

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW052221\
 Data File : VW019057.D
 Acq On : 21 May 2021 18:31
 Operator : SY/VA
 Sample : M2262-01 4PPBLOD
 Misc : 5.00G/5ML/MSVOA_W/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

Quant Time: May 22 03:51:21 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W051921S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 22 03:50:37 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	339904	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	583704	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	525547	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	263394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	221040	63.75	ug/l	0.00
Spiked Amount 50.000			Recovery	=	127.50%	
35) Dibromofluoromethane	7.885	113	192183	59.13	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.26%	
50) Toluene-d8	10.323	98	759114	59.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	118.68%	
62) 4-Bromofluorobenzene	12.615	95	270185	58.59	ug/l	0.00
Spiked Amount 50.000			Recovery	=	117.18%	
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.014	85	7747	3.39	ug/l	100
3) Chloromethane	2.215	50	11222	4.42	ug/l	94
4) Vinyl Chloride	2.361	62	14766	3.96	ug/l	95
5) Bromomethane	2.776	94	12733	4.07	ug/l	94
6) Chloroethane	2.922	64	10071	3.93	ug/l	92
7) Trichlorofluoromethane	3.257	101	6603	3.22	ug/l	94
8) Diethyl Ether	3.684	74	7511	4.21	ug/l	92
9) 1,1,2-Trichlorotrifluo...	4.074	101	13552	4.08	ug/l	99
10) Methyl Iodide	4.282	142	19113	3.92	ug/l	98
11) Tert butyl alcohol	5.190	59	6860	33.98	ug/l #	92
12) 1,1-Dichloroethene	4.044	96	13675	4.04	ug/l	98
13) Acrolein	3.897	56	3358	14.67	ug/l	92
14) Allyl chloride	4.672	41	16208	3.68	ug/l	98
15) Acrylonitrile	5.373	53	13640	20.38	ug/l	98
16) Acetone	4.135	43	14285	26.21	ug/l	93
17) Carbon Disulfide	4.397	76	33342	3.60	ug/l	99
18) Methyl Acetate	4.684	43	8391	5.23	ug/l #	85
19) Methyl tert-butyl Ether	5.428	73	16991	4.00	ug/l	98
20) Methylene Chloride	4.922	84	58437	11.95	ug/l	98
21) trans-1,2-Dichloroethene	5.428	96	15574	4.03	ug/l	97
22) Diisopropyl ether	6.318	45	34647	3.87	ug/l #	97
23) Vinyl Acetate	6.257	43	105194	17.45	ug/l	99
24) 1,1-Dichloroethane	6.220	63	27296	3.93	ug/l	98
25) 2-Butanone	7.177	43	20232	22.60	ug/l	90
26) 2,2-Dichloropropane	7.165	77	16308	4.36	ug/l	95
27) cis-1,2-Dichloroethene	7.171	96	16422	3.83	ug/l	90
28) Bromochloromethane	7.513	49	12016	4.26	ug/l	97
29) Tetrahydrofuran	7.537	42	10163	19.41	ug/l	97
30) Chloroform	7.677	83	28818	4.09	ug/l	100
31) Cyclohexane	7.952	56	28853	4.97	ug/l #	70
32) 1,1,1-Trichloroethane	7.872	97	21068	4.02	ug/l	95
36) 1,1-Dichloropropene	8.080	75	23447	4.03	ug/l	99
37) Ethyl Acetate	7.257	43	10174	4.52	ug/l	97
38) Carbon Tetrachloride	8.067	117	18875	3.68	ug/l	94
39) Methylcyclohexane	9.336	83	23958	3.73	ug/l	93
40) Benzene	8.324	78	64268	3.96	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.482	41	4036	3.29	ug/l	95
42) 1,2-Dichloroethane	8.403	62	19045	3.95	ug/l	99
43) Isopropyl Acetate	8.427	43	17411	4.15	ug/l	99
44) Trichloroethene	9.092	130	16595	3.96	ug/l	92
45) 1,2-Dichloropropane	9.372	63	15766	4.01	ug/l	98
46) Dibromomethane	9.457	93	8129	3.81	ug/l	98
47) Bromodichloromethane	9.646	83	19528	3.68	ug/l	89
48) Methyl methacrylate	9.439	41	6728	3.49	ug/l	94
49) 1,4-Dioxane	9.457	88	1967	80.86	ug/l #	63
51) 4-Methyl-2-Pentanone	10.213	43	43927	20.22	ug/l	99
52) Toluene	10.384	92	40354	3.92	ug/l	97
53) t-1,3-Dichloropropene	10.610	75	17600	3.37	ug/l #	88
54) cis-1,3-Dichloropropene	10.073	75	22087	3.55	ug/l	96
55) 1,1,2-Trichloroethane	10.786	97	11862	4.02	ug/l	96
56) Ethyl methacrylate	10.646	69	13346	3.60	ug/l	96
57) 1,3-Dichloropropane	10.933	76	20336	3.85	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.927	63	29195	15.24	ug/l	100
59) 2-Hexanone	10.969	43	26955	18.66	ug/l	99
60) Dibromochloromethane	11.128	129	11570	3.51	ug/l	98
61) 1,2-Dibromoethane	11.238	107	10825	3.82	ug/l	96
64) Tetrachloroethene	10.860	164	13972	4.09	ug/l	89
65) Chlorobenzene	11.658	112	41639	3.89	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	13220	3.62	ug/l	97
67) Ethyl Benzene	11.731	91	75096	3.80	ug/l	99
68) m/p-Xylenes	11.841	106	55474	7.47	ug/l	100
69) o-Xylene	12.164	106	24730	3.57	ug/l	95
70) Styrene	12.183	104	42160	3.59	ug/l	100
71) Bromoform	12.347	173	6256	3.42	ug/l #	97
73) Isopropylbenzene	12.463	105	69172	3.58	ug/l	98
74) N-amyl acetate	12.274	43	13873	3.48	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	14720	4.26	ug/l	97
76) 1,2,3-Trichloropropane	12.768	75	16429	6.61	ug/l #	100
77) Bromobenzene	12.743	156	16463	3.87	ug/l	96
78) n-propylbenzene	12.804	91	87461	3.71	ug/l	100
79) 2-Chlorotoluene	12.890	91	50712	3.77	ug/l	98
80) 1,3,5-Trimethylbenzene	12.945	105	58760	3.59	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	143229	140.37	ug/l #	9
82) 4-Chlorotoluene	12.987	91	53835	3.77	ug/l	100
83) tert-Butylbenzene	13.207	119	48744	3.53	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	60111	3.70	ug/l	99
85) sec-Butylbenzene	13.384	105	74954	3.66	ug/l	100
86) p-Isopropyltoluene	13.493	119	62983	3.55	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	33537	3.86	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	34729	4.05	ug/l	94
89) n-Butylbenzene	13.823	91	63569	3.64	ug/l	99
90) Hexachloroethane	14.091	117	9775	3.51	ug/l	91
91) 1,2-Dichlorobenzene	13.865	146	29397	3.82	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.481	75	2172	3.94	ug/l	96
93) 1,2,4-Trichlorobenzene	15.127	180	19617	3.81	ug/l	99
94) Hexachlorobutadiene	15.237	225	10967	3.69	ug/l	96
95) Naphthalene	15.365	128	34400	3.67	ug/l	99
96) 1,2,3-Trichlorobenzene	15.554	180	17329	3.89	ug/l	98

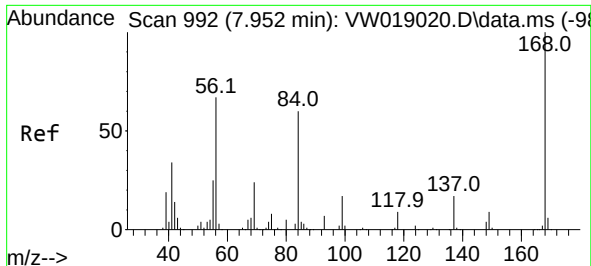
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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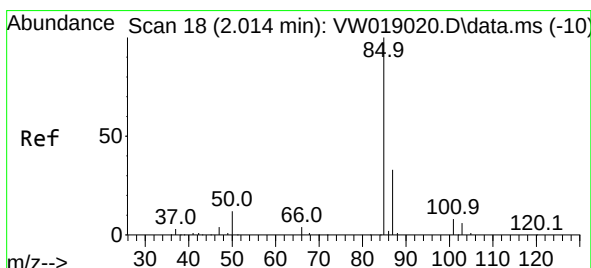
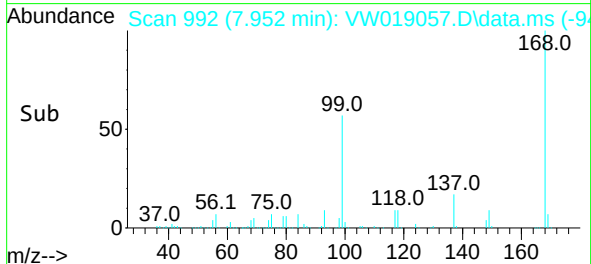
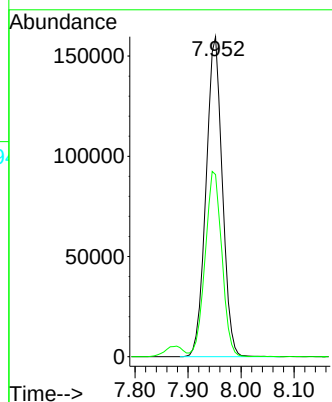
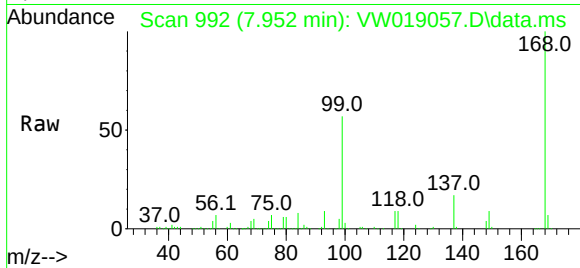
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
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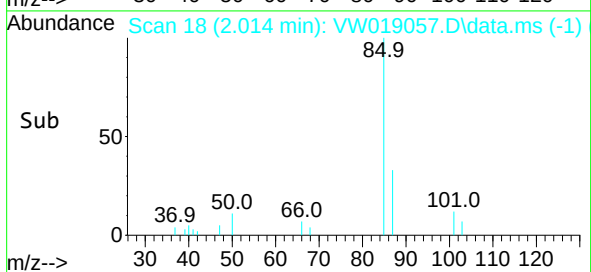
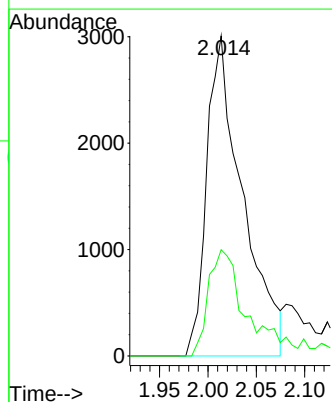
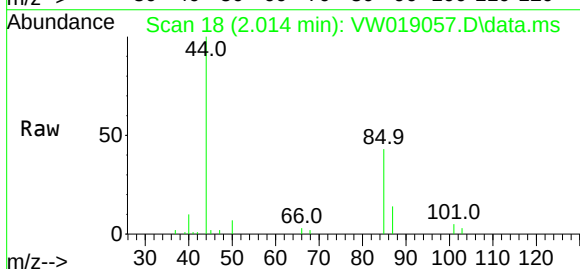
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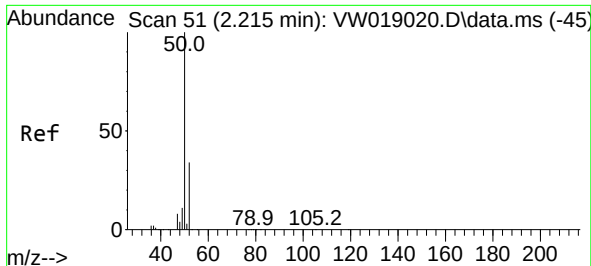
Tgt Ion:168 Resp: 339904
Ion Ratio Lower Upper
168 100
99 56.9 48.8 73.2



#2
Dichlorodifluoromethane
Concen: 3.39 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 85 Resp: 7747
Ion Ratio Lower Upper
85 100
87 33.2 16.7 50.0

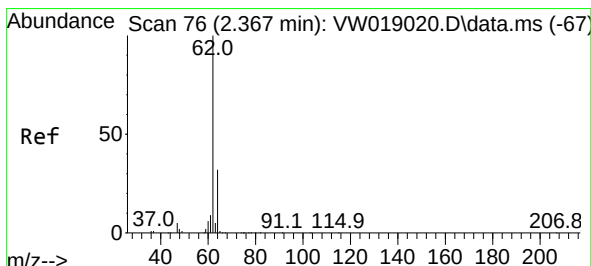
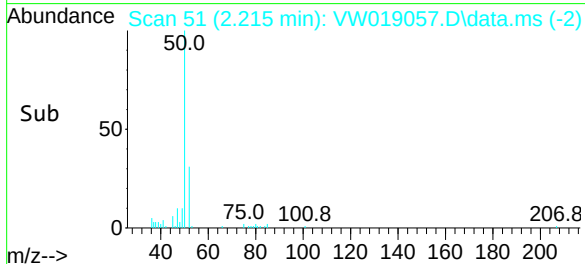
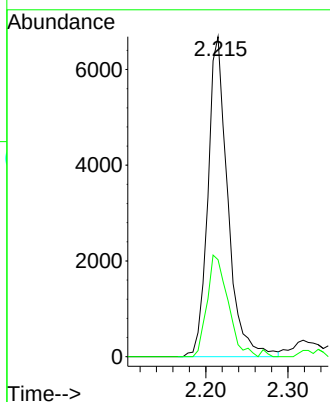
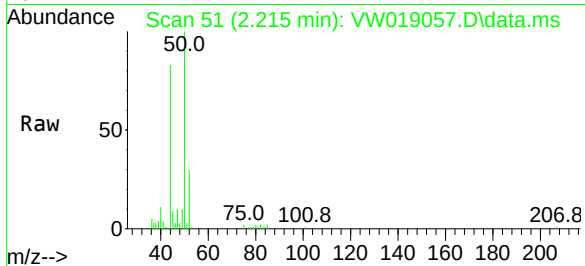




#3
Chloromethane
Concen: 4.42 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

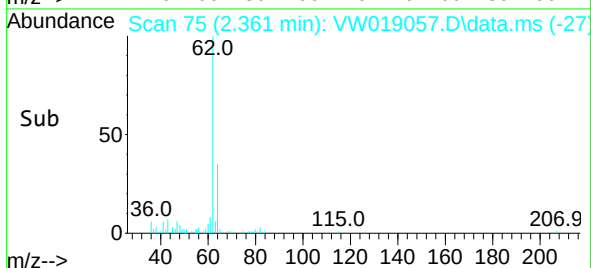
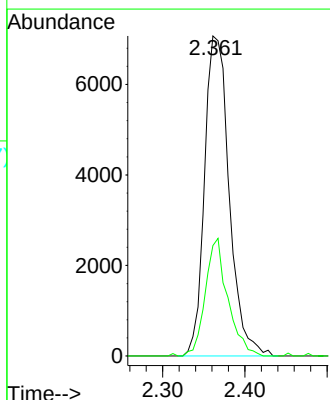
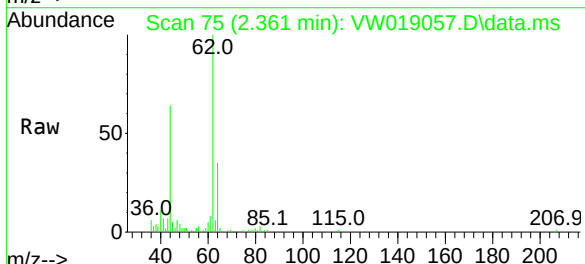
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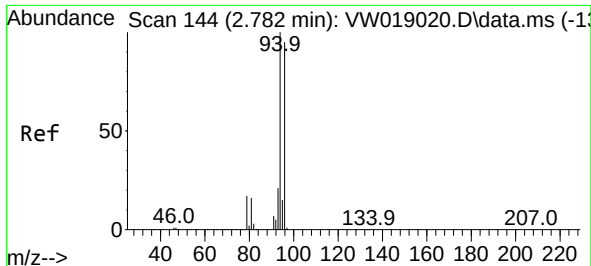
Tgt Ion: 50 Resp: 11222
Ion Ratio Lower Upper
50 100
52 30.3 26.9 40.3



#4
Vinyl Chloride
Concen: 3.96 ug/l
RT: 2.361 min Scan# 75
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 62 Resp: 14766
Ion Ratio Lower Upper
62 100
64 34.5 25.3 37.9

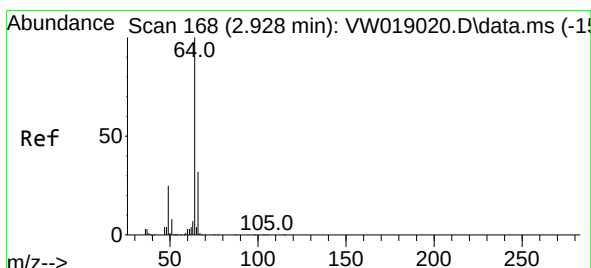
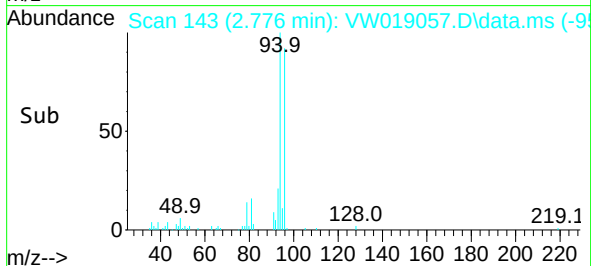
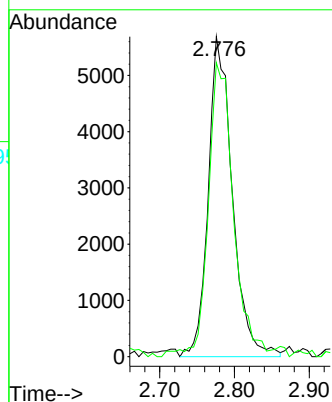
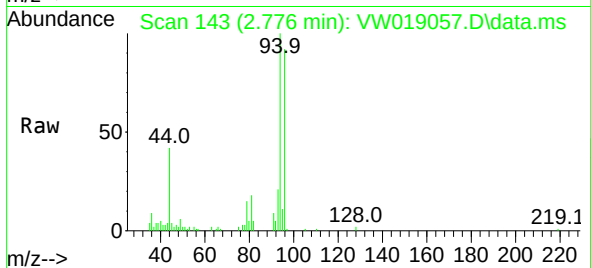




#5
Bromomethane
Concen: 4.07 ug/l
RT: 2.776 min Scan# 143
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

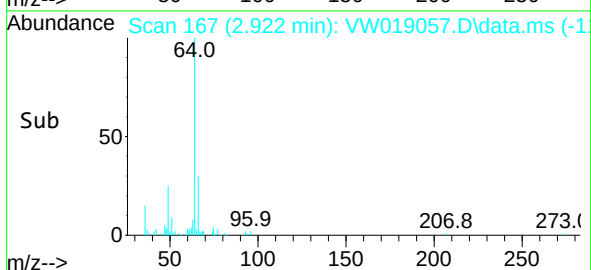
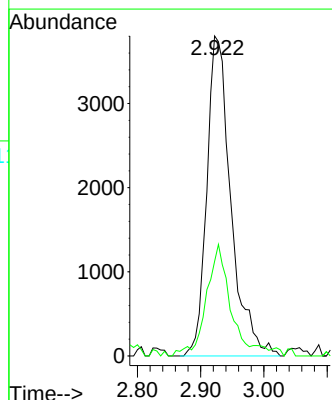
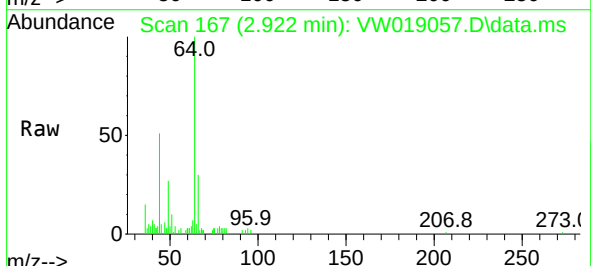
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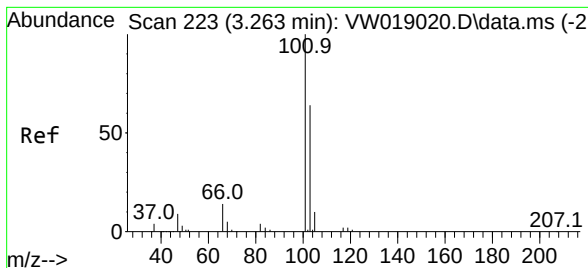
Tgt Ion: 94 Resp: 12733
Ion Ratio Lower Upper
94 100
96 89.6 76.4 114.6



#6
Chloroethane
Concen: 3.93 ug/l
RT: 2.922 min Scan# 167
Delta R.T. -0.006 min
Lab File: VW019057.D
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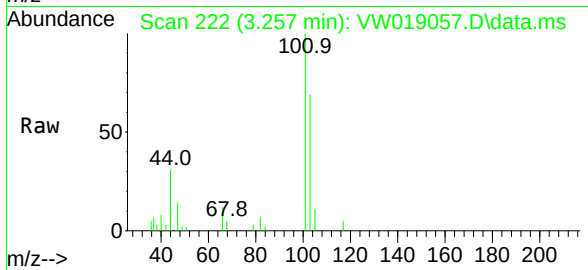
Tgt Ion: 64 Resp: 10071
Ion Ratio Lower Upper
64 100
66 28.1 25.9 38.9



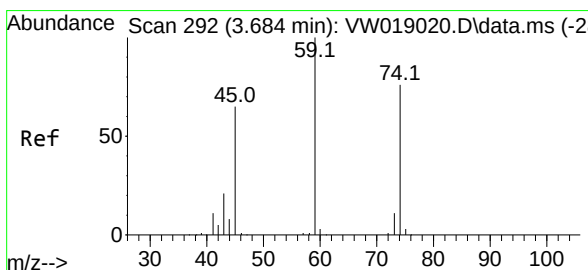
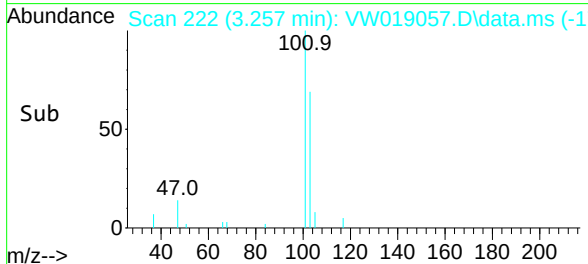
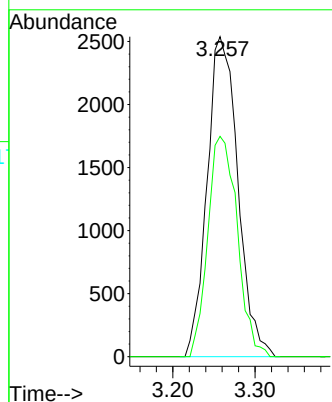


#7
 Trichlorofluoromethane
 Concen: 3.22 ug/l
 RT: 3.257 min Scan# 222
 Delta R.T. -0.006 min
 Lab File: VW019057.D
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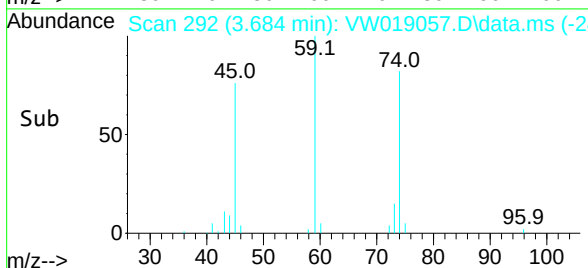
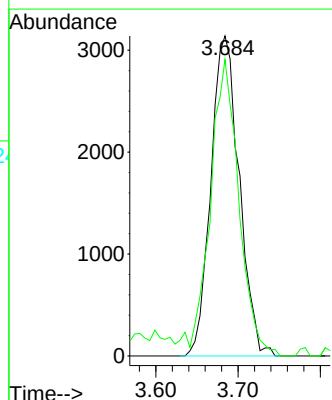
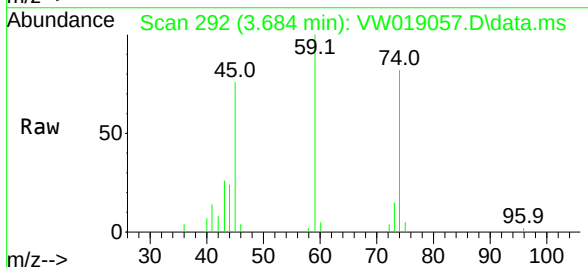


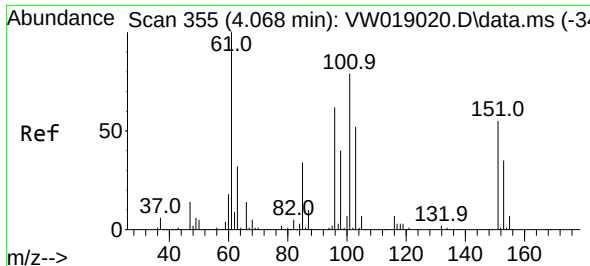
Tgt Ion:101 Resp: 6603
 Ion Ratio Lower Upper
 101 100
 103 68.8 51.4 77.2



#8
 Diethyl Ether
 Concen: 4.21 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. 0.000 min
 Lab File: VW019057.D
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Tgt Ion: 74 Resp: 7511
 Ion Ratio Lower Upper
 74 100
 45 94.1 43.3 129.8

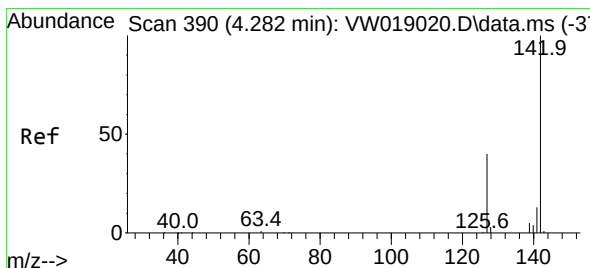
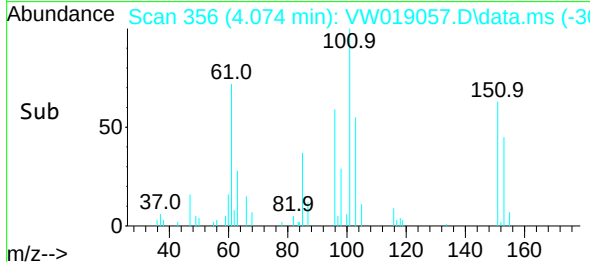
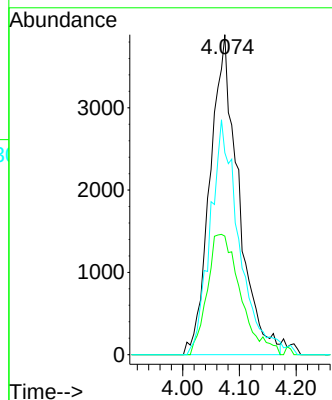
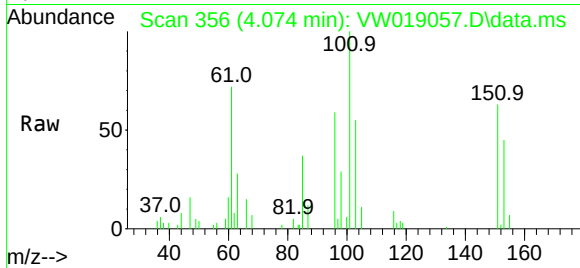




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.08 ug/l
RT: 4.074 min Scan# 356
Delta R.T. 0.006 min
Lab File: VW019057.D
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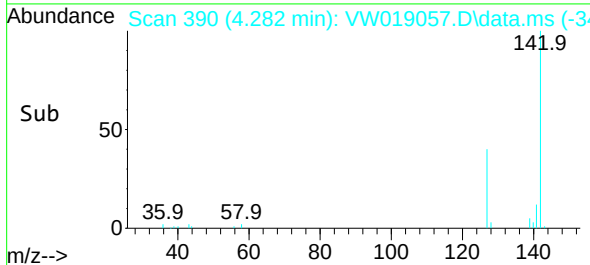
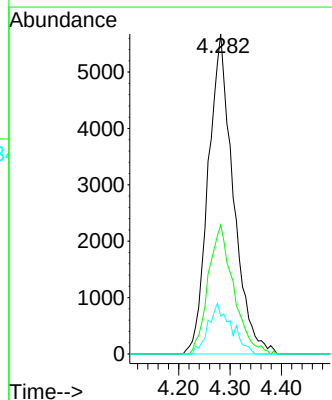
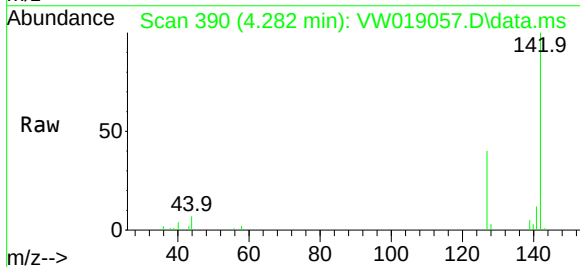
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ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

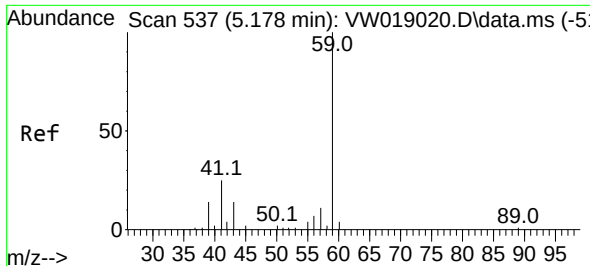
Tgt Ion:	101	Resp:	13552
Ion	Ratio	Lower	Upper
101	100		
85	43.9	35.9	53.9
151	75.1	59.8	89.6



#10
Methyl Iodide
Concen: 3.92 ug/l
RT: 4.282 min Scan# 390
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

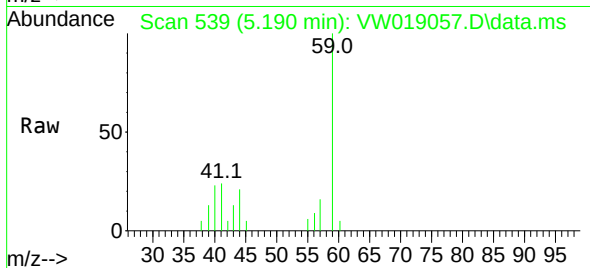
Tgt Ion:	142	Resp:	19113
Ion	Ratio	Lower	Upper
142	100		
127	41.0	33.7	50.5
141	14.7	11.2	16.8



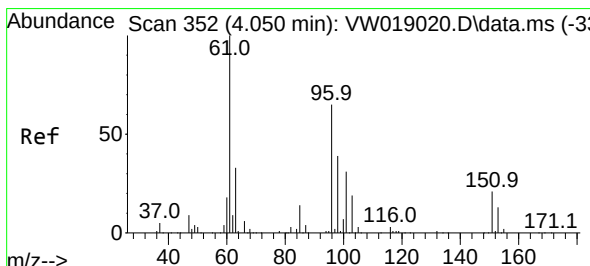
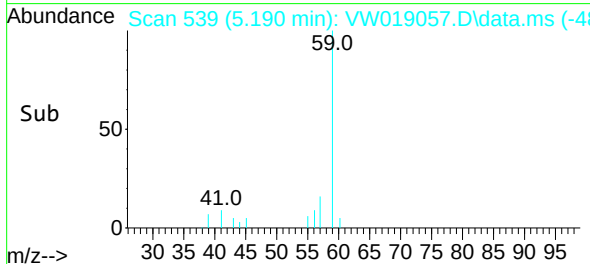
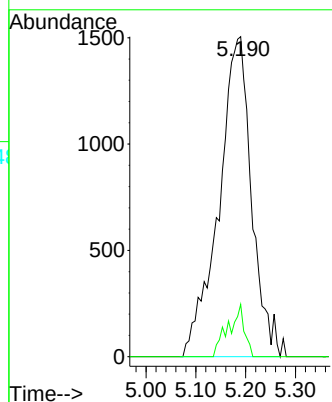


#11
Tert butyl alcohol
Concen: 33.98 ug/l
RT: 5.190 min Scan# 539
Delta R.T. 0.012 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

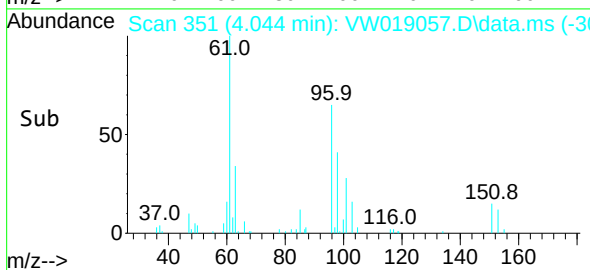
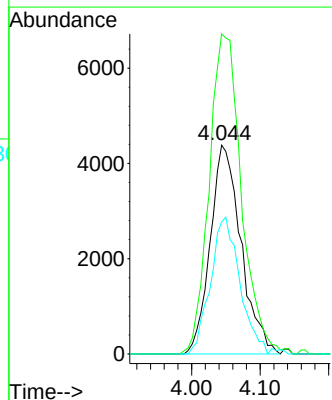
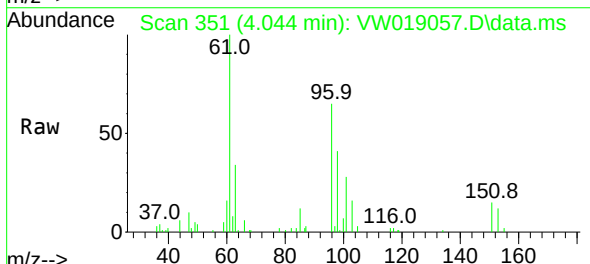


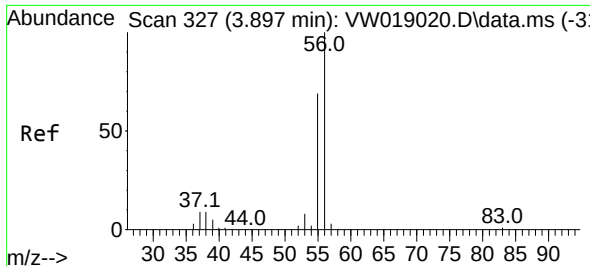
Tgt Ion: 59 Resp: 6860
Ion Ratio Lower Upper
59 100
57 8.0 8.9 13.3#



#12
1,1-Dichloroethene
Concen: 4.04 ug/l
RT: 4.044 min Scan# 351
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 96 Resp: 13675
Ion Ratio Lower Upper
96 100
61 153.3 123.0 184.4
98 63.2 47.5 71.3

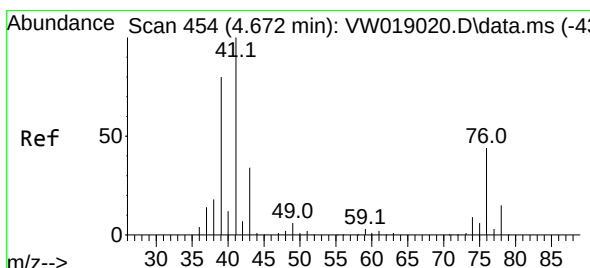
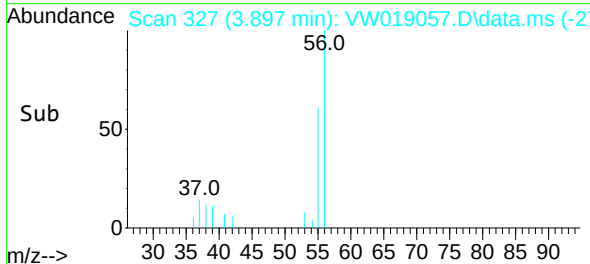
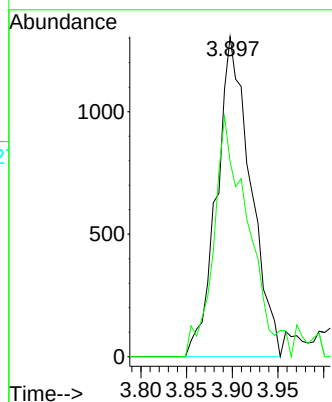
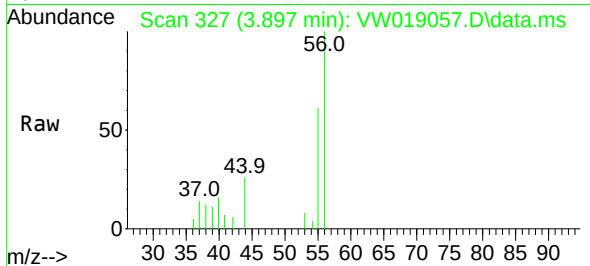




#13
Acrolein
Concen: 14.67 ug/l
RT: 3.897 min Scan# 327
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

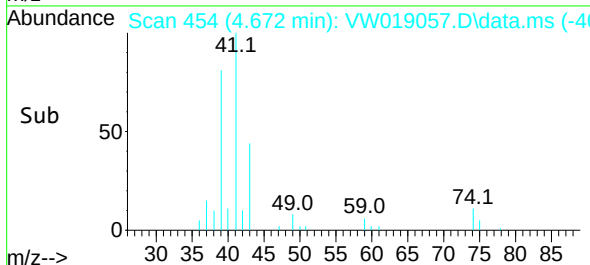
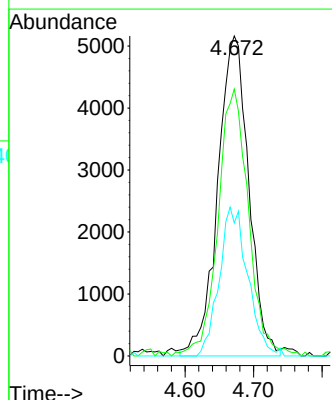
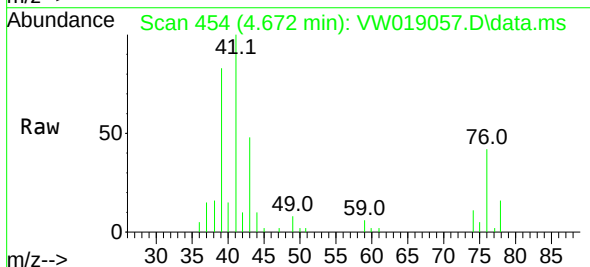
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

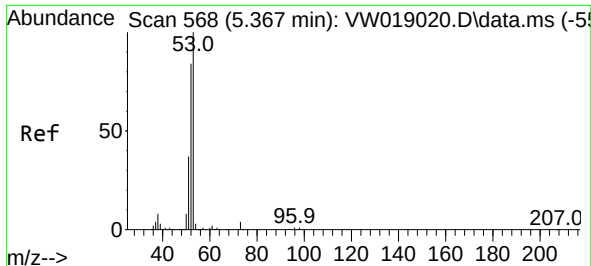
Tgt Ion: 56 Resp: 3358
Ion Ratio Lower Upper
56 100
55 77.2 56.7 85.1



#14
Allyl chloride
Concen: 3.68 ug/l
RT: 4.672 min Scan# 454
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

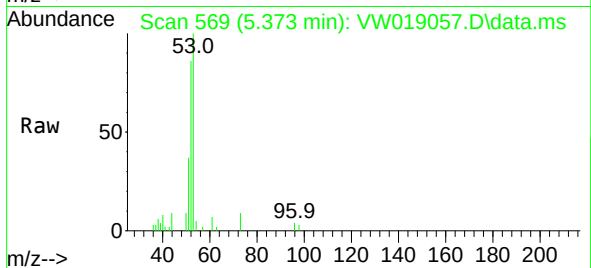
Tgt Ion: 41 Resp: 16208
Ion Ratio Lower Upper
41 100
39 82.0 63.9 95.9
76 42.8 35.1 52.7



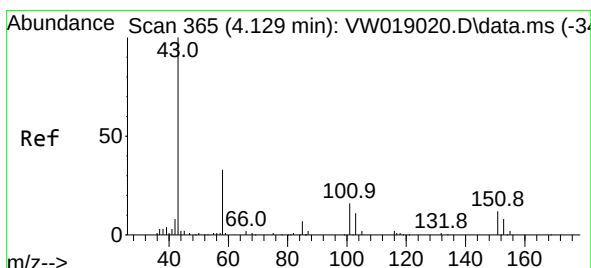
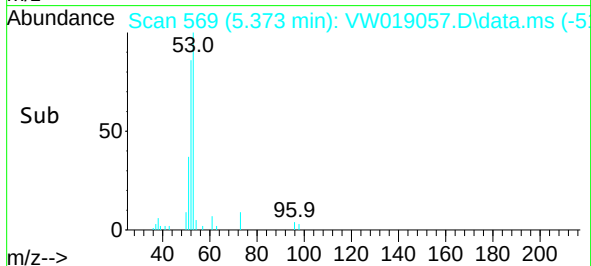
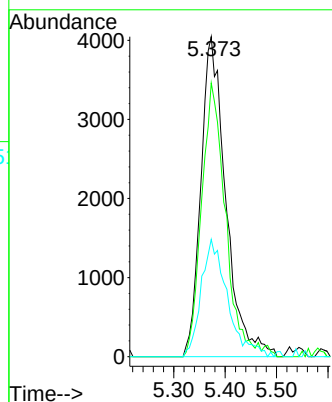


#15
Acrylonitrile
Concen: 20.38 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

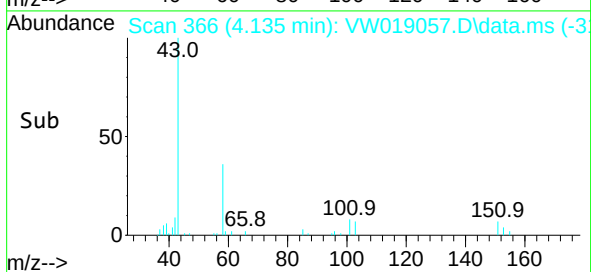
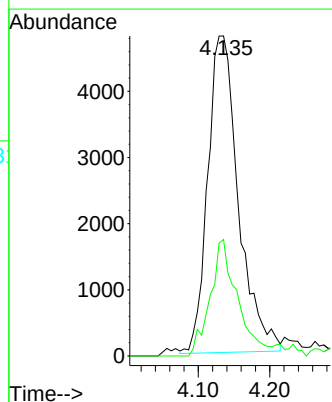
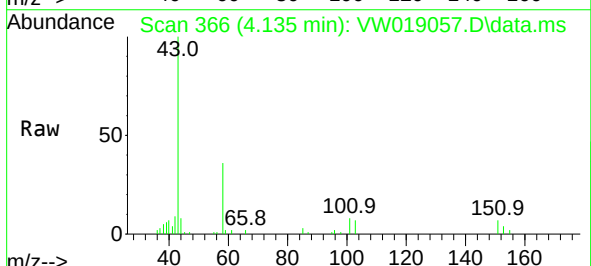


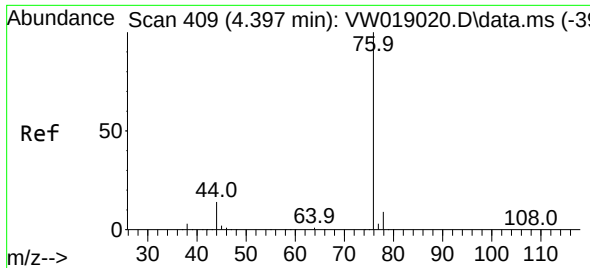
Tgt Ion: 53	Resp: 13640
Ion Ratio	Lower Upper
53	100
52	81.1 66.5 99.7
51	38.7 29.8 44.8



#16
Acetone
Concen: 26.21 ug/l
RT: 4.135 min Scan# 366
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 43	Resp: 14285
Ion Ratio	Lower Upper
43	100
58	37.0 26.4 39.6

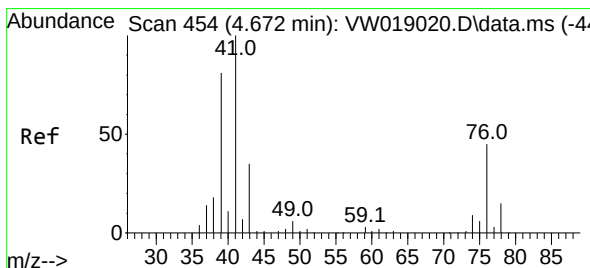
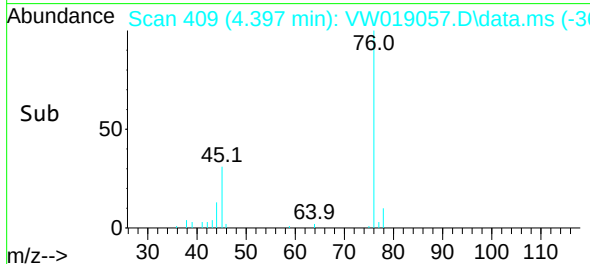
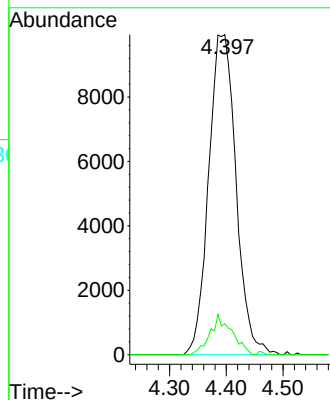
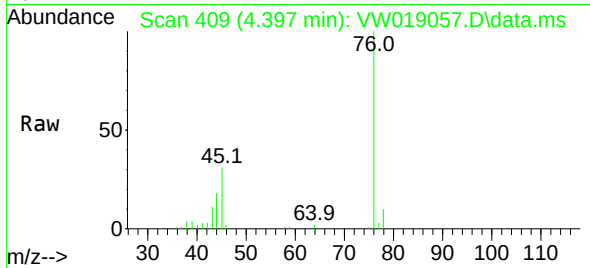




#17
Carbon Disulfide
Concen: 3.60 ug/l
RT: 4.397 min Scan# 409
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

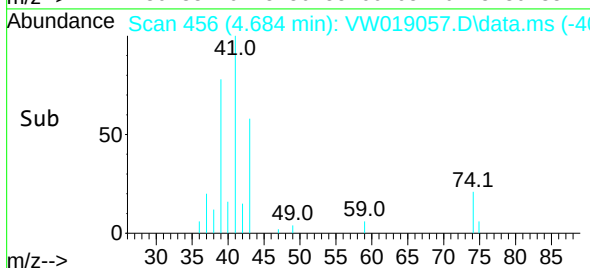
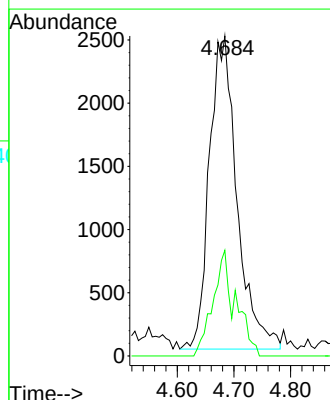
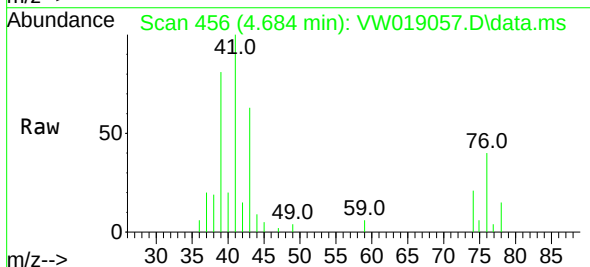
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

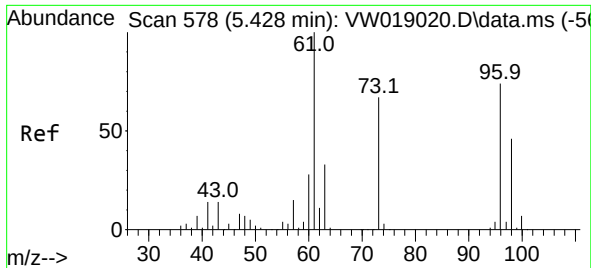
Tgt Ion: 76 Resp: 33342
Ion Ratio Lower Upper
76 100
78 9.6 7.4 11.2



#18
Methyl Acetate
Concen: 5.23 ug/l
RT: 4.684 min Scan# 456
Delta R.T. 0.012 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 43 Resp: 8391
Ion Ratio Lower Upper
43 100
74 19.5 21.8 32.8#

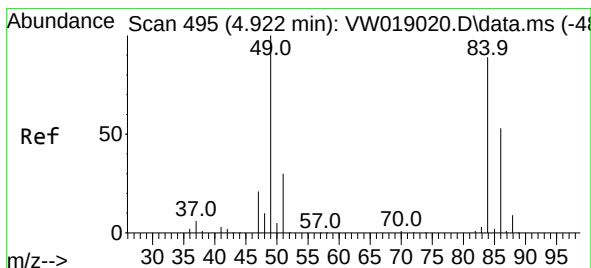
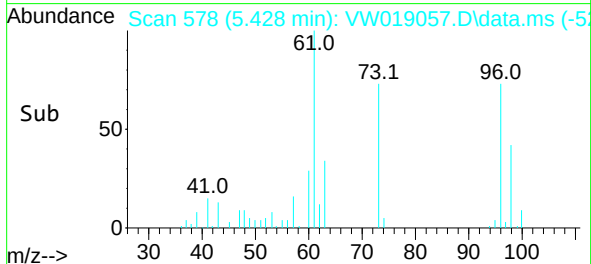
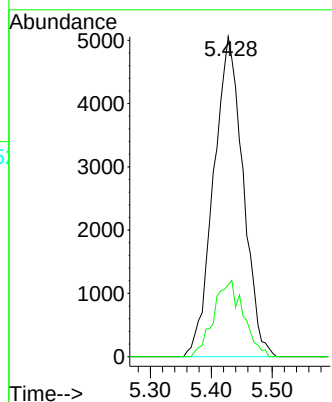
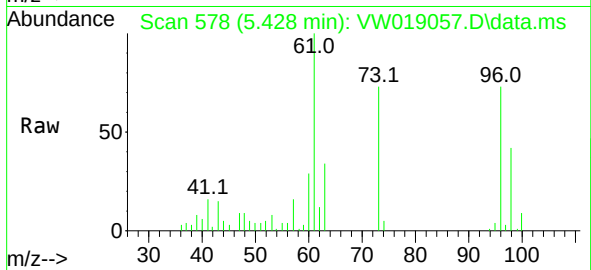




#19
Methyl tert-butyl Ether
Concen: 4.00 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

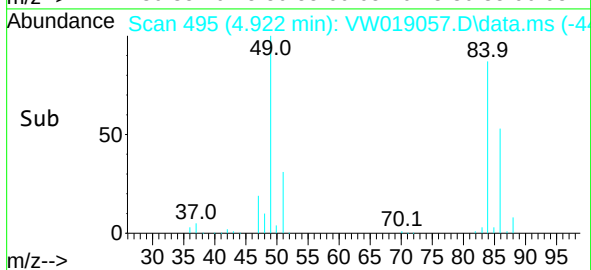
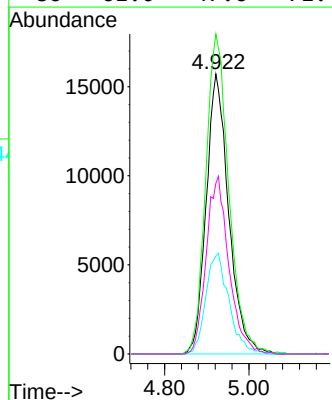
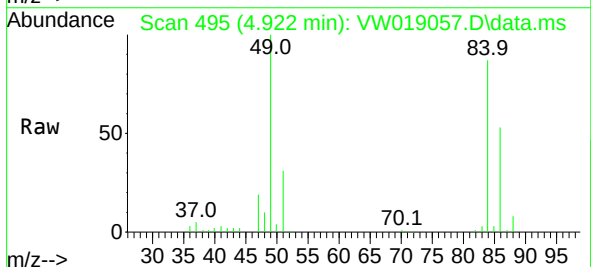
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

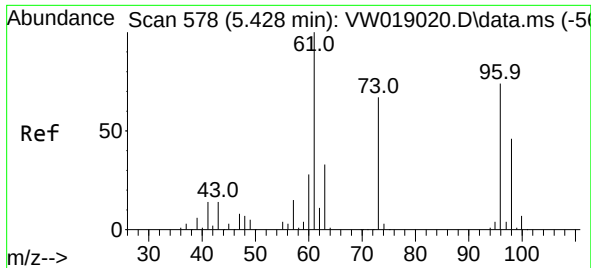
Tgt Ion: 73 Resp: 16991
Ion Ratio Lower Upper
73 100
57 22.4 17.4 26.0



#20
Methylene Chloride
Concen: 11.95 ug/l
RT: 4.922 min Scan# 495
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

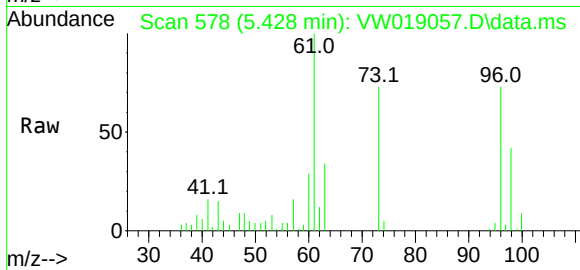
Tgt Ion: 84 Resp: 58437
Ion Ratio Lower Upper
84 100
49 114.4 90.4 135.6
51 34.9 27.1 40.7
86 61.0 47.6 71.4



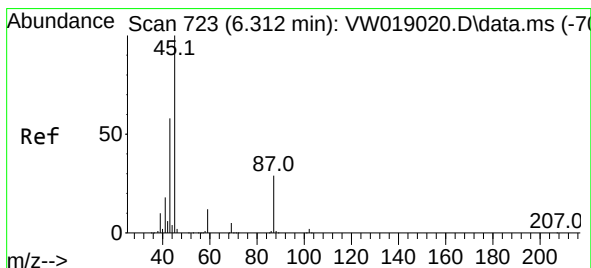
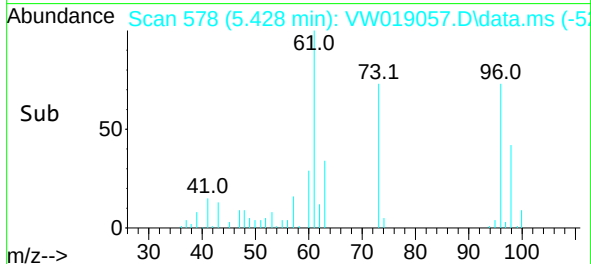
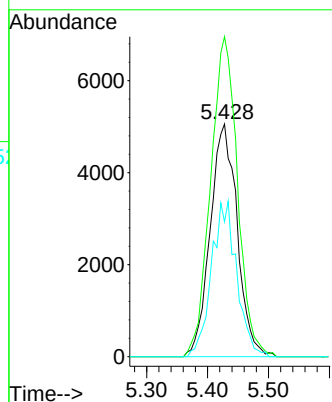


#21
trans-1,2-Dichloroethene
Concen: 4.03 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

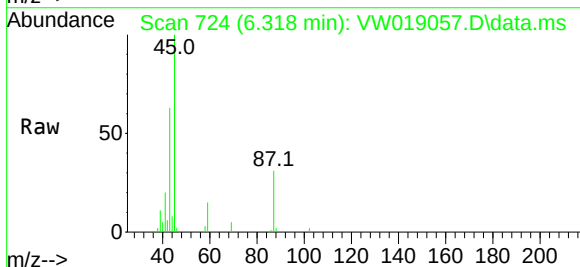
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



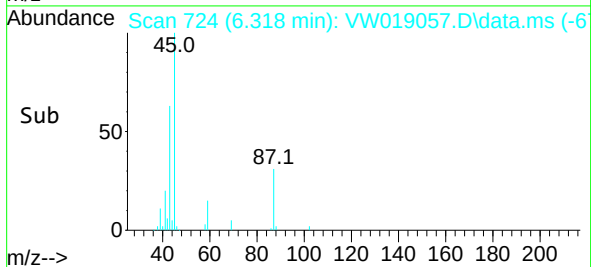
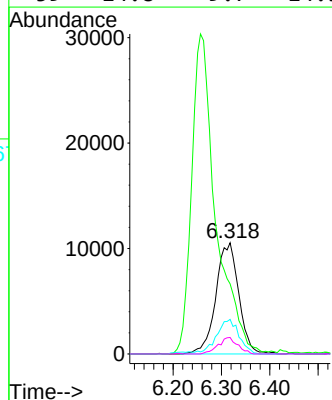
Tgt Ion:	96	Resp:	15574
Ion	Ratio	Lower	Upper
96	100		
61	137.6	108.5	162.7
98	58.0	49.4	74.0

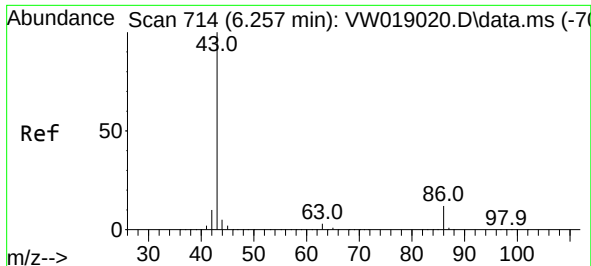


#22
Diisopropyl ether
Concen: 3.87 ug/l
RT: 6.318 min Scan# 724
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion:	45	Resp:	34647
Ion	Ratio	Lower	Upper
45	100		
43	59.1	46.1	69.1
87	31.1	23.4	35.2
59	14.8	9.7	14.5

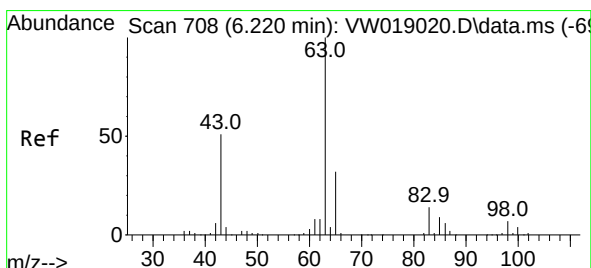
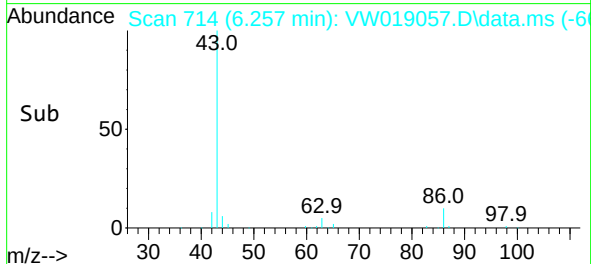
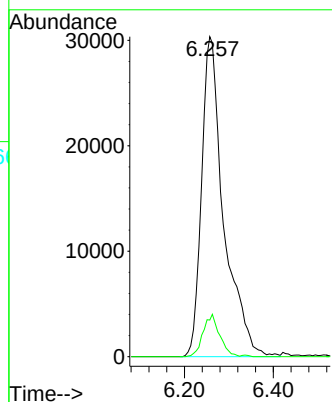
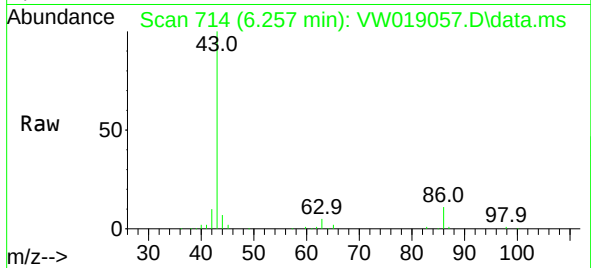




#23
 Vinyl Acetate
 Concen: 17.45 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

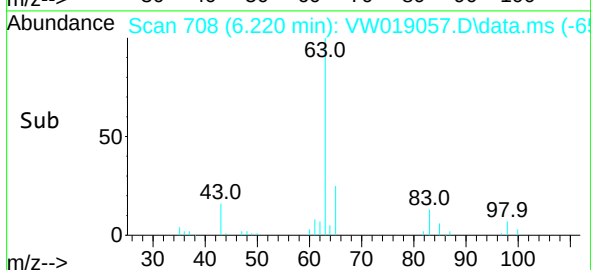
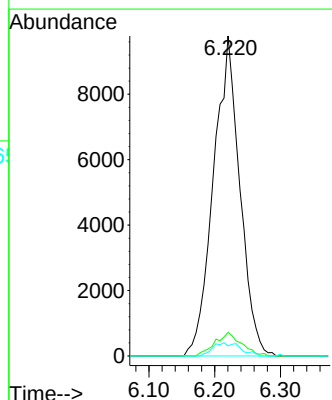
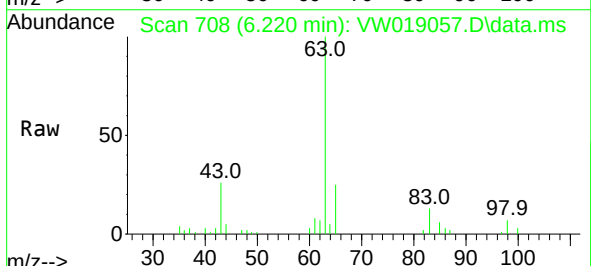
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

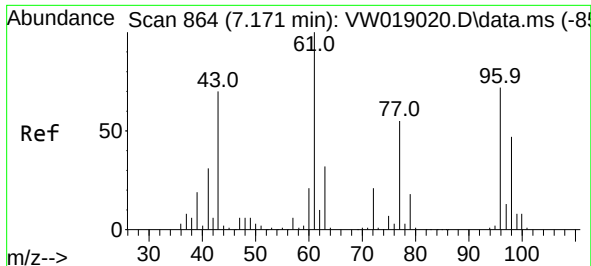
Tgt Ion: 43 Resp: 105194
 Ion Ratio Lower Upper
 43 100
 86 11.4 9.6 14.4



#24
 1,1-Dichloroethane
 Concen: 3.93 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

Tgt Ion: 63 Resp: 27296
 Ion Ratio Lower Upper
 63 100
 98 7.4 3.6 10.9
 100 3.1 2.3 6.8

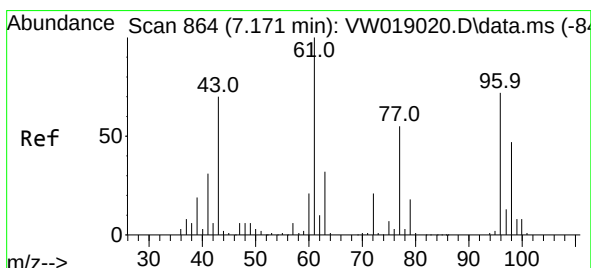
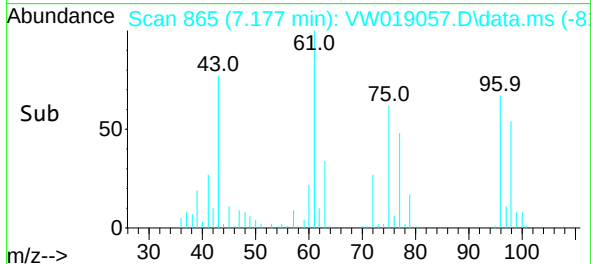
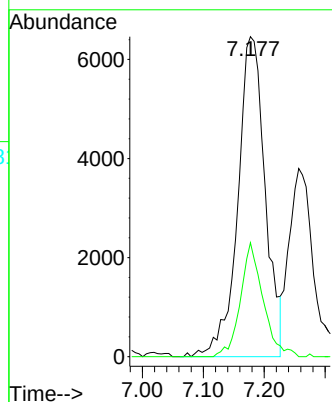
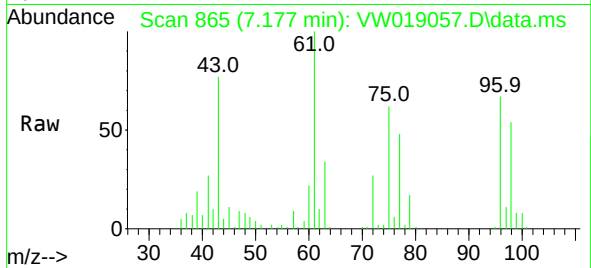




#25
2-Butanone
Concen: 22.60 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

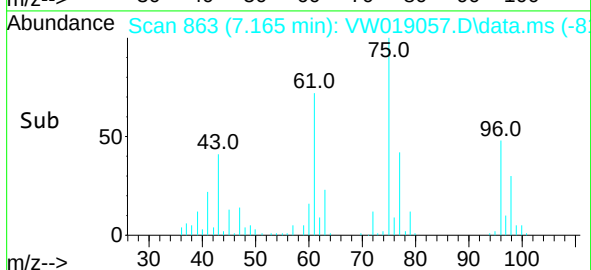
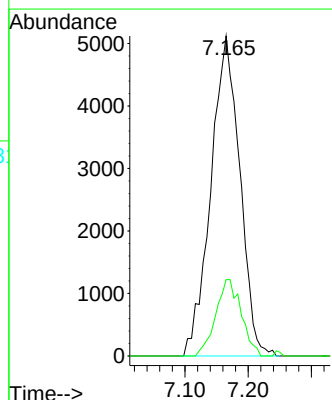
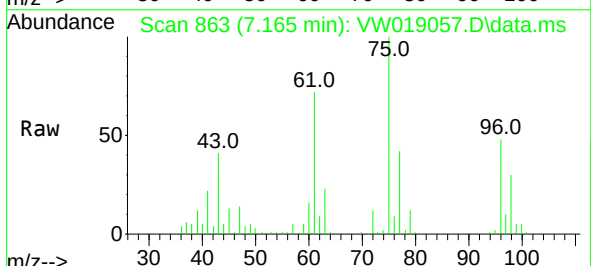
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

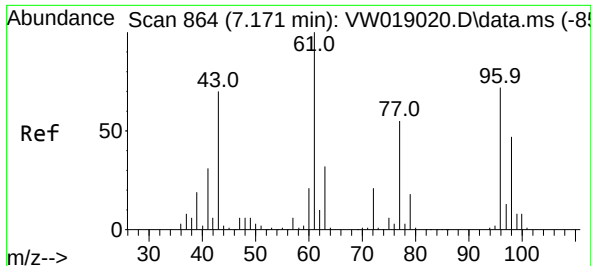
Tgt Ion: 43 Resp: 20232
Ion Ratio Lower Upper
43 100
72 35.6 24.0 36.0



#26
2,2-Dichloropropane
Concen: 4.36 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 77 Resp: 16308
Ion Ratio Lower Upper
77 100
97 20.9 11.8 35.3





#27

cis-1,2-Dichloroethene

Concen: 3.83 ug/l

RT: 7.171 min Scan# 864

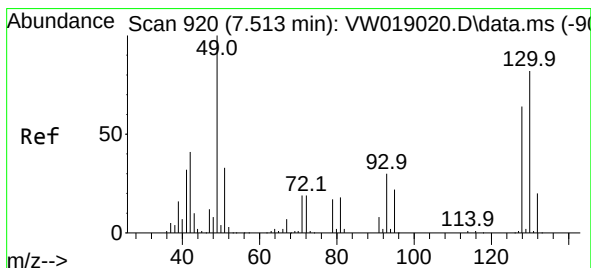
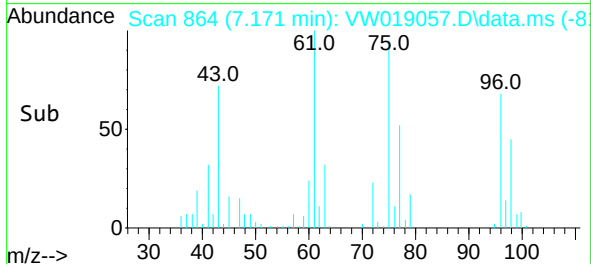
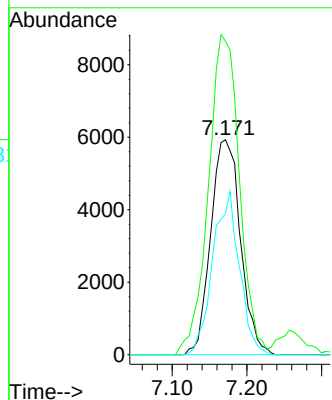
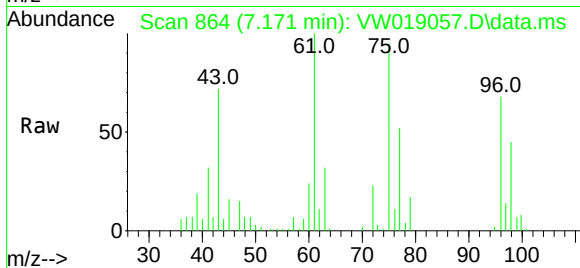
Delta R.T. 0.000 min

Lab File: VW019057.D

Acq: 21 May 2021 18:31

Tgt Ion: 96 Resp: 16422

Ion	Ratio	Lower	Upper
96	100		
61	155.0	0.0	281.2
98	67.8	0.0	127.4



#28

Bromochloromethane

Concen: 4.26 ug/l

RT: 7.513 min Scan# 920

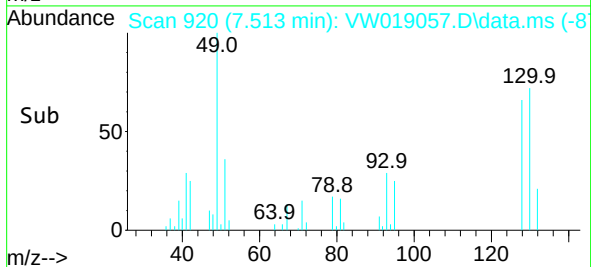
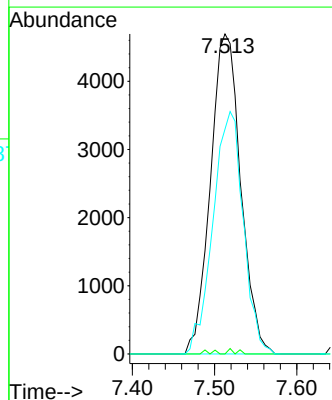
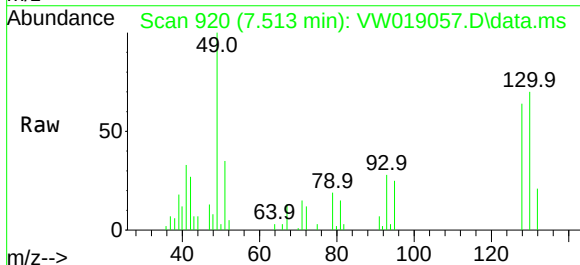
Delta R.T. 0.000 min

Lab File: VW019057.D

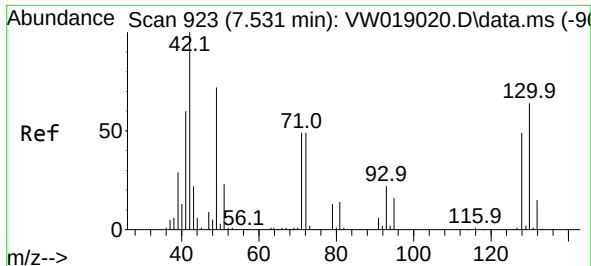
Acq: 21 May 2021 18:31

Tgt Ion: 49 Resp: 12016

Ion	Ratio	Lower	Upper
49	100		
129	0.4	0.0	4.4
130	75.8	63.0	94.4



Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#29

Tetrahydrofuran

Concen: 19.41 ug/l

RT: 7.537 min Scan# 924

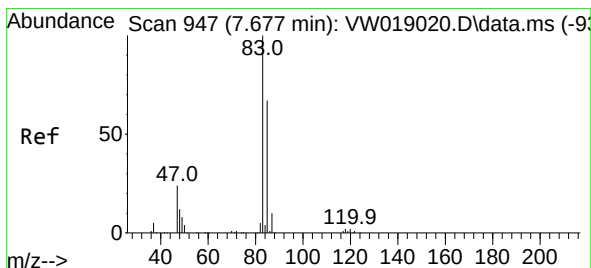
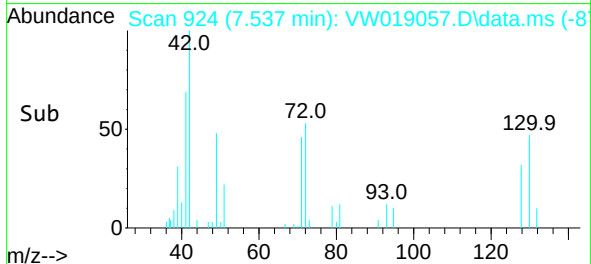
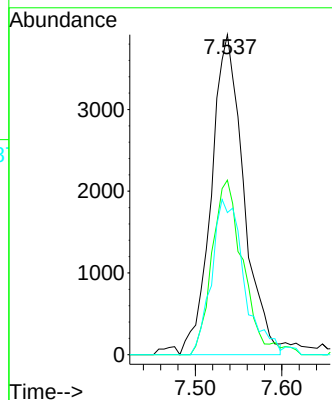
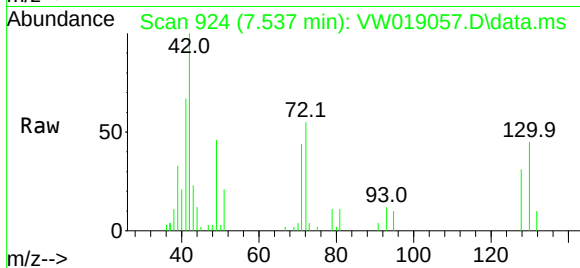
Delta R.T. 0.006 min

Lab File: VW019057.D

Acq: 21 May 2021 18:31

Tgt Ion: 42 Resp: 10163

Ion	Ratio	Lower	Upper
42	100		
72	52.6	40.1	60.1
71	49.4	38.3	57.5



#30

Chloroform

Concen: 4.09 ug/l

RT: 7.677 min Scan# 947

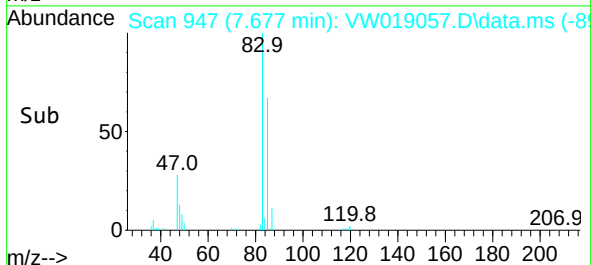
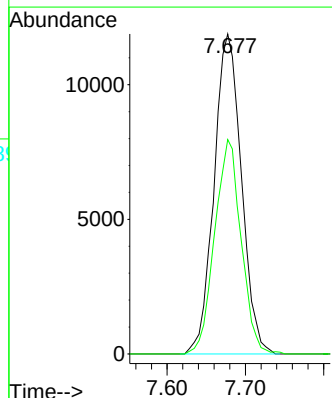
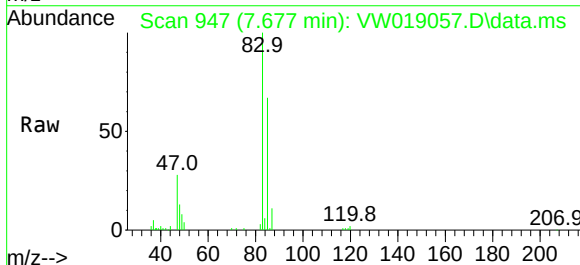
Delta R.T. 0.000 min

Lab File: VW019057.D

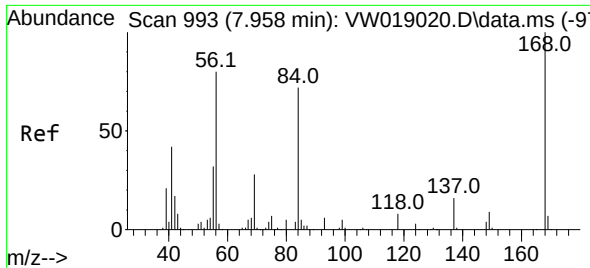
Acq: 21 May 2021 18:31

Tgt Ion: 83 Resp: 28818

Ion	Ratio	Lower	Upper
83	100		
85	67.0	53.4	80.0



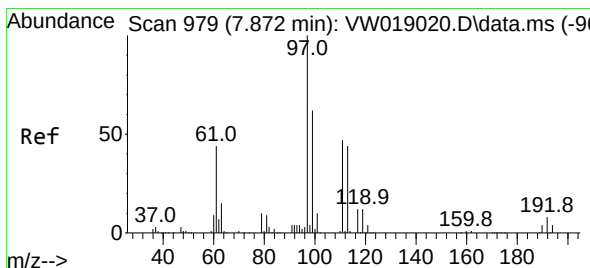
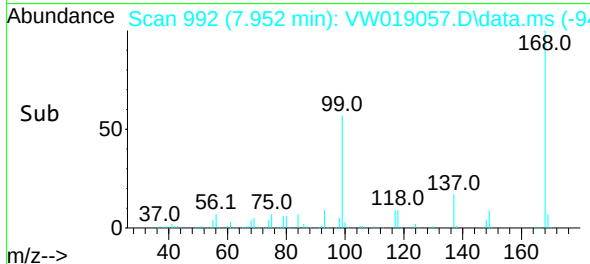
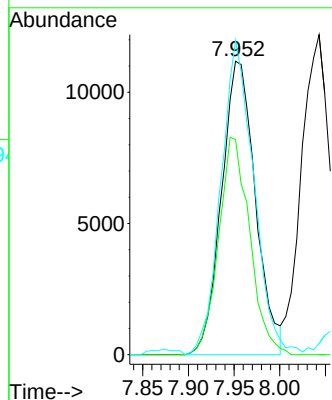
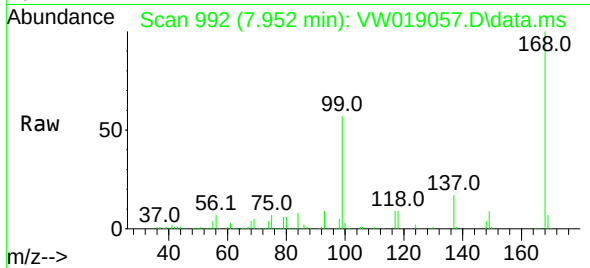
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



#31
Cyclohexane
Concen: 4.97 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

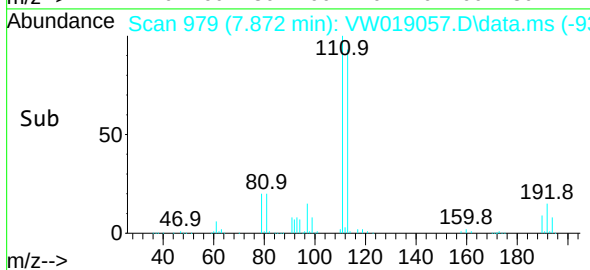
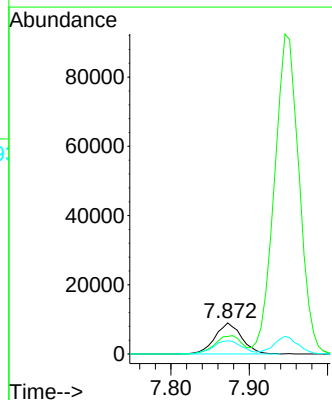
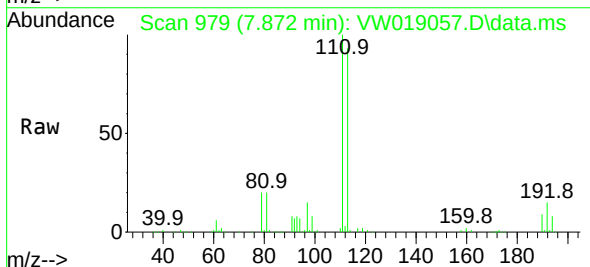
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

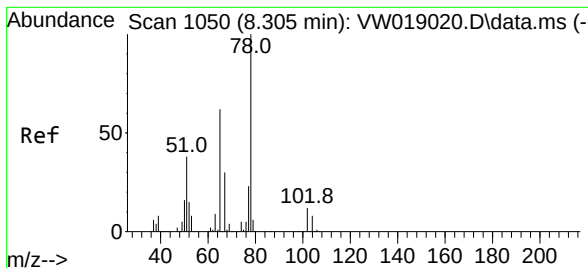
Tgt Ion: 56 Resp: 28853
Ion Ratio Lower Upper
56 100
69 73.4 28.4 42.6#
84 105.8 72.3 108.5



#32
1,1,1-Trichloroethane
Concen: 4.02 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 97 Resp: 21068
Ion Ratio Lower Upper
97 100
99 58.6 52.2 78.4
61 46.5 36.7 55.1

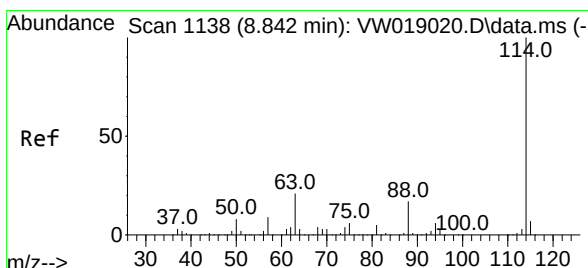
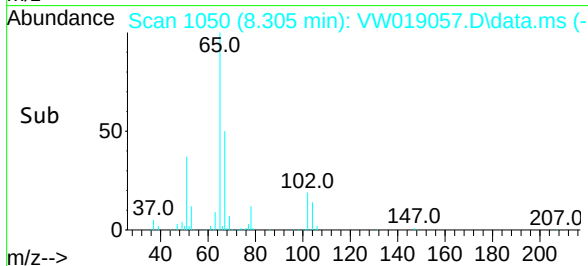
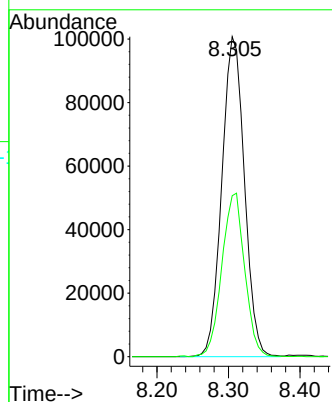
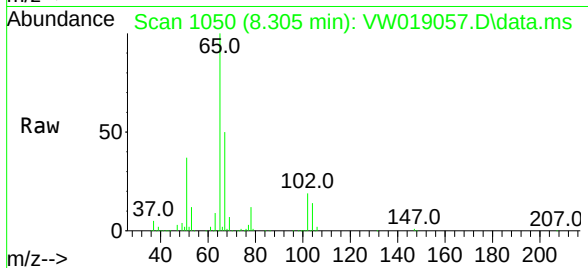




#33
 1,2-Dichloroethane-d4
 Concen: 63.75 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

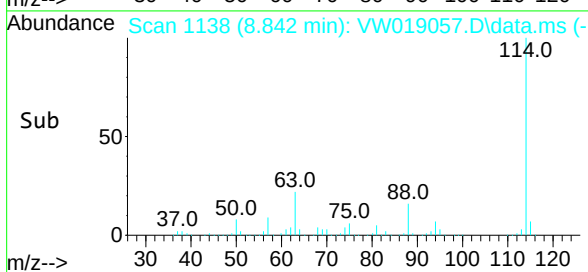
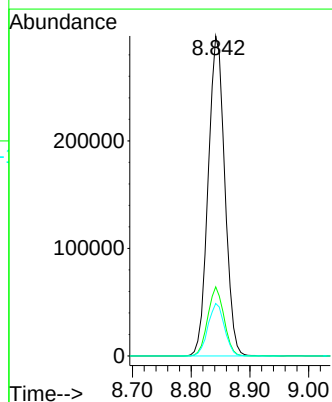
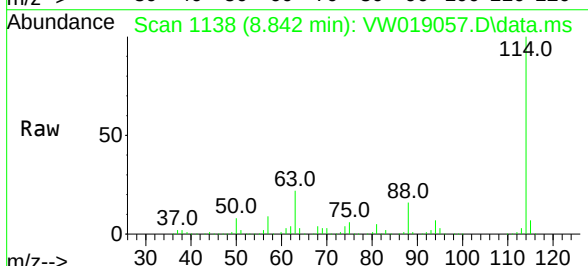
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

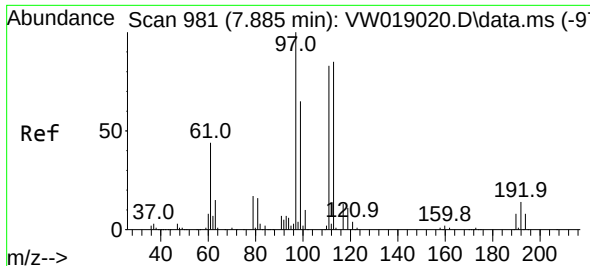
Tgt Ion: 65 Resp: 221040
 Ion Ratio Lower Upper
 65 100
 67 51.6 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

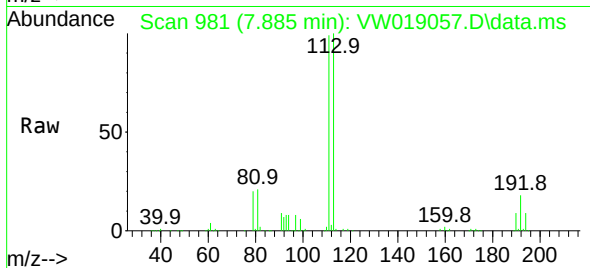
Tgt Ion: 114 Resp: 583704
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 42.4
 88 16.4 0.0 33.2



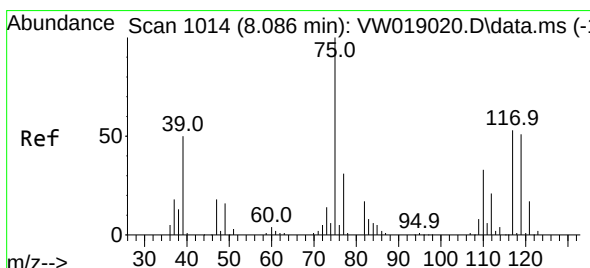
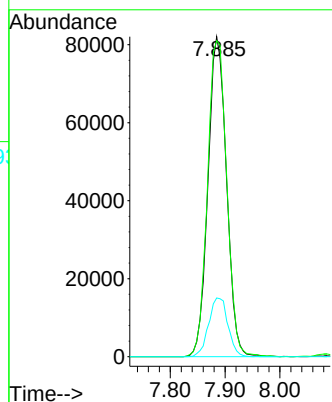
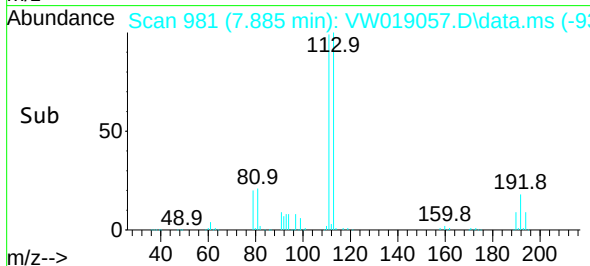


#35
Dibromofluoromethane
Concen: 59.13 ug/l
RT: 7.885 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

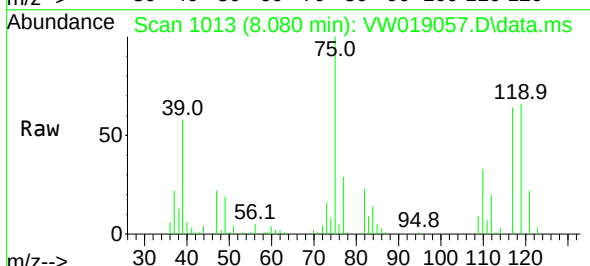
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



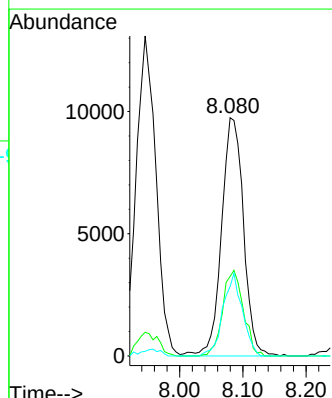
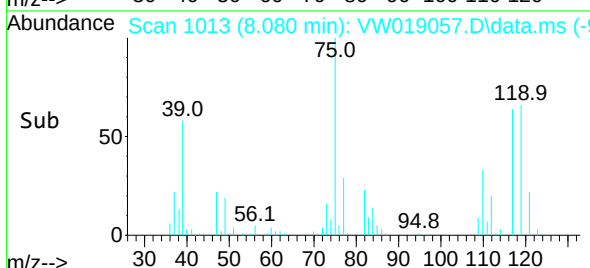
Tgt Ion:113 Resp: 192183
Ion Ratio Lower Upper
113 100
111 102.8 82.3 123.5
192 19.1 15.3 22.9

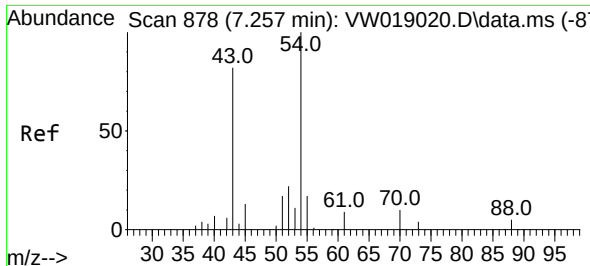


#36
1,1-Dichloropropene
Concen: 4.03 ug/l
RT: 8.080 min Scan# 1013
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion: 75 Resp: 23447
Ion Ratio Lower Upper
75 100
110 33.9 17.1 51.2
77 30.6 25.3 37.9





#37

Ethyl Acetate

Concen: 4.52 ug/l

RT: 7.257 min Scan# 878

Delta R.T. 0.000 min

Lab File: VW019057.D

Acq: 21 May 2021 18:31

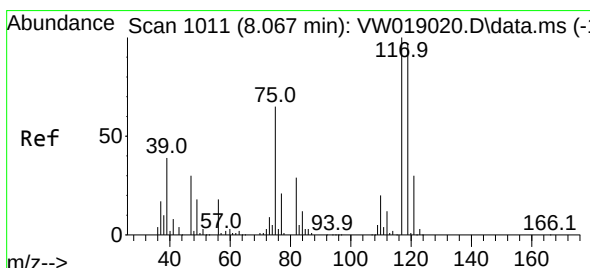
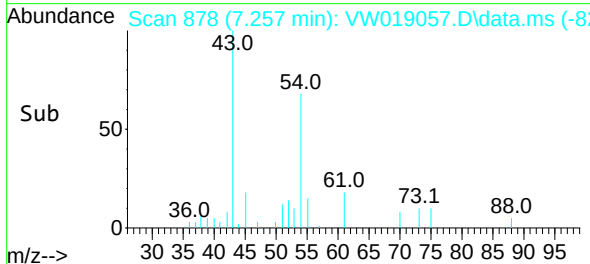
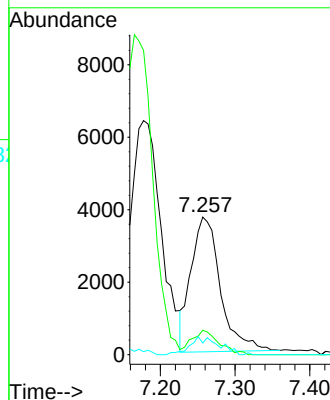
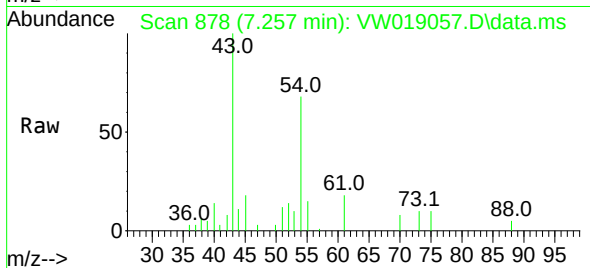
Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2021

Tgt Ion: 43	Resp: 10174
Ion Ratio	Lower Upper
43 100	
61 16.9	12.2 18.4
70 12.9	9.5 14.3



#38

Carbon Tetrachloride

Concen: 3.68 ug/l

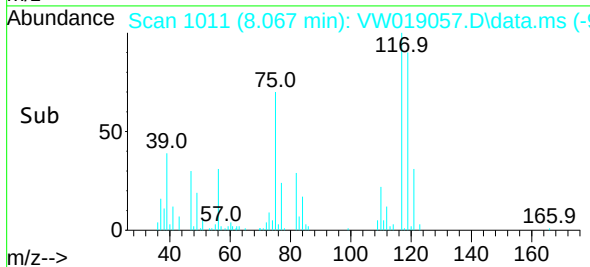
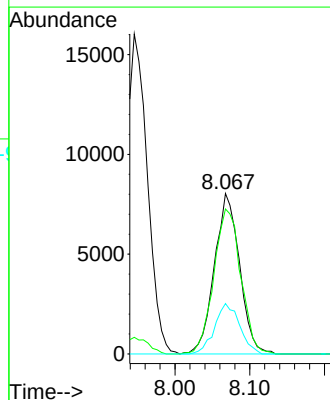
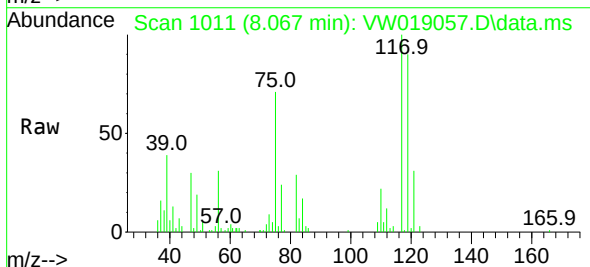
RT: 8.067 min Scan# 1011

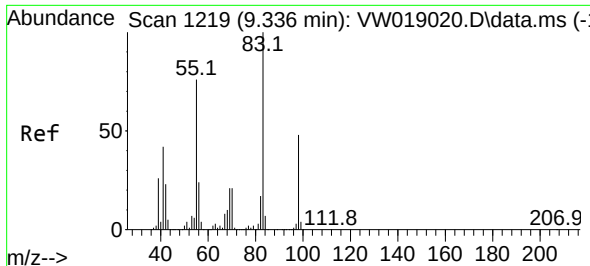
Delta R.T. 0.000 min

Lab File: VW019057.D

Acq: 21 May 2021 18:31

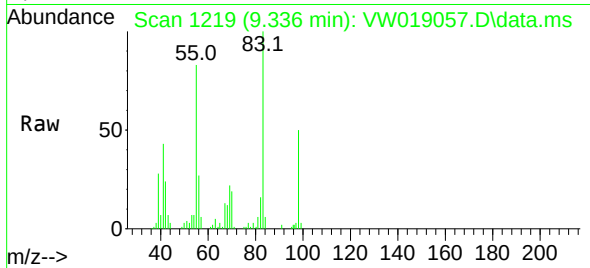
Tgt Ion: 117	Resp: 18875
Ion Ratio	Lower Upper
117 100	
119 90.3	77.4 116.0
121 31.4	23.6 35.4



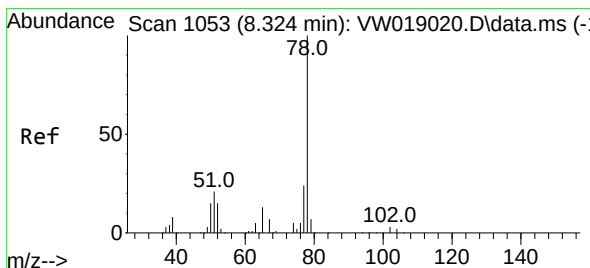
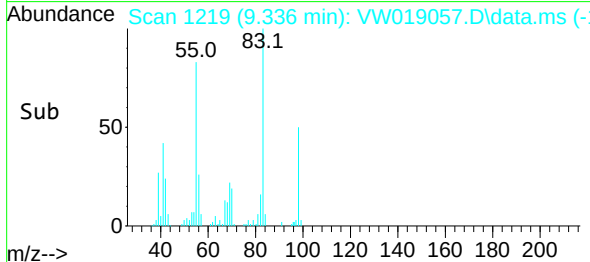
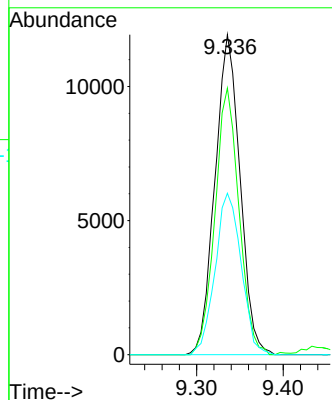


#39
Methylcyclohexane
Concen: 3.73 ug/l
RT: 9.336 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

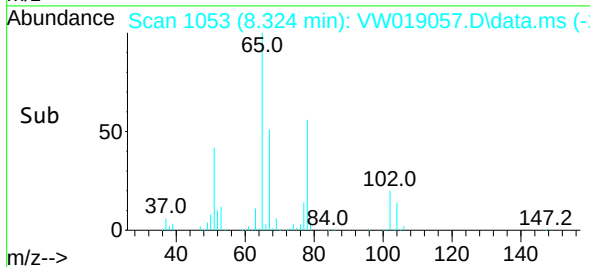
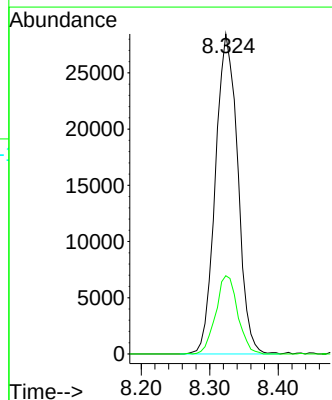
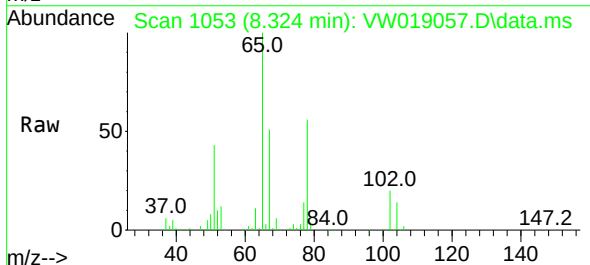


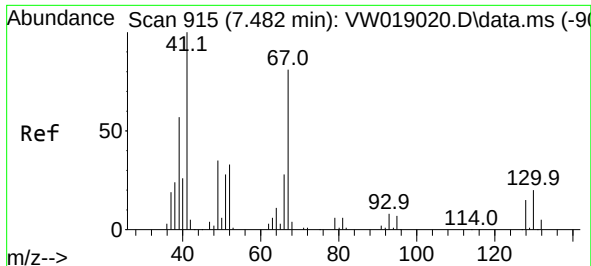
Tgt Ion:	83	Resp:	23958
Ion	Ratio	Lower	Upper
83	100		
55	83.3	60.9	91.3
98	50.4	38.4	57.6



#40
Benzene
Concen: 3.96 ug/l
RT: 8.324 min Scan# 1053
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:	78	Resp:	64268
Ion	Ratio	Lower	Upper
78	100		
77	24.4	19.6	29.4

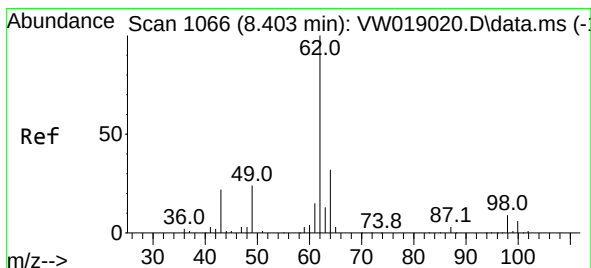
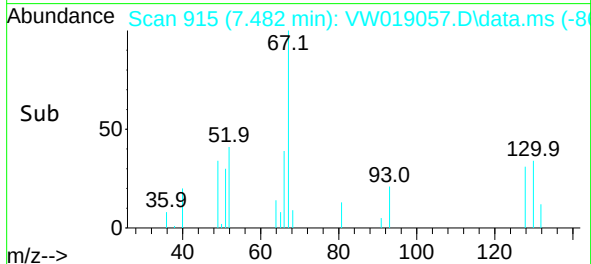
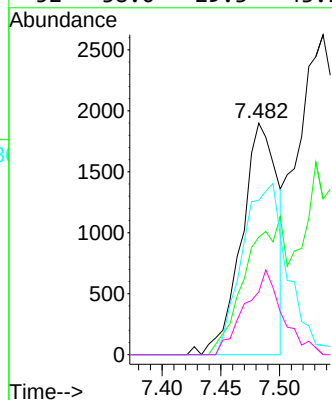
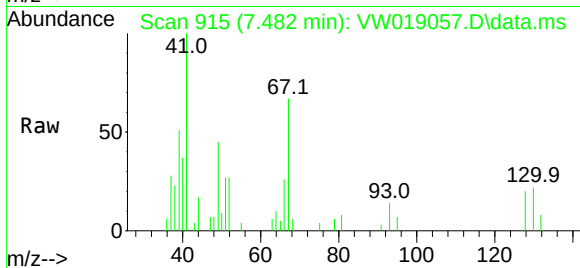




#41
Methacrylonitrile
Concen: 3.29 ug/l
RT: 7.482 min Scan# 915
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

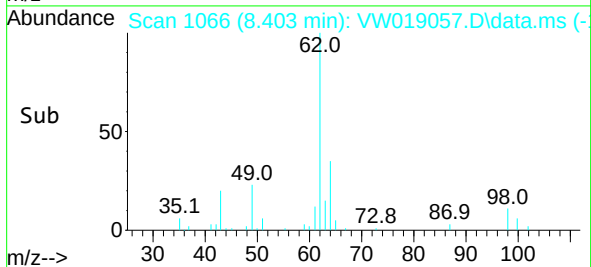
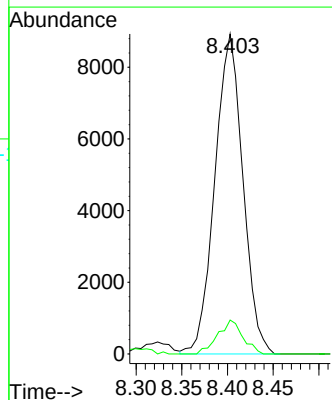
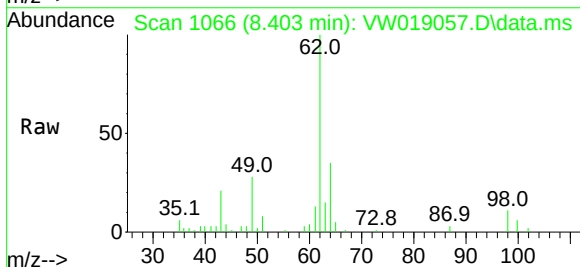
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

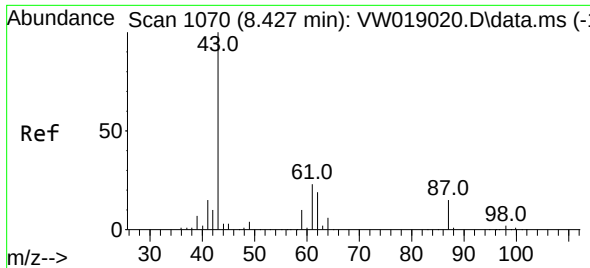
Tgt Ion:	41	Resp:	4036
Ion	Ratio	Lower	Upper
41	100		
39	65.8	50.1	75.1
67	93.2	69.0	103.4
52	38.0	29.3	43.9



#42
1,2-Dichloroethane
Concen: 3.95 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:	62	Resp:	19045
Ion	Ratio	Lower	Upper
62	100		
98	9.4	0.0	18.0

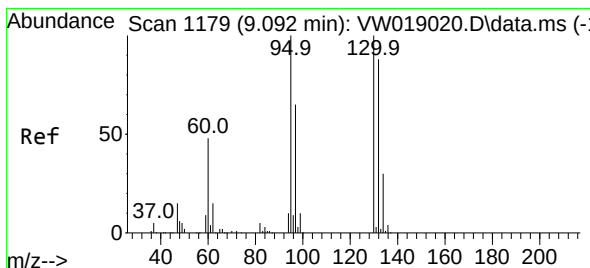
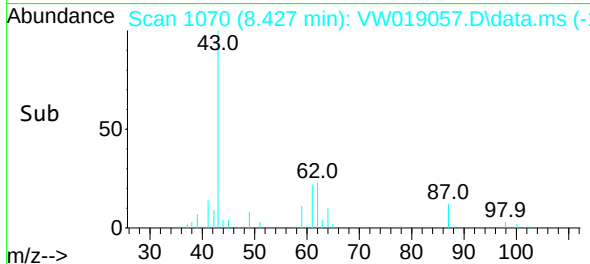
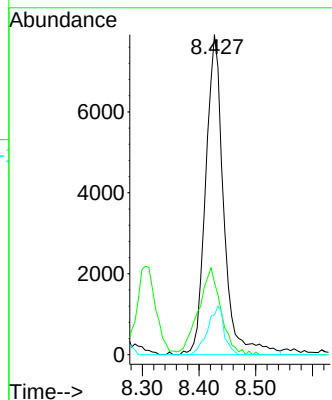
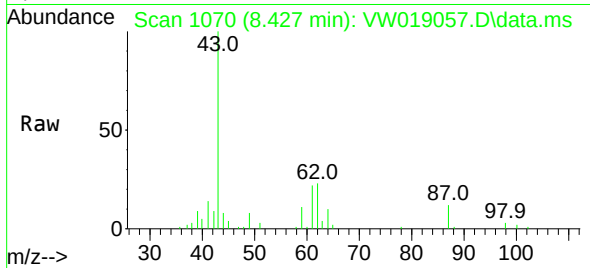




#43
Isopropyl Acetate
Concen: 4.15 ug/l
RT: 8.427 min Scan# 1070
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

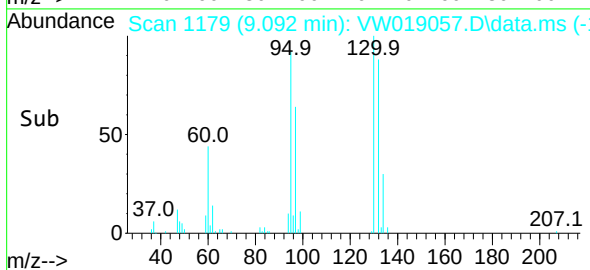
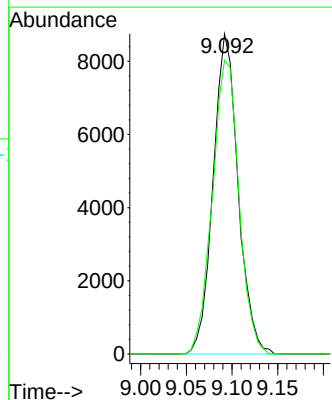
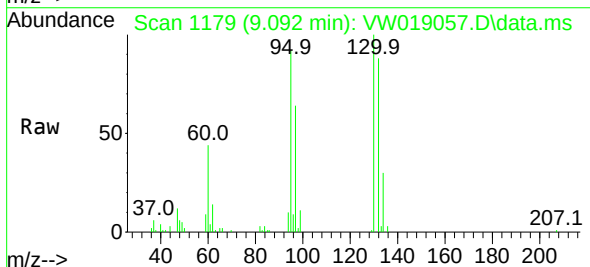
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

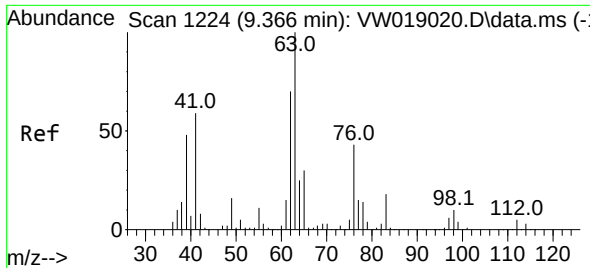
Tgt Ion:	43	Resp:	17411
Ion	Ratio	Lower	Upper
43	100		
61	34.0	27.0	40.6
87	13.8	11.6	17.4



#44
Trichloroethene
Concen: 3.96 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:	130	Resp:	16595
Ion	Ratio	Lower	Upper
130	100		
95	91.8	0.0	199.0

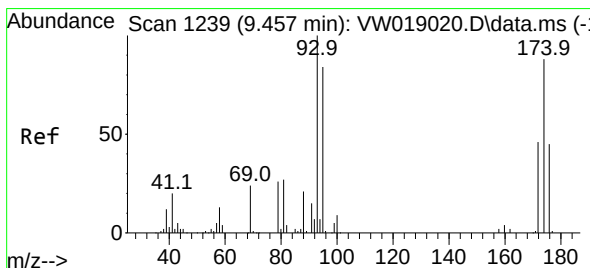
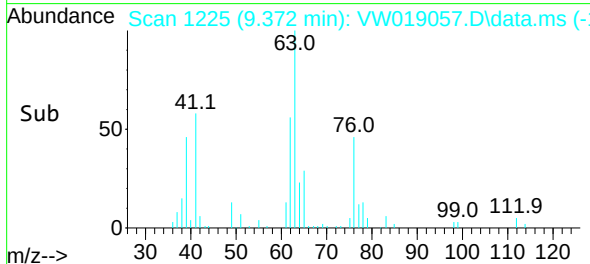
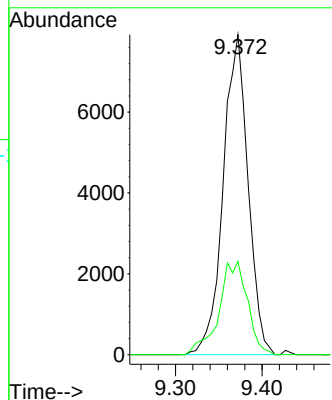
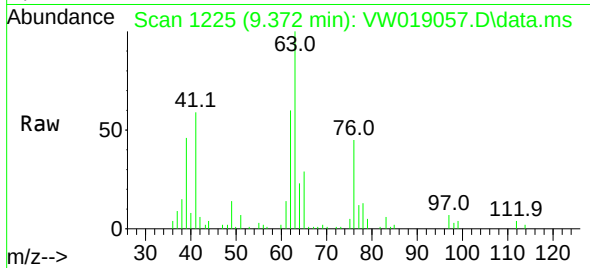




#45
1,2-Dichloropropane
Concen: 4.01 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

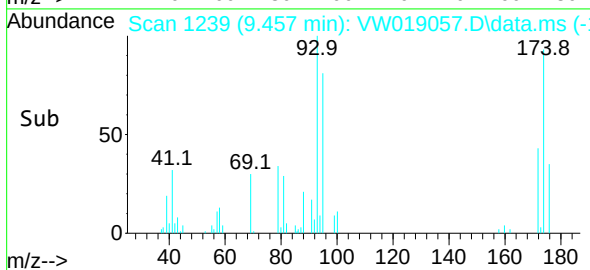
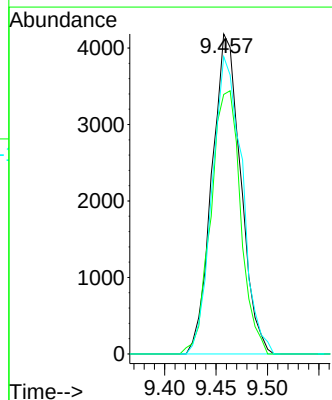
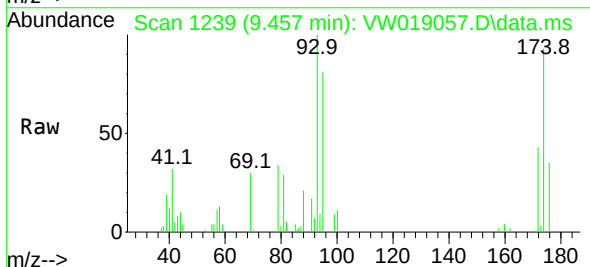
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

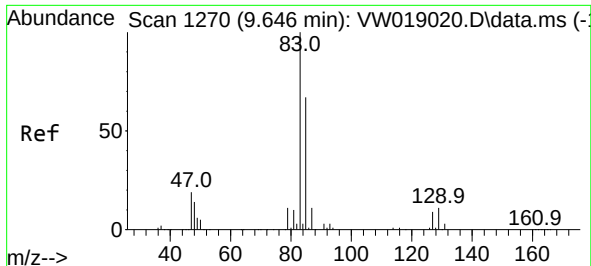
Tgt Ion: 63 Resp: 15766
Ion Ratio Lower Upper
63 100
65 29.1 24.1 36.1



#46
Dibromomethane
Concen: 3.81 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

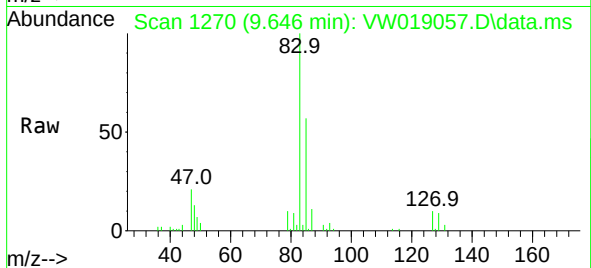
Tgt Ion: 93 Resp: 8129
Ion Ratio Lower Upper
93 100
95 85.1 66.7 100.1
174 96.7 75.3 112.9



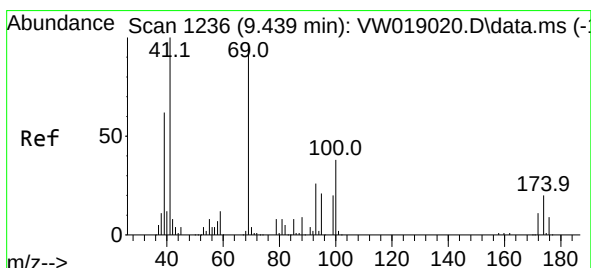
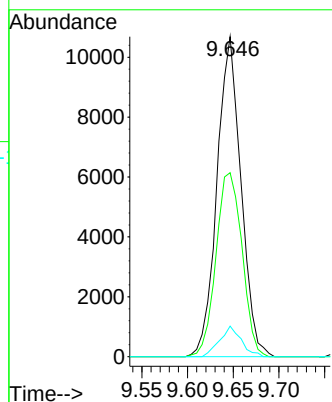
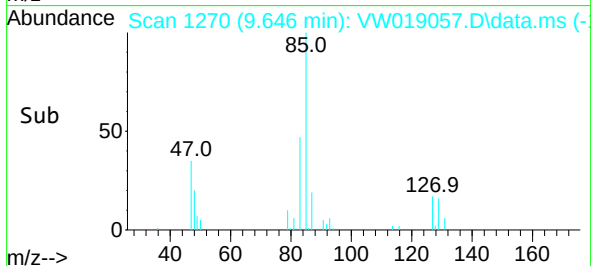


#47
Bromodichloromethane
Concen: 3.68 ug/l
RT: 9.646 min Scan# 1270
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

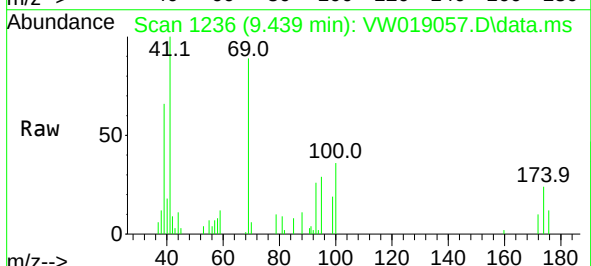
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



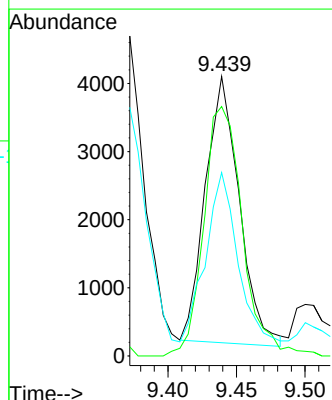
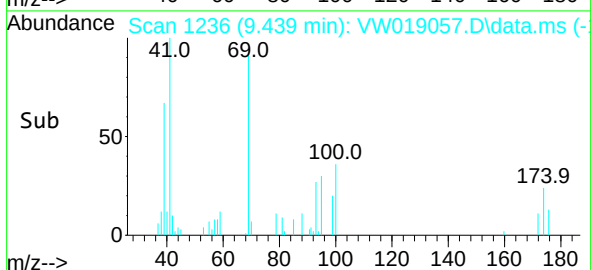
Tgt Ion: 83 Resp: 19528
Ion Ratio Lower Upper
83 100
85 57.5 53.4 80.2
127 9.6 7.0 10.6

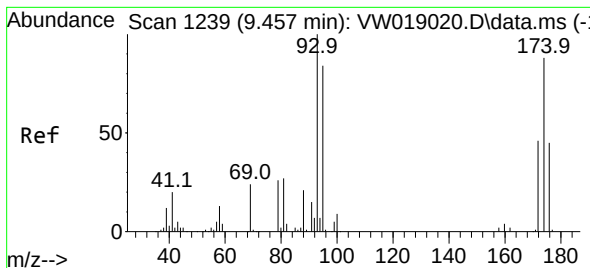


#48
Methyl methacrylate
Concen: 3.49 ug/l
RT: 9.439 min Scan# 1236
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion: 41 Resp: 6728
Ion Ratio Lower Upper
41 100
69 107.1 80.2 120.2
39 60.9 51.5 77.3

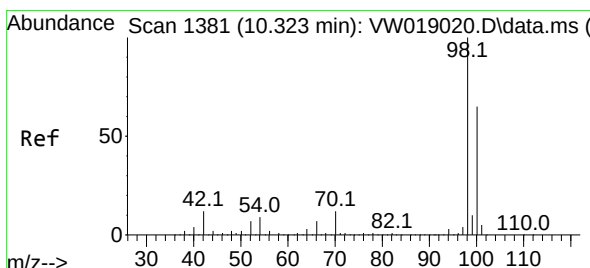
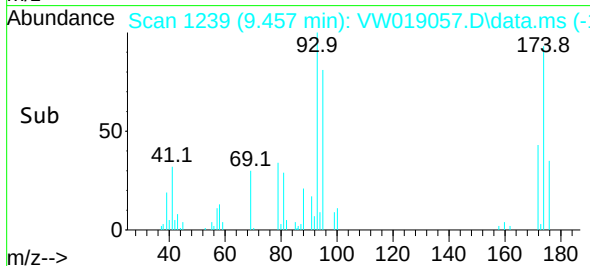
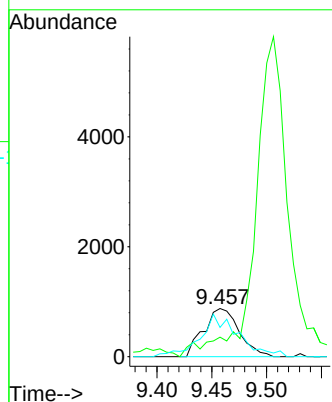
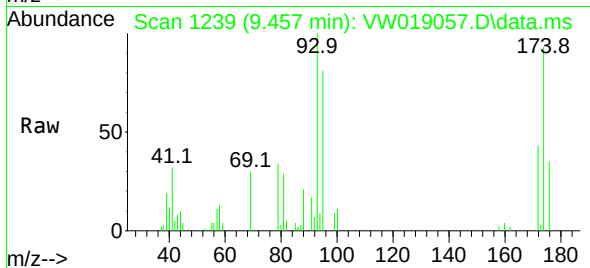




#49
1,4-Dioxane
Concen: 80.86 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

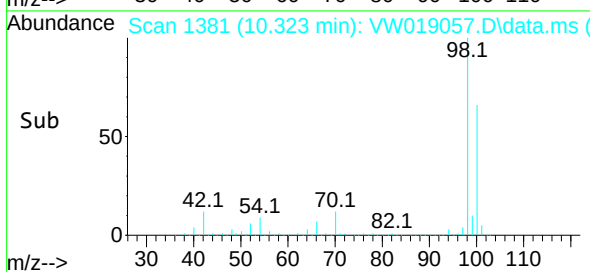
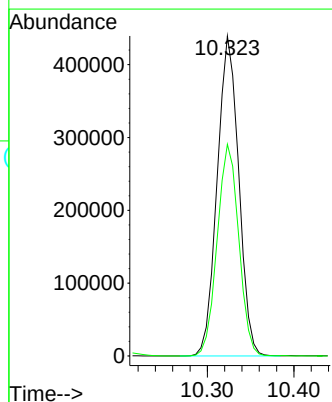
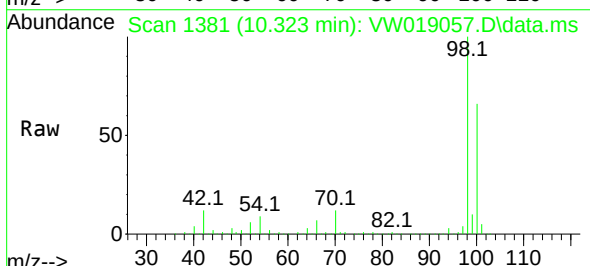
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

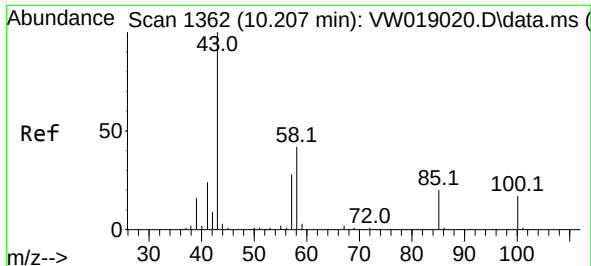
Tgt Ion: 88 Resp: 1967
Ion Ratio Lower Upper
88 100
43 0.0 22.1 33.1#
58 94.8 55.4 83.2#



#50
Toluene-d8
Concen: 59.34 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 98 Resp: 759114
Ion Ratio Lower Upper
98 100
100 66.1 52.0 78.0

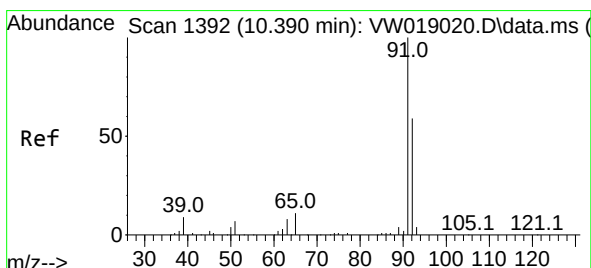
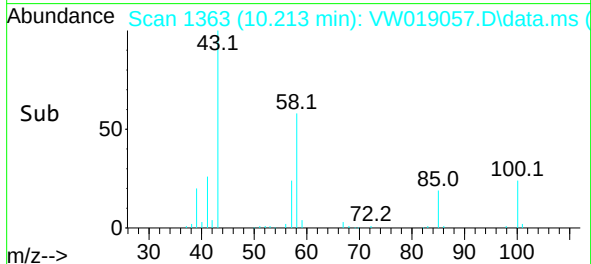
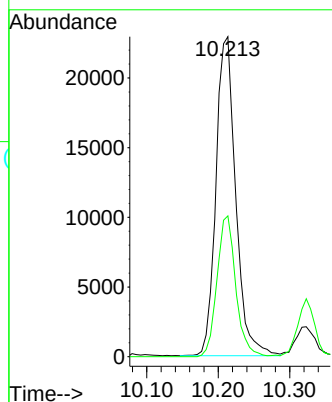
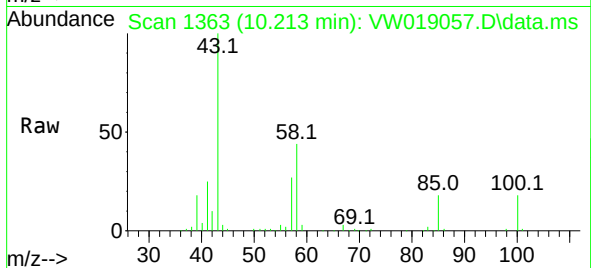




#51
4-Methyl-2-Pentanone
Concen: 20.22 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

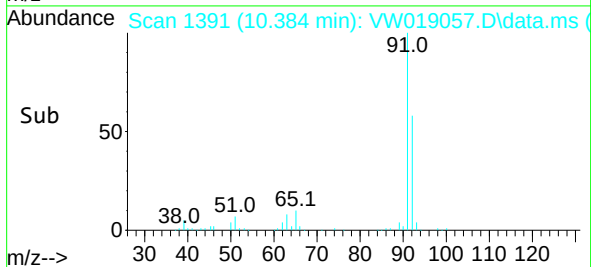
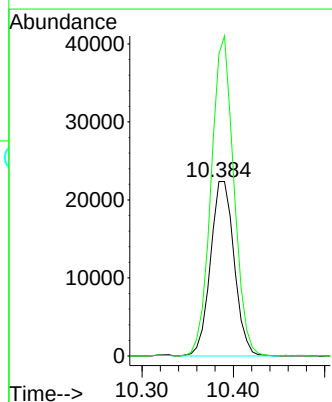
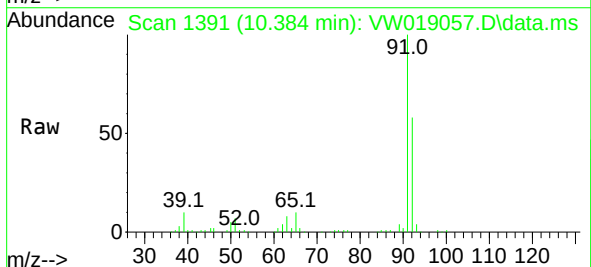
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

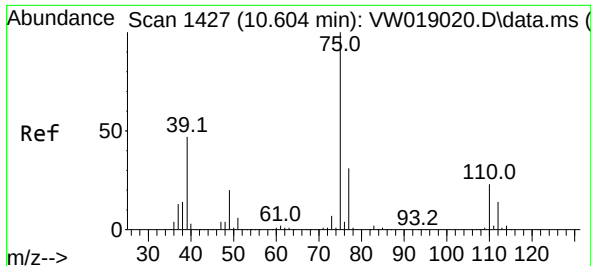
Tgt Ion: 43 Resp: 43927
Ion Ratio Lower Upper
43 100
58 42.0 34.2 51.4



#52
Toluene
Concen: 3.92 ug/l
RT: 10.384 min Scan# 1391
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 92 Resp: 40354
Ion Ratio Lower Upper
92 100
91 175.8 137.4 206.0

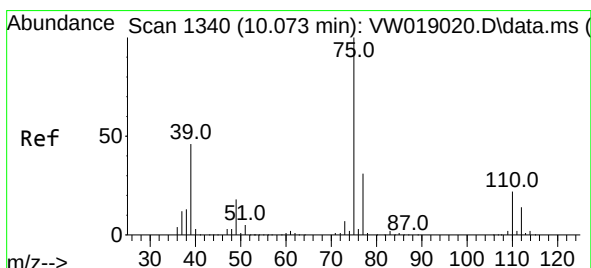
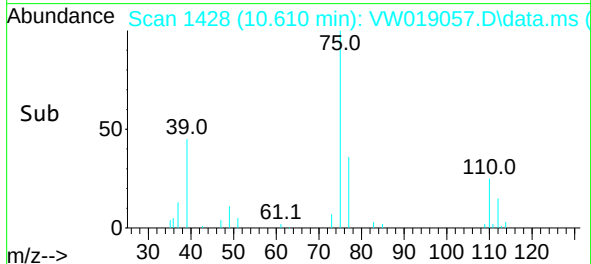
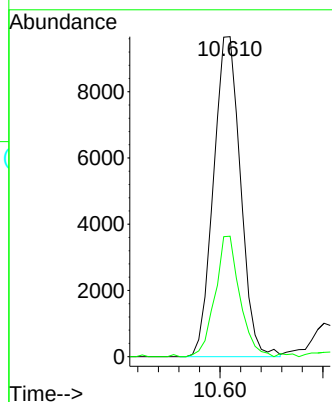
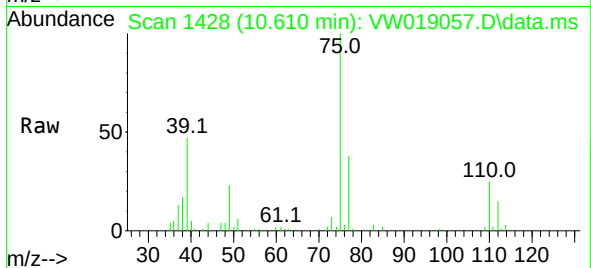




#53
 t-1,3-Dichloropropene
 Concen: 3.37 ug/l
 RT: 10.610 min Scan# 1428
 Delta R.T. 0.006 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

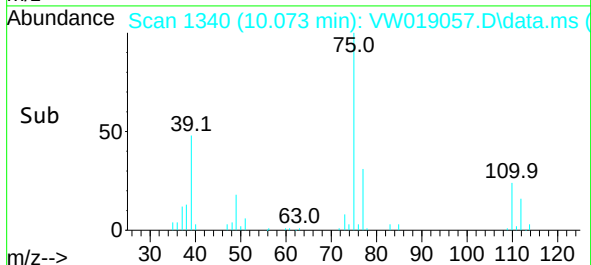
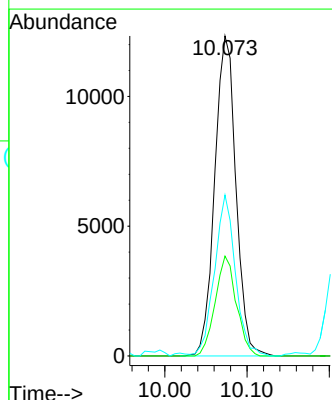
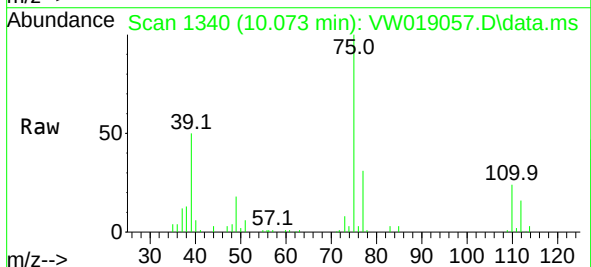
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

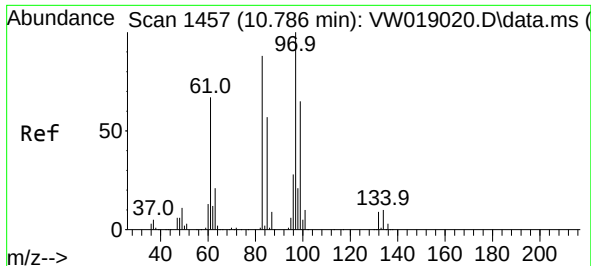
Tgt Ion: 75 Resp: 17600
 Ion Ratio Lower Upper
 75 100
 77 37.6 24.8 37.2#



#54
 cis-1,3-Dichloropropene
 Concen: 3.55 ug/l
 RT: 10.073 min Scan# 1340
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

Tgt Ion: 75 Resp: 22087
 Ion Ratio Lower Upper
 75 100
 77 31.2 25.0 37.6
 39 50.3 36.9 55.3

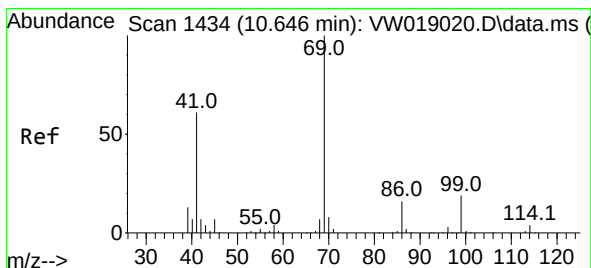
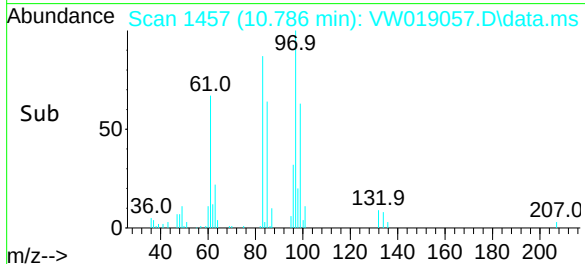
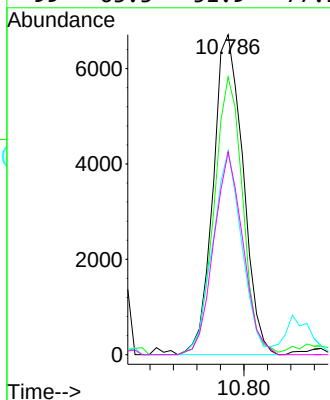
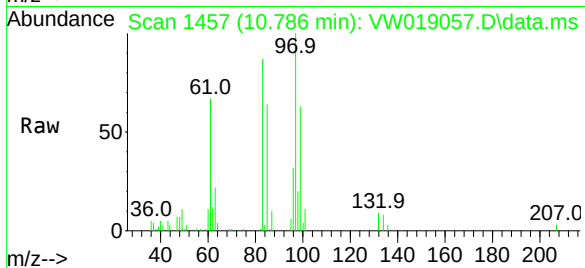




#55
1,1,2-Trichloroethane
Concen: 4.02 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

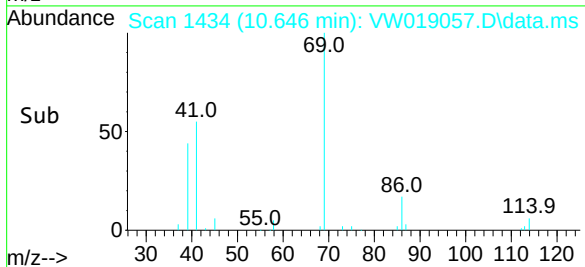
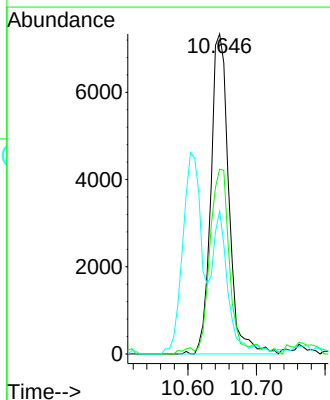
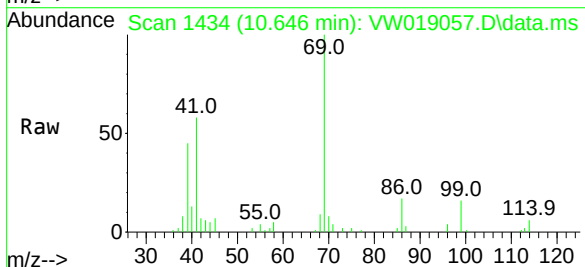
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

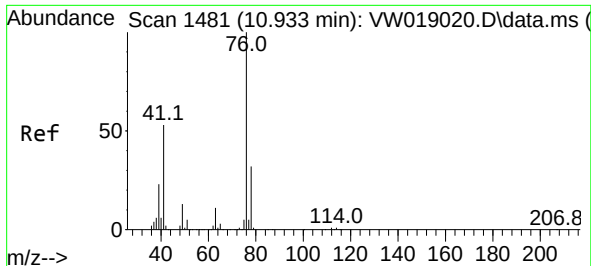
Tgt Ion:	97	Resp:	11862
Ion	Ratio	Lower	Upper
97	100		
83	86.8	70.6	106.0
85	63.7	45.8	68.6
99	63.3	51.9	77.9



#56
Ethyl methacrylate
Concen: 3.60 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:	69	Resp:	13346
Ion	Ratio	Lower	Upper
69	100		
41	62.9	48.7	73.1
39	39.3	29.0	43.4

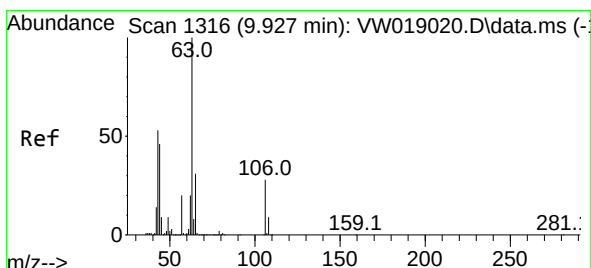
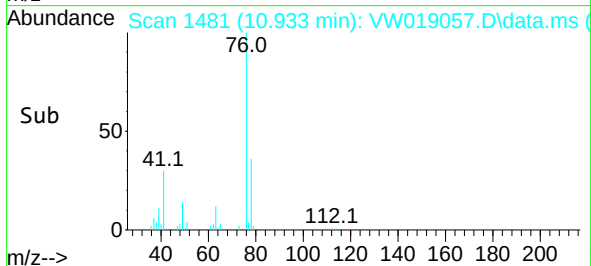
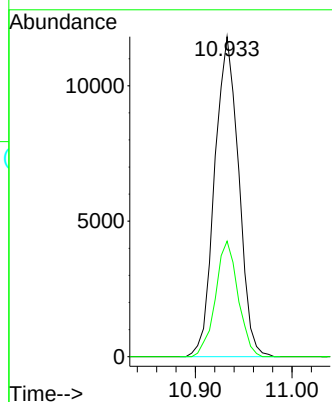
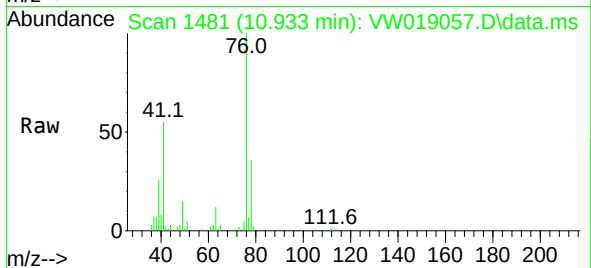




#57
1,3-Dichloropropane
Concen: 3.85 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

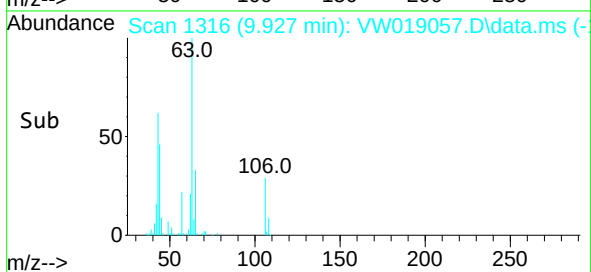
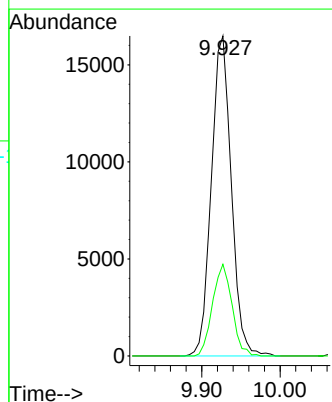
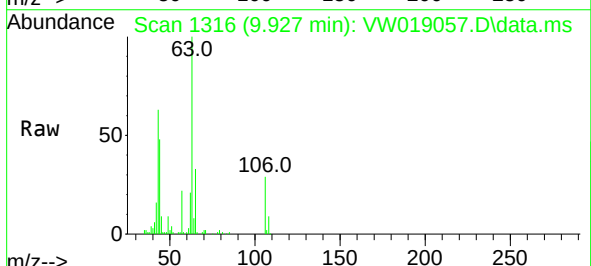
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

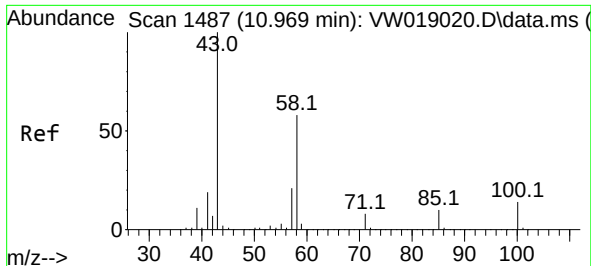
Tgt Ion: 76 Resp: 20336
Ion Ratio Lower Upper
76 100
78 34.0 25.5 38.3



#58
2-Chloroethyl Vinyl ether
Concen: 15.24 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 63 Resp: 29195
Ion Ratio Lower Upper
63 100
106 27.9 22.3 33.5

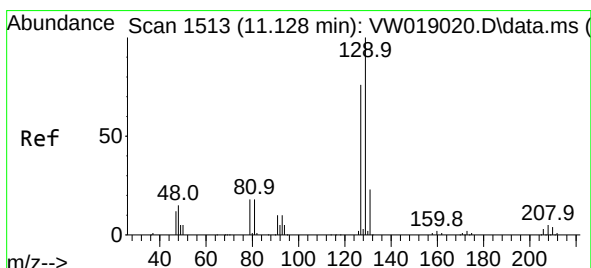
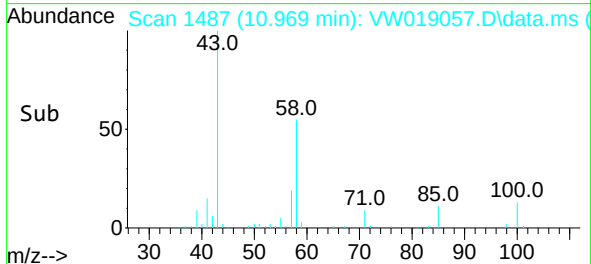
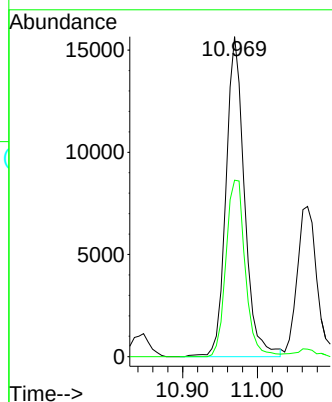
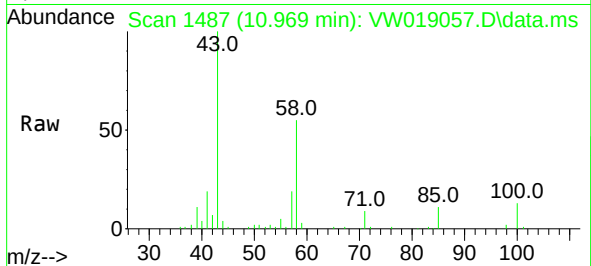




#59
2-Hexanone
Concen: 18.66 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

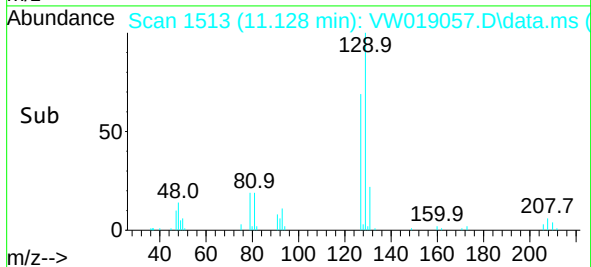
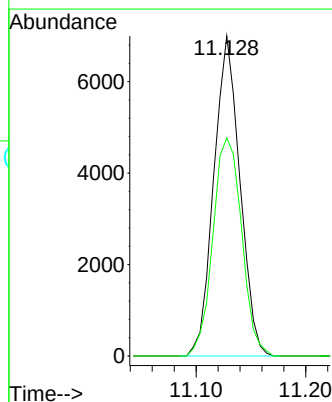
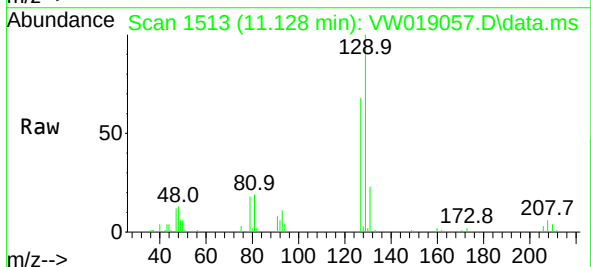
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

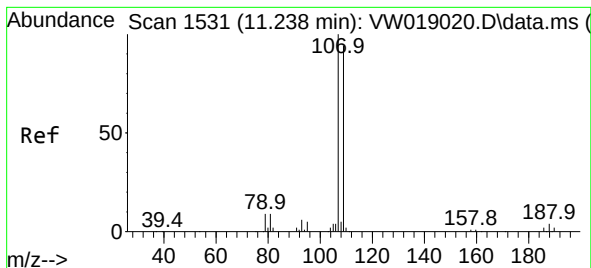
Tgt Ion: 43 Resp: 26955
Ion Ratio Lower Upper
43 100
58 57.5 29.0 87.1



#60
Dibromochloromethane
Concen: 3.51 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

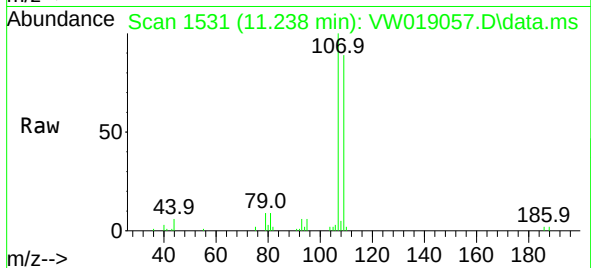
Tgt Ion:129 Resp: 11570
Ion Ratio Lower Upper
129 100
127 75.1 38.2 114.6



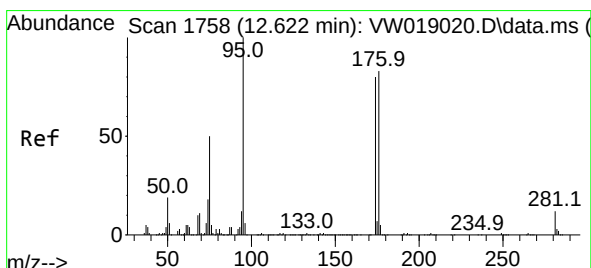
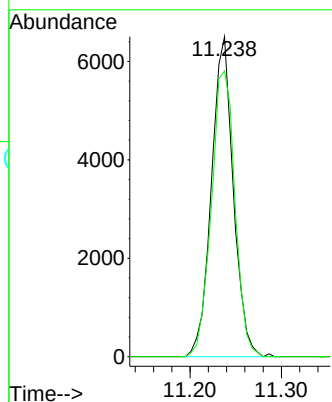
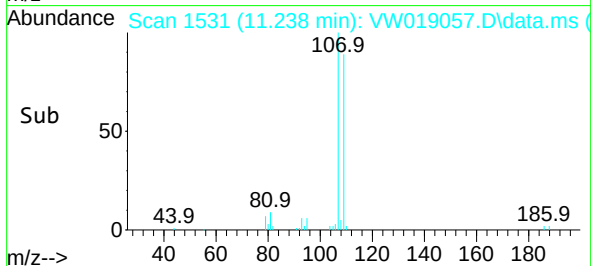


#61
1,2-Dibromoethane
Concen: 3.82 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

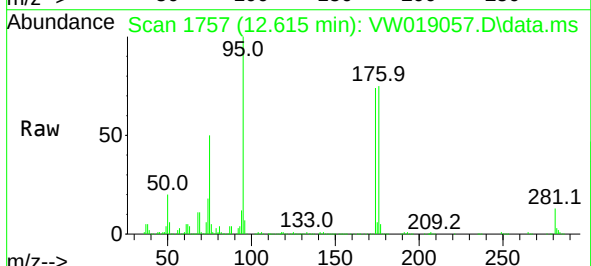
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



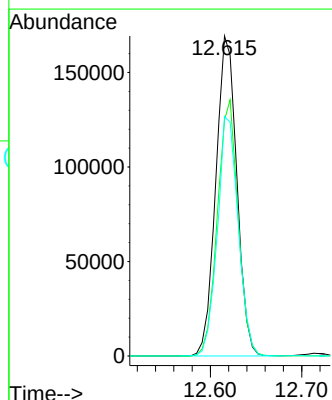
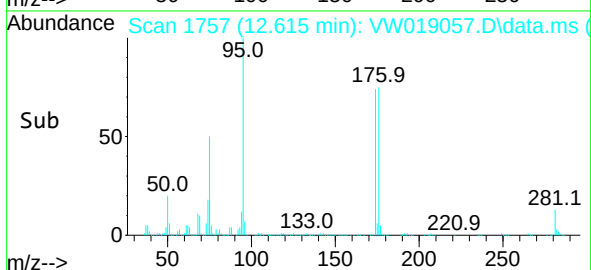
Tgt Ion:107 Resp: 10825
Ion Ratio Lower Upper
107 100
109 96.1 73.9 110.9

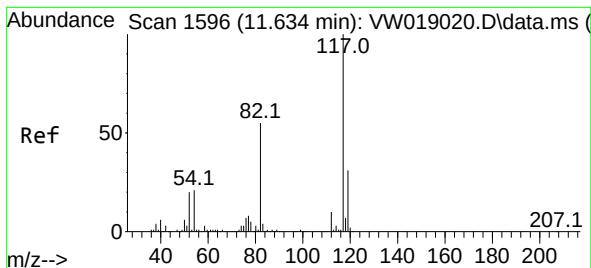


#62
4-Bromofluorobenzene
Concen: 58.59 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.007 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



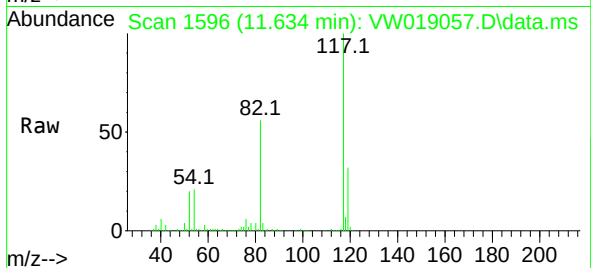
Tgt Ion: 95 Resp: 270185
Ion Ratio Lower Upper
95 100
174 78.5 0.0 156.2
176 74.3 0.0 160.8



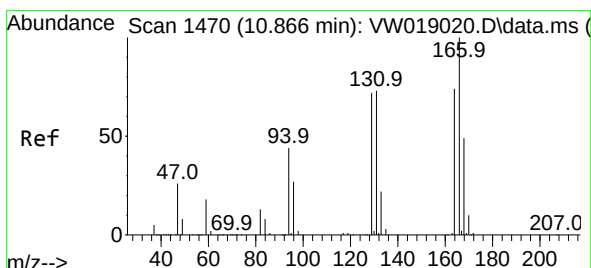
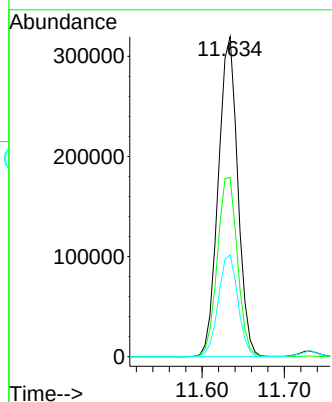
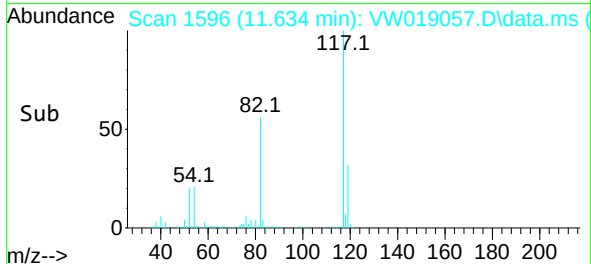


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

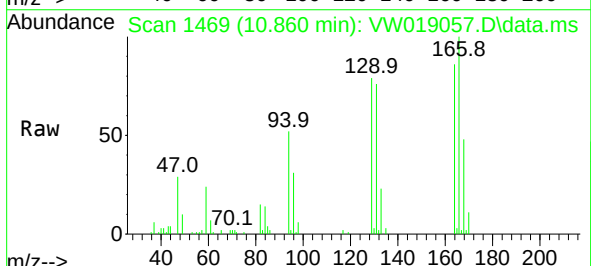
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



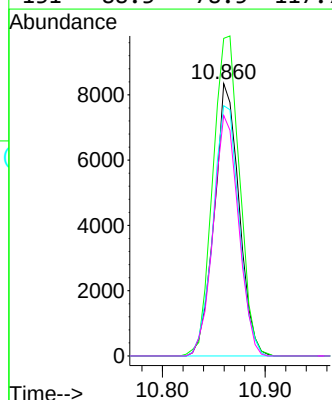
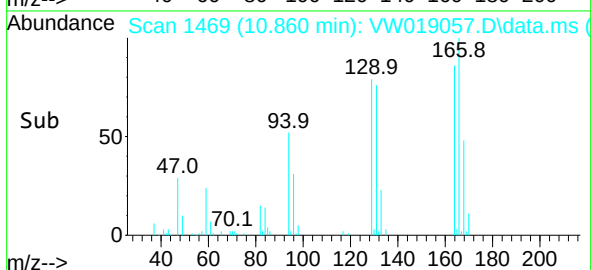
Tgt Ion:117 Resp: 525547
Ion Ratio Lower Upper
117 100
82 56.0 44.4 66.6
119 31.9 24.6 36.8

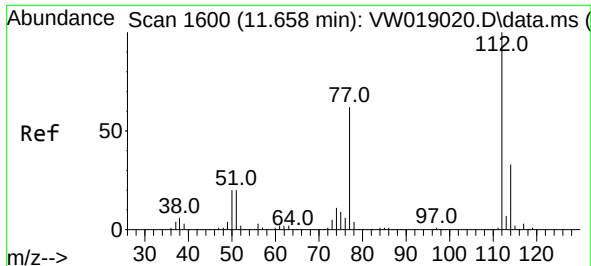


#64
Tetrachloroethene
Concen: 4.09 ug/l
RT: 10.860 min Scan# 1469
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion:164 Resp: 13972
Ion Ratio Lower Upper
164 100
166 116.6 107.8 161.8
129 91.9 77.3 115.9
131 88.3 78.5 117.7

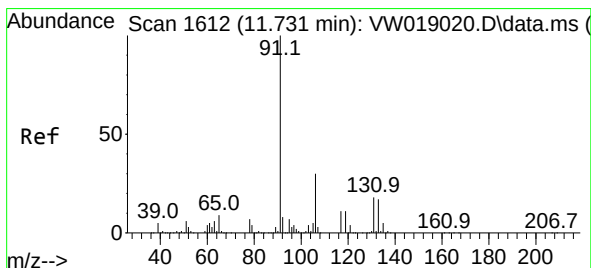
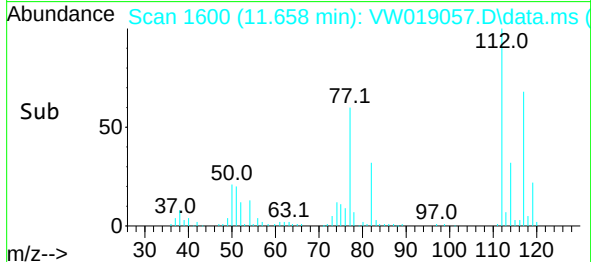
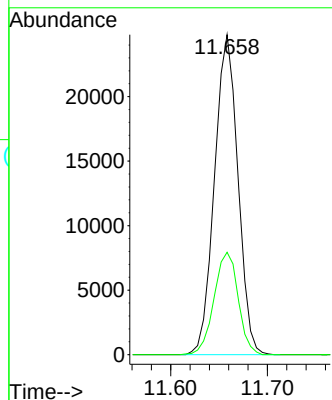
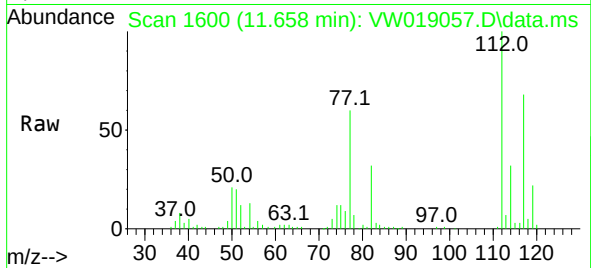




#65
Chlorobenzene
Concen: 3.89 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

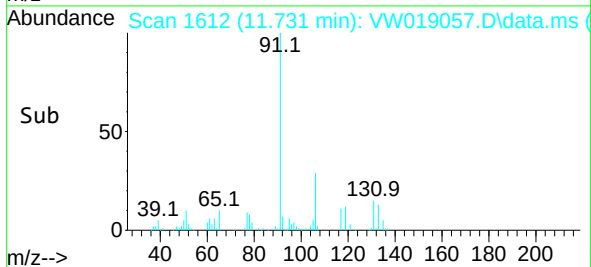
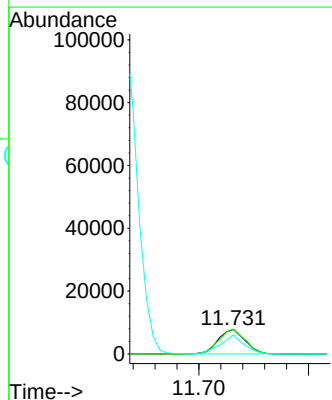
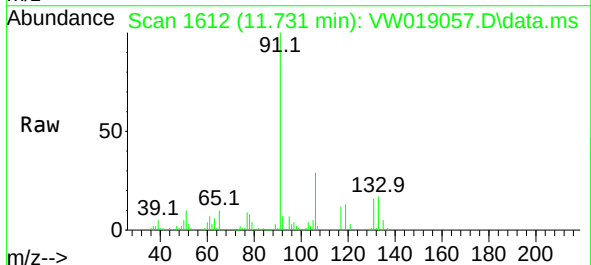
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

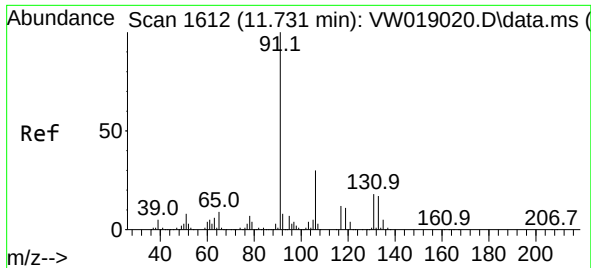
Tgt Ion:112 Resp: 41639
Ion Ratio Lower Upper
112 100
114 32.0 26.4 39.6



#66
1,1,1,2-Tetrachloroethane
Concen: 3.62 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:131 Resp: 13220
Ion Ratio Lower Upper
131 100
133 99.7 48.1 144.3
119 67.9 33.1 99.2

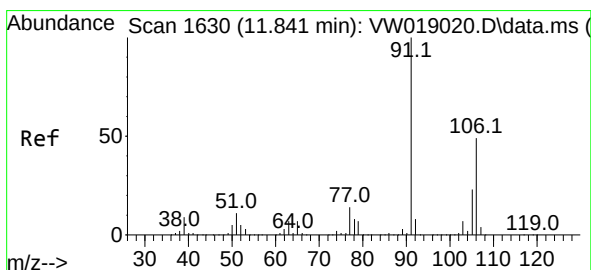
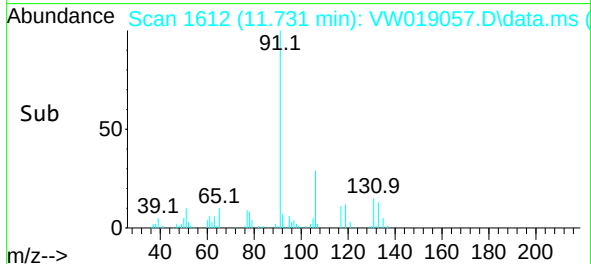
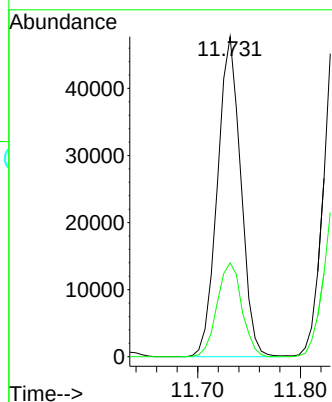
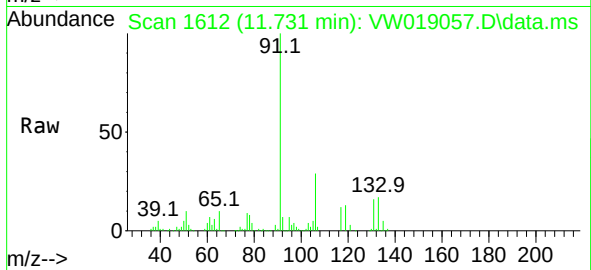




#67
Ethyl Benzene
Concen: 3.80 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

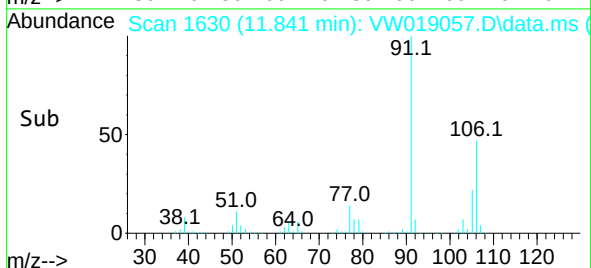
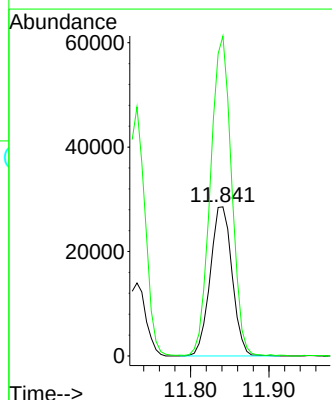
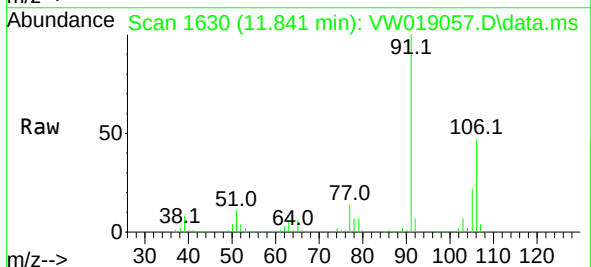
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

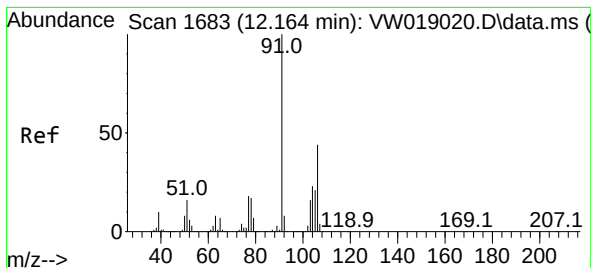
Tgt Ion: 91 Resp: 75096
Ion Ratio Lower Upper
91 100
106 29.3 24.0 36.0



#68
m/p-Xylenes
Concen: 7.47 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 106 Resp: 55474
Ion Ratio Lower Upper
106 100
91 205.6 164.2 246.2

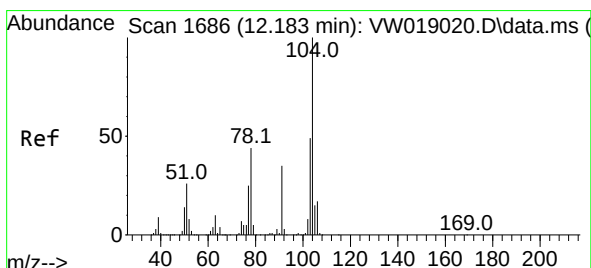
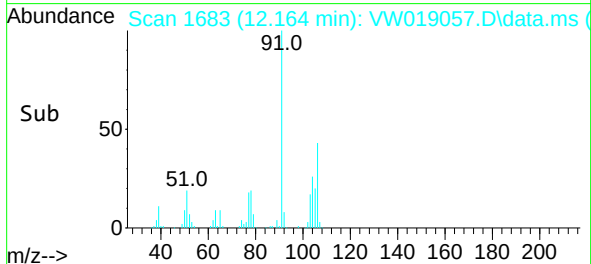
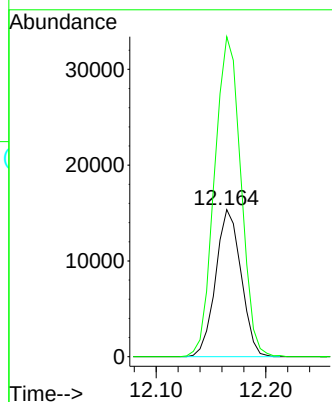
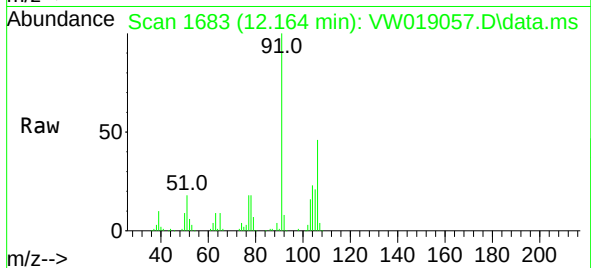




#69
o-Xylene
Concen: 3.57 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

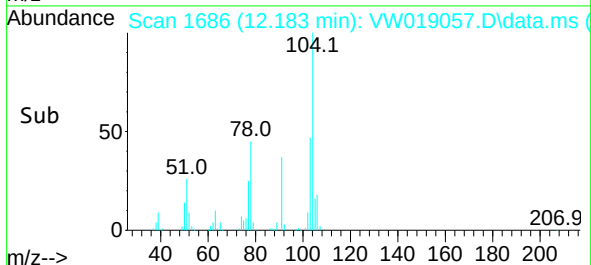
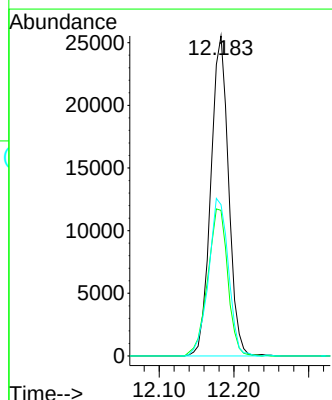
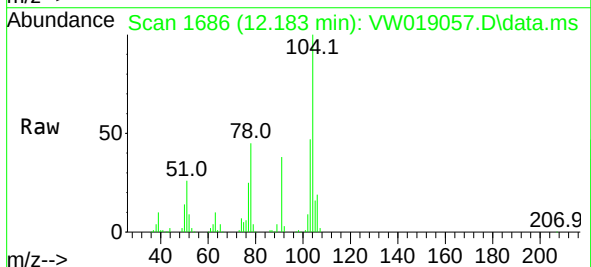
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

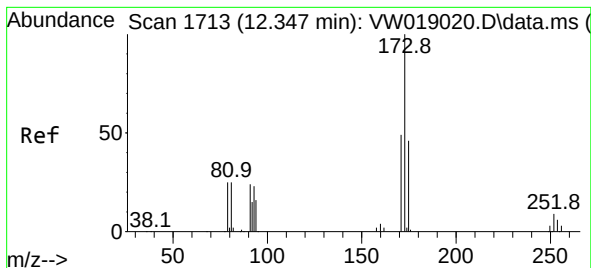
Tgt Ion:106 Resp: 24730
Ion Ratio Lower Upper
106 100
91 225.9 109.1 327.2



#70
Styrene
Concen: 3.59 ug/l
RT: 12.183 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:104 Resp: 42160
Ion Ratio Lower Upper
104 100
78 51.8 41.3 61.9
103 54.8 44.1 66.1

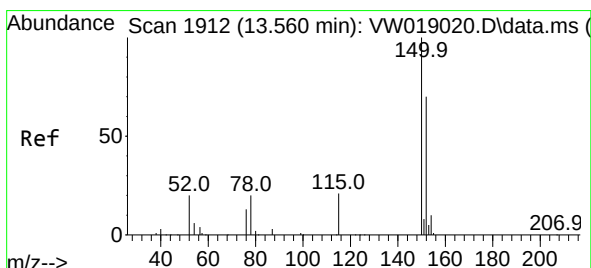
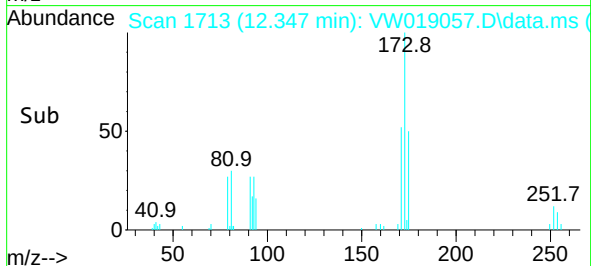
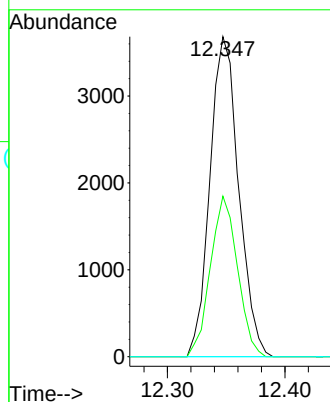
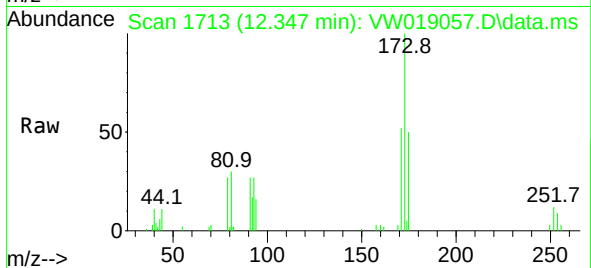




#71
Bromoform
Concen: 3.42 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

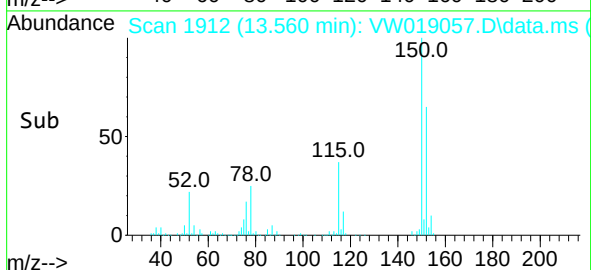
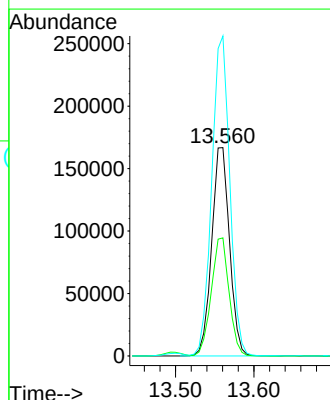
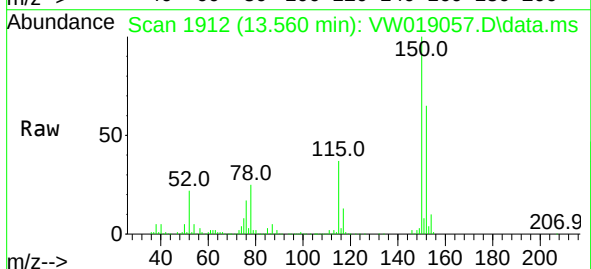
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

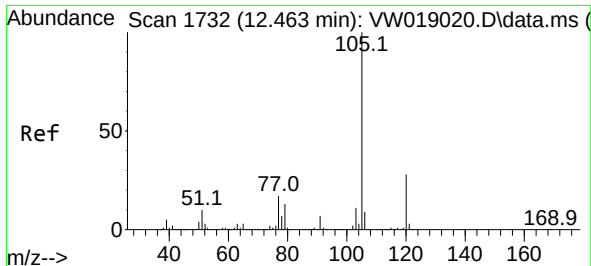
Tgt Ion:173 Resp: 6256
Ion Ratio Lower Upper
173 100
175 47.3 24.6 73.8
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

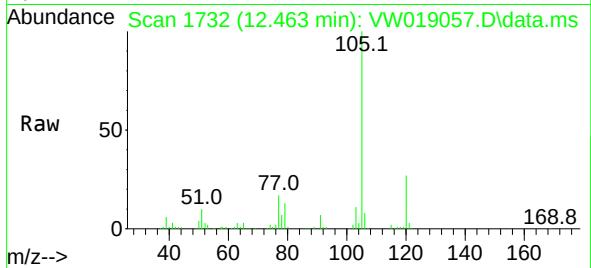
Tgt Ion:152 Resp: 263394
Ion Ratio Lower Upper
152 100
115 56.8 30.3 90.8
150 155.2 0.0 356.0



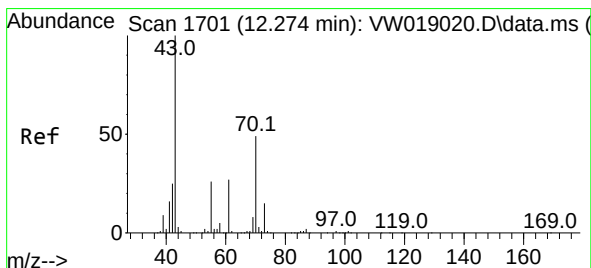
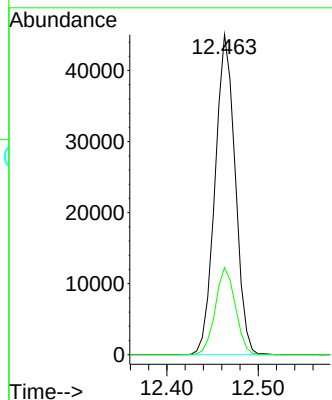
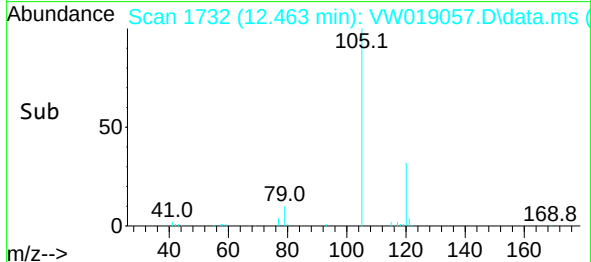


#73
Isopropylbenzene
Concen: 3.58 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

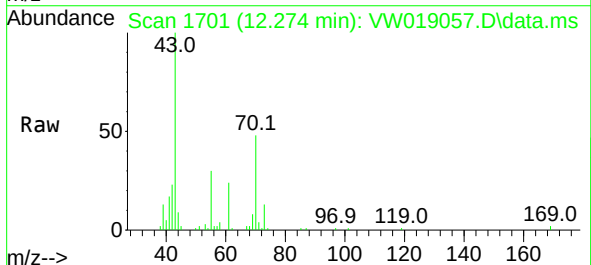
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



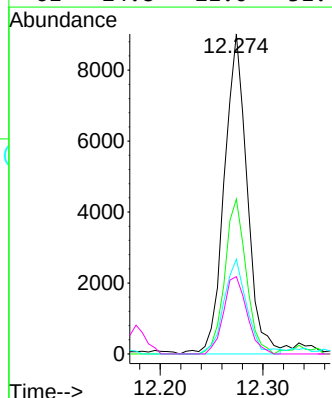
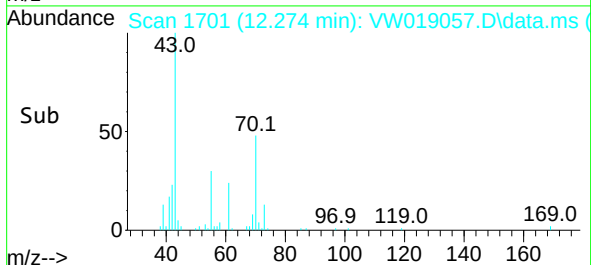
Tgt Ion:105 Resp: 69172
Ion Ratio Lower Upper
105 100
120 27.1 13.2 39.5

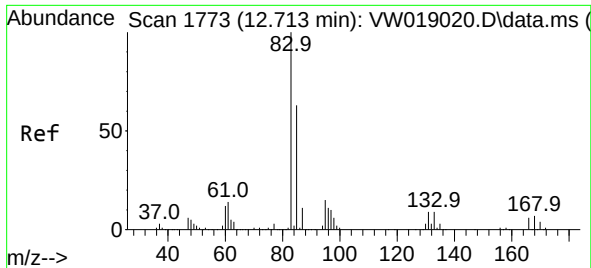


#74
N-ethyl acetate
Concen: 3.48 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion: 43 Resp: 13873
Ion Ratio Lower Upper
43 100
70 45.2 38.4 57.6
55 29.1 21.6 32.4
61 24.8 21.0 31.4

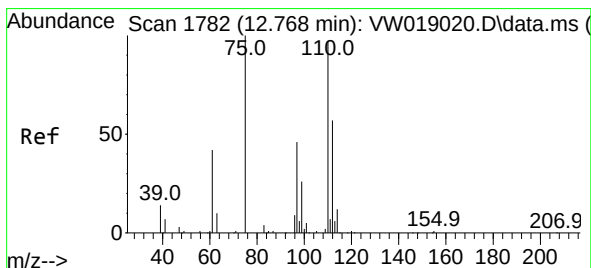
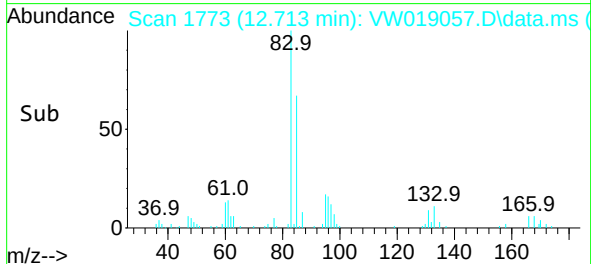
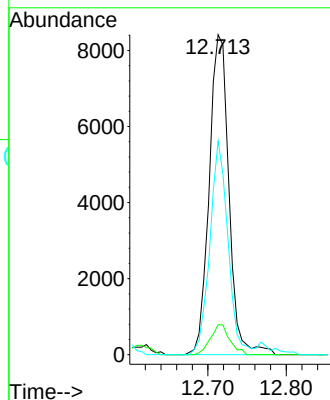
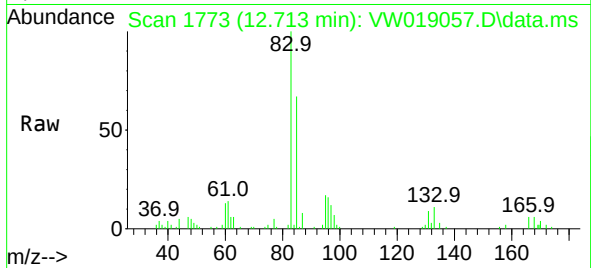




#75
1,1,2,2-Tetrachloroethane
Concen: 4.26 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

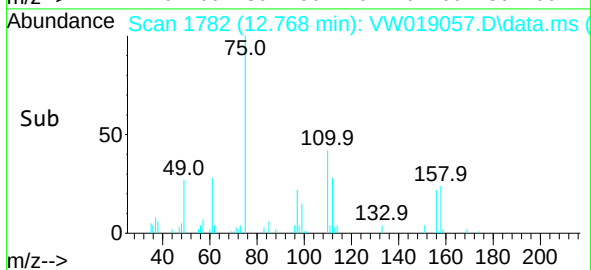
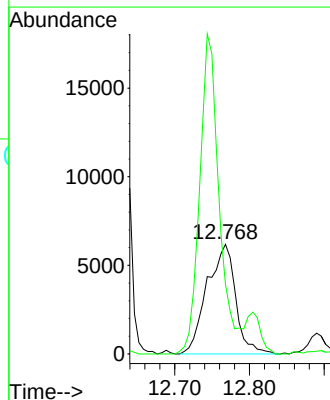
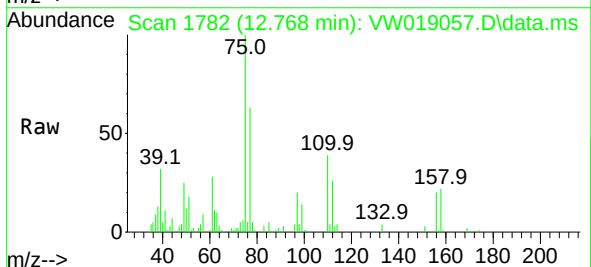
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

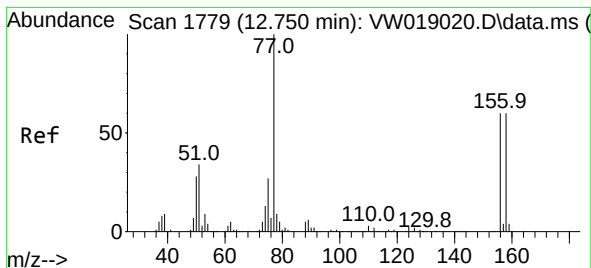
Tgt Ion:	83	Resp:	14720
Ion	Ratio	Lower	Upper
83	100		
131	9.2	5.1	15.2
85	61.2	31.6	94.8



#76
1,2,3-Trichloropropane
Concen: 6.61 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:	75	Resp:	16429
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

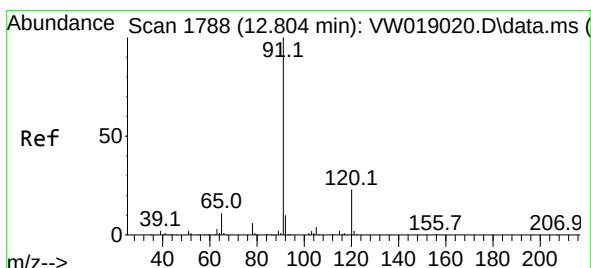
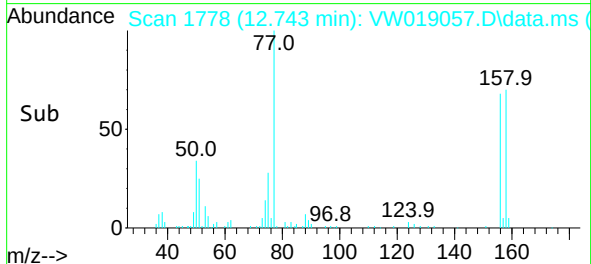
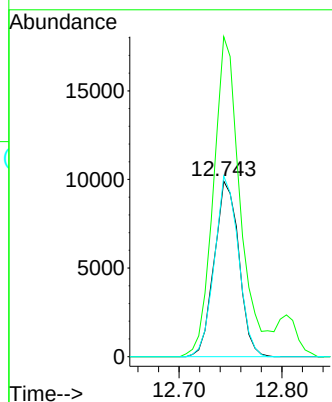
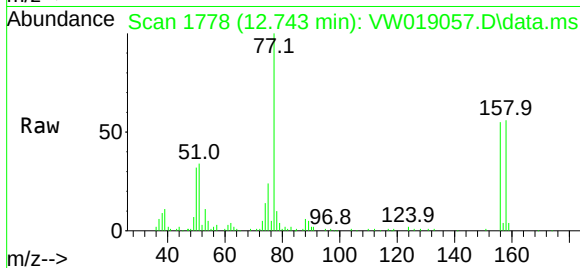




#77
Bromobenzene
Concen: 3.87 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

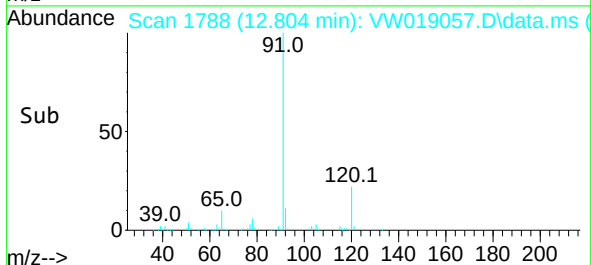
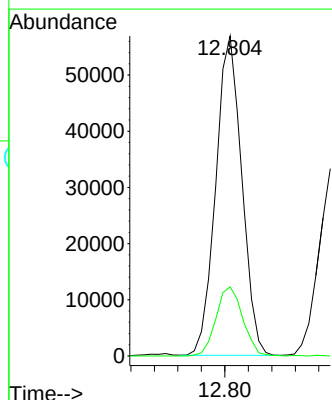
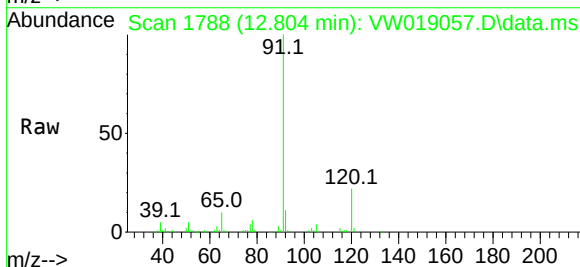
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

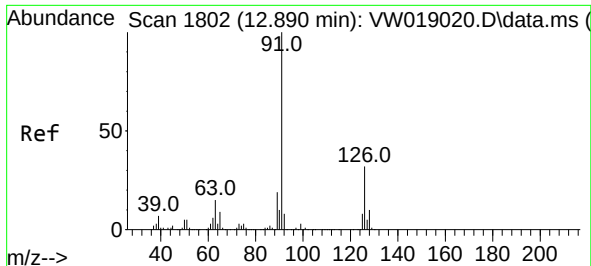
Tgt Ion: 156 Resp: 16463
Ion Ratio Lower Upper
156 100
77 200.1 96.7 290.0
158 100.2 48.4 145.3



#78
n-propylbenzene
Concen: 3.71 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 91 Resp: 87461
Ion Ratio Lower Upper
91 100
120 22.1 11.1 33.3

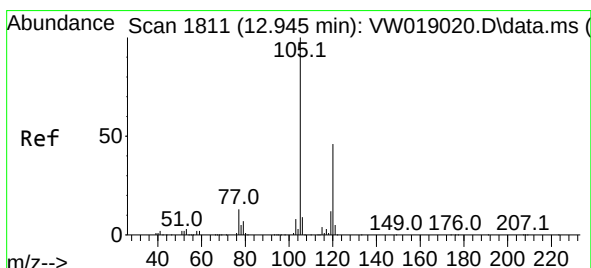
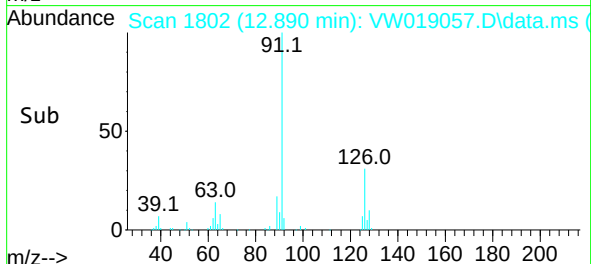
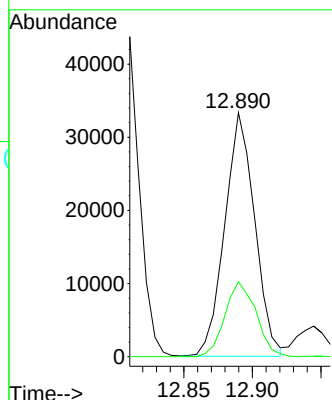
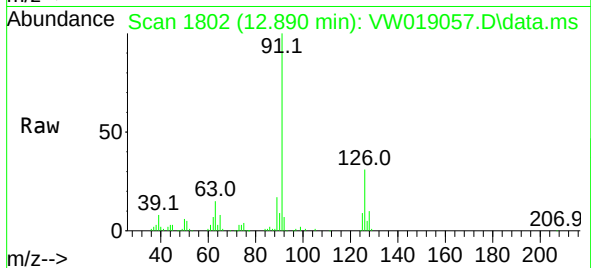




#79
2-Chlorotoluene
Concen: 3.77 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

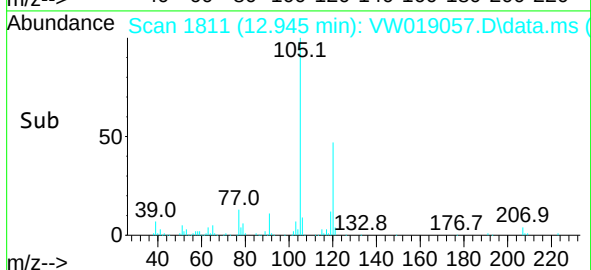
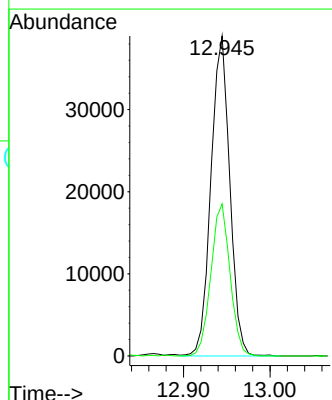
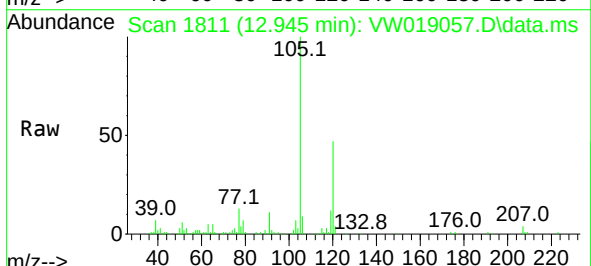
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

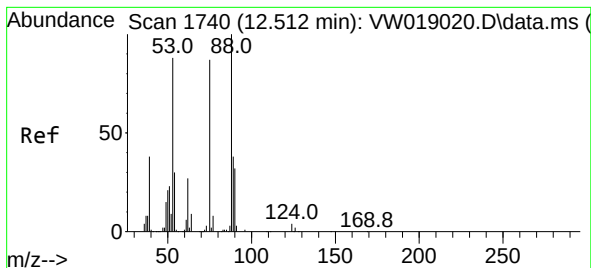
Tgt Ion: 91 Resp: 50712
Ion Ratio Lower Upper
91 100
126 31.8 16.5 49.5



#80
1,3,5-Trimethylbenzene
Concen: 3.59 ug/l
RT: 12.945 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

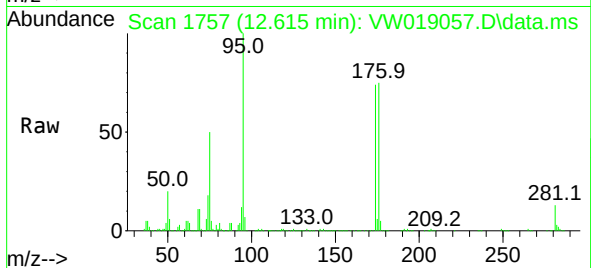
Tgt Ion: 105 Resp: 58760
Ion Ratio Lower Upper
105 100
120 48.3 24.1 72.2



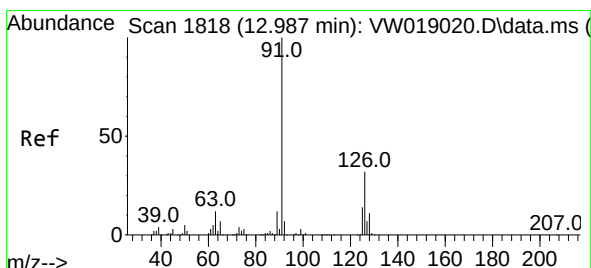
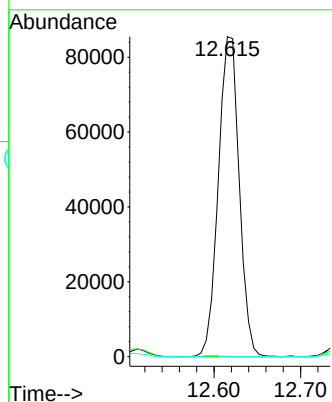
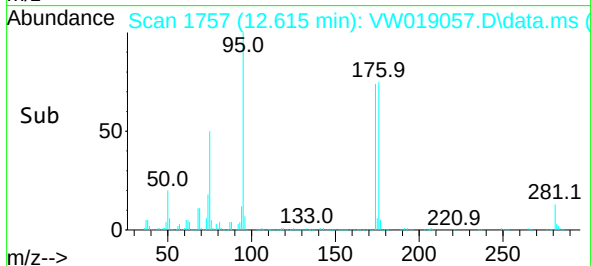


#81
trans-1,4-Dichloro-2-butene
Concen: 140.37 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

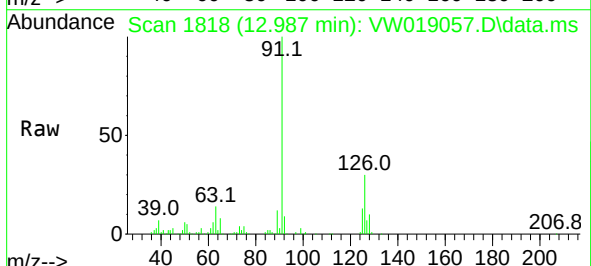
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021



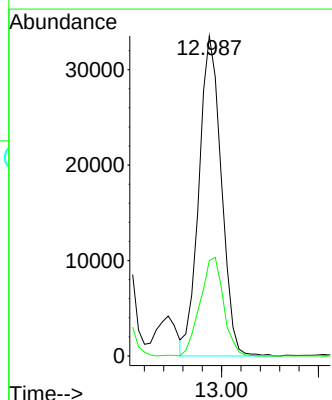
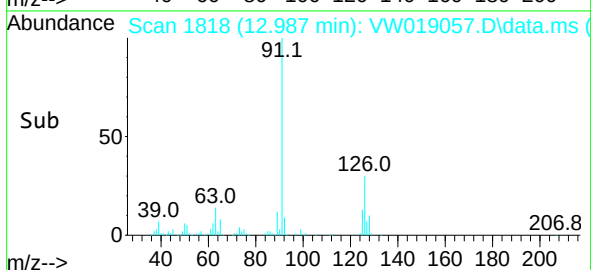
Tgt Ion: 75 Resp: 143229
Ion Ratio Lower Upper
75 100
53 0.0 81.5 122.3#
89 0.3 36.3 54.5#

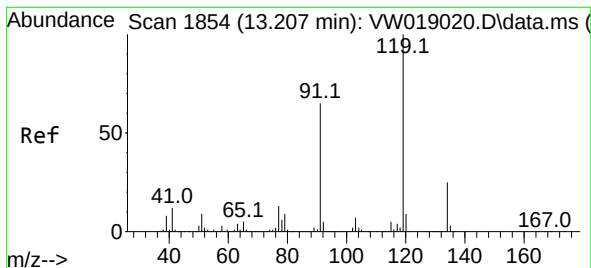


#82
4-Chlorotoluene
Concen: 3.77 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31



Tgt Ion: 91 Resp: 53835
Ion Ratio Lower Upper
91 100
126 32.3 16.1 48.2

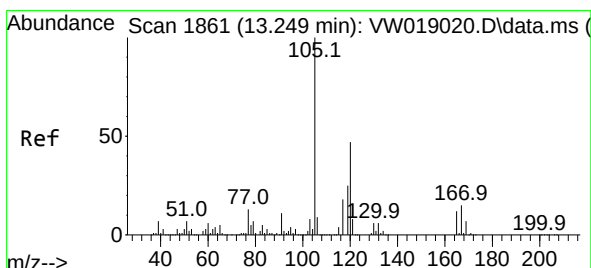
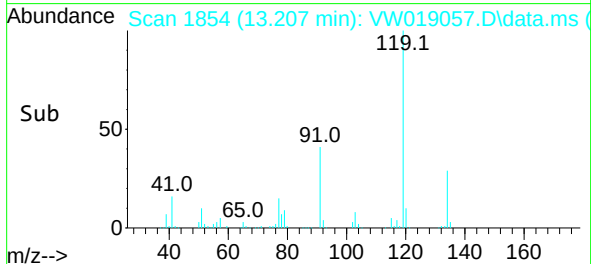
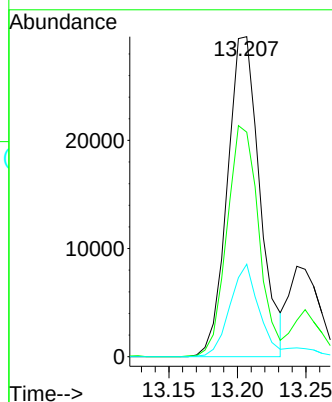
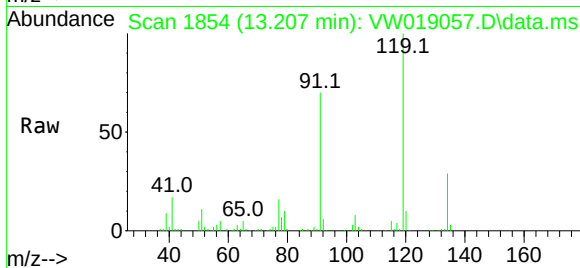




#83
tert-Butylbenzene
Concen: 3.53 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

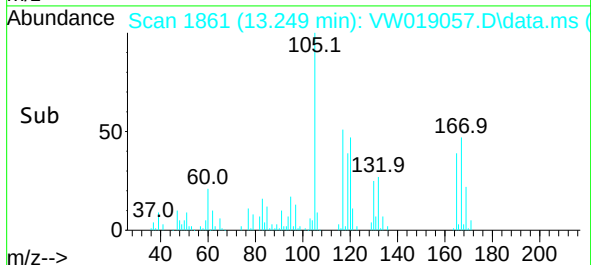
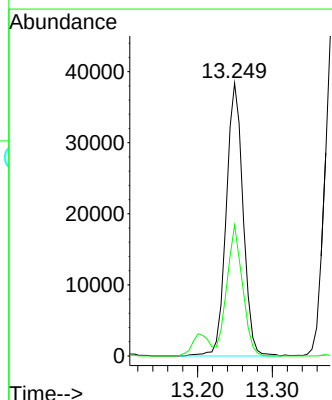
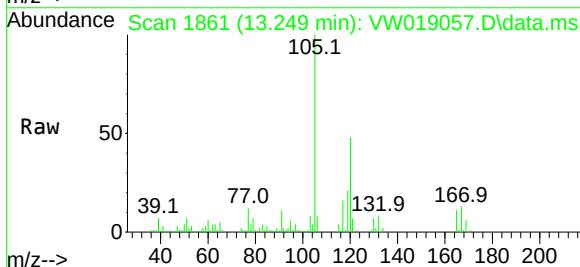
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

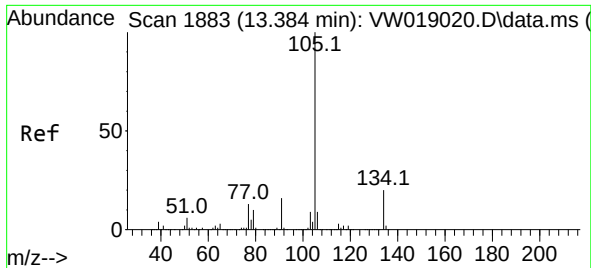
Tgt Ion:119 Resp: 48744
Ion Ratio Lower Upper
119 100
91 70.6 34.0 102.0
134 26.3 13.0 38.9



#84
1,2,4-Trimethylbenzene
Concen: 3.70 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:105 Resp: 60111
Ion Ratio Lower Upper
105 100
120 45.2 22.4 67.0

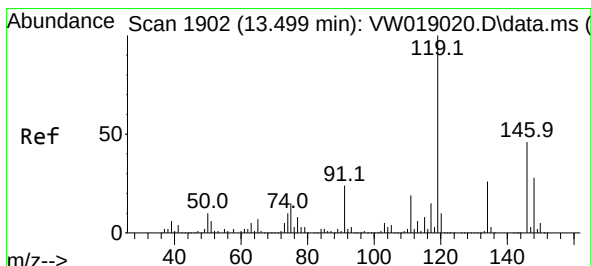
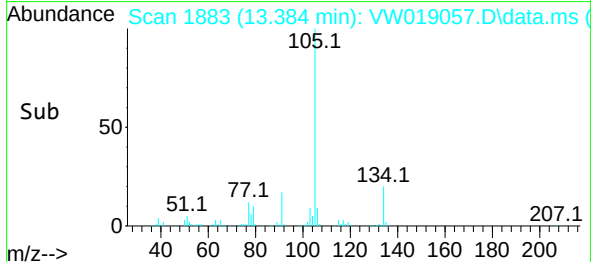
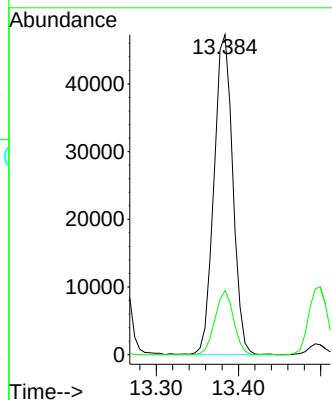
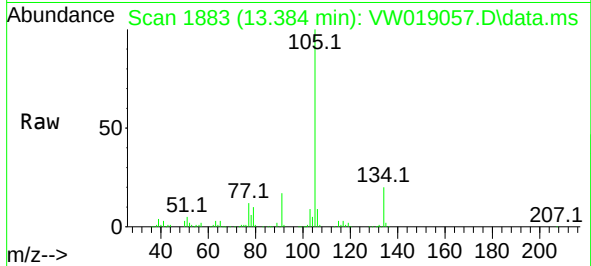




#85
 sec-Butylbenzene
 Concen: 3.66 ug/l
 RT: 13.384 min Scan# 1883
 Delta R.T. 0.000 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

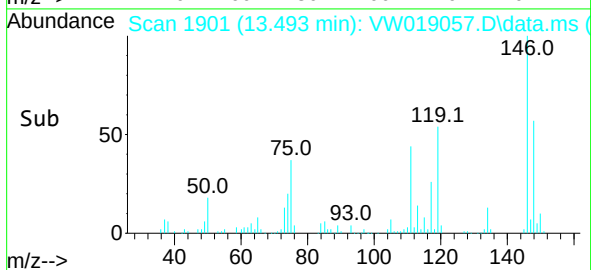
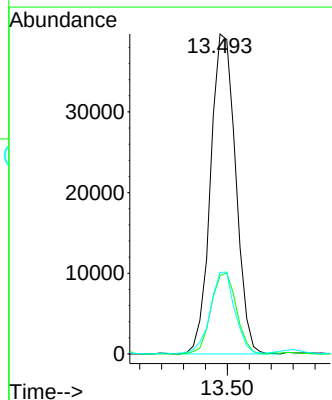
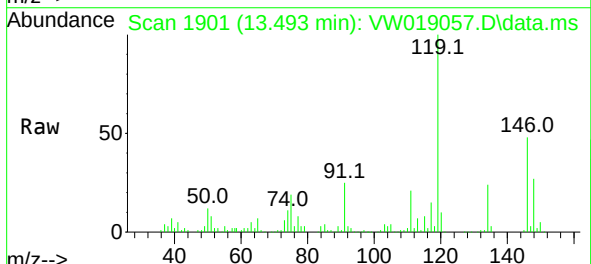
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2021

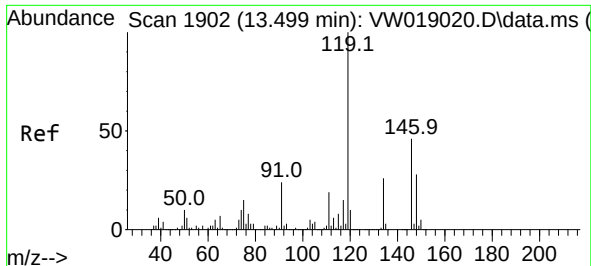
Tgt Ion:105 Resp: 74954
 Ion Ratio Lower Upper
 105 100
 134 19.9 10.1 30.1



#86
 p-Isopropyltoluene
 Concen: 3.55 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.006 min
 Lab File: VW019057.D
 Acq: 21 May 2021 18:31

Tgt Ion:119 Resp: 62983
 Ion Ratio Lower Upper
 119 100
 134 25.5 12.8 38.3
 91 25.3 12.1 36.3



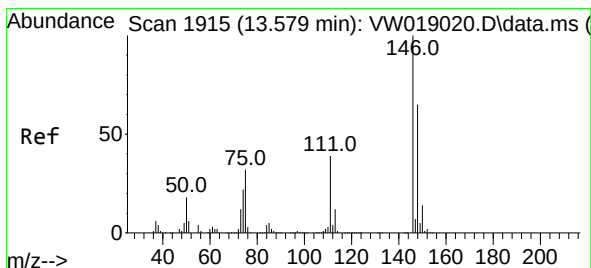
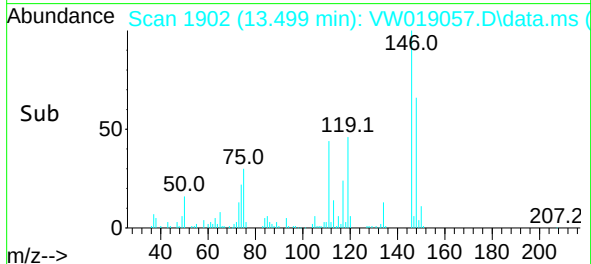
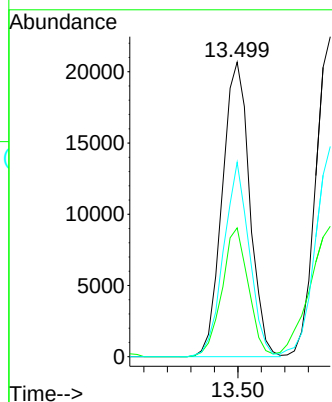
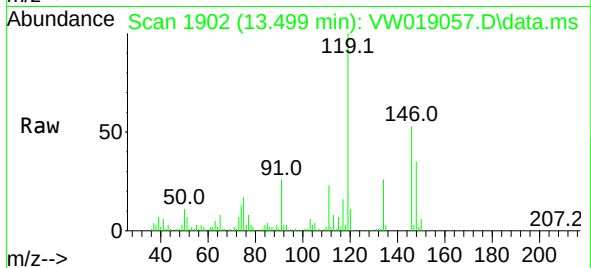


#87

1,3-Dichlorobenzene
Concen: 3.86 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

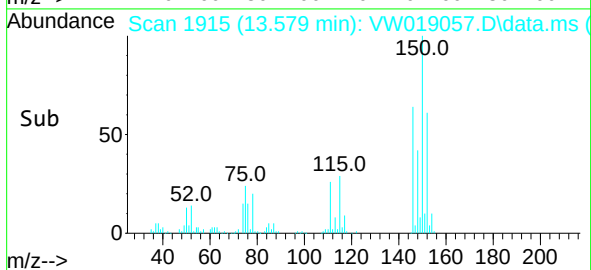
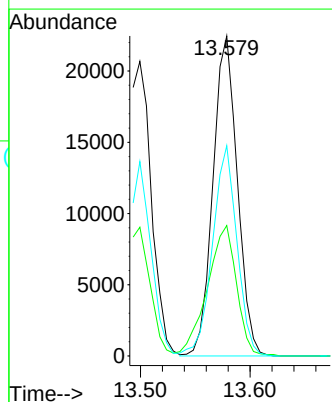
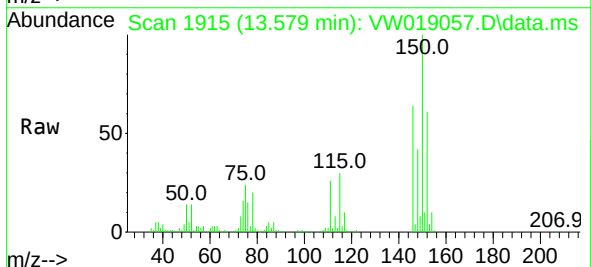
Tgt Ion:146 Resp: 33537
Ion Ratio Lower Upper
146 100
111 42.1 20.7 62.1
148 62.1 31.8 95.3

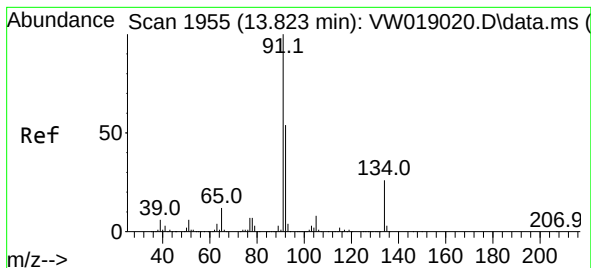


#88

1,4-Dichlorobenzene
Concen: 4.05 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

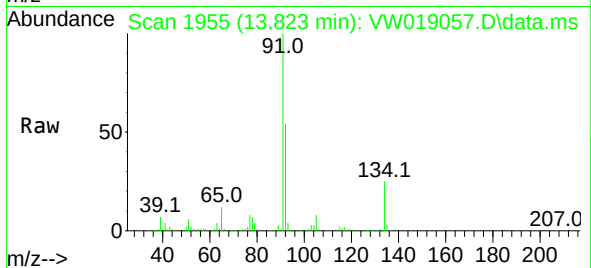
Tgt Ion:146 Resp: 34729
Ion Ratio Lower Upper
146 100
111 49.1 20.1 60.3
148 65.9 32.4 97.2



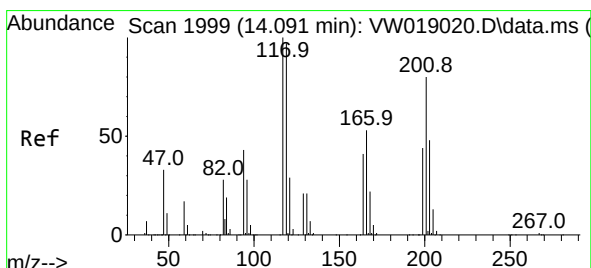
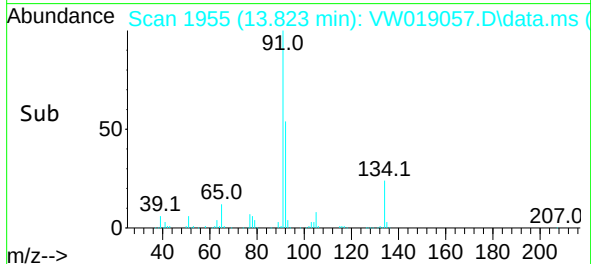
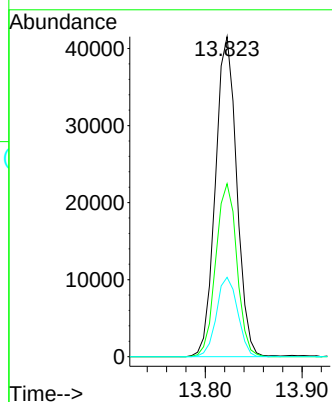


#89
n-Butylbenzene
Concen: 3.64 ug/l
RT: 13.823 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

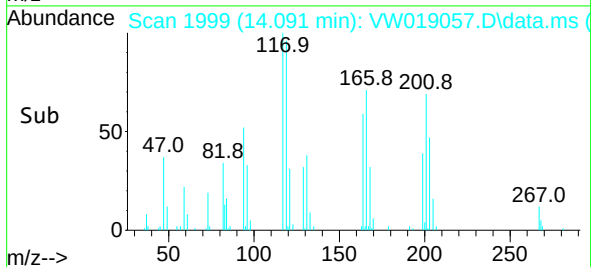
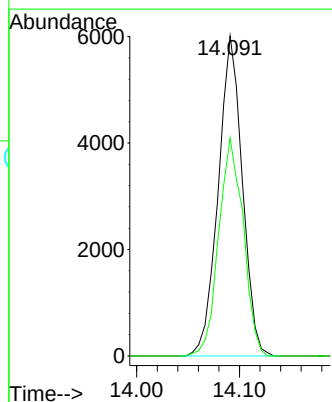
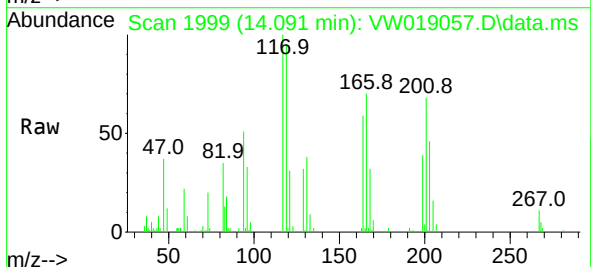


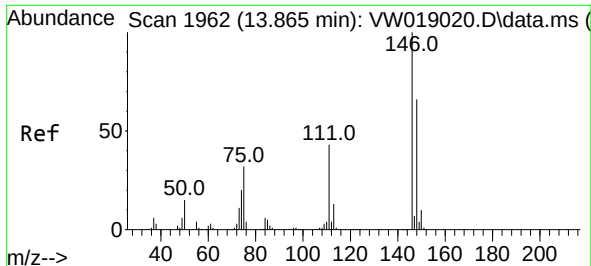
Tgt Ion: 91 Resp: 63569
Ion Ratio Lower Upper
91 100
92 53.4 26.6 79.8
134 24.7 12.7 38.0



#90
Hexachloroethane
Concen: 3.51 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion: 117 Resp: 9775
Ion Ratio Lower Upper
117 100
201 69.4 38.4 115.2

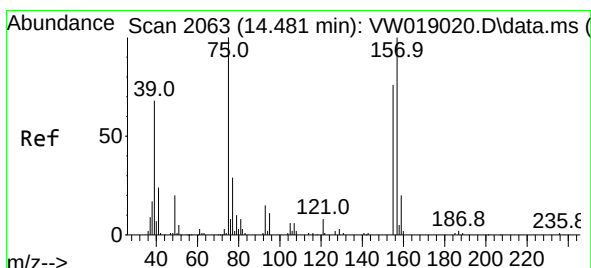
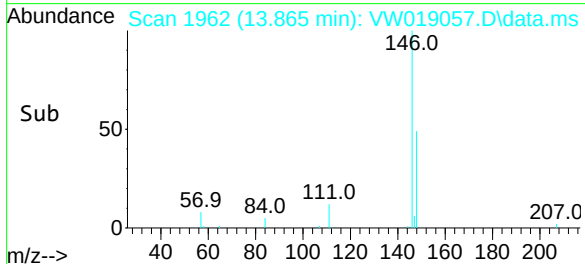
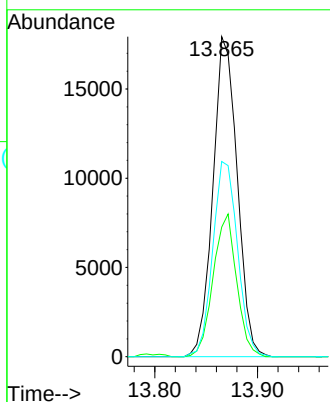
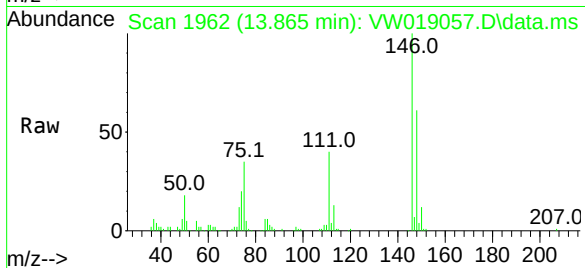




#91
1,2-Dichlorobenzene
Concen: 3.82 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. 0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

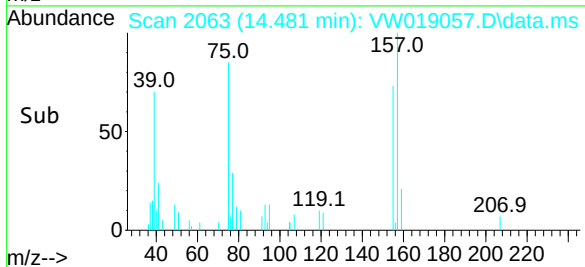
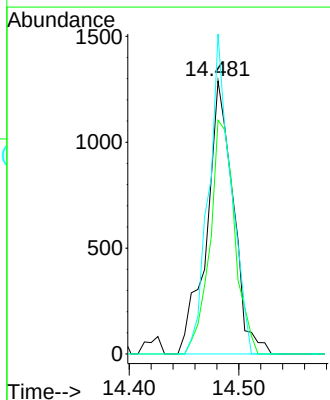
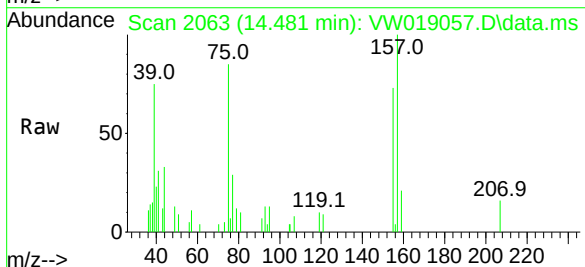
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

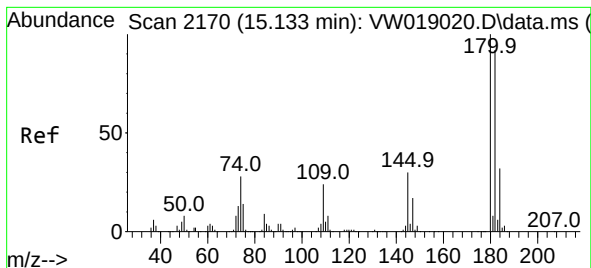
Tgt Ion:	146	Resp:	29397
Ion	Ratio	Lower	Upper
146	100		
111	43.1	21.1	63.1
148	62.4	32.6	97.7



#92
1,2-Dibromo-3-Chloropropane
Concen: 3.94 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

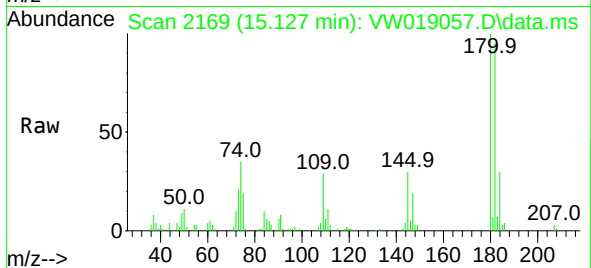
Tgt Ion:	75	Resp:	2172
Ion	Ratio	Lower	Upper
75	100		
155	79.4	41.3	124.1
157	98.1	51.2	153.6



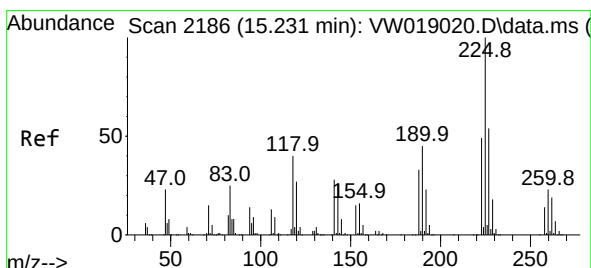
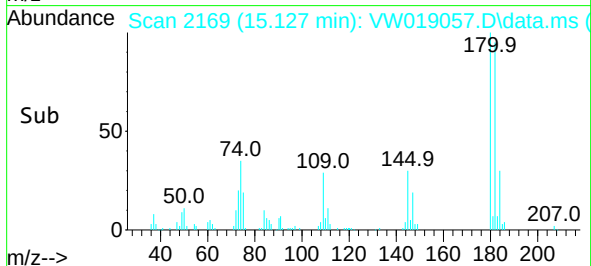
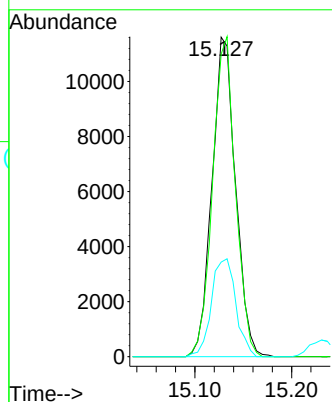


#93
1,2,4-Trichlorobenzene
Concen: 3.81 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

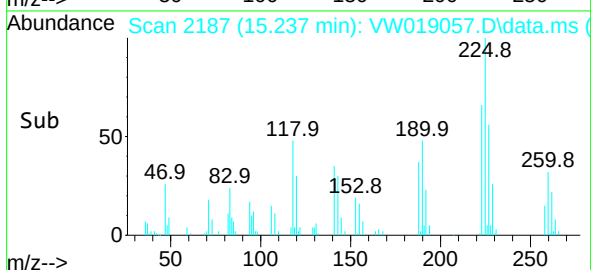
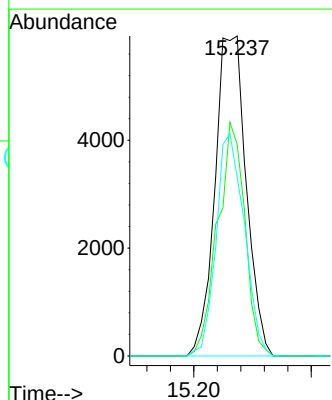
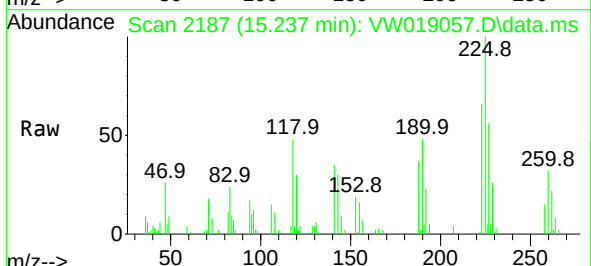


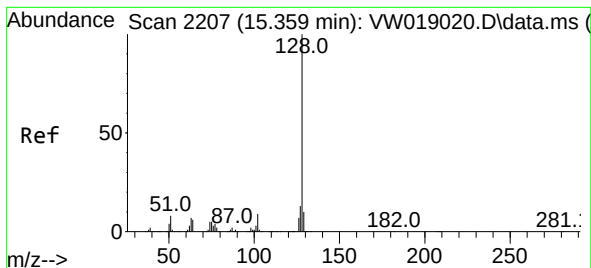
Tgt Ion:180 Resp: 19617
Ion Ratio Lower Upper
180 100
182 96.7 48.9 146.7
145 31.8 15.4 46.1



#94
Hexachlorobutadiene
Concen: 3.69 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:225 Resp: 10967
Ion Ratio Lower Upper
225 100
223 63.4 29.6 88.8
227 62.6 30.4 91.3

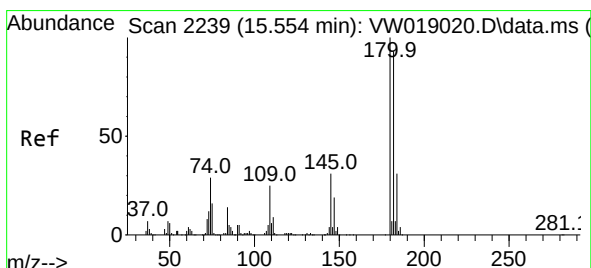
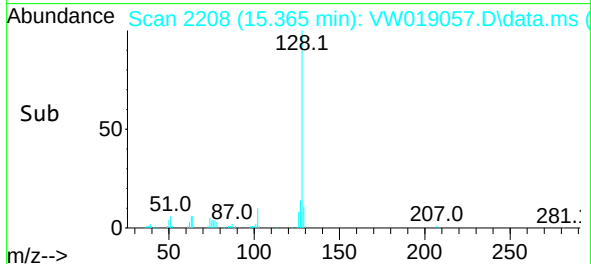
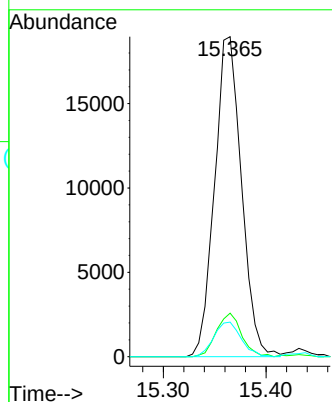
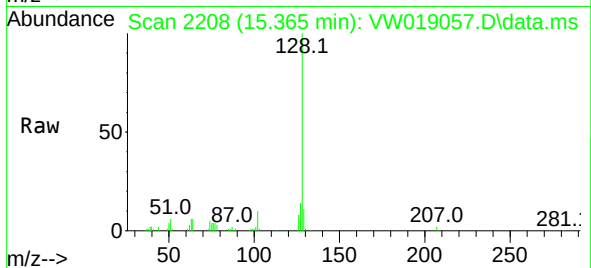




#95
Naphthalene
Concen: 3.67 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. 0.006 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2021

Tgt Ion:128 Resp: 34400
Ion Ratio Lower Upper
128 100
127 12.7 10.4 15.6
129 11.0 8.5 12.7



#96
1,2,3-Trichlorobenzene
Concen: 3.89 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. -0.000 min
Lab File: VW019057.D
Acq: 21 May 2021 18:31

Tgt Ion:180 Resp: 17329
Ion Ratio Lower Upper
180 100
182 96.5 47.4 142.3
145 32.9 16.1 48.2

