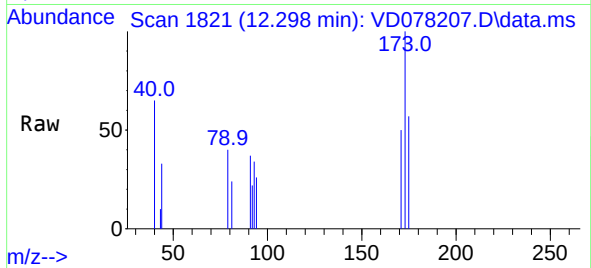
103 58.9 43.6 65.4





#71
Bromoform
Concen: 3.126 ug/l
RT: 12.298 min Scan# 1821
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

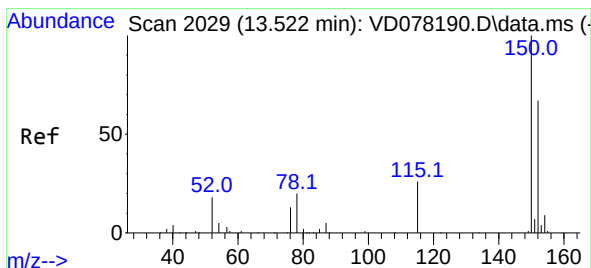
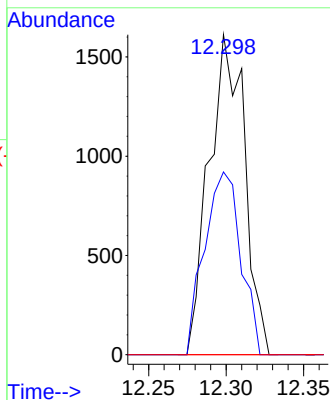
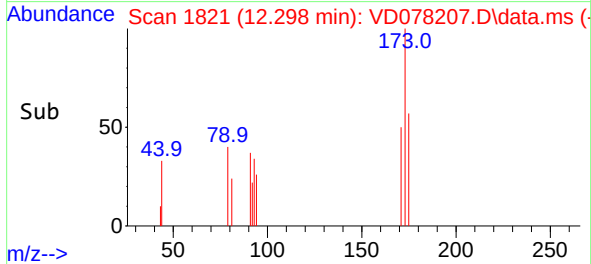
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



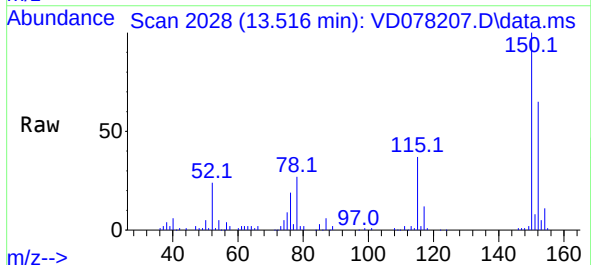
Tgt Ion:173 Resp: 2572
Ion Ratio Lower Upper
173 100
175 58.4 24.6 73.8
254 0.0 0.0 0.0

Manual Integrations
APPROVED

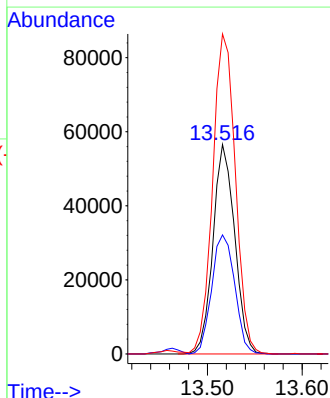
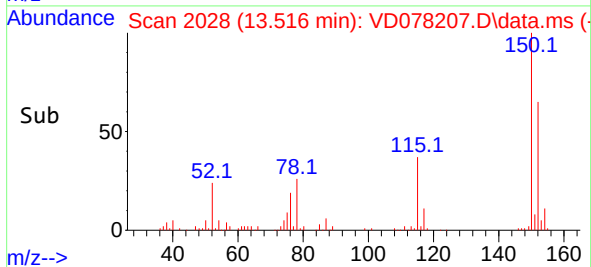
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

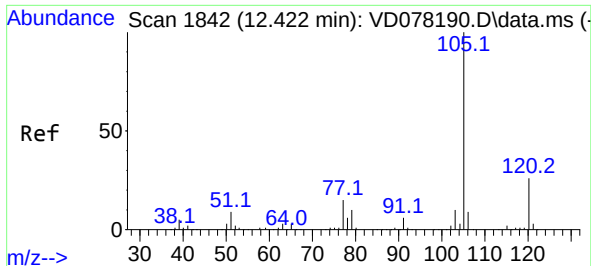


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.516 min Scan# 2028
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



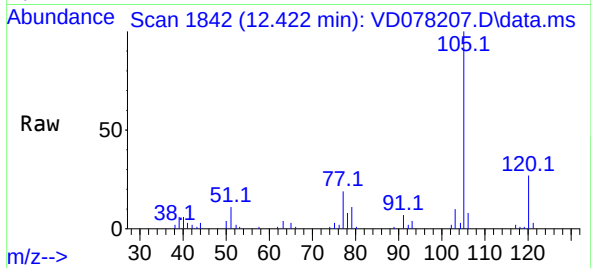
Tgt Ion:152 Resp: 90168
Ion Ratio Lower Upper
152 100
115 60.3 27.1 81.3
150 159.6 0.0 353.6





#73
Isopropylbenzene
Concen: 3.738 ug/l
RT: 12.422 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

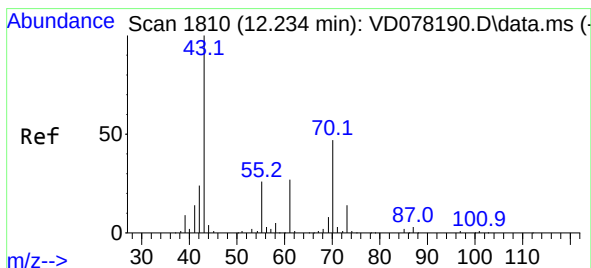
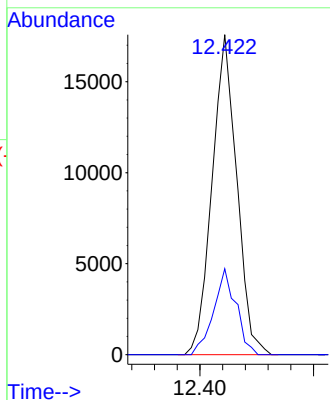
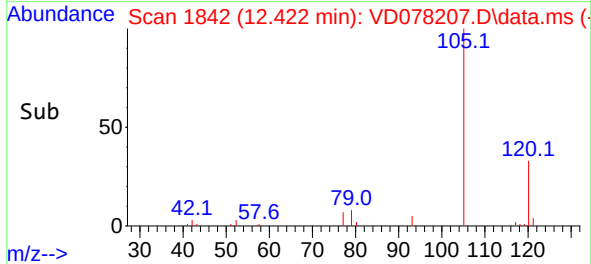
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



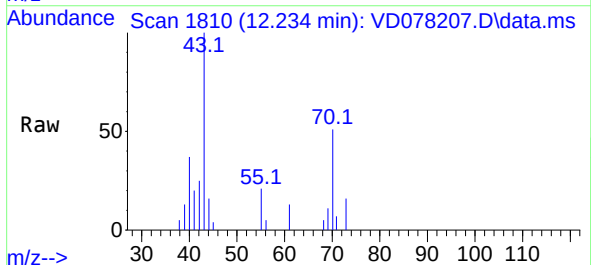
Tgt Ion:105 Resp: 2650
Ion Ratio Lower Upper
105 100
120 24.4 14.3 42.9

Manual Integrations
APPROVED

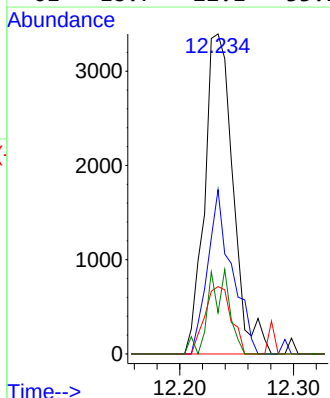
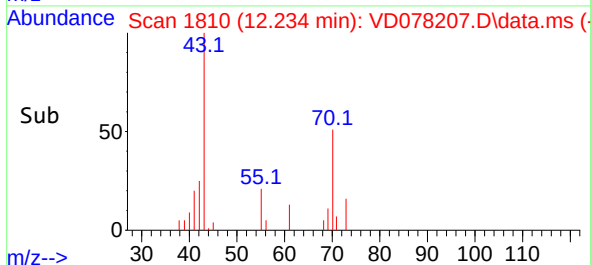
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

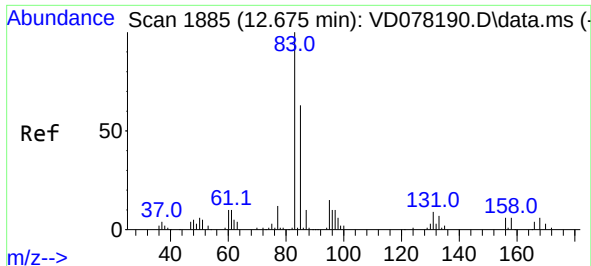


#74
N-ethyl acetate
Concen: 4.360 ug/l
RT: 12.234 min Scan# 1810
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



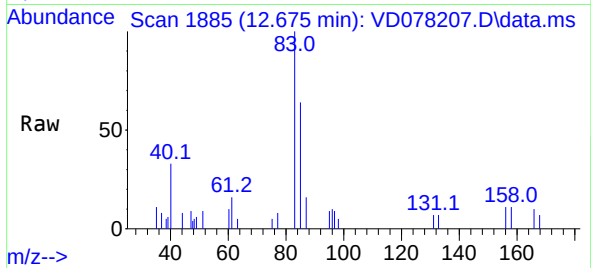
Tgt Ion: 43 Resp: 5914
Ion Ratio Lower Upper
43 100
70 43.8 45.0 67.4#
55 19.5 23.8 35.6#
61 18.7 22.1 33.1#





#75
1,1,2,2-Tetrachloroethane
Concen: 4.557 ug/l
RT: 12.675 min Scan# 1885
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

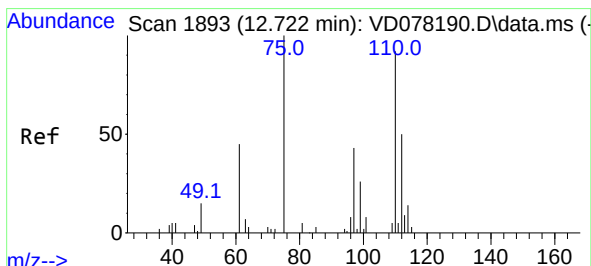
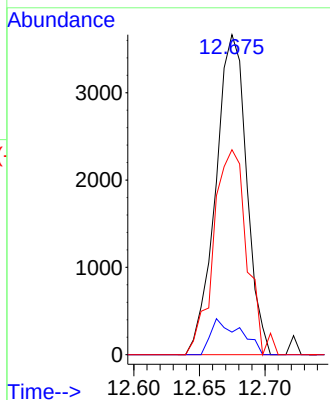
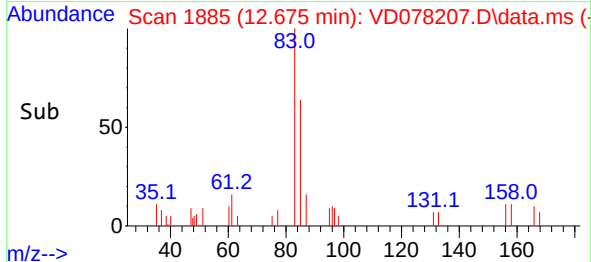
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 83 Resp: 601
Ion Ratio Lower Upper
83 100
131 10.7 5.1 15.3
85 69.0 32.6 97.8

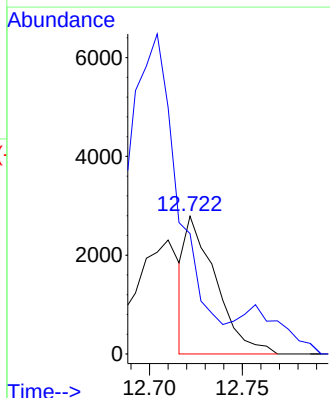
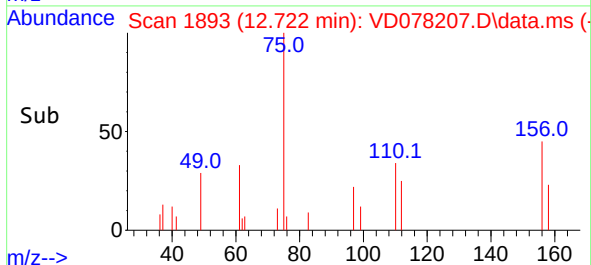
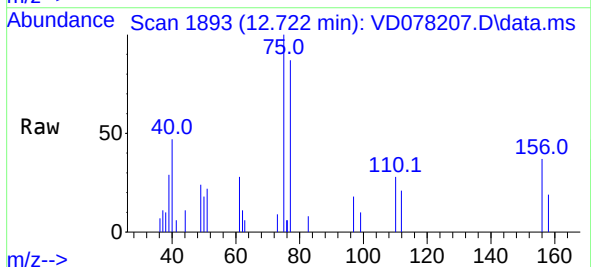
Manual Integrations
APPROVED

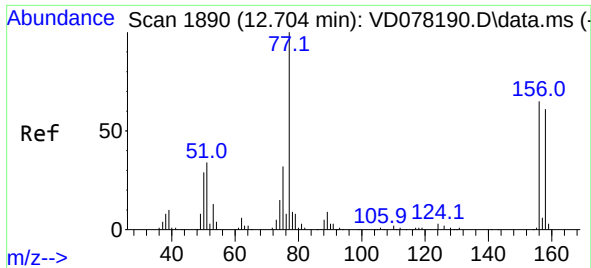
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#76
1,2,3-Trichloropropane
Concen: 3.677 ug/l m
RT: 12.722 min Scan# 1893
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion: 75 Resp: 3180
Ion Ratio Lower Upper
75 100
77 386.0 0.0 0.0#





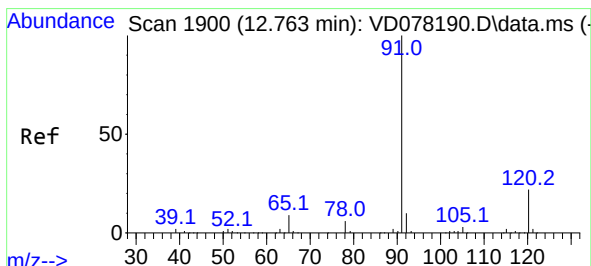
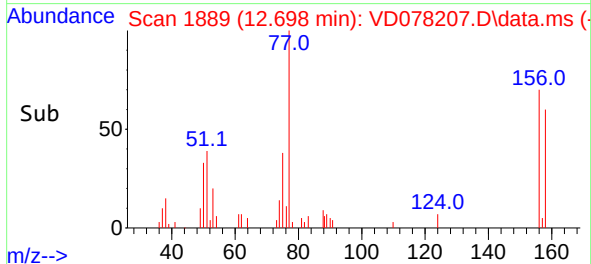
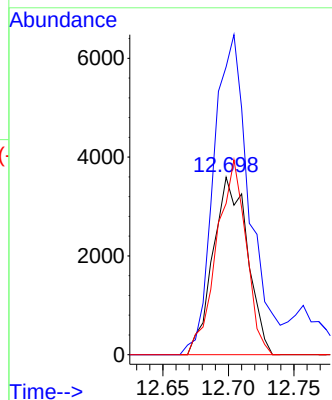
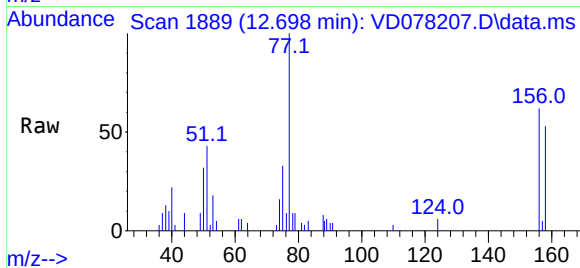
#77
Bromobenzene
Concen: 4.220 ug/l
RT: 12.698 min Scan# 1889
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion:156 Resp: 6560
Ion Ratio Lower Upper
156 100
77 187.1 76.8 230.4
158 94.1 48.6 145.9

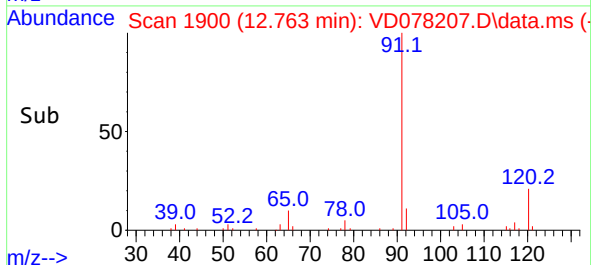
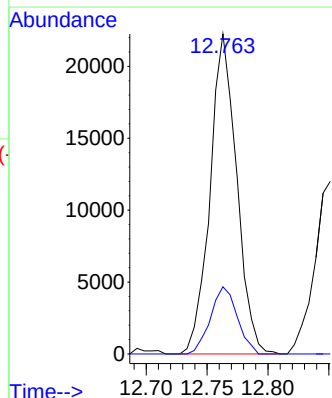
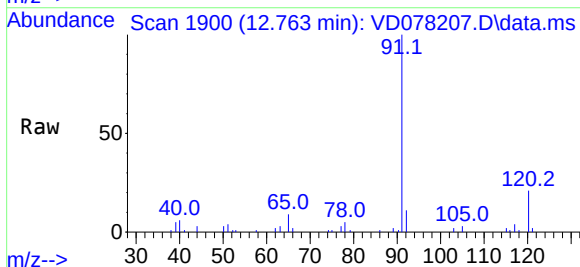
Manual Integrations
APPROVED

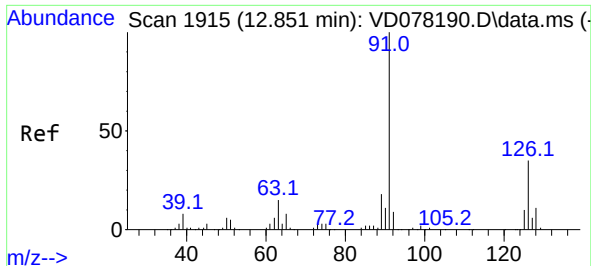
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#78
n-propylbenzene
Concen: 3.851 ug/l
RT: 12.763 min Scan# 1900
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion: 91 Resp: 33861
Ion Ratio Lower Upper
91 100
120 21.1 12.4 37.2





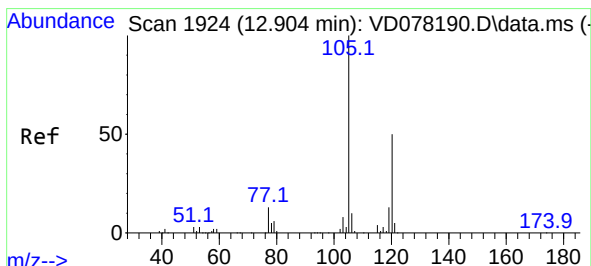
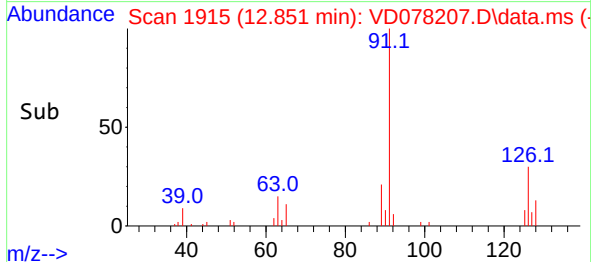
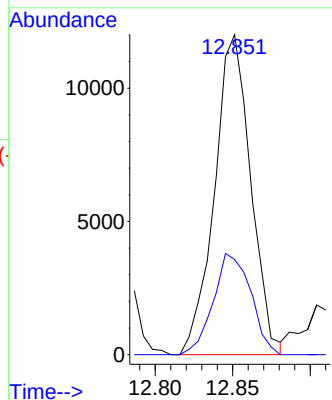
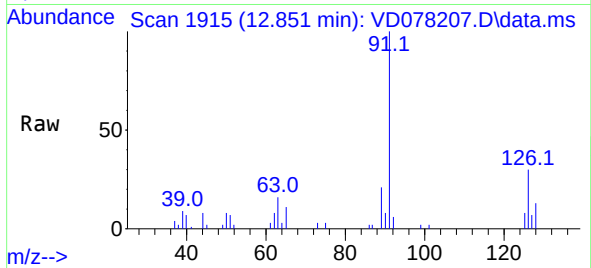
#79
2-Chlorotoluene
Concen: 4.166 ug/l
RT: 12.851 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024

Tgt Ion: 91 Resp: 1954
Ion Ratio Lower Upper
91 100
126 32.7 19.4 58.1

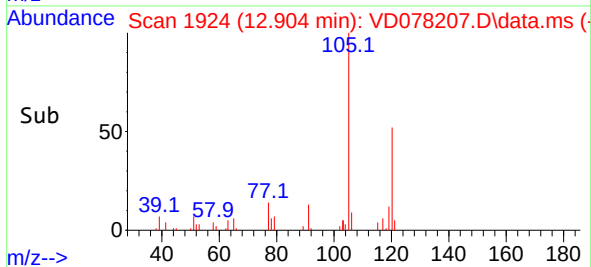
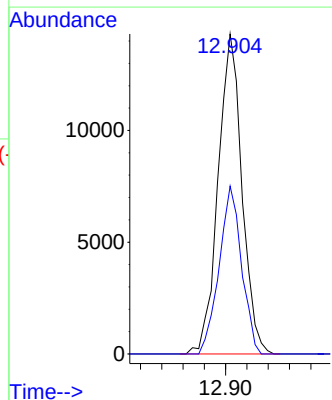
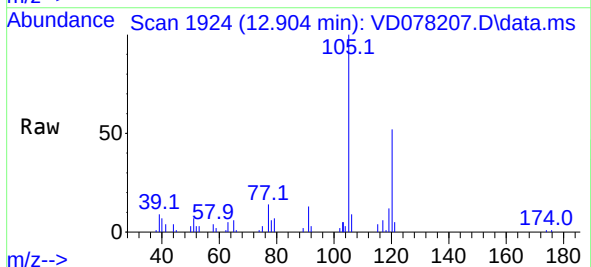
Manual Integrations
APPROVED

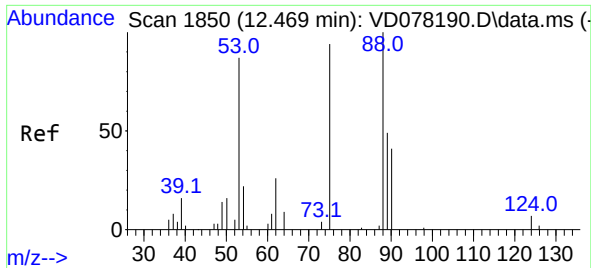
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#80
1,3,5-Trimethylbenzene
Concen: 3.778 ug/l
RT: 12.904 min Scan# 1924
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

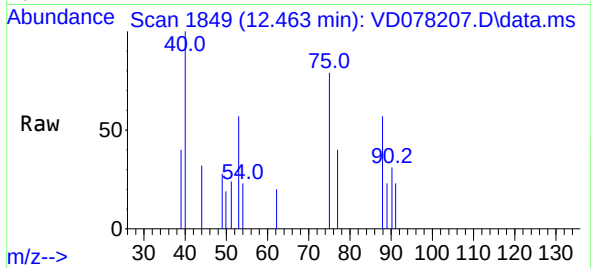
Tgt Ion:105 Resp: 22209
Ion Ratio Lower Upper
105 100
120 49.2 26.4 79.2





#81
trans-1,4-Dichloro-2-butene
Concen: 4.986 ug/l
RT: 12.463 min Scan# 1849
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

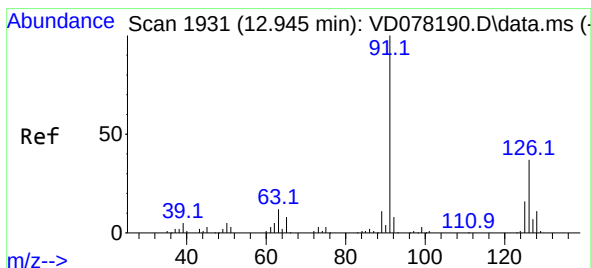
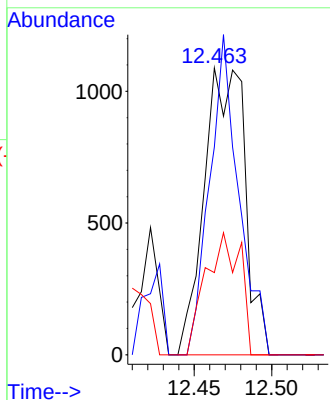
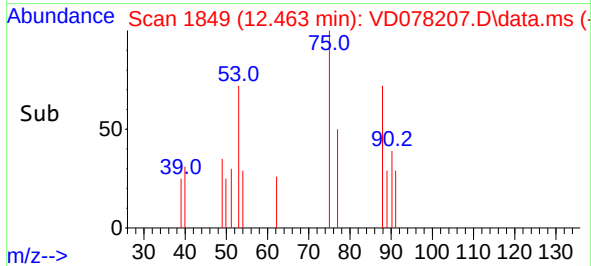
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



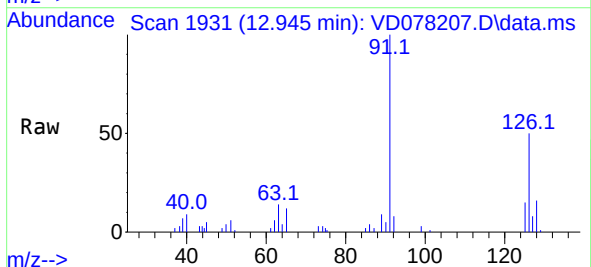
Tgt Ion: 75 Resp: 200
Ion Ratio Lower Upper
75 100
53 79.7 63.0 94.4
89 35.6 37.9 56.9

Manual Integrations
APPROVED

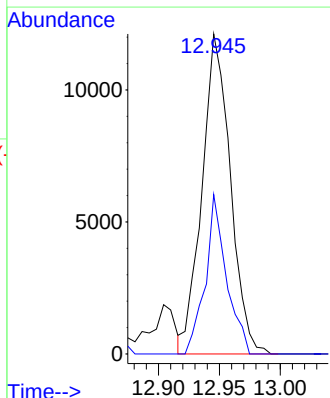
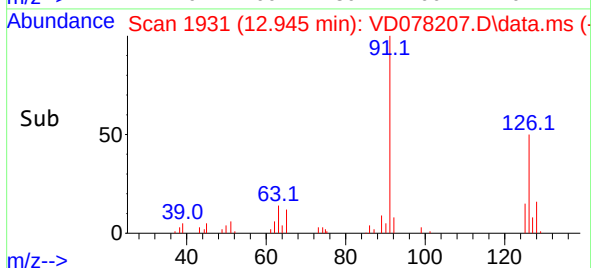
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

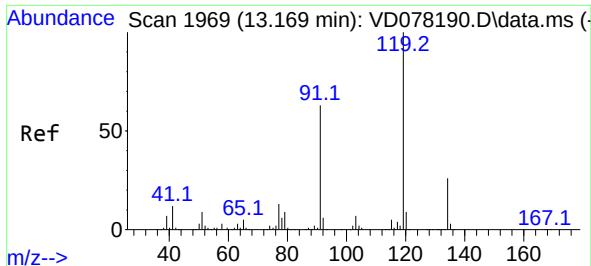


#82
4-Chlorotoluene
Concen: 3.970 ug/l
RT: 12.945 min Scan# 1931
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



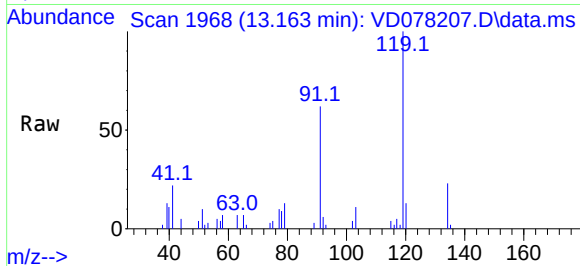
Tgt Ion: 91 Resp: 19638
Ion Ratio Lower Upper
91 100
126 36.8 19.4 58.4





#83
tert-Butylbenzene
Concen: 3.518 ug/l
RT: 13.163 min Scan# 1968
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

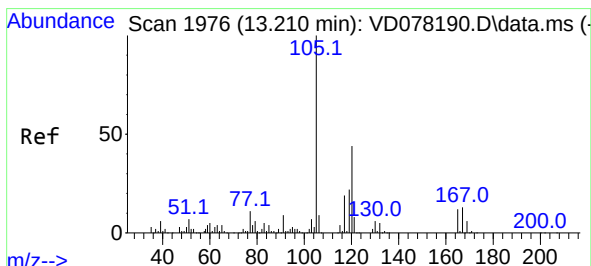
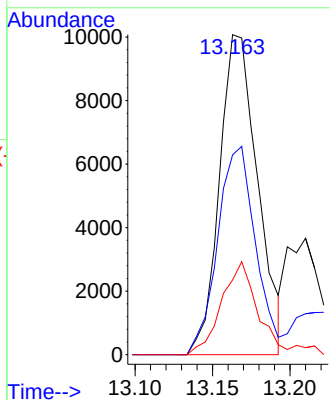
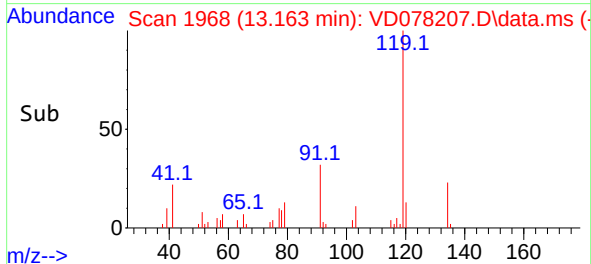
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:119 Resp: 17280
Ion Ratio Lower Upper
119 100
91 64.4 29.3 87.8
134 27.1 14.1 42.3

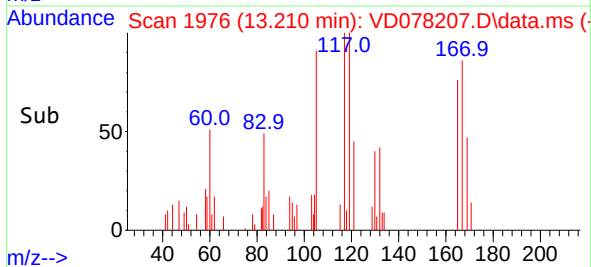
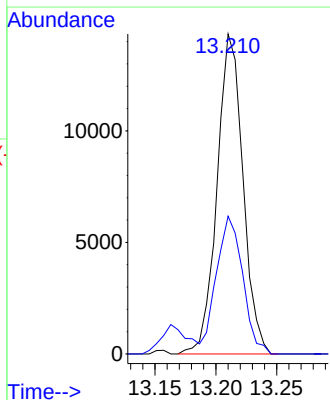
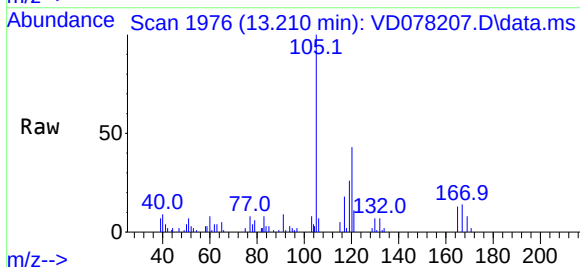
Manual Integrations
APPROVED

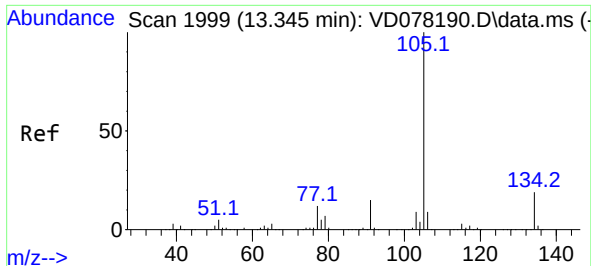
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#84
1,2,4-Trimethylbenzene
Concen: 3.573 ug/l
RT: 13.210 min Scan# 1976
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

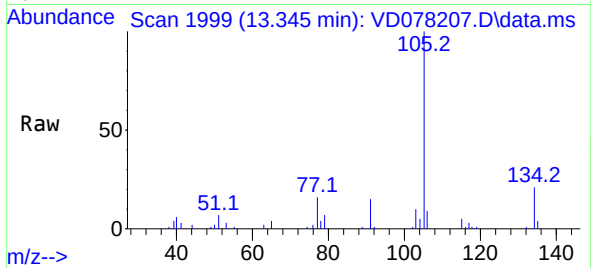
Tgt Ion:105 Resp: 21245
Ion Ratio Lower Upper
105 100
120 43.7 24.3 72.9





#85
sec-Butylbenzene
Concen: 3.582 ug/l
RT: 13.345 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

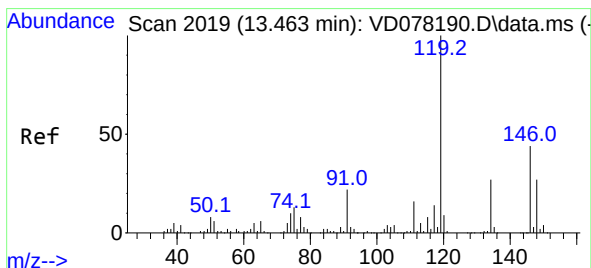
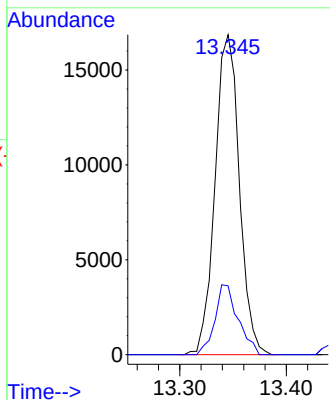
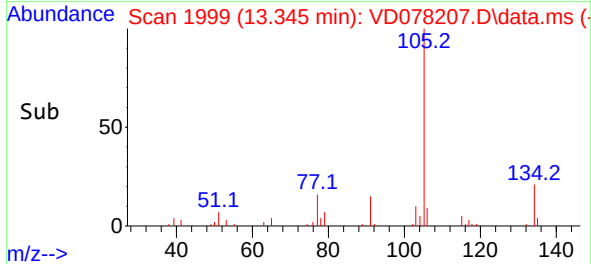
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2024



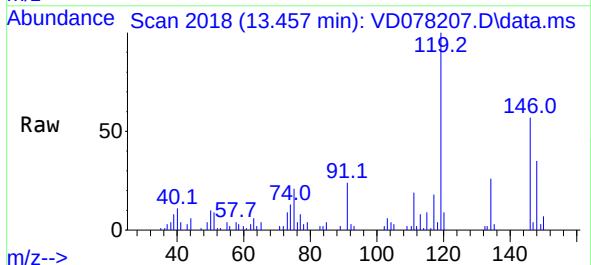
Tgt Ion:105 Resp: 26654
Ion Ratio Lower Upper
105 100
134 20.8 10.9 32.9

Manual Integrations
APPROVED

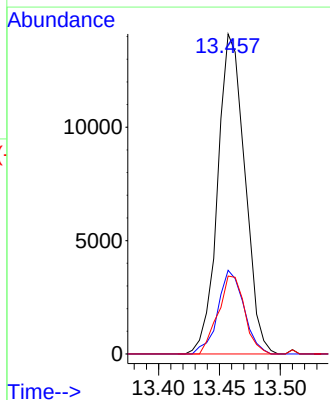
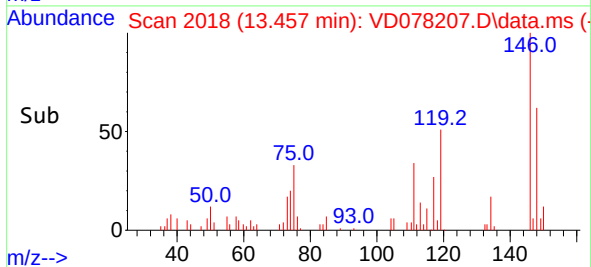
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024

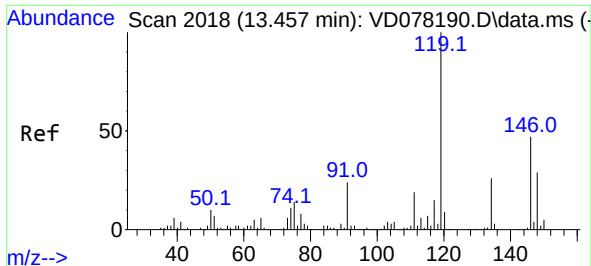


#86
p-Isopropyltoluene
Concen: 3.383 ug/l
RT: 13.457 min Scan# 2018
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion:119 Resp: 21905
Ion Ratio Lower Upper
119 100
134 25.1 14.2 42.6
91 23.7 10.5 31.5





#87

1,3-Dichlorobenzene

Concen: 3.787 ug/l

RT: 13.457 min Scan# 2018

Delta R.T. -0.000 min

Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024

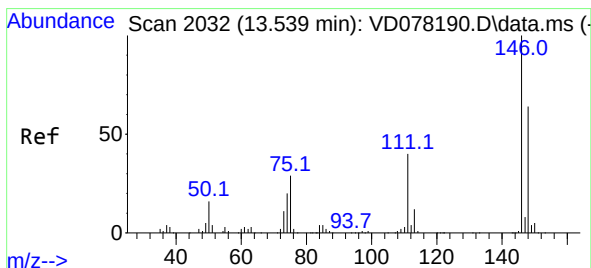
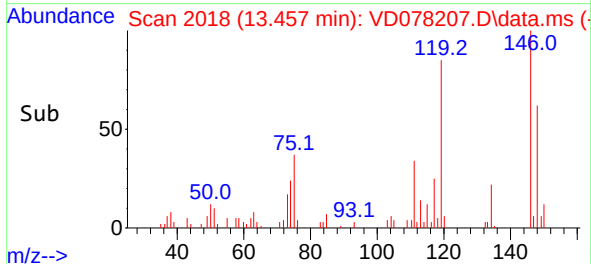
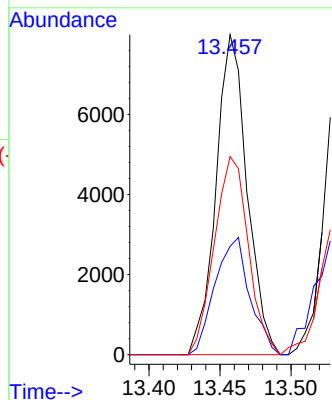
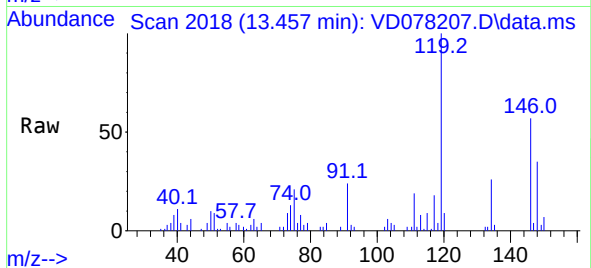
Tgt Ion:146 Resp: 1218

Ion	Ratio	Lower	Upper
146	100		
111	40.9	17.9	53.8
148	67.5	32.3	96.8

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#88

1,4-Dichlorobenzene

Concen: 4.149 ug/l

RT: 13.539 min Scan# 2032

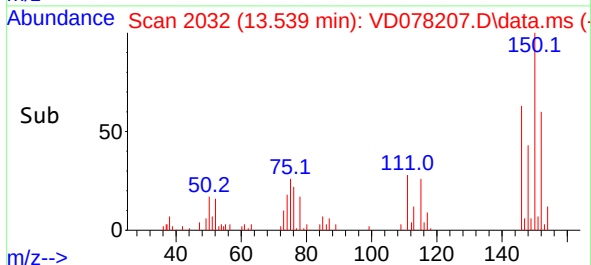
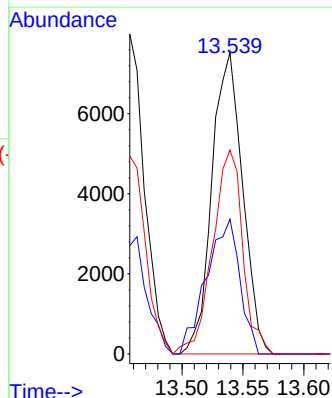
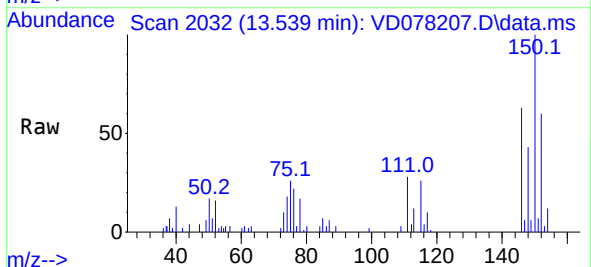
Delta R.T. -0.000 min

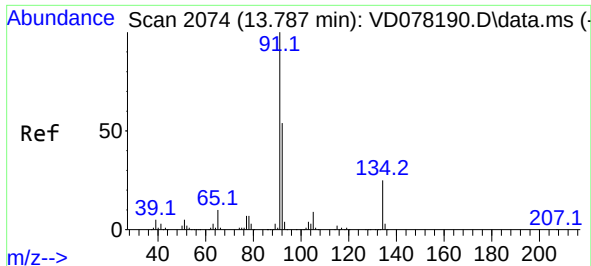
Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Tgt Ion:146 Resp: 13191

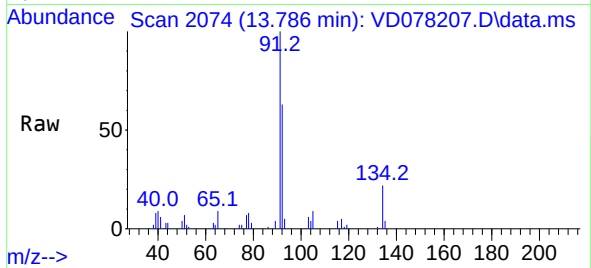
Ion	Ratio	Lower	Upper
146	100		
111	48.7	17.4	52.3
148	66.4	31.7	95.1





#89
n-Butylbenzene
Concen: 3.599 ug/l
RT: 13.786 min Scan# 2074
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

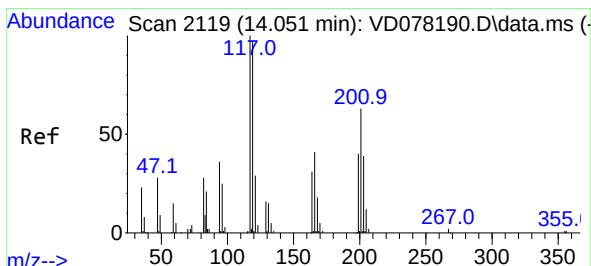
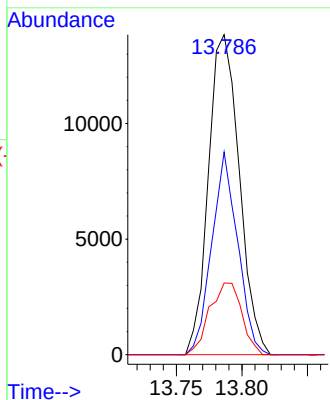
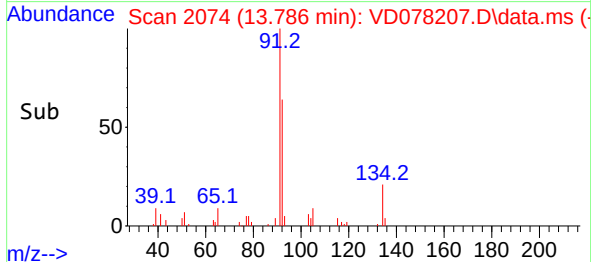
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion: 91 Resp: 22684
Ion Ratio Lower Upper
91 100
92 53.2 26.5 79.5
134 23.3 13.8 41.3

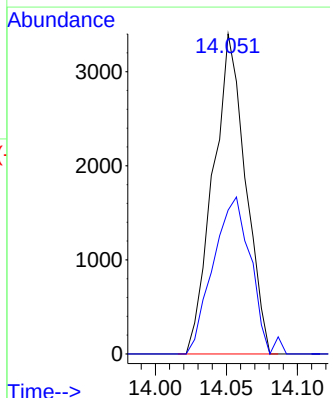
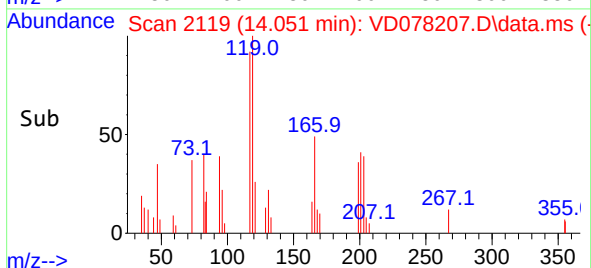
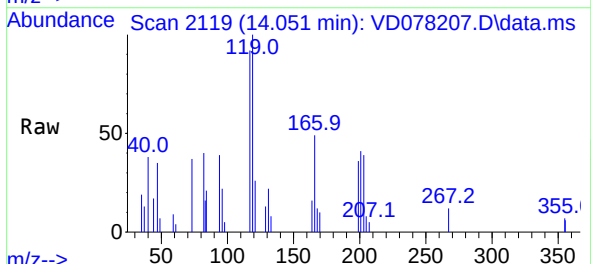
Manual Integrations
APPROVED

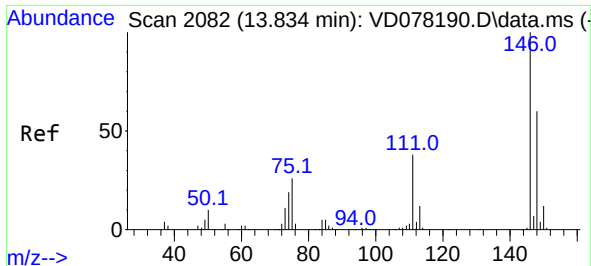
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#90
Hexachloroethane
Concen: 4.257 ug/l
RT: 14.051 min Scan# 2119
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

Tgt Ion:117 Resp: 5407
Ion Ratio Lower Upper
117 100
201 56.9 38.5 115.5





#91

1,2-Dichlorobenzene

Concen: 4.050 ug/l

RT: 13.828 min Scan# 2081

Delta R.T. -0.006 min

Lab File: VD078207.D

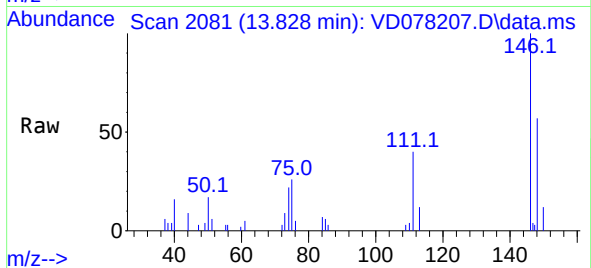
Acq: 23 Jan 2024 14:48

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2024



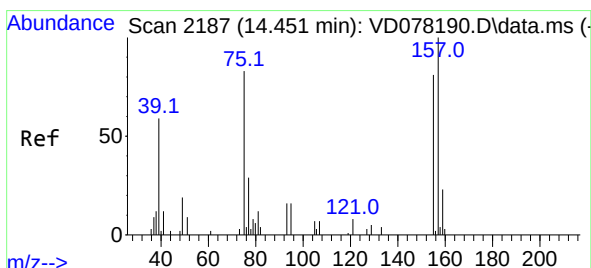
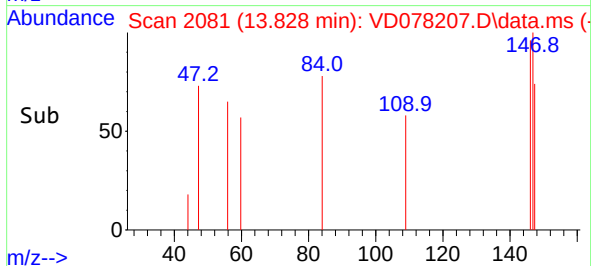
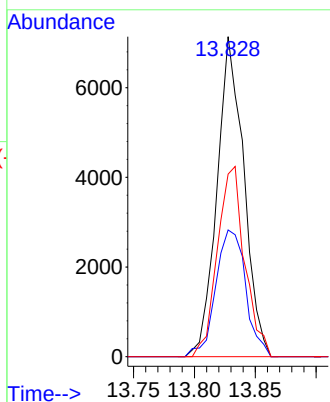
Tgt Ion:146 Resp: 10960

Ion	Ratio	Lower	Upper
146	100		
111	44.2	18.3	54.8
148	60.6	31.6	94.7

Manual Integrations

APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.559 ug/l

RT: 14.439 min Scan# 2185

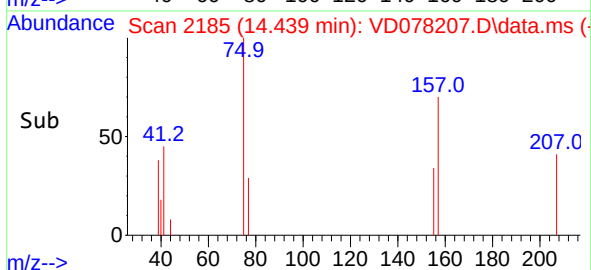
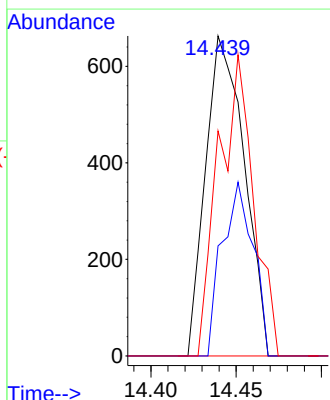
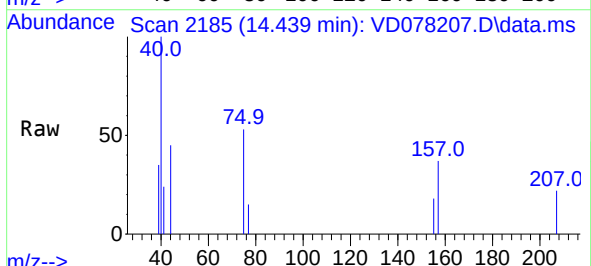
Delta R.T. -0.012 min

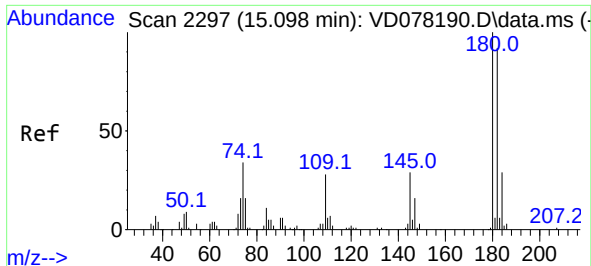
Lab File: VD078207.D

Acq: 23 Jan 2024 14:48

Tgt Ion: 75 Resp: 1048

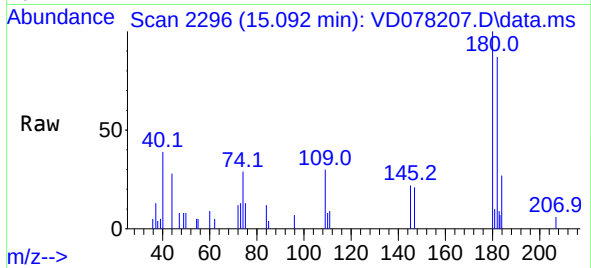
Ion	Ratio	Lower	Upper
75	100		
155	43.5	47.9	143.8#
157	84.9	59.9	179.7





#93
1,2,4-Trichlorobenzene
Concen: 3.497 ug/l
RT: 15.092 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

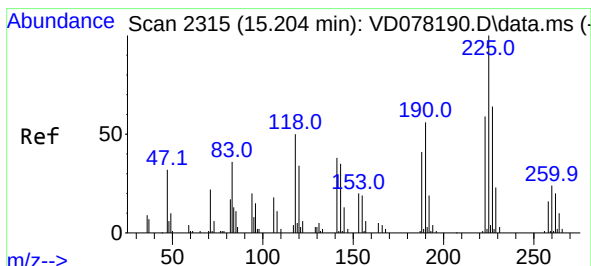
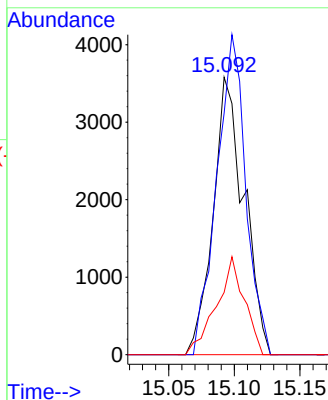
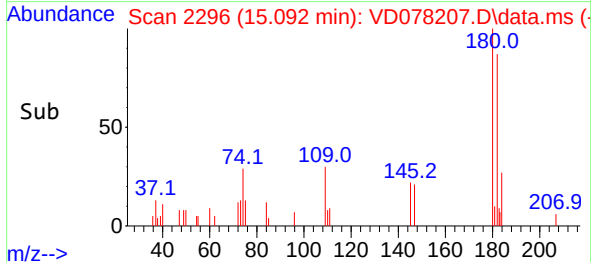
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



Tgt Ion:180 Resp: 5850
Ion Ratio Lower Upper
180 100
182 108.8 48.5 145.6
145 32.0 14.2 42.6

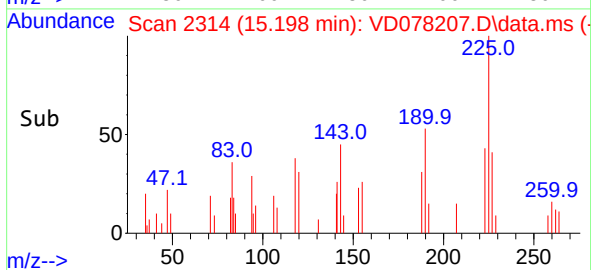
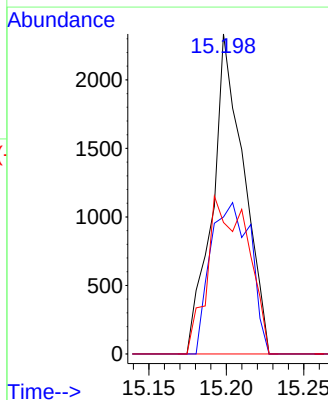
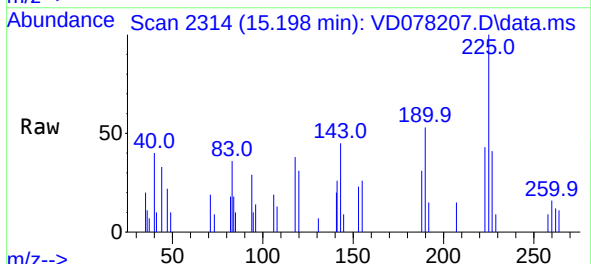
Manual Integrations
APPROVED

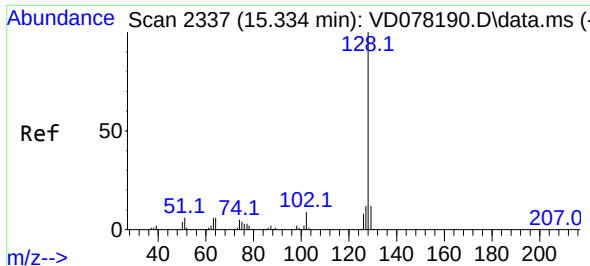
Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#94
Hexachlorobutadiene
Concen: 4.079 ug/l
RT: 15.198 min Scan# 2314
Delta R.T. -0.006 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

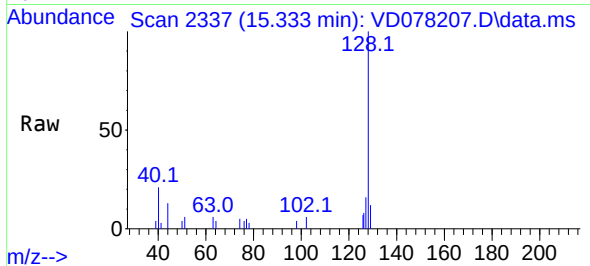
Tgt Ion:225 Resp: 3297
Ion Ratio Lower Upper
225 100
223 60.3 31.6 94.8
227 62.9 31.7 95.1





#95
Naphthalene
Concen: 3.479 ug/l
RT: 15.333 min Scan# 2337
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48

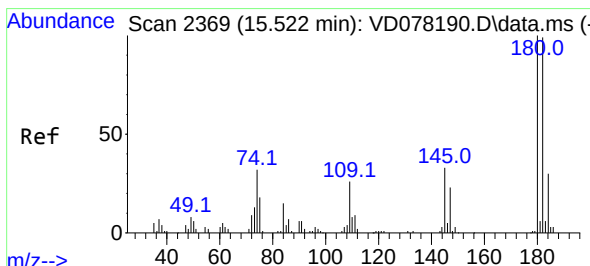
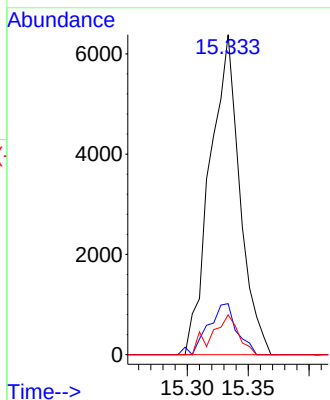
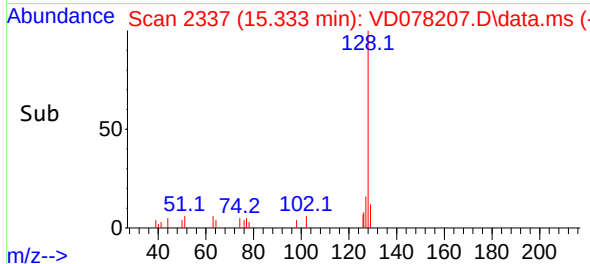
Instrument : MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2024



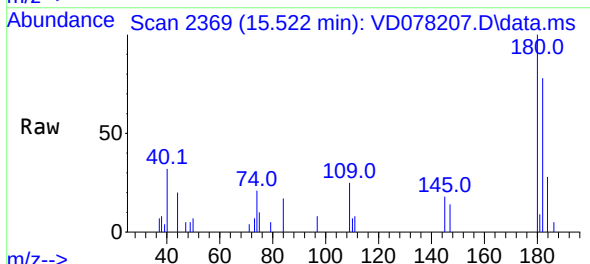
Tgt Ion:128 Resp: 1088
Ion Ratio Lower Upper
128 100
127 15.9 10.5 15.7
129 12.5 8.7 13.1

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 01/25/2024
Supervised By :Semsettin Yesilyurt 01/25/2024



#96
1,2,3-Trichlorobenzene
Concen: 3.889 ug/l
RT: 15.522 min Scan# 2369
Delta R.T. -0.000 min
Lab File: VD078207.D
Acq: 23 Jan 2024 14:48



Tgt Ion:180 Resp: 5458
Ion Ratio Lower Upper
180 100
182 93.5 47.3 141.9
145 27.9 15.1 45.3

