

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW111821\
 Data File : VW020927.D
 Acq On : 18 Nov 2021 14:56
 Operator : SY/VA
 Sample : M4068-01 4PPBL0D
 Misc : 5.00g/5.0mL/MSVOA_W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

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

Quant Time: Nov 19 04:59:42 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W111721S.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 19 04:59:01 2021
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	75927	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	116001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.628	117	104813	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	56002	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	35389	50.318	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 100.640%			
35) Dibromofluoromethane	7.884	113	36916	50.735	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 101.480%			
50) Toluene-d8	10.323	98	135759	50.872	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.615	95	49036	49.270	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.540%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	483	3.498	ug/l	84
3) Chloromethane	2.209	50	2049	4.688	ug/l	97
4) Vinyl Chloride	2.355	62	3317	4.310	ug/l	96
5) Bromomethane	2.776	94	2958	5.971	ug/l	99
6) Chloroethane	2.910	64	1407	4.743	ug/l	91
7) Trichlorofluoromethane	3.251	101	1767	5.536	ug/l	98
8) Diethyl Ether	3.684	74	1285	3.833	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.062	101	3132	4.756	ug/l	98
10) Methyl Iodide	4.269	142	4340	4.370	ug/l	98
11) Tert butyl alcohol	5.172	59	2430m	39.217	ug/l	
12) 1,1-Dichloroethene	4.038	96	2865	4.440	ug/l	94
13) Acrolein	3.897	56	213	19.874	ug/l	95
14) Allyl chloride	4.665	41	3927	4.239	ug/l	98
15) Acrylonitrile	5.373	53	2833	19.531	ug/l	98
16) Acetone	4.123	43	3461	23.673	ug/l	92
17) Carbon Disulfide	4.379	76	7764	4.379	ug/l	96
18) Methyl Acetate	4.678	43	2010	3.940	ug/l #	87
19) Methyl tert-butyl Ether	5.421	73	4860	4.371	ug/l	97
20) Methylene Chloride	4.922	84	8039	9.845	ug/l	88
21) trans-1,2-Dichloroethene	5.415	96	3169	4.314	ug/l	93
22) Diisopropyl ether	6.312	45	7816	4.112	ug/l	92
23) Vinyl Acetate	6.257	43	21304	19.152	ug/l	95
24) 1,1-Dichloroethane	6.214	63	5175	4.279	ug/l	98
25) 2-Butanone	7.171	43	4165	20.059	ug/l	97
26) 2,2-Dichloropropane	7.165	77	4379	5.103	ug/l	98
27) cis-1,2-Dichloroethene	7.165	96	3514	4.282	ug/l	93
28) Bromochloromethane	7.513	49	2101	4.106	ug/l #	100
29) Tetrahydrofuran	7.531	42	2377	18.877	ug/l	98
30) Chloroform	7.677	83	5916	4.447	ug/l	91
31) Cyclohexane	7.958	56	6470	5.514	ug/l #	90
32) 1,1,1-Trichloroethane	7.866	97	5074	4.517	ug/l	98
36) 1,1-Dichloropropene	8.086	75	4644	4.456	ug/l	99
37) Ethyl Acetate	7.257	43	1821	3.831	ug/l	96
38) Carbon Tetrachloride	8.067	117	4681	4.223	ug/l	93
39) Methylcyclohexane	9.335	83	5691	4.350	ug/l	98
40) Benzene	8.323	78	15106	5.084	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1040	4.103	ug/l #	90
42) 1,2-Dichloroethane	8.403	62	3689	4.093	ug/l	100
43) Isopropyl Acetate	8.421	43	3263	3.498	ug/l	96
44) Trichloroethene	9.092	130	3866	4.459	ug/l	93
45) 1,2-Dichloropropane	9.366	63	2777	4.058	ug/l	99
46) Dibromomethane	9.457	93	1775	4.094	ug/l	93
47) Bromodichloromethane	9.646	83	4059	3.957	ug/l #	94
48) Methyl methacrylate	9.439	41	1627	3.921	ug/l	95
49) 1,4-Dioxane	9.451	88	387	61.948	ug/l	93
51) 4-Methyl-2-Pentanone	10.213	43	8892	18.722	ug/l	97
52) Toluene	10.390	92	8440	4.419	ug/l	100
53) t-1,3-Dichloropropene	10.610	75	3664	3.598	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	4455	3.865	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	2421	4.165	ug/l	88
56) Ethyl methacrylate	10.646	69	2723	3.679	ug/l	99
57) 1,3-Dichloropropane	10.933	76	4047	4.135	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.927	63	6735	18.081	ug/l	98
59) 2-Hexanone	10.969	43	5674	17.173	ug/l	100
60) Dibromochloromethane	11.128	129	2909	3.970	ug/l	95
61) 1,2-Dibromoethane	11.231	107	2327	4.035	ug/l	97
64) Tetrachloroethene	10.860	164	3373	4.332	ug/l	88
65) Chlorobenzene	11.658	112	9196	4.364	ug/l	94
66) 1,1,1,2-Tetrachloroethane	11.731	131	3010	3.842	ug/l	97
67) Ethyl Benzene	11.731	91	16116	4.358	ug/l	93
68) m/p-Xylenes	11.841	106	12369	8.273	ug/l	95
69) o-Xylene	12.164	106	6055	4.319	ug/l	100
70) Styrene	12.182	104	9269	3.937	ug/l	97
71) Bromoform	12.353	173	1670	3.687	ug/l #	88
73) Isopropylbenzene	12.463	105	16149	4.220	ug/l	100
74) N-amyl acetate	12.274	43	3265	3.582	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	2443	3.659	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	1739m	3.456	ug/l	
77) Bromobenzene	12.743	156	3924	4.221	ug/l	96
78) n-propylbenzene	12.804	91	19437	4.312	ug/l	99
79) 2-Chlorotoluene	12.890	91	11152	4.281	ug/l	99
80) 1,3,5-Trimethylbenzene	12.938	105	13209	4.025	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.512	75	702m	3.282	ug/l	
82) 4-Chlorotoluene	12.987	91	11427	4.136	ug/l	96
83) tert-Butylbenzene	13.207	119	12303	4.194	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	13567	4.186	ug/l	98
85) sec-Butylbenzene	13.383	105	18011	4.267	ug/l	99
86) p-Isopropyltoluene	13.493	119	15030	4.130	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	8316	4.414	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	8016	4.234	ug/l	90
89) n-Butylbenzene	13.822	91	14070	4.306	ug/l	98
90) Hexachloroethane	14.091	117	2467	3.600	ug/l	98
91) 1,2-Dichlorobenzene	13.865	146	7141	4.315	ug/l	94
92) 1,2-Dibromo-3-Chloropr...	14.481	75	390	3.326	ug/l	95
93) 1,2,4-Trichlorobenzene	15.127	180	4871	4.130	ug/l	95
94) Hexachlorobutadiene	15.231	225	3030	4.530	ug/l	97
95) Naphthalene	15.359	128	8505	3.891	ug/l	100
96) 1,2,3-Trichlorobenzene	15.554	180	4307	4.142	ug/l	99

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

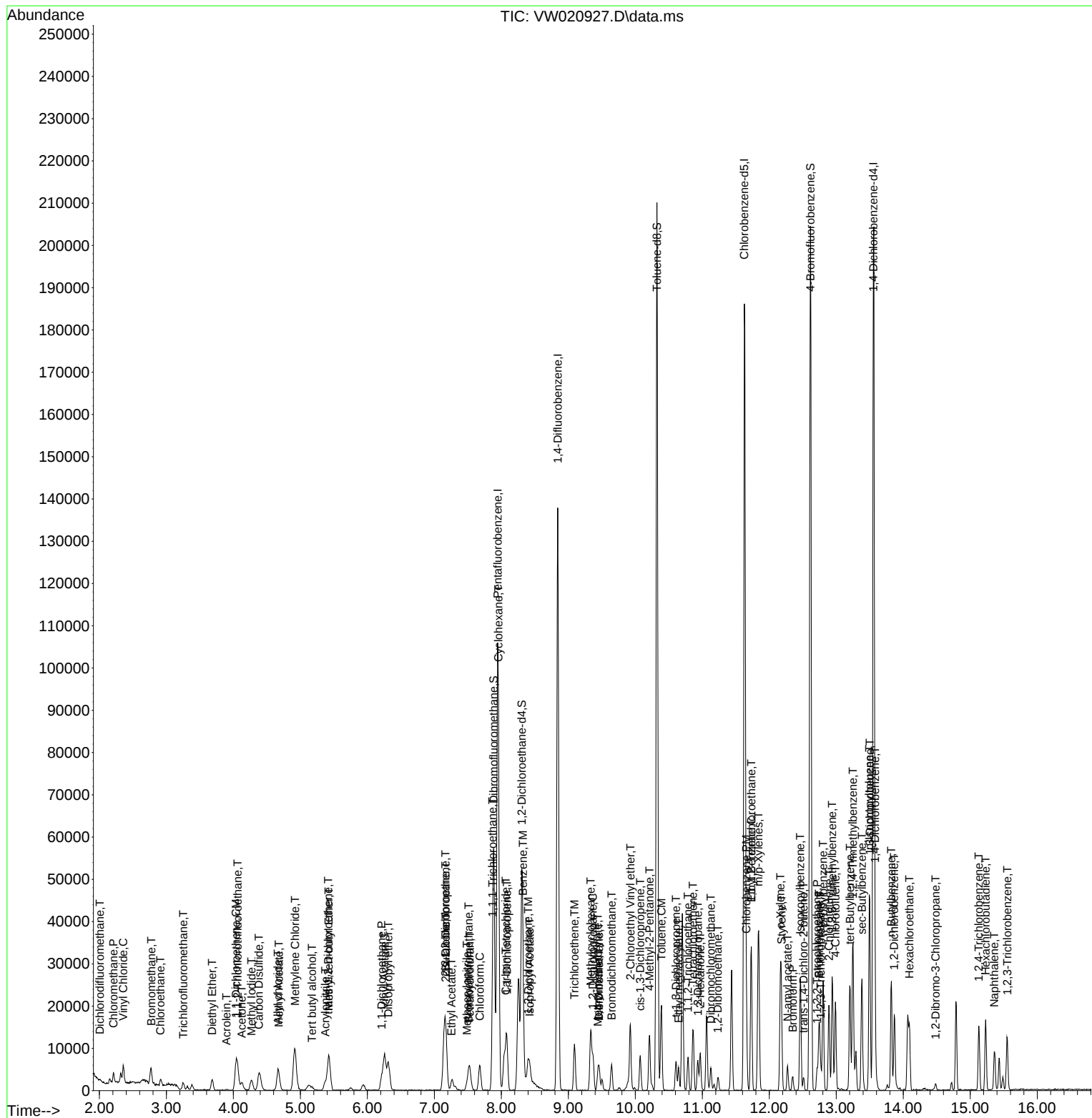
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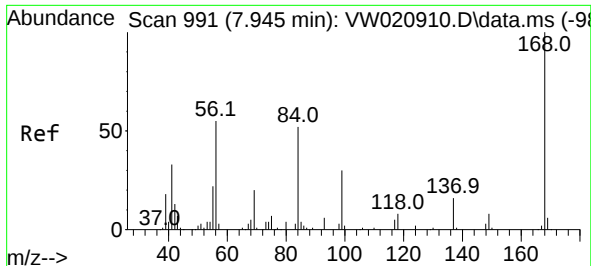
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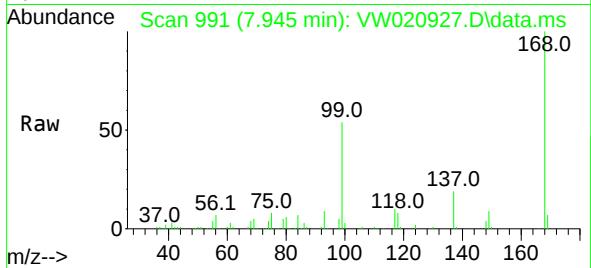
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 Supervised By :Mahesh Dadoda 11/19/2021





#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. 0.000 min
Lab File: VW020927.D
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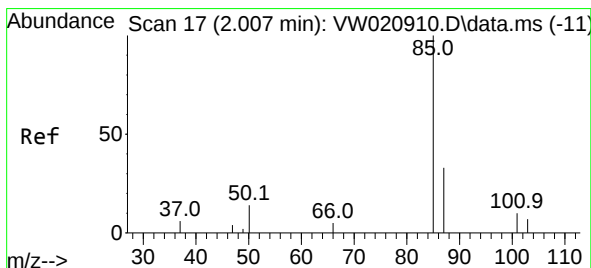
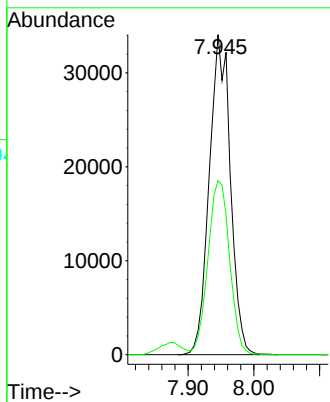
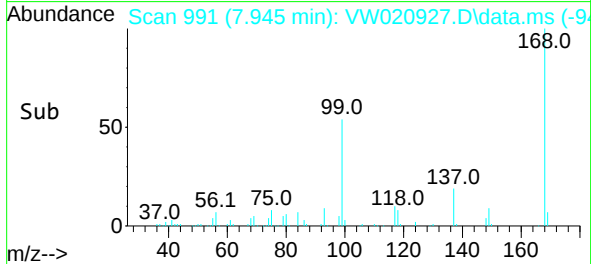
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Tgt Ion:168 Resp: 7592
Ion Ratio Lower Upper
168 100
99 54.4 41.6 62.4

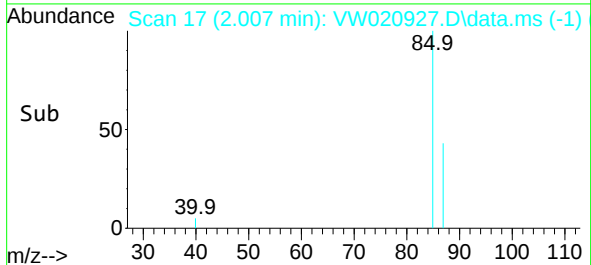
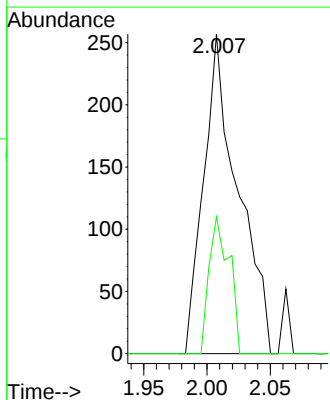
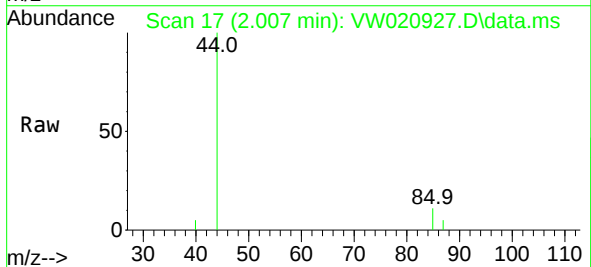
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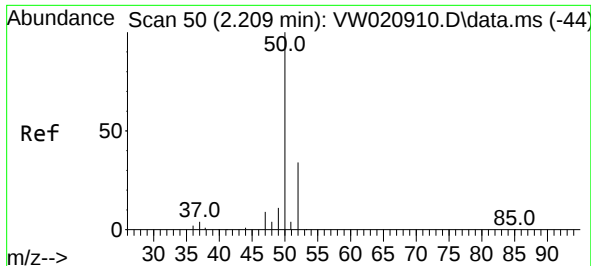
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#2
Dichlorodifluoromethane
Concen: 3.498 ug/l
RT: 2.007 min Scan# 17
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

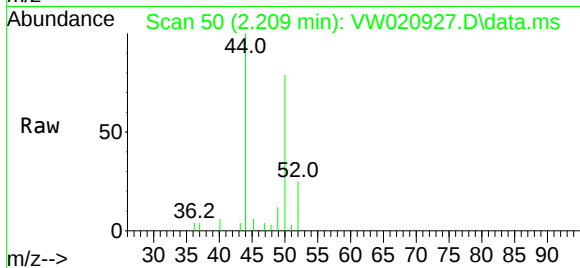
Tgt Ion: 85 Resp: 483
Ion Ratio Lower Upper
85 100
87 42.8 16.8 50.3





#3
Chloromethane
Concen: 4.688 ug/l
RT: 2.209 min Scan# 50
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

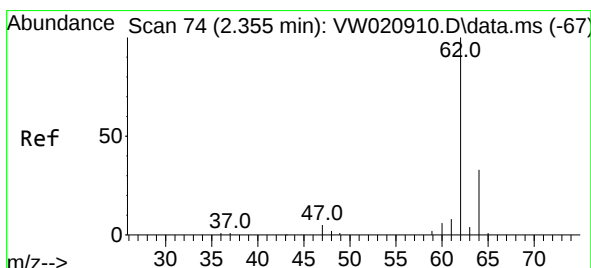
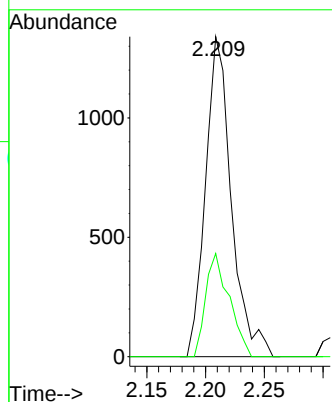
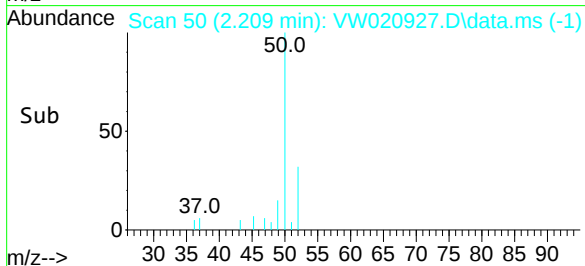
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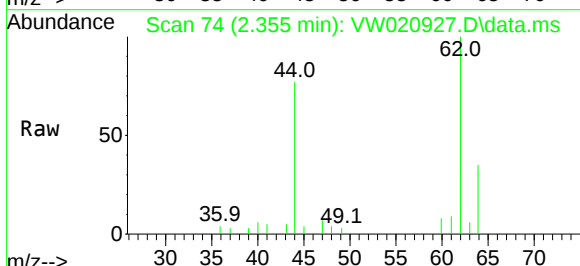
Tgt Ion: 50 Resp: 2049
Ion Ratio Lower Upper
50 100
52 32.2 27.2 40.8

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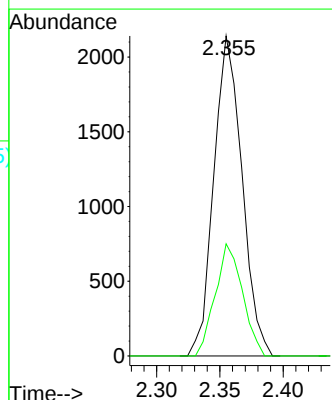
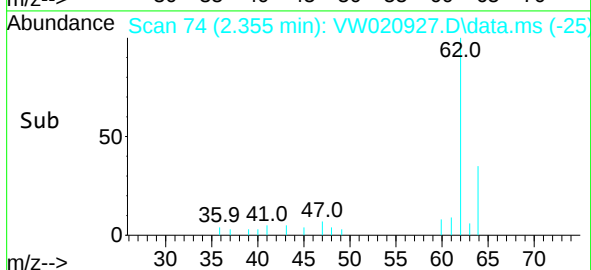
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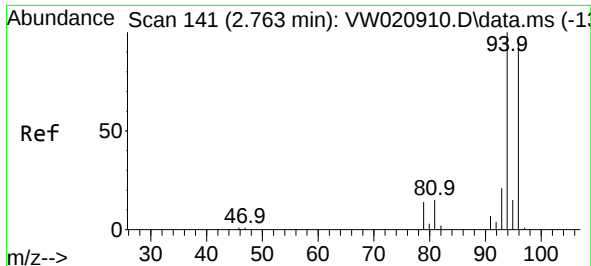


#4
Vinyl Chloride
Concen: 4.310 ug/l
RT: 2.355 min Scan# 74
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



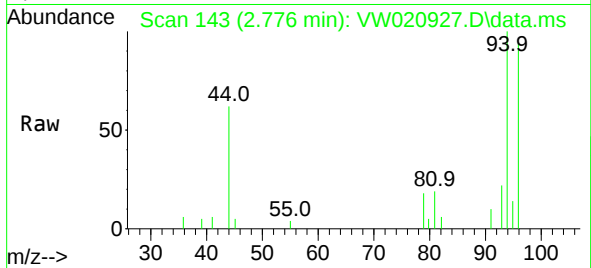
Tgt Ion: 62 Resp: 3317
Ion Ratio Lower Upper
62 100
64 35.1 26.2 39.4





#5
Bromomethane
Concen: 5.971 ug/l
RT: 2.776 min Scan# 141
Delta R.T. 0.012 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

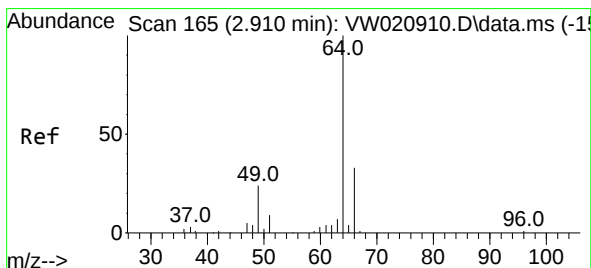
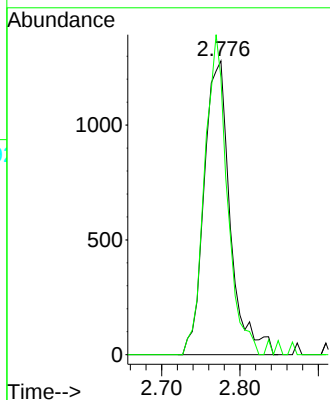
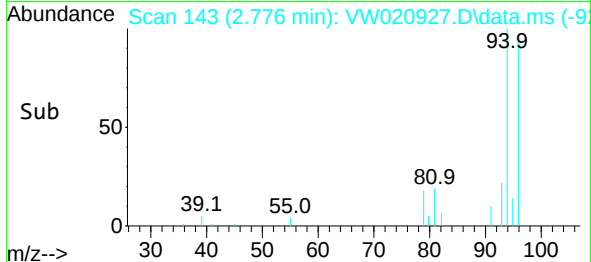
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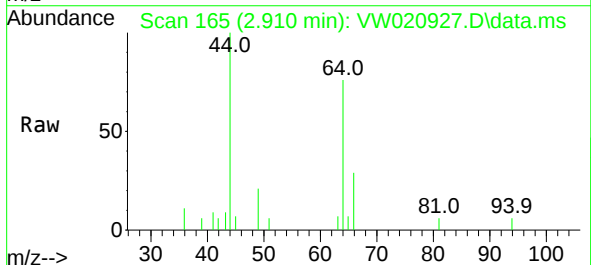
Tgt Ion: 94 Resp: 2958
Ion Ratio Lower Upper
94 100
96 94.2 76.4 114.6

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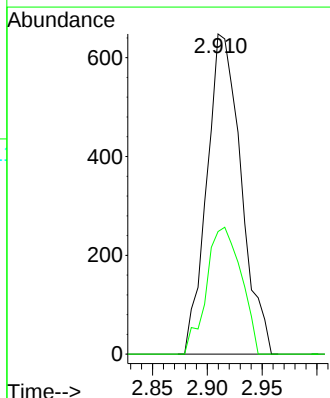
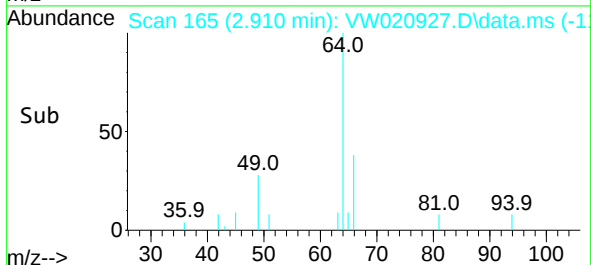
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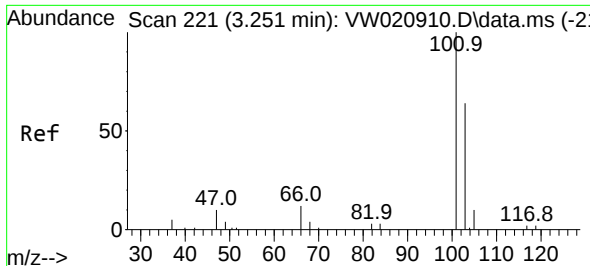


#6
Chloroethane
Concen: 4.743 ug/l
RT: 2.910 min Scan# 165
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



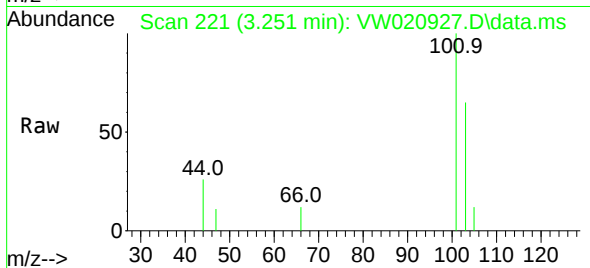
Tgt Ion: 64 Resp: 1407
Ion Ratio Lower Upper
64 100
66 38.3 26.7 40.1





#7
 Trichlorofluoromethane
 Concen: 5.536 ug/l
 RT: 3.251 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VW020927.D
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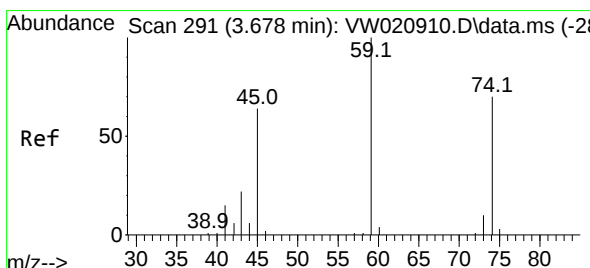
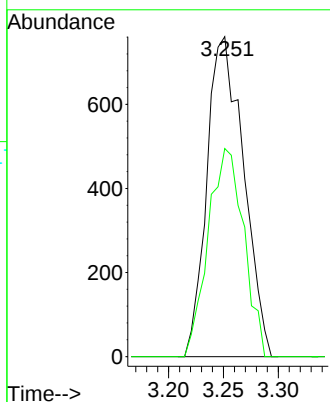
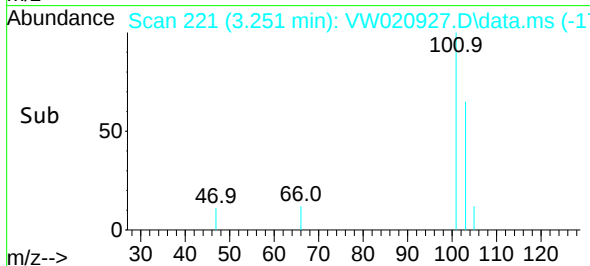
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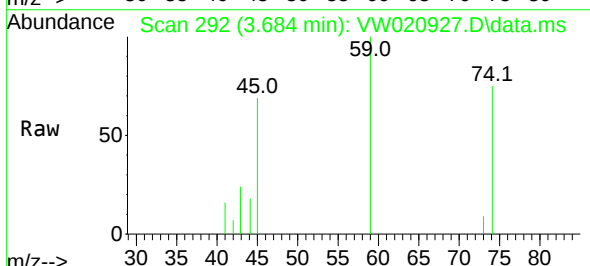
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 Ion Ratio Lower Upper
 101 100
 103 65.0 50.9 76.3

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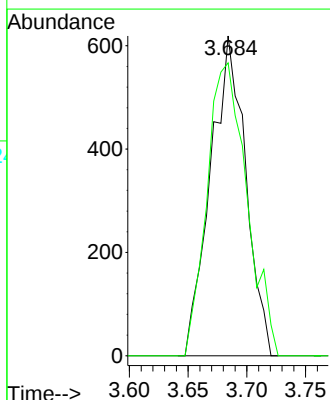
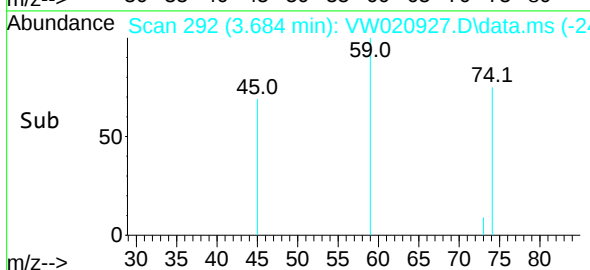
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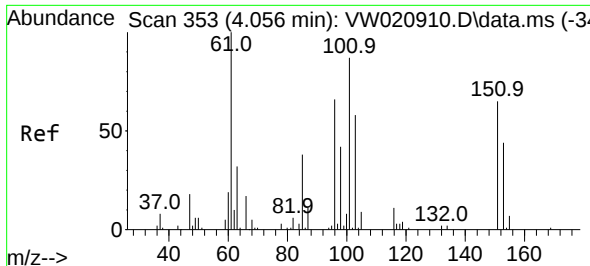


#8
 Diethyl Ether
 Concen: 3.833 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.006 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56



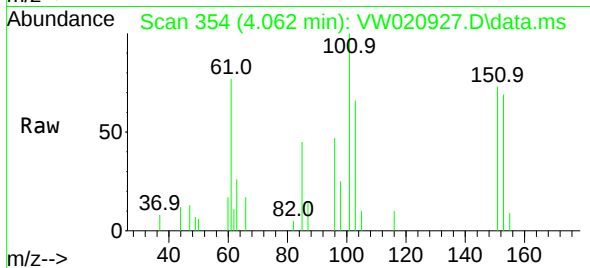
Tgt Ion: 74 Resp: 1285
 Ion Ratio Lower Upper
 74 100
 45 103.9 45.3 135.8





#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.756 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

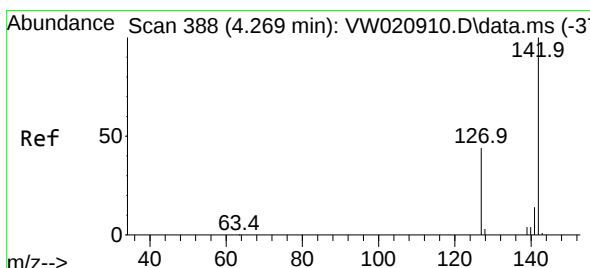
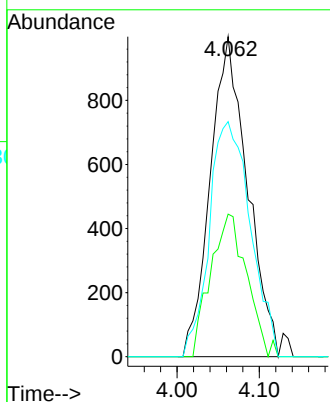
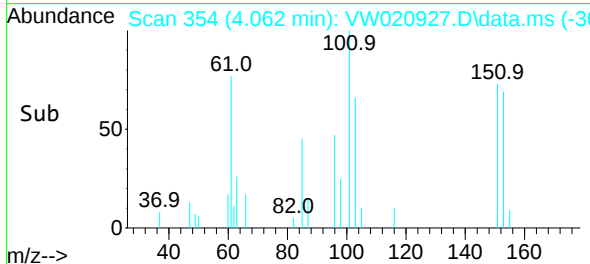
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



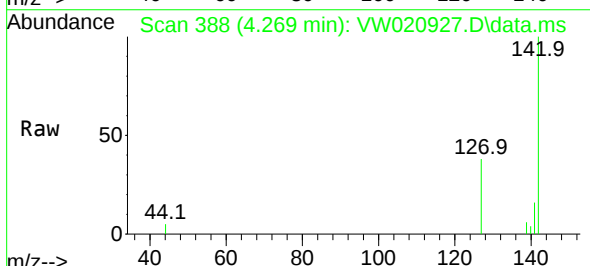
Tgt Ion:101 Resp: 313
Ion Ratio Lower Upper
101 100
85 43.5 36.6 54.8
151 81.1 66.3 99.5

Manual Integrations
APPROVED

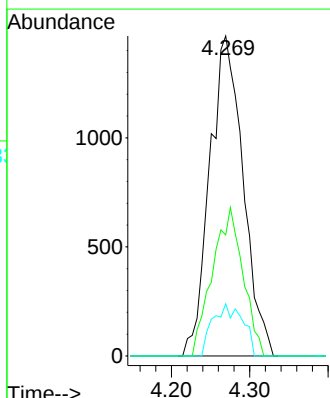
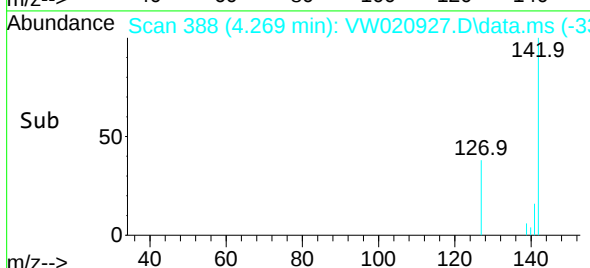
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

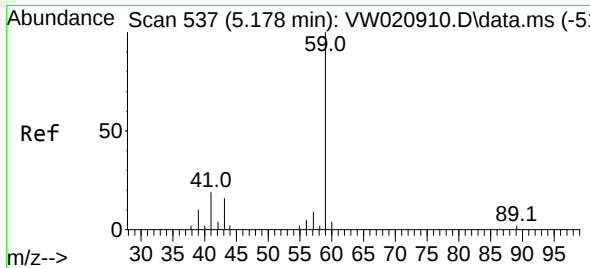


#10
Methyl Iodide
Concen: 4.370 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion:142 Resp: 4340
Ion Ratio Lower Upper
142 100
127 42.5 35.5 53.3
141 14.6 11.5 17.3





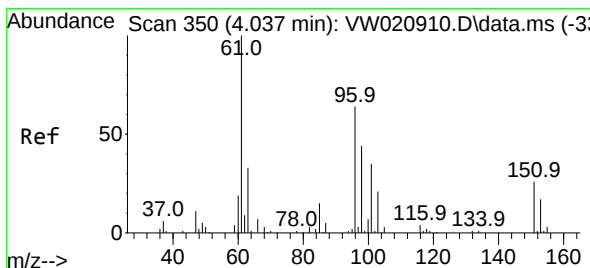
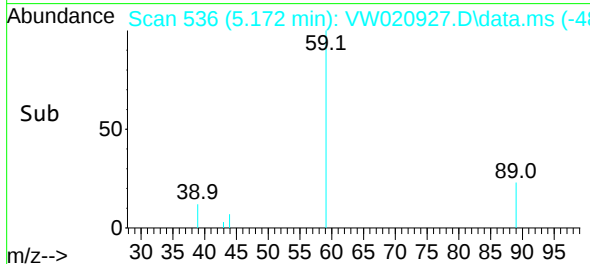
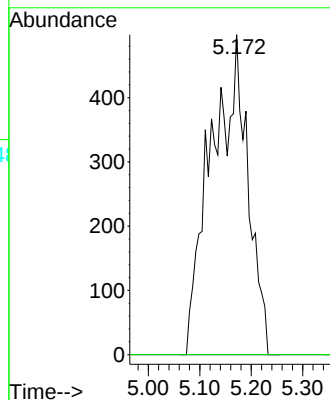
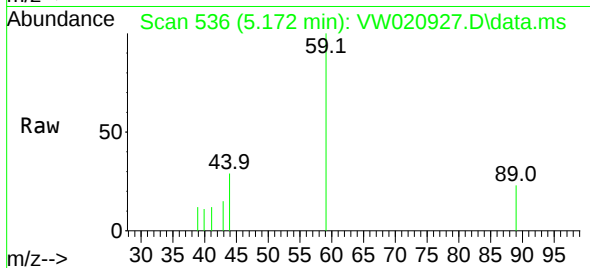
#11
Tert butyl alcohol
Concen: 39.217 ug/l m
RT: 5.172 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

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

Tgt Ion: 59 Resp: 2430
Ion Ratio Lower Upper
59 100
57 0.0 4.3 6.5

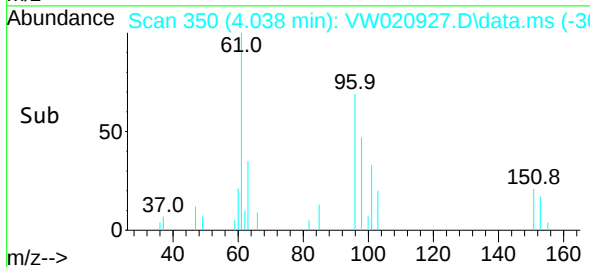
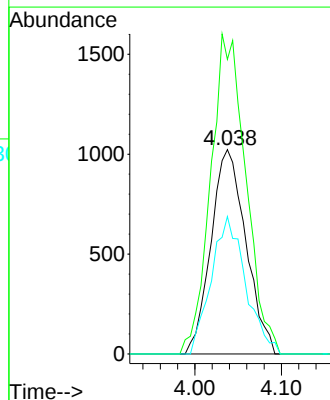
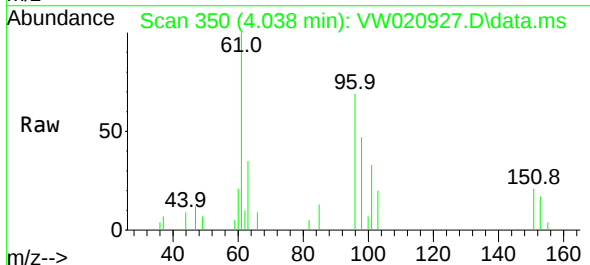
Manual Integrations
APPROVED

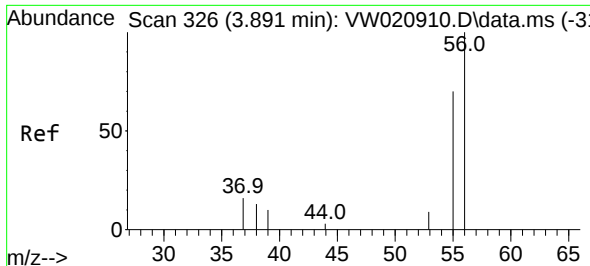
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#12
1,1-Dichloroethene
Concen: 4.440 ug/l
RT: 4.038 min Scan# 350
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

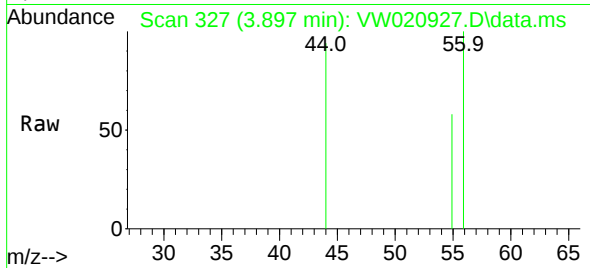
Tgt Ion: 96 Resp: 2865
Ion Ratio Lower Upper
96 100
61 144.2 124.4 186.6
98 67.3 54.2 81.2





#13
Acrolein
Concen: 19.874 ug/l
RT: 3.897 min Scan# 31
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

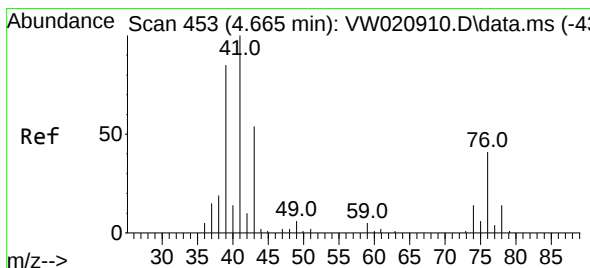
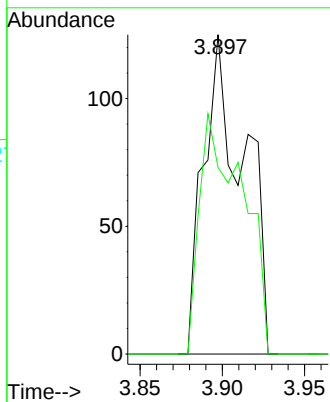
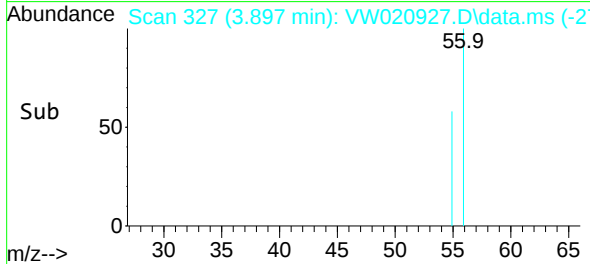
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 56 Resp: 21
Ion Ratio Lower Upper
56 100
55 81.2 61.2 91.8

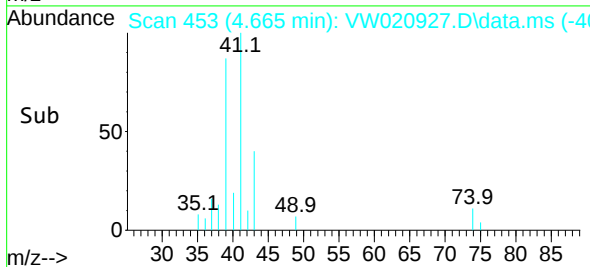
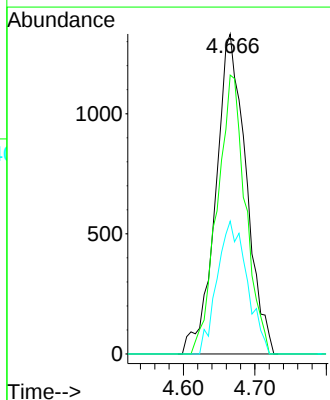
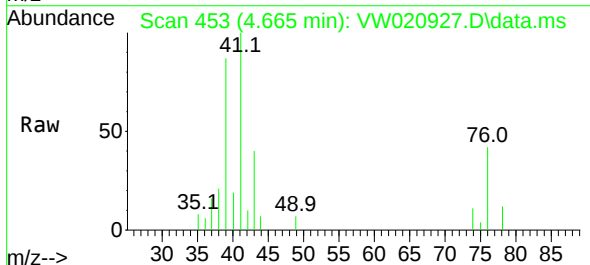
Manual Integrations
APPROVED

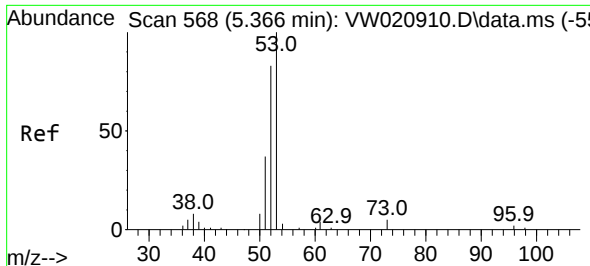
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#14
Allyl chloride
Concen: 4.239 ug/l
RT: 4.665 min Scan# 453
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

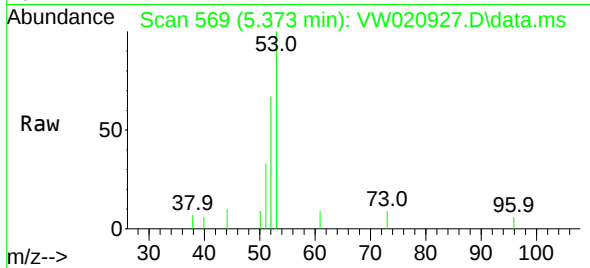
Tgt Ion: 41 Resp: 3927
Ion Ratio Lower Upper
41 100
39 81.3 63.4 95.2
76 40.7 32.2 48.4





#15
Acrylonitrile
Concen: 19.531 ug/l
RT: 5.373 min Scan# 50
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

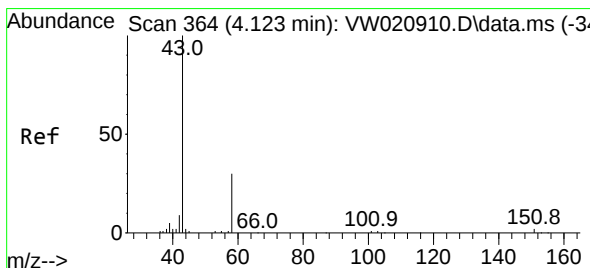
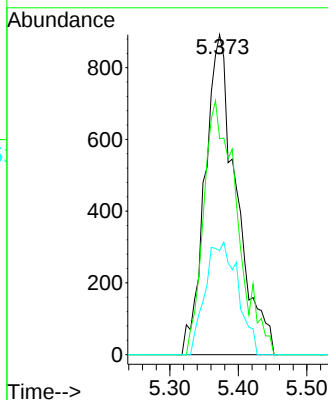
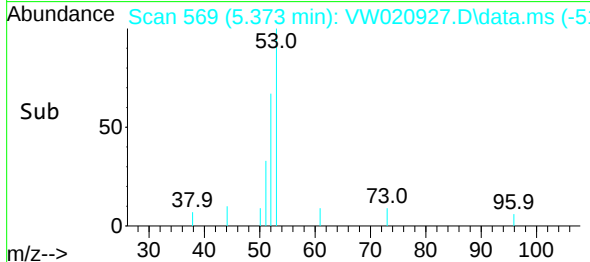
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 53 Resp: 283
Ion Ratio Lower Upper
53 100
52 84.4 65.9 98.9
51 36.7 29.8 44.6

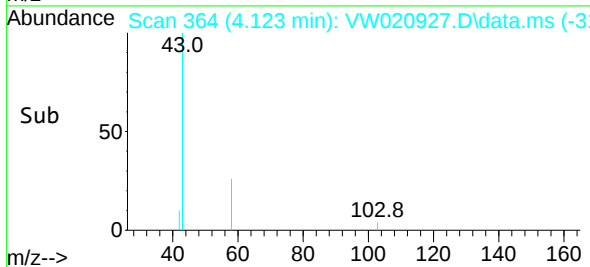
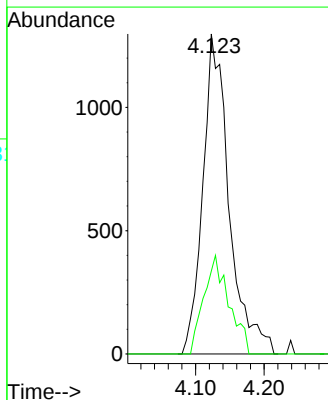
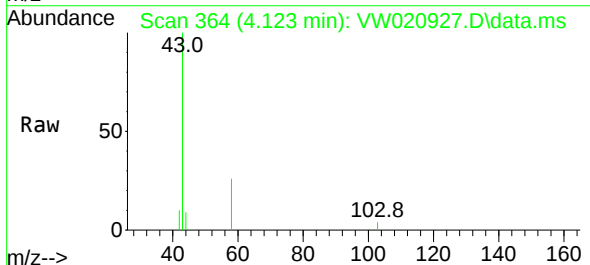
Manual Integrations
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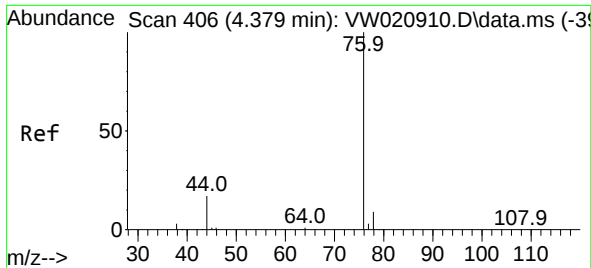
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#16
Acetone
Concen: 23.673 ug/l
RT: 4.123 min Scan# 364
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

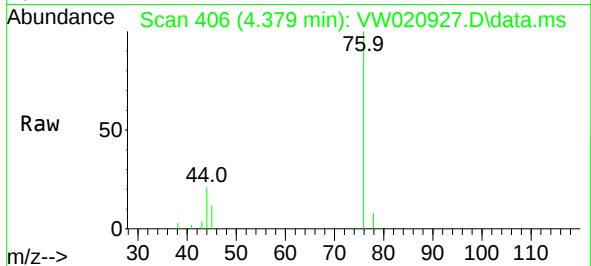
Tgt Ion: 43 Resp: 3461
Ion Ratio Lower Upper
43 100
58 25.9 24.2 36.2





#17
Carbon Disulfide
Concen: 4.379 ug/l
RT: 4.379 min Scan# 406
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

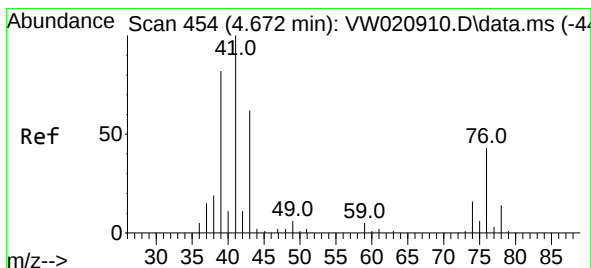
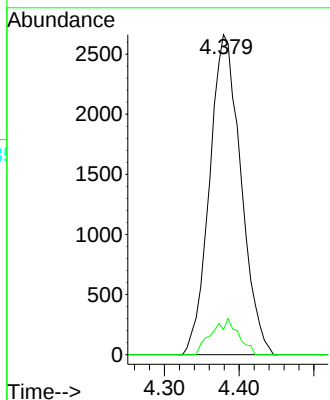
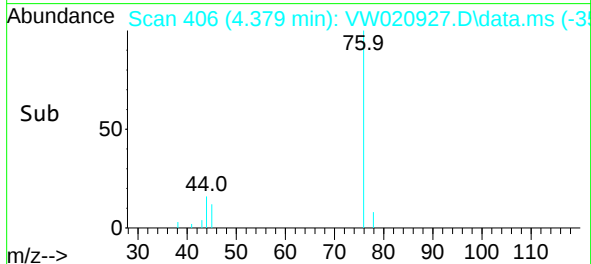
Instrument : MSVOA_W
Client Sample Id : LOD-MDL-SOIL-01-QT4-2021



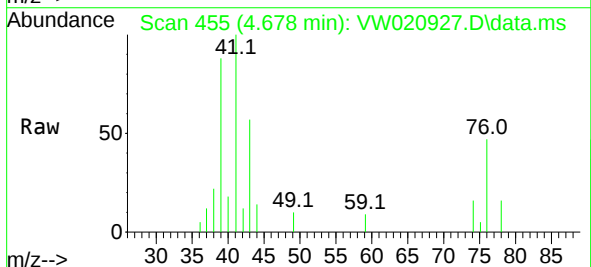
Tgt Ion: 76 Resp: 7764
Ion Ratio Lower Upper
76 100
78 7.8 7.3 10.9

Manual Integrations
APPROVED

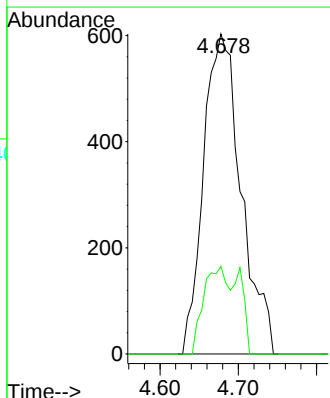
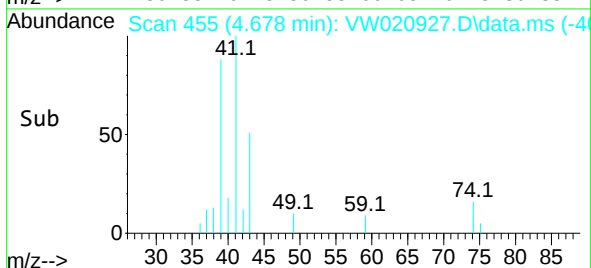
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

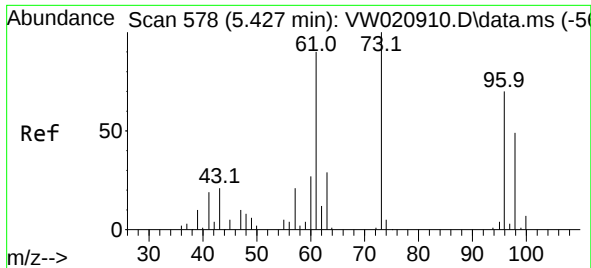


#18
Methyl Acetate
Concen: 3.940 ug/l
RT: 4.678 min Scan# 455
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



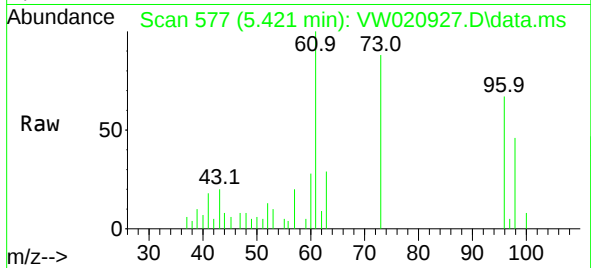
Tgt Ion: 43 Resp: 2010
Ion Ratio Lower Upper
43 100
74 18.4 19.7 29.5#





#19
Methyl tert-butyl Ether
Concen: 4.371 ug/l
RT: 5.421 min Scan# 51
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

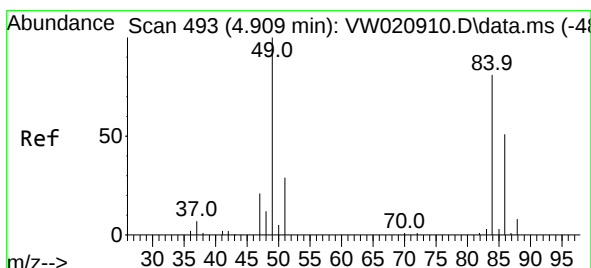
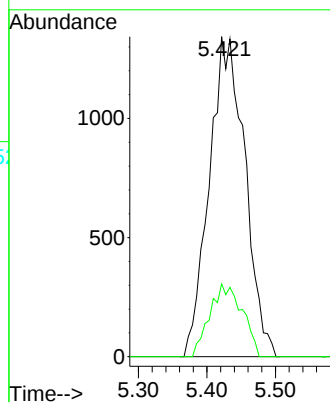
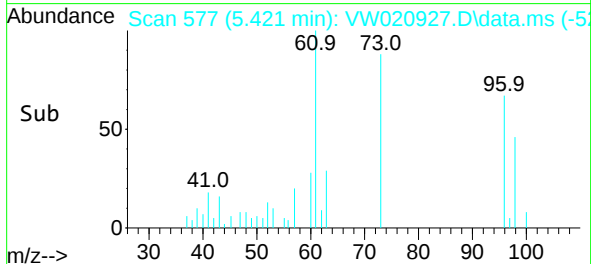
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 73 Resp: 4860
Ion Ratio Lower Upper
73 100
57 22.8 17.0 25.6

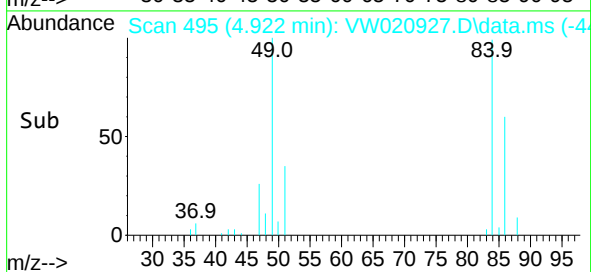
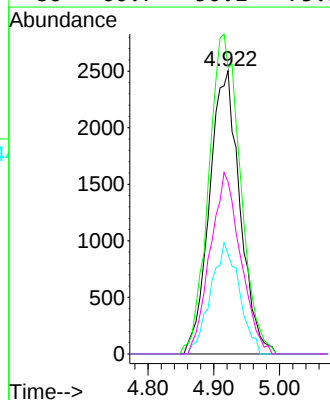
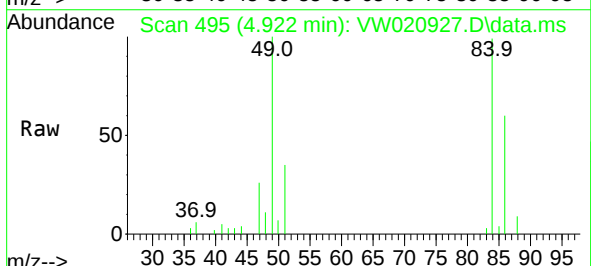
Manual Integrations
APPROVED

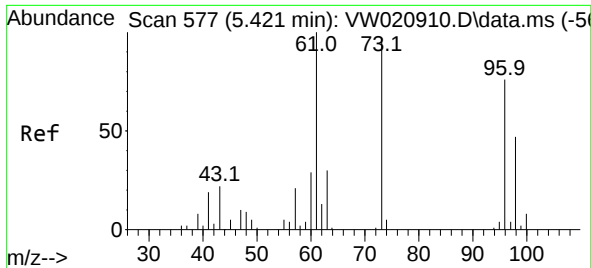
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#20
Methylene Chloride
Concen: 9.845 ug/l
RT: 4.922 min Scan# 495
Delta R.T. 0.013 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

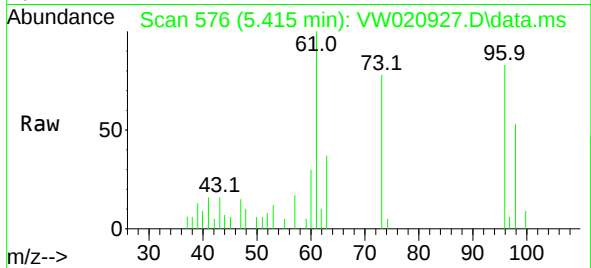
Tgt Ion: 84 Resp: 8039
Ion Ratio Lower Upper
84 100
49 101.2 99.1 148.7
51 35.4 28.8 43.2
86 60.7 50.1 75.1





#21
trans-1,2-Dichloroethene
Concen: 4.314 ug/l
RT: 5.415 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

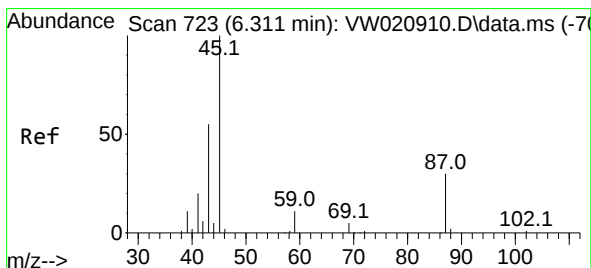
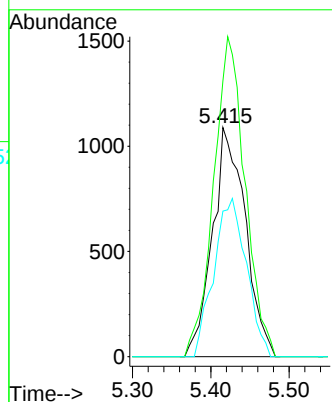
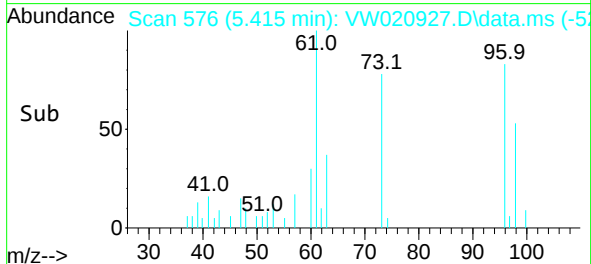
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



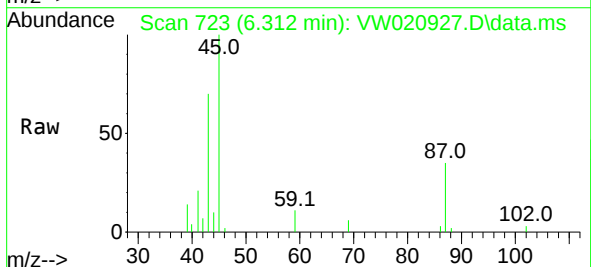
Tgt Ion: 96 Resp: 3169
Ion Ratio Lower Upper
96 100
61 120.4 105.7 158.5
98 63.5 49.7 74.5

Manual Integrations
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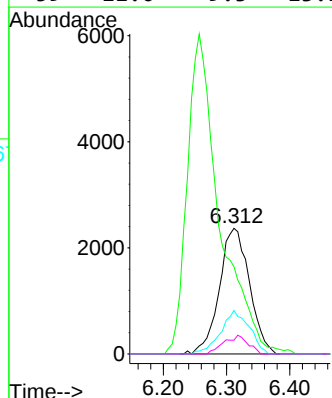
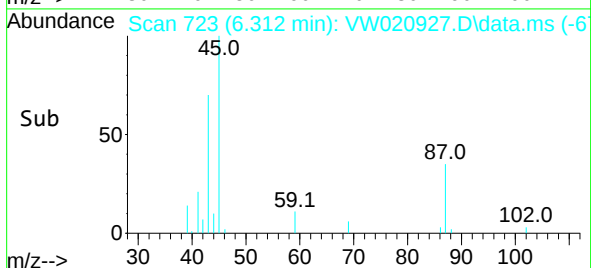
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

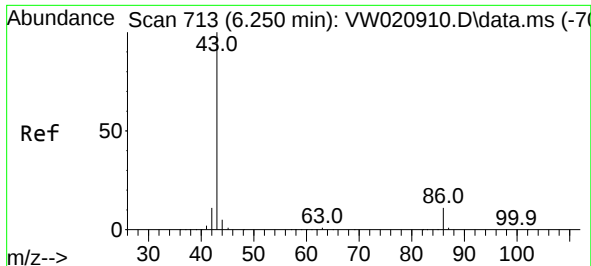


#22
Diisopropyl ether
Concen: 4.112 ug/l
RT: 6.312 min Scan# 723
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion: 45 Resp: 7816
Ion Ratio Lower Upper
45 100
43 66.0 46.2 69.4
87 34.7 25.0 37.6
59 11.0 9.3 13.9





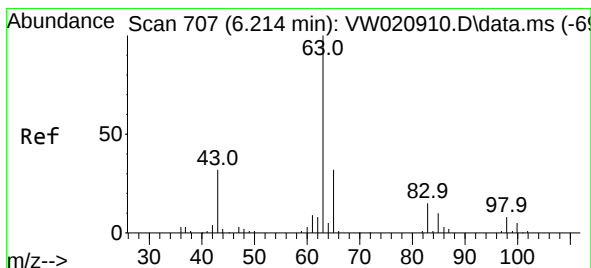
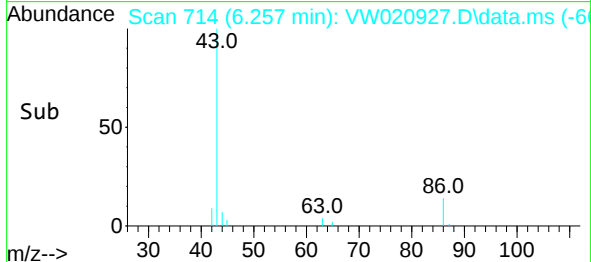
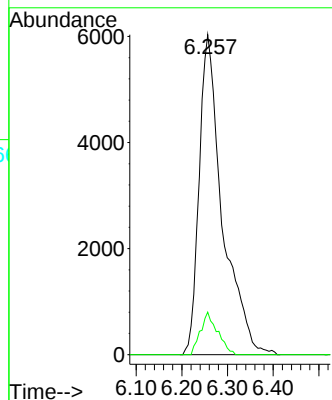
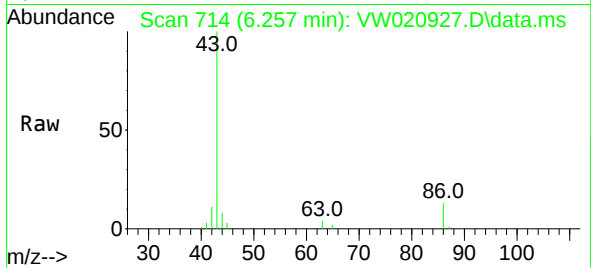
#23
 Vinyl Acetate
 Concen: 19.152 ug/l
 RT: 6.257 min Scan# 713
 Delta R.T. 0.006 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

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

Tgt Ion: 43 Resp: 21304
 Ion Ratio Lower Upper
 43 100
 86 13.3 9.2 13.8

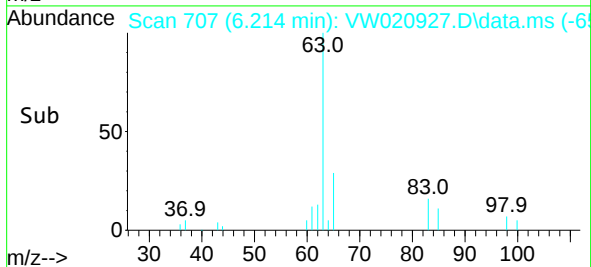
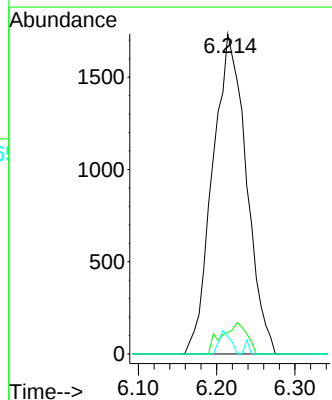
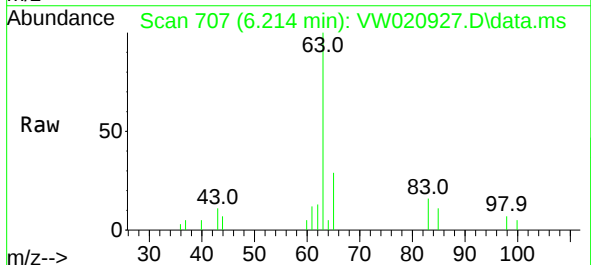
Manual Integrations
 APPROVED

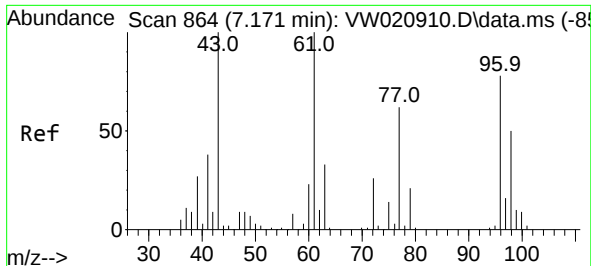
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#24
 1,1-Dichloroethane
 Concen: 4.279 ug/l
 RT: 6.214 min Scan# 707
 Delta R.T. 0.000 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

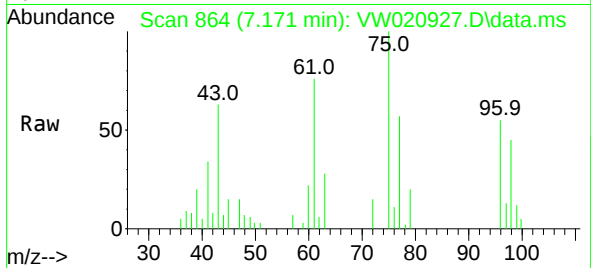
Tgt Ion: 63 Resp: 5175
 Ion Ratio Lower Upper
 63 100
 98 6.7 4.0 12.2
 100 5.4 2.6 8.0





#25
2-Butanone
Concen: 20.059 ug/l
RT: 7.171 min Scan# 864
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

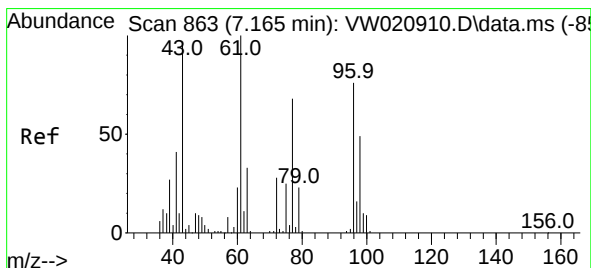
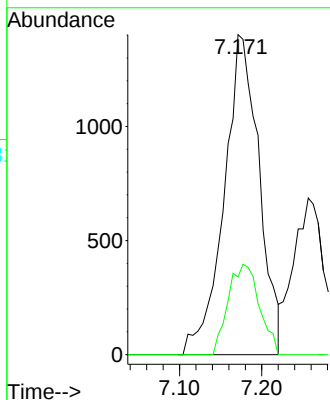
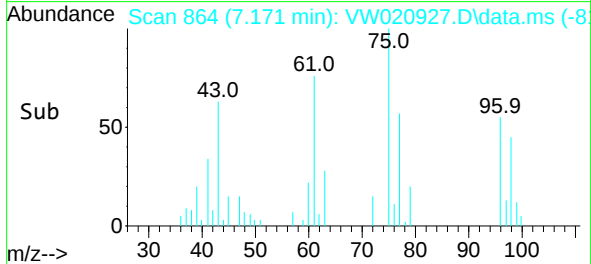
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



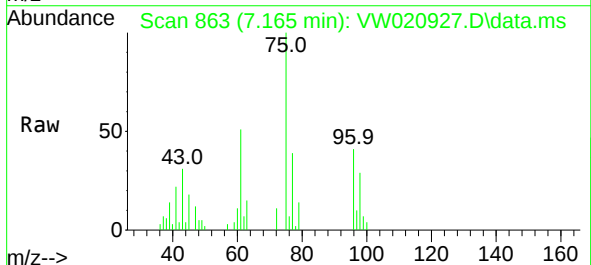
Tgt Ion: 43 Resp: 416
Ion Ratio Lower Upper
43 100
72 24.3 20.7 31.1

Manual Integrations
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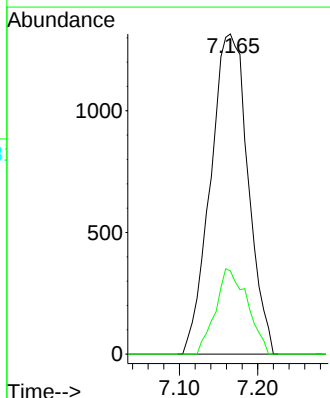
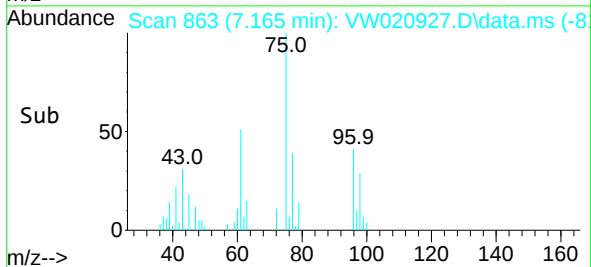
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

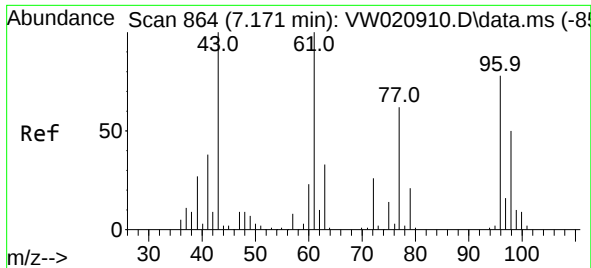


#26
2,2-Dichloropropane
Concen: 5.103 ug/l
RT: 7.165 min Scan# 863
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



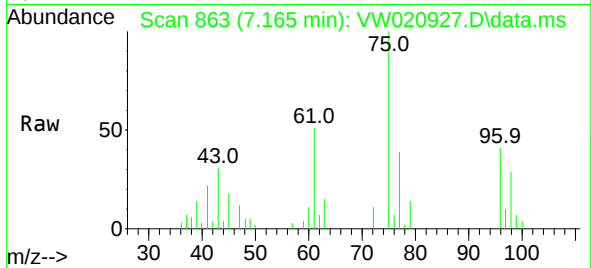
Tgt Ion: 77 Resp: 4379
Ion Ratio Lower Upper
77 100
97 22.6 11.7 35.1





#27
 cis-1,2-Dichloroethene
 Concen: 4.282 ug/l
 RT: 7.165 min Scan# 864
 Delta R.T. -0.006 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

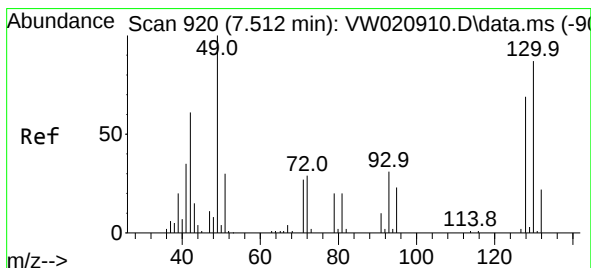
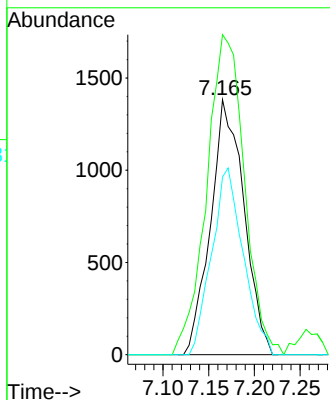
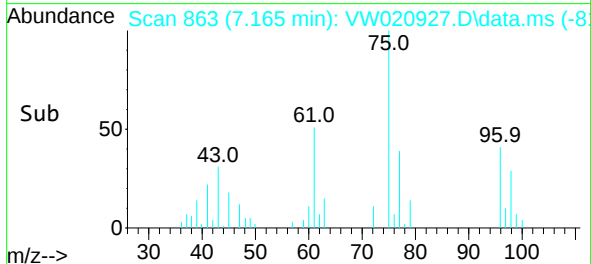
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 96 Resp: 3514
 Ion Ratio Lower Upper
 96 100
 61 141.6 0.0 266.6
 98 69.2 0.0 129.4

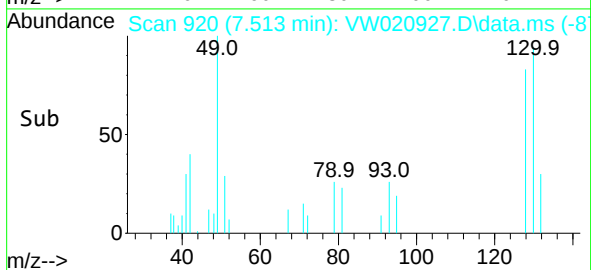
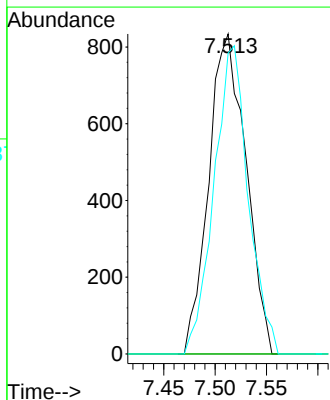
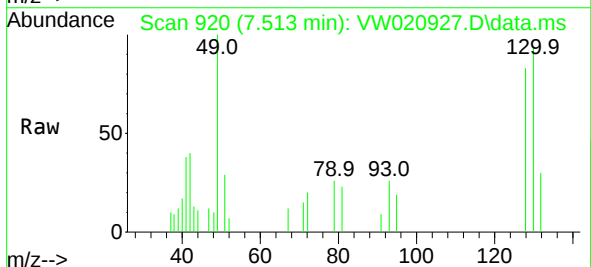
Manual Integrations
 APPROVED

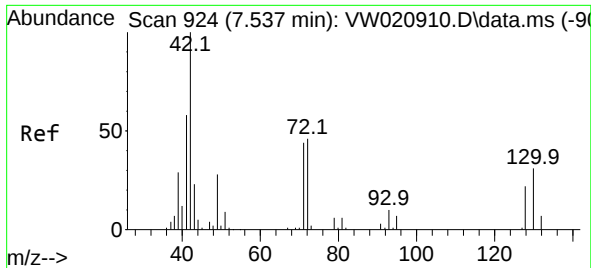
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#28
 Bromochloromethane
 Concen: 4.106 ug/l
 RT: 7.513 min Scan# 920
 Delta R.T. 0.000 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

Tgt Ion: 49 Resp: 2101
 Ion Ratio Lower Upper
 49 100
 129 0.0 0.0 4.4
 130 88.6 70.8 106.2





#29

Tetrahydrofuran

Concen: 18.877 ug/l

RT: 7.531 min Scan# 91

Delta R.T. -0.006 min

Lab File: VW020927.D

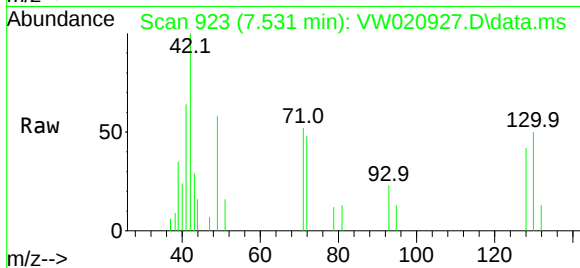
Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

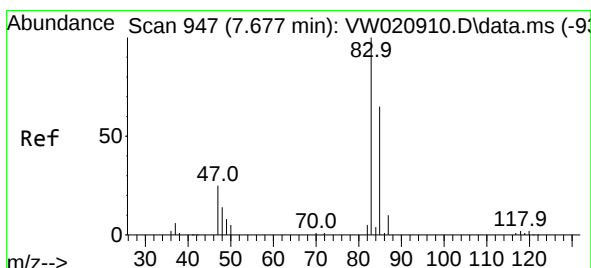
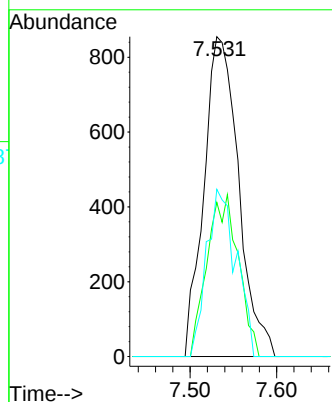
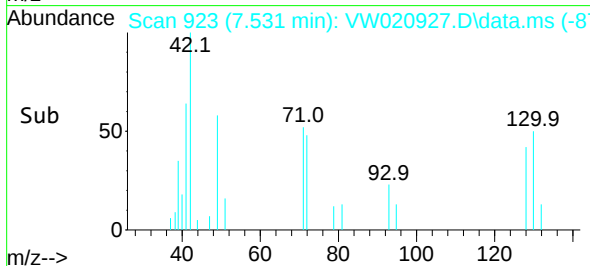


Tgt Ion:	42	Resp:	237
Ion	Ratio	Lower	Upper
42	100		
72	45.8	37.4	56.0
71	44.6	34.7	52.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#30

Chloroform

Concen: 4.447 ug/l

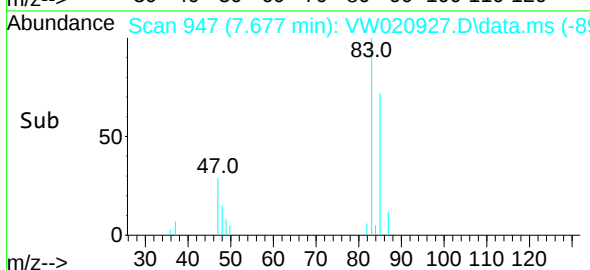
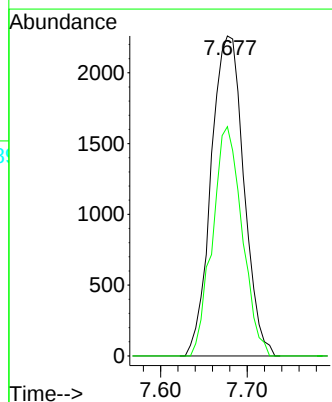
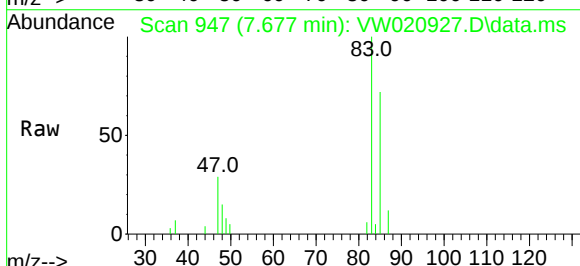
RT: 7.677 min Scan# 947

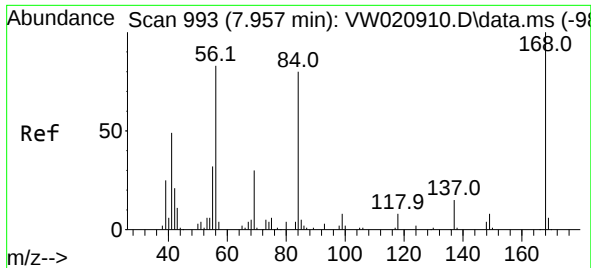
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

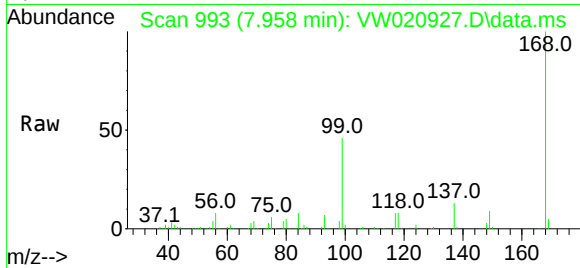
Tgt Ion:	83	Resp:	5916
Ion	Ratio	Lower	Upper
83	100		
85	71.6	51.7	77.5





#31
Cyclohexane
Concen: 5.514 ug/l
RT: 7.958 min Scan# 993
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

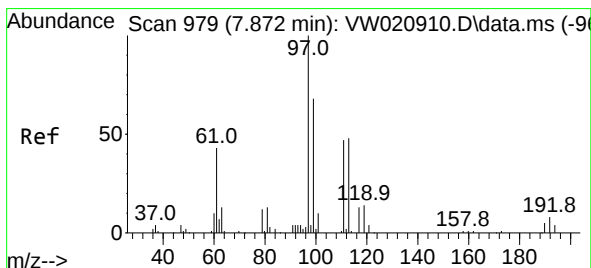
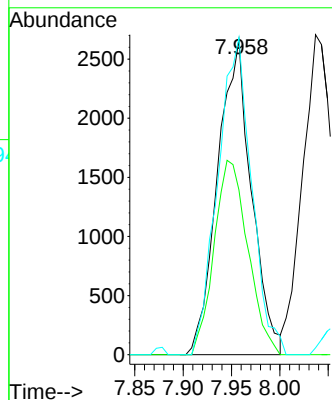
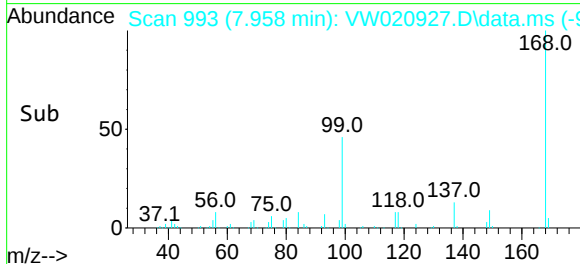
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



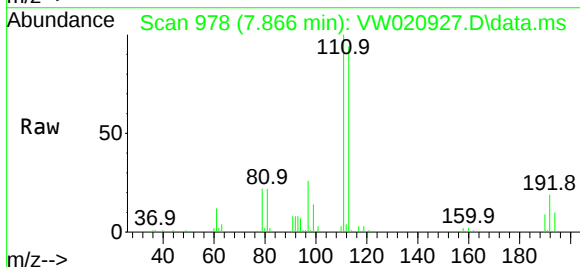
Tgt Ion: 56 Resp: 6470
Ion Ratio Lower Upper
56 100
69 52.3 28.7 43.1
84 100.7 77.6 116.4

Manual Integrations
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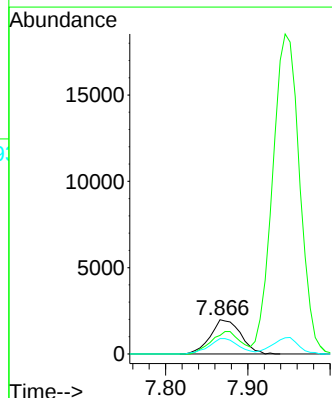
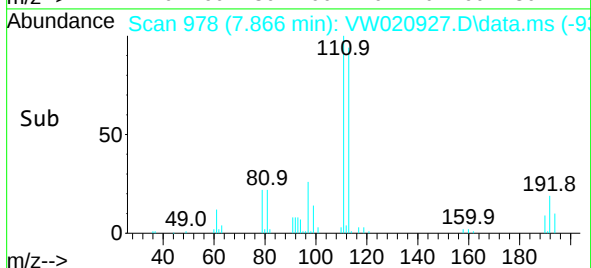
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

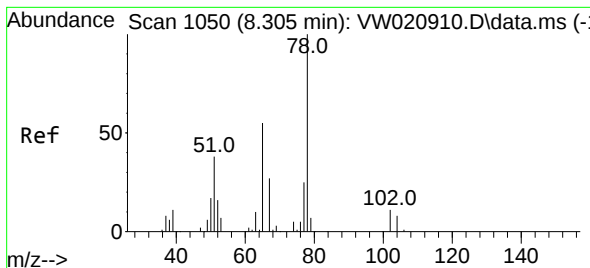


#32
1,1,1-Trichloroethane
Concen: 4.517 ug/l
RT: 7.866 min Scan# 978
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



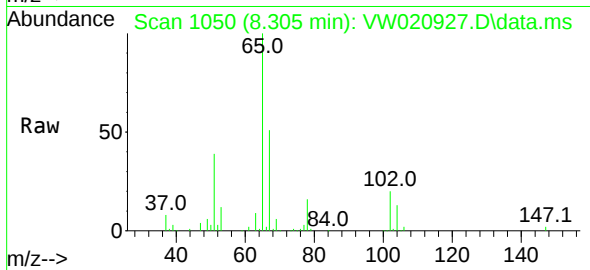
Tgt Ion: 97 Resp: 5074
Ion Ratio Lower Upper
97 100
99 63.4 52.0 78.0
61 43.5 34.2 51.2





#33
1,2-Dichloroethane-d4
Concen: 50.318 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

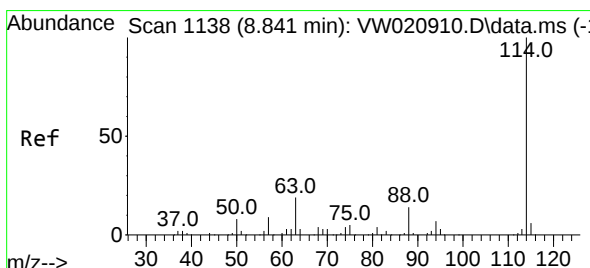
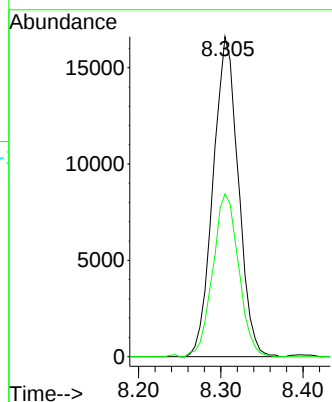
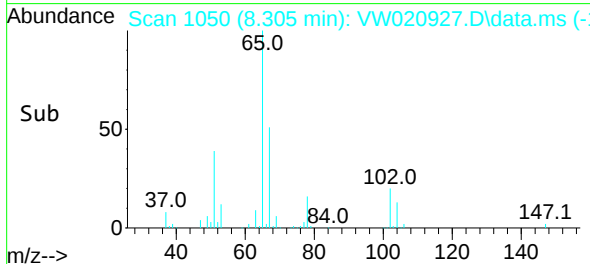
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



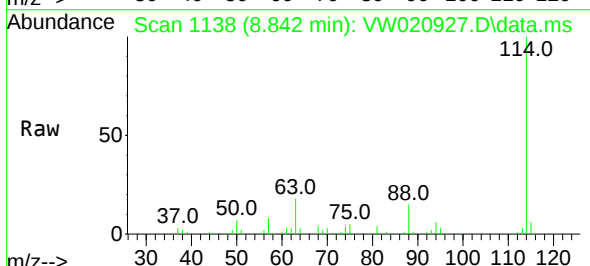
Tgt Ion: 65 Resp: 35389
Ion Ratio Lower Upper
65 100
67 52.1 0.0 100.2

Manual Integrations
APPROVED

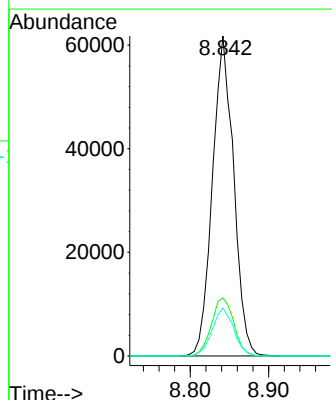
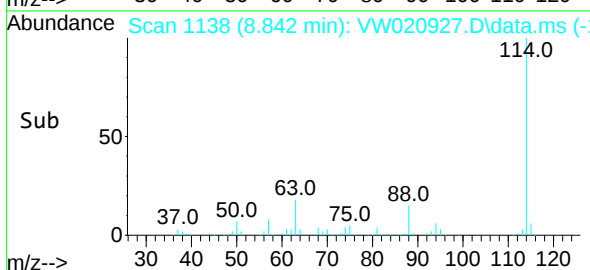
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

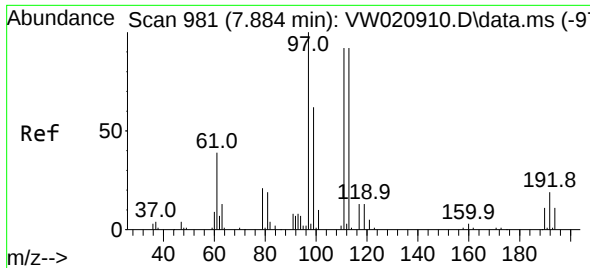


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



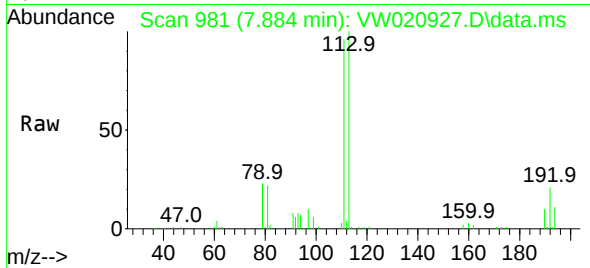
Tgt Ion:114 Resp: 116001
Ion Ratio Lower Upper
114 100
63 18.1 0.0 37.2
88 15.0 0.0 28.8





#35
Dibromofluoromethane
Concen: 50.735 ug/l
RT: 7.884 min Scan# 981
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

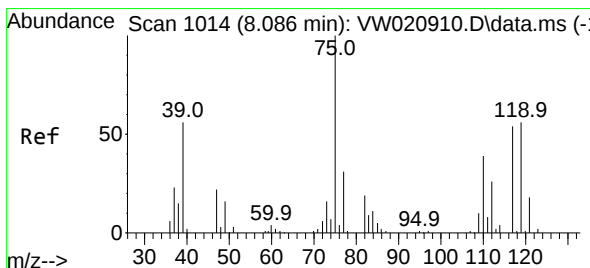
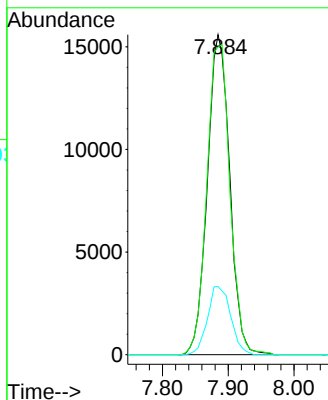
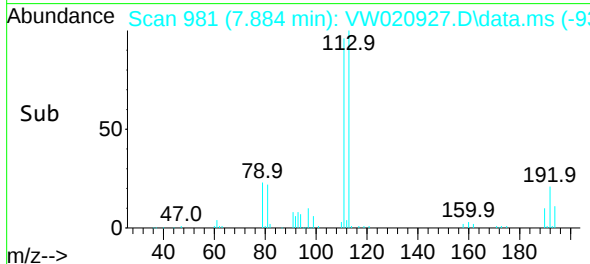
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 113 Resp: 36910
Ion Ratio Lower Upper
113 100
111 100.5 81.2 121.8
192 22.1 16.8 25.2

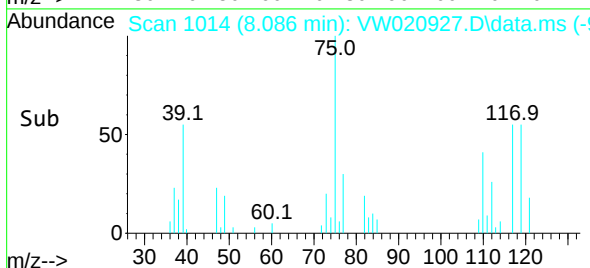
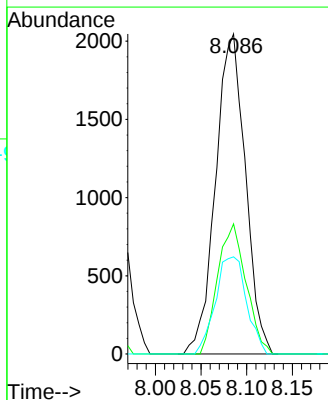
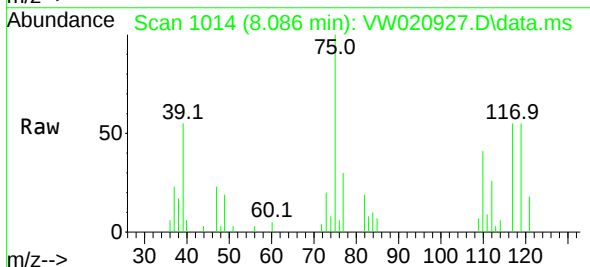
Manual Integrations
APPROVED

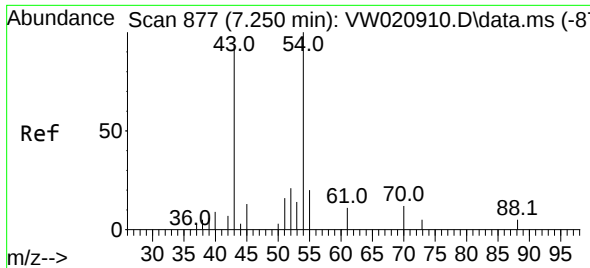
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#36
1,1-Dichloropropene
Concen: 4.456 ug/l
RT: 8.086 min Scan# 1014
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

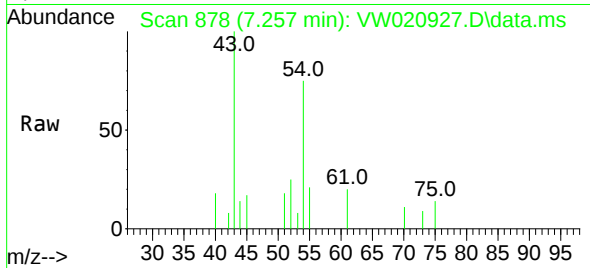
Tgt Ion: 75 Resp: 4644
Ion Ratio Lower Upper
75 100
110 38.8 19.1 57.5
77 31.6 24.8 37.2





#37
Ethyl Acetate
Concen: 3.831 ug/l
RT: 7.257 min Scan# 81
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

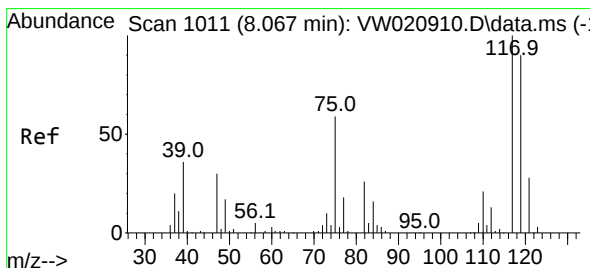
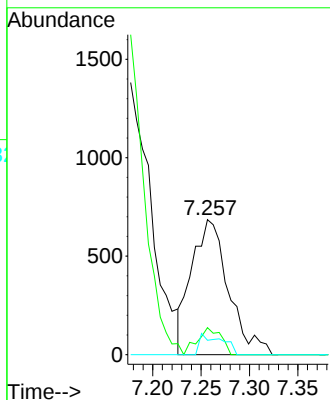
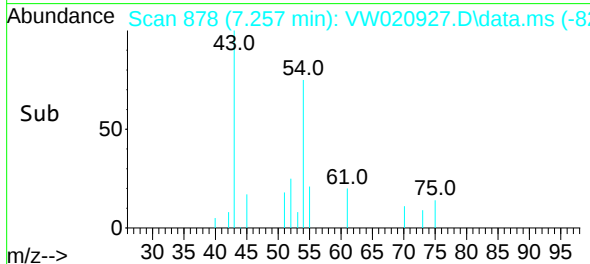
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 182
Ion Ratio Lower Upper
43 100
61 12.7 11.3 16.9
70 9.4 9.2 13.8

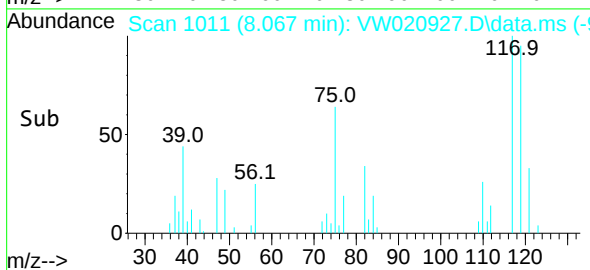
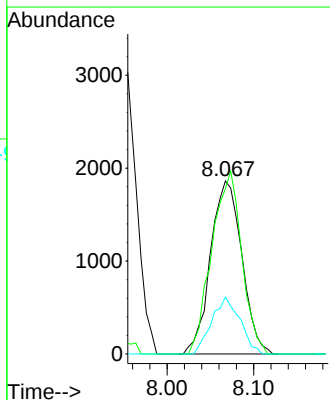
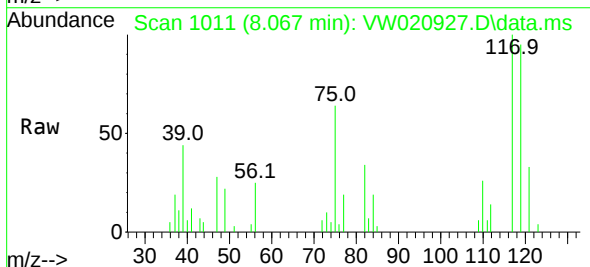
Manual Integrations
APPROVED

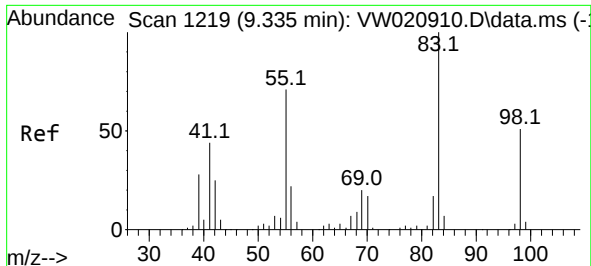
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#38
Carbon Tetrachloride
Concen: 4.223 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion:117 Resp: 4681
Ion Ratio Lower Upper
117 100
119 95.5 72.0 108.0
121 32.9 22.6 33.8





#39

Methylcyclohexane

Concen: 4.350 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

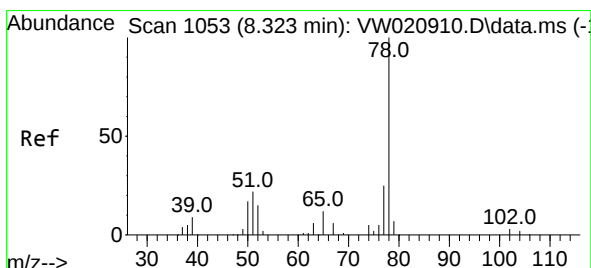
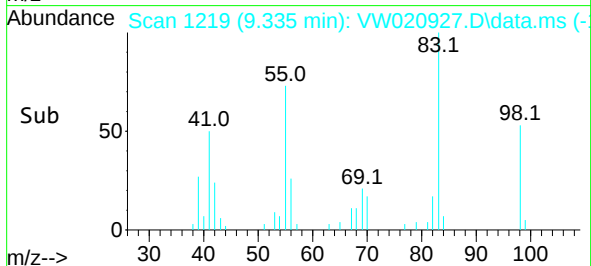
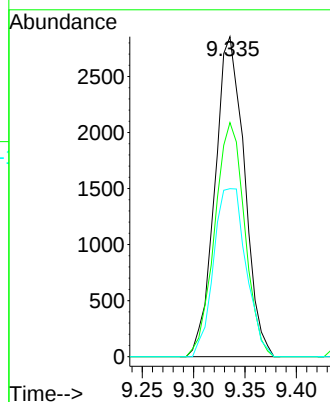
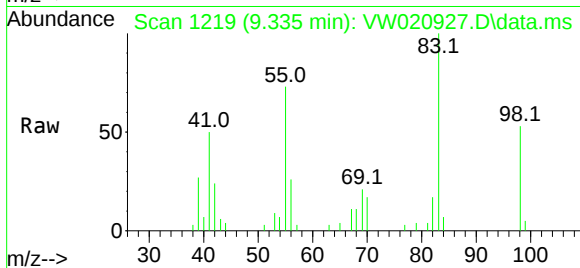
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 83	Resp: 569
Ion Ratio	Lower Upper
83	100
55	73.1 56.6 85.0
98	52.5 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#40

Benzene

Concen: 5.084 ug/l

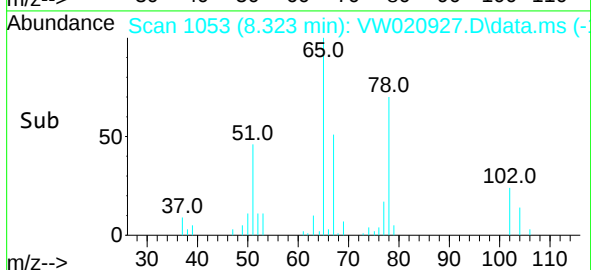
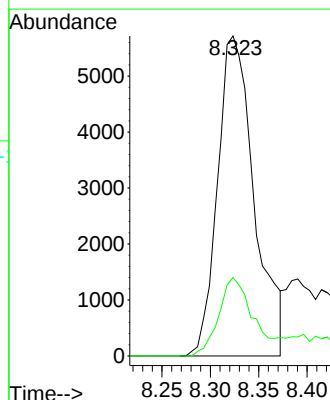
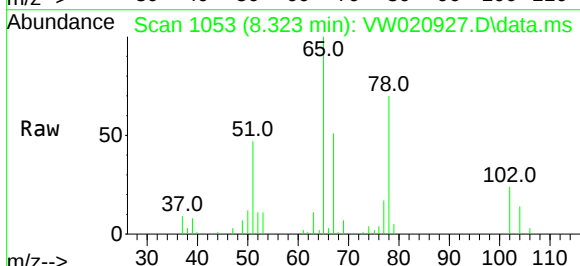
RT: 8.323 min Scan# 1053

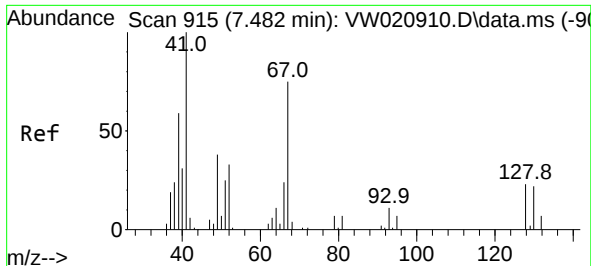
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

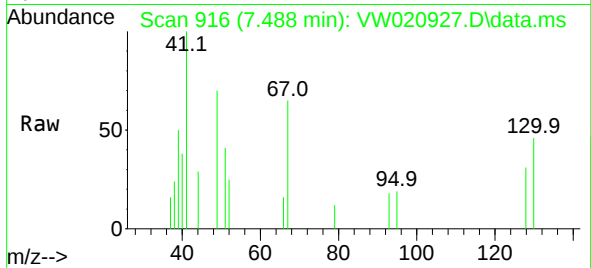
Tgt Ion: 78	Resp: 15106
Ion Ratio	Lower Upper
78	100
77	24.5 20.0 30.0





#41
Methacrylonitrile
Concen: 4.103 ug/l
RT: 7.488 min Scan# 915
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

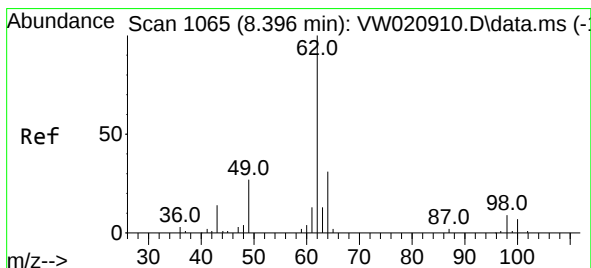
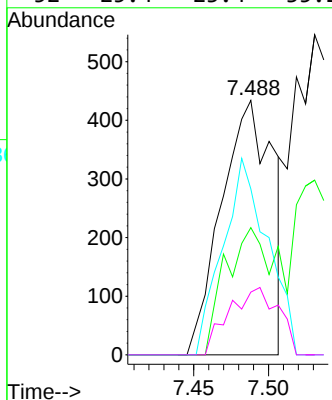
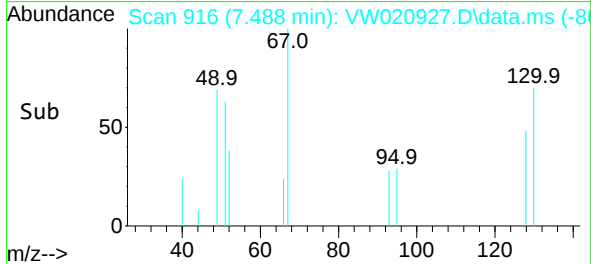
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 41 Resp: 1040
Ion Ratio Lower Upper
41 100
39 39.5 42.9 64.3
67 67.1 56.2 84.4
52 25.4 23.4 35.2

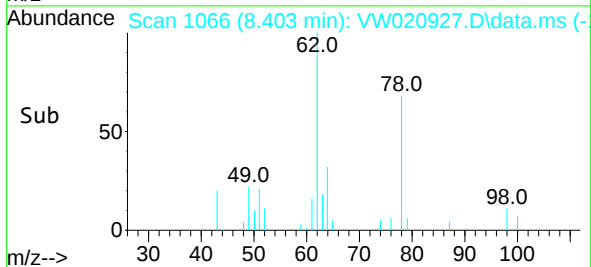
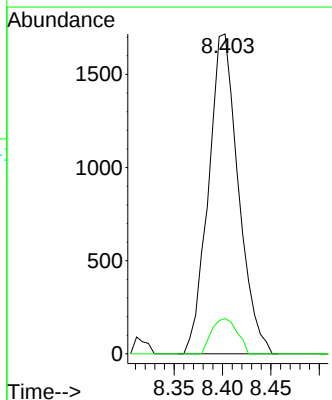
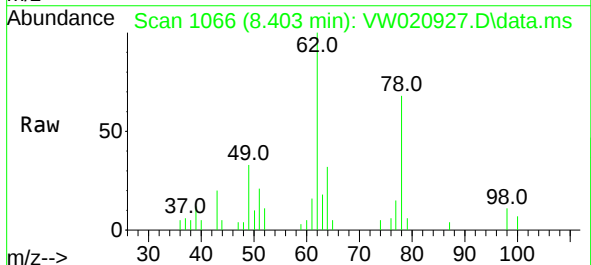
Manual Integrations
APPROVED

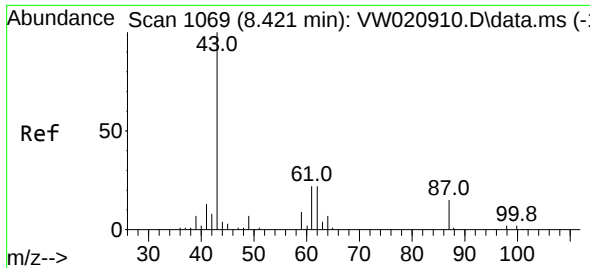
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#42
1,2-Dichloroethane
Concen: 4.093 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

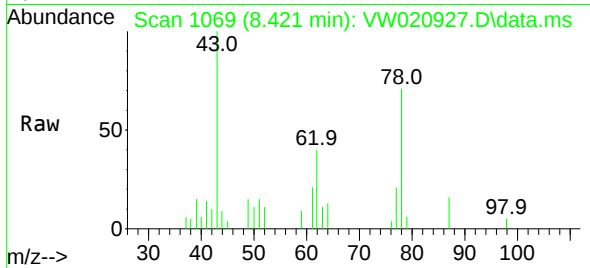
Tgt Ion: 62 Resp: 3689
Ion Ratio Lower Upper
62 100
98 9.4 0.0 19.0





#43
Isopropyl Acetate
Concen: 3.498 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

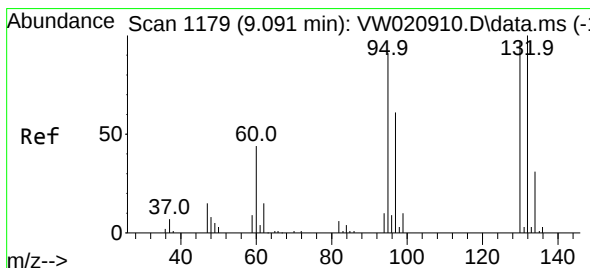
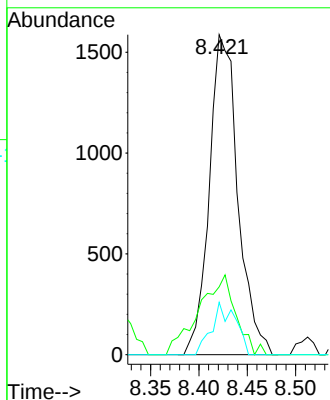
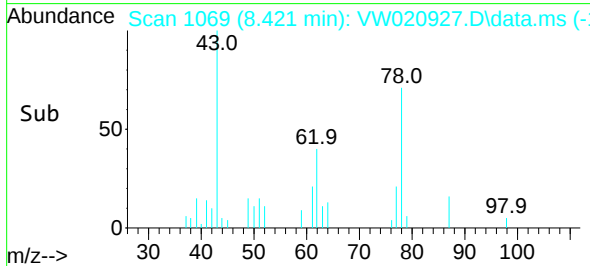
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 326
Ion Ratio Lower Upper
43 100
61 32.4 23.7 35.5
87 13.5 11.5 17.3

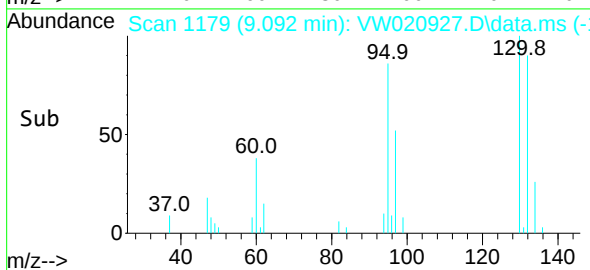
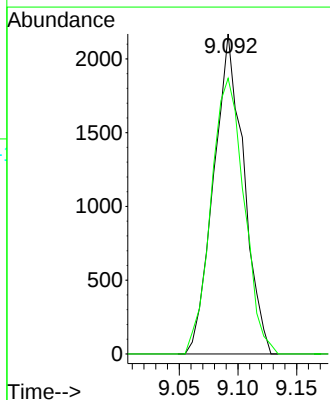
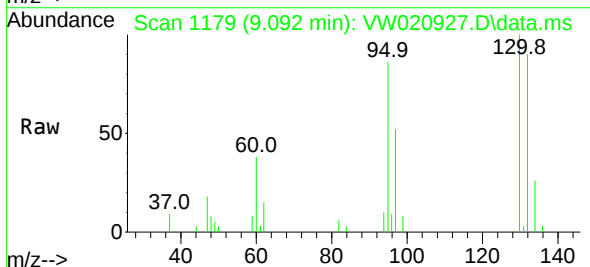
Manual Integrations
APPROVED

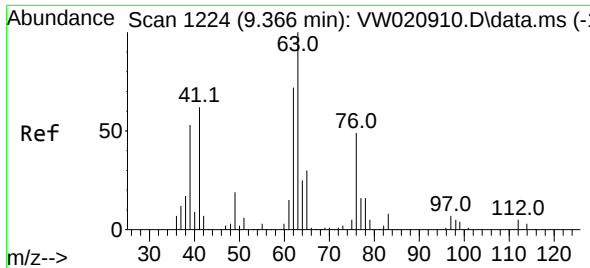
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#44
Trichloroethene
Concen: 4.459 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

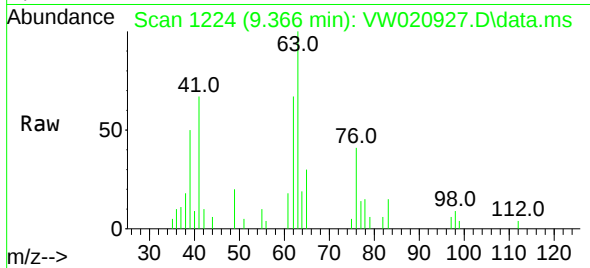
Tgt Ion:130 Resp: 3866
Ion Ratio Lower Upper
130 100
95 86.2 0.0 186.6





#45
1,2-Dichloropropane
Concen: 4.058 ug/l
RT: 9.366 min Scan# 1224
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

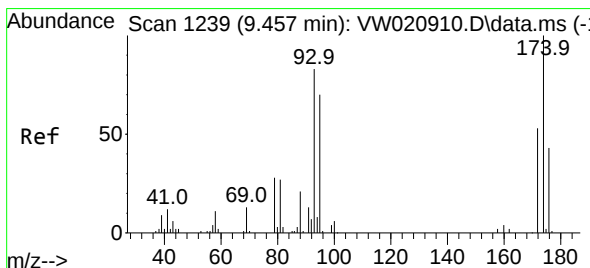
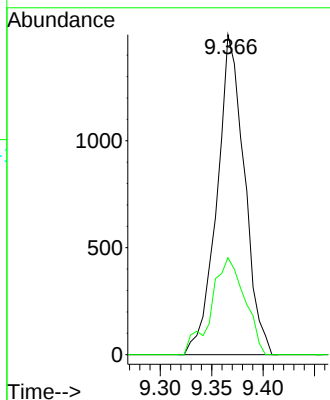
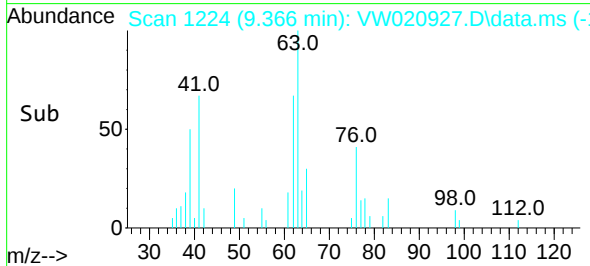
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



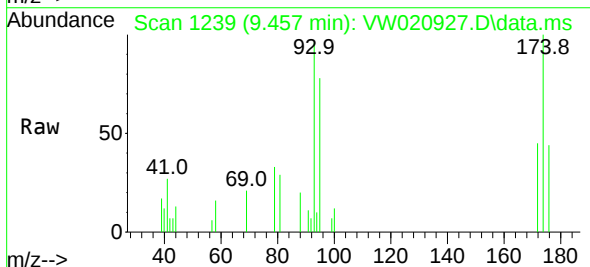
Tgt Ion: 63 Resp: 277
Ion Ratio Lower Upper
63 100
65 30.3 23.8 35.6

Manual Integrations
APPROVED

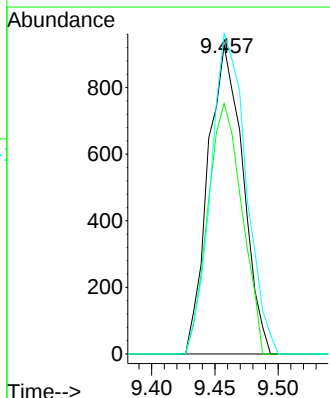
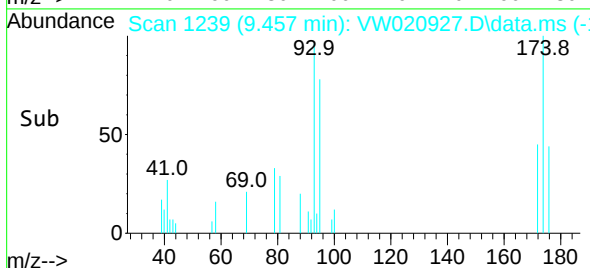
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

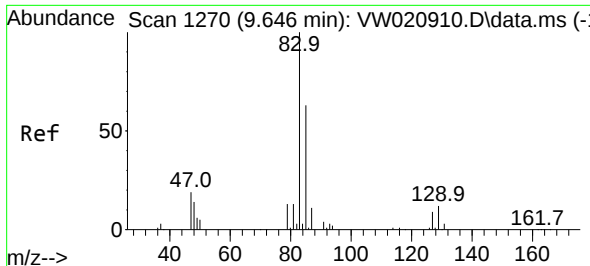


#46
Dibromomethane
Concen: 4.094 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



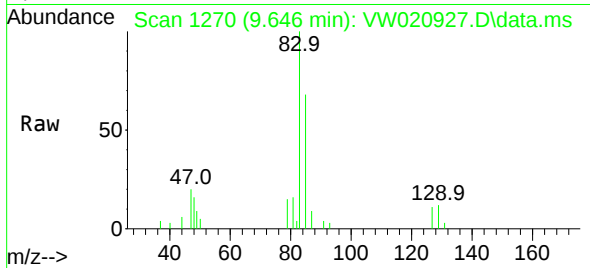
Tgt Ion: 93 Resp: 1775
Ion Ratio Lower Upper
93 100
95 79.4 66.6 100.0
174 105.0 91.1 136.7





#47
Bromodichloromethane
Concen: 3.957 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

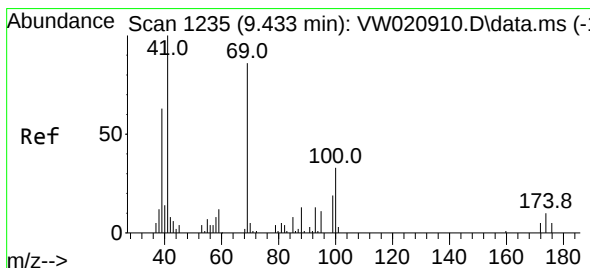
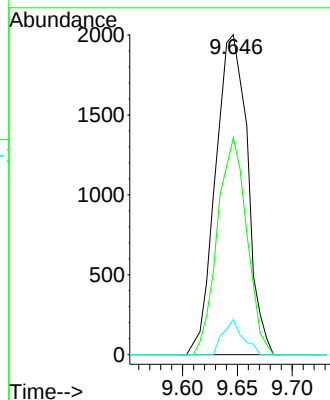
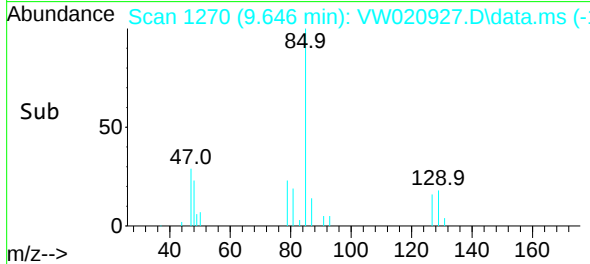
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



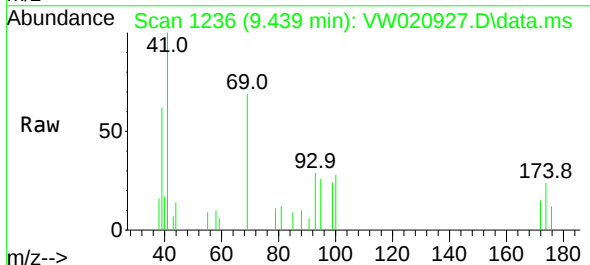
Tgt Ion: 83 Resp: 4059
Ion Ratio Lower Upper
83 100
85 67.7 50.3 75.5
127 10.9 7.1 10.7

Manual Integrations
APPROVED

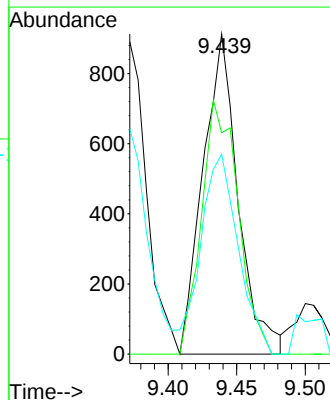
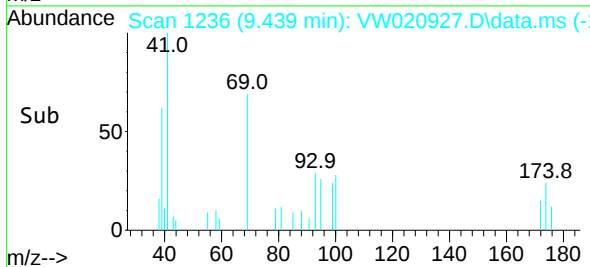
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

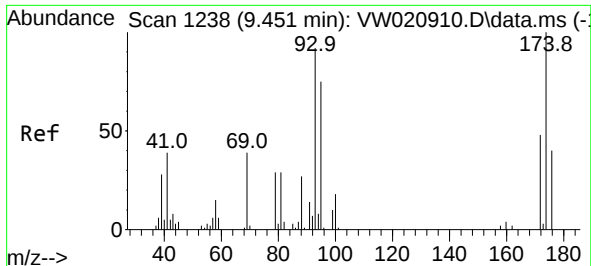


#48
Methyl methacrylate
Concen: 3.921 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion: 41 Resp: 1627
Ion Ratio Lower Upper
41 100
69 82.5 72.9 109.3
39 67.7 54.2 81.4





#49

1,4-Dioxane

Concen: 61.948 ug/l

RT: 9.451 min Scan# 1238

Delta R.T. 0.000 min

Lab File: VW020927.D

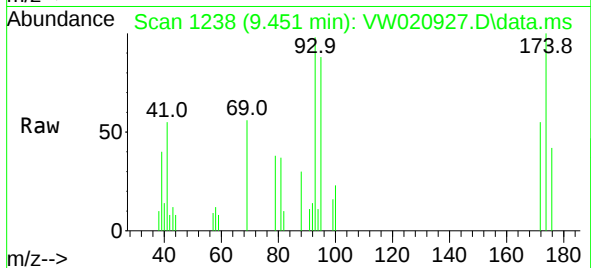
Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

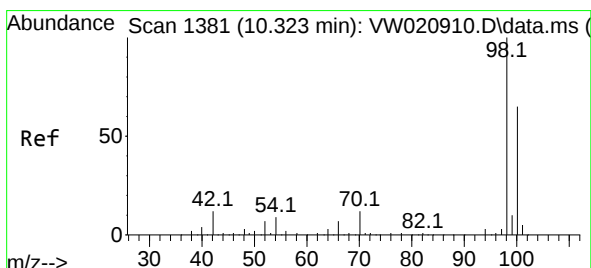
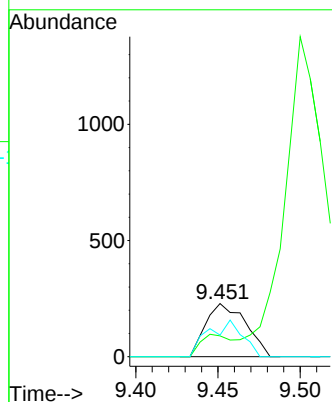


Tgt Ion: 88	Resp: 38
Ion Ratio	Lower Upper
88 100	
43 30.5	26.6 39.8
58 58.7	51.8 77.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#50

Toluene-d8

Concen: 50.872 ug/l

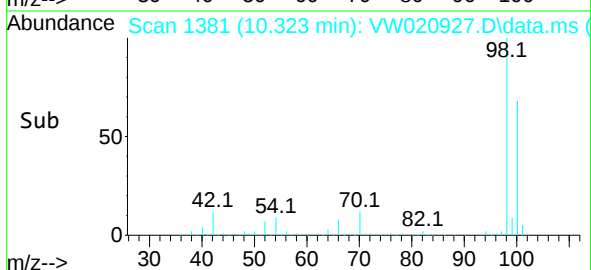
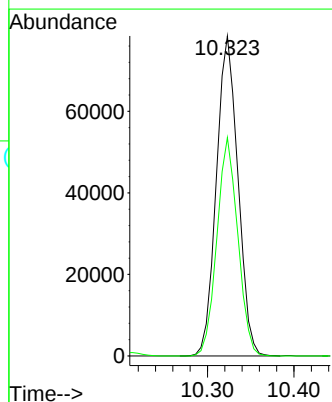
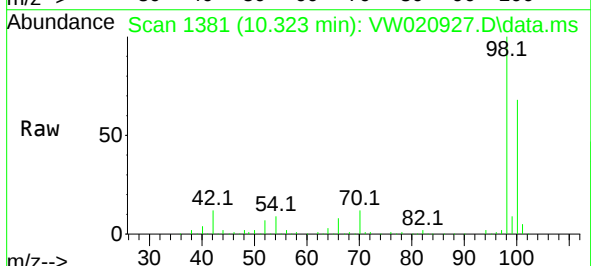
RT: 10.323 min Scan# 1381

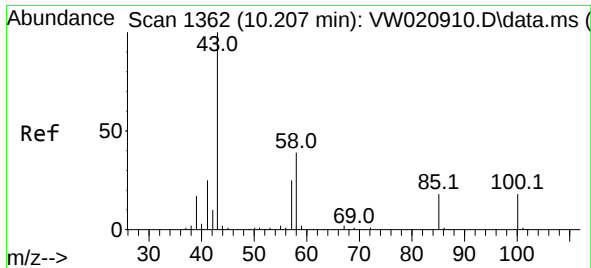
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Tgt Ion: 98	Resp: 135759
Ion Ratio	Lower Upper
98 100	
100 66.1	52.6 79.0





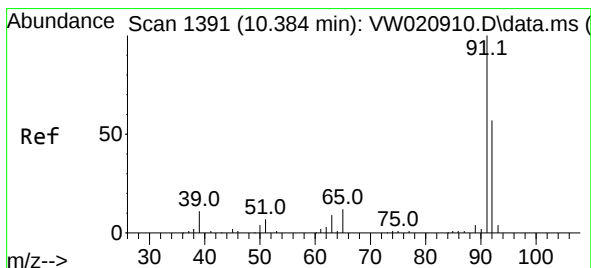
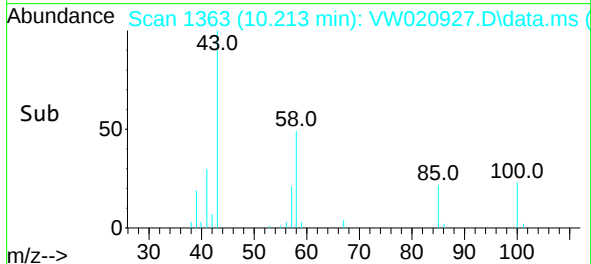
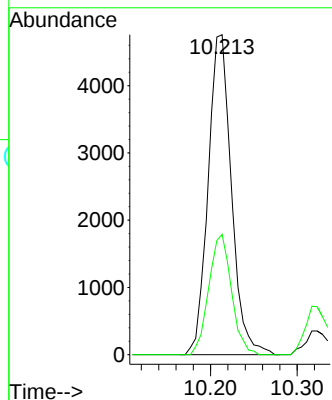
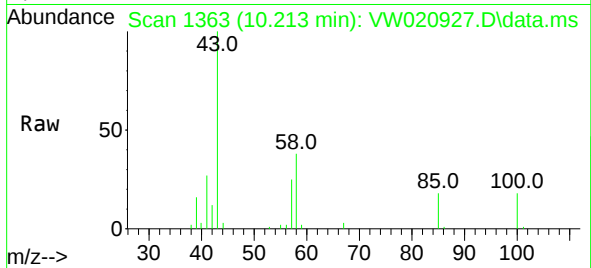
#51
4-Methyl-2-Pentanone
Concen: 18.722 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

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

Tgt Ion: 43 Resp: 889
Ion Ratio Lower Upper
43 100
58 36.5 30.9 46.3

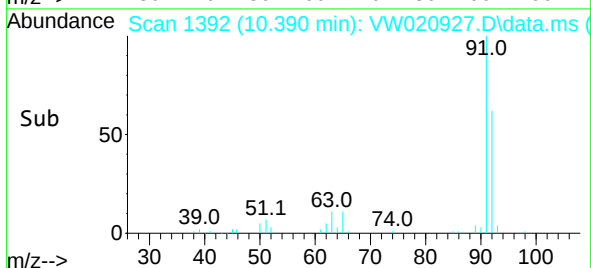
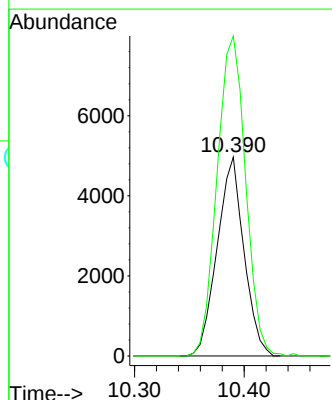
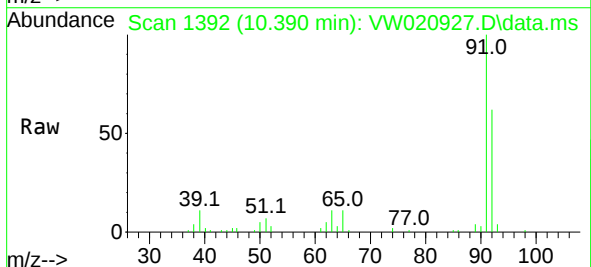
Manual Integrations
APPROVED

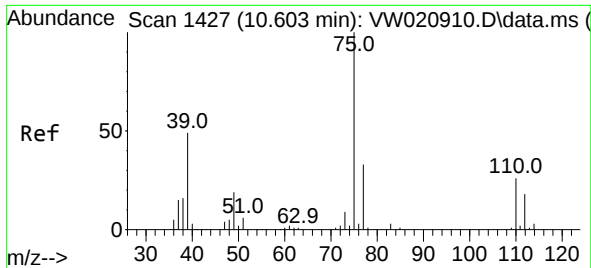
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#52
Toluene
Concen: 4.419 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

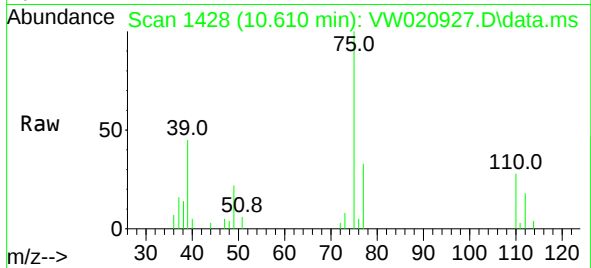
Tgt Ion: 92 Resp: 8440
Ion Ratio Lower Upper
92 100
91 171.4 137.1 205.7





#53
t-1,3-Dichloropropene
Concen: 3.598 ug/l
RT: 10.610 min Scan# 1427
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

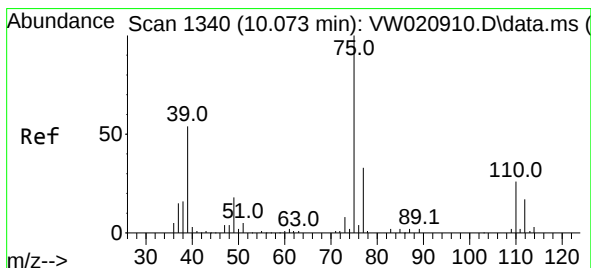
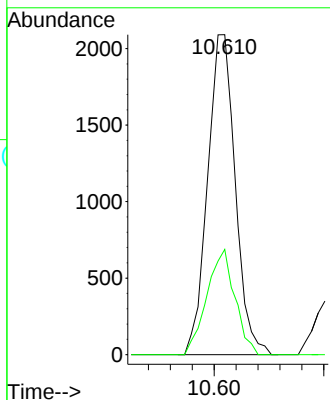
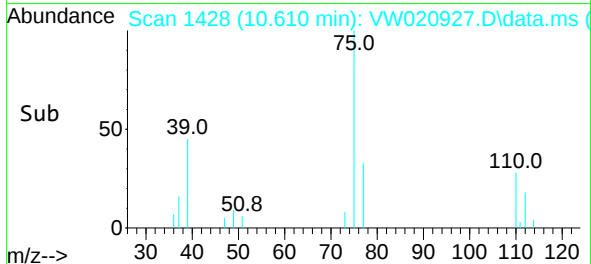
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 3664
Ion Ratio Lower Upper
75 100
77 32.9 26.1 39.1

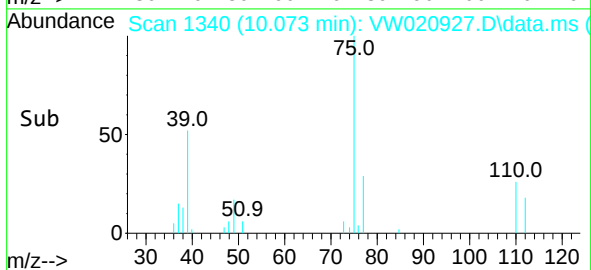
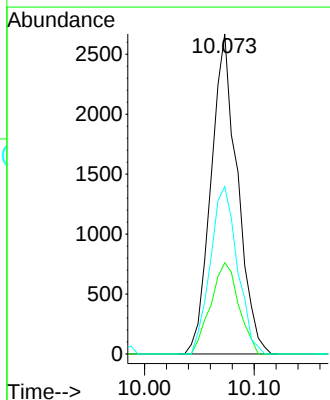
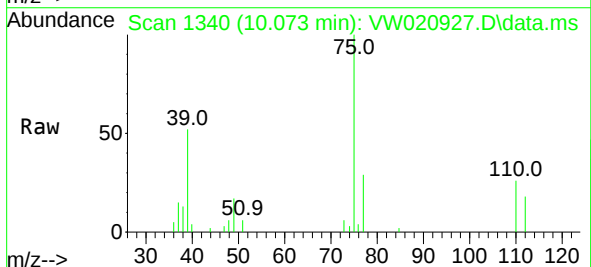
Manual Integrations
APPROVED

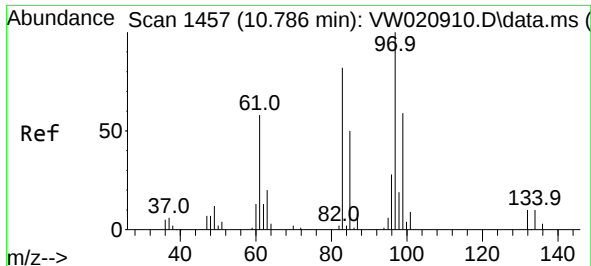
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#54
cis-1,3-Dichloropropene
Concen: 3.865 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

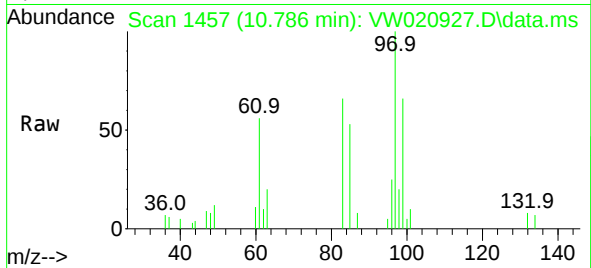
Tgt Ion: 75 Resp: 4455
Ion Ratio Lower Upper
75 100
77 28.5 26.2 39.4
39 52.3 43.0 64.6





#55
1,1,2-Trichloroethane
Concen: 4.165 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

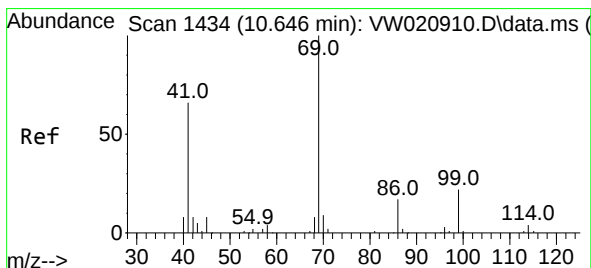
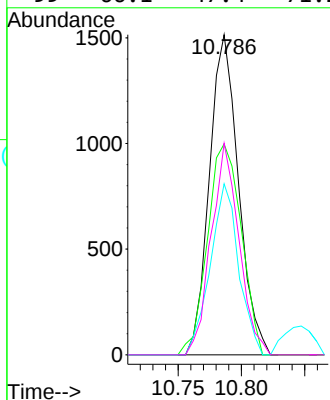
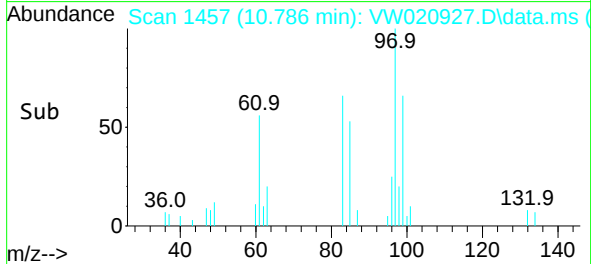
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion	Ratio	Lower	Upper
97	100		
83	65.9	65.4	98.2
85	53.4	39.9	59.9
99	66.1	47.4	71.2

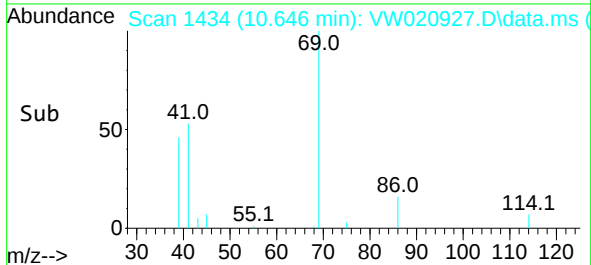
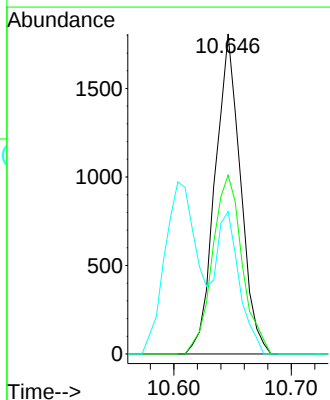
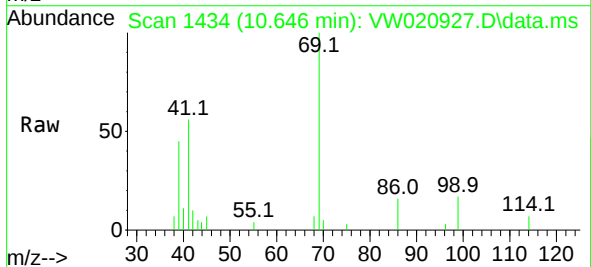
Manual Integrations
APPROVED

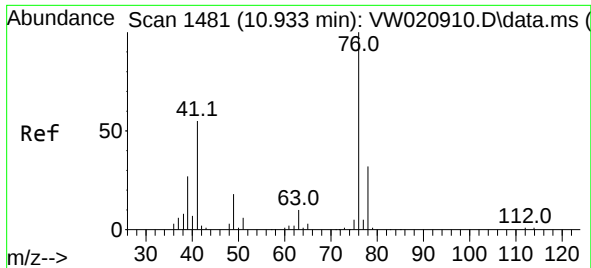
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#56
Ethyl methacrylate
Concen: 3.679 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion	Ratio	Lower	Upper
69	100		
41	65.3	52.9	79.3
39	41.4	33.7	50.5





#57

1,3-Dichloropropane

Concen: 4.135 ug/l

RT: 10.933 min Scan# 1481

Delta R.T. 0.000 min

Lab File: VW020927.D

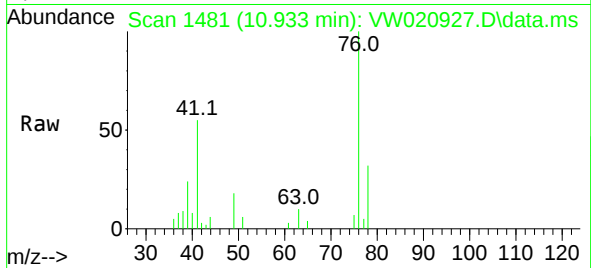
Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

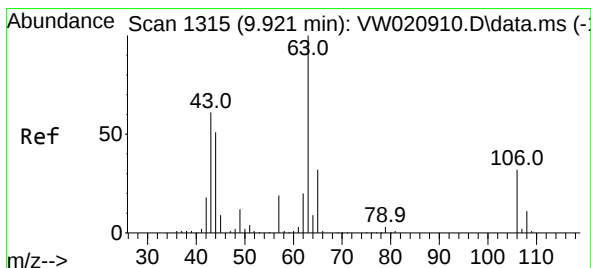
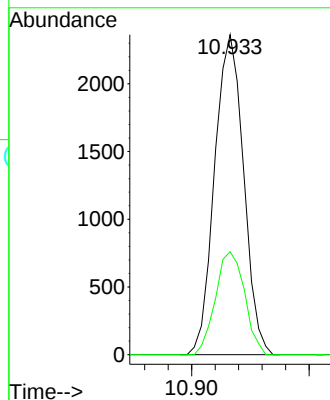


Tgt Ion: 76	Resp: 404
Ion Ratio	Lower Upper
76	100
78	32.3 26.0 39.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#58

2-Chloroethyl Vinyl ether

Concen: 18.081 ug/l

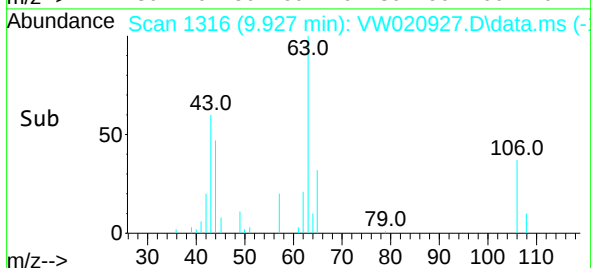
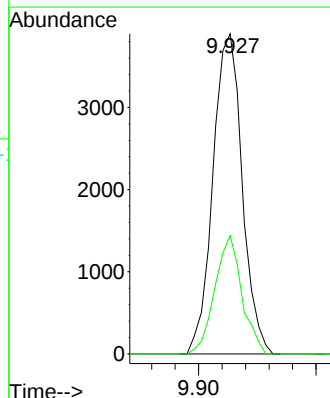
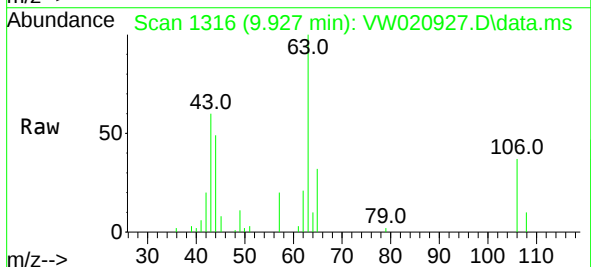
RT: 9.927 min Scan# 1316

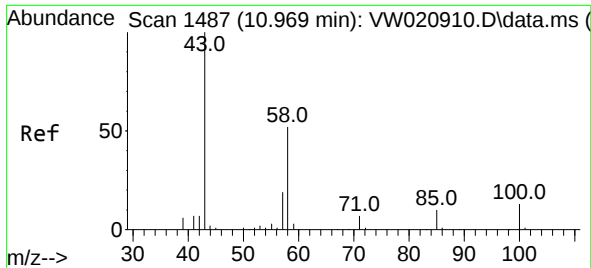
Delta R.T. 0.006 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

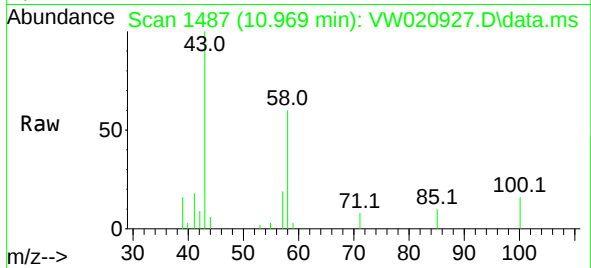
Tgt Ion: 63	Resp: 6735
Ion Ratio	Lower Upper
63	100
106	34.0 26.3 39.5





#59
2-Hexanone
Concen: 17.173 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

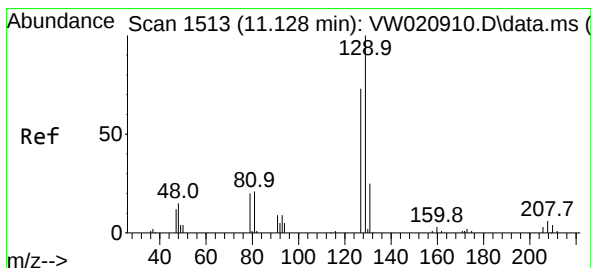
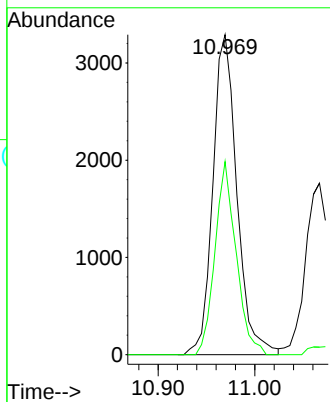
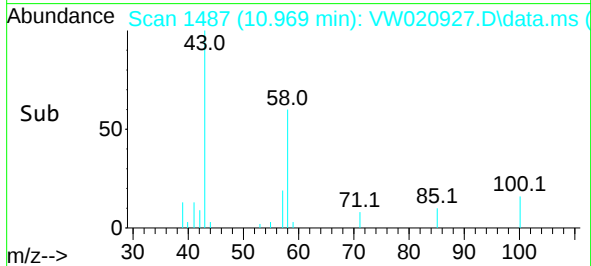
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 43 Resp: 5674
Ion Ratio Lower Upper
43 100
58 53.1 26.7 80.0

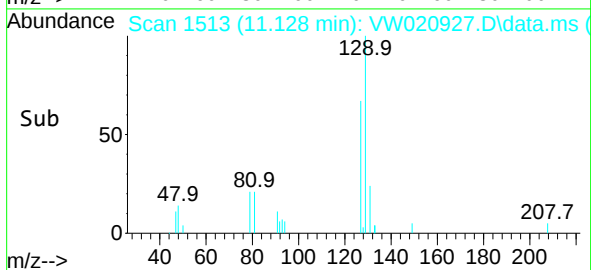
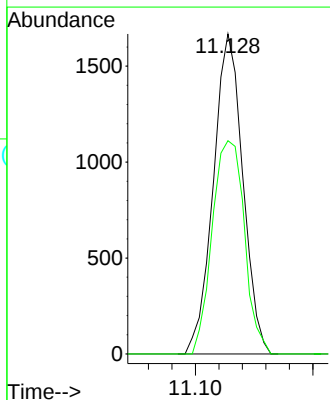
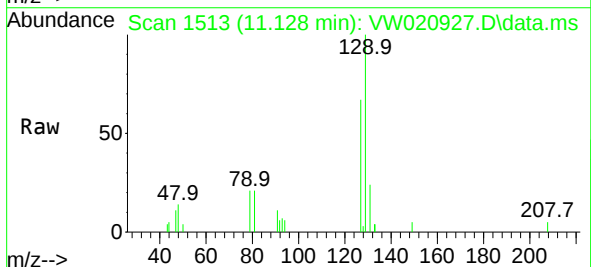
Manual Integrations
APPROVED

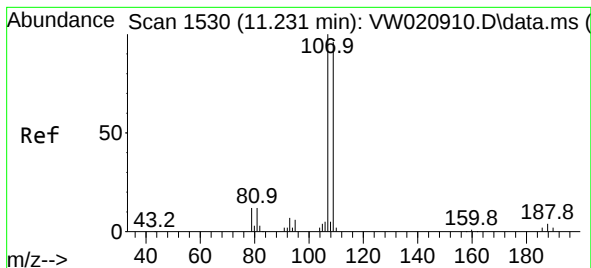
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#60
Dibromochloromethane
Concen: 3.970 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion:129 Resp: 2909
Ion Ratio Lower Upper
129 100
127 72.6 38.4 115.1





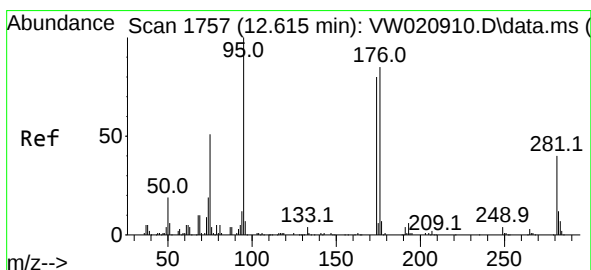
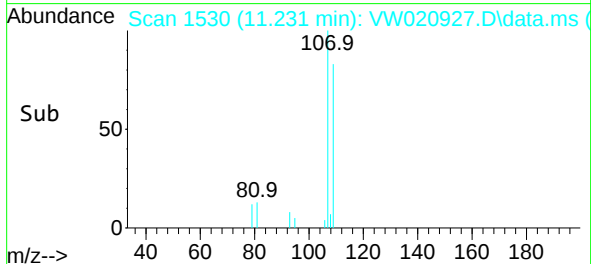
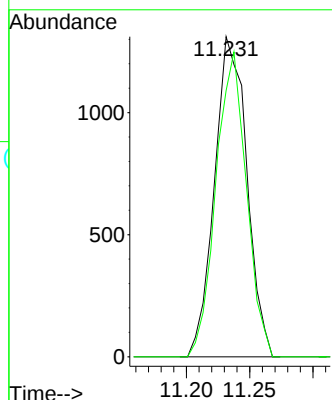
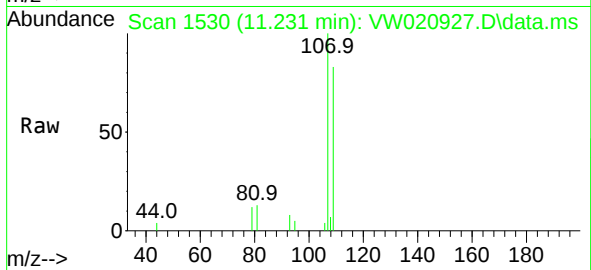
#61
1,2-Dibromoethane
Concen: 4.035 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

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

Tgt Ion:107 Resp: 232
Ion Ratio Lower Upper
107 100
109 89.8 74.1 111.1

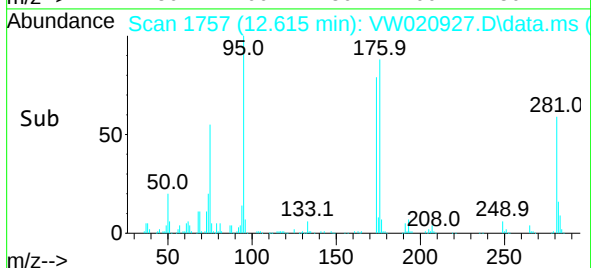
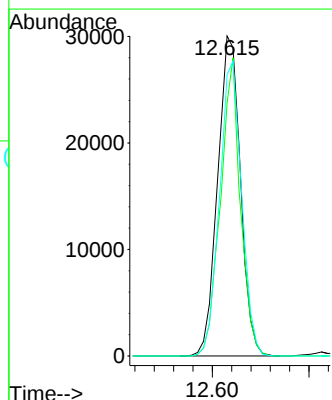
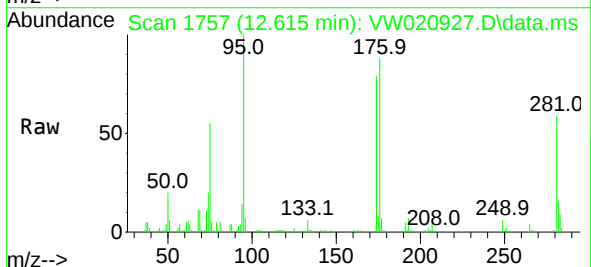
Manual Integrations
APPROVED

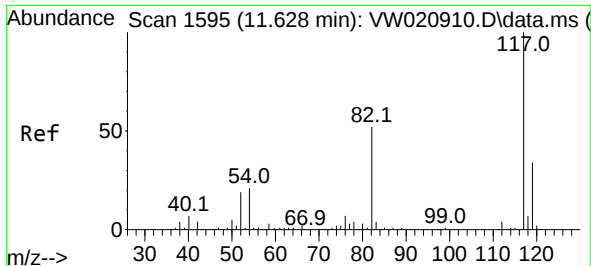
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#62
4-Bromofluorobenzene
Concen: 49.270 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

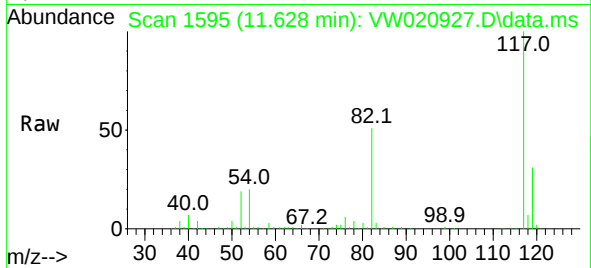
Tgt Ion: 95 Resp: 49036
Ion Ratio Lower Upper
95 100
174 81.7 0.0 171.2
176 89.5 0.0 175.4





#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.628 min Scan# 1595
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

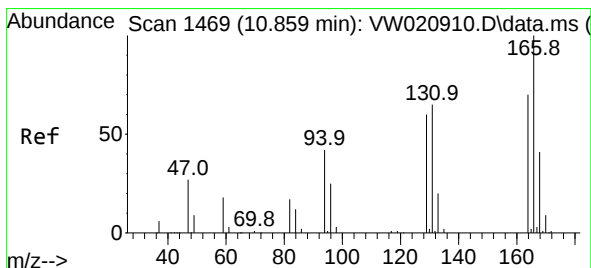
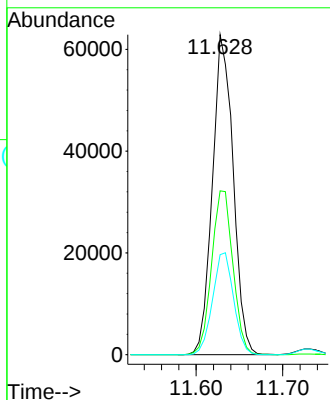
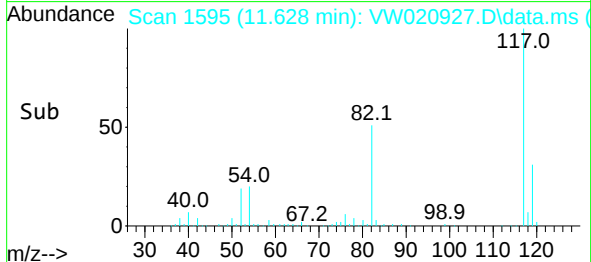
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:117 Resp: 10481
Ion Ratio Lower Upper
117 100
82 51.2 41.4 62.2
119 31.2 27.2 40.8

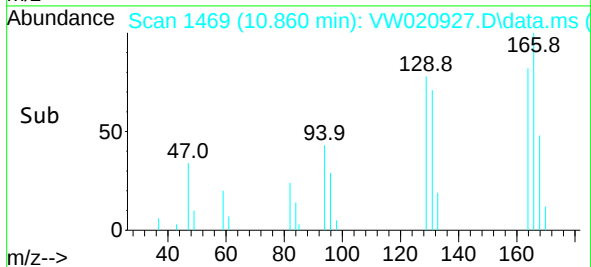
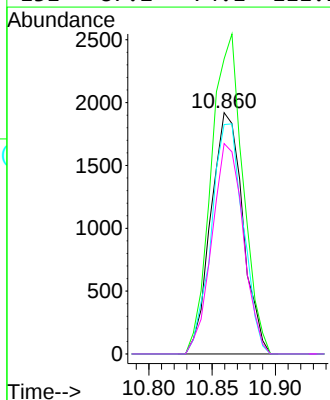
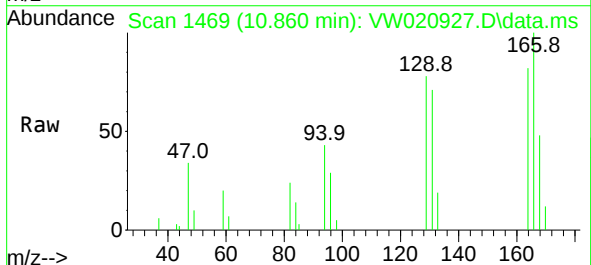
Manual Integrations
APPROVED

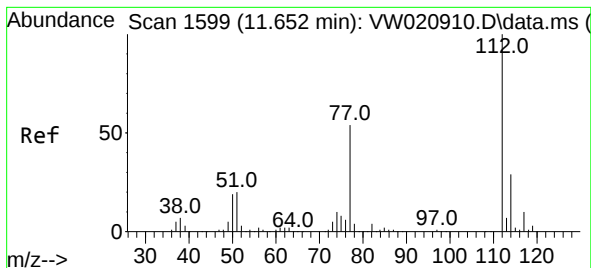
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#64
Tetrachloroethene
Concen: 4.332 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion:164 Resp: 3373
Ion Ratio Lower Upper
164 100
166 122.2 114.4 171.6
129 95.1 68.3 102.5
131 87.2 74.1 111.1





#65

Chlorobenzene

Concen: 4.364 ug/l

RT: 11.658 min Scan# 1

Delta R.T. 0.006 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:112 Resp: 9190

Ion Ratio Lower Upper

112 100

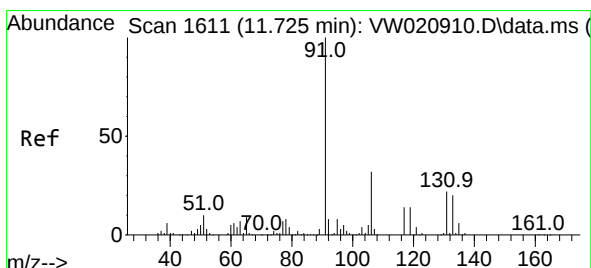
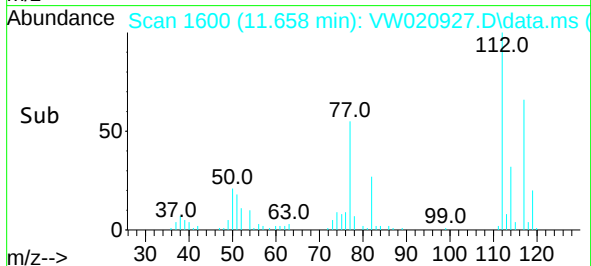
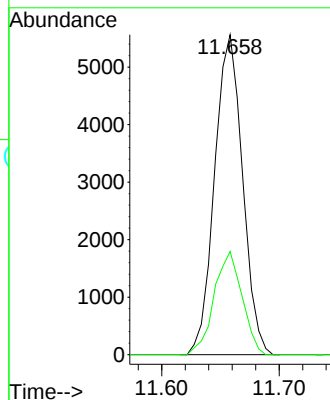
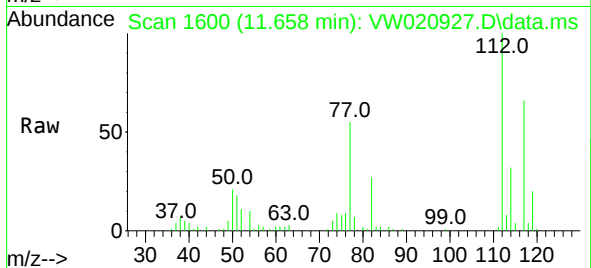
114 32.2 23.0 34.6

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021

Supervised By :Mahesh Dadoda 11/19/2021



#66

1,1,1,2-Tetrachloroethane

Concen: 3.842 ug/l

RT: 11.731 min Scan# 1612

Delta R.T. 0.006 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

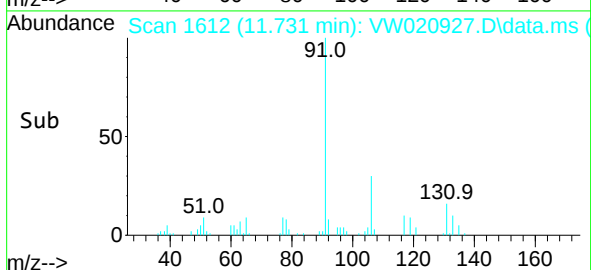
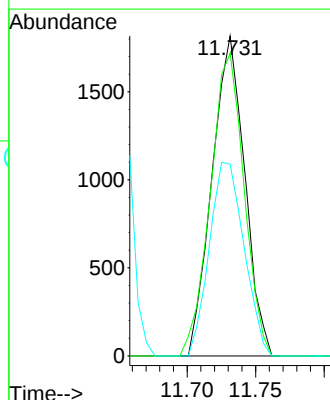
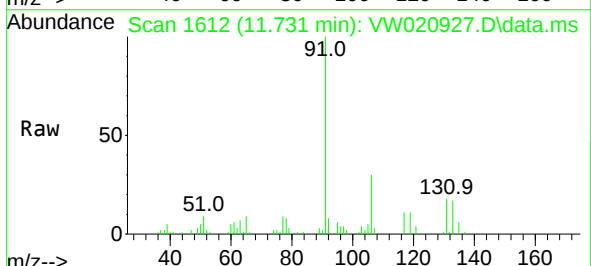
Tgt Ion:131 Resp: 3010

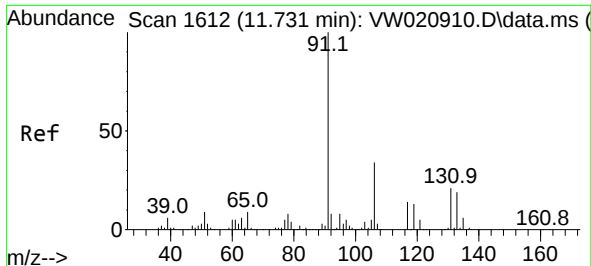
Ion Ratio Lower Upper

131 100

133 97.4 46.6 139.7

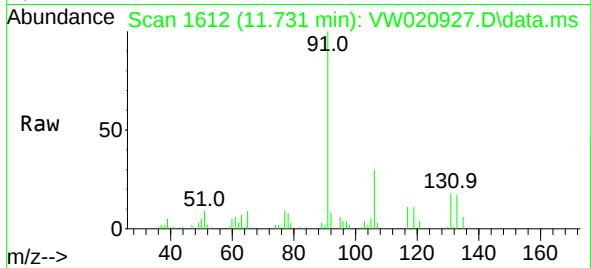
119 64.2 32.2 96.6





#67
Ethyl Benzene
Concen: 4.358 ug/l
RT: 11.731 min Scan# 1611
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

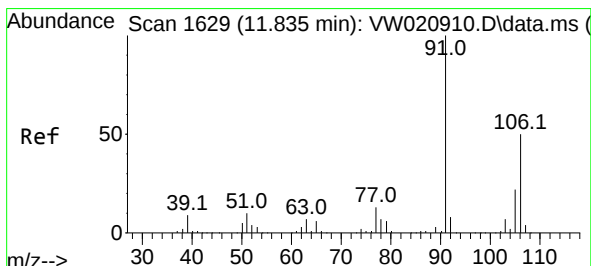
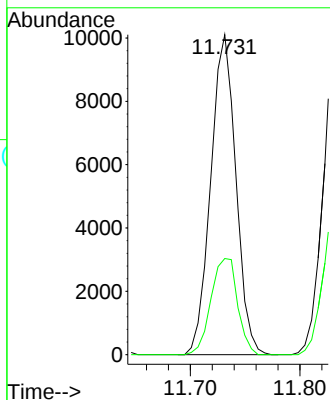
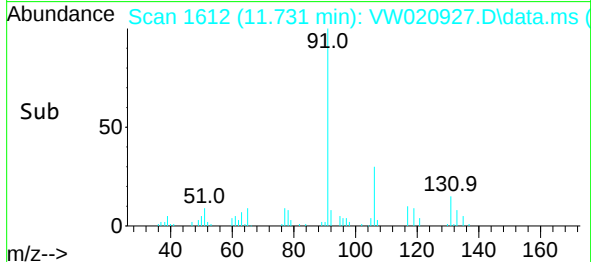
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



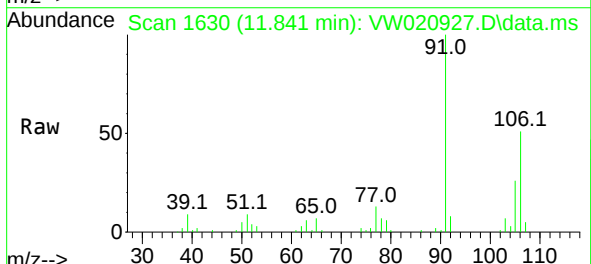
Tgt Ion: 91 Resp: 16110
Ion Ratio Lower Upper
91 100
106 30.1 27.3 40.9

Manual Integrations
APPROVED

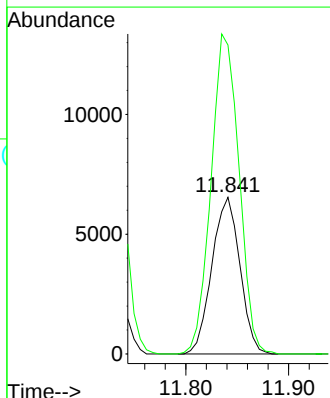
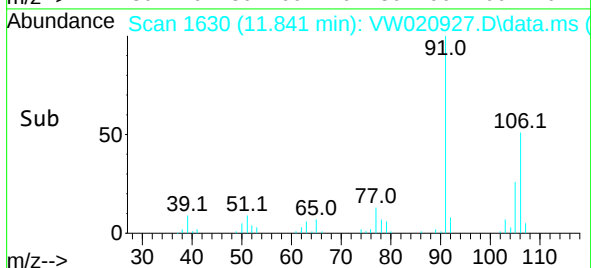
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

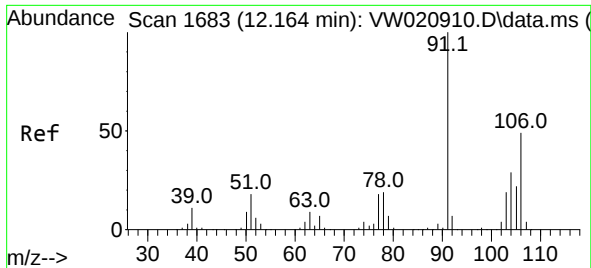


#68
m/p-Xylenes
Concen: 8.273 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion:106 Resp: 12369
Ion Ratio Lower Upper
106 100
91 204.4 157.8 236.8





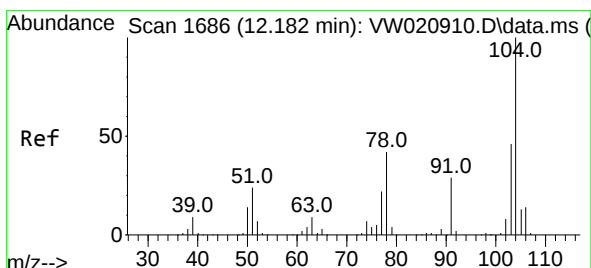
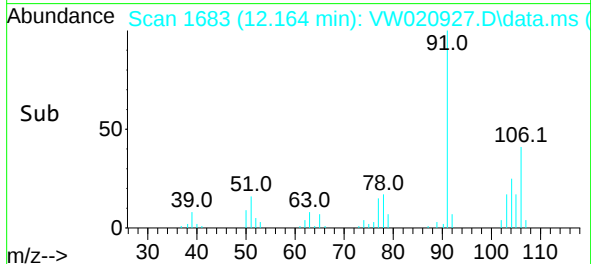
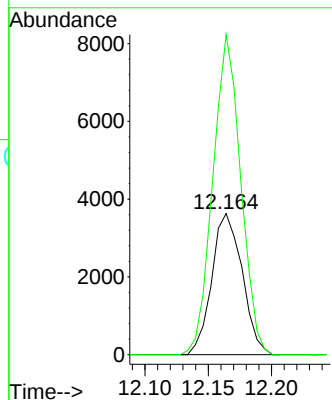
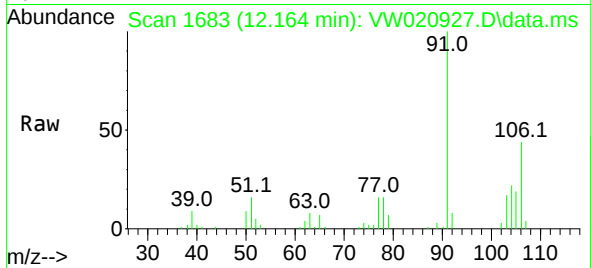
#69
o-Xylene
Concen: 4.319 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

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

Tgt Ion:106 Resp: 605
Ion Ratio Lower Upper
106 100
91 208.4 104.3 312.9

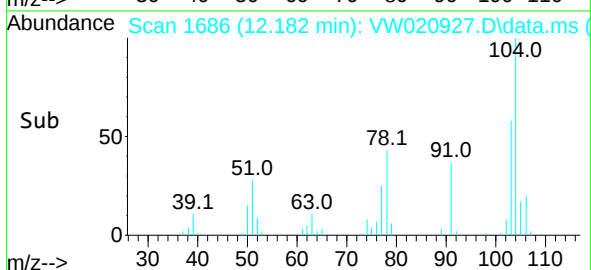
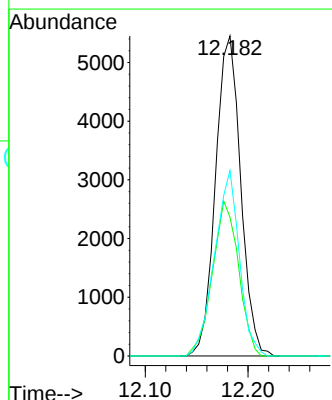
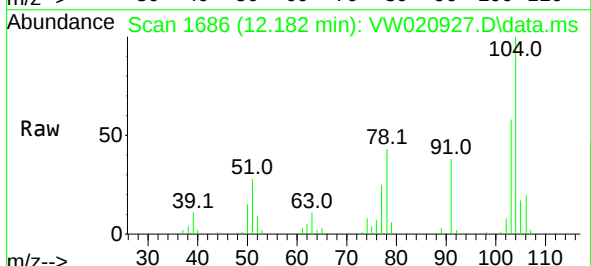
Manual Integrations
APPROVED

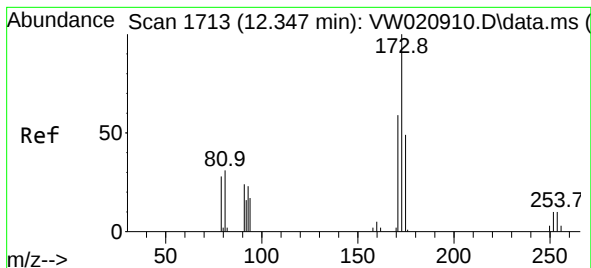
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#70
Styrene
Concen: 3.937 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion:104 Resp: 9269
Ion Ratio Lower Upper
104 100
78 50.1 39.4 59.2
103 57.0 42.6 63.8





#71

Bromoform

Concen: 3.687 ug/l

RT: 12.353 min Scan# 1713

Delta R.T. 0.006 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

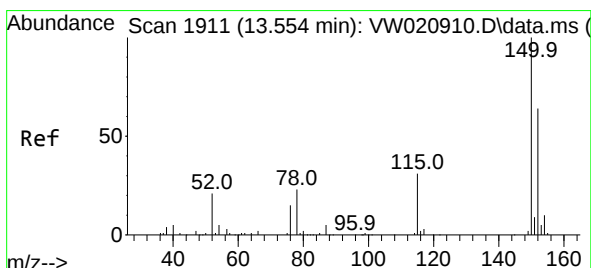
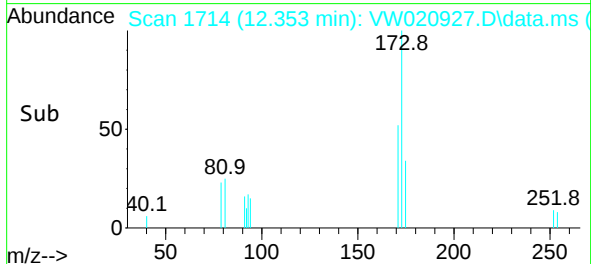
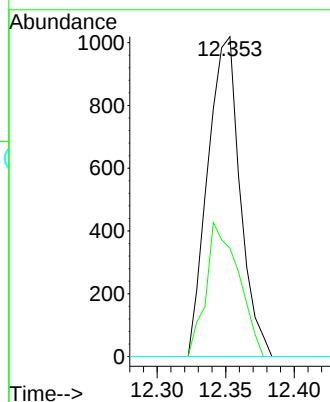
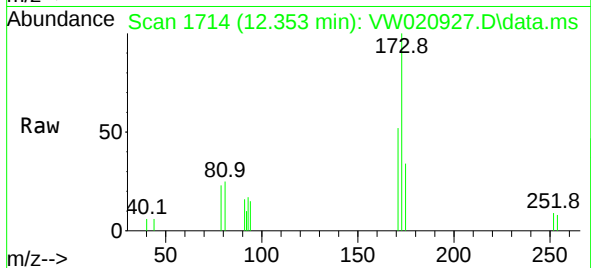
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:173	Resp:	1670
Ion Ratio	Lower	Upper
173	100	
175	42.1	25.1 75.3
254	0.0	0.0 0.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

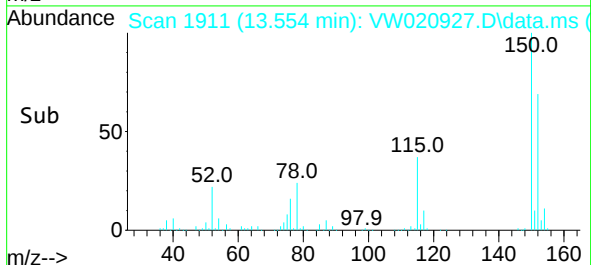
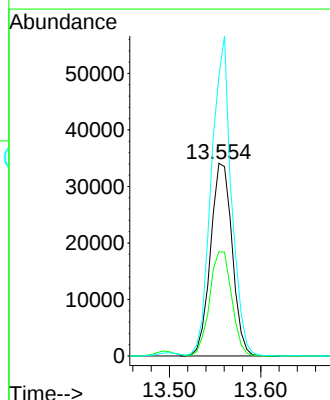
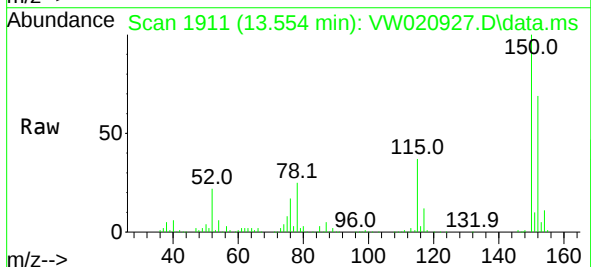
RT: 13.554 min Scan# 1911

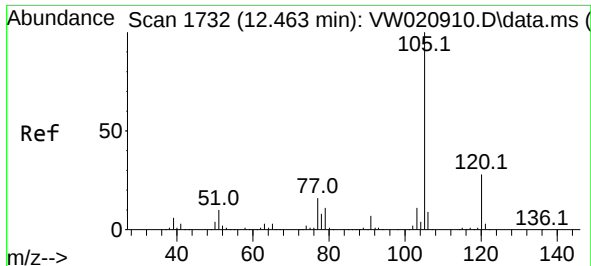
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

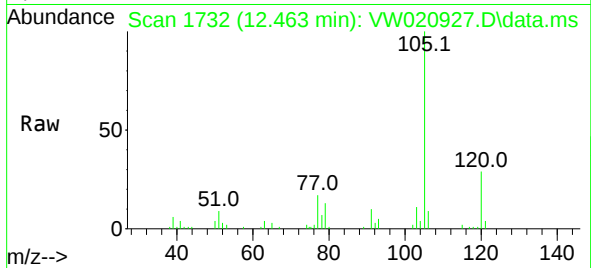
Tgt Ion:152	Resp:	56002
Ion Ratio	Lower	Upper
152	100	
115	55.4	27.8 83.3
150	153.1	0.0 348.4





#73
Isopropylbenzene
Concen: 4.220 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

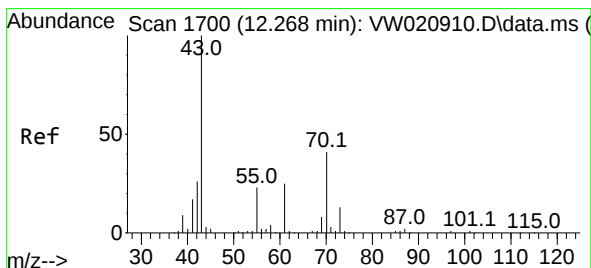
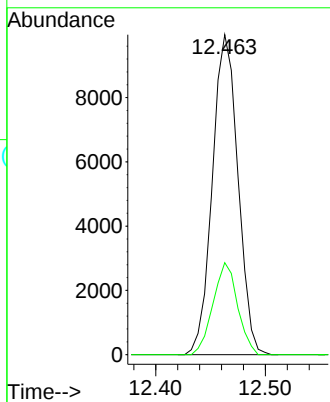
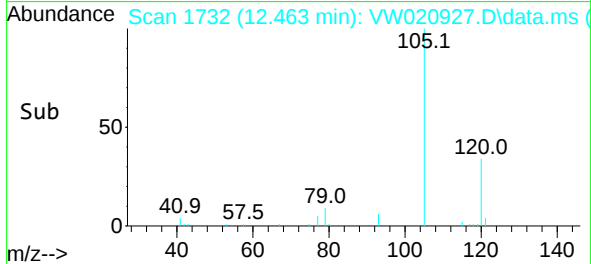
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:105 Resp: 16149
Ion Ratio Lower Upper
105 100
120 27.6 13.9 41.7

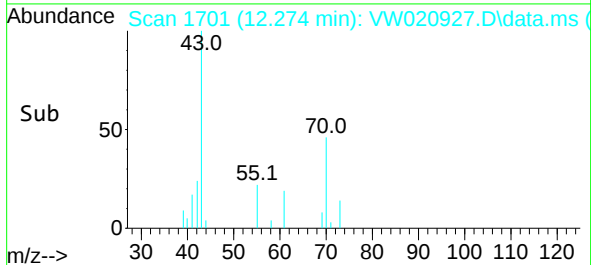
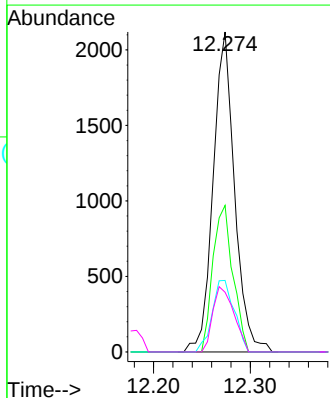
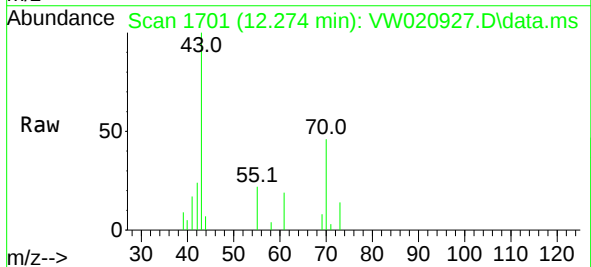
Manual Integrations
APPROVED

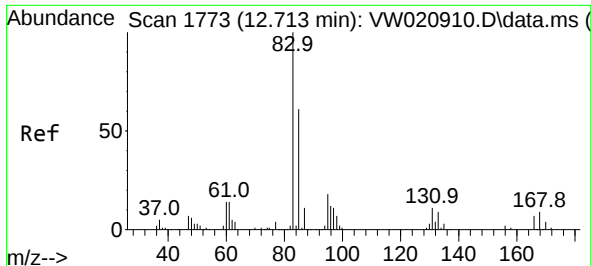
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#74
N-ethyl acetate
Concen: 3.582 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

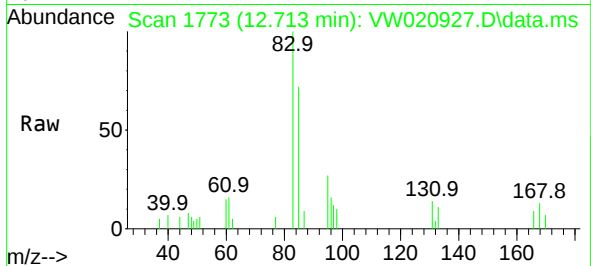
Tgt Ion: 43 Resp: 3265
Ion Ratio Lower Upper
43 100
70 42.6 33.7 50.5
55 22.9 18.5 27.7
61 20.0 18.8 28.2





#75
1,1,2,2-Tetrachloroethane
Concen: 3.659 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

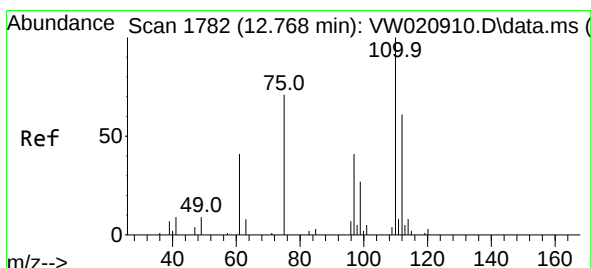
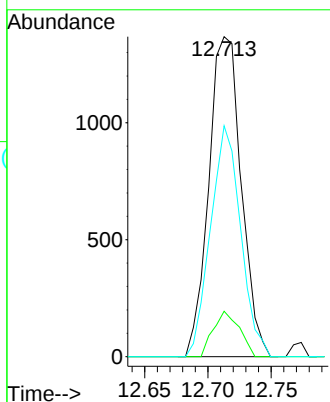
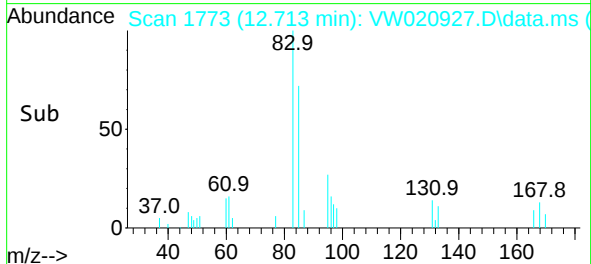
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 83 Resp: 244
Ion Ratio Lower Upper
83 100
131 11.4 5.9 17.6
85 66.9 32.0 96.0

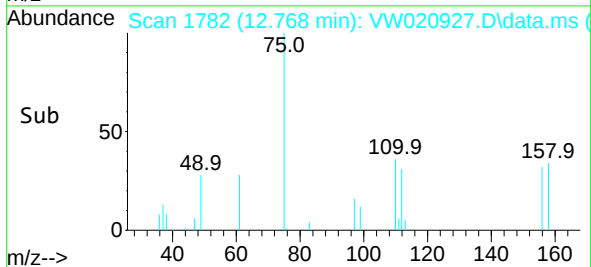
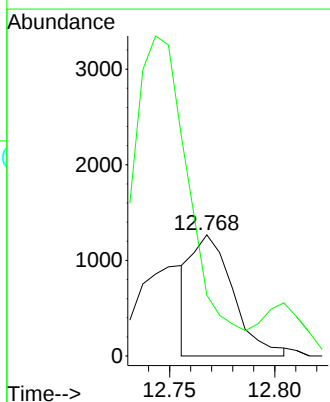
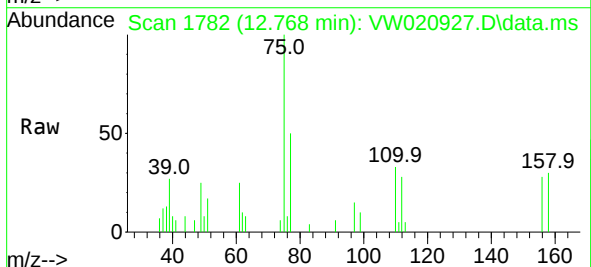
Manual Integrations
APPROVED

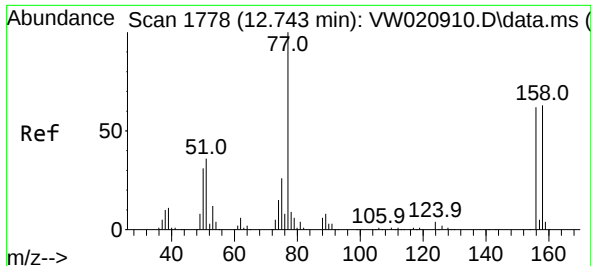
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#76
1,2,3-Trichloropropane
Concen: 3.456 ug/l m
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

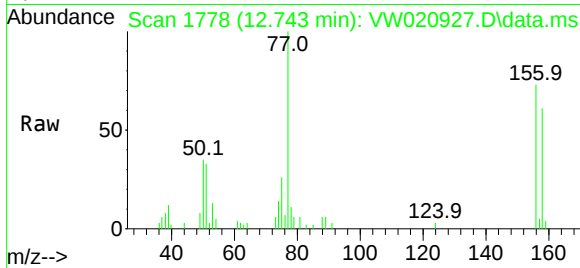
Tgt Ion: 75 Resp: 1739
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77
Bromobenzene
Concen: 4.221 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

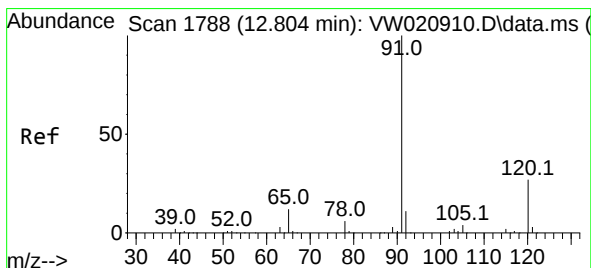
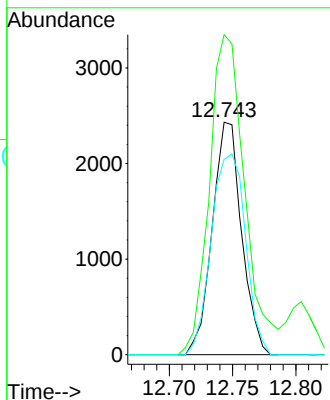
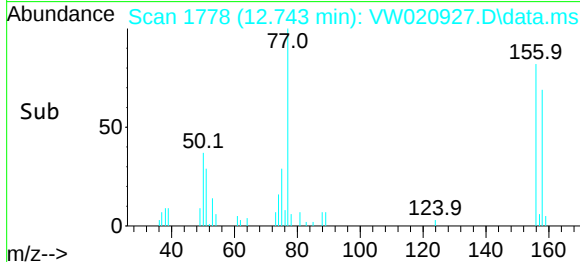
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



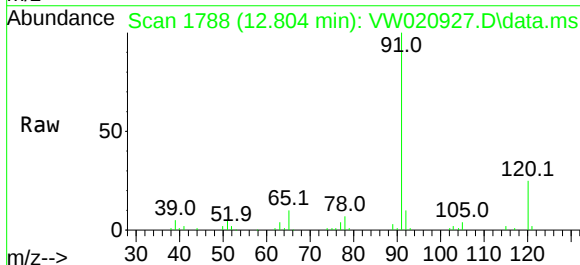
Tgt Ion: 156 Resp: 3924
Ion Ratio Lower Upper
156 100
77 166.0 87.0 261.0
158 100.6 49.8 149.4

Manual Integrations
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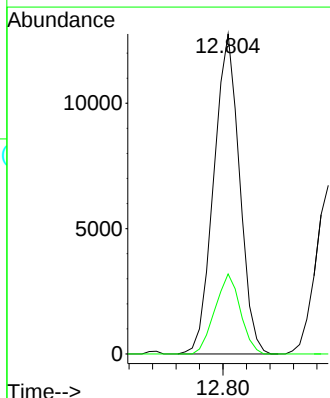
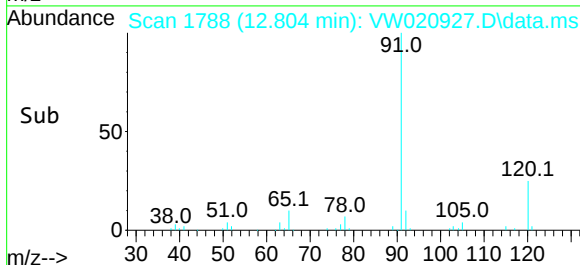
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

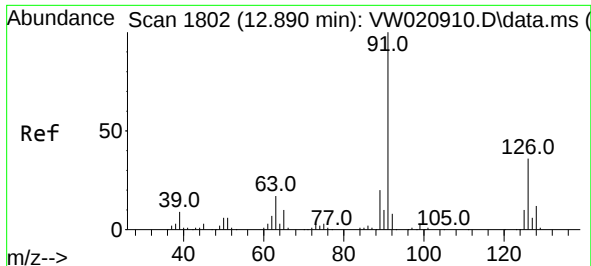


#78
n-propylbenzene
Concen: 4.312 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion: 91 Resp: 19437
Ion Ratio Lower Upper
91 100
120 24.6 12.4 37.4





#79

2-Chlorotoluene

Concen: 4.281 ug/l

RT: 12.890 min Scan# 1802

Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

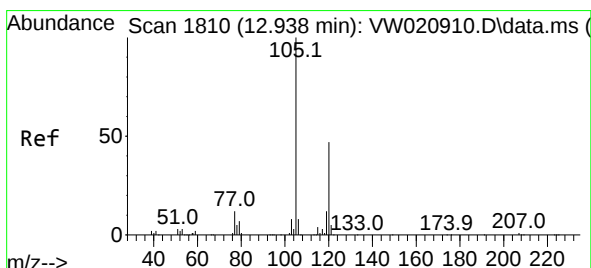
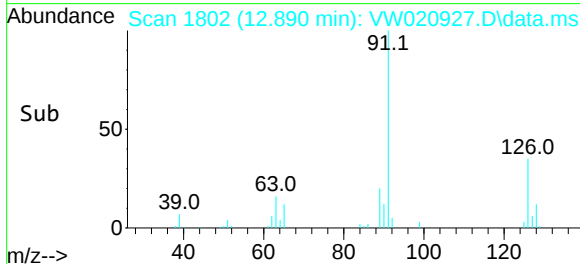
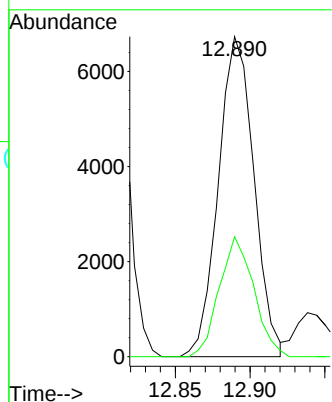
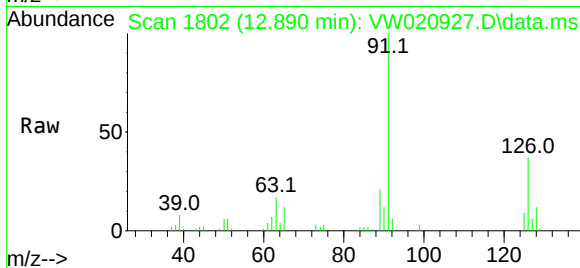
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 91 Resp: 11152
 Ion Ratio Lower Upper
 91 100
 126 36.3 18.0 54.0

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#80

1,3,5-Trimethylbenzene

Concen: 4.025 ug/l

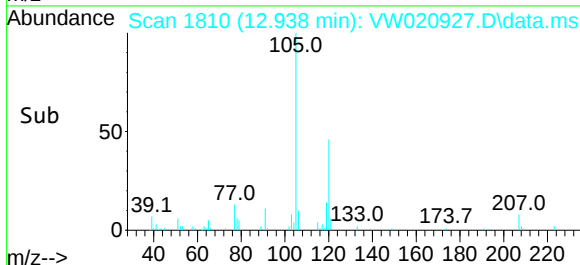
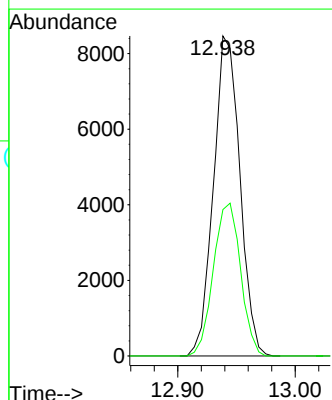
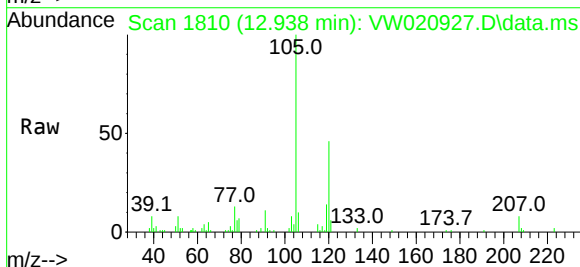
RT: 12.938 min Scan# 1810

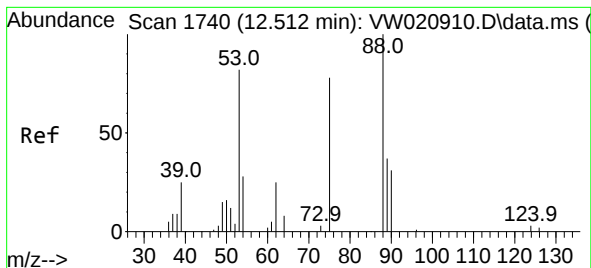
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

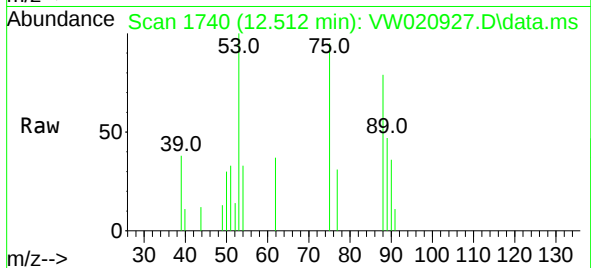
Tgt Ion:105 Resp: 13209
 Ion Ratio Lower Upper
 105 100
 120 49.2 24.7 74.1





#81
trans-1,4-Dichloro-2-butene
Concen: 3.282 ug/l m
RT: 12.512 min Scan# 1740
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

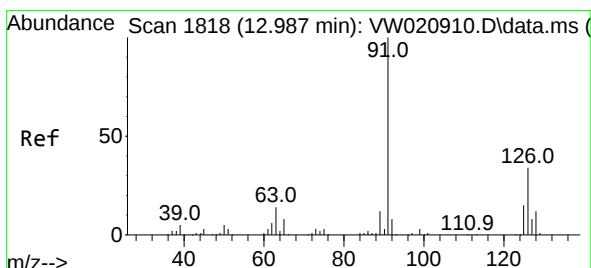
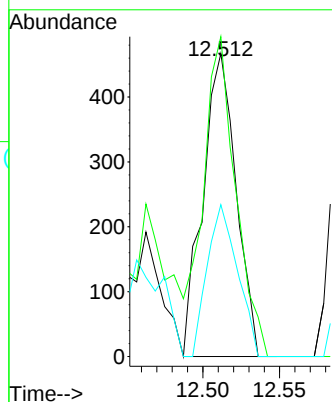
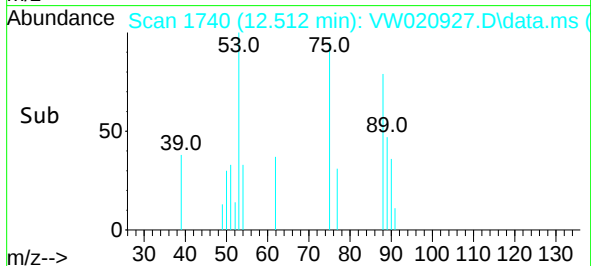
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



Tgt Ion: 75 Resp: 702
Ion Ratio Lower Upper
75 100
53 0.0 81.8 122.8
89 31.6 38.6 57.8

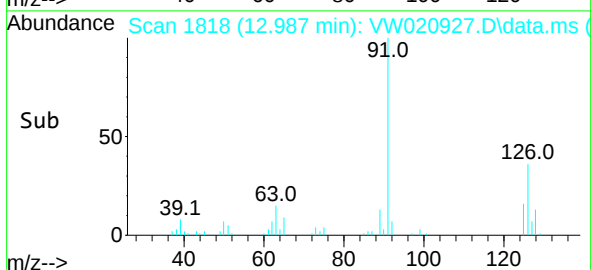
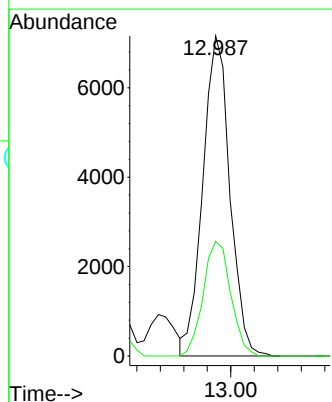
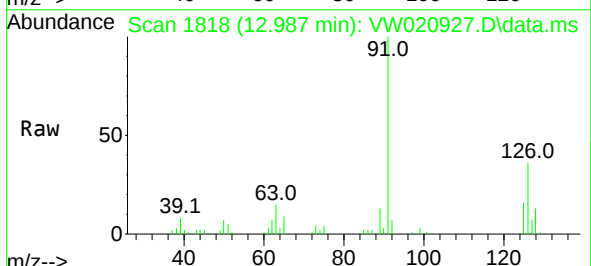
Manual Integrations
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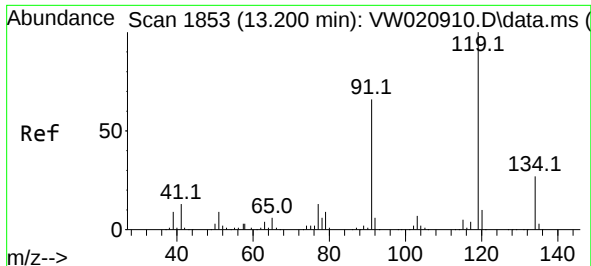
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#82
4-Chlorotoluene
Concen: 4.136 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

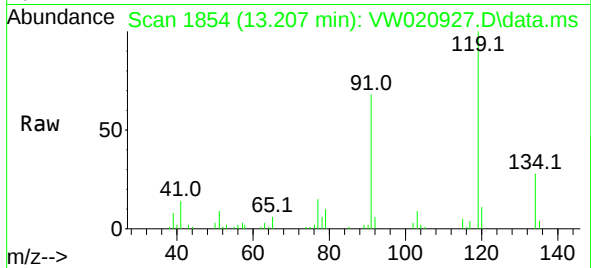
Tgt Ion: 91 Resp: 11427
Ion Ratio Lower Upper
91 100
126 36.5 17.1 51.2





#83
tert-Butylbenzene
Concen: 4.194 ug/l
RT: 13.207 min Scan# 1853
Delta R.T. 0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

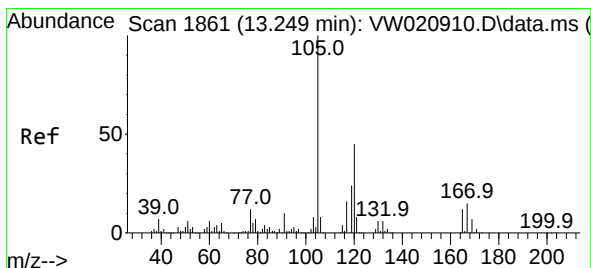
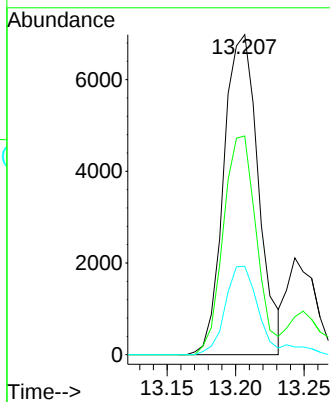
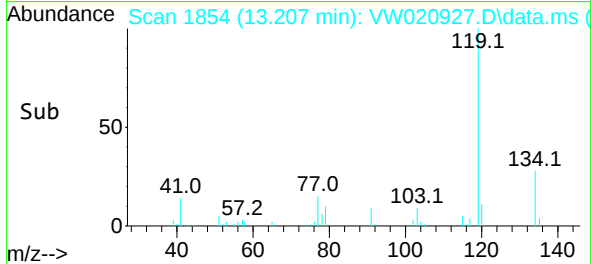
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



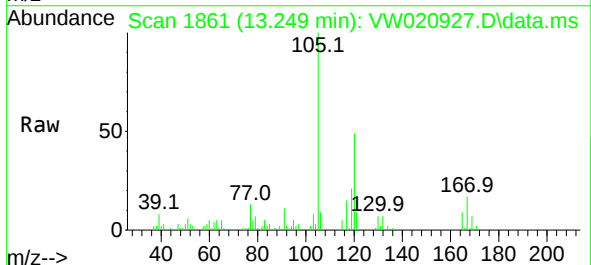
Tgt Ion:119 Resp: 1230
Ion Ratio Lower Upper
119 100
91 65.2 32.6 97.8
134 27.8 13.2 39.5

Manual Integrations
APPROVED

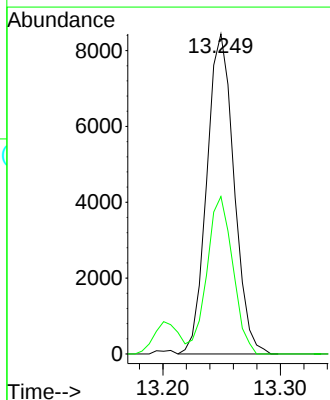
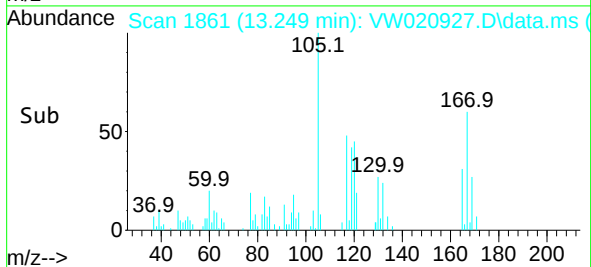
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

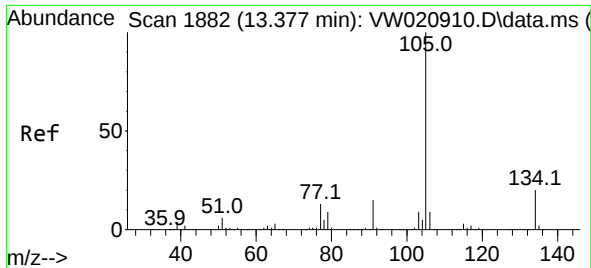


#84
1,2,4-Trimethylbenzene
Concen: 4.186 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion:105 Resp: 13567
Ion Ratio Lower Upper
105 100
120 46.8 22.7 68.1





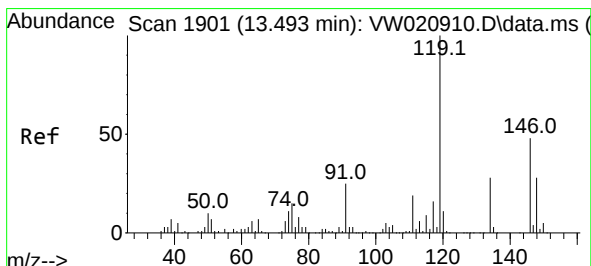
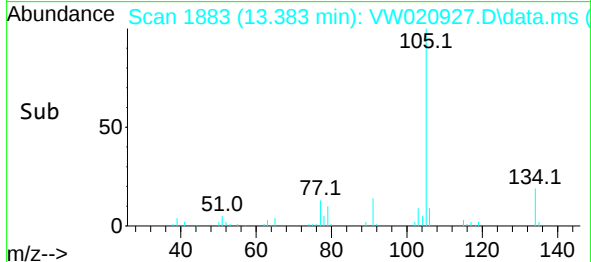
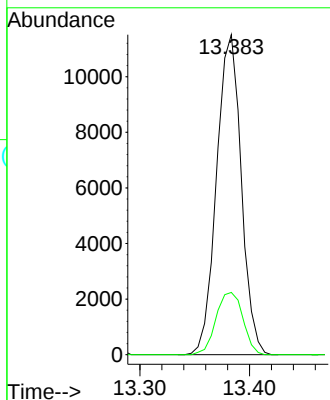
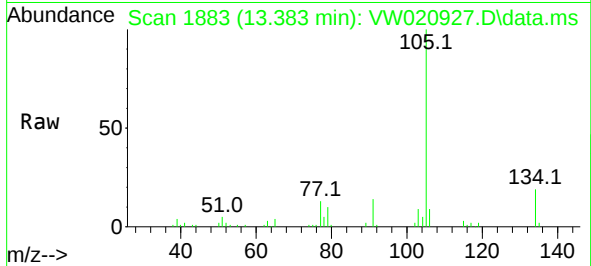
#85
 sec-Butylbenzene
 Concen: 4.267 ug/l
 RT: 13.383 min Scan# 1882
 Delta R.T. 0.006 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

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

Tgt Ion:105 Resp: 1801
 Ion Ratio Lower Upper
 105 100
 134 21.2 10.4 31.4

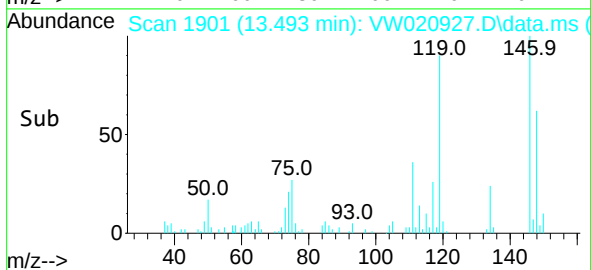
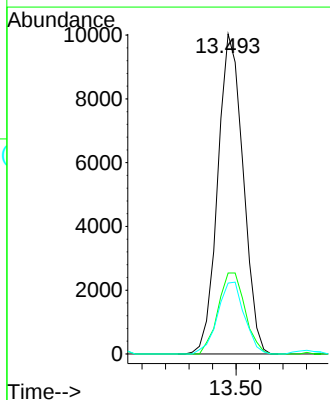
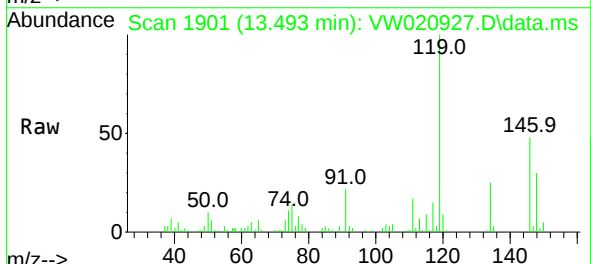
Manual Integrations
 APPROVED

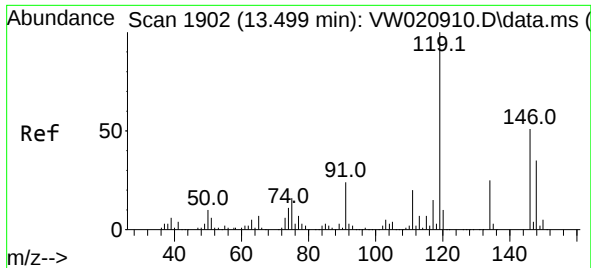
Reviewed By :Vimala Arumugam 11/19/2021
 Supervised By :Mahesh Dadoda 11/19/2021



#86
 p-Isopropyltoluene
 Concen: 4.130 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. 0.000 min
 Lab File: VW020927.D
 Acq: 18 Nov 2021 14:56

Tgt Ion:119 Resp: 15030
 Ion Ratio Lower Upper
 119 100
 134 26.9 13.2 39.5
 91 23.7 11.9 35.9





#87

1,3-Dichlorobenzene

Concen: 4.414 ug/l

RT: 13.499 min Scan# 1902

Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

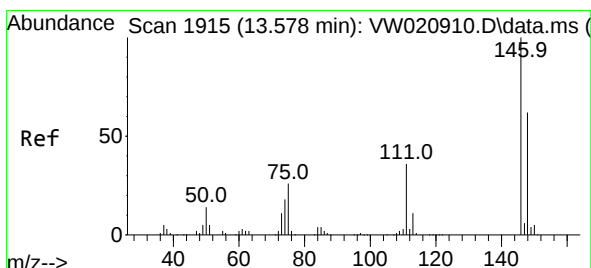
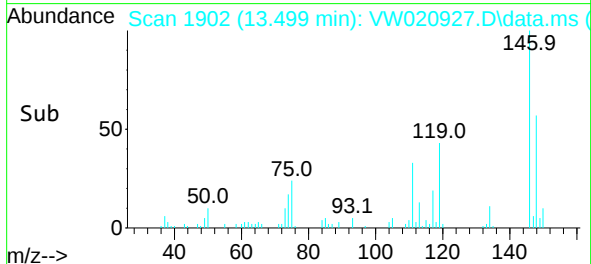
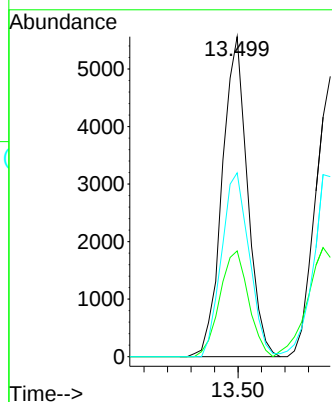
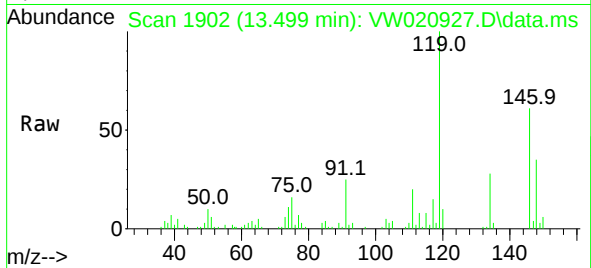
Tgt Ion:146 Resp: 8310

Ion	Ratio	Lower	Upper
146	100		
111	37.3	20.0	59.9
148	63.1	31.7	95.1

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#88

1,4-Dichlorobenzene

Concen: 4.234 ug/l

RT: 13.579 min Scan# 1915

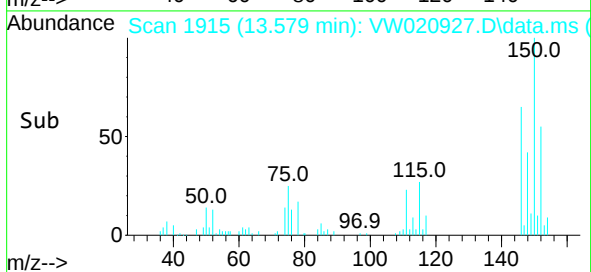
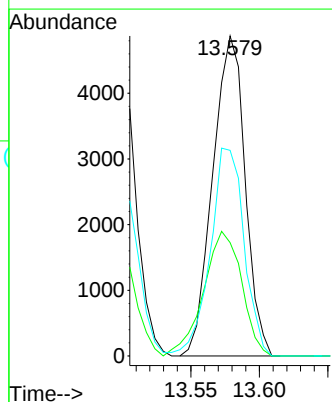
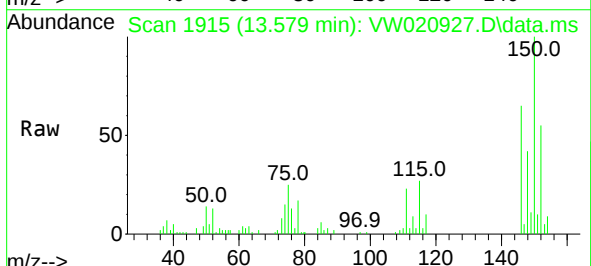
Delta R.T. 0.000 min

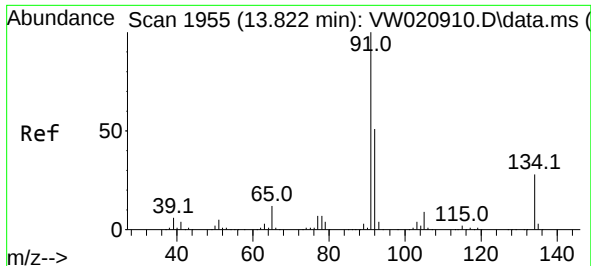
Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Tgt Ion:146 Resp: 8016

Ion	Ratio	Lower	Upper
146	100		
111	45.8	18.8	56.4
148	67.6	31.1	93.2





#89

n-Butylbenzene

Concen: 4.306 ug/l

RT: 13.822 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

Instrument :

MSVOA_W

ClientSampleId :

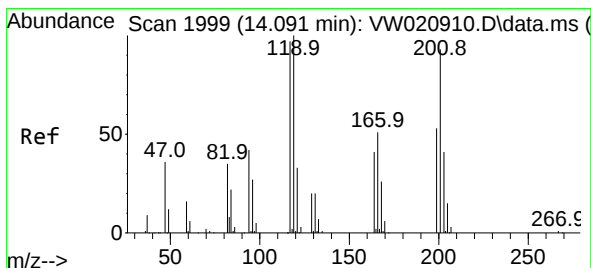
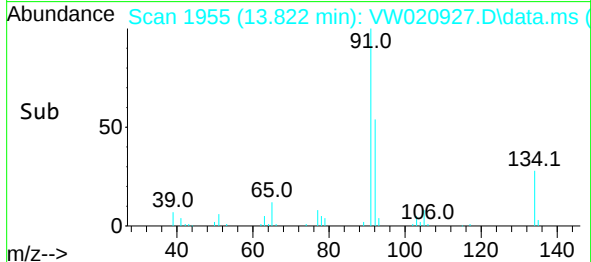
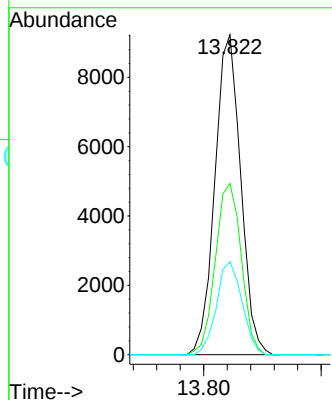
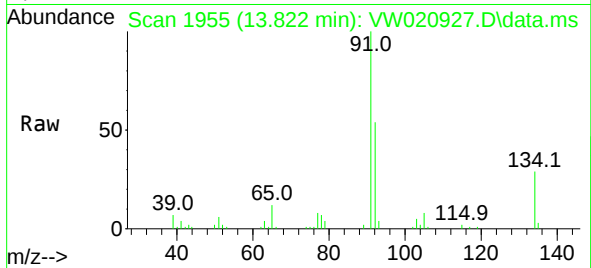
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:	91	Resp:	14070
Ion Ratio	Lower	Upper	
91	100		
92	53.7	26.5	79.4
134	28.8	13.6	40.8

Manual Integrations

APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#90

Hexachloroethane

Concen: 3.600 ug/l

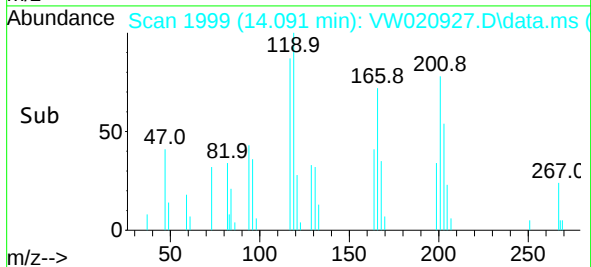
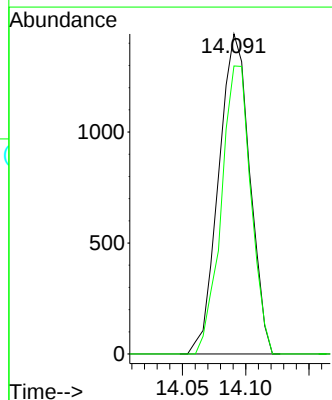
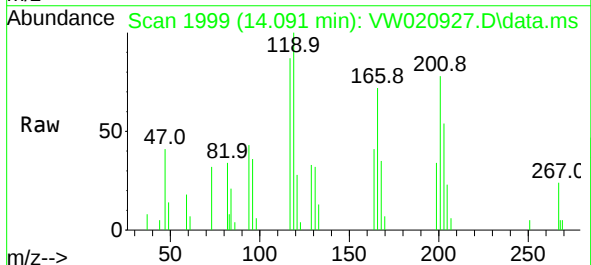
RT: 14.091 min Scan# 1999

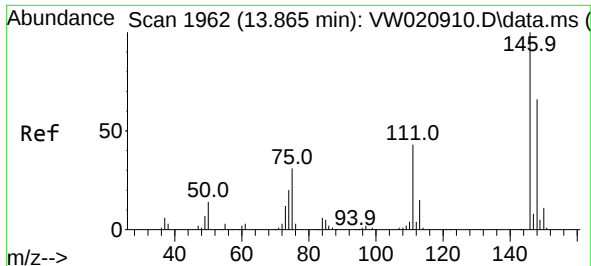
Delta R.T. 0.000 min

Lab File: VW020927.D

Acq: 18 Nov 2021 14:56

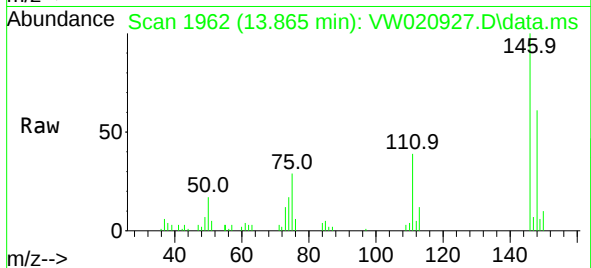
Tgt Ion:	117	Resp:	2467
Ion Ratio	Lower	Upper	
117	100		
201	85.7	43.8	131.4





#91
1,2-Dichlorobenzene
Concen: 4.315 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

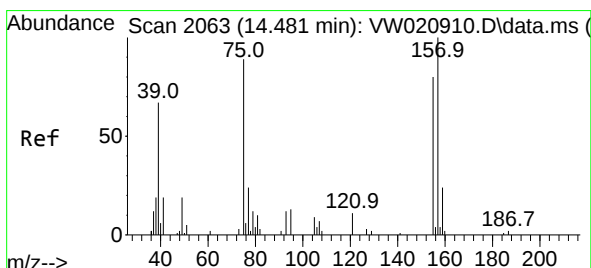
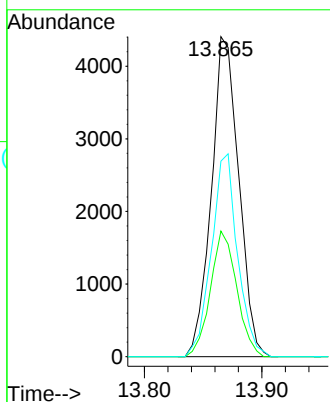
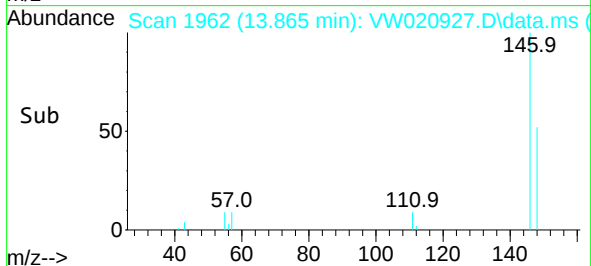
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021



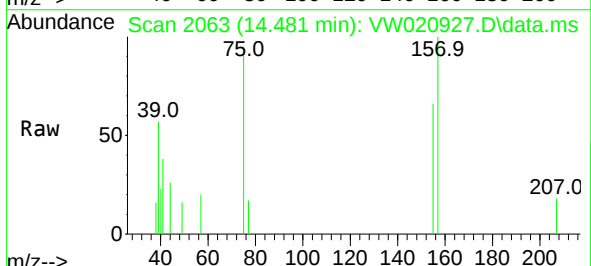
Tgt Ion:146 Resp: 714
Ion Ratio Lower Upper
146 100
111 37.7 21.1 63.3
148 60.5 32.6 97.8

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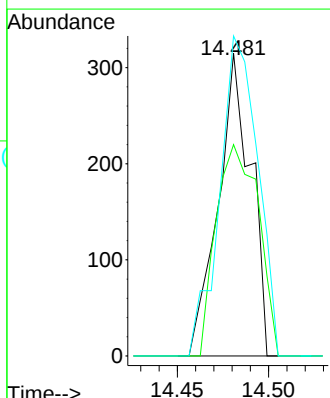
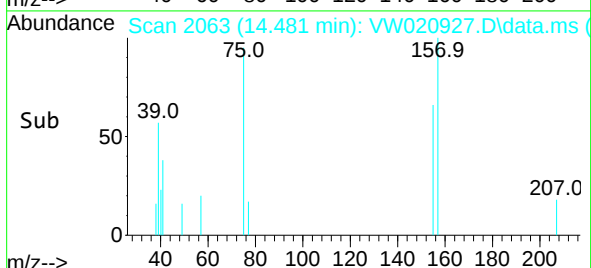
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021

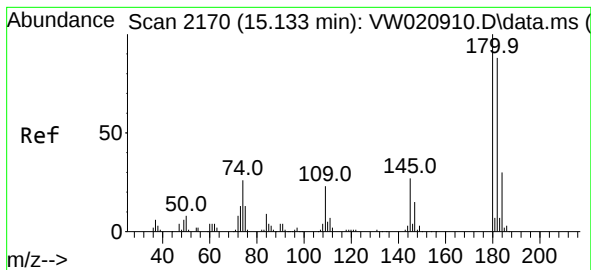


#92
1,2-Dibromo-3-Chloropropane
Concen: 3.326 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56



Tgt Ion: 75 Resp: 390
Ion Ratio Lower Upper
75 100
155 91.0 45.9 137.6
157 124.1 57.8 173.4





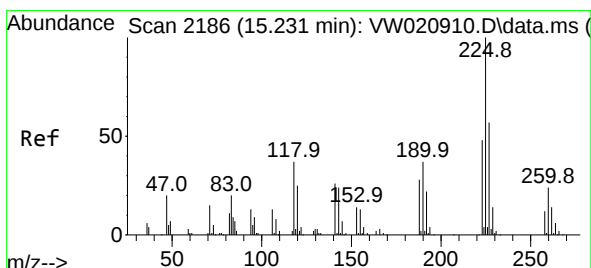
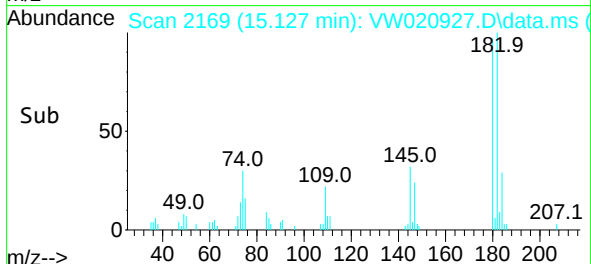
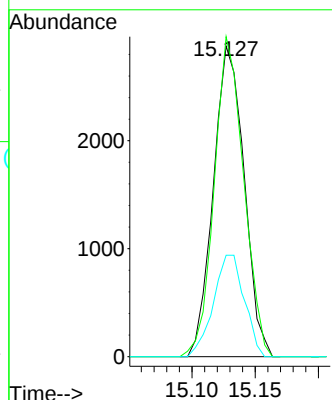
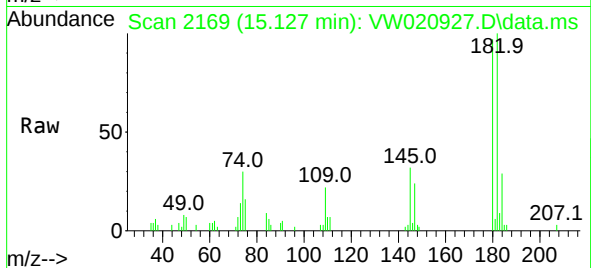
#93
1,2,4-Trichlorobenzene
Concen: 4.130 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

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

Tgt Ion:180 Resp: 487
Ion Ratio Lower Upper
180 100
182 98.2 46.5 139.3
145 32.7 15.0 45.1

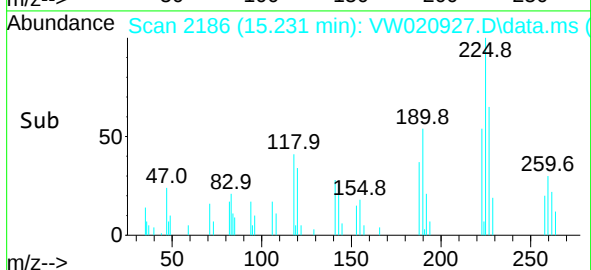
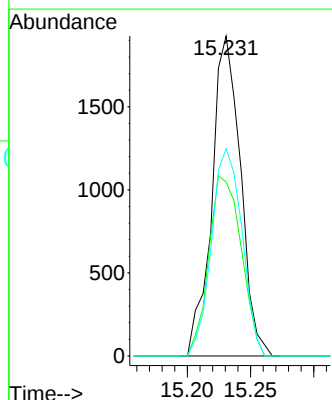
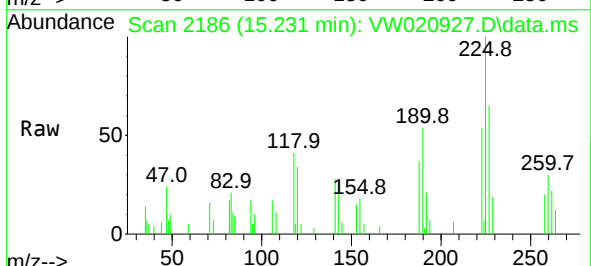
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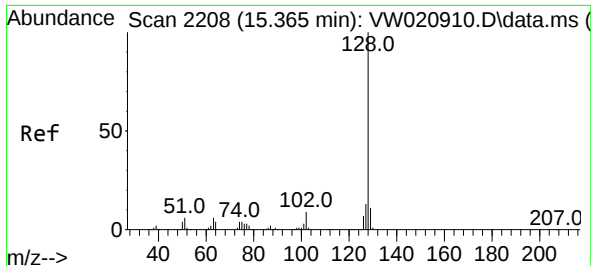
Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#94
Hexachlorobutadiene
Concen: 4.530 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

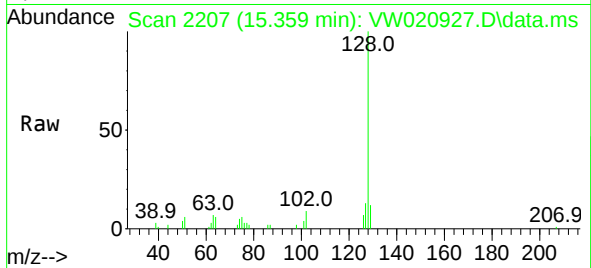
Tgt Ion:225 Resp: 3030
Ion Ratio Lower Upper
225 100
223 63.8 31.1 93.3
227 68.9 32.8 98.3





#95
Naphthalene
Concen: 3.891 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

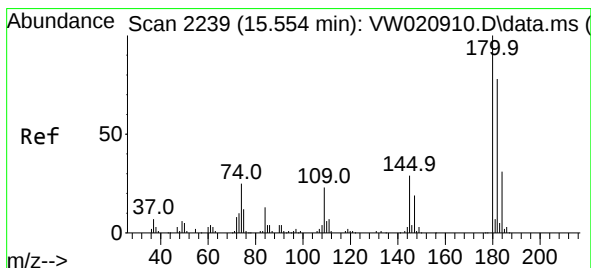
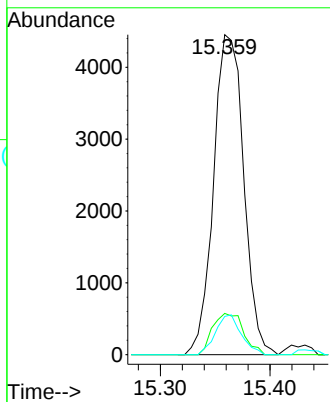
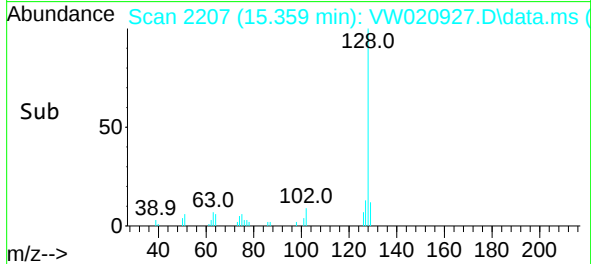
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:128 Resp: 850
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.7 8.6 13.0

Manual Integrations
APPROVED

Reviewed By :Vimala Arumugam 11/19/2021
Supervised By :Mahesh Dadoda 11/19/2021



#96
1,2,3-Trichlorobenzene
Concen: 4.142 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.000 min
Lab File: VW020927.D
Acq: 18 Nov 2021 14:56

Tgt Ion:180 Resp: 4307
Ion Ratio Lower Upper
180 100
182 91.4 46.2 138.6
145 31.0 14.9 44.5

