

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111721\
 Data File : VW020917.D
 Acq On : 17 Nov 2021 21:47
 Operator : SY/VA
 Sample : M4068-01 2.5PPBLOD
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

Quant Time: Nov 18 05:30:08 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 18 05:29:41 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	74655	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	112875	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	104372	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	54643	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35520	51.365	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.720%			
35) Dibromofluoromethane	7.885	113	34964	49.383	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.760%			
50) Toluene-d8	10.323	98	128420	49.455	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.900%			
62) 4-Bromofluorobenzene	12.615	95	47001	48.534	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.060%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.008	85	217	1.598	ug/l #	41
3) Chloromethane	2.215	50	1176	2.736	ug/l	94
4) Vinyl Chloride	2.355	62	1700	2.246	ug/l	96
5) Bromomethane	2.776	94	1725	3.541	ug/l	96
6) Chloroethane	2.916	64	704	2.413	ug/l	99
7) Trichlorofluoromethane	3.251	101	805	2.565	ug/l	100
8) Diethyl Ether	3.678	74	849	2.575	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.062	101	1645	2.541	ug/l	96
10) Methyl Iodide	4.269	142	2190	2.242	ug/l	99
11) Tert butyl alcohol	5.178	59	659m	10.817	ug/l	
12) 1,1-Dichloroethene	4.044	96	1578	2.487	ug/l #	84
13) Acrolein	3.891	56	52	4.934	ug/l #	11
14) Allyl chloride	4.653	41	2206	2.422	ug/l	99
15) Acrylonitrile	5.367	53	1738	12.186	ug/l	97
16) Acetone	4.135	43	2514	17.489	ug/l	99
17) Carbon Disulfide	4.379	76	4183	2.399	ug/l	98
18) Methyl Acetate	4.678	43	1349	2.689	ug/l #	75
19) Methyl tert-butyl Ether	5.428	73	2860	2.616	ug/l	98
20) Methylene Chloride	4.916	84	3802	4.735	ug/l #	83
21) trans-1,2-Dichloroethene	5.428	96	1757	2.433	ug/l	96
22) Diisopropyl ether	6.318	45	4446	2.379	ug/l #	88
23) Vinyl Acetate	6.257	43	12692	11.604	ug/l	97
24) 1,1-Dichloroethane	6.214	63	2937	2.470	ug/l #	93
25) 2-Butanone	7.177	43	3041	14.895	ug/l	94
26) 2,2-Dichloropropane	7.159	77	2648	3.138	ug/l	80
27) cis-1,2-Dichloroethene	7.171	96	2177	2.698	ug/l	91
28) Bromochloromethane	7.513	49	1183	2.351	ug/l #	88
29) Tetrahydrofuran	7.537	42	1549	12.511	ug/l	97
30) Chloroform	7.677	83	3328	2.544	ug/l	94
31) Cyclohexane	7.952	56	4189	3.631	ug/l #	68
32) 1,1,1-Trichloroethane	7.878	97	2725	2.467	ug/l	97
36) 1,1-Dichloropropene	8.080	75	2533	2.498	ug/l	97
37) Ethyl Acetate	7.257	43	1349	2.917	ug/l #	87
38) Carbon Tetrachloride	8.074	117	2578	2.390	ug/l	90
39) Methylcyclohexane	9.336	83	3225	2.533	ug/l	94
40) Benzene	8.323	78	8749	3.026	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.494	41	523	2.121	ug/l #	84
42) 1,2-Dichloroethane	8.403	62	2312	2.636	ug/l	95
43) Isopropyl Acetate	8.427	43	2168	2.388	ug/l	99
44) Trichloroethene	9.092	130	2110	2.501	ug/l	98
45) 1,2-Dichloropropane	9.366	63	1624	2.439	ug/l #	78
46) Dibromomethane	9.451	93	1116	2.645	ug/l	92
47) Bromodichloromethane	9.640	83	2380	2.385	ug/l	99
48) Methyl methacrylate	9.439	41	1099	2.722	ug/l	88
49) 1,4-Dioxane	9.445	88	352	57.906	ug/l #	62
51) 4-Methyl-2-Pentanone	10.207	43	6121	13.244	ug/l	98
52) Toluene	10.384	92	4837	2.603	ug/l	97
53) t-1,3-Dichloropropene	10.604	75	2139	2.158	ug/l	92
54) cis-1,3-Dichloropropene	10.067	75	2589	2.309	ug/l #	91
55) 1,1,2-Trichloroethane	10.786	97	1374	2.429	ug/l	96
56) Ethyl methacrylate	10.646	69	1645	2.284	ug/l	95
57) 1,3-Dichloropropane	10.933	76	2318	2.434	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	5316	14.667	ug/l	97
59) 2-Hexanone	10.969	43	3500	10.886	ug/l	95
60) Dibromochloromethane	11.128	129	1558	2.185	ug/l	92
61) 1,2-Dibromoethane	11.238	107	1344	2.395	ug/l	99
64) Tetrachloroethene	10.866	164	2016	2.600	ug/l #	79
65) Chlorobenzene	11.658	112	5278	2.515	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.731	131	1895	2.429	ug/l	97
67) Ethyl Benzene	11.731	91	8974	2.437	ug/l	99
68) m/p-Xylenes	11.835	106	7354	4.940	ug/l	99
69) o-Xylene	12.164	106	3421	2.451	ug/l	98
70) Styrene	12.183	104	5554	2.369	ug/l	99
71) Bromoform	12.347	173	986	2.186	ug/l #	94
73) Isopropylbenzene	12.463	105	9226	2.471	ug/l	99
74) N-amyl acetate	12.274	43	2061	2.317	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.713	83	1554	2.385	ug/l	94
76) 1,2,3-Trichloropropane	12.768	75	1327m	2.703	ug/l	
77) Bromobenzene	12.743	156	2467	2.720	ug/l	90
78) n-propylbenzene	12.804	91	11259	2.560	ug/l	96
79) 2-Chlorotoluene	12.890	91	6634	2.610	ug/l	97
80) 1,3,5-Trimethylbenzene	12.945	105	8114	2.534	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.512	75	435m	2.084	ug/l	
82) 4-Chlorotoluene	12.987	91	6819	2.530	ug/l	99
83) tert-Butylbenzene	13.201	119	7097	2.480	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	8059	2.549	ug/l	100
85) sec-Butylbenzene	13.377	105	10040	2.438	ug/l	98
86) p-Isopropyltoluene	13.493	119	8569	2.413	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	4756	2.587	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	5088	2.755	ug/l	88
89) n-Butylbenzene	13.823	91	7897	2.477	ug/l	99
90) Hexachloroethane	14.091	117	1685	2.520	ug/l	79
91) 1,2-Dichlorobenzene	13.865	146	4291	2.657	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.487	75	255	2.229	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	3286	2.856	ug/l	99
94) Hexachlorobutadiene	15.231	225	1744	2.672	ug/l	99
95) Naphthalene	15.365	128	5865	2.750	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	3036	2.992	ug/l	97

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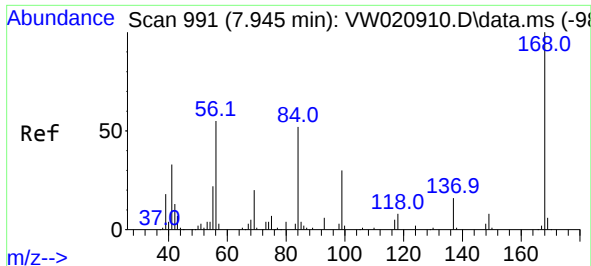
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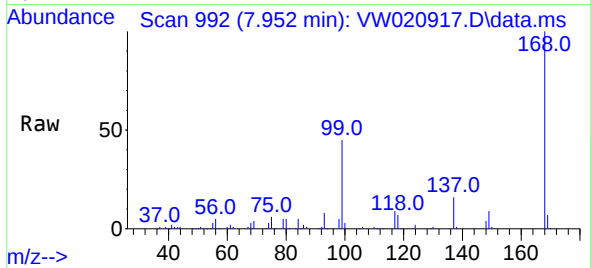
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

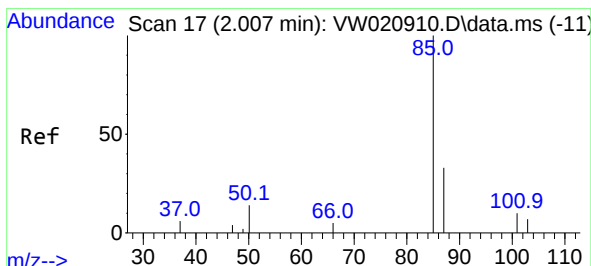
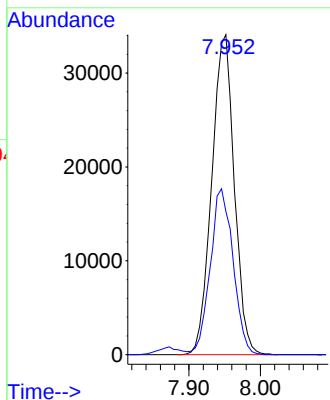
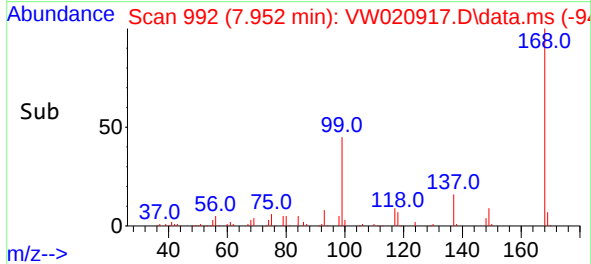
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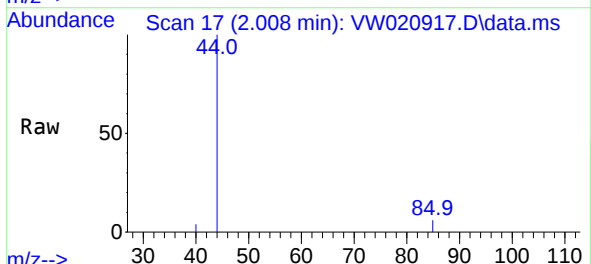
Tgt Ion:168 Resp: 7465
Ion Ratio Lower Upper
168 100
99 44.7 41.6 62.4

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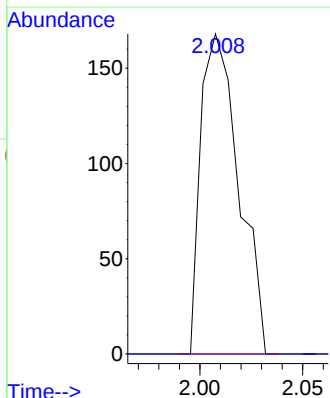
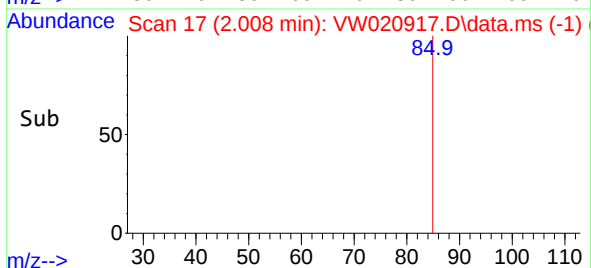
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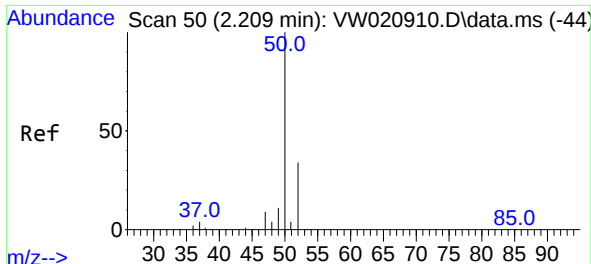


#2
Dichlorodifluoromethane
Concen: 1.598 ug/l
RT: 2.008 min Scan# 17
Delta R.T. 0.001 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



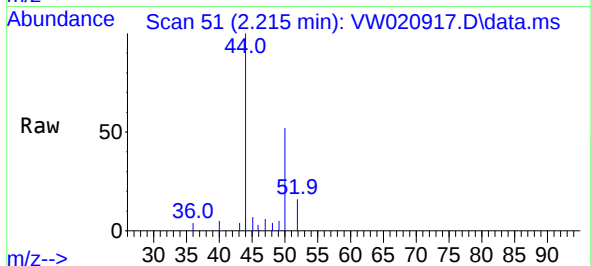
Tgt Ion: 85 Resp: 217
Ion Ratio Lower Upper
85 100
87 0.0 16.8 50.3





#3
Chloromethane
Concen: 2.736 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

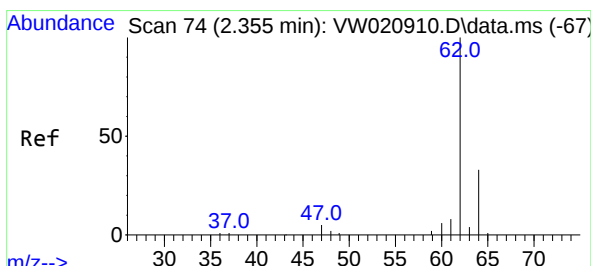
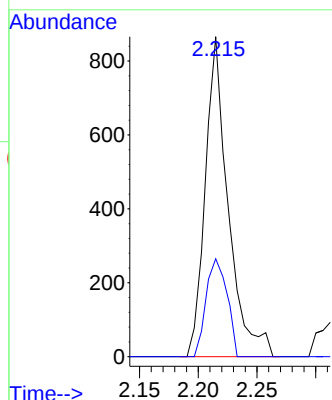
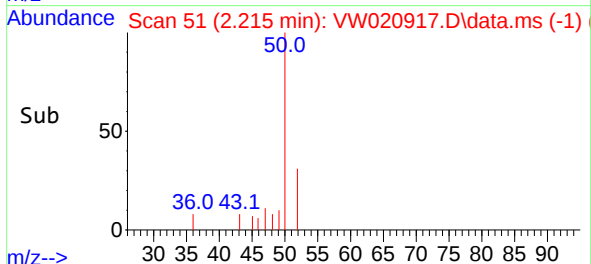
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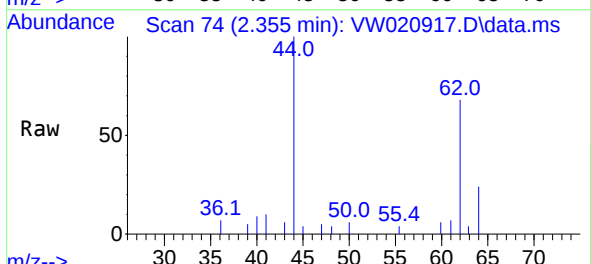
Tgt Ion: 50 Resp: 1170
Ion Ratio Lower Upper
50 100
52 30.6 27.2 40.8

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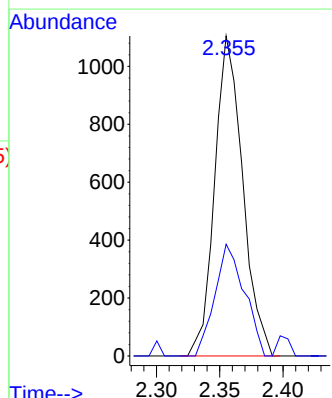
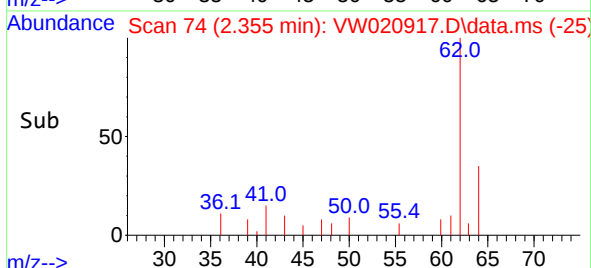
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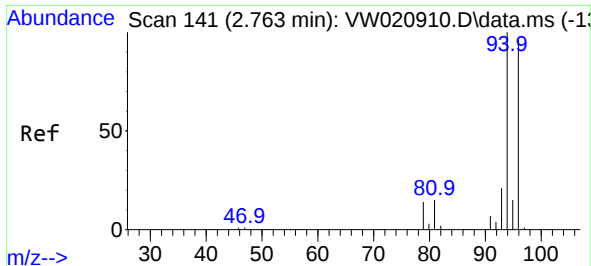


#4
Vinyl Chloride
Concen: 2.246 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



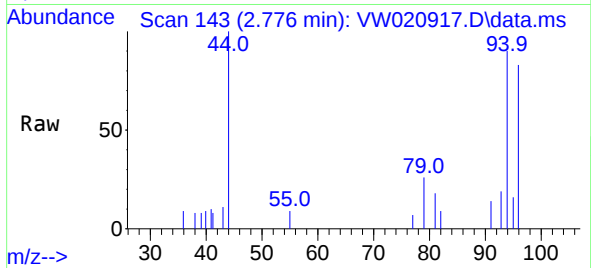
Tgt Ion: 62 Resp: 1700
Ion Ratio Lower Upper
62 100
64 34.9 26.2 39.4





#5
Bromomethane
Concen: 3.541 ug/l
RT: 2.776 min Scan# 141
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

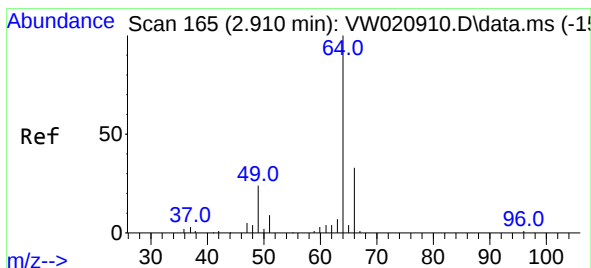
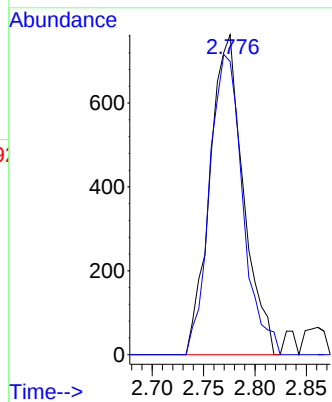
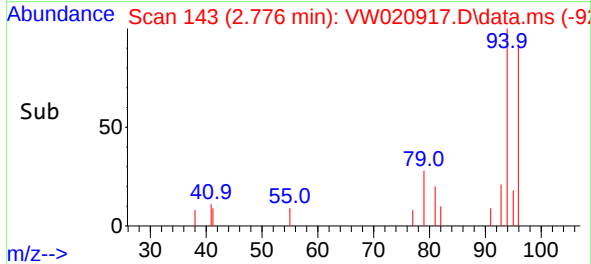
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Tgt Ion: 94 Resp: 1725
Ion Ratio Lower Upper
94 100
96 91.6 76.4 114.6

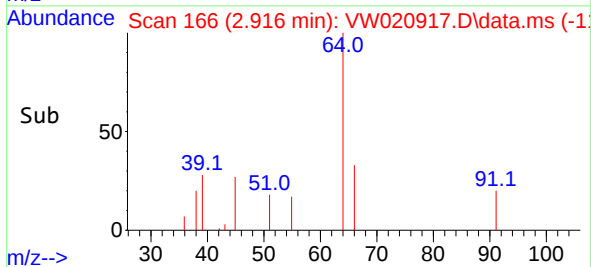
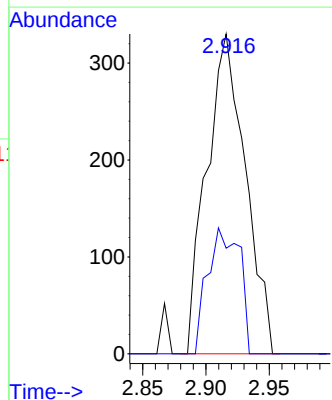
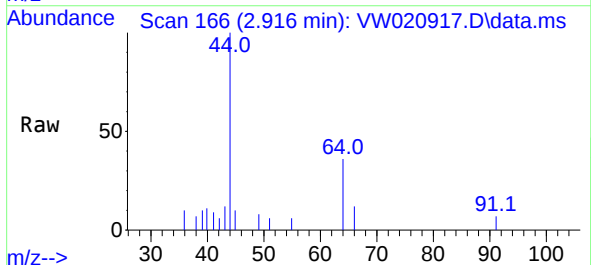
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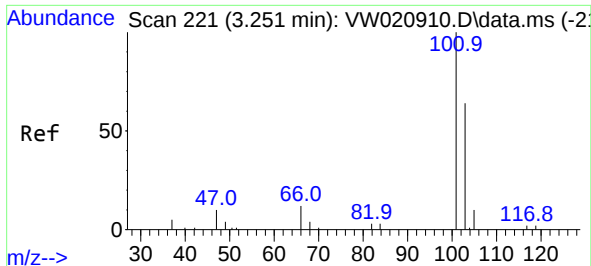
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#6
Chloroethane
Concen: 2.413 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
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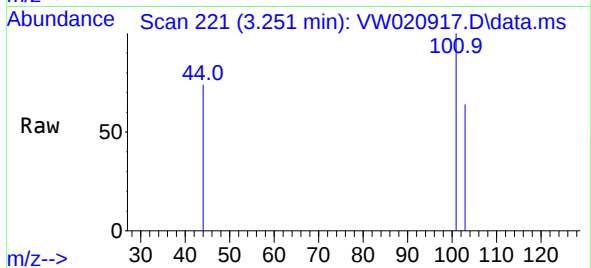
Tgt Ion: 64 Resp: 704
Ion Ratio Lower Upper
64 100
66 33.0 26.7 40.1





#7
Trichlorofluoromethane
Concen: 2.565 ug/l
RT: 3.251 min Scan# 211
Delta R.T. 0.000 min
Lab File: VW020917.D
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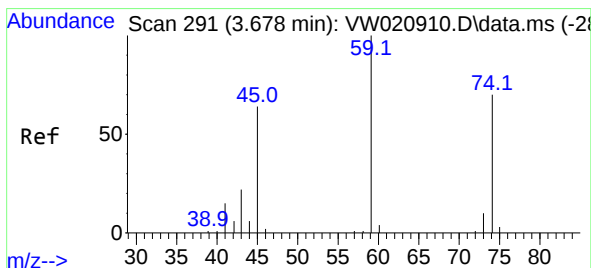
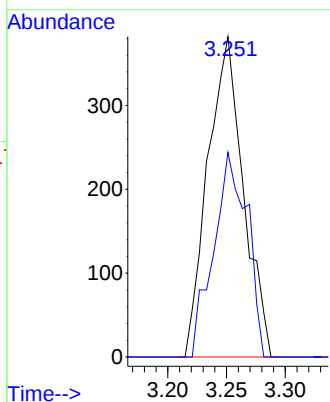
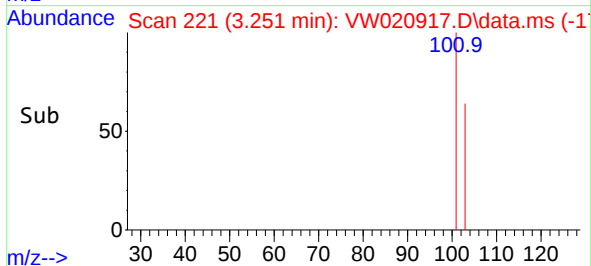
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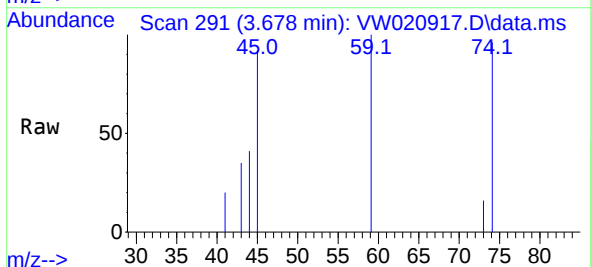
Tgt Ion:101 Resp: 809
Ion Ratio Lower Upper
101 100
103 63.9 50.9 76.3

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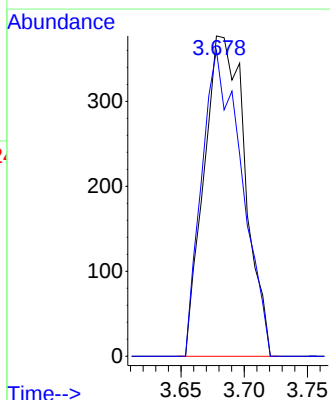
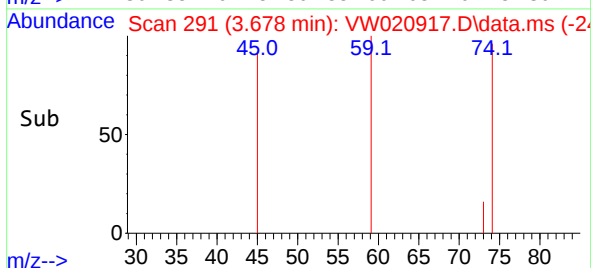
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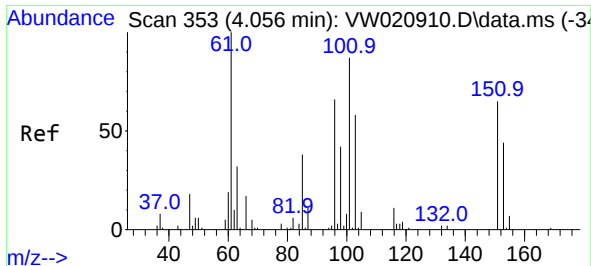


#8
Diethyl Ether
Concen: 2.575 ug/l
RT: 3.678 min Scan# 291
Delta R.T. 0.000 min
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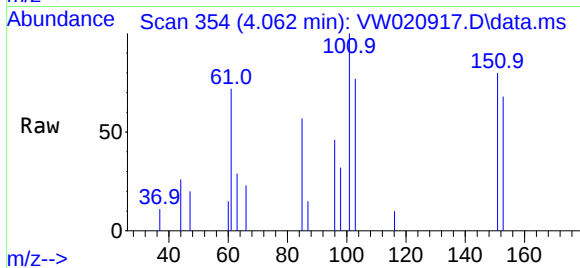
Tgt Ion: 74 Resp: 849
Ion Ratio Lower Upper
74 100
45 92.8 45.3 135.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.541 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

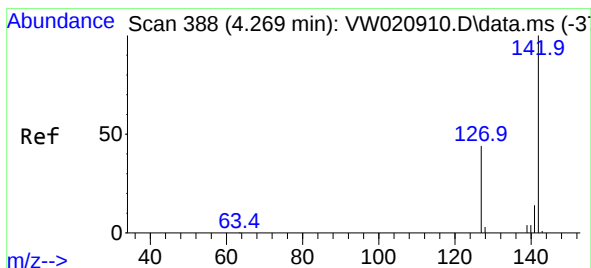
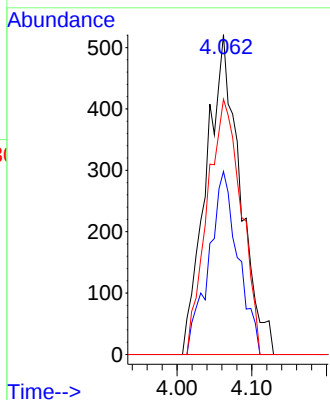
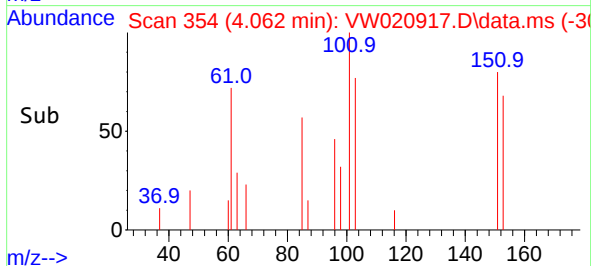
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



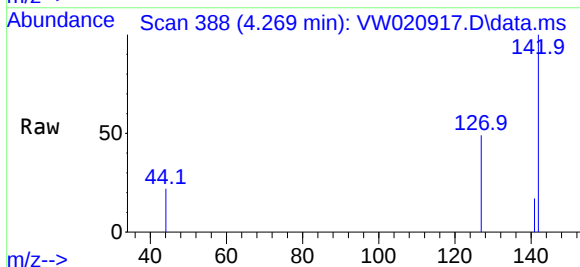
Tgt Ion:101 Resp: 164
Ion Ratio Lower Upper
101 100
85 49.4 36.6 54.8
151 80.0 66.3 99.5

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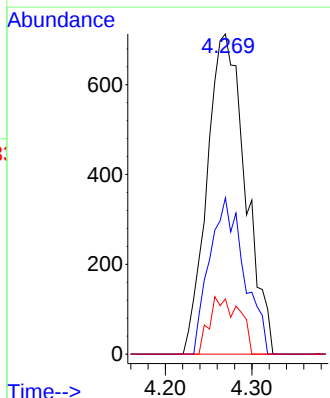
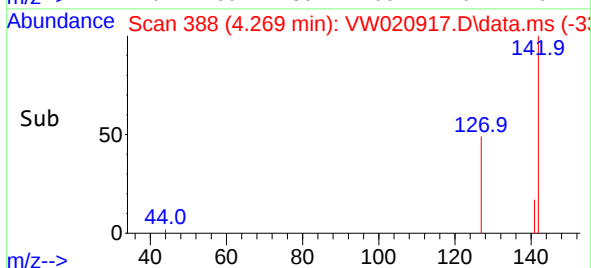
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

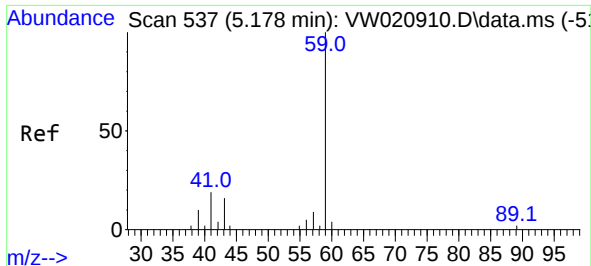


#10
Methyl Iodide
Concen: 2.242 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



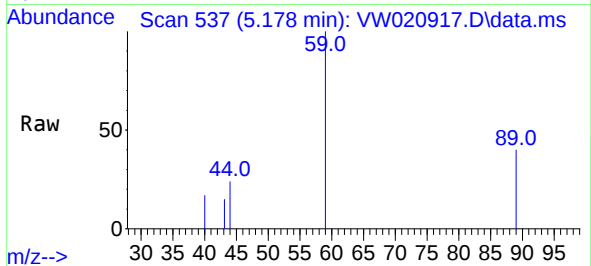
Tgt Ion:142 Resp: 2190
Ion Ratio Lower Upper
142 100
127 44.2 35.5 53.3
141 14.0 11.5 17.3





#11
Tert butyl alcohol
Concen: 10.817 ug/l m
RT: 5.178 min Scan# 51
Delta R.T. -0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

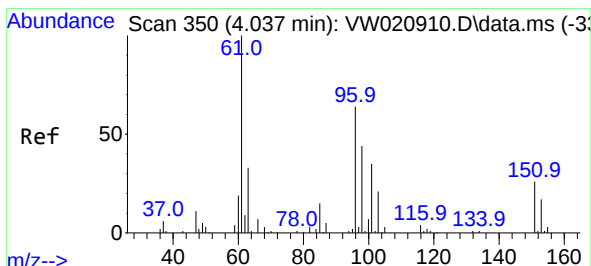
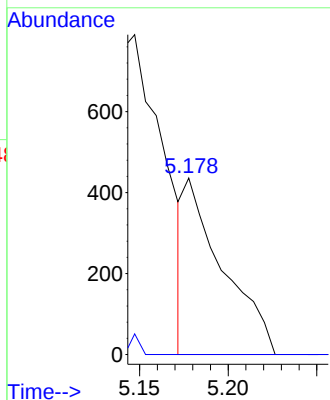
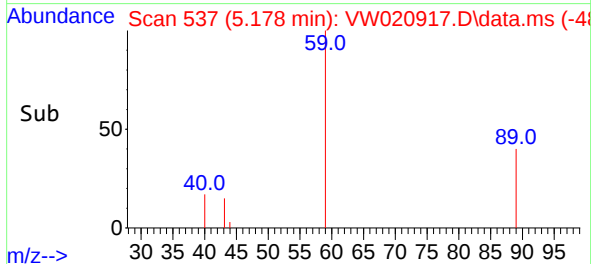
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



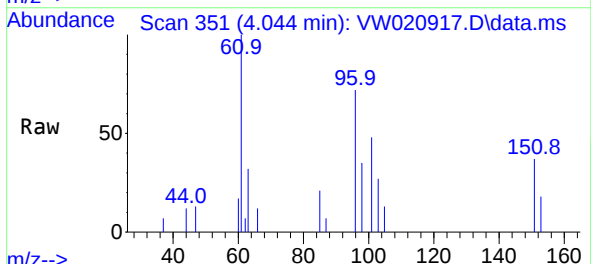
Tgt Ion: 59 Resp: 659
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5

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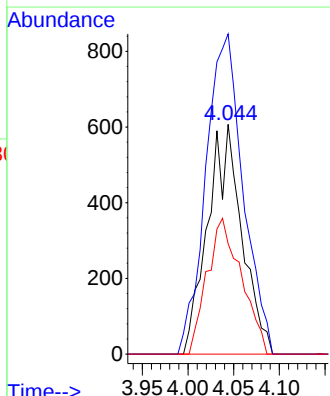
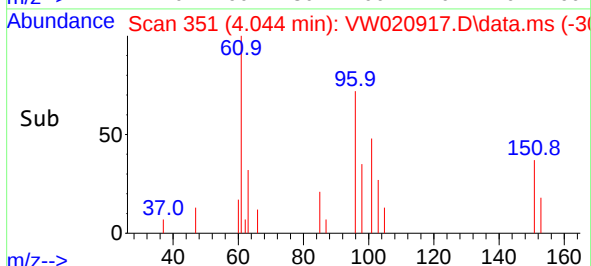
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

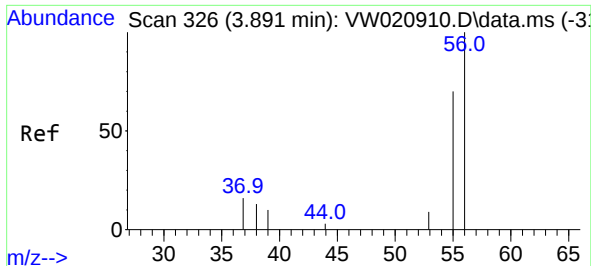


#12
1,1-Dichloroethene
Concen: 2.487 ug/l
RT: 4.044 min Scan# 351
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



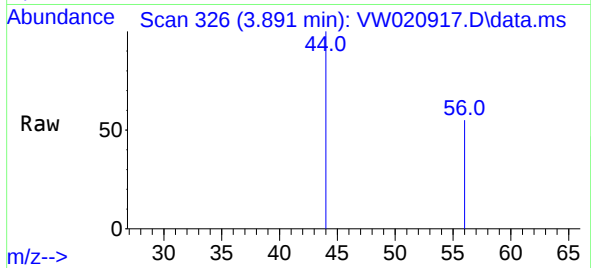
Tgt Ion: 96 Resp: 1578
Ion Ratio Lower Upper
96 100
61 139.4 124.4 186.6
98 48.1 54.2 81.2#





#13
Acrolein
Concen: 4.934 ug/l
RT: 3.891 min Scan# 31
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

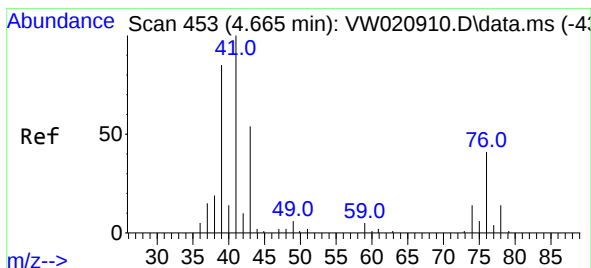
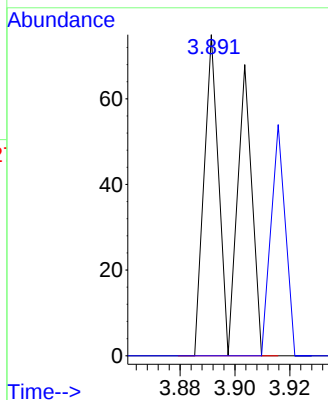
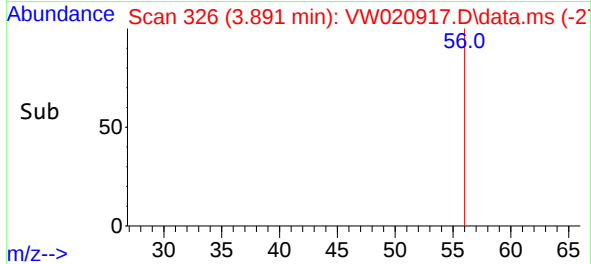
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 52
Ion Ratio Lower Upper
56 100
55 0.0 61.2 91.8

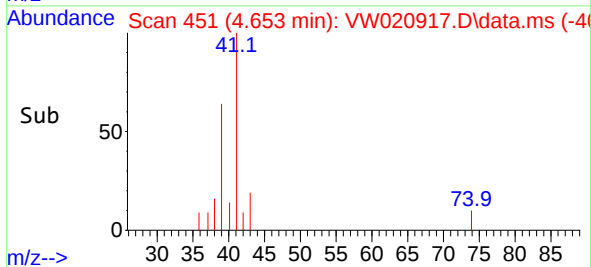
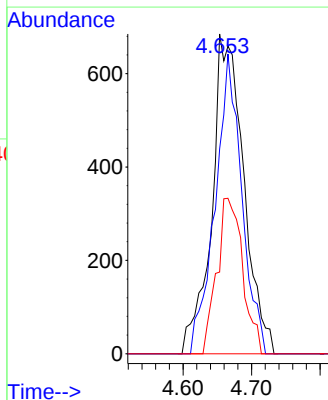
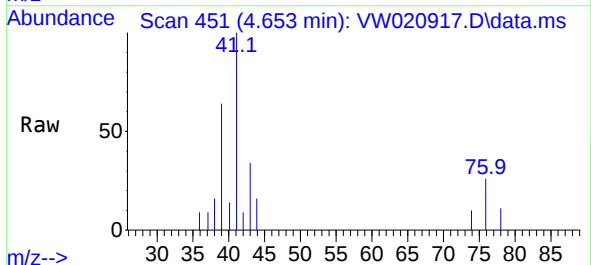
Manual Integrations
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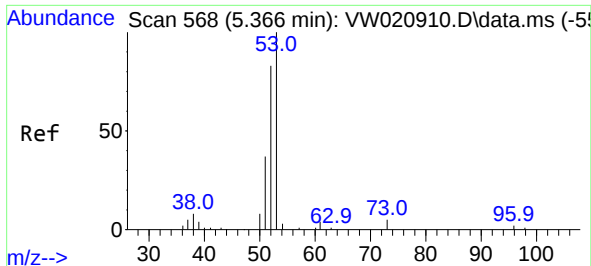
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#14
Allyl chloride
Concen: 2.422 ug/l
RT: 4.653 min Scan# 451
Delta R.T. -0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

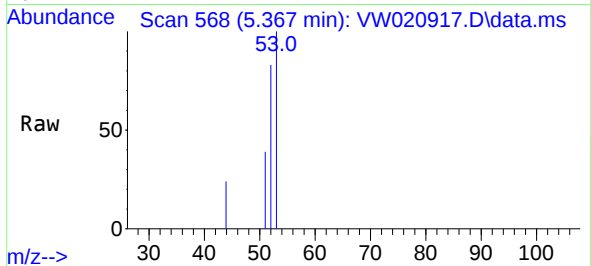
Tgt Ion: 41 Resp: 2206
Ion Ratio Lower Upper
41 100
39 78.6 63.4 95.2
76 39.3 32.2 48.4





#15
Acrylonitrile
Concen: 12.186 ug/l
RT: 5.367 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

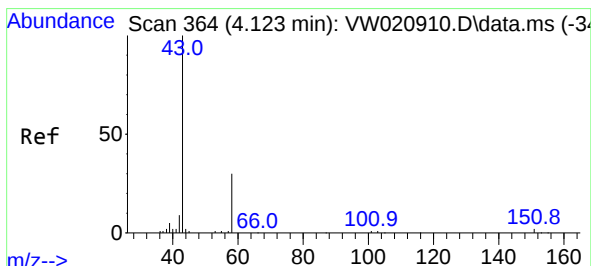
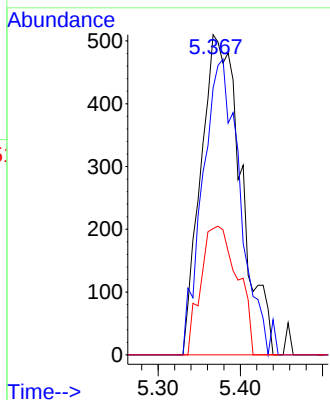
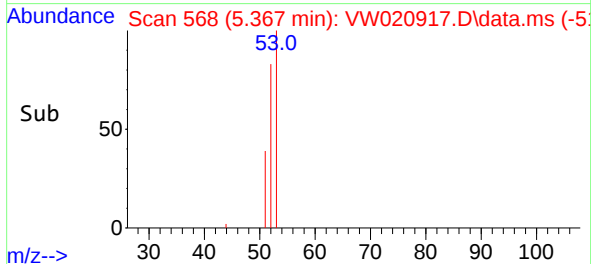
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 53 Resp: 1738
Ion Ratio Lower Upper
53 100
52 86.0 65.9 98.9
51 36.3 29.8 44.6

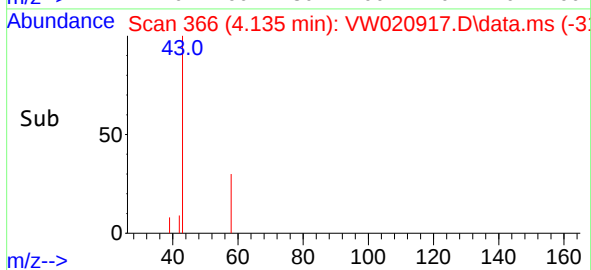
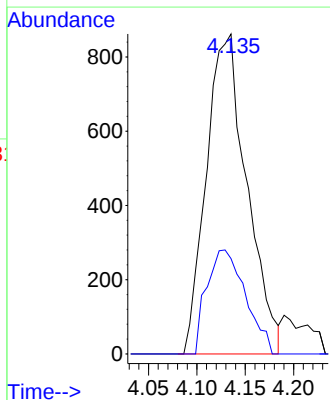
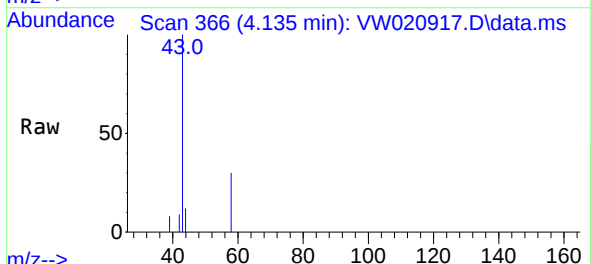
Manual Integrations
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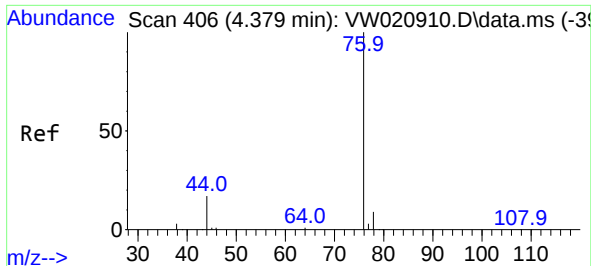
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#16
Acetone
Concen: 17.489 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

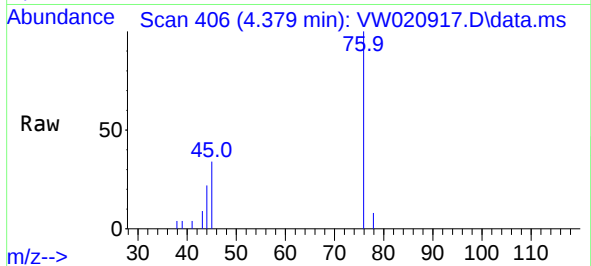
Tgt Ion: 43 Resp: 2514
Ion Ratio Lower Upper
43 100
58 29.8 24.2 36.2





#17
Carbon Disulfide
Concen: 2.399 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

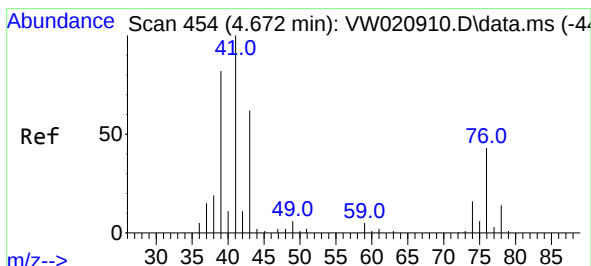
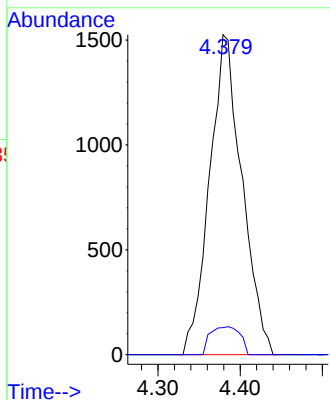
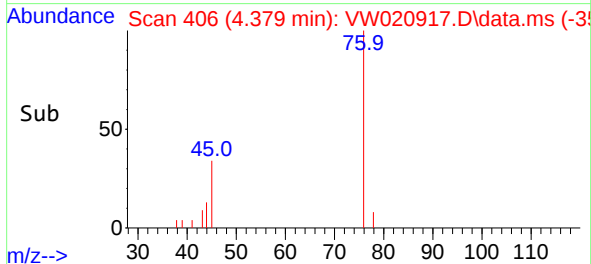
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



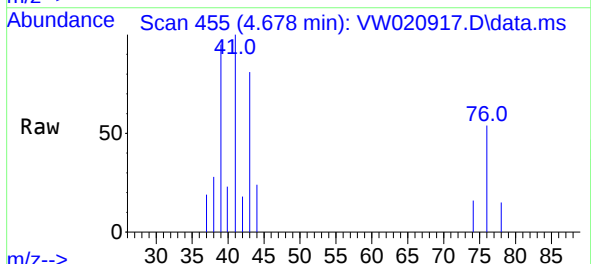
Tgt Ion: 76 Resp: 418
Ion Ratio Lower Upper
76 100
78 8.5 7.3 10.9

Manual Integrations
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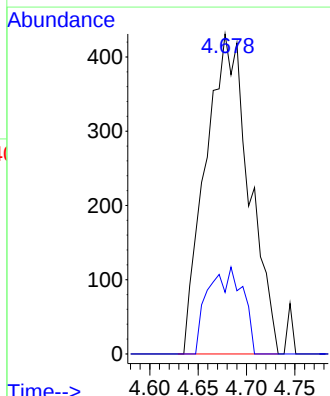
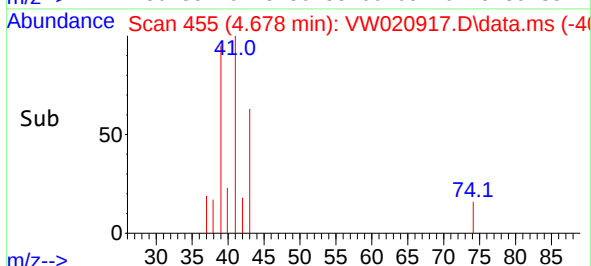
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

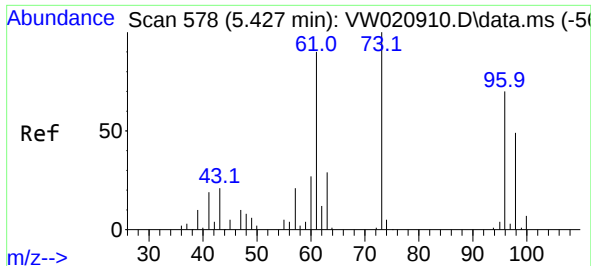


#18
Methyl Acetate
Concen: 2.689 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



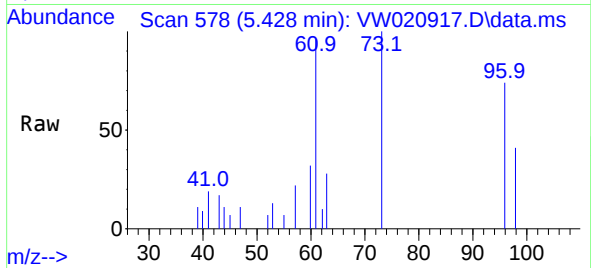
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
74 11.9 19.7 29.5#





#19
Methyl tert-butyl Ether
Concen: 2.616 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

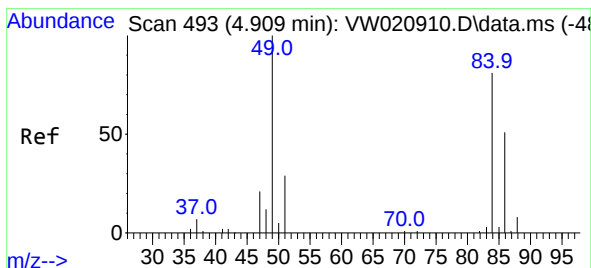
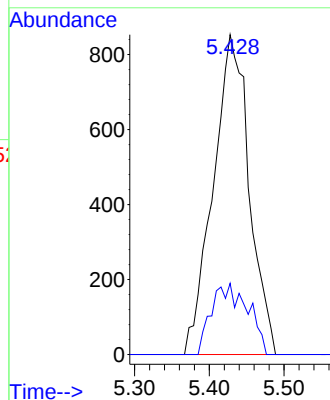
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 73 Resp: 2860
Ion Ratio Lower Upper
73 100
57 22.3 17.0 25.6

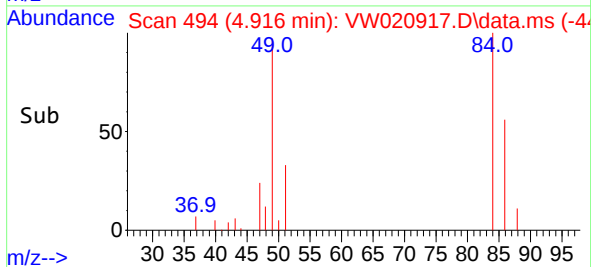
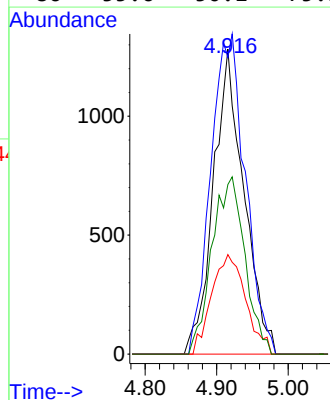
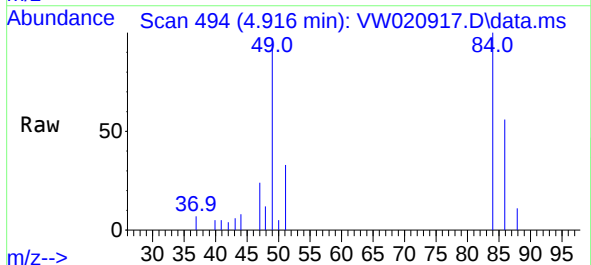
Manual Integrations
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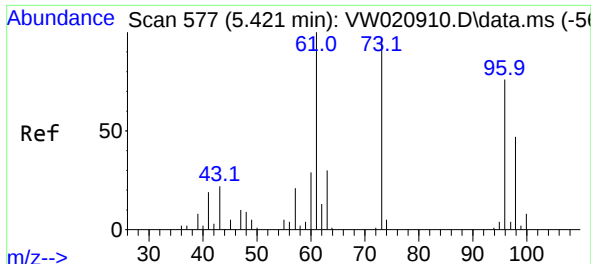
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#20
Methylene Chloride
Concen: 4.735 ug/l
RT: 4.916 min Scan# 494
Delta R.T. 0.007 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

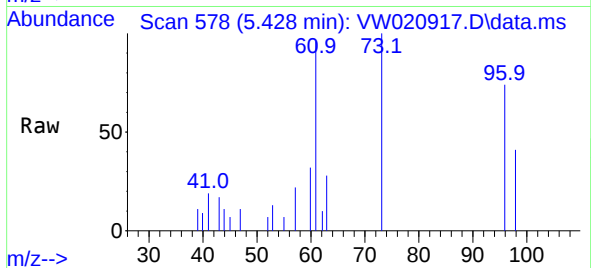
Tgt Ion: 84 Resp: 3802
Ion Ratio Lower Upper
84 100
49 97.3 99.1 148.7#
51 32.6 28.8 43.2
86 55.6 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 2.433 ug/l
RT: 5.428 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

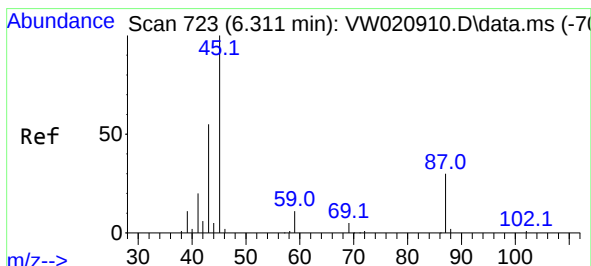
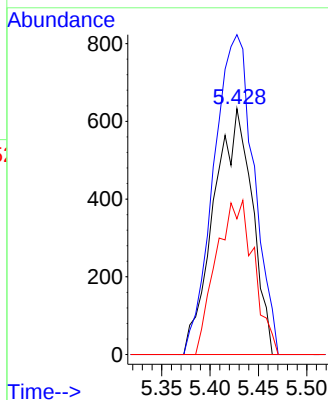
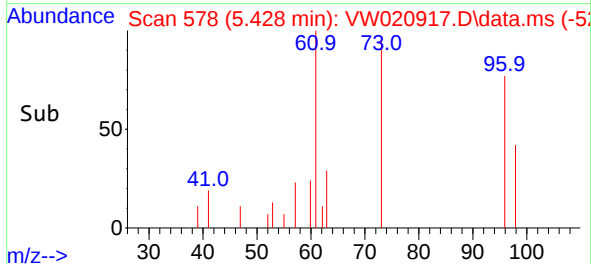
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 96 Resp: 175
Ion Ratio Lower Upper
96 100
61 130.0 105.7 158.5
98 55.1 49.7 74.5

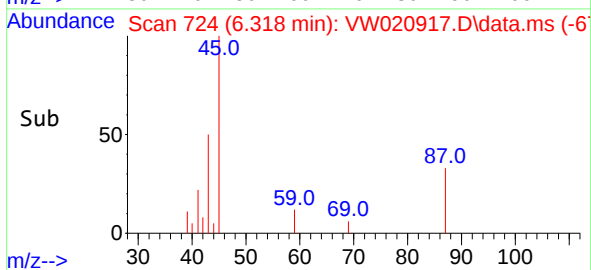
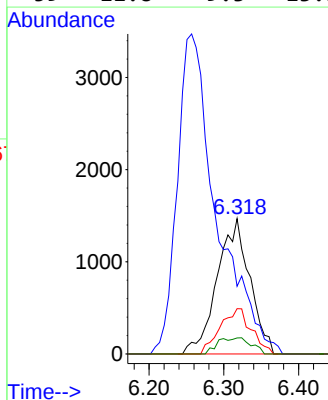
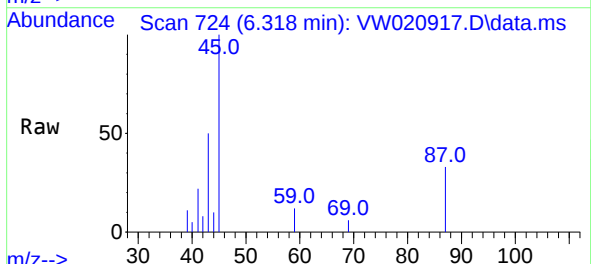
Manual Integrations
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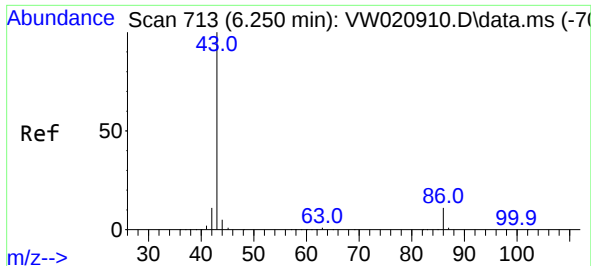
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#22
Diisopropyl ether
Concen: 2.379 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 45 Resp: 4446
Ion Ratio Lower Upper
45 100
43 44.3 46.2 69.4#
87 33.5 25.0 37.6
59 11.8 9.3 13.9





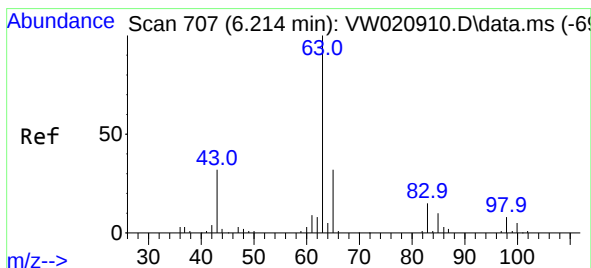
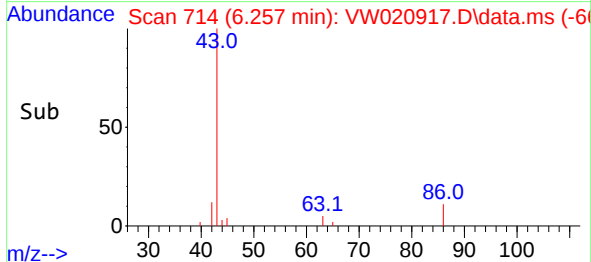
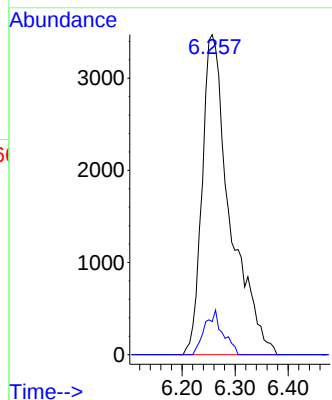
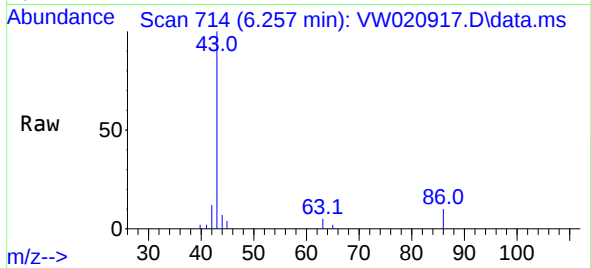
#23
Vinyl Acetate
Concen: 11.604 ug/l
RT: 6.257 min Scan# 713
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 43 Resp: 12692
Ion Ratio Lower Upper
43 100
86 10.3 9.2 13.8

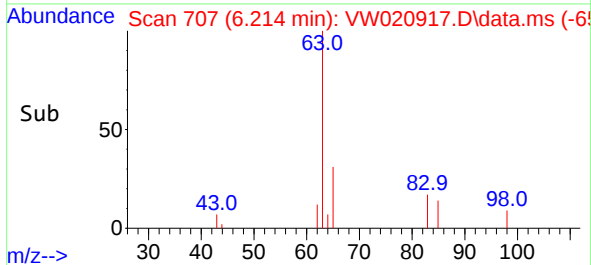
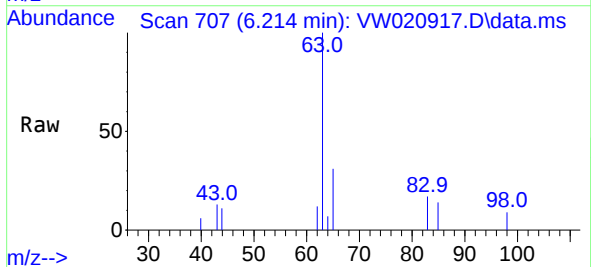
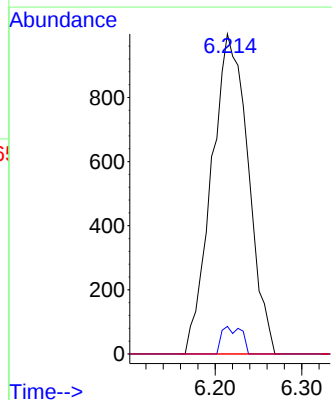
Manual Integrations
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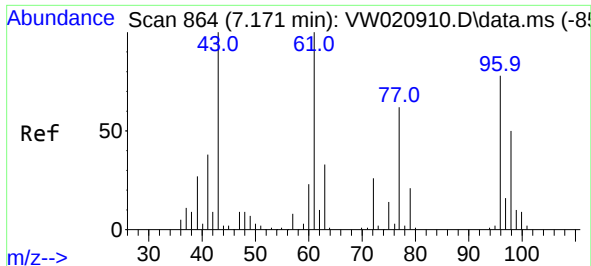
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#24
1,1-Dichloroethane
Concen: 2.470 ug/l
RT: 6.214 min Scan# 707
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

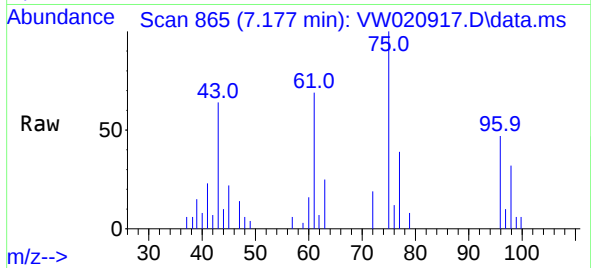
Tgt Ion: 63 Resp: 2937
Ion Ratio Lower Upper
63 100
98 8.6 4.0 12.2
100 0.0 2.6 8.0





#25
2-Butanone
Concen: 14.895 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

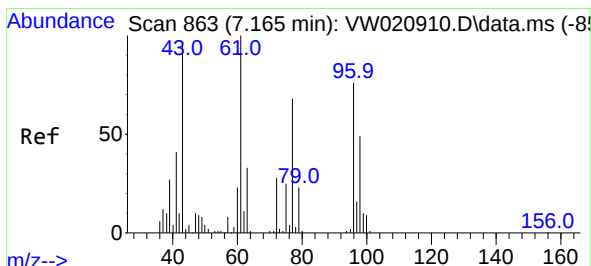
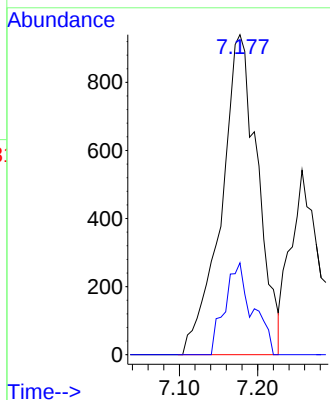
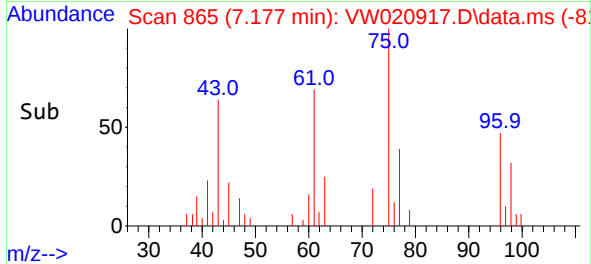
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



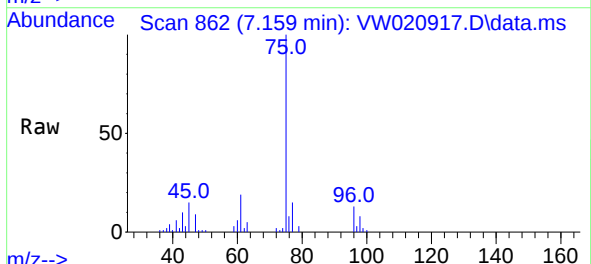
Tgt Ion: 43 Resp: 304
Ion Ratio Lower Upper
43 100
72 28.7 20.7 31.1

Manual Integrations
APPROVED

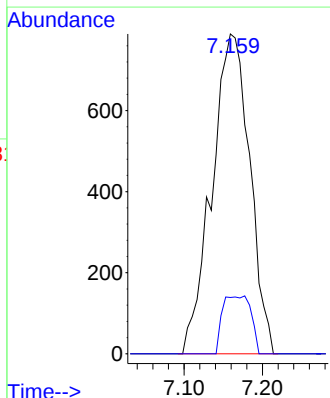
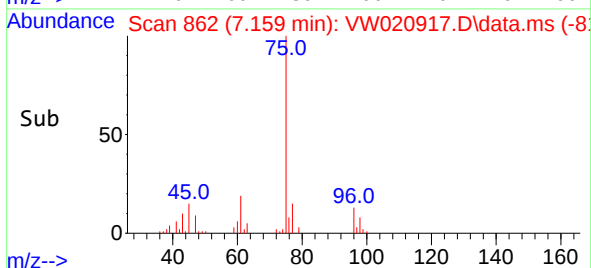
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

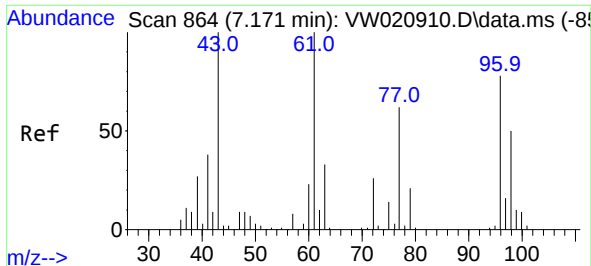


#26
2,2-Dichloropropane
Concen: 3.138 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



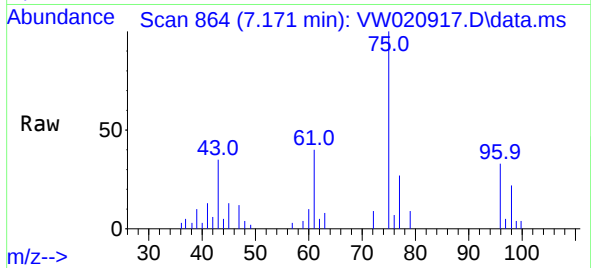
Tgt Ion: 77 Resp: 2648
Ion Ratio Lower Upper
77 100
97 13.6 11.7 35.1





#27
cis-1,2-Dichloroethene
Concen: 2.698 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

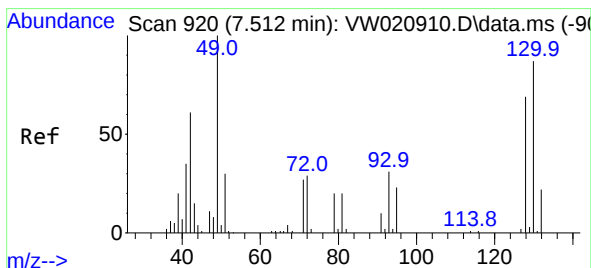
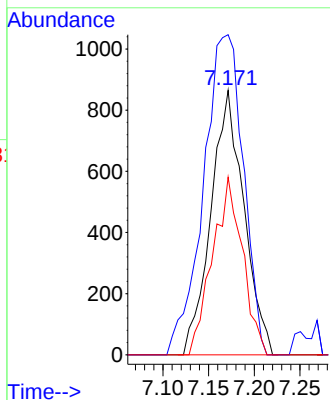
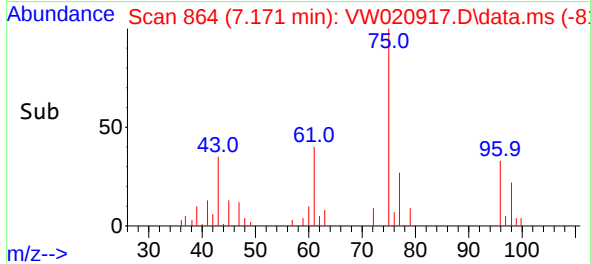
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 96 Resp: 217
Ion Ratio Lower Upper
96 100
61 146.1 0.0 266.6
98 61.0 0.0 129.4

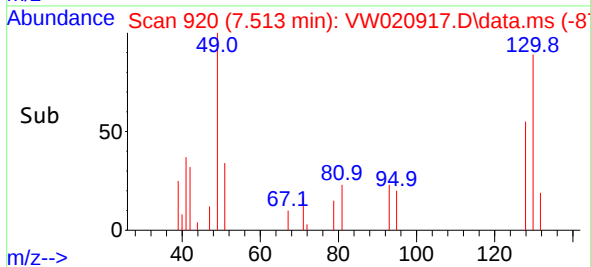
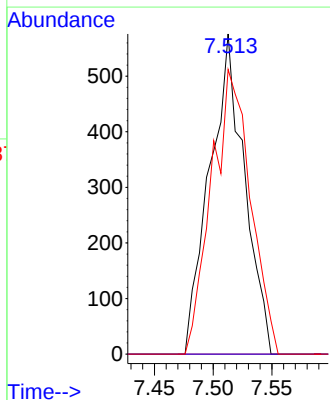
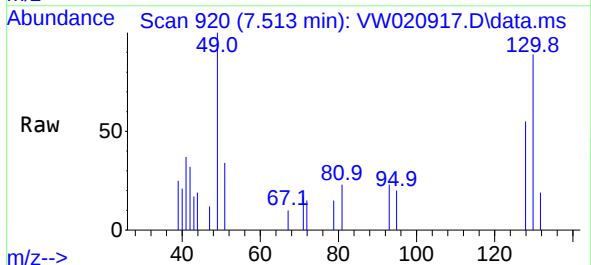
Manual Integrations
APPROVED

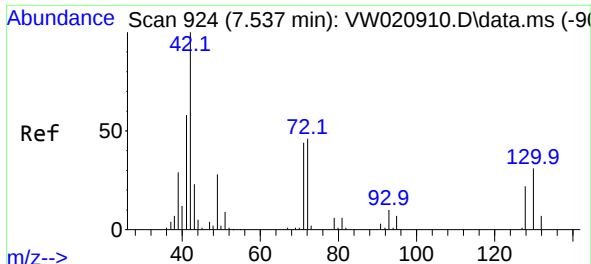
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#28
Bromochloromethane
Concen: 2.351 ug/l
RT: 7.513 min Scan# 920
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

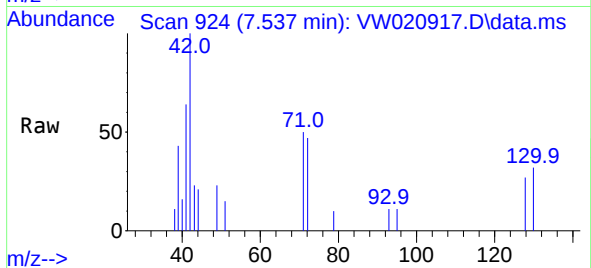
Tgt Ion: 49 Resp: 1183
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.4
130 99.7 70.8 106.2





#29
Tetrahydrofuran
Concen: 12.511 ug/l
RT: 7.537 min Scan# 912
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

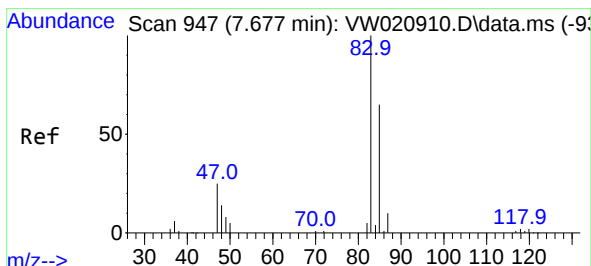
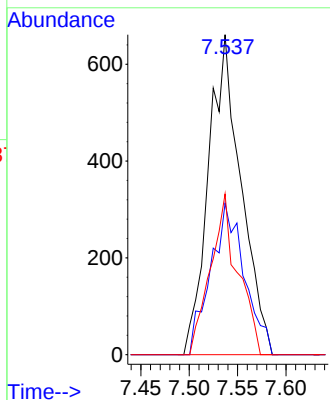
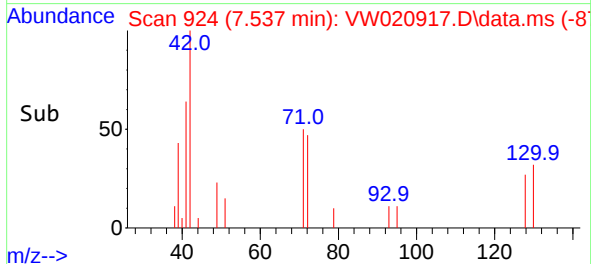
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



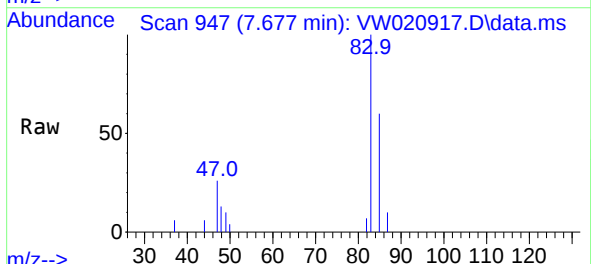
Tgt Ion: 42 Resp: 1549
Ion Ratio Lower Upper
42 100
72 49.1 37.4 56.0
71 42.3 34.7 52.1

Manual Integrations
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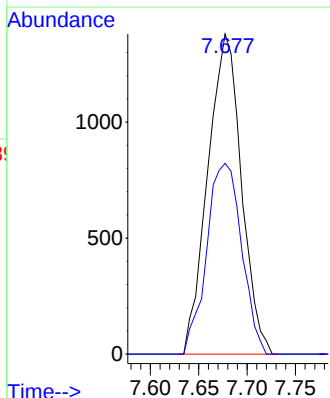
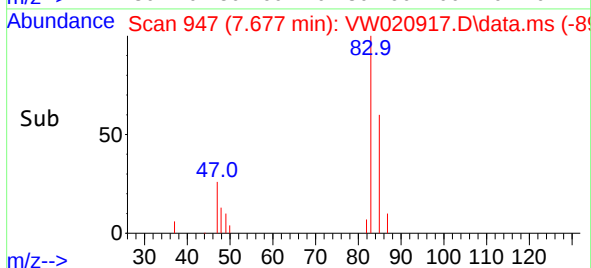
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

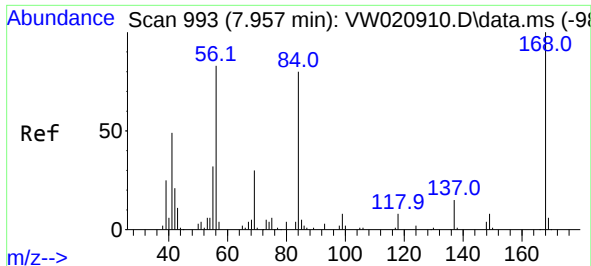


#30
Chloroform
Concen: 2.544 ug/l
RT: 7.677 min Scan# 947
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



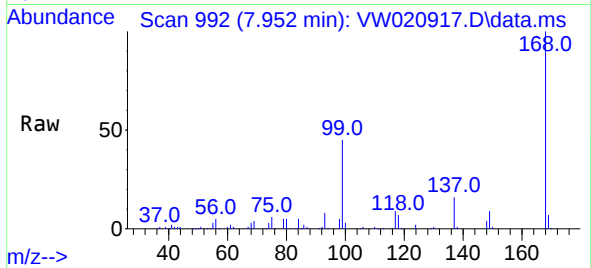
Tgt Ion: 83 Resp: 3328
Ion Ratio Lower Upper
83 100
85 59.6 51.7 77.5





#31
Cyclohexane
Concen: 3.631 ug/l
RT: 7.952 min Scan# 993
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

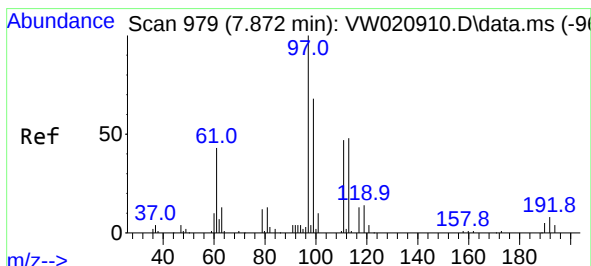
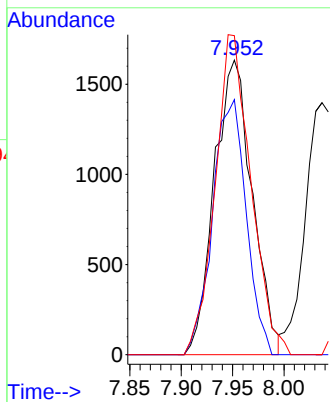
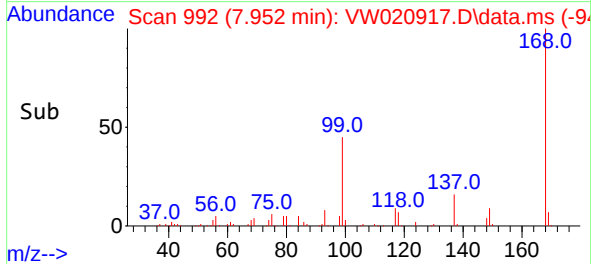
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 4189
Ion Ratio Lower Upper
56 100
69 86.6 28.7 43.1
84 108.3 77.6 116.4

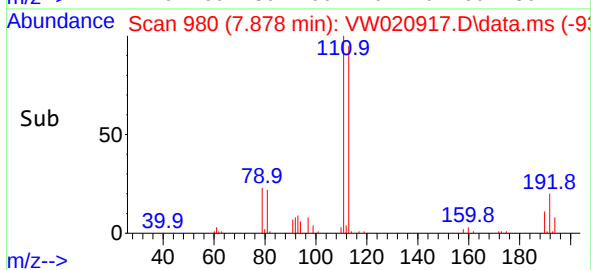
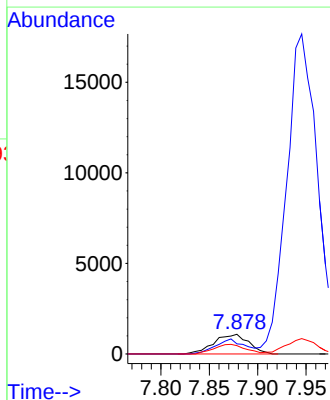
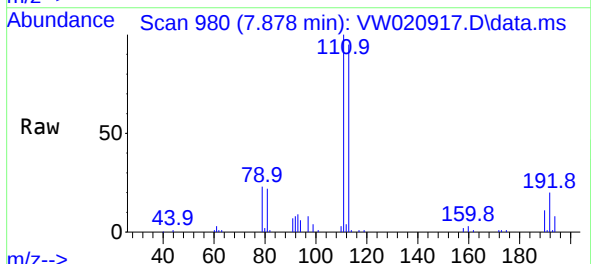
Manual Integrations
APPROVED

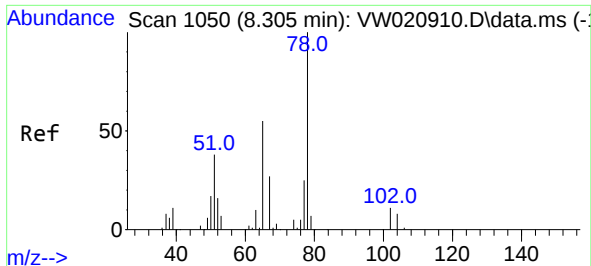
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#32
1,1,1-Trichloroethane
Concen: 2.467 ug/l
RT: 7.878 min Scan# 980
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion: 97 Resp: 2725
Ion Ratio Lower Upper
97 100
99 62.6 52.0 78.0
61 44.0 34.2 51.2





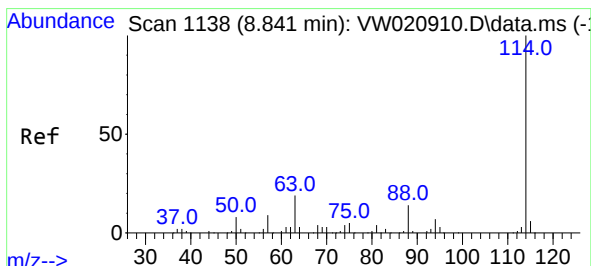
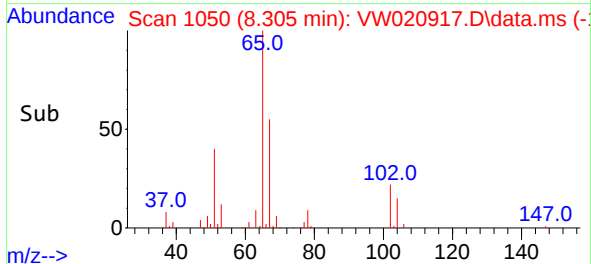
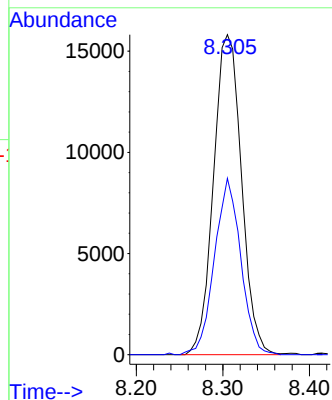
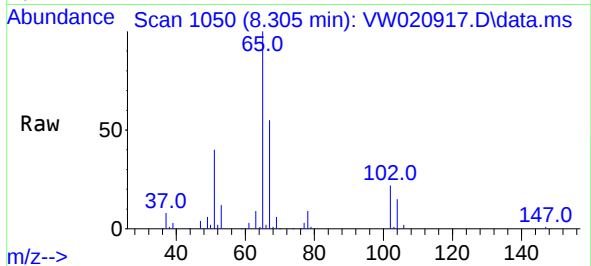
#33
1,2-Dichloroethane-d4
Concen: 51.365 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 65 Resp: 35520
Ion Ratio Lower Upper
65 100
67 51.8 0.0 100.2

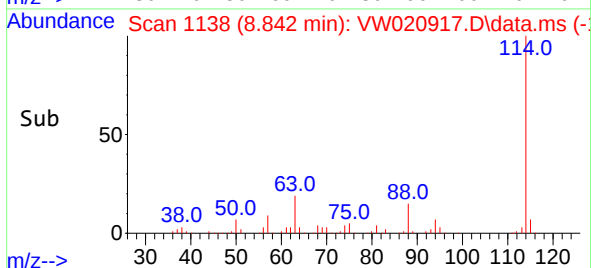
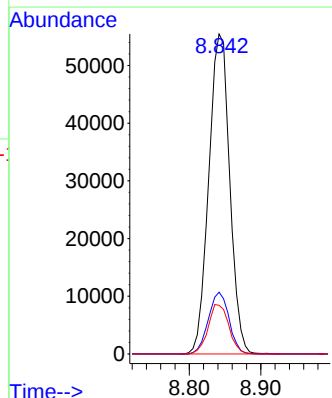
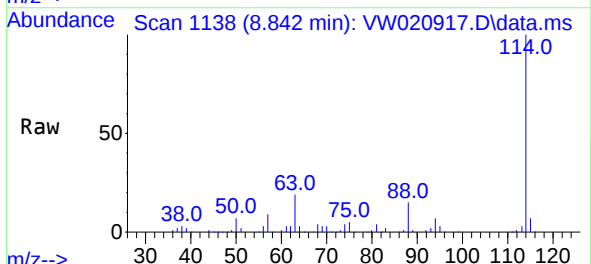
Manual Integrations
APPROVED

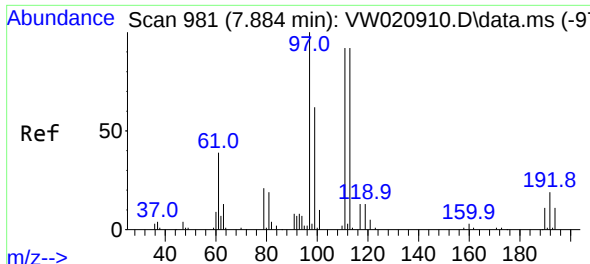
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

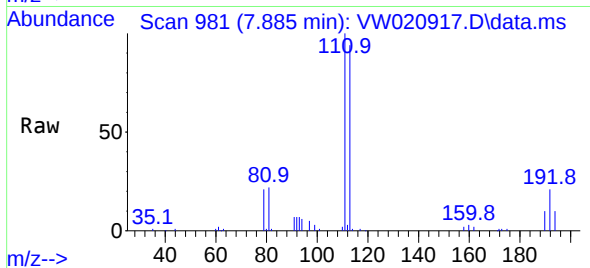
Tgt Ion:114 Resp: 112875
Ion Ratio Lower Upper
114 100
63 19.3 0.0 37.2
88 15.2 0.0 28.8





#35
Dibromofluoromethane
Concen: 49.383 ug/l
RT: 7.885 min Scan# 91
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

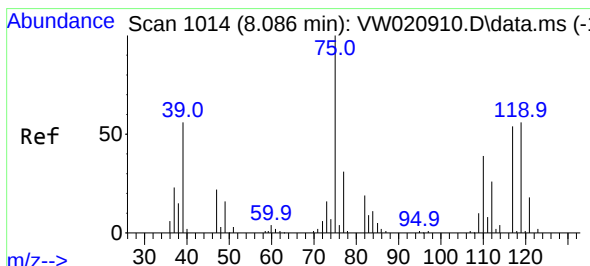
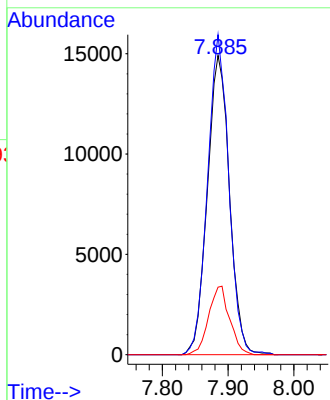
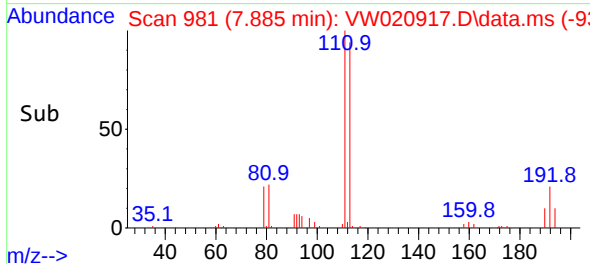
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



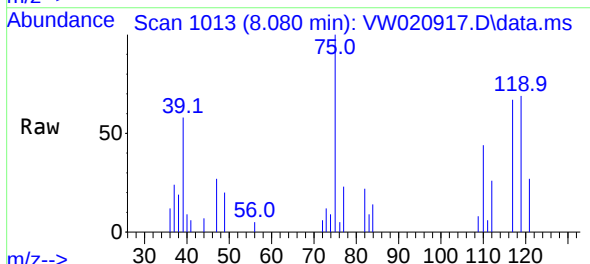
Tgt Ion:113 Resp: 3496
Ion Ratio Lower Upper
113 100
111 102.5 81.2 121.8
192 21.7 16.8 25.2

Manual Integrations
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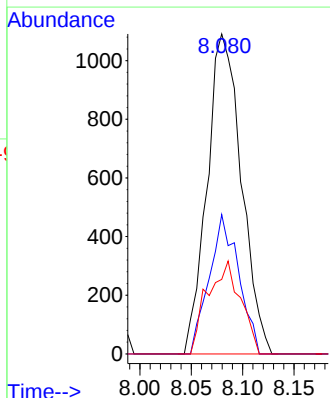
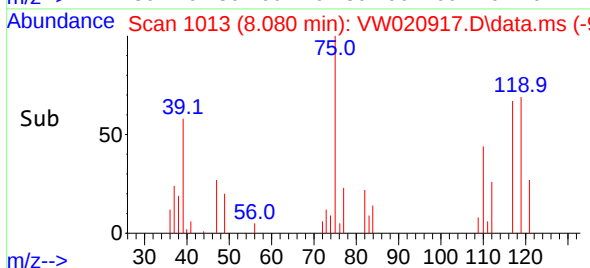
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

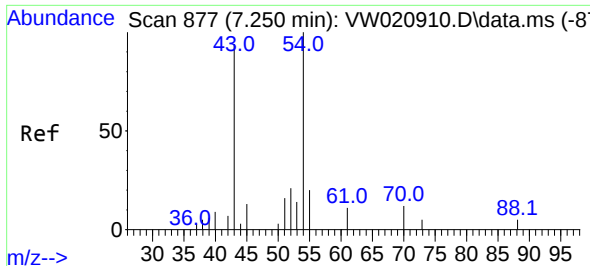


#36
1,1-Dichloropropene
Concen: 2.498 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



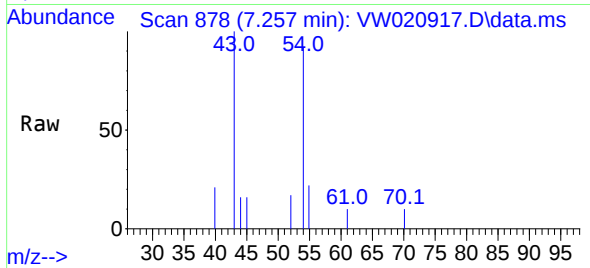
Tgt Ion: 75 Resp: 2533
Ion Ratio Lower Upper
75 100
110 37.4 19.1 57.5
77 27.9 24.8 37.2





#37
Ethyl Acetate
Concen: 2.917 ug/l
RT: 7.257 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

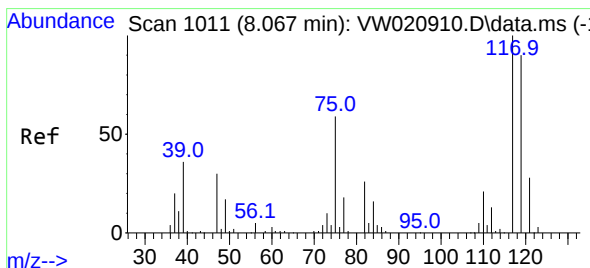
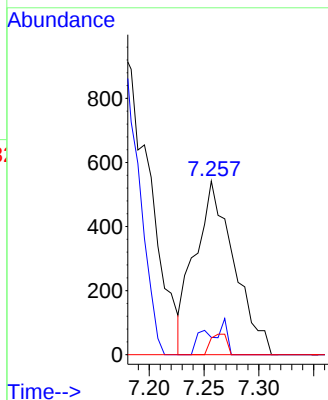
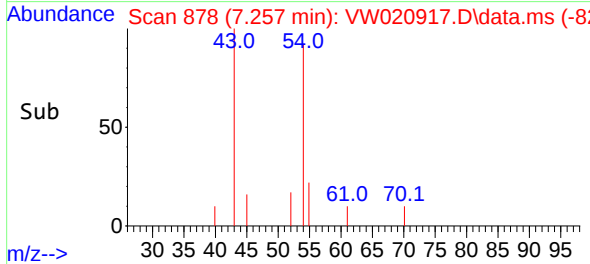
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



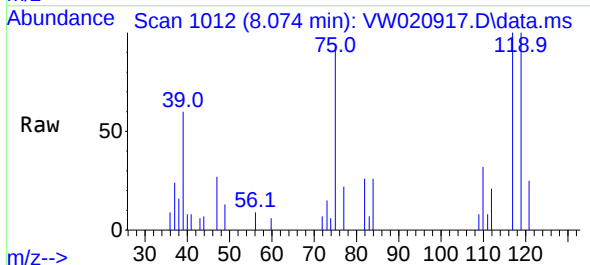
Tgt Ion: 43 Resp: 1349
Ion Ratio Lower Upper
43 100
61 9.9 11.3 16.9
70 4.9 9.2 13.8

Manual Integrations
APPROVED

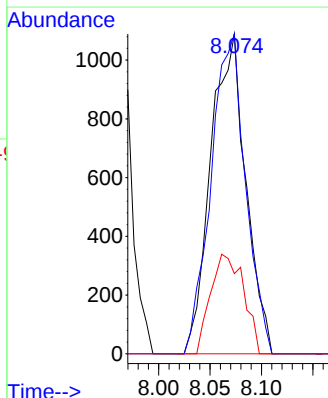
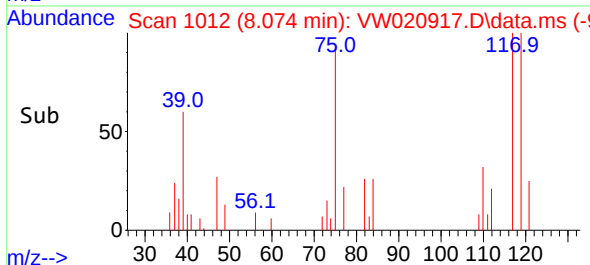
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

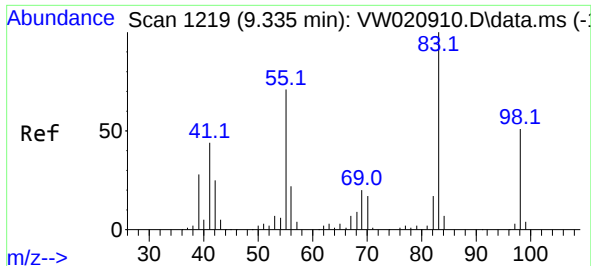


#38
Carbon Tetrachloride
Concen: 2.390 ug/l
RT: 8.074 min Scan# 1012
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion:117 Resp: 2578
Ion Ratio Lower Upper
117 100
119 100.1 72.0 108.0
121 25.1 22.6 33.8





#39

Methylcyclohexane

Concen: 2.533 ug/l

RT: 9.336 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

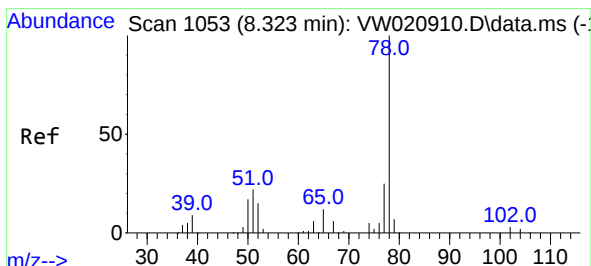
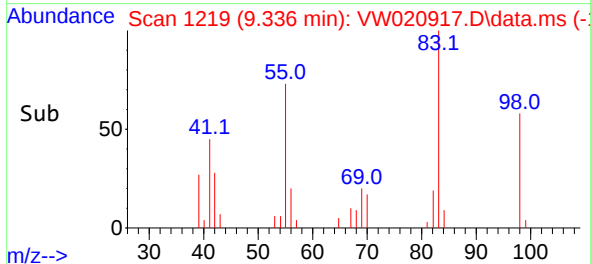
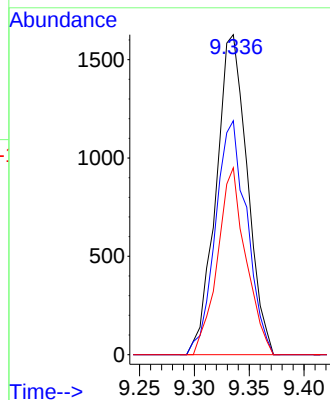
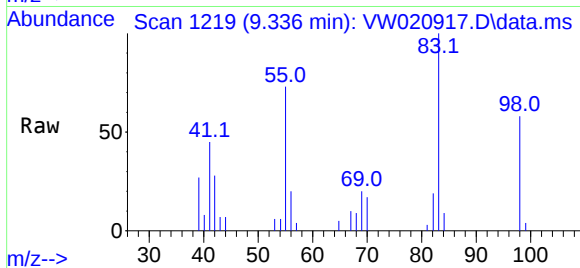
Tgt Ion: 83 Resp: 3225

Ion	Ratio	Lower	Upper
83	100		
55	73.1	56.6	85.0
98	58.4	41.0	61.4

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#40

Benzene

Concen: 3.026 ug/l

RT: 8.323 min Scan# 1053

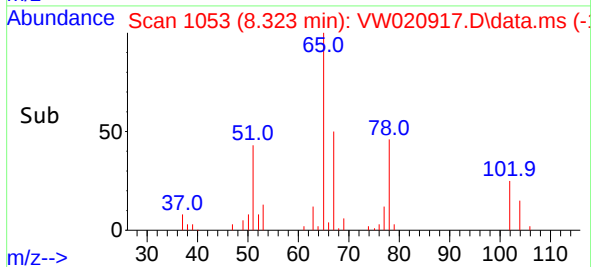
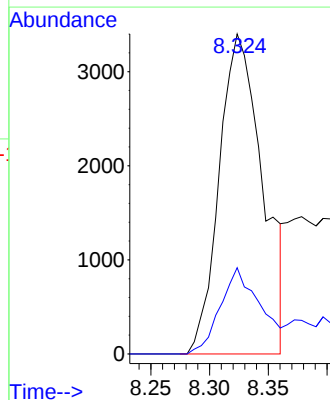
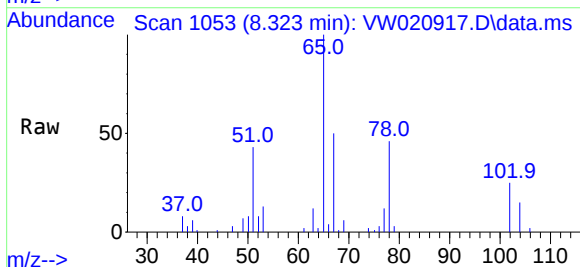
Delta R.T. 0.000 min

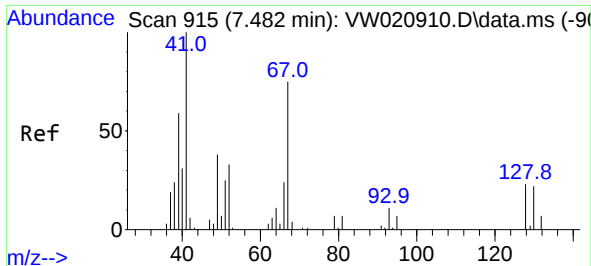
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion: 78 Resp: 8749

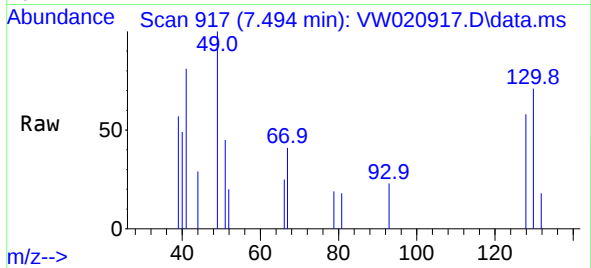
Ion	Ratio	Lower	Upper
78	100		
77	27.0	20.0	30.0





#41
Methacrylonitrile
Concen: 2.121 ug/l
RT: 7.494 min Scan# 915
Delta R.T. 0.012 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

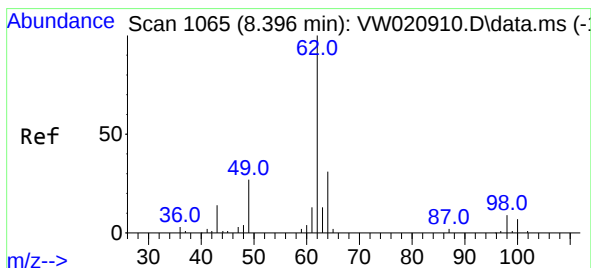
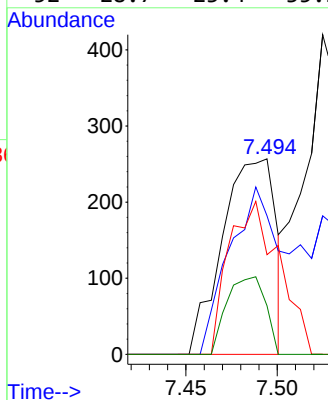
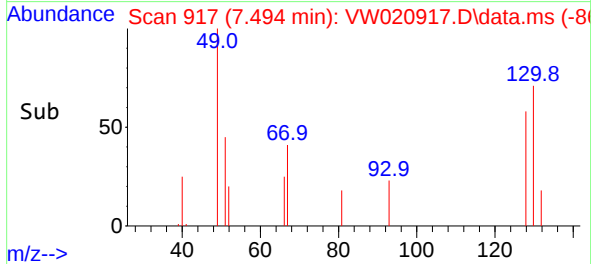
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 41 Resp: 520
Ion Ratio Lower Upper
41 100
39 81.3 42.9 64.3
67 73.6 56.2 84.4
52 28.7 23.4 35.2

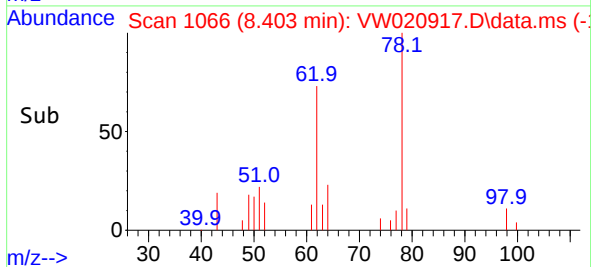
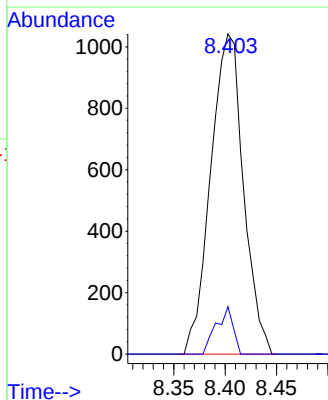
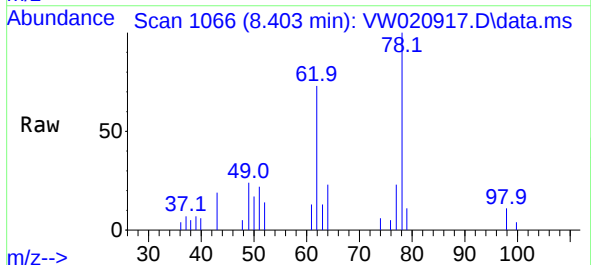
Manual Integrations
APPROVED

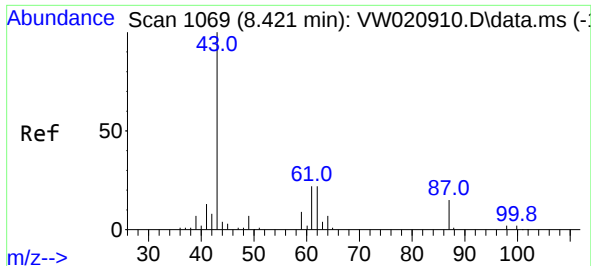
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#42
1,2-Dichloroethane
Concen: 2.636 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

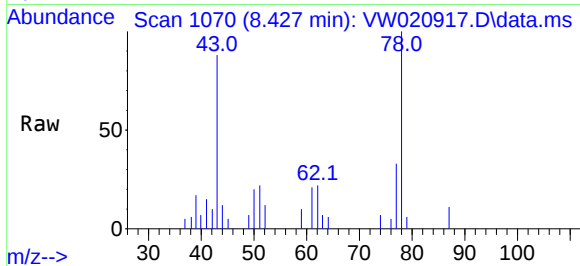
Tgt Ion: 62 Resp: 2312
Ion Ratio Lower Upper
62 100
98 7.6 0.0 19.0





#43
Isopropyl Acetate
Concen: 2.388 ug/l
RT: 8.427 min Scan# 1069
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

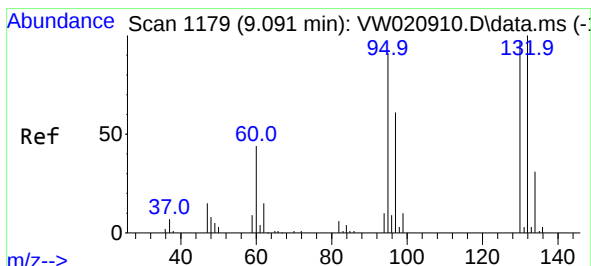
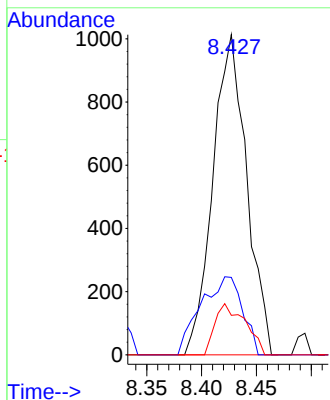
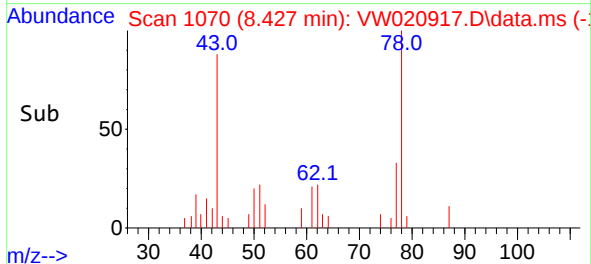
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 2168
Ion Ratio Lower Upper
43 100
61 30.1 23.7 35.5
87 14.3 11.5 17.3

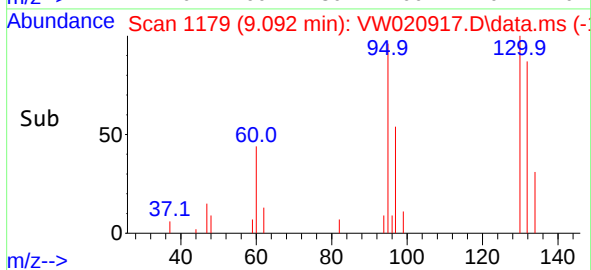
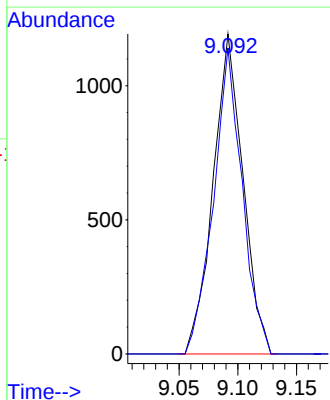
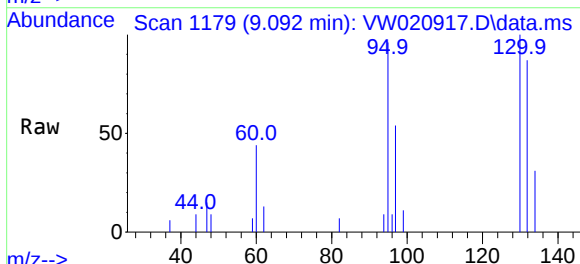
Manual Integrations
APPROVED

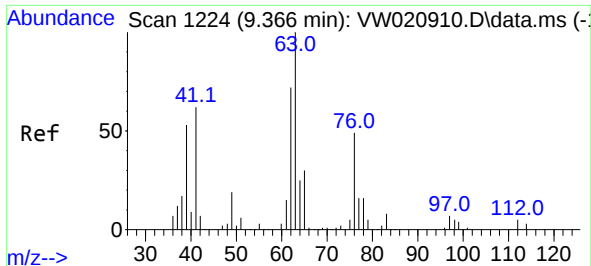
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#44
Trichloroethene
Concen: 2.501 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:130 Resp: 2110
Ion Ratio Lower Upper
130 100
95 95.6 0.0 186.6





#45

1,2-Dichloropropane

Concen: 2.439 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

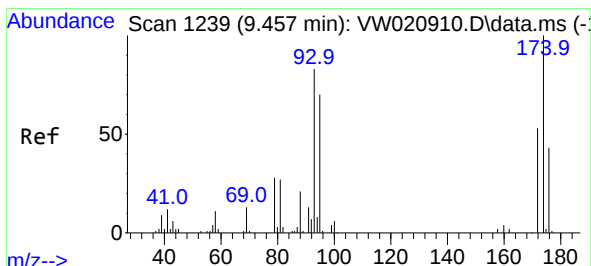
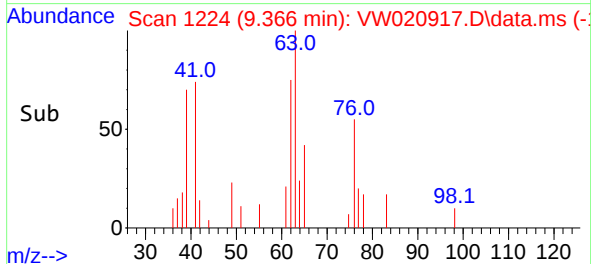
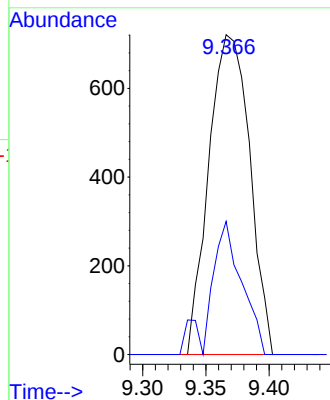
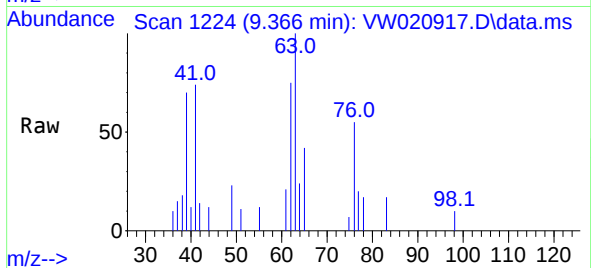
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 63 Resp: 1624
 Ion Ratio Lower Upper
 63 100
 65 41.6 23.8 35.6

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#46

Dibromomethane

Concen: 2.645 ug/l

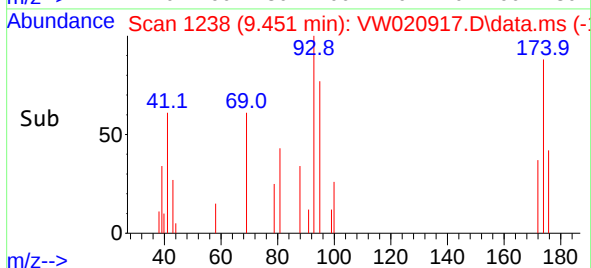
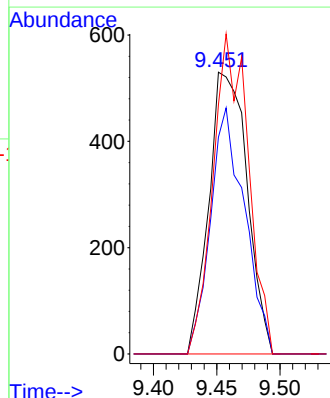
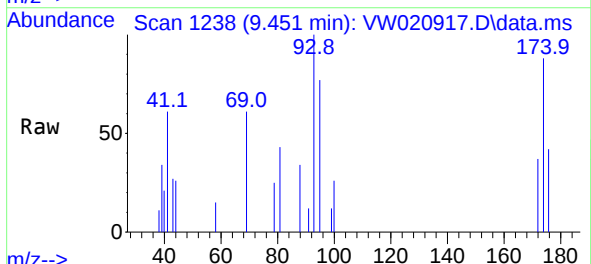
RT: 9.451 min Scan# 1238

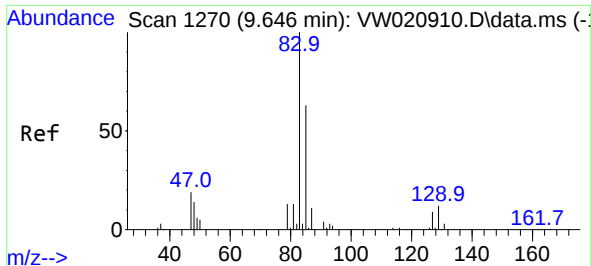
Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion: 93 Resp: 1116
 Ion Ratio Lower Upper
 93 100
 95 77.6 66.6 100.0
 174 104.2 91.1 136.7





#47

Bromodichloromethane

Concen: 2.385 ug/l

RT: 9.640 min Scan# 1270

Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

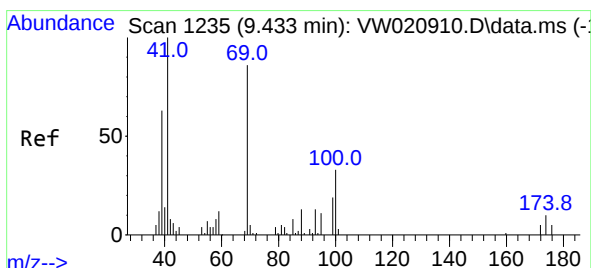
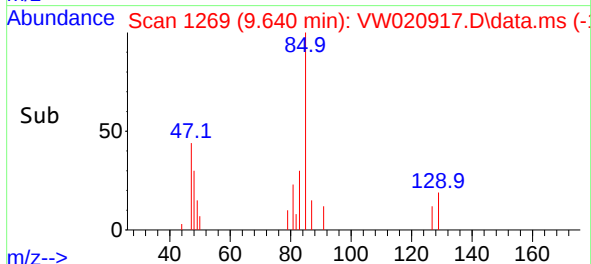
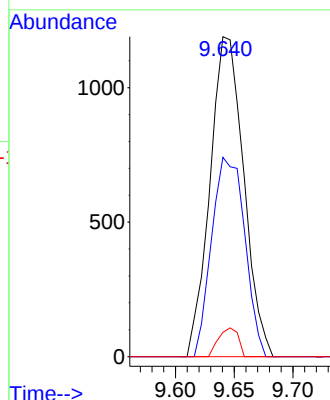
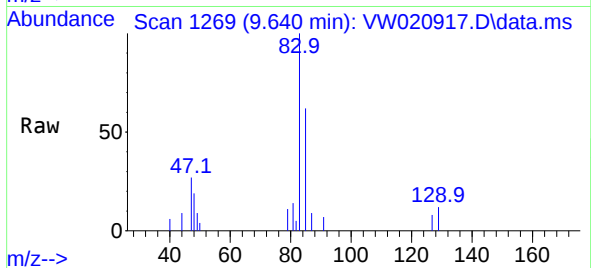
Tgt Ion:	83	Resp:	2380
Ion	Ratio	Lower	Upper
83	100		
85	62.3	50.3	75.5
127	7.6	7.1	10.7

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021

Supervised By :Mahesh Dadoda 11/18/2021



#48

Methyl methacrylate

Concen: 2.722 ug/l

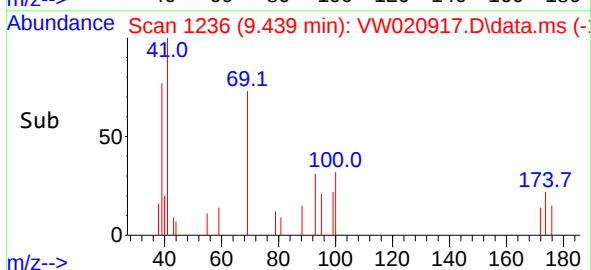
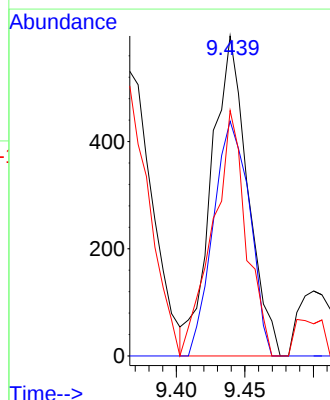
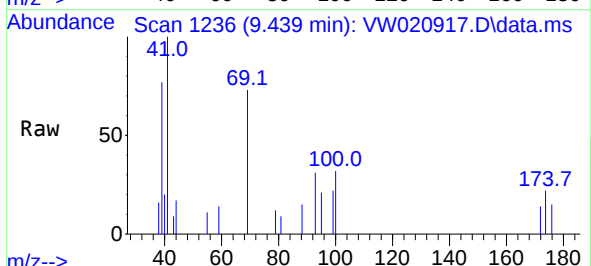
RT: 9.439 min Scan# 1236

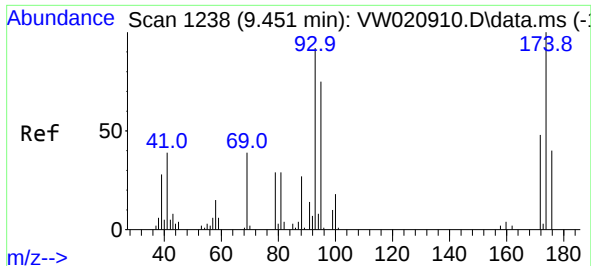
Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion:	41	Resp:	1099
Ion	Ratio	Lower	Upper
41	100		
69	73.6	72.9	109.3
39	70.8	54.2	81.4





#49

1,4-Dioxane

Concen: 57.906 ug/l

RT: 9.445 min Scan# 1237

Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

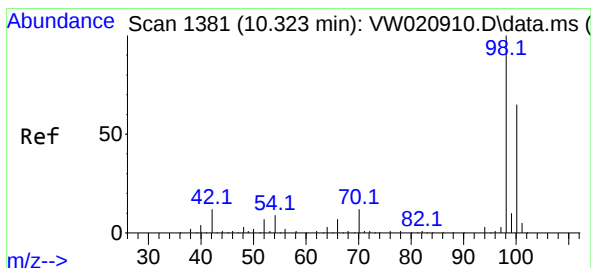
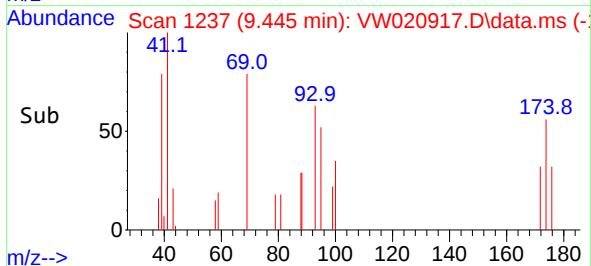
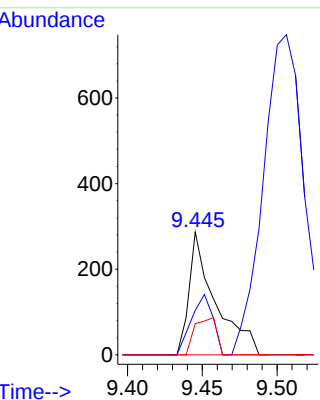
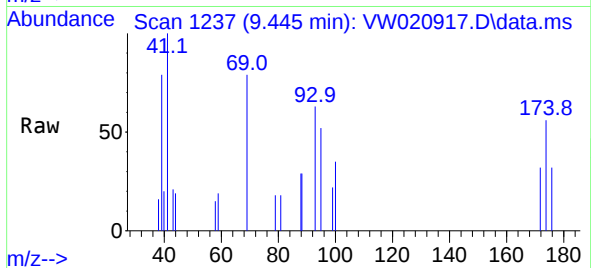
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 88	Resp: 352
Ion Ratio	Lower Upper
88	100
43	39.8 26.6 39.8
58	24.7 51.8 77.8

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#50

Toluene-d8

Concen: 49.455 ug/l

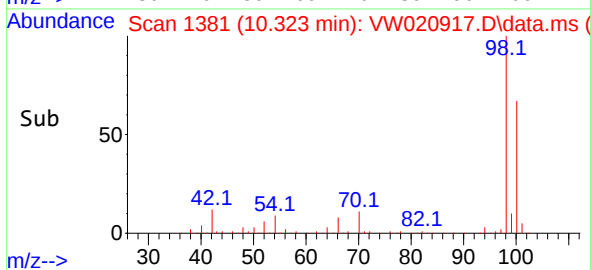
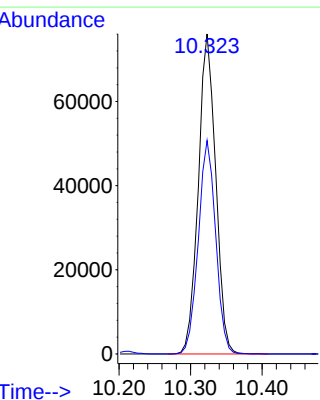
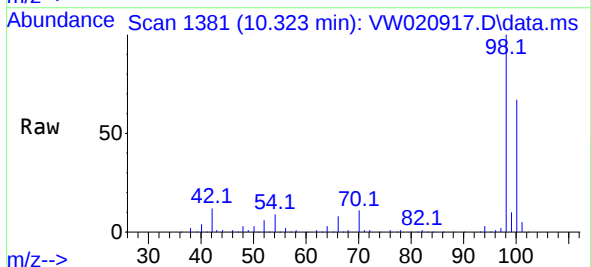
RT: 10.323 min Scan# 1381

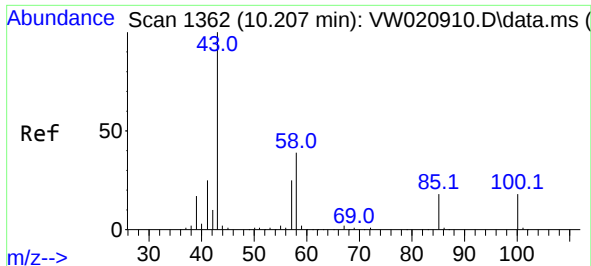
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion: 98	Resp: 128420
Ion Ratio	Lower Upper
98	100
100	66.6 52.6 79.0





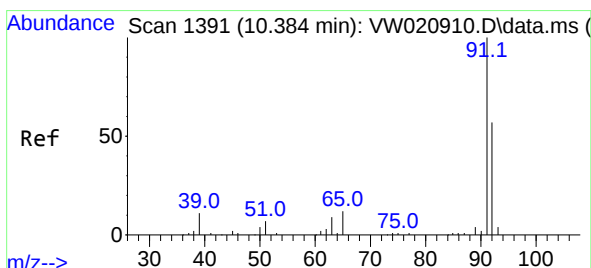
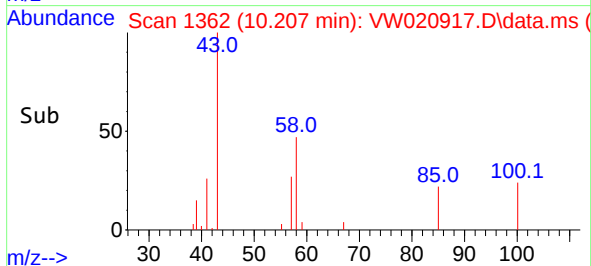
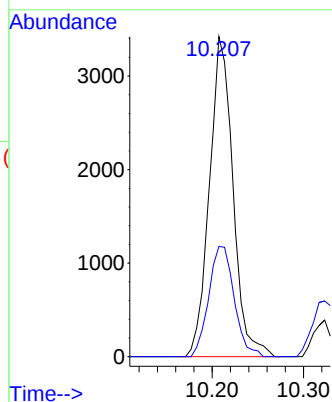
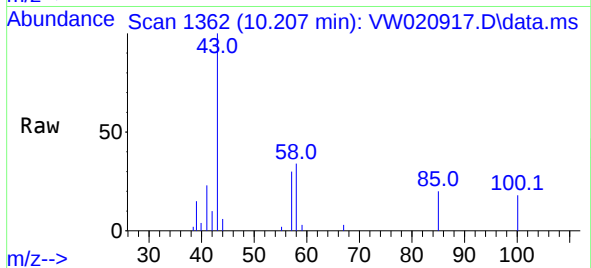
#51
4-Methyl-2-Pentanone
Concen: 13.244 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 43 Resp: 612
Ion Ratio Lower Upper
43 100
58 37.2 30.9 46.3

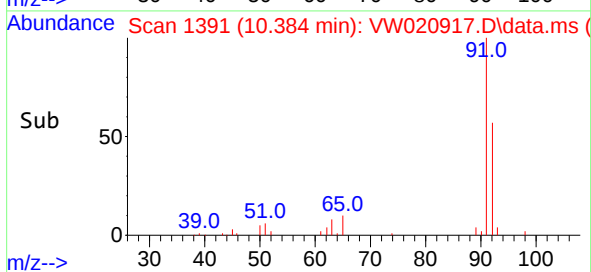
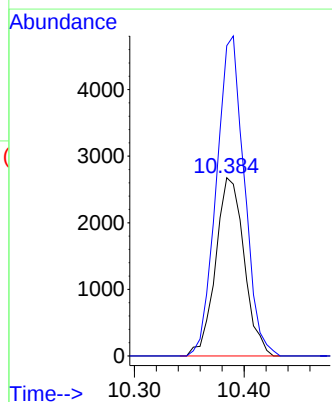
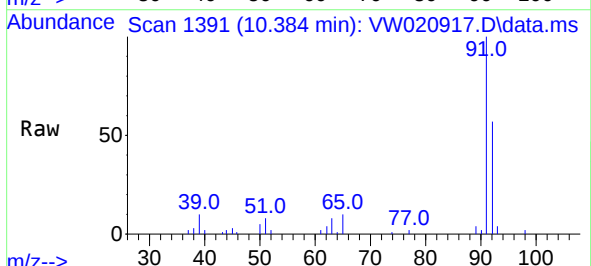
Manual Integrations
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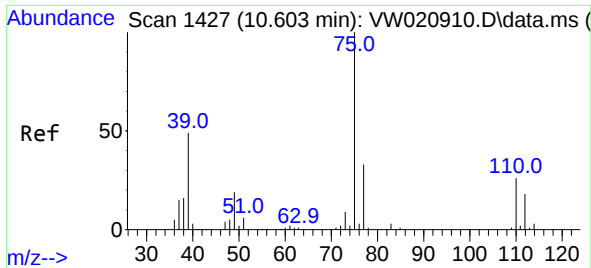
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#52
Toluene
Concen: 2.603 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

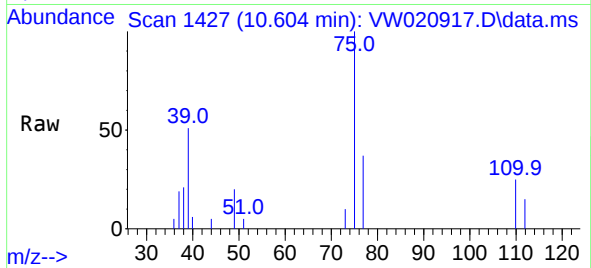
Tgt Ion: 92 Resp: 4837
Ion Ratio Lower Upper
92 100
91 175.9 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 2.158 ug/l
RT: 10.604 min Scan# 1427
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

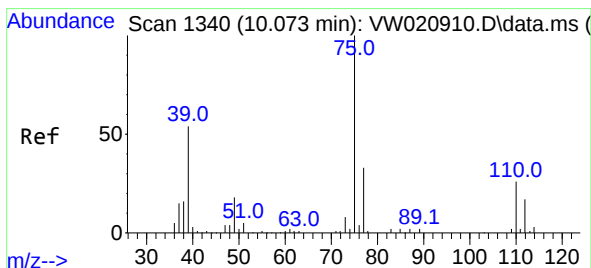
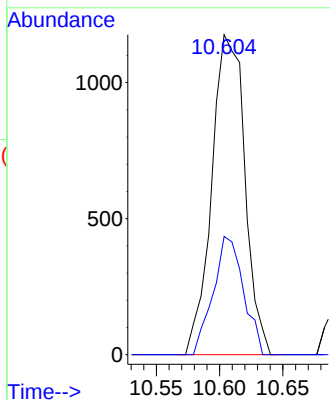
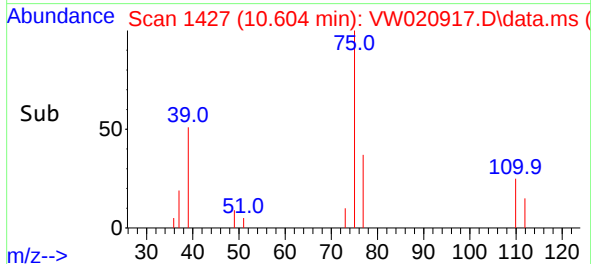
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



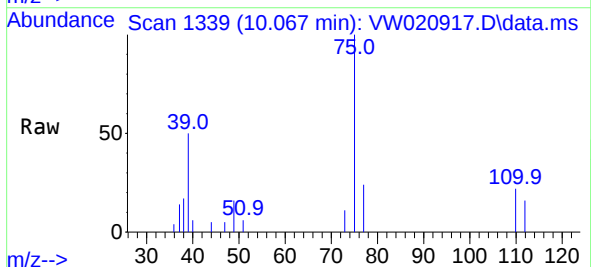
Tgt Ion: 75 Resp: 2139
Ion Ratio Lower Upper
75 100
77 37.0 26.1 39.1

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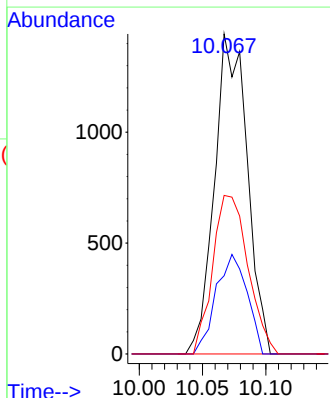
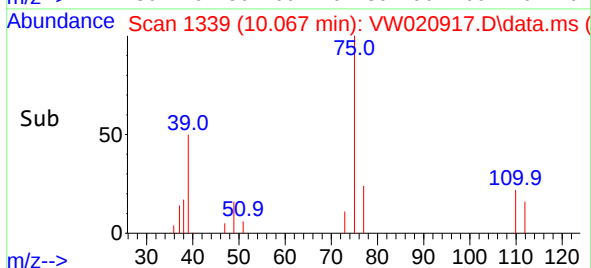
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

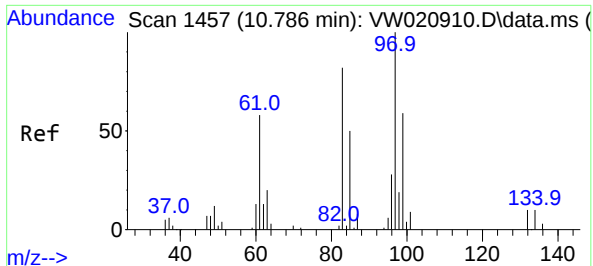


#54
cis-1,3-Dichloropropene
Concen: 2.309 ug/l
RT: 10.067 min Scan# 1339
Delta R.T. -0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



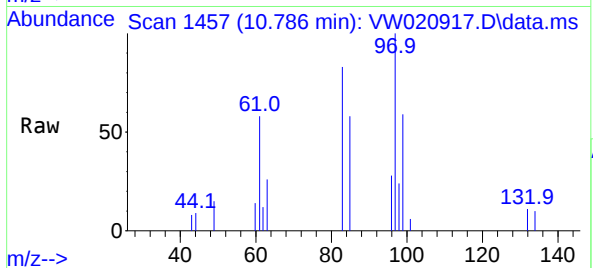
Tgt Ion: 75 Resp: 2589
Ion Ratio Lower Upper
75 100
77 24.5 26.2 39.4#
39 49.5 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 2.429 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

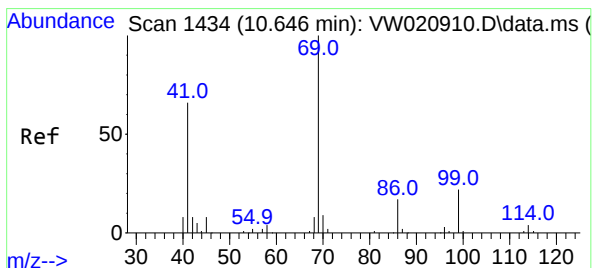
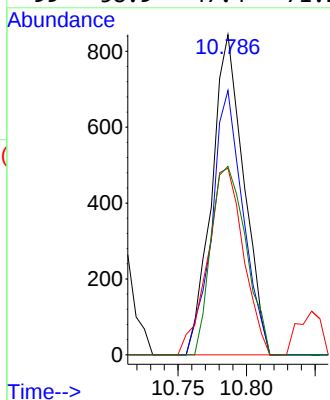
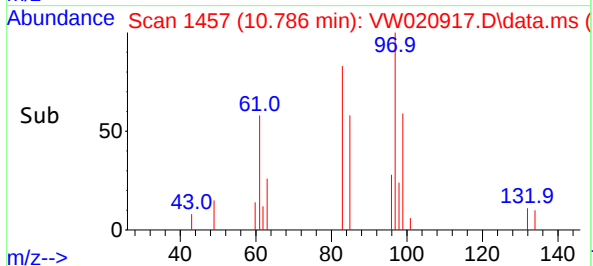


Tgt Ion: 97 Resp: 1374

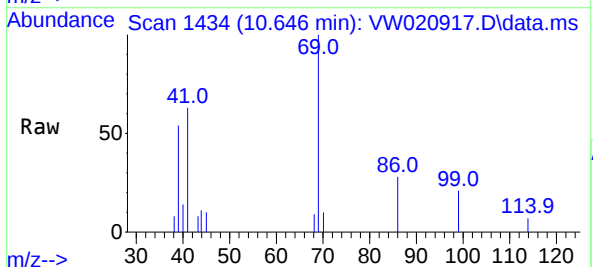
Ion	Ratio	Lower	Upper
97	100		
83	82.6	65.4	98.2
85	58.3	39.9	59.9
99	58.9	47.4	71.2

Manual Integrations
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Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

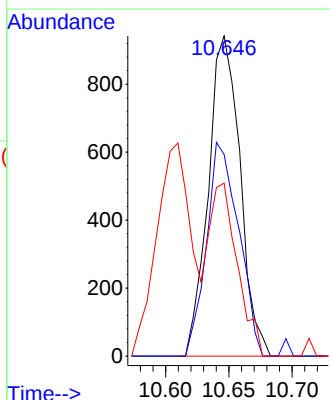
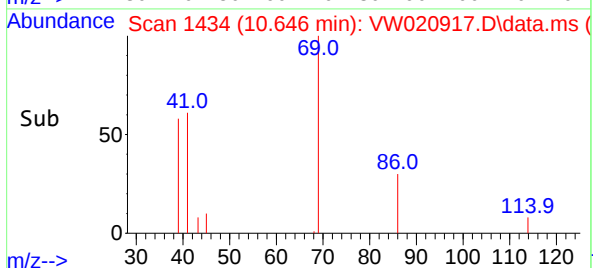


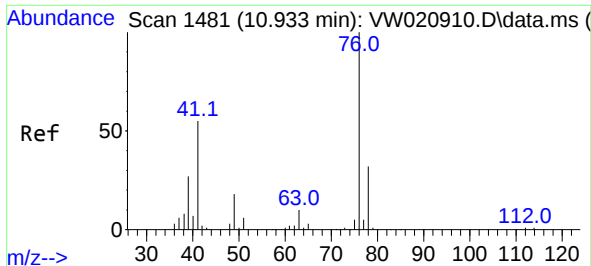
#56
Ethyl methacrylate
Concen: 2.284 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 69 Resp: 1645

Ion	Ratio	Lower	Upper
69	100		
41	67.6	52.9	79.3
39	48.3	33.7	50.5





#57

1,3-Dichloropropane

Concen: 2.434 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

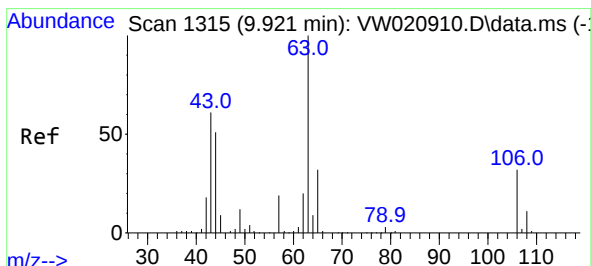
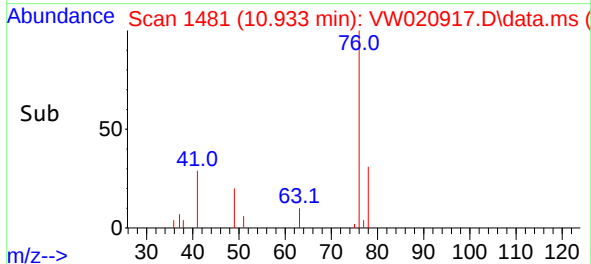
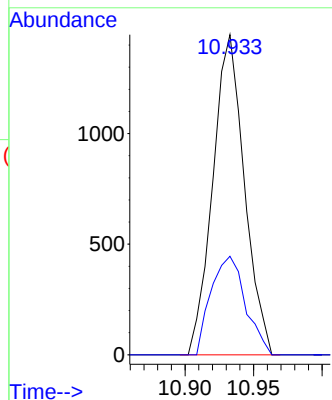
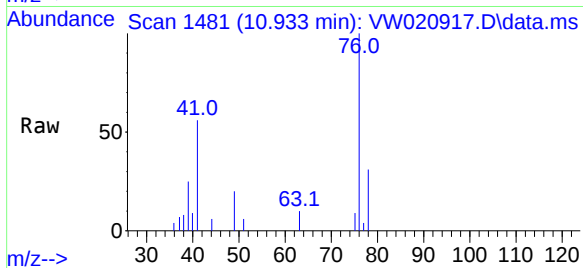
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 76 Resp: 2318
 Ion Ratio Lower Upper
 76 100
 78 33.6 26.0 39.0

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#58

2-Chloroethyl Vinyl ether

Concen: 14.667 ug/l

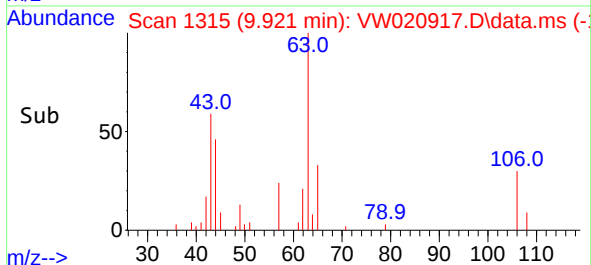
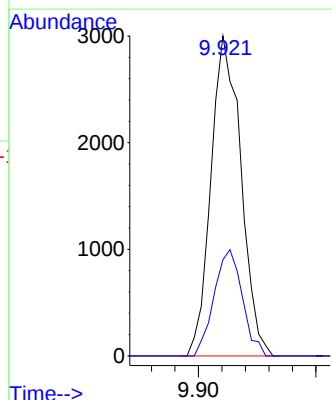
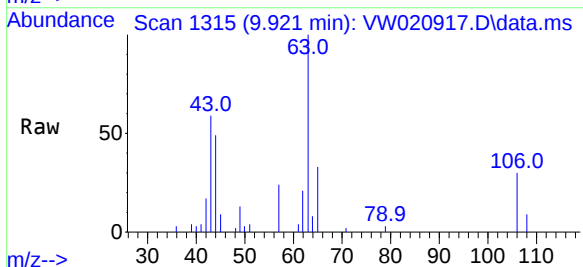
RT: 9.921 min Scan# 1315

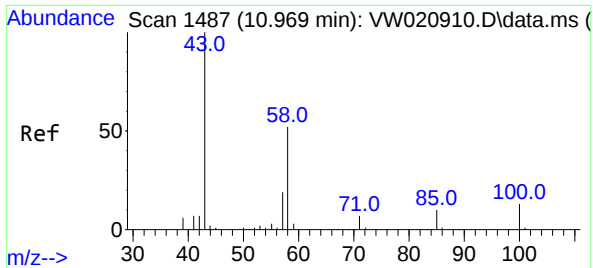
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

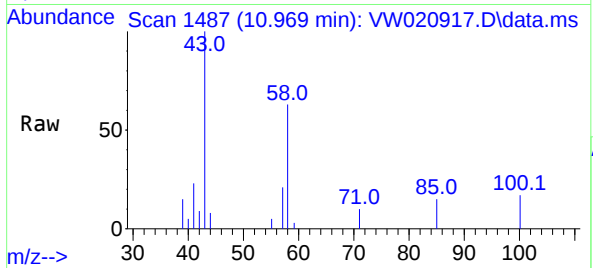
Tgt Ion: 63 Resp: 5316
 Ion Ratio Lower Upper
 63 100
 106 31.3 26.3 39.5





#59
2-Hexanone
Concen: 10.886 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

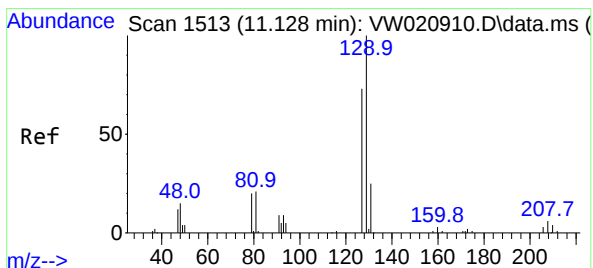
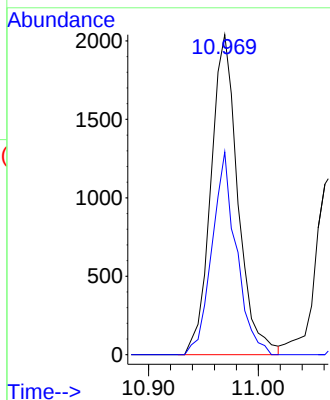
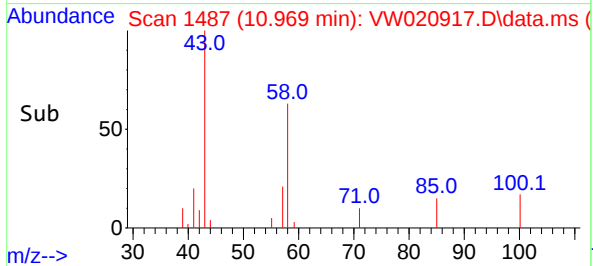
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



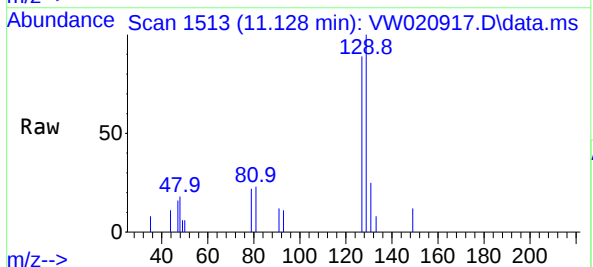
Tgt Ion: 43 Resp: 3500
Ion Ratio Lower Upper
43 100
58 57.1 26.7 80.0

Manual Integrations
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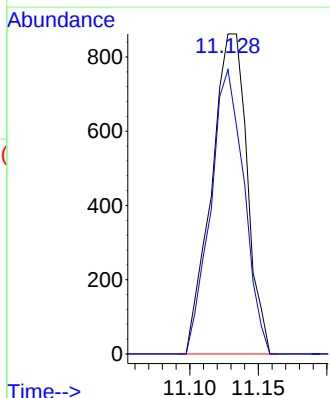
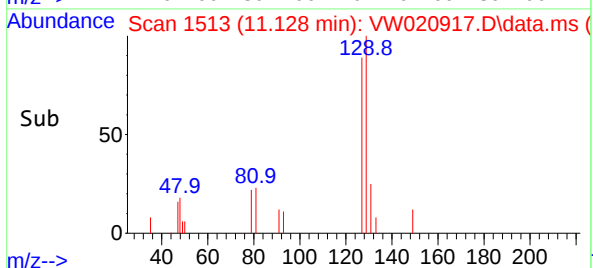
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

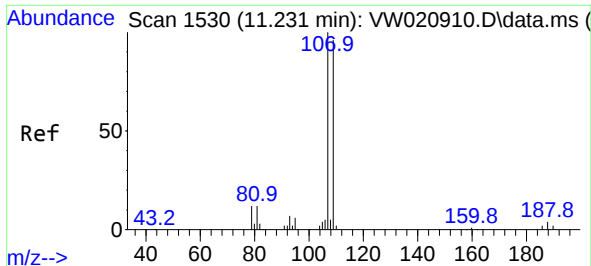


#60
Dibromochloromethane
Concen: 2.185 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



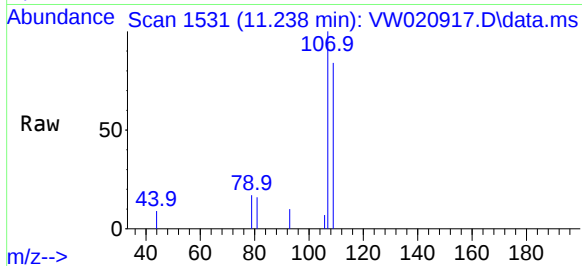
Tgt Ion:129 Resp: 1558
Ion Ratio Lower Upper
129 100
127 83.4 38.4 115.1





#61
1,2-Dibromoethane
Concen: 2.395 ug/l
RT: 11.238 min Scan# 11
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

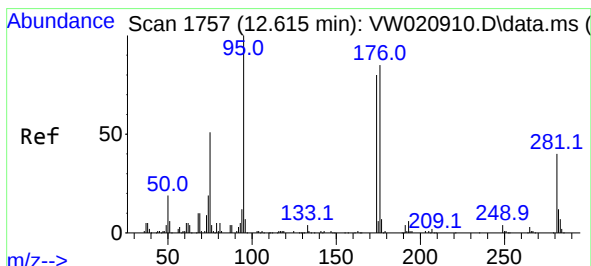
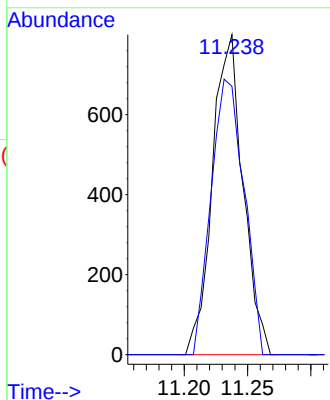
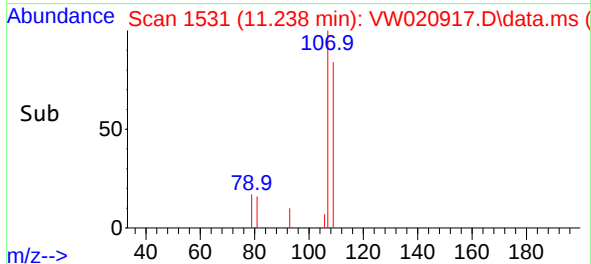
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



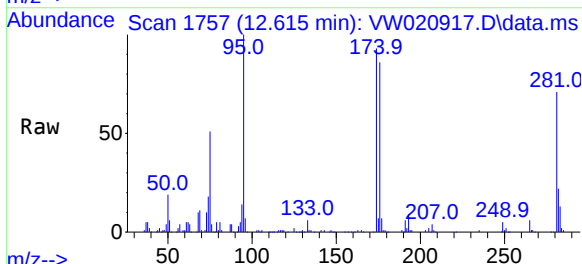
Tgt Ion:107 Resp: 1344
Ion Ratio Lower Upper
107 100
109 93.1 74.1 111.1

Manual Integrations
APPROVED

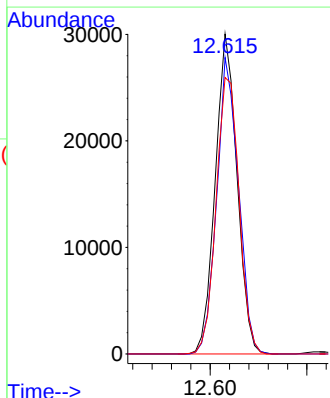
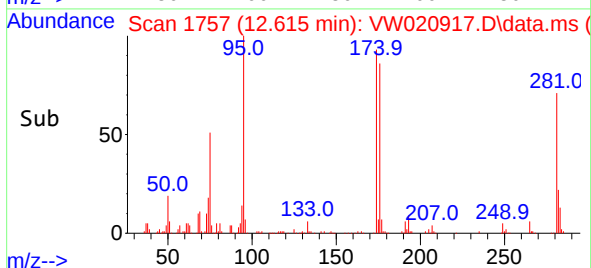
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

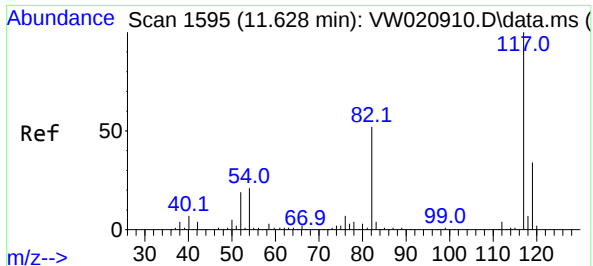


#62
4-Bromofluorobenzene
Concen: 48.534 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 95 Resp: 47001
Ion Ratio Lower Upper
95 100
174 92.1 0.0 171.2
176 91.1 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.634 min Scan# 11

Delta R.T. 0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

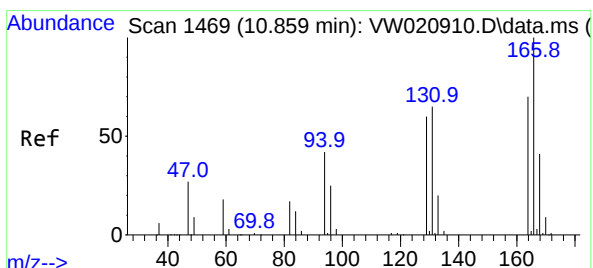
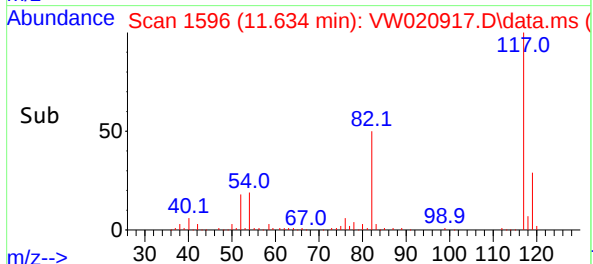
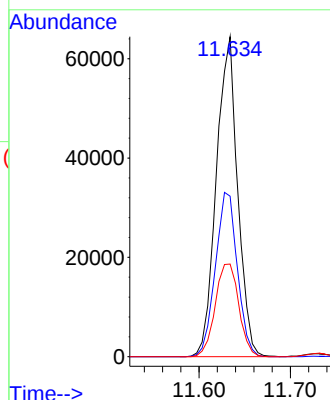
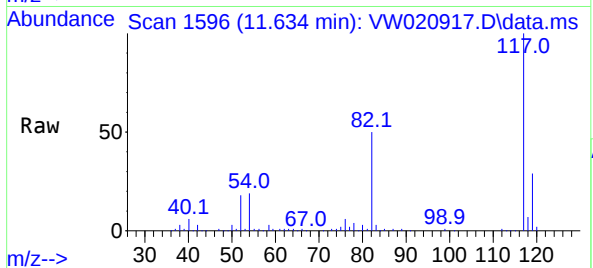
Tgt Ion:117 Resp: 104372

Ion	Ratio	Lower	Upper
117	100		
82	50.2	41.4	62.2
119	29.0	27.2	40.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#64

Tetrachloroethene

Concen: 2.600 ug/l

RT: 10.866 min Scan# 1470

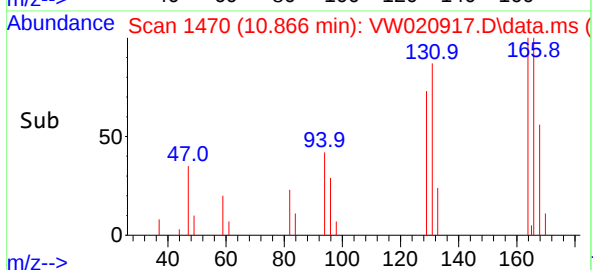
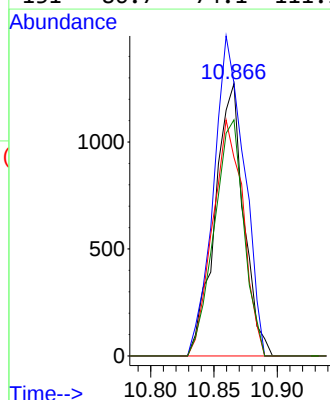
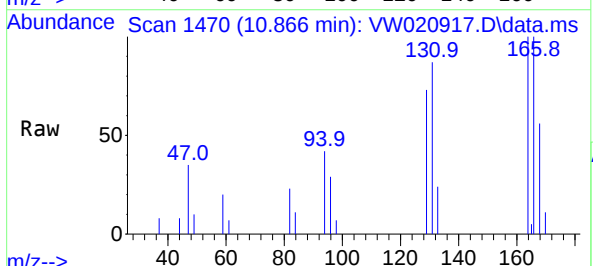
Delta R.T. 0.006 min

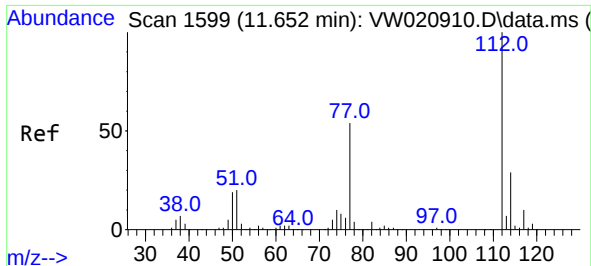
Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion:164 Resp: 2016

Ion	Ratio	Lower	Upper
164	100		
166	100.2	114.4	171.6#
129	72.9	68.3	102.5
131	86.7	74.1	111.1





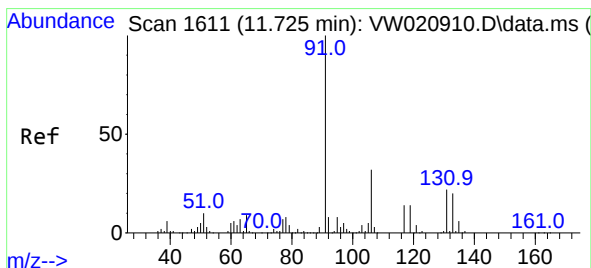
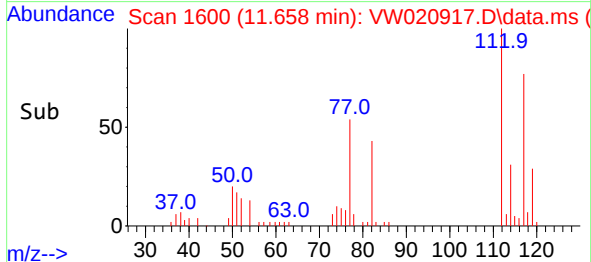
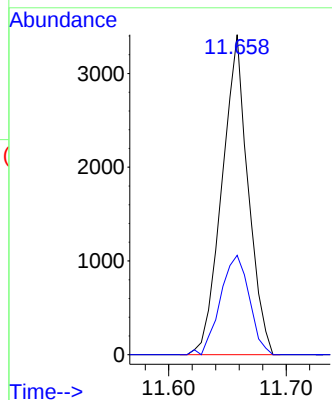
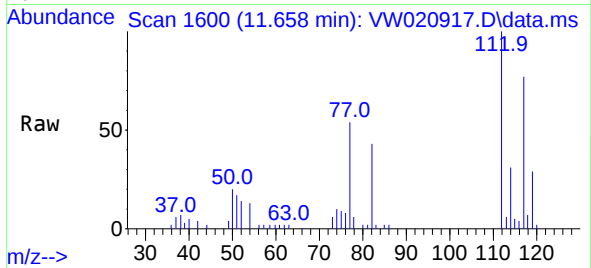
#65
Chlorobenzene
Concen: 2.515 ug/l
RT: 11.658 min Scan# 1112
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:112 Resp: 5278
Ion Ratio Lower Upper
112 100
114 31.1 23.0 34.6

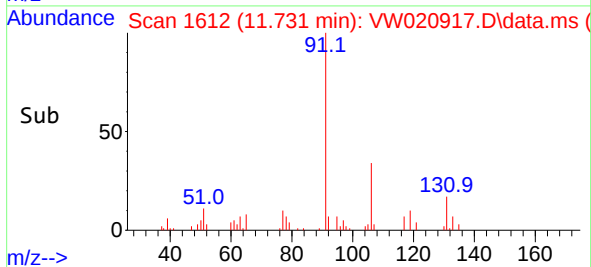
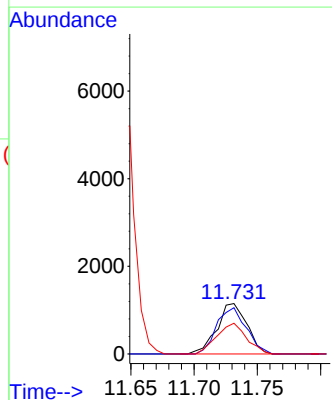
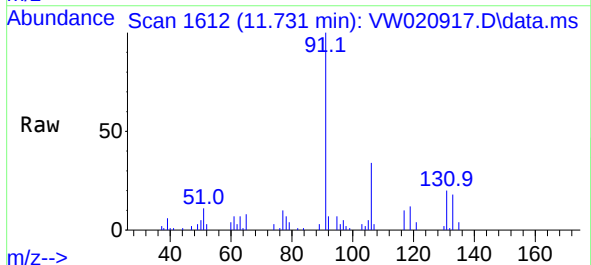
Manual Integrations
APPROVED

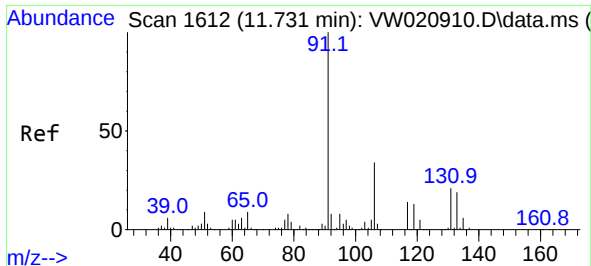
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#66
1,1,1,2-Tetrachloroethane
Concen: 2.429 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Tgt Ion:131 Resp: 1895
Ion Ratio Lower Upper
131 100
133 91.0 46.6 139.7
119 60.7 32.2 96.6





#67

Ethyl Benzene

Concen: 2.437 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

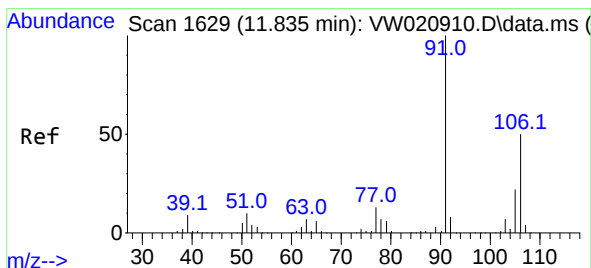
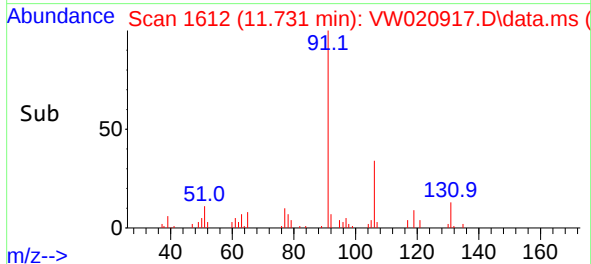
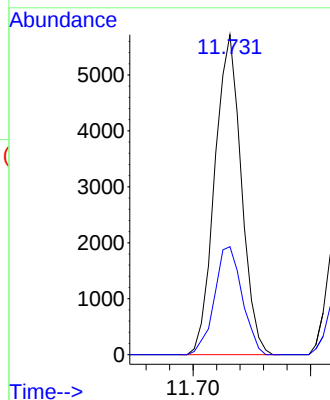
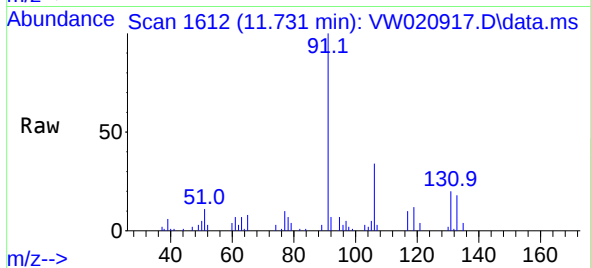
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 8974
 Ion Ratio Lower Upper
 91 100
 106 33.7 27.3 40.9

Manual Integrations

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Reviewed By :Vimala Arumugam 11/18/2021
 Supervised By :Mahesh Dadoda 11/18/2021



#68

m/p-Xylenes

Concen: 4.940 ug/l

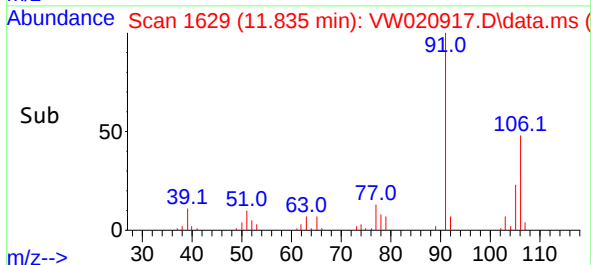
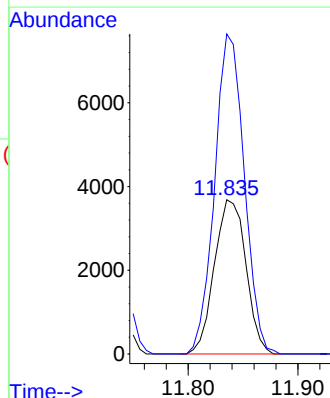
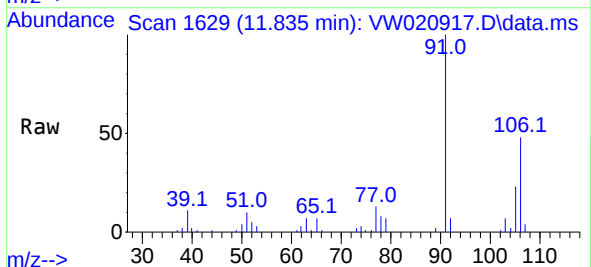
RT: 11.835 min Scan# 1629

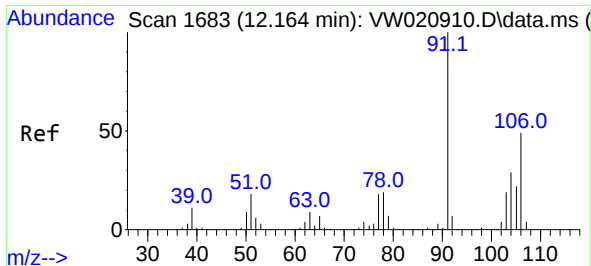
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Tgt Ion:106 Resp: 7354
 Ion Ratio Lower Upper
 106 100
 91 195.3 157.8 236.8





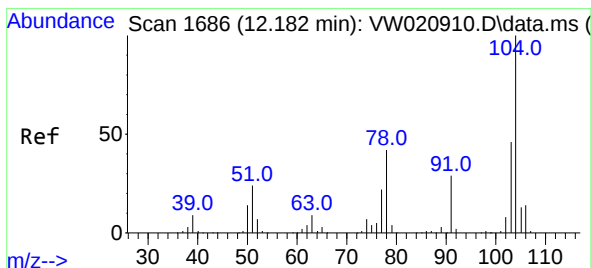
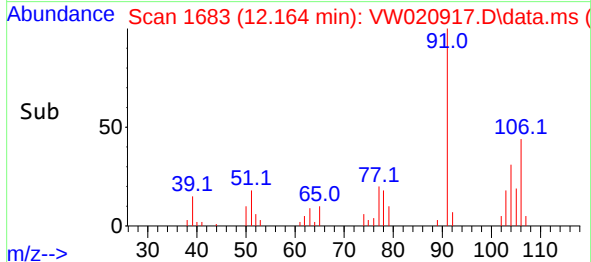
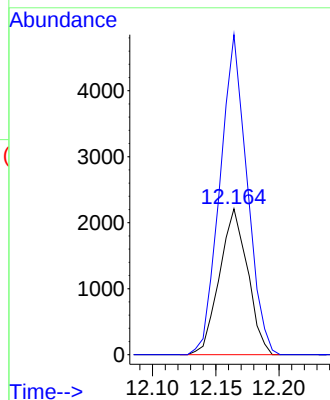
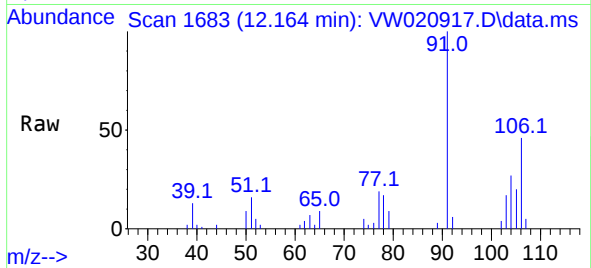
#69
o-Xylene
Concen: 2.451 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:106 Resp: 342
Ion Ratio Lower Upper
106 100
91 211.4 104.3 312.9

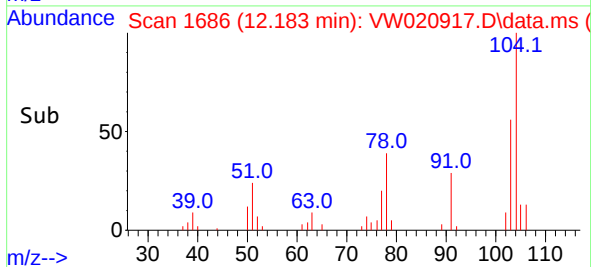
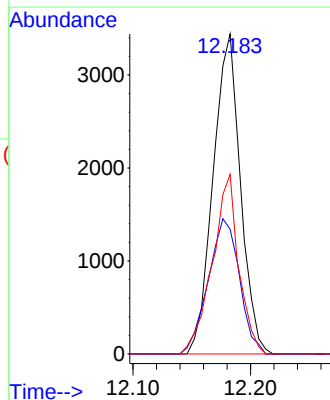
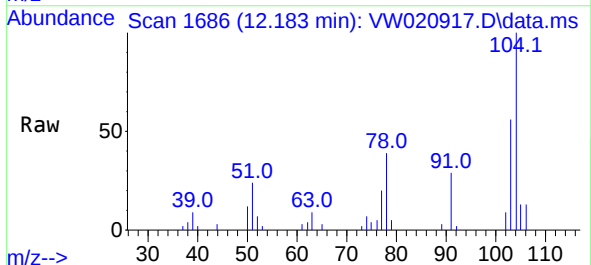
Manual Integrations
APPROVED

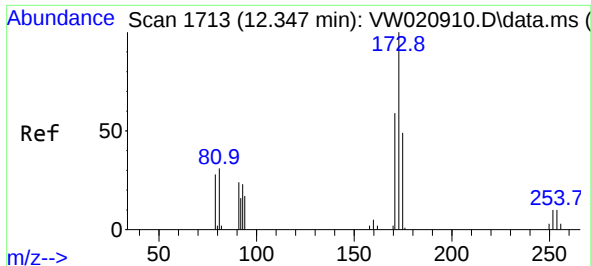
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#70
Styrene
Concen: 2.369 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

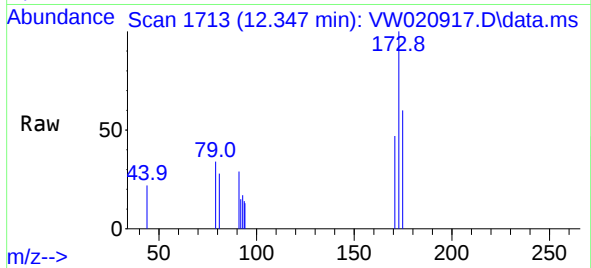
Tgt Ion:104 Resp: 5554
Ion Ratio Lower Upper
104 100
78 48.3 39.4 59.2
103 54.2 42.6 63.8





#71
Bromoform
Concen: 2.186 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

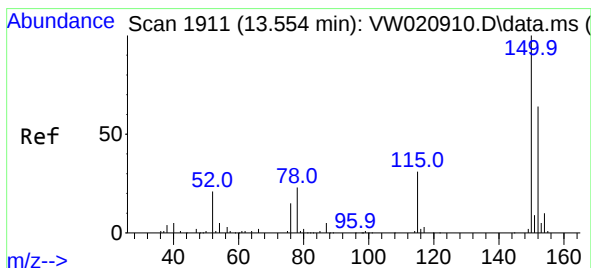
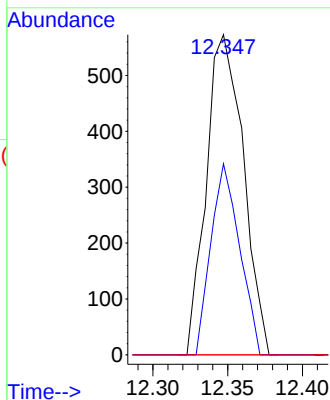
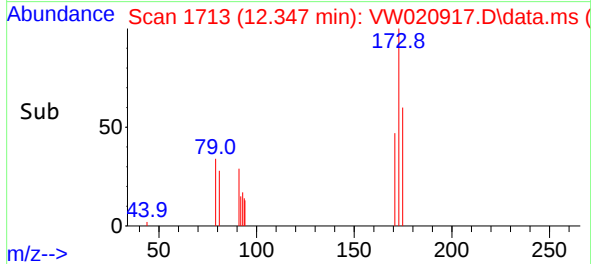
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



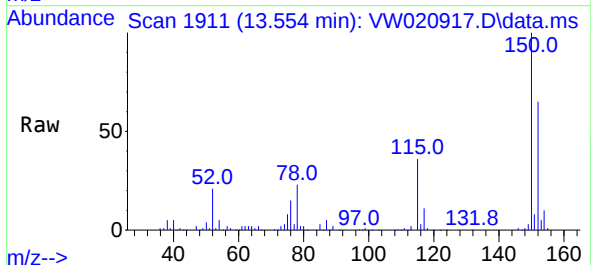
Tgt Ion:173 Resp: 980
Ion Ratio Lower Upper
173 100
175 46.2 25.1 75.3
254 0.0 0.0 0.0

Manual Integrations
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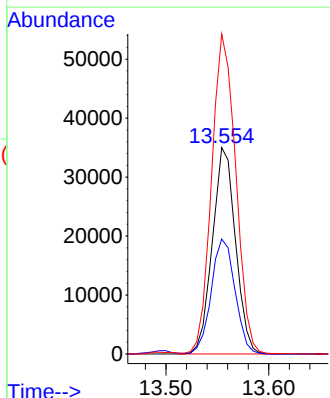
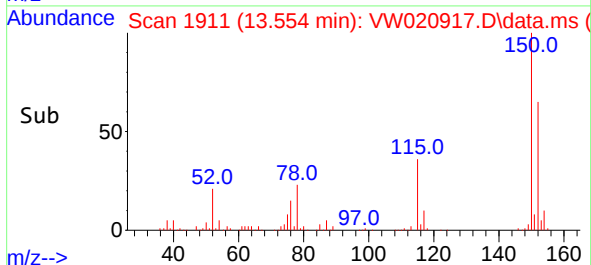
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

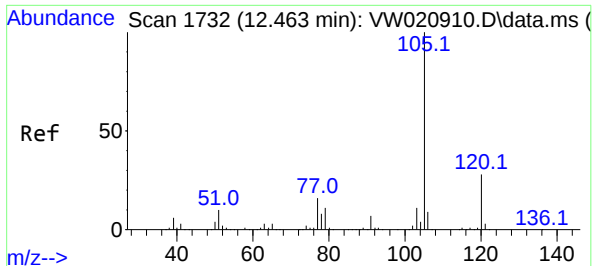


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



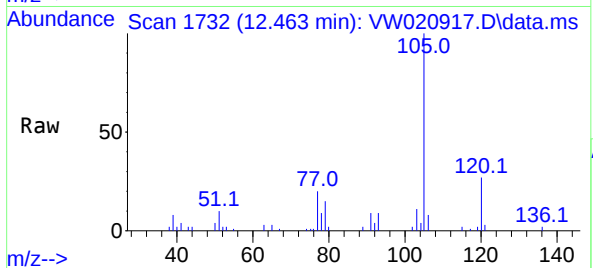
Tgt Ion:152 Resp: 54643
Ion Ratio Lower Upper
152 100
115 57.2 27.8 83.3
150 161.7 0.0 348.4





#73
Isopropylbenzene
Concen: 2.471 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

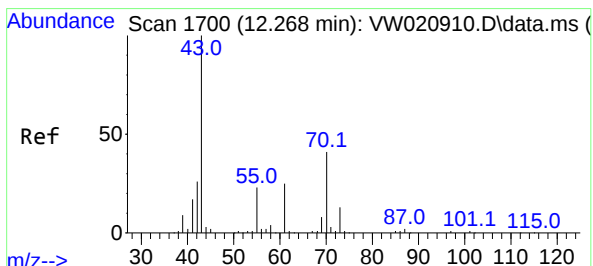
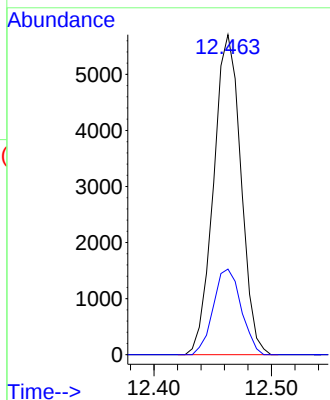
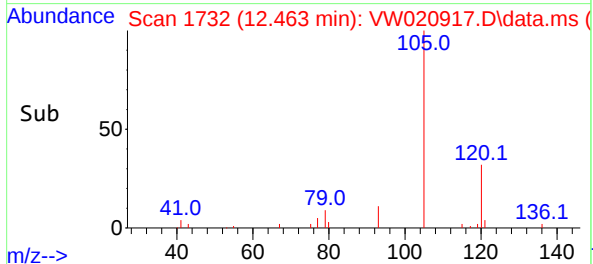
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



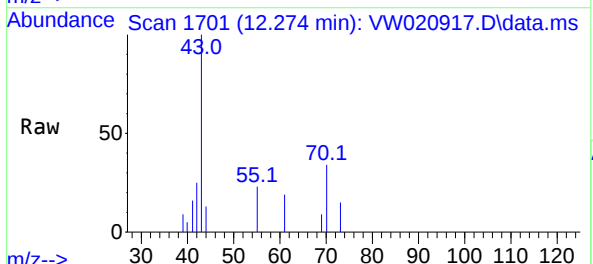
Tgt Ion:105 Resp: 9220
Ion Ratio Lower Upper
105 100
120 27.3 13.9 41.7

Manual Integrations
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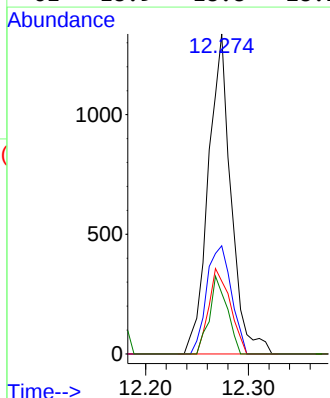
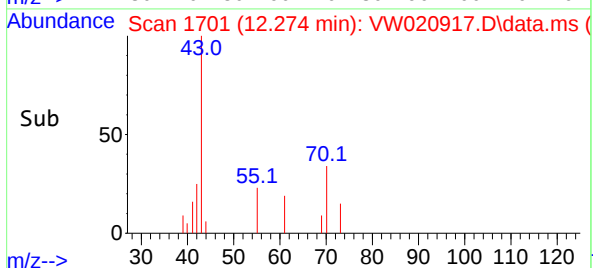
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

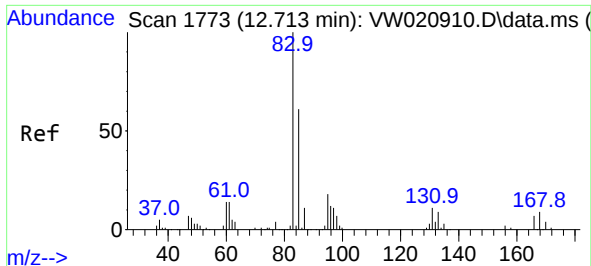


#74
N-ethyl acetate
Concen: 2.317 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



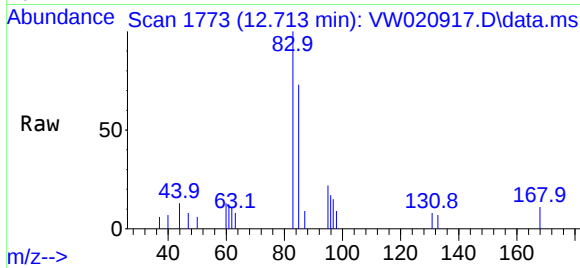
Tgt Ion: 43 Resp: 2061
Ion Ratio Lower Upper
43 100
70 36.7 33.7 50.5
55 25.1 18.5 27.7
61 18.9 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 2.385 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

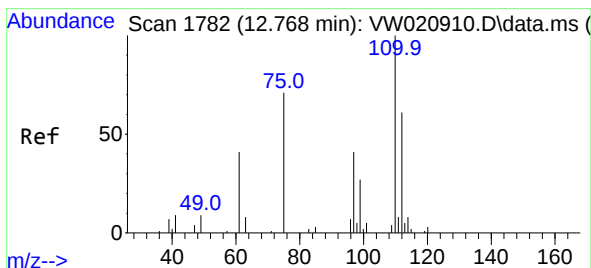
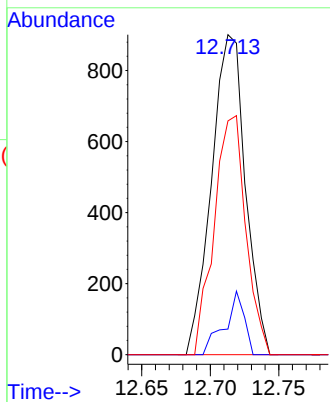
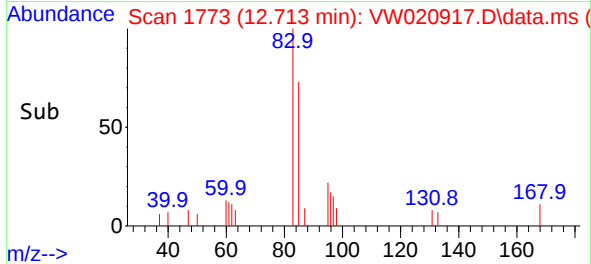
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 83 Resp: 1554
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 69.4 32.0 96.0

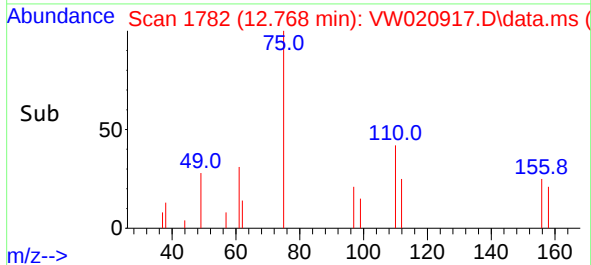
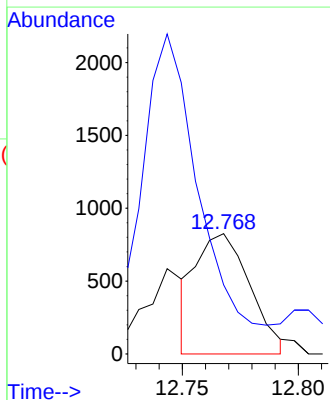
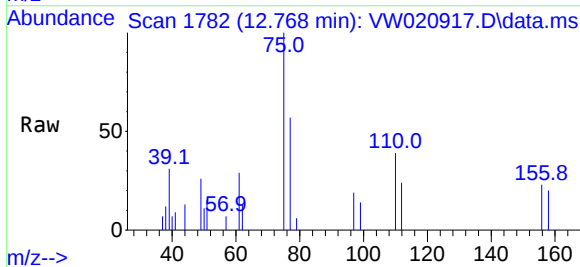
Manual Integrations
APPROVED

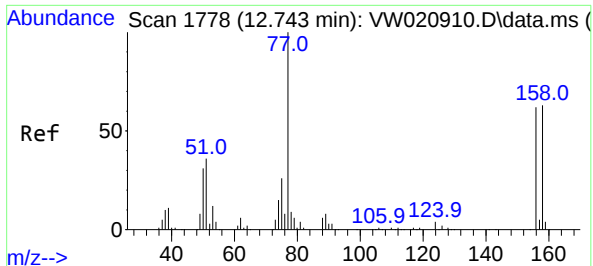
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#76
1,2,3-Trichloropropane
Concen: 2.703 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

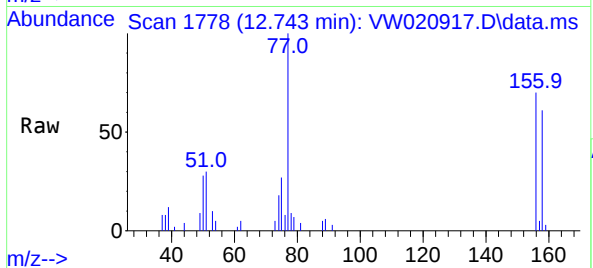
Tgt Ion: 75 Resp: 1327
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 2.720 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

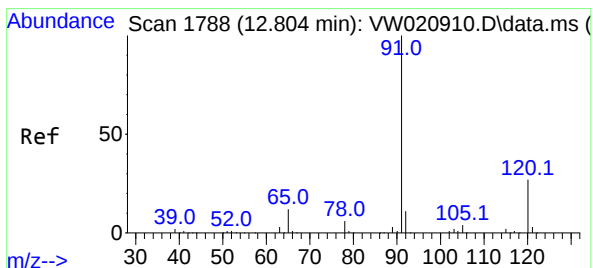
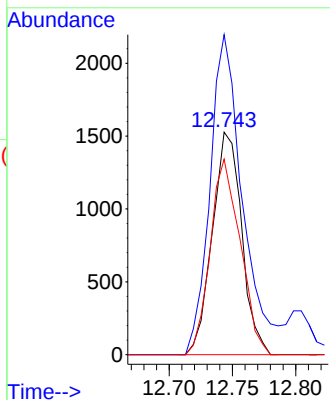
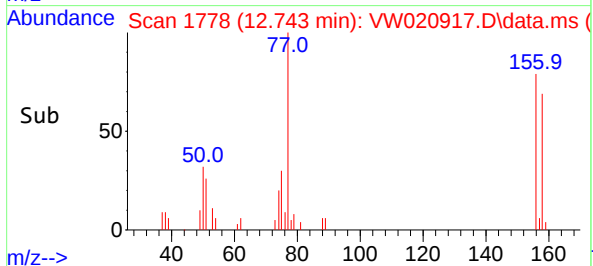
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



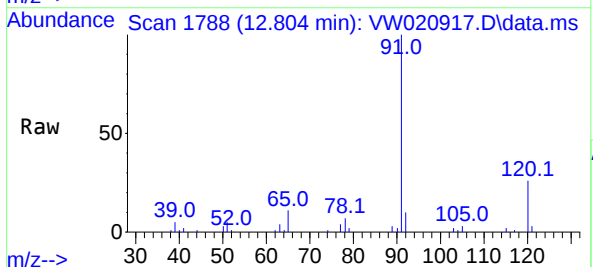
Tgt Ion:156 Resp: 246
Ion Ratio Lower Upper
156 100
77 159.1 87.0 261.0
158 89.9 49.8 149.4

Manual Integrations
APPROVED

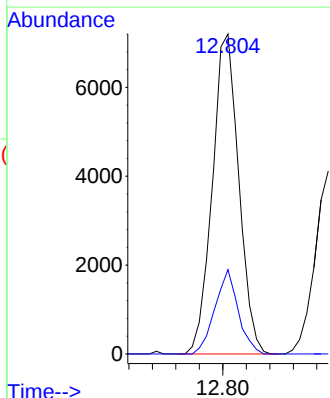
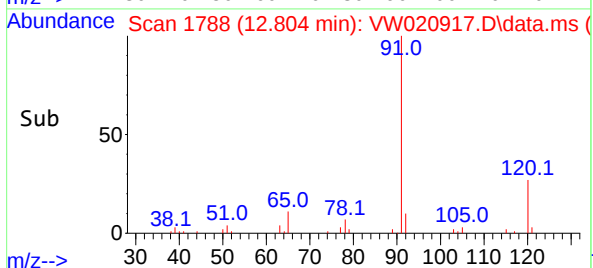
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

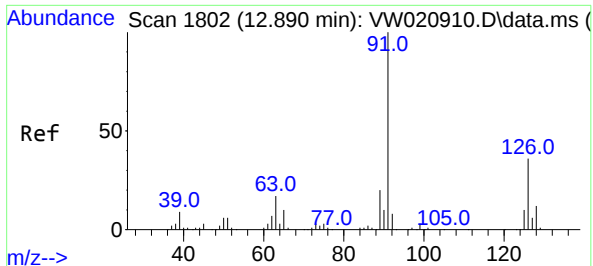


#78
n-propylbenzene
Concen: 2.560 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 91 Resp: 11259
Ion Ratio Lower Upper
91 100
120 23.1 12.4 37.4





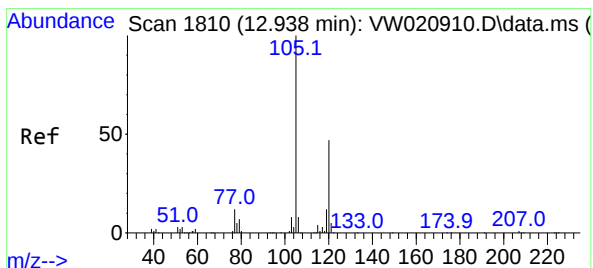
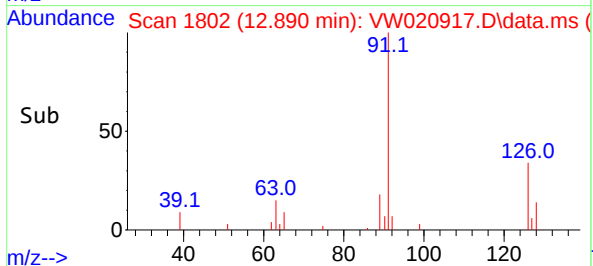
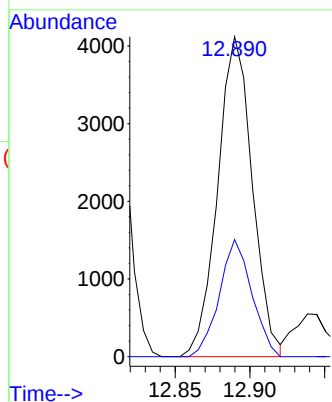
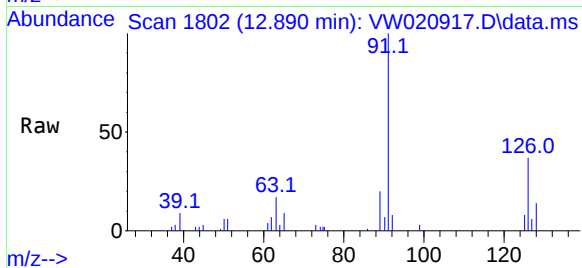
#79
2-Chlorotoluene
Concen: 2.610 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 6634
Ion Ratio Lower Upper
91 100
126 34.3 18.0 54.0

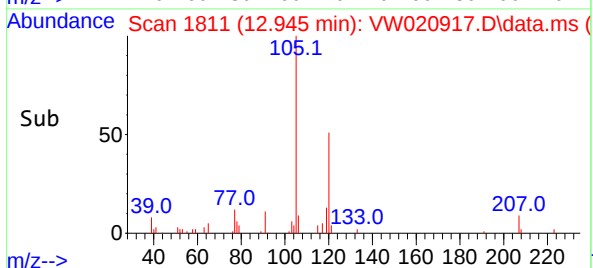
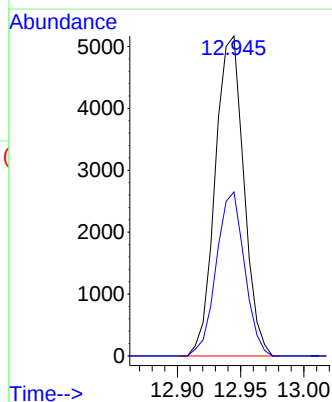
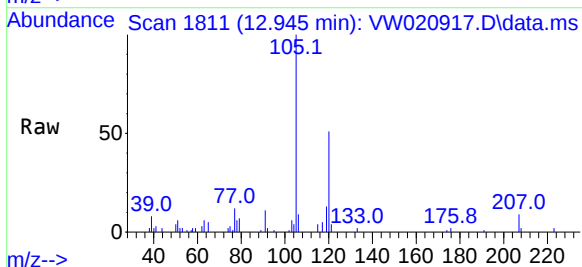
Manual Integrations
APPROVED

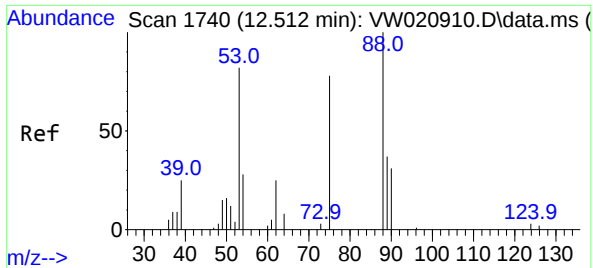
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#80
1,3,5-Trimethylbenzene
Concen: 2.534 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

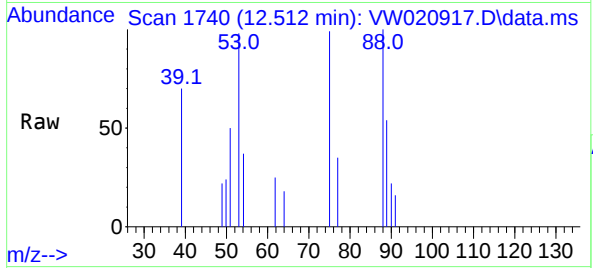
Tgt Ion:105 Resp: 8114
Ion Ratio Lower Upper
105 100
120 50.7 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 2.084 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

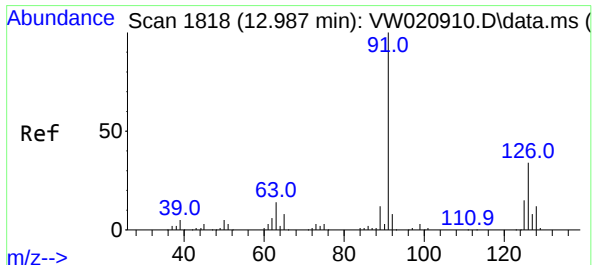
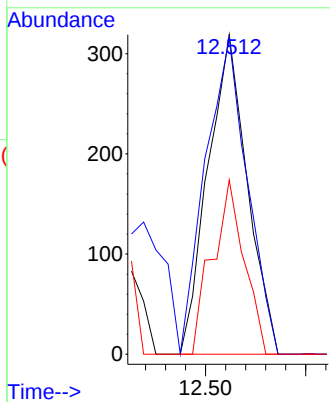
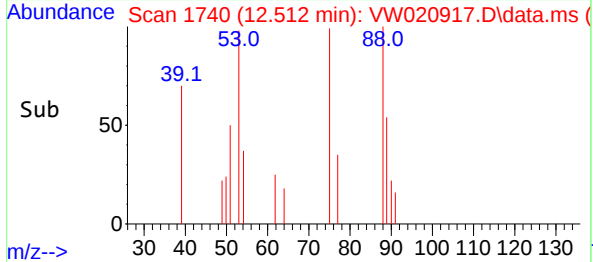
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



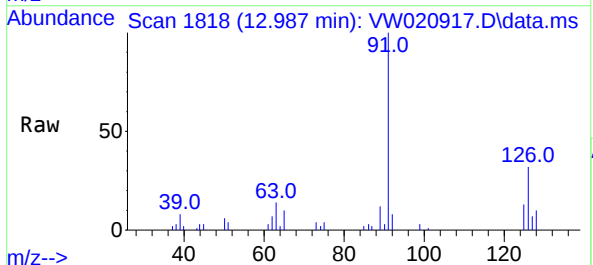
Tgt Ion: 75 Resp: 439
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8
89 58.6 38.6 57.8

Manual Integrations
APPROVED

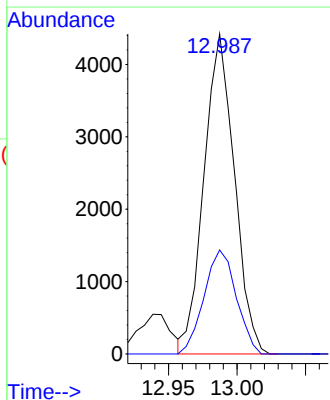
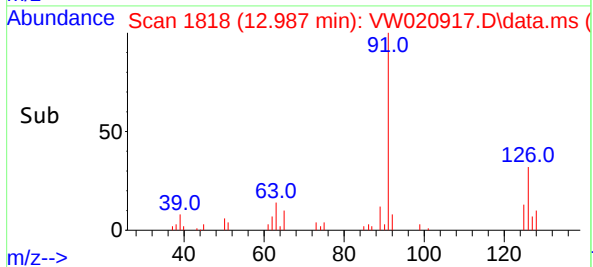
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

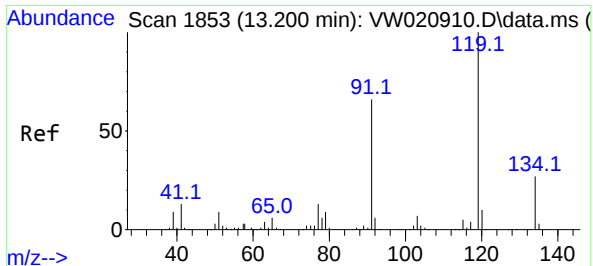


#82
4-Chlorotoluene
Concen: 2.530 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 91 Resp: 6819
Ion Ratio Lower Upper
91 100
126 34.4 17.1 51.2





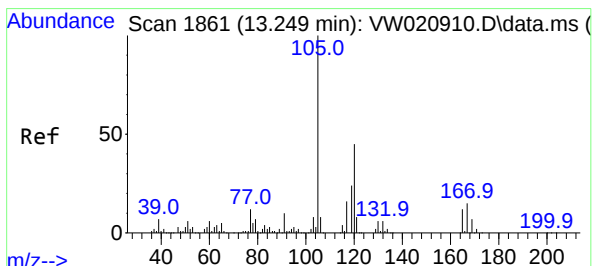
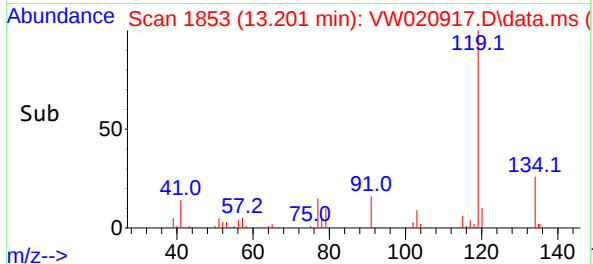
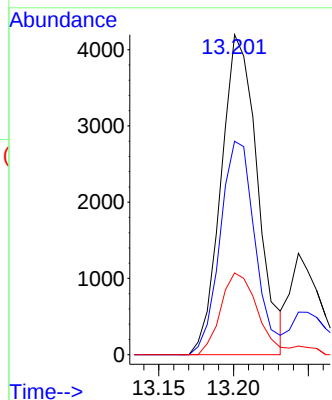
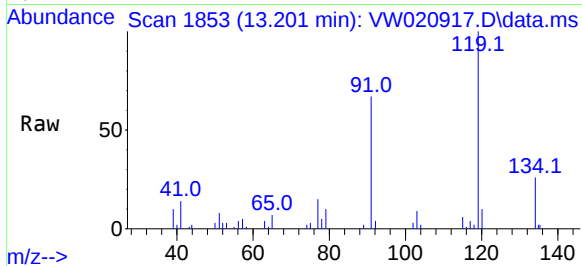
#83
tert-Butylbenzene
Concen: 2.480 ug/l
RT: 13.201 min Scan# 1853
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:119 Resp: 709
Ion Ratio Lower Upper
119 100
91 64.2 32.6 97.8
134 25.9 13.2 39.5

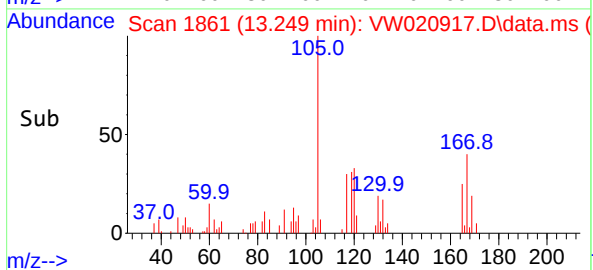
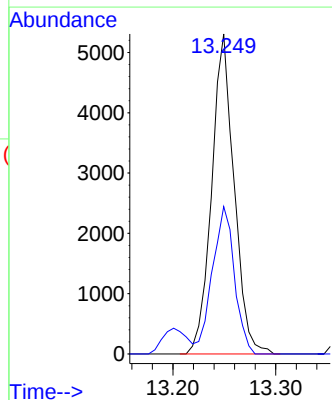
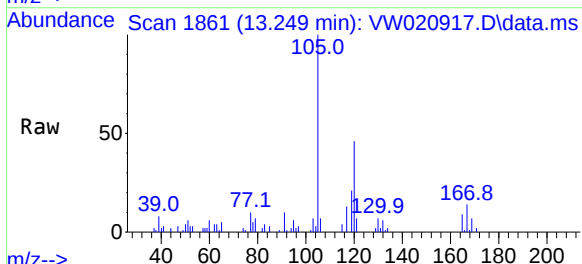
Manual Integrations
APPROVED

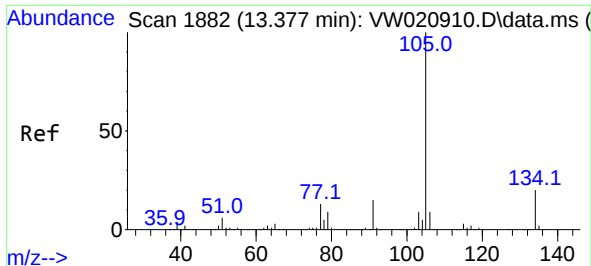
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#84
1,2,4-Trimethylbenzene
Concen: 2.549 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

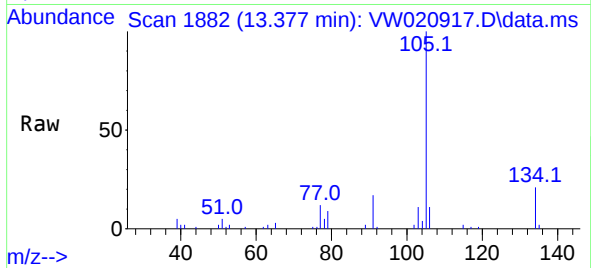
Tgt Ion:105 Resp: 8059
Ion Ratio Lower Upper
105 100
120 45.3 22.7 68.1





#85
sec-Butylbenzene
Concen: 2.438 ug/l
RT: 13.377 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

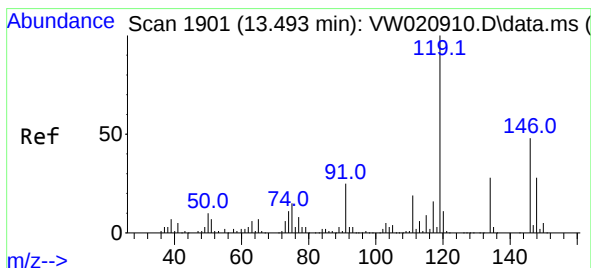
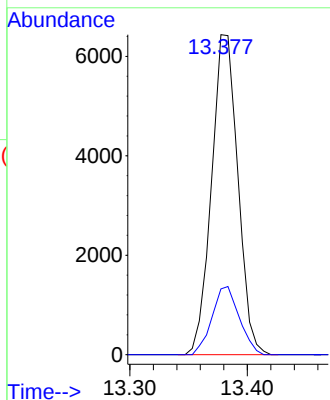
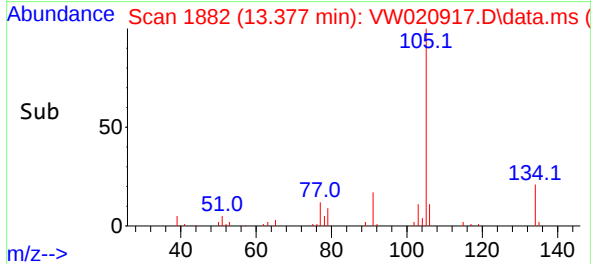
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



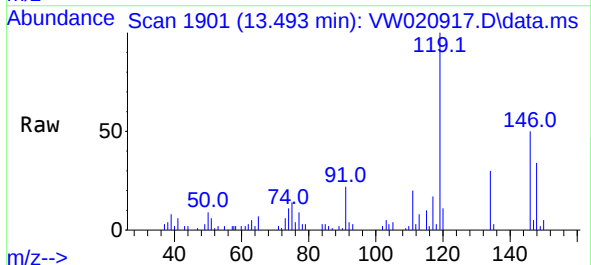
Tgt Ion:105 Resp: 10040
Ion Ratio Lower Upper
105 100
134 22.1 10.4 31.4

Manual Integrations
APPROVED

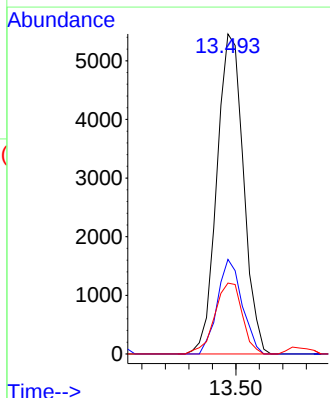
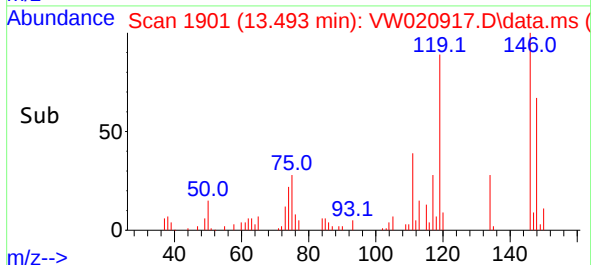
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

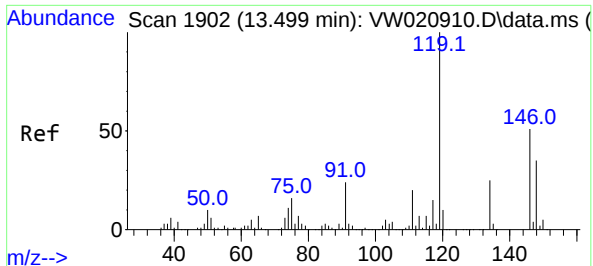


#86
p-Isopropyltoluene
Concen: 2.413 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



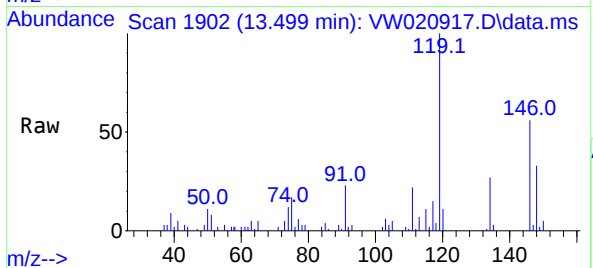
Tgt Ion:119 Resp: 8569
Ion Ratio Lower Upper
119 100
134 27.5 13.2 39.5
91 22.9 11.9 35.9





#87
1,3-Dichlorobenzene
Concen: 2.587 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

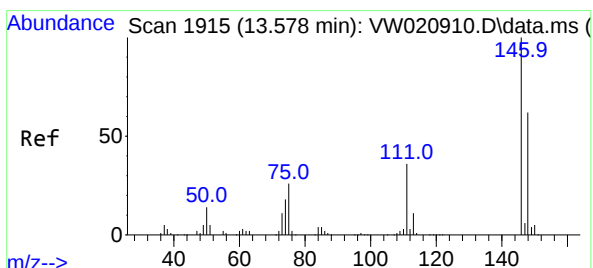
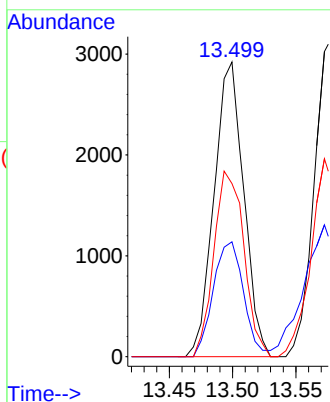
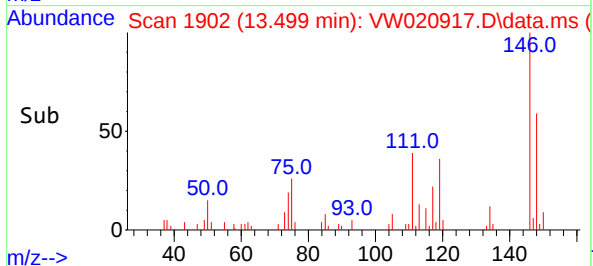
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



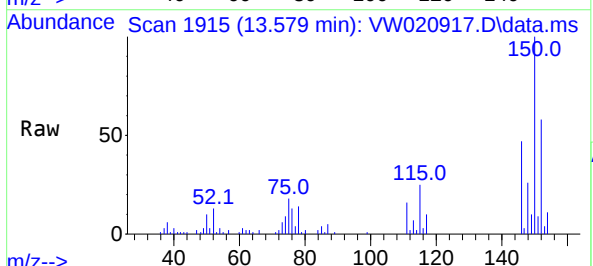
Tgt Ion:146 Resp: 4750
Ion Ratio Lower Upper
146 100
111 40.2 20.0 59.9
148 63.8 31.7 95.1

Manual Integrations
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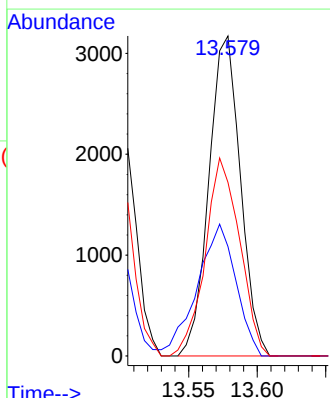
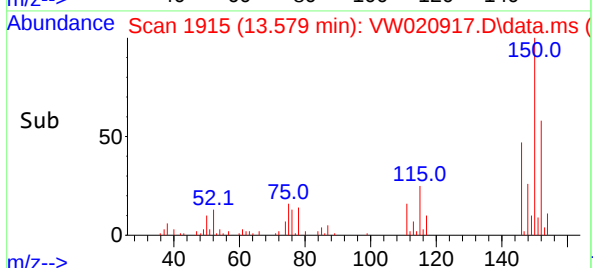
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

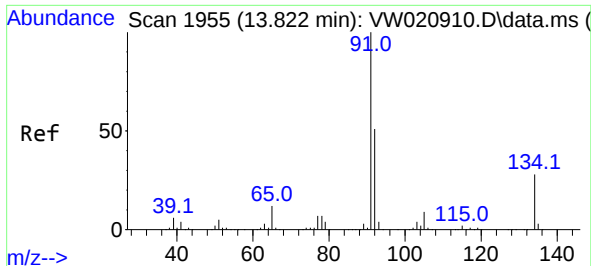


#88
1,4-Dichlorobenzene
Concen: 2.755 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion:146 Resp: 5088
Ion Ratio Lower Upper
146 100
111 50.4 18.8 56.4
148 67.4 31.1 93.2





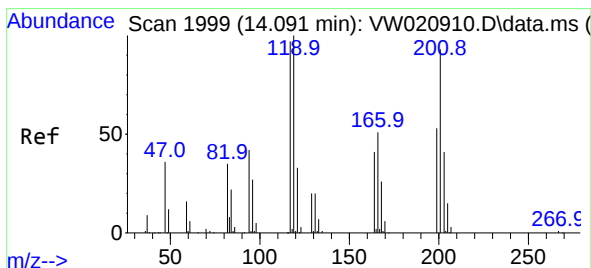
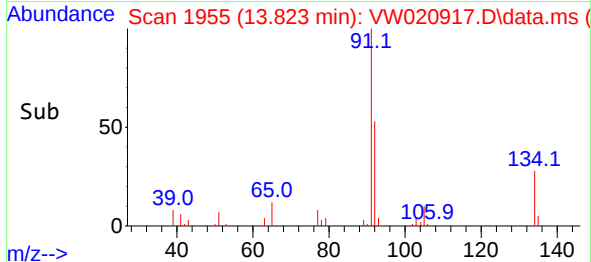
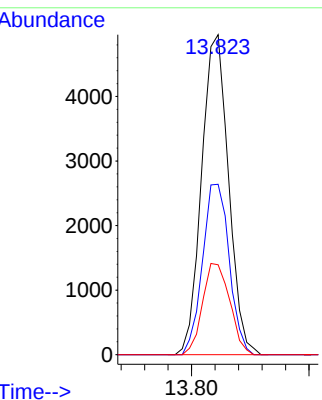
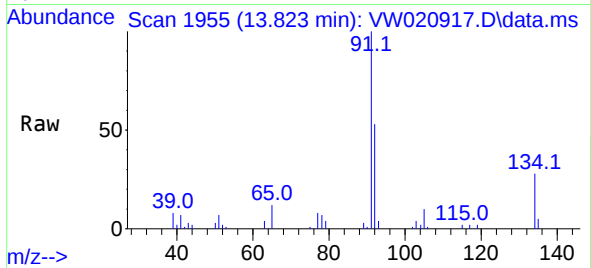
#89
n-Butylbenzene
Concen: 2.477 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91	Resp: 789
Ion Ratio	Lower Upper
91	100
92	52.8 26.5 79.4
134	28.8 13.6 40.8

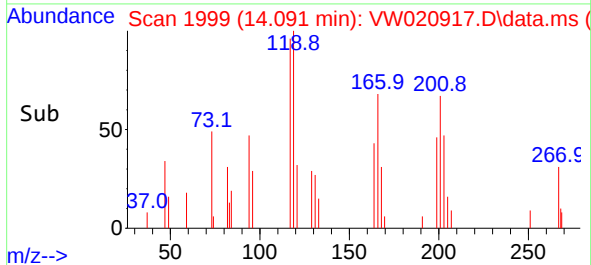
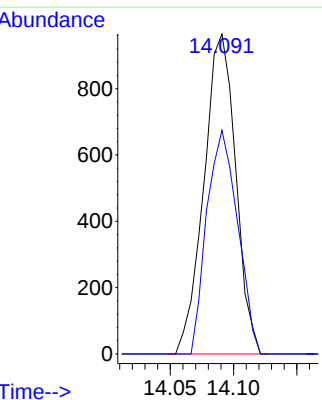
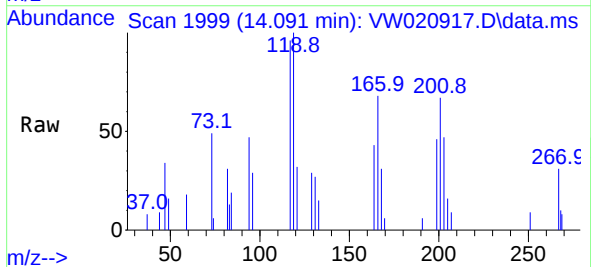
Manual Integrations
APPROVED

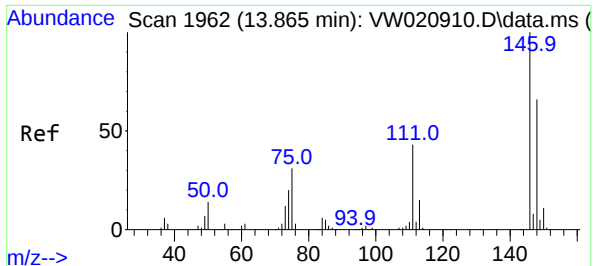
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#90
Hexachloroethane
Concen: 2.520 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

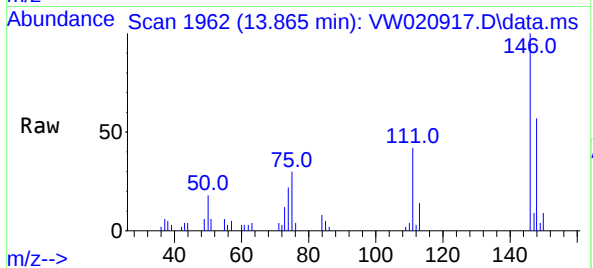
Tgt Ion:117	Resp: 1685
Ion Ratio	Lower Upper
117	100
201	67.8 43.8 131.4





#91
1,2-Dichlorobenzene
Concen: 2.657 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

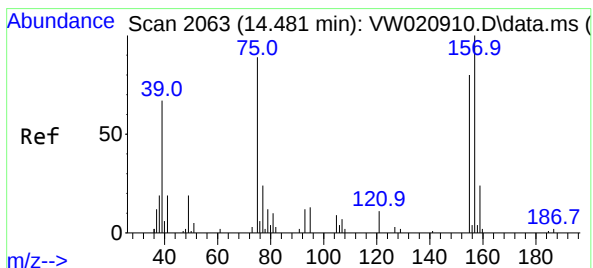
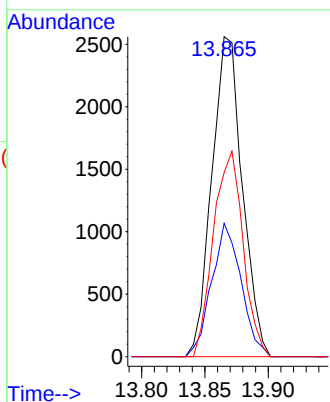
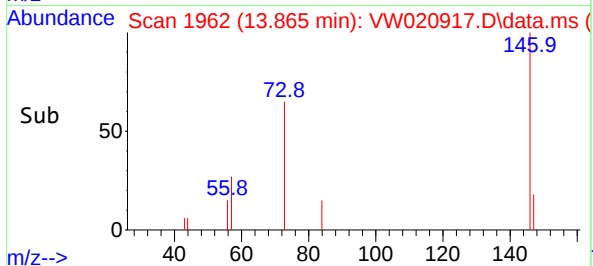
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



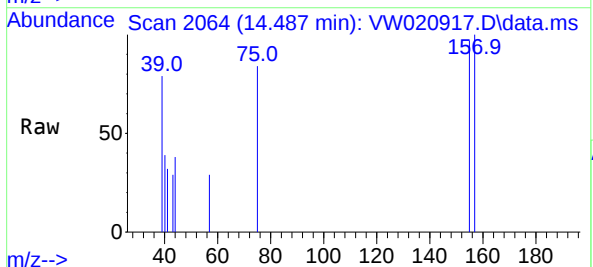
Tgt Ion: 146 Resp: 429
Ion Ratio Lower Upper
146 100
111 40.3 21.1 63.3
148 62.5 32.6 97.8

Manual Integrations
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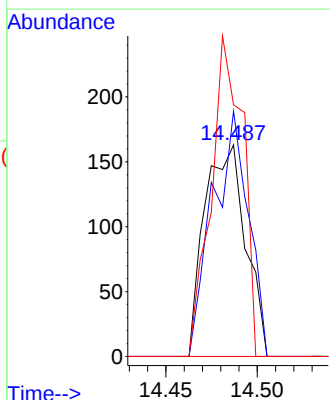
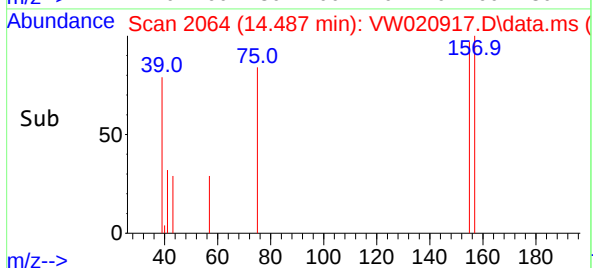
Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021

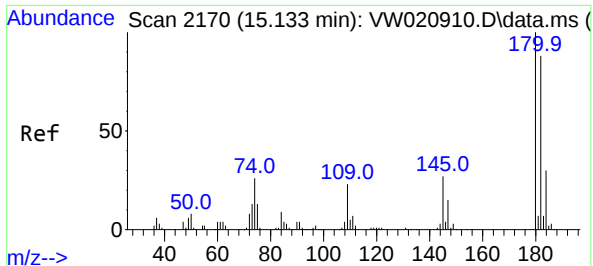


#92
1,2-Dibromo-3-Chloropropane
Concen: 2.229 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion: 75 Resp: 255
Ion Ratio Lower Upper
75 100
155 100.4 45.9 137.6
157 116.9 57.8 173.4





#93

1,2,4-Trichlorobenzene

Concen: 2.856 ug/l

RT: 15.127 min Scan# 2169

Delta R.T. -0.006 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

Instrument :

MSVOA_W

ClientSampleId :

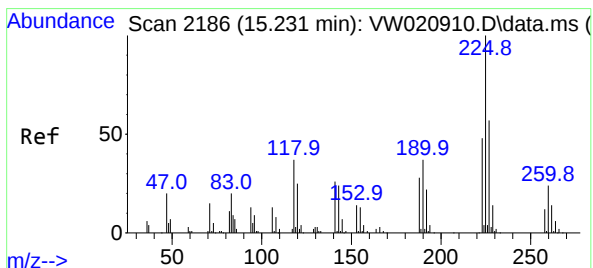
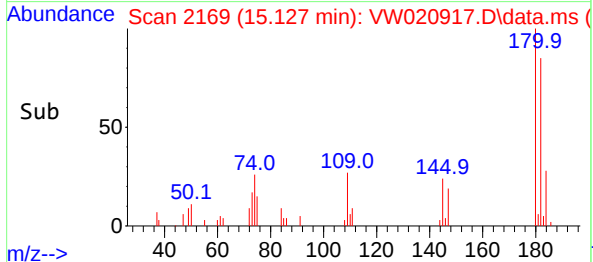
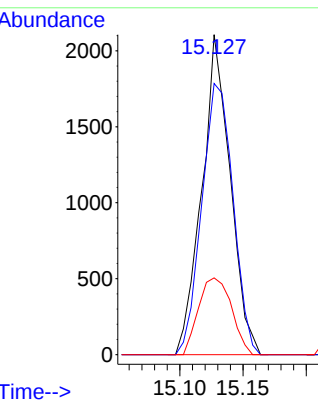
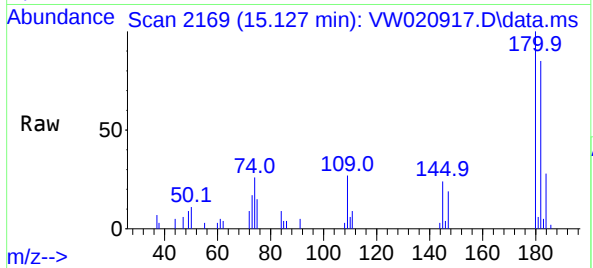
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:180	Resp:	3280
Ion Ratio	Lower	Upper
180	100	
182	93.2	46.5 139.3
145	27.8	15.0 45.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#94

Hexachlorobutadiene

Concen: 2.672 ug/l

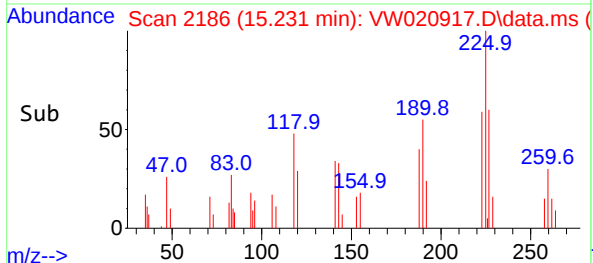
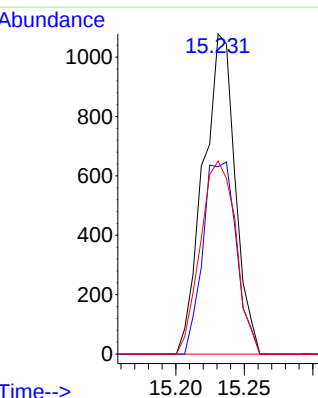
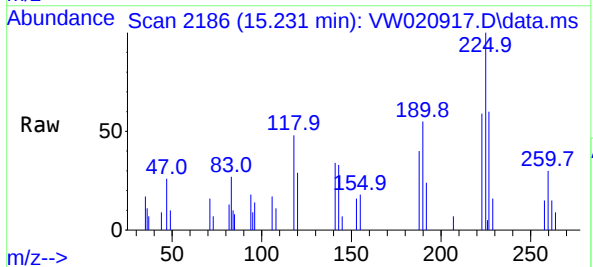
RT: 15.231 min Scan# 2186

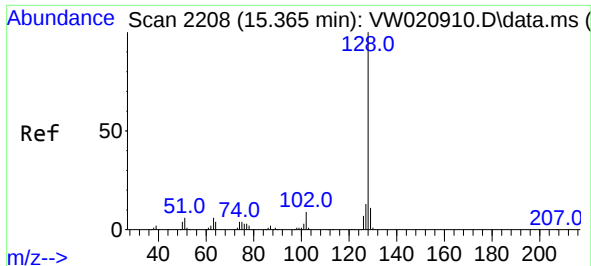
Delta R.T. 0.000 min

Lab File: VW020917.D

Acq: 17 Nov 2021 21:47

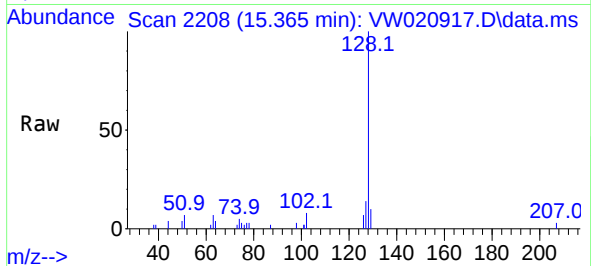
Tgt Ion:225	Resp:	1744
Ion Ratio	Lower	Upper
225	100	
223	63.0	31.1 93.3
227	67.0	32.8 98.3





#95
Naphthalene
Concen: 2.750 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47

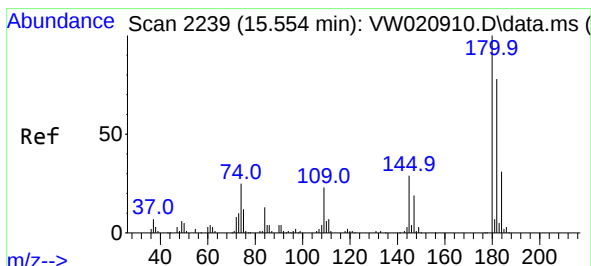
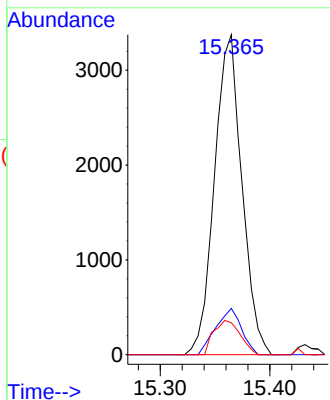
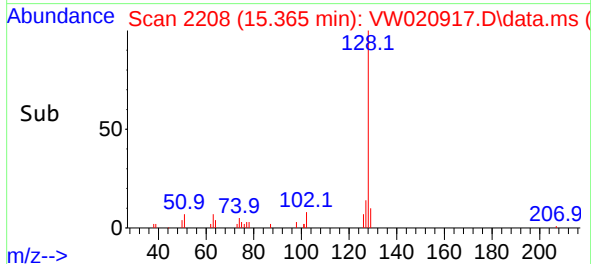
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



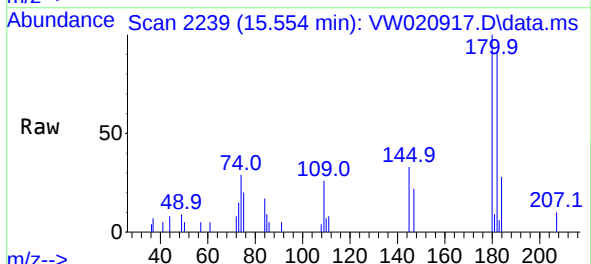
Tgt Ion:128 Resp: 586
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 10.3 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/18/2021
Supervised By :Mahesh Dadoda 11/18/2021



#96
1,2,3-Trichlorobenzene
Concen: 2.992 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020917.D
Acq: 17 Nov 2021 21:47



Tgt Ion:180 Resp: 3036
Ion Ratio Lower Upper
180 100
182 94.3 46.2 138.6
145 33.4 14.9 44.5

