

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW110221\
 Data File : VW020747.D
 Acq On : 02 Nov 2021 19:40
 Operator : SY/VA
 Sample : M4068-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 14 Sample Multiplier: 1

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

Quant Time: Nov 03 02:50:25 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W110121S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 03 02:49:21 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.952	168	33944	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	52945	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	49961	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	27201	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	14577	46.248	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	92.500%
35) Dibromofluoromethane	7.884	113	15706	46.676	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.360%
50) Toluene-d8	10.323	98	53981	46.063	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	92.120%
62) 4-Bromofluorobenzene	12.621	95	18569	44.969	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.940%

Target Compounds			Qvalue			
2) Dichlorodifluoromethane	2.014	85	151	1.744	ug/l #	37
3) Chloromethane	2.215	50	852	4.256	ug/l #	80
4) Vinyl Chloride	2.355	62	1586	4.097	ug/l	89
5) Bromomethane	2.763	94	1463	4.461	ug/l	97
6) Chloroethane	2.916	64	679	4.070	ug/l #	82
7) Trichlorofluoromethane	3.251	101	565	4.401	ug/l	97
8) Diethyl Ether	3.690	74	535	4.168	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.062	101	1316	4.314	ug/l	98
10) Methyl Iodide	4.263	142	1712	4.364	ug/l #	90
11) Tert butyl alcohol	5.184	59	247	18.810	ug/l #	77
12) 1,1-Dichloroethene	4.032	96	1168	4.103	ug/l #	77
14) Allyl chloride	4.666	41	885	4.038	ug/l	96
15) Acrylonitrile	5.367	53	973	19.816	ug/l #	91
16) Acetone	4.129	43	1008	21.952	ug/l #	73
17) Carbon Disulfide	4.379	76	3178	4.434	ug/l	100
18) Methyl Acetate	4.678	43	738	4.641	ug/l #	66
19) Methyl tert-butyl Ether	5.428	73	1335	4.092	ug/l	96
20) Methylene Chloride	4.915	84	5782	14.528	ug/l	90
21) trans-1,2-Dichloroethene	5.421	96	1268	4.032	ug/l #	86
22) Diisopropyl ether	6.318	45	2063	3.687	ug/l #	76
23) Vinyl Acetate	6.263	43	5605	18.134	ug/l	95
24) 1,1-Dichloroethane	6.220	63	2164	4.491	ug/l #	95
25) 2-Butanone	7.177	43	1267	21.556	ug/l	93
26) 2,2-Dichloropropane	7.159	77	1294	4.482	ug/l	91
27) cis-1,2-Dichloroethene	7.177	96	1391	4.032	ug/l	95
28) Bromochloromethane	7.513	49	901	4.680	ug/l #	97
29) Tetrahydrofuran	7.543	42	585	16.865	ug/l #	85
30) Chloroform	7.677	83	2865	4.784	ug/l	88
31) Cyclohexane	7.952	56	2223	5.235	ug/l #	88
32) 1,1,1-Trichloroethane	7.866	97	2268	4.757	ug/l	92
36) 1,1-Dichloropropene	8.086	75	1822	4.276	ug/l	96
37) Ethyl Acetate	7.263	43	603	4.503	ug/l #	63
38) Carbon Tetrachloride	8.073	117	1942	4.257	ug/l #	83
39) Methylcyclohexane	9.335	83	2051	3.990	ug/l	92
40) Benzene	8.323	78	6919	5.636	ug/l	99
41) Methacrylonitrile	7.482	41	249	3.772	ug/l #	65

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.403	62	1831	5.221	ug/l	81
43) Isopropyl Acetate	8.427	43	958	3.801	ug/l #	90
44) Trichloroethene	9.092	130	1656	4.397	ug/l	96
45) 1,2-Dichloropropane	9.366	63	1112	4.187	ug/l	98
46) Dibromomethane	9.463	93	890	4.750	ug/l	92
47) Bromodichloromethane	9.646	83	1952	4.454	ug/l #	99
48) Methyl methacrylate	9.439	41	449	3.918	ug/l	92
49) 1,4-Dioxane	9.457	88	106	47.031	ug/l #	31
51) 4-Methyl-2-Pentanone	10.207	43	2738	20.215	ug/l	86
52) Toluene	10.390	92	3541	4.443	ug/l	98
53) t-1,3-Dichloropropene	10.610	75	1707	4.240	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	1786	3.895	ug/l #	88
55) 1,1,2-Trichloroethane	10.786	97	1165	4.517	ug/l	92
56) Ethyl methacrylate	10.646	69	908	3.325	ug/l	96
57) 1,3-Dichloropropane	10.927	76	1788	4.406	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.921	63	2155	18.133	ug/l	100
59) 2-Hexanone	10.969	43	1817	19.189	ug/l	87
60) Dibromochloromethane	11.128	129	1374	4.276	ug/l	94
61) 1,2-Dibromoethane	11.238	107	1075	4.191	ug/l	97
64) Tetrachloroethene	10.866	164	1585	4.861	ug/l #	86
65) Chlorobenzene	11.658	112	4233	4.514	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.731	131	1483	4.291	ug/l	90
67) Ethyl Benzene	11.731	91	6307	4.033	ug/l	95
68) m/p-Xylenes	11.835	106	4861	7.698	ug/l	99
69) o-Xylene	12.164	106	2235	3.791	ug/l	99
70) Styrene	12.182	104	3624	3.637	ug/l	96
71) Bromoform	12.347	173	689	3.527	ug/l #	96
73) Isopropylbenzene	12.463	105	5838	3.645	ug/l	97
74) N-amyl acetate	12.268	43	861	3.487	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.713	83	1330	4.401	ug/l	99
76) 1,2,3-Trichloropropane	12.768	75	1540	7.311	ug/l #	1
77) Bromobenzene	12.743	156	1863	4.594	ug/l	96
78) n-propylbenzene	12.804	91	7694	3.981	ug/l	97
79) 2-Chlorotoluene	12.890	91	4648	4.244	ug/l	93
80) 1,3,5-Trimethylbenzene	12.938	105	5063	3.675	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.615	75	9272	108.336	ug/l #	15
82) 4-Chlorotoluene	12.987	91	4646	4.056	ug/l	97
83) tert-Butylbenzene	13.207	119	4144	3.455	ug/l	91
84) 1,2,4-Trimethylbenzene	13.249	105	4977	3.683	ug/l	99
85) sec-Butylbenzene	13.383	105	6663	3.685	ug/l	96
86) p-Isopropyltoluene	13.499	119	5492	3.612	ug/l	95
87) 1,3-Dichlorobenzene	13.493	146	3359	3.964	ug/l	93
88) 1,4-Dichlorobenzene	13.572	146	3793	4.536	ug/l	95
89) n-Butylbenzene	13.822	91	5430	3.833	ug/l	92
90) Hexachloroethane	14.091	117	1256	4.201	ug/l	99
91) 1,2-Dichlorobenzene	13.871	146	3219	4.330	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.487	75	173	3.895	ug/l	78
93) 1,2,4-Trichlorobenzene	15.133	180	1903	4.056	ug/l	94
94) Hexachlorobutadiene	15.231	225	1024	4.019	ug/l	93
95) Naphthalene	15.365	128	2885	3.406	ug/l	98
96) 1,2,3-Trichlorobenzene	15.554	180	1654	4.035	ug/l	98

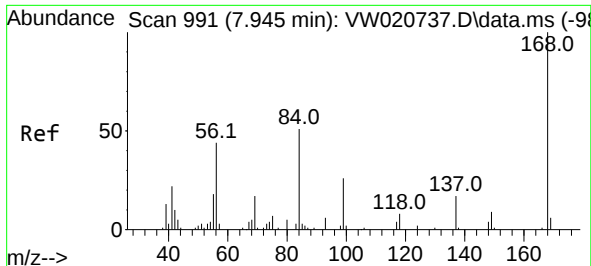
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

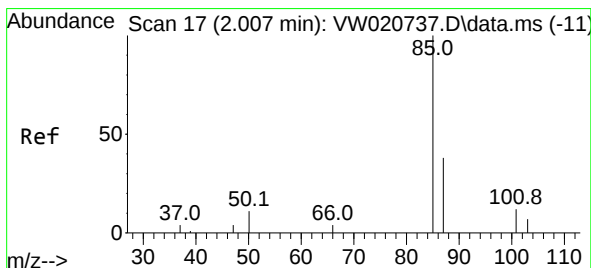
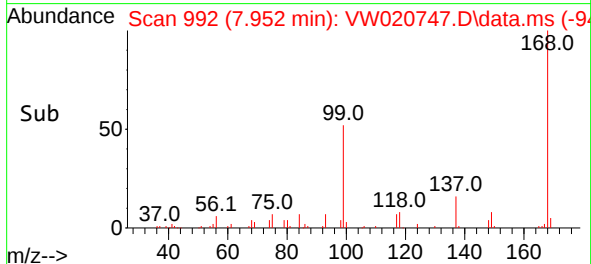
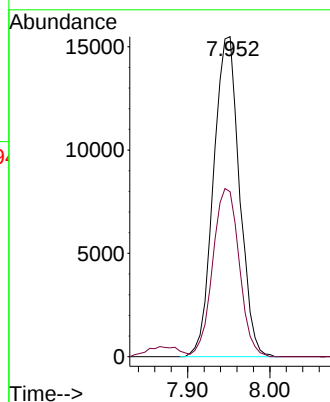
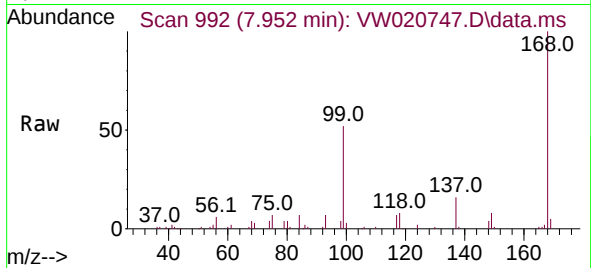
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.952 min Scan# 99
Delta R.T. 0.007 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

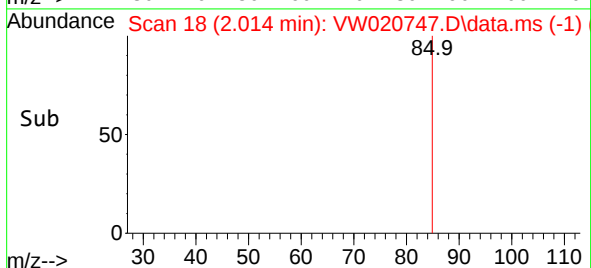
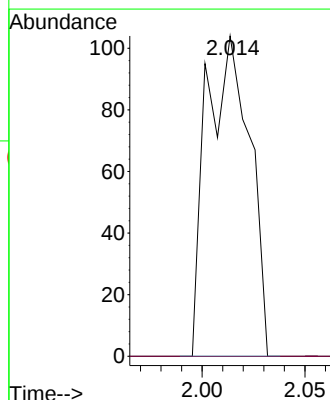
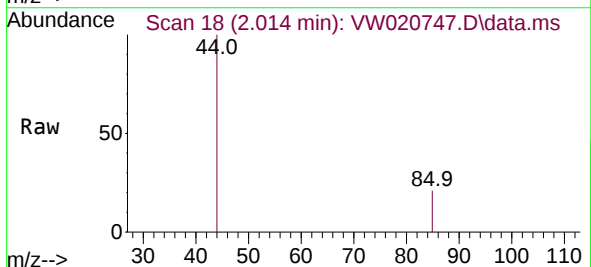
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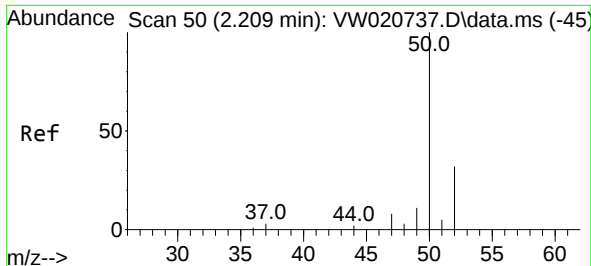
Tgt Ion:168 Resp: 33944
Ion Ratio Lower Upper
168 100
99 51.5 42.6 63.8



#2
Dichlorodifluoromethane
Concen: 1.744 ug/l
RT: 2.014 min Scan# 18
Delta R.T. 0.007 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 85 Resp: 151
Ion Ratio Lower Upper
85 100
87 0.0 19.1 57.5#

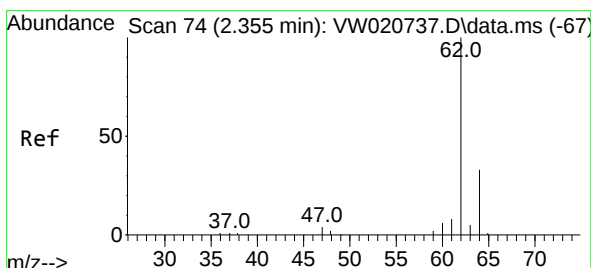
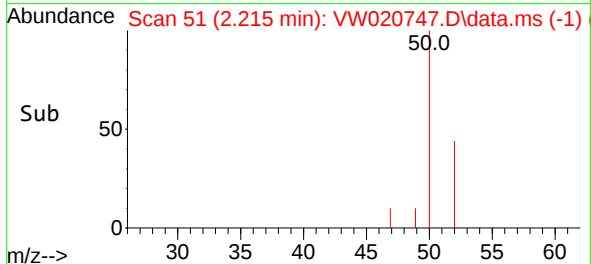
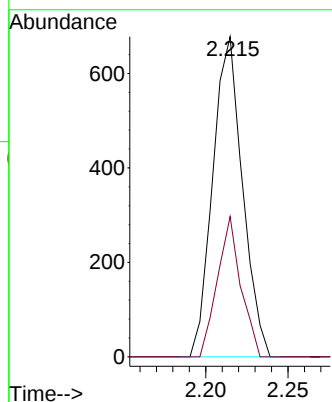
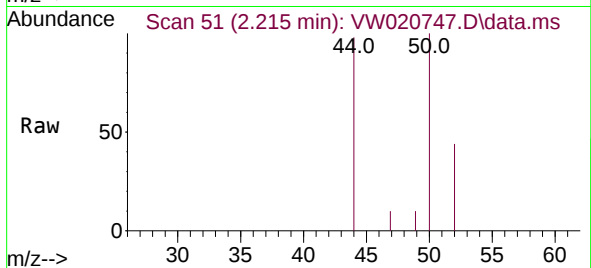




#3
Chloromethane
Concen: 4.256 ug/l
RT: 2.215 min Scan# 51
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

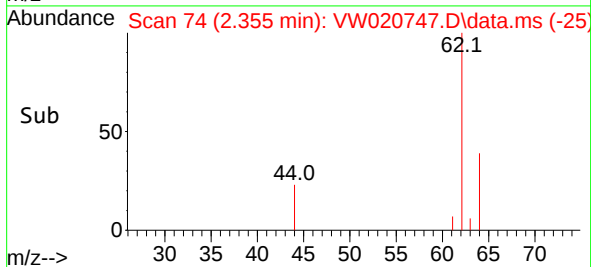
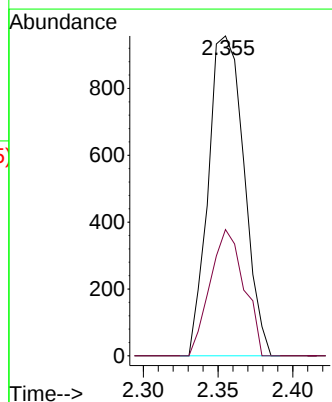
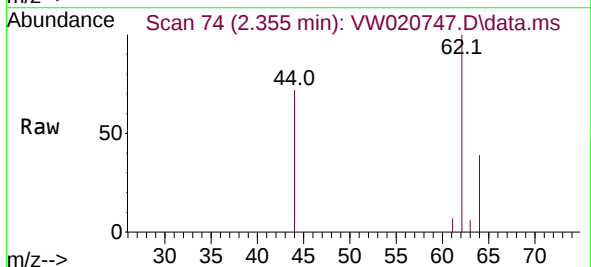
Instrument :
MSVOA_W
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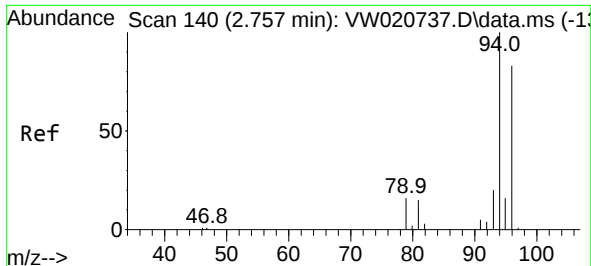
Tgt Ion: 50 Resp: 852
Ion Ratio Lower Upper
50 100
52 43.8 25.9 38.9#



#4
Vinyl Chloride
Concen: 4.097 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 62 Resp: 1586
Ion Ratio Lower Upper
62 100
64 39.5 26.7 40.1

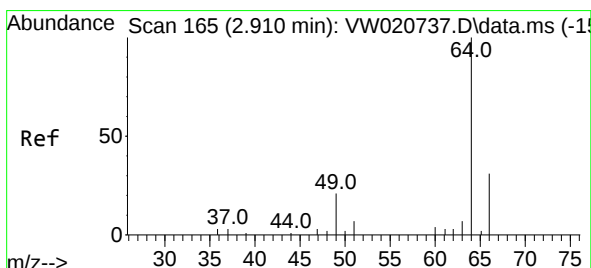
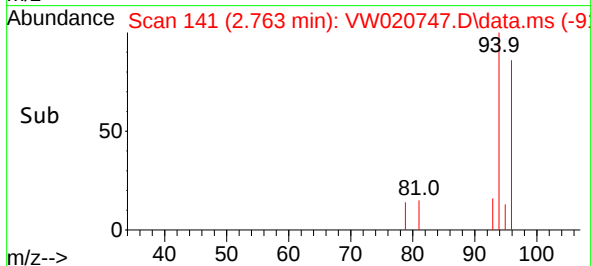
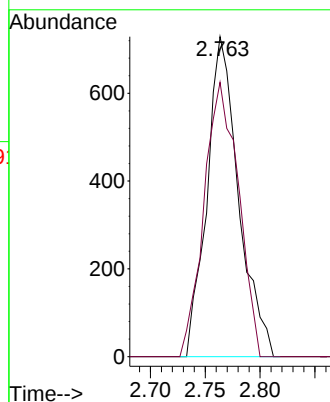
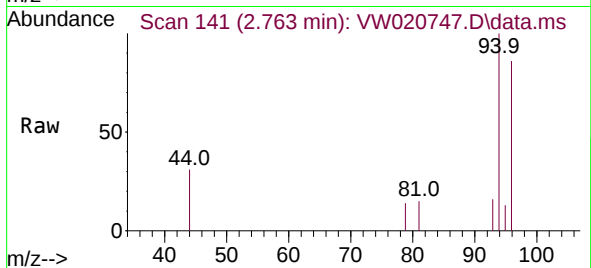




#5
Bromomethane
Concen: 4.461 ug/l
RT: 2.763 min Scan# 141
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

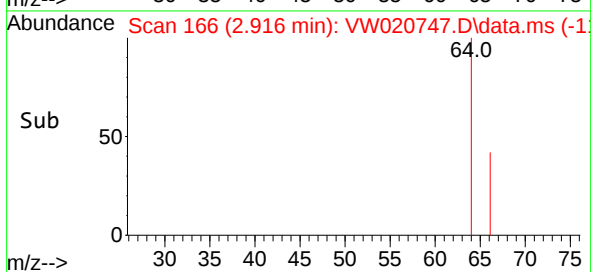
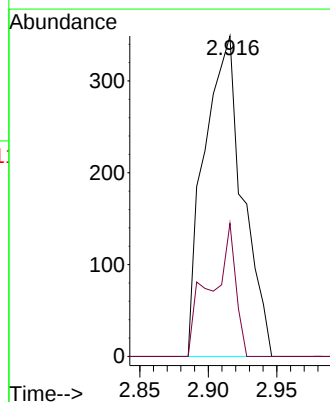
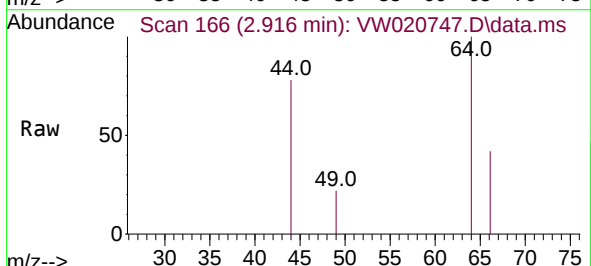
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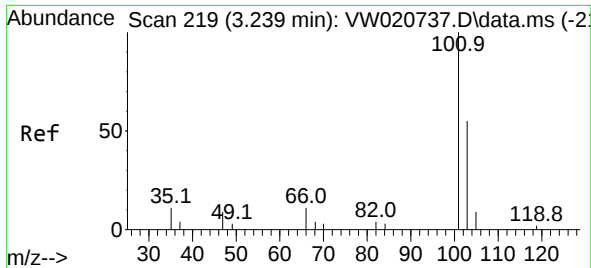
Tgt Ion: 94 Resp: 1463
Ion Ratio Lower Upper
94 100
96 85.7 66.7 100.1



#6
Chloroethane
Concen: 4.070 ug/l
RT: 2.916 min Scan# 166
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 64 Resp: 679
Ion Ratio Lower Upper
64 100
66 41.5 25.1 37.7#

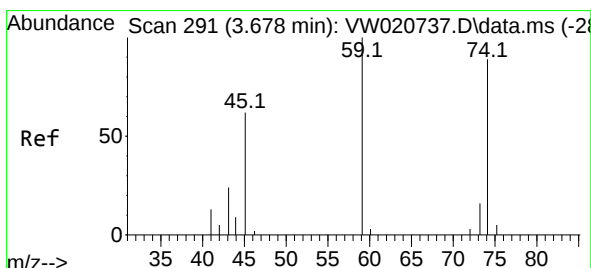
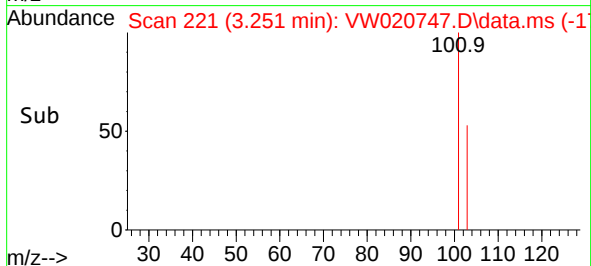
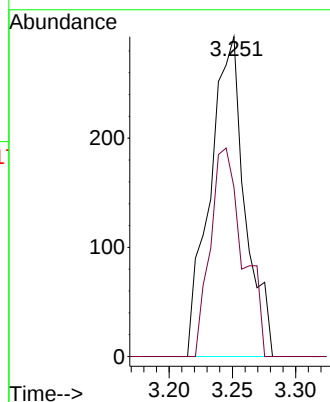
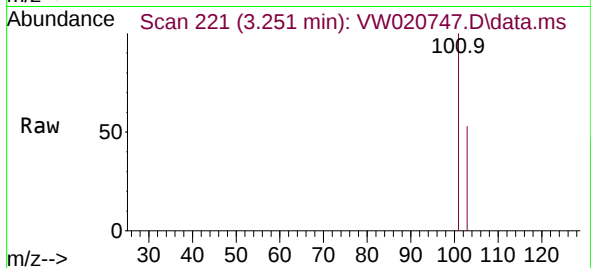




#7
 Trichlorofluoromethane
 Concen: 4.401 ug/l
 RT: 3.251 min Scan# 219
 Delta R.T. 0.012 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

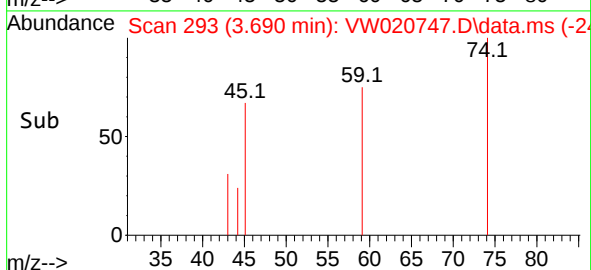
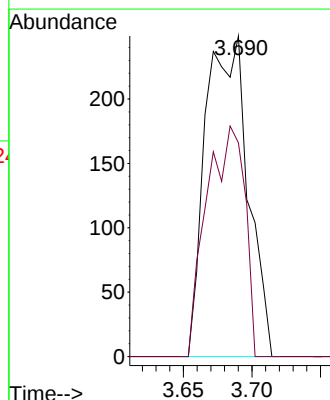
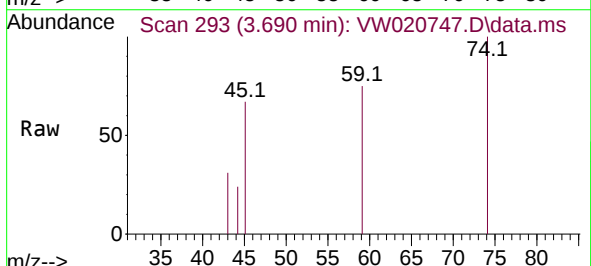
Instrument :
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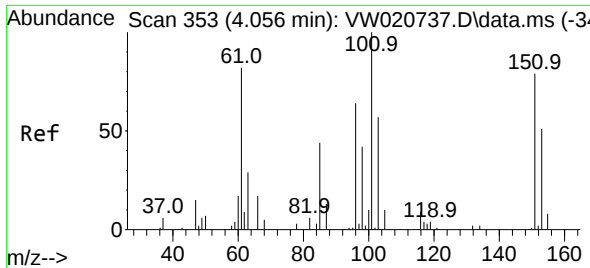
Tgt Ion:101 Resp: 565
 Ion Ratio Lower Upper
 101 100
 103 52.9 43.9 65.9



#8
 Diethyl Ether
 Concen: 4.168 ug/l
 RT: 3.690 min Scan# 293
 Delta R.T. 0.012 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

Tgt Ion: 74 Resp: 535
 Ion Ratio Lower Upper
 74 100
 45 64.7 34.3 102.8

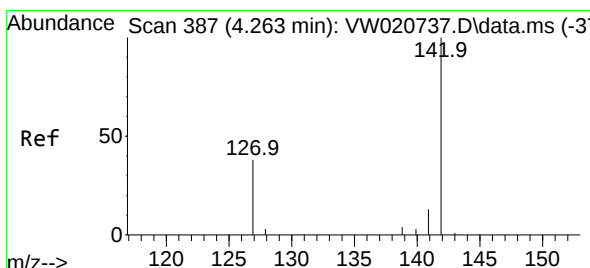
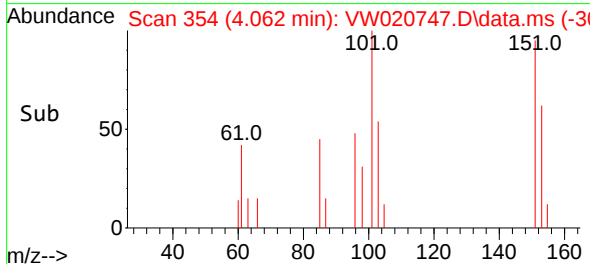
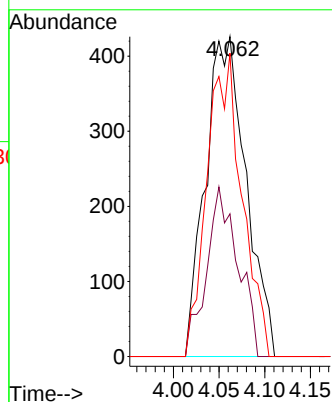
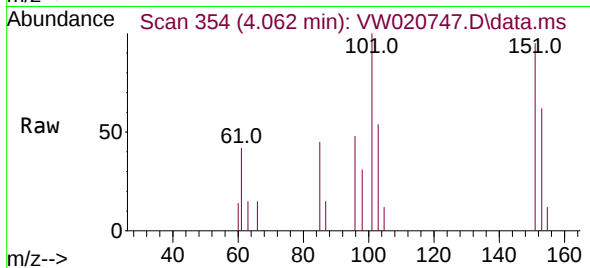




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.314 ug/l
RT: 4.062 min Scan# 354
Delta R.T. 0.006 min
Lab File: VW020747.D
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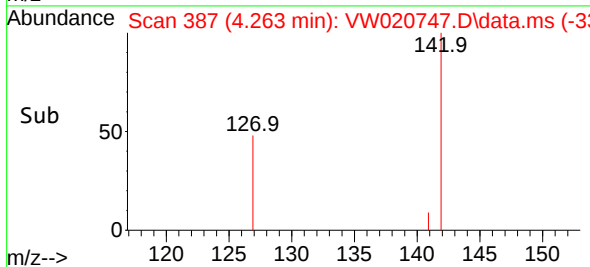
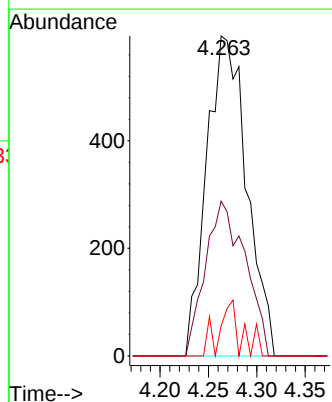
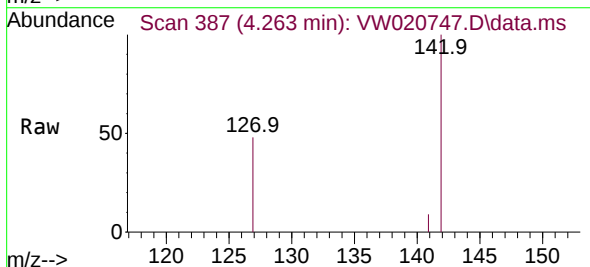
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

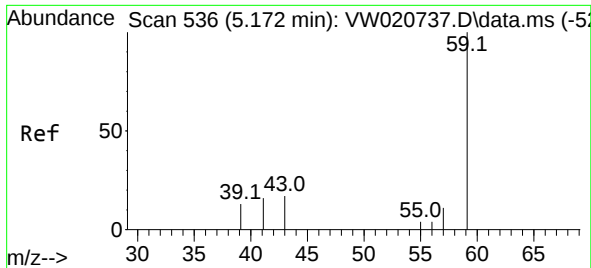
Tgt Ion:101 Resp: 1316
Ion Ratio Lower Upper
101 100
85 41.1 35.2 52.8
151 81.6 65.0 97.4



#10
Methyl Iodide
Concen: 4.364 ug/l
RT: 4.263 min Scan# 387
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:142 Resp: 1712
Ion Ratio Lower Upper
142 100
127 48.2 34.3 51.5
141 9.4 12.2 18.2#

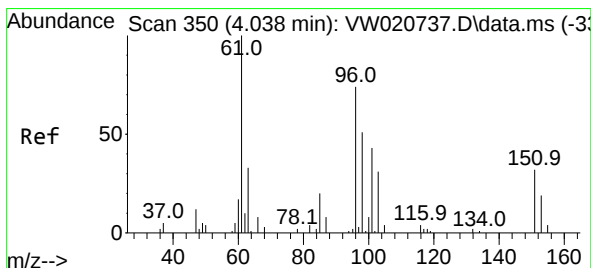
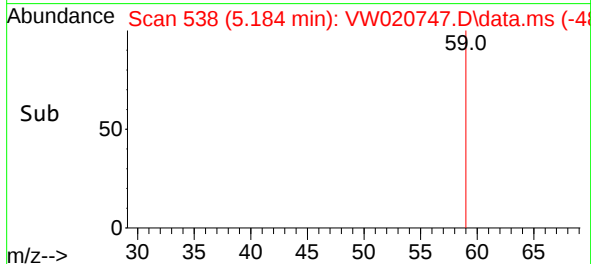
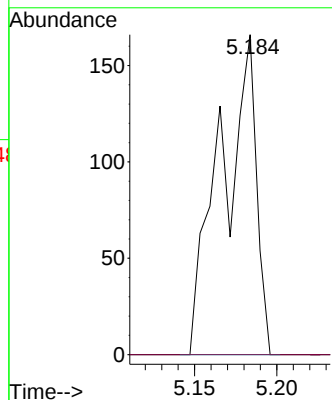
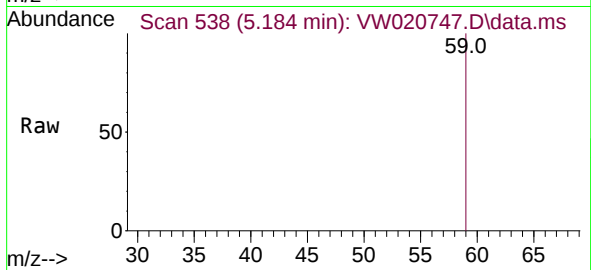




#11
Tert butyl alcohol
Concen: 18.810 ug/l
RT: 5.184 min Scan# 51
Delta R.T. 0.012 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

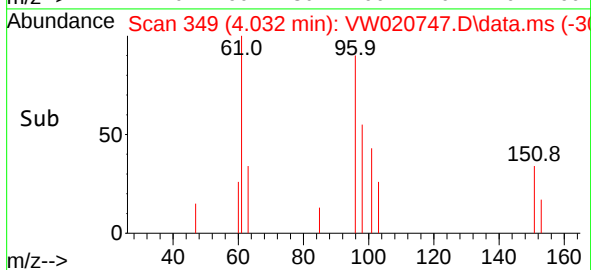
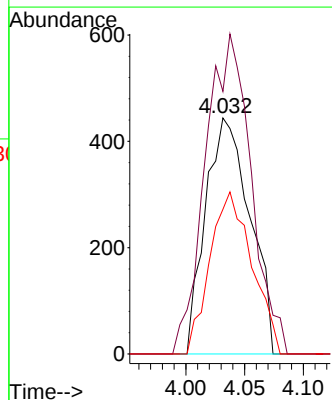
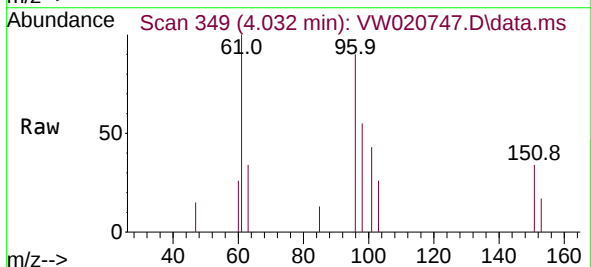
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

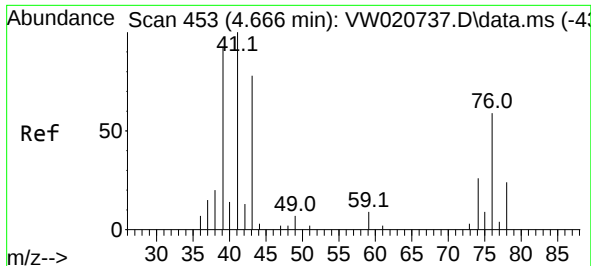
Tgt Ion: 59 Resp: 247
Ion Ratio Lower Upper
59 100
57 0.0 6.5 9.7#



#12
1,1-Dichloroethene
Concen: 4.103 ug/l
RT: 4.032 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 96 Resp: 1168
Ion Ratio Lower Upper
96 100
61 98.9 108.1 162.1#
98 61.3 55.4 83.2





#14

Allyl chloride

Concen: 4.038 ug/l

RT: 4.666 min Scan# 4

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

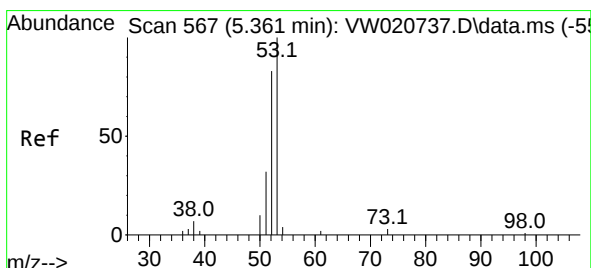
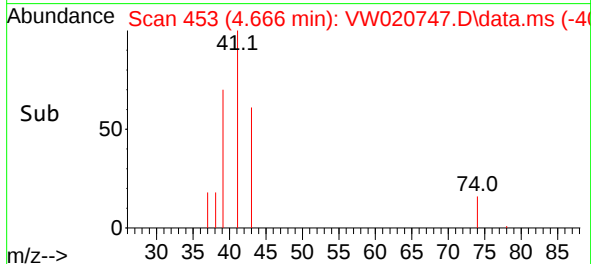
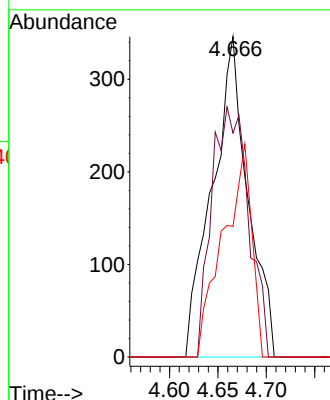
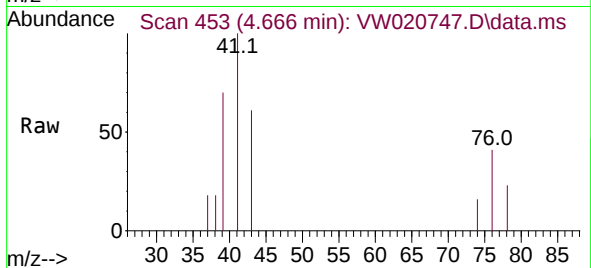
Tgt Ion: 41 Resp: 885

Ion Ratio Lower Upper

41 100

39 80.9 67.3 100.9

76 53.0 45.8 68.8



#15

Acrylonitrile

Concen: 19.816 ug/l

RT: 5.367 min Scan# 568

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

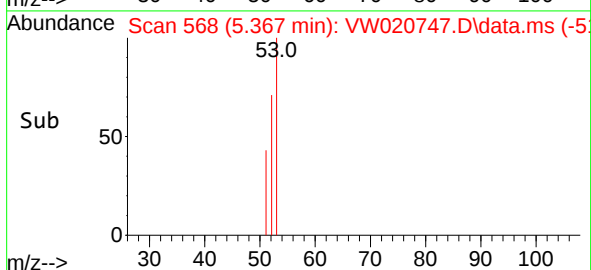
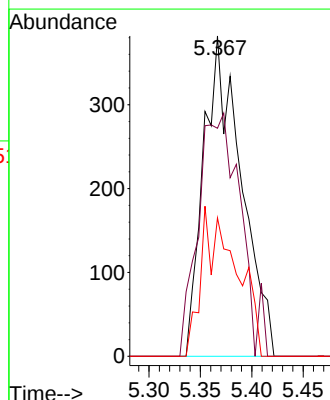
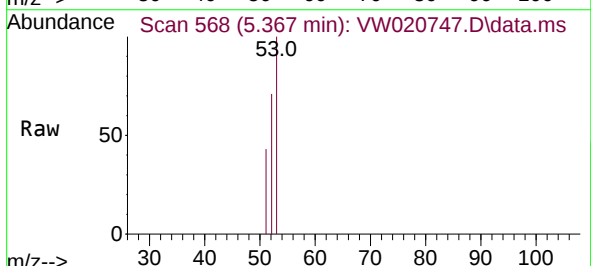
Tgt Ion: 53 Resp: 973

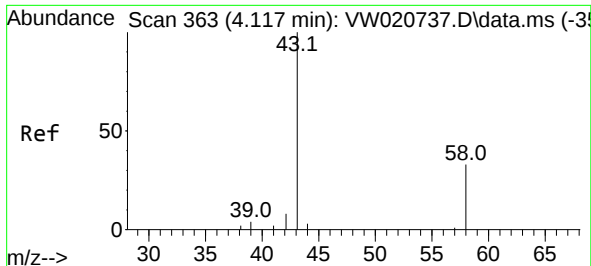
Ion Ratio Lower Upper

53 100

52 84.8 63.7 95.5

51 43.3 27.5 41.3#

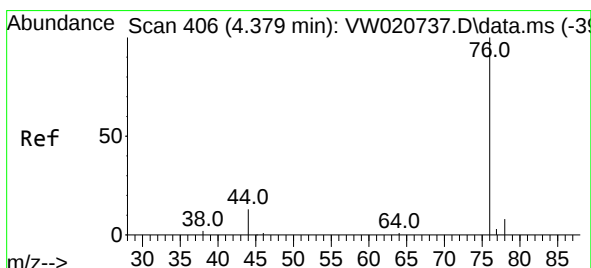
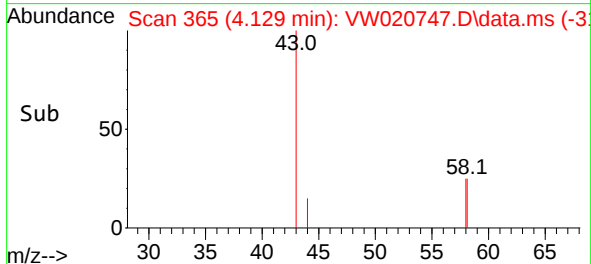
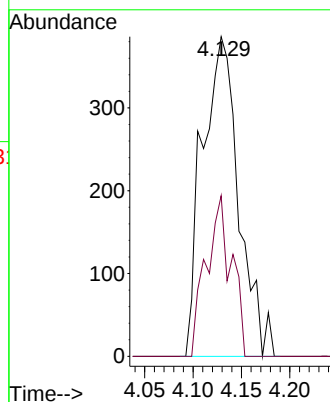
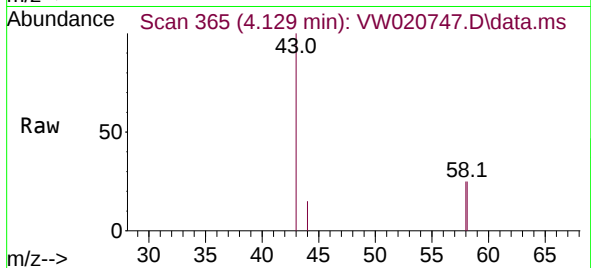




#16
Acetone
Concen: 21.952 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.012 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

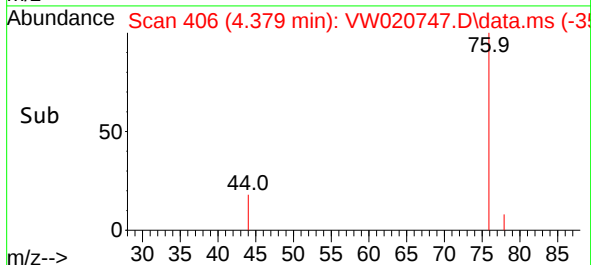
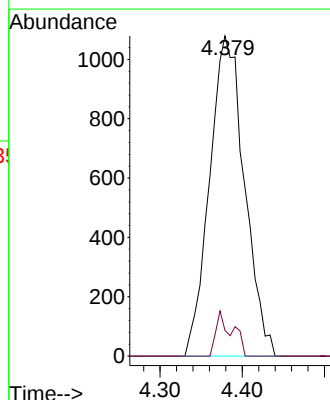
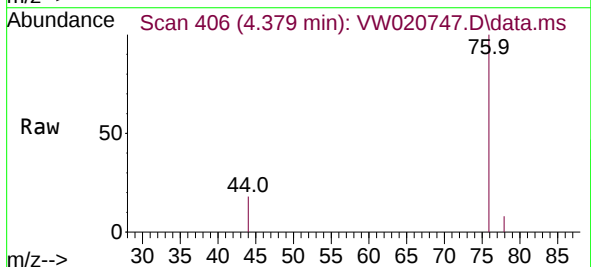
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

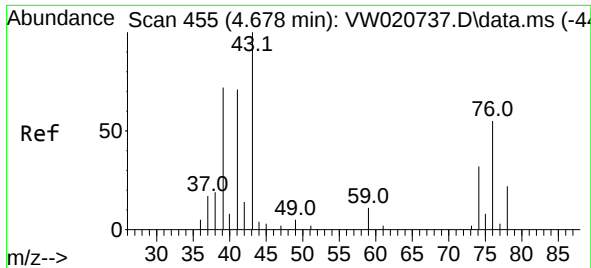
Tgt Ion: 43 Resp: 1008
Ion Ratio Lower Upper
43 100
58 50.3 27.8 41.6#



#17
Carbon Disulfide
Concen: 4.434 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 76 Resp: 3178
Ion Ratio Lower Upper
76 100
78 8.0 6.4 9.6

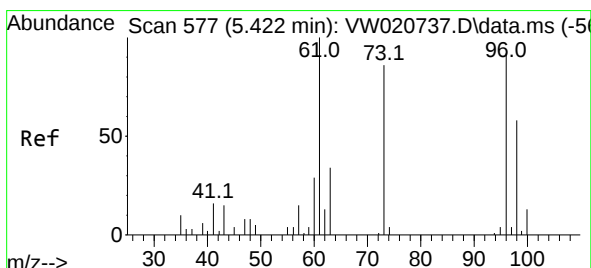
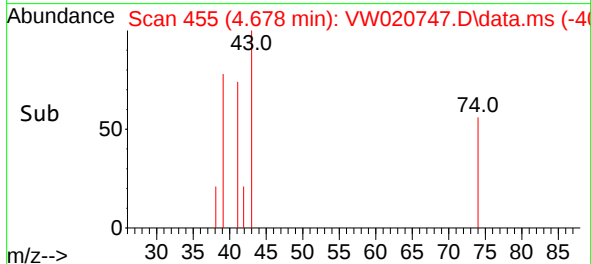
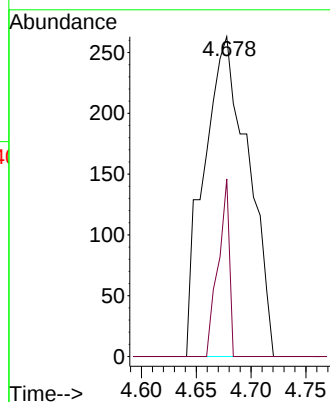
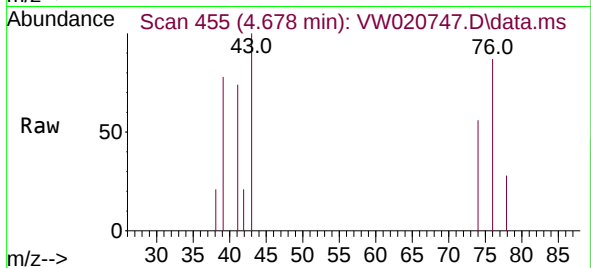




#18
Methyl Acetate
Concen: 4.641 ug/l
RT: 4.678 min Scan# 41
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

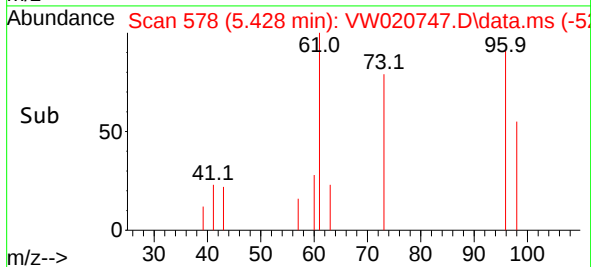
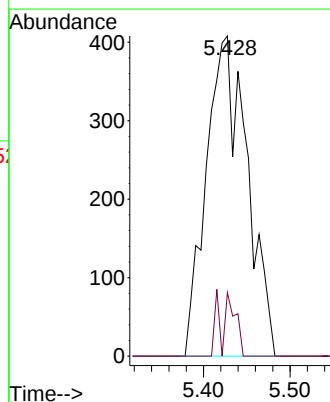
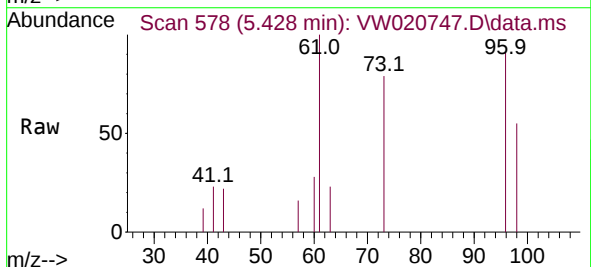
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

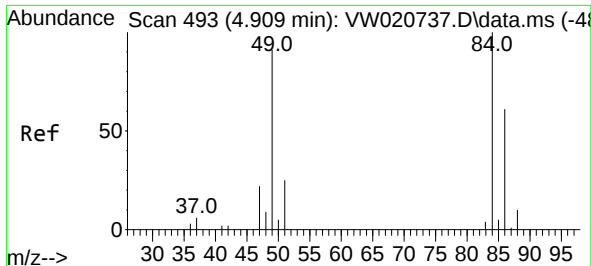
Tgt Ion: 43 Resp: 738
Ion Ratio Lower Upper
43 100
74 14.1 27.0 40.6#



#19
Methyl tert-butyl Ether
Concen: 4.092 ug/l
RT: 5.428 min Scan# 578
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 73 Resp: 1335
Ion Ratio Lower Upper
73 100
57 19.9 14.4 21.6





#20

Methylene Chloride

Concen: 14.528 ug/l

RT: 4.915 min Scan# 493

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 84 Resp: 5782

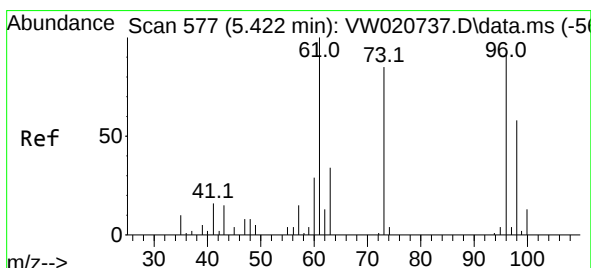
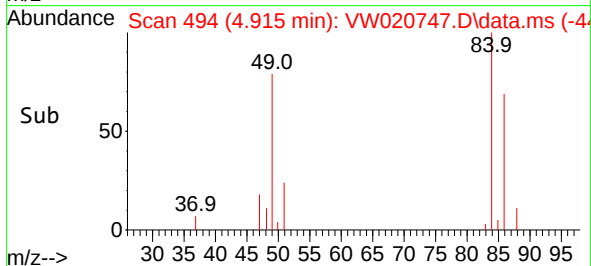
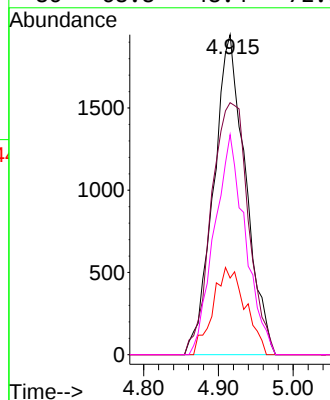
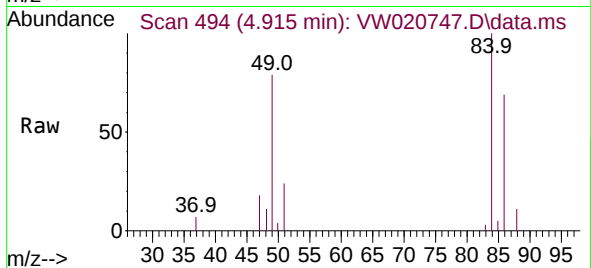
Ion Ratio Lower Upper

84 100

49 78.8 72.6 108.8

51 23.9 19.7 29.5

86 68.8 48.4 72.6



#21

trans-1,2-Dichloroethene

Concen: 4.032 ug/l

RT: 5.421 min Scan# 577

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

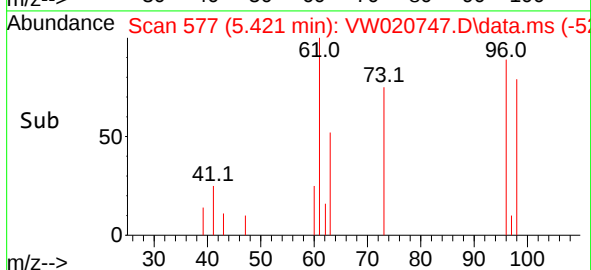
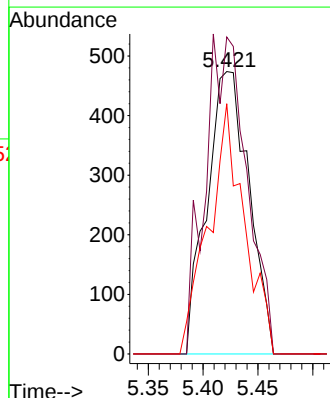
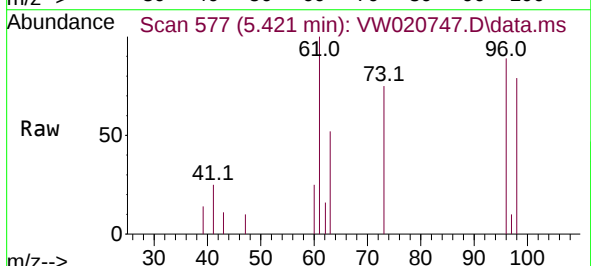
Tgt Ion: 96 Resp: 1268

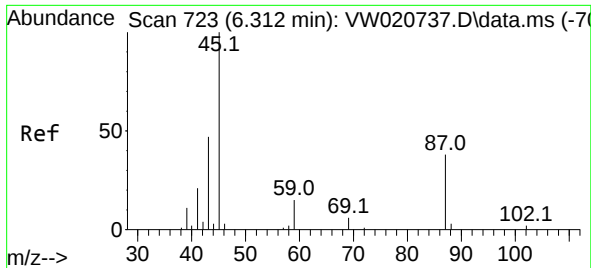
Ion Ratio Lower Upper

96 100

61 112.2 87.2 130.8

98 88.6 50.9 76.3#

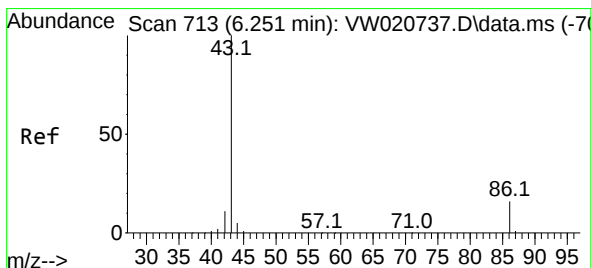
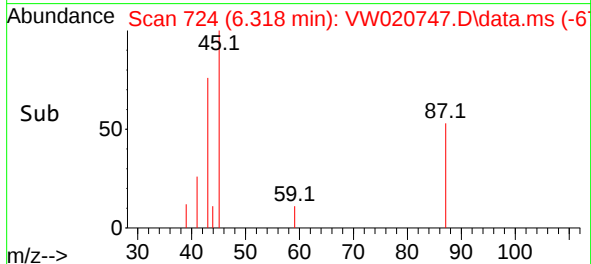
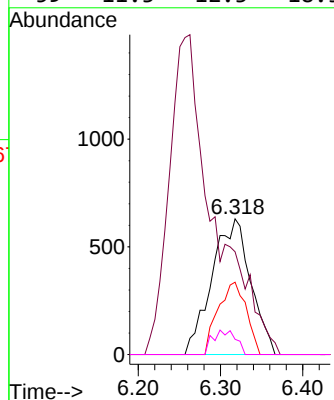
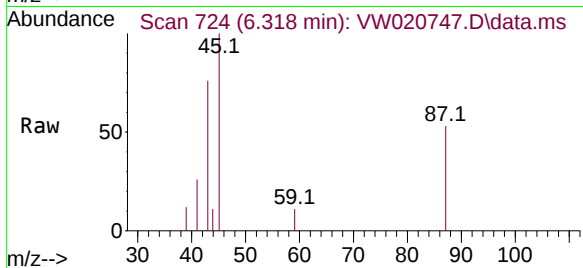




#22
Diisopropyl ether
Concen: 3.687 ug/l
RT: 6.318 min Scan# 715
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

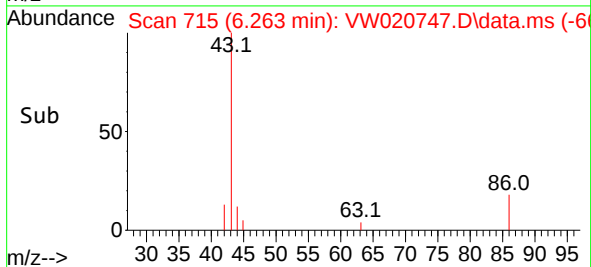
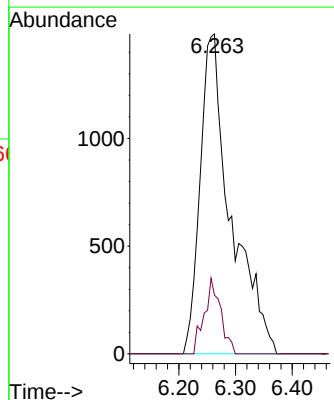
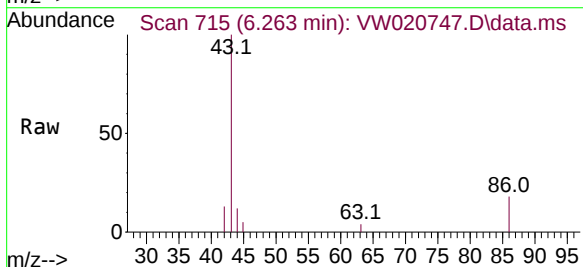
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

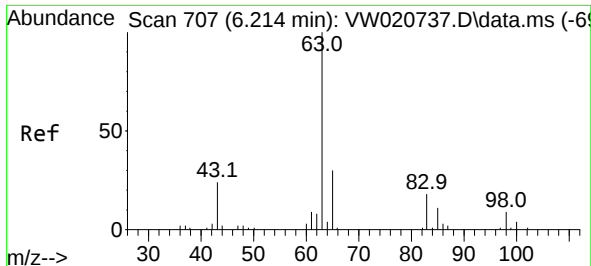
Tgt Ion:	45	Resp:	2063
Ion	Ratio	Lower	Upper
45	100		
43	75.7	44.3	66.5#
87	53.3	31.4	47.0#
59	11.3	12.3	18.5#



#23
Vinyl Acetate
Concen: 18.134 ug/l
RT: 6.263 min Scan# 715
Delta R.T. 0.012 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:	43	Resp:	5605
Ion	Ratio	Lower	Upper
43	100		
86	18.4	13.0	19.4

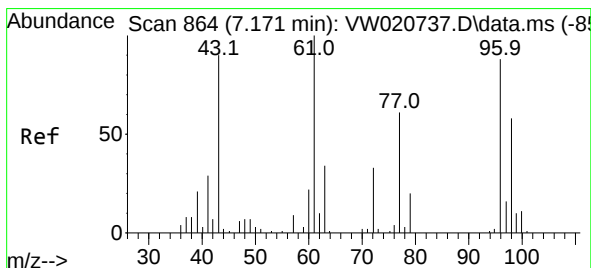
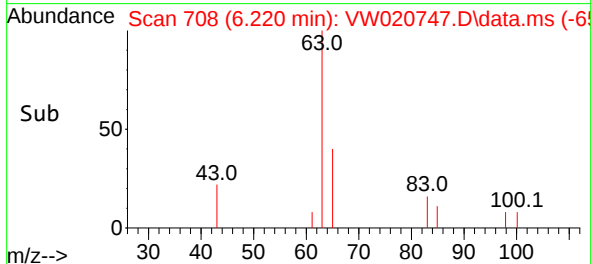
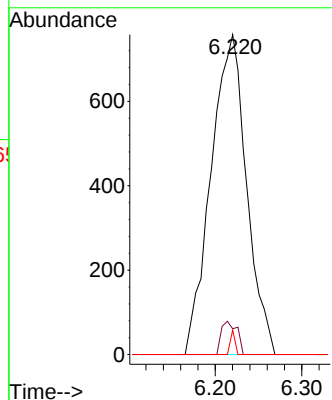
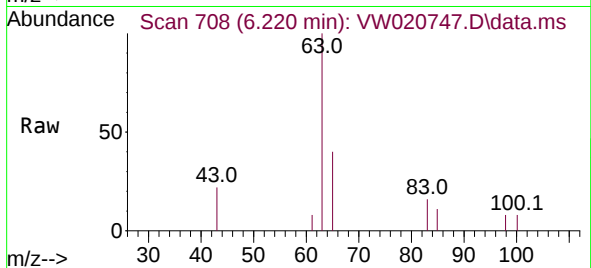




#24
1,1-Dichloroethane
Concen: 4.491 ug/l
RT: 6.220 min Scan# 707
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

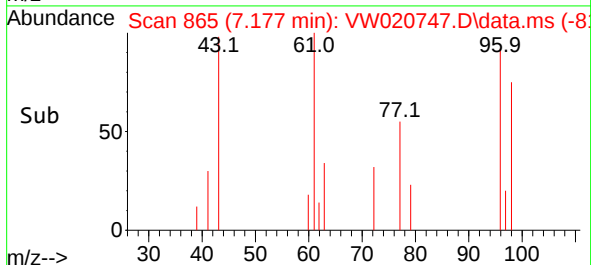
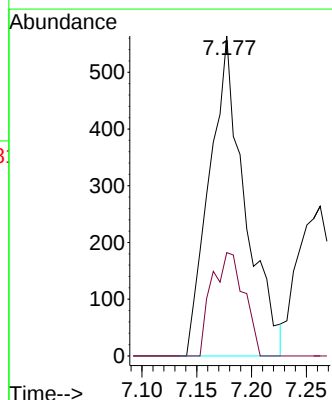
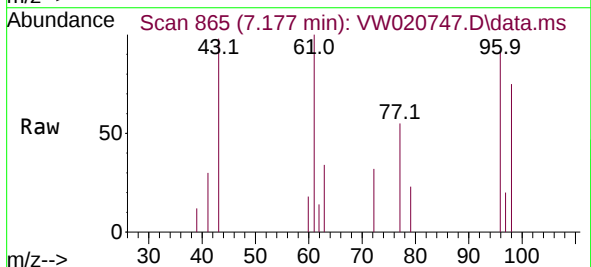
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

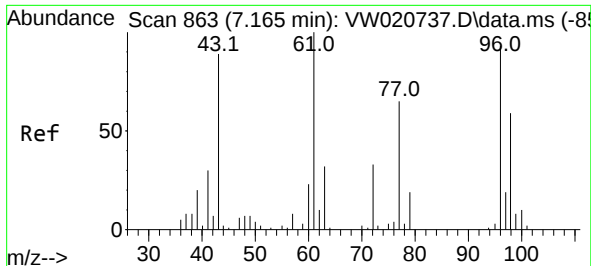
Tgt Ion: 63 Resp: 2164
Ion Ratio Lower Upper
63 100
98 8.0 4.4 13.2
100 7.7 2.1 6.2#



#25
2-Butanone
Concen: 21.556 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 43 Resp: 1267
Ion Ratio Lower Upper
43 100
72 32.3 29.3 43.9

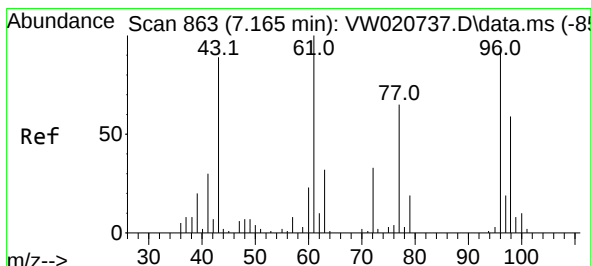
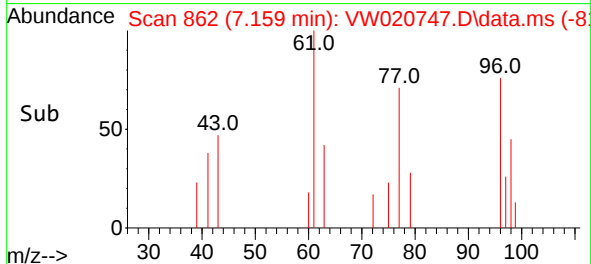
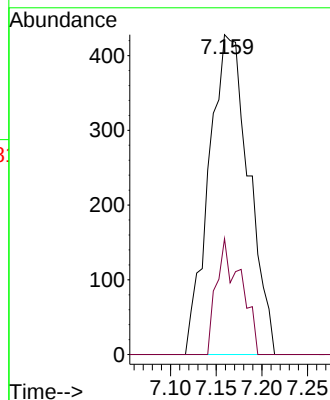
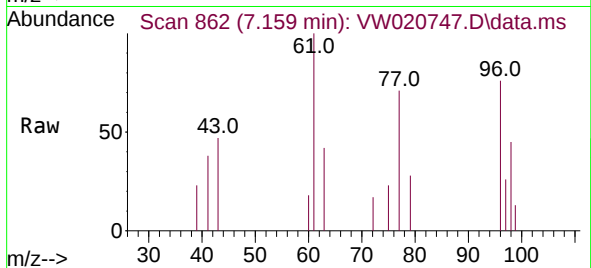




#26
2,2-Dichloropropane
Concen: 4.482 ug/l
RT: 7.159 min Scan# 862
Delta R.T. -0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

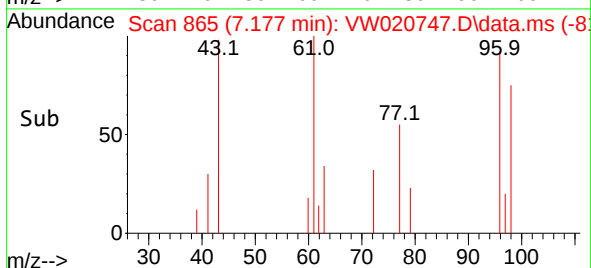
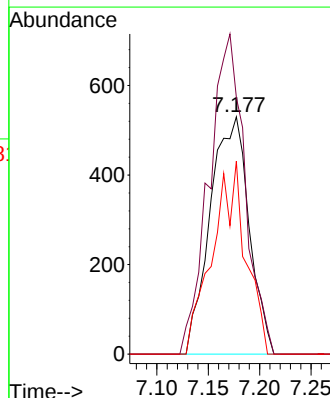
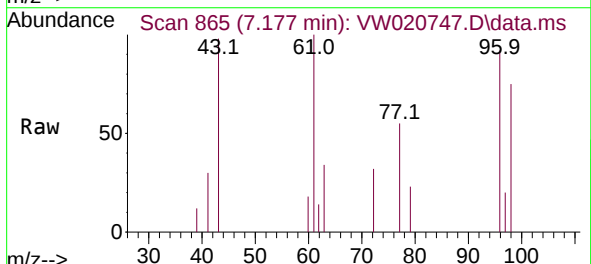
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

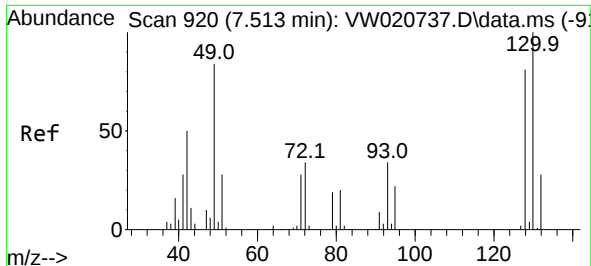
Tgt Ion: 77 Resp: 1294
Ion Ratio Lower Upper
77 100
97 22.3 13.5 40.5



#27
cis-1,2-Dichloroethene
Concen: 4.032 ug/l
RT: 7.177 min Scan# 865
Delta R.T. 0.012 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 96 Resp: 1391
Ion Ratio Lower Upper
96 100
61 124.7 0.0 234.8
98 69.9 0.0 135.4





#28

Bromochloromethane

Concen: 4.680 ug/l

RT: 7.513 min Scan# 901

Delta R.T. -0.000 min

Lab File: VW020747.D

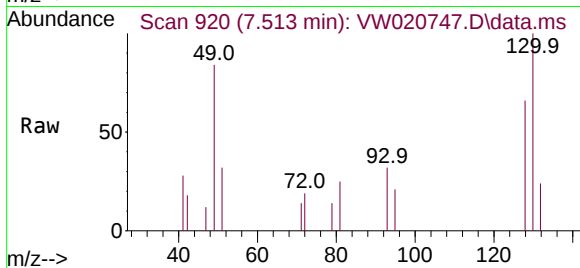
Acq: 02 Nov 2021 19:40

Instrument :

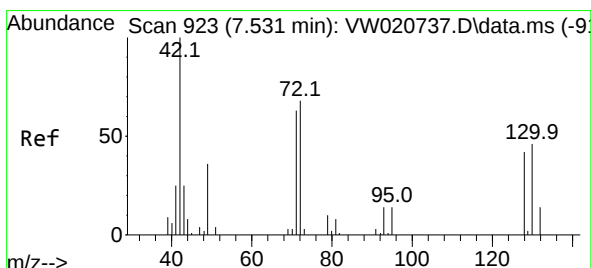
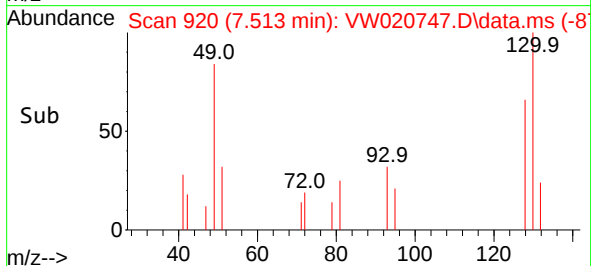
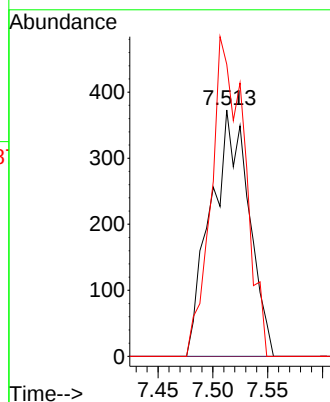
MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:	49	Resp:	901
Ion Ratio	Lower	Upper	
49	100		
129	0.0	0.0	7.6
130	113.1	88.2	132.2



#29

Tetrahydrofuran

Concen: 16.865 ug/l

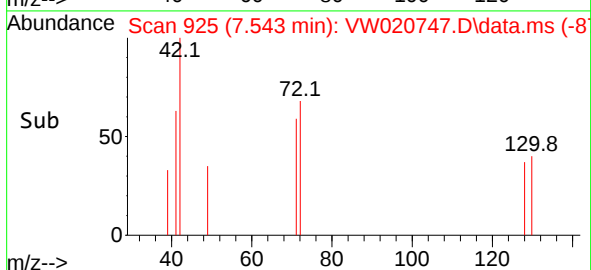
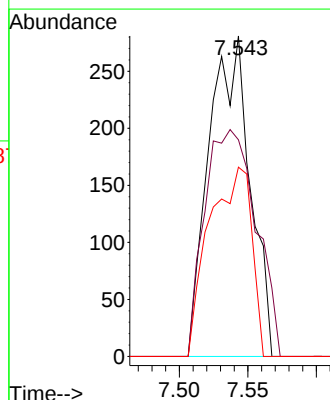
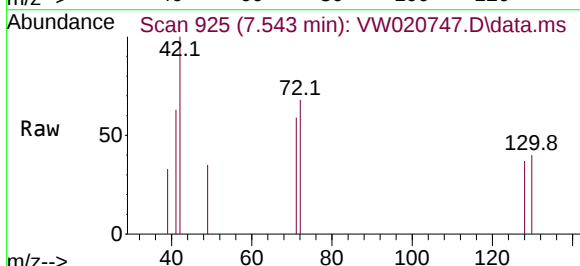
RT: 7.543 min Scan# 925

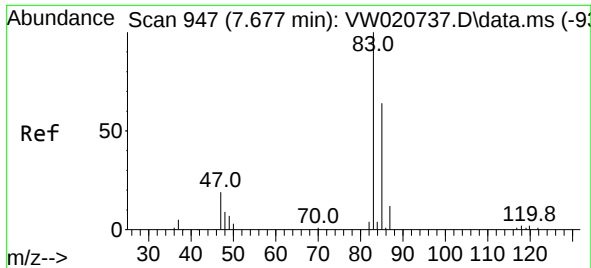
Delta R.T. 0.012 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Tgt Ion:	42	Resp:	585
Ion Ratio	Lower	Upper	
42	100		
72	88.4	53.0	79.4
71	61.0	49.4	74.2

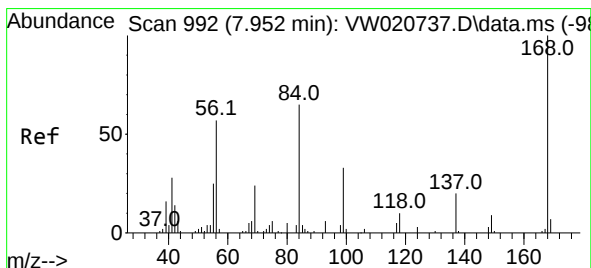
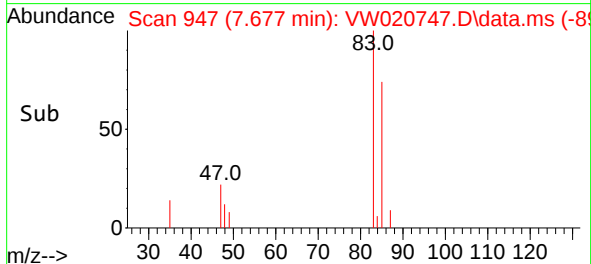
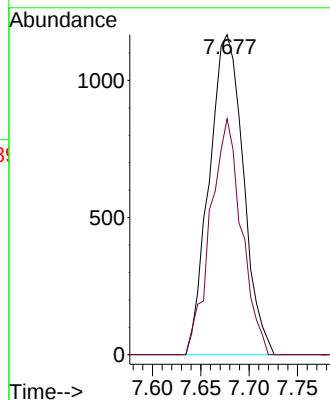
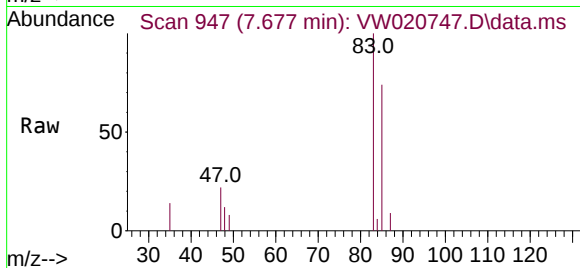




#30
Chloroform
Concen: 4.784 ug/l
RT: 7.677 min Scan# 947
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

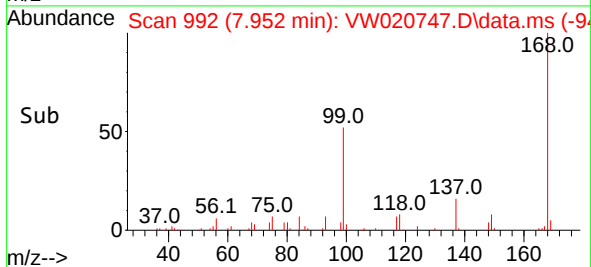
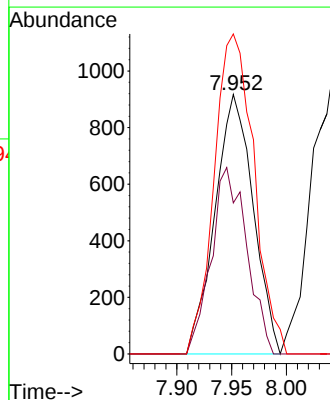
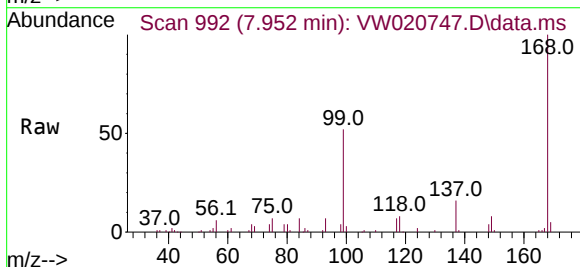
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

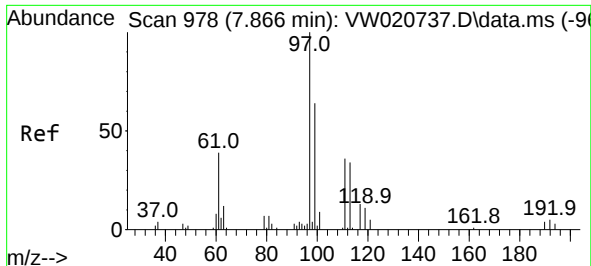
Tgt Ion: 83 Resp: 2865
Ion Ratio Lower Upper
83 100
85 73.7 51.2 76.8



#31
Cyclohexane
Concen: 5.235 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 56 Resp: 2223
Ion Ratio Lower Upper
56 100
69 58.2 34.2 51.2#
84 123.3 92.3 138.5

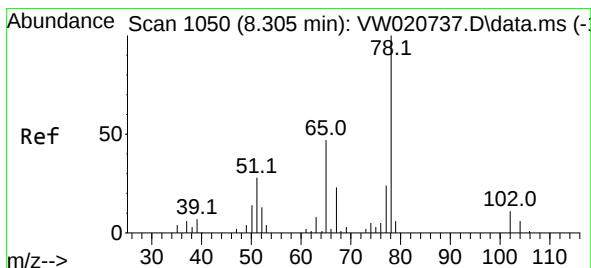
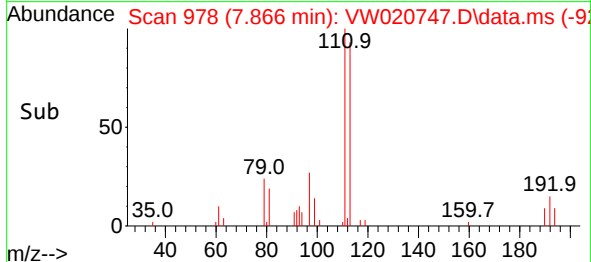
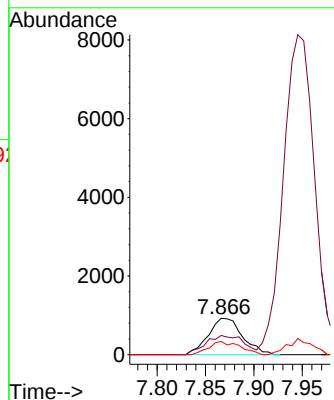
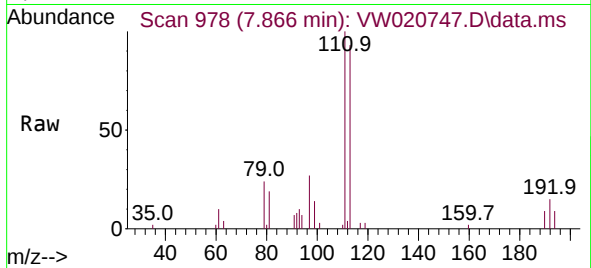




#32
1,1,1-Trichloroethane
Concen: 4.757 ug/l
RT: 7.866 min Scan# 91
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

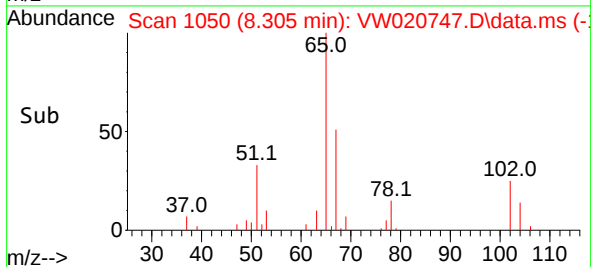
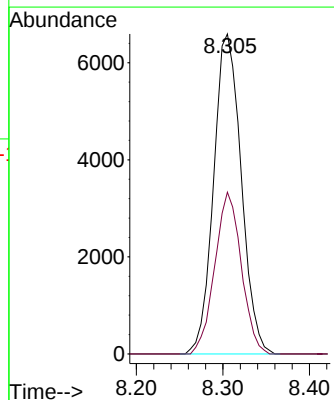
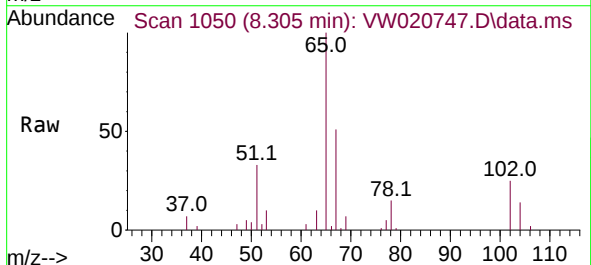
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

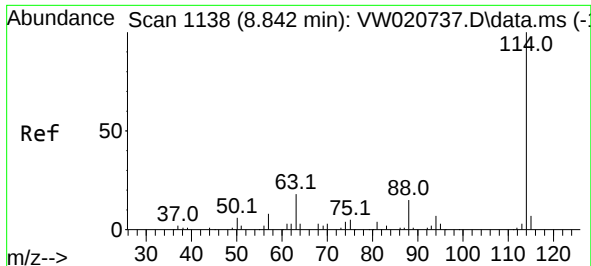
Tgt Ion: 97 Resp: 2268
Ion Ratio Lower Upper
97 100
99 59.0 52.1 78.1
61 33.4 30.2 45.2



#33
1,2-Dichloroethane-d4
Concen: 46.248 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. 0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 65 Resp: 14577
Ion Ratio Lower Upper
65 100
67 48.6 0.0 100.8

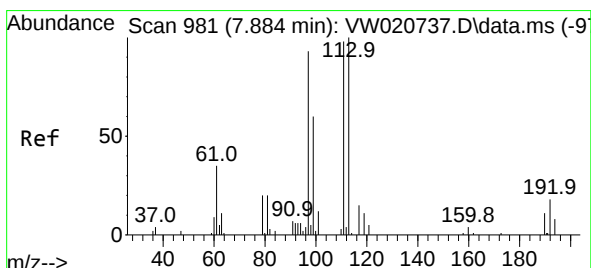
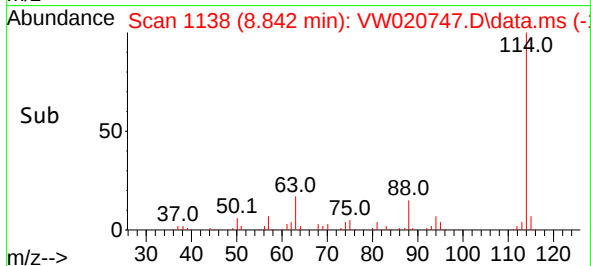
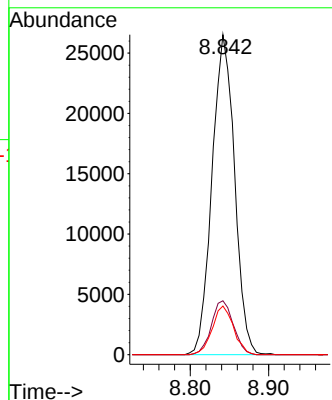
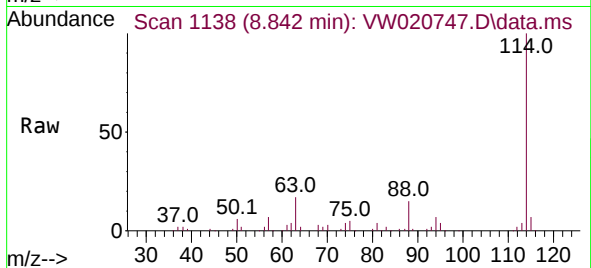




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.842 min Scan# 1138
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

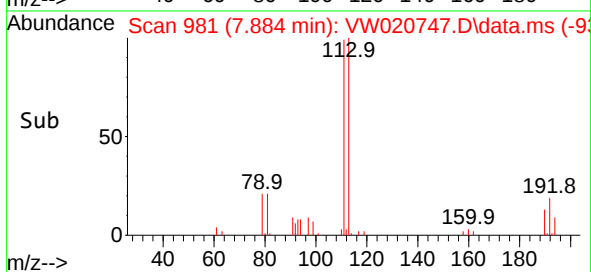
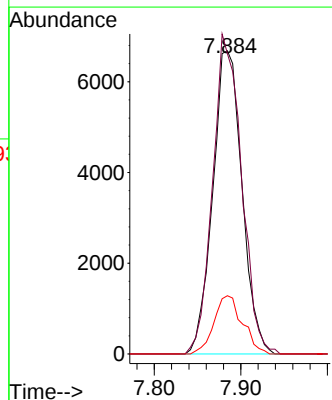
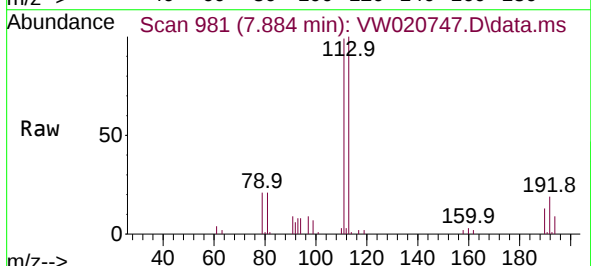
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

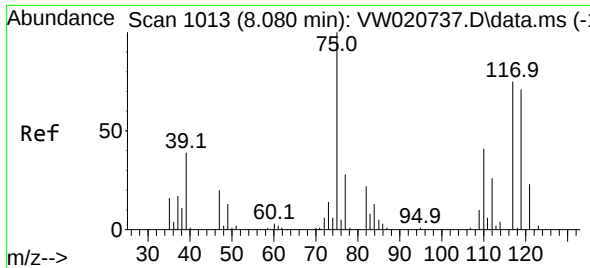
Tgt Ion:114	Resp:	52945
Ion Ratio	Lower	Upper
114	100	
63	16.9	0.0 35.8
88	15.2	0.0 30.8



#35
Dibromofluoromethane
Concen: 46.676 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:113	Resp:	15706
Ion Ratio	Lower	Upper
113	100	
111	103.8	81.7 122.5
192	18.7	14.7 22.1

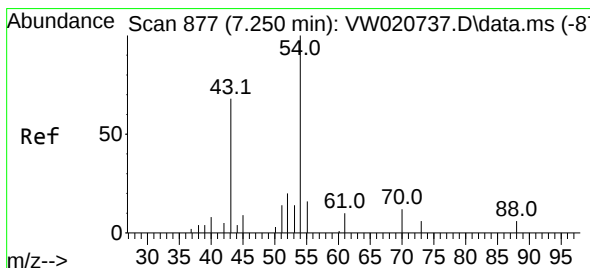
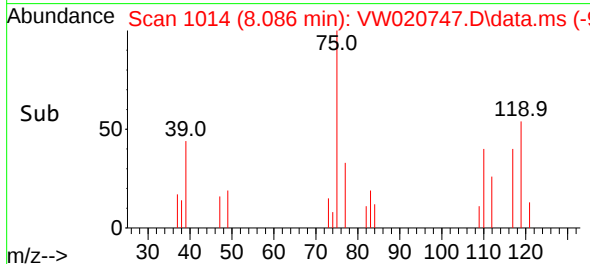
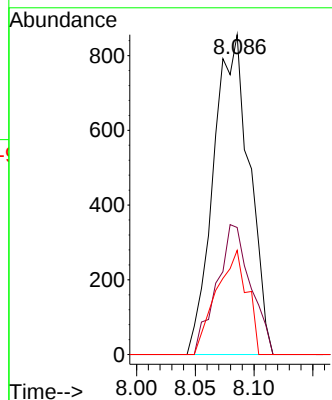
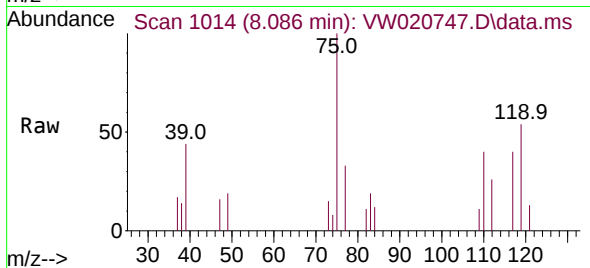




#36
 1,1-Dichloropropene
 Concen: 4.276 ug/l
 RT: 8.086 min Scan# 110
 Delta R.T. 0.006 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

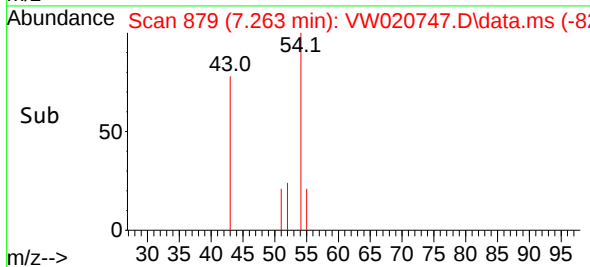
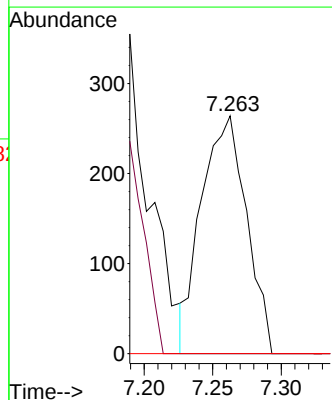
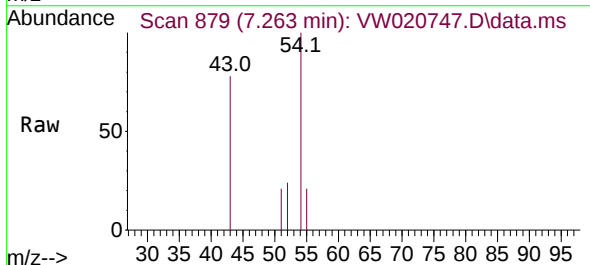
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

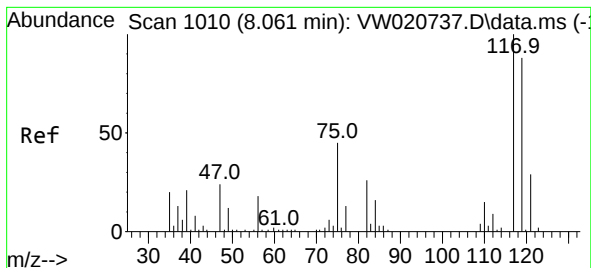
Tgt Ion:	75	Resp:	1822
Ion	Ratio	Lower	Upper
75	100		
110	38.3	20.3	60.8
77	27.9	24.2	36.4



#37
 Ethyl Acetate
 Concen: 4.503 ug/l
 RT: 7.263 min Scan# 879
 Delta R.T. 0.012 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

Tgt Ion:	43	Resp:	603
Ion	Ratio	Lower	Upper
43	100		
61	0.0	13.4	20.0#
70	0.0	11.4	17.0#





#38

Carbon Tetrachloride

Concen: 4.257 ug/l

RT: 8.073 min Scan# 1010

Delta R.T. 0.012 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

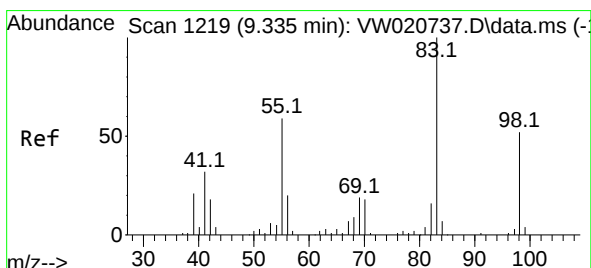
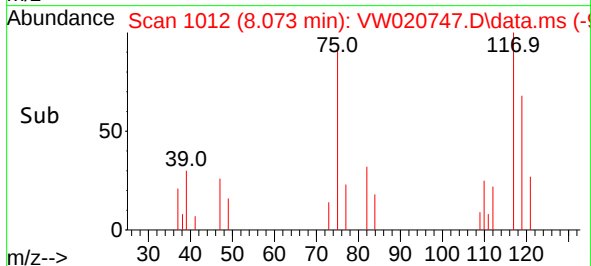
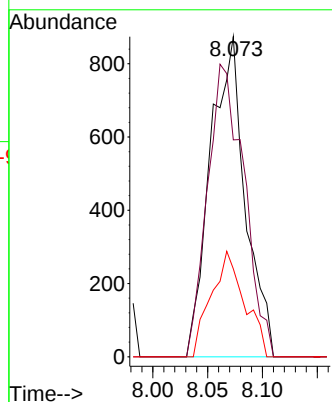
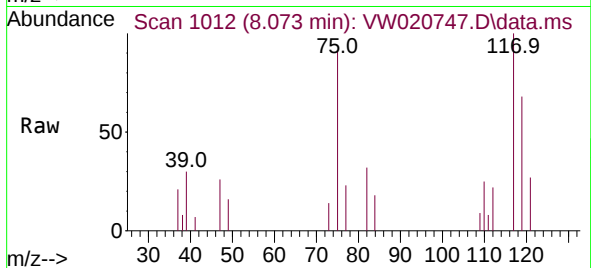
Tgt Ion: 117 Resp: 1942

Ion Ratio Lower Upper

117 100

119 67.7 70.6 106.0#

121 27.5 23.3 34.9



#39

Methylcyclohexane

Concen: 3.990 ug/l

RT: 9.335 min Scan# 1219

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

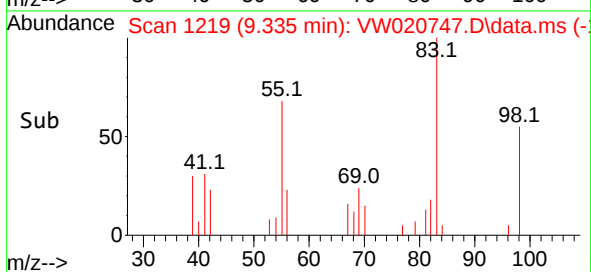
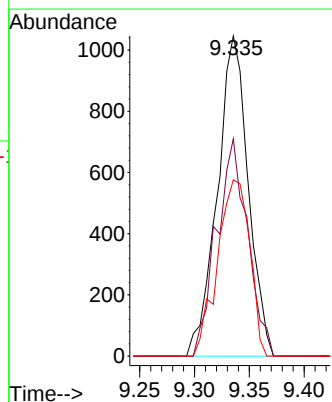
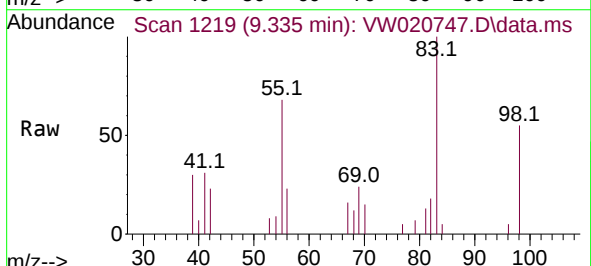
Tgt Ion: 83 Resp: 2051

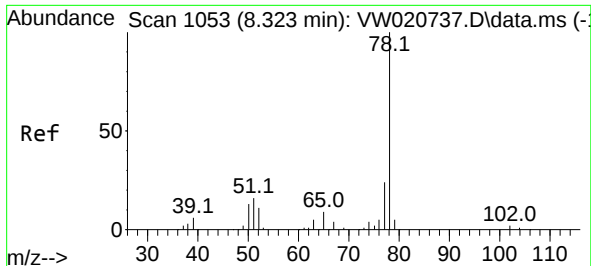
Ion Ratio Lower Upper

83 100

55 67.9 47.4 71.0

98 55.1 41.8 62.6





#40

Benzene

Concen: 5.636 ug/l

RT: 8.323 min Scan# 1053

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

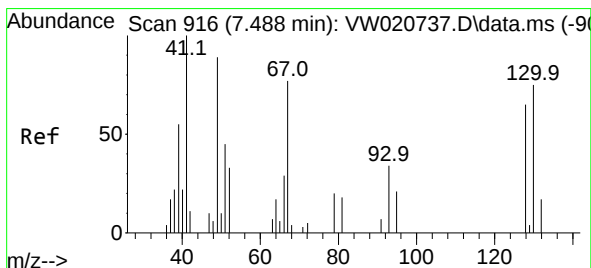
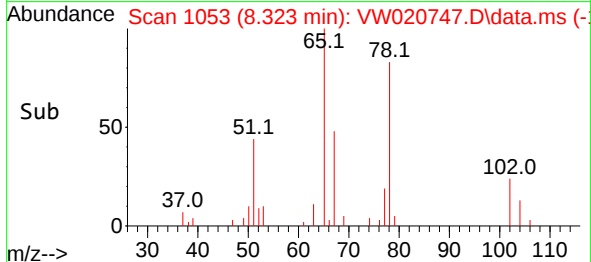
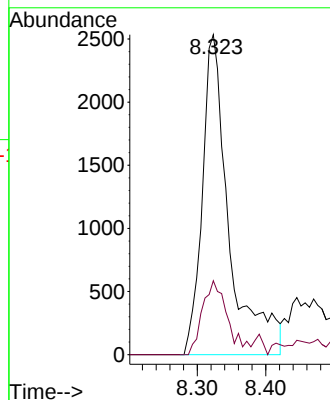
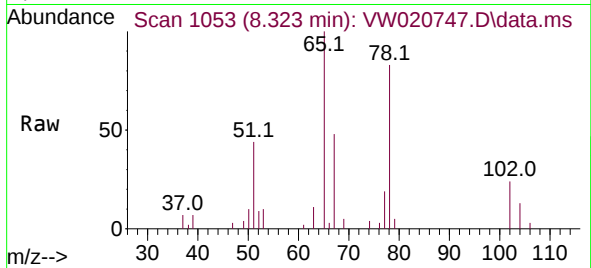
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 78 Resp: 6919

Ion Ratio Lower Upper

78 100

77 23.1 19.0 28.4



#41

Methacrylonitrile

Concen: 3.772 ug/l

RT: 7.482 min Scan# 915

Delta R.T. -0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Tgt Ion: 41 Resp: 249

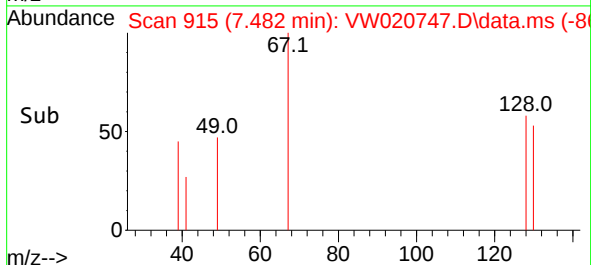
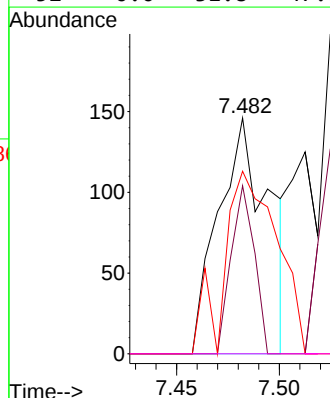
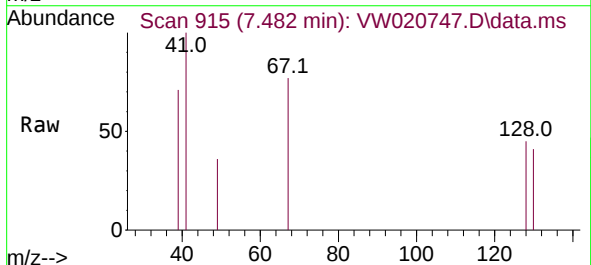
Ion Ratio Lower Upper

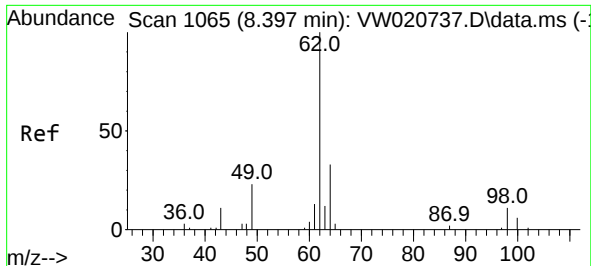
41 100

39 32.9 51.6 77.4#

67 81.9 81.0 121.4

52 0.0 31.8 47.8#





#42

1,2-Dichloroethane

Concen: 5.221 ug/l

RT: 8.403 min Scan# 1066

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

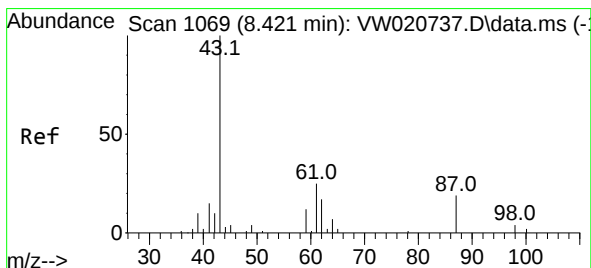
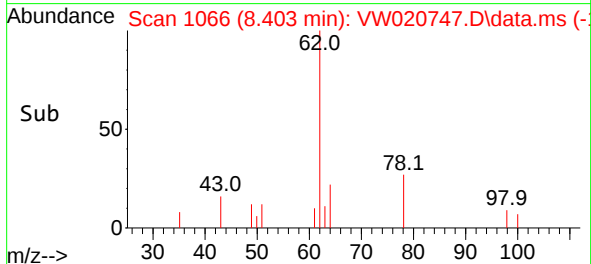
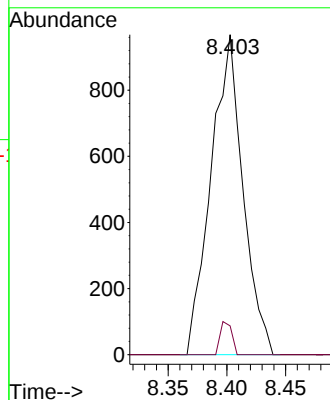
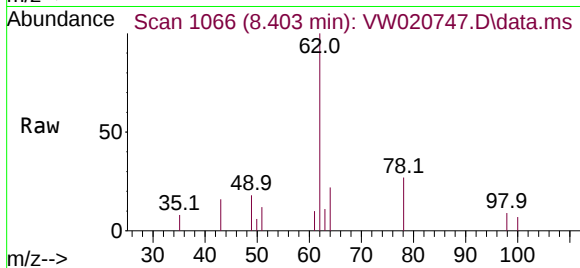
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion: 62 Resp: 1831

Ion Ratio Lower Upper

62 100

98 3.7 0.0 21.6



#43

Isopropyl Acetate

Concen: 3.801 ug/l

RT: 8.427 min Scan# 1070

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

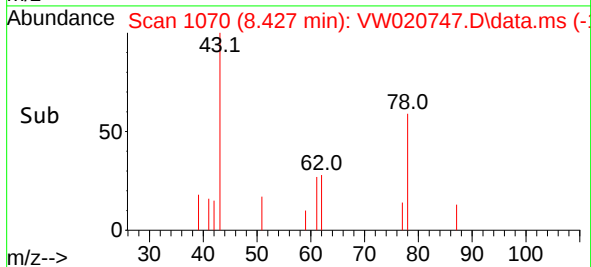
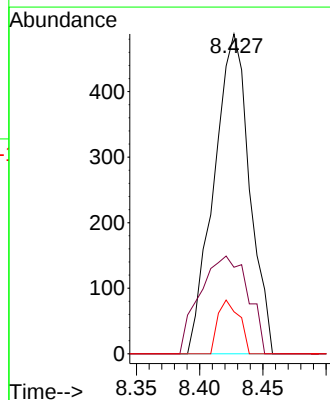
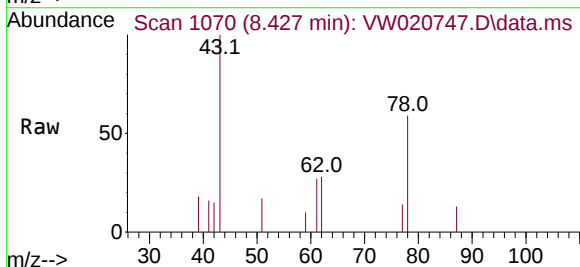
Tgt Ion: 43 Resp: 958

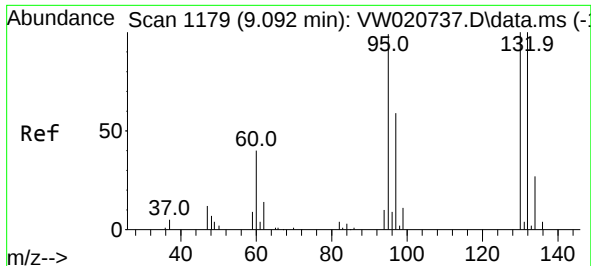
Ion Ratio Lower Upper

43 100

61 41.0 30.0 45.0

87 10.0 15.0 22.4#





#44

Trichloroethene

Concen: 4.397 ug/l

RT: 9.092 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

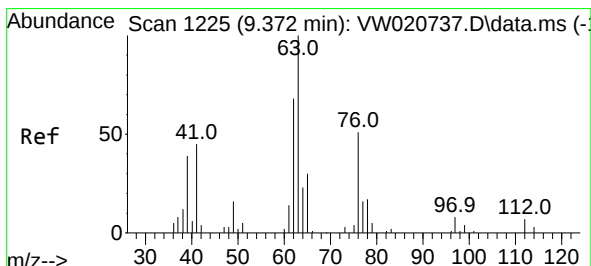
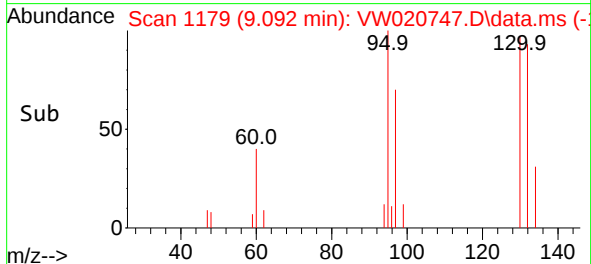
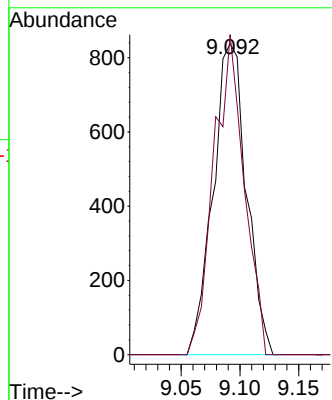
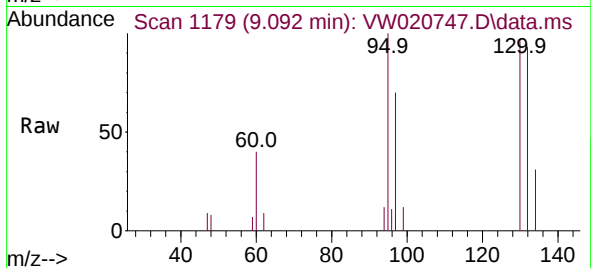
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:130 Resp: 1656

Ion Ratio Lower Upper

130 100

95 102.9 0.0 198.6



#45

1,2-Dichloropropane

Concen: 4.187 ug/l

RT: 9.366 min Scan# 1224

Delta R.T. -0.006 min

Lab File: VW020747.D

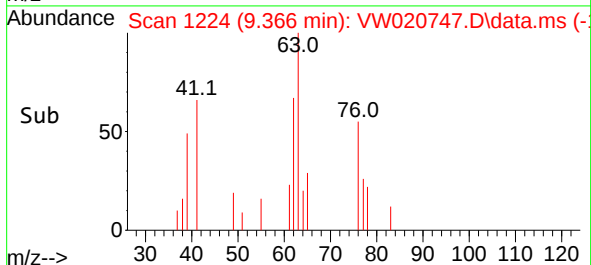
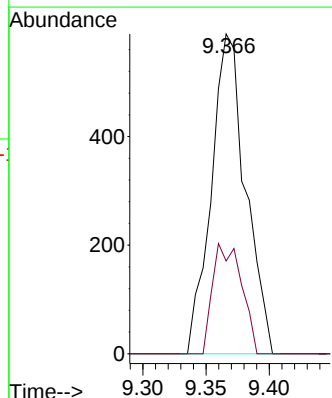
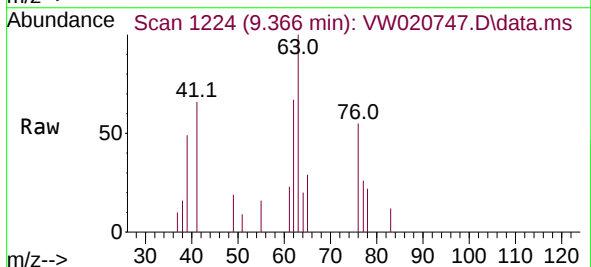
Acq: 02 Nov 2021 19:40

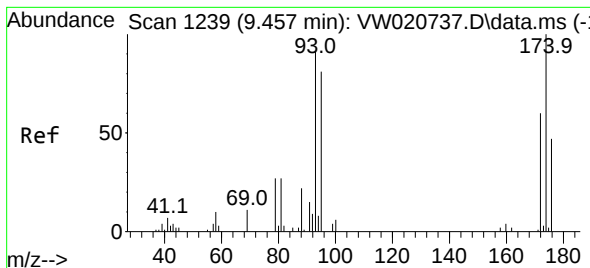
Tgt Ion: 63 Resp: 1112

Ion Ratio Lower Upper

63 100

65 29.0 24.2 36.2





#46

Dibromomethane

Concen: 4.750 ug/l

RT: 9.463 min Scan# 1240

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

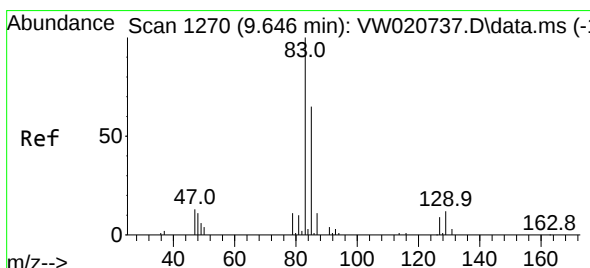
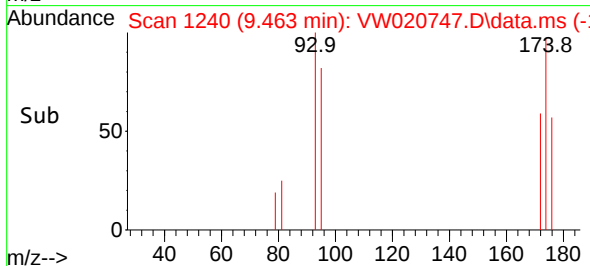
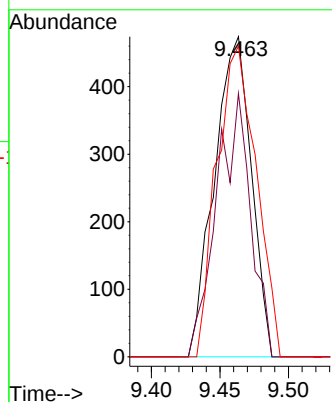
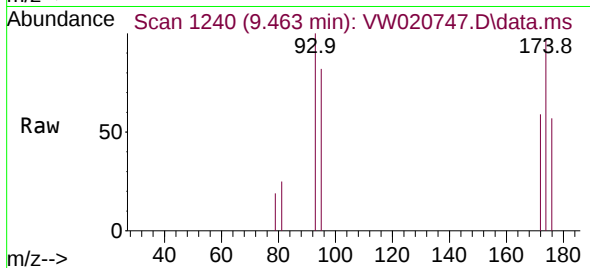
Tgt Ion: 93 Resp: 890

Ion Ratio Lower Upper

93 100

95 75.8 68.6 103.0

174 103.6 87.8 131.8



#47

Bromodichloromethane

Concen: 4.454 ug/l

RT: 9.646 min Scan# 1270

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

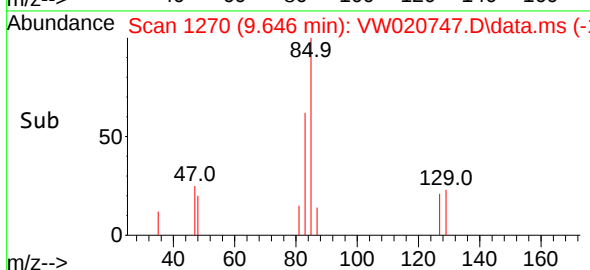
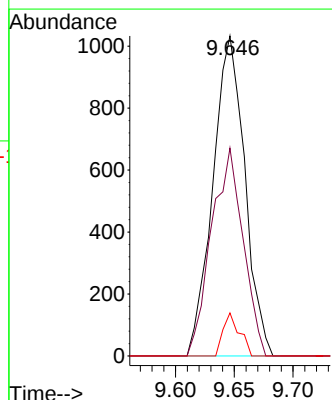
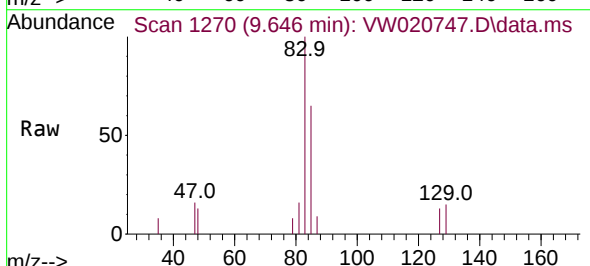
Tgt Ion: 83 Resp: 1952

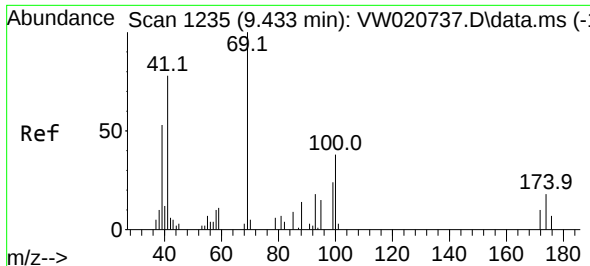
Ion Ratio Lower Upper

83 100

85 65.0 51.9 77.9

127 13.5 7.6 11.4#

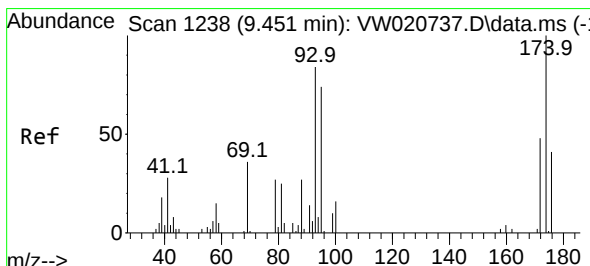
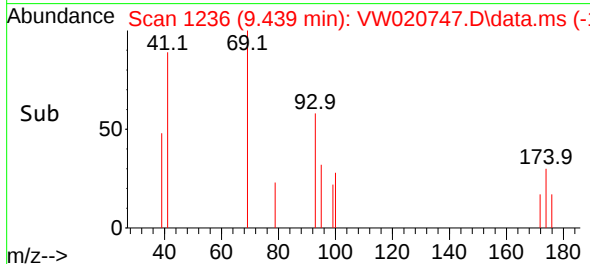
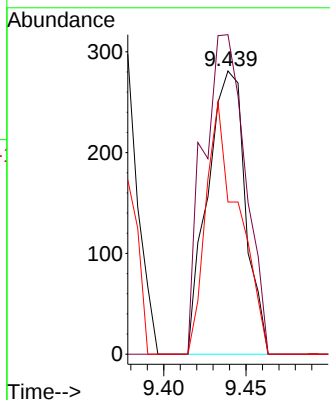
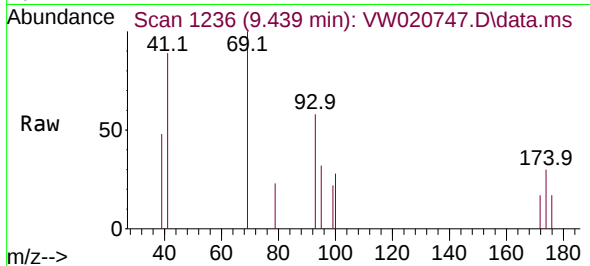




#48
Methyl methacrylate
Concen: 3.918 ug/l
RT: 9.439 min Scan# 1235
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

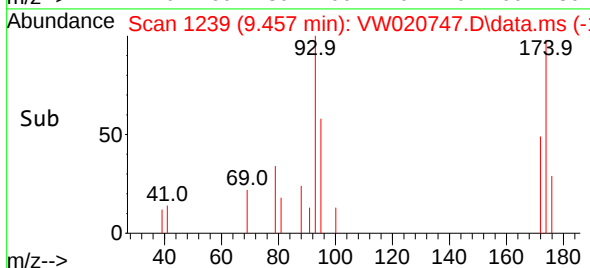
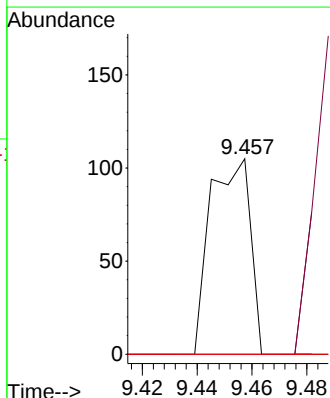
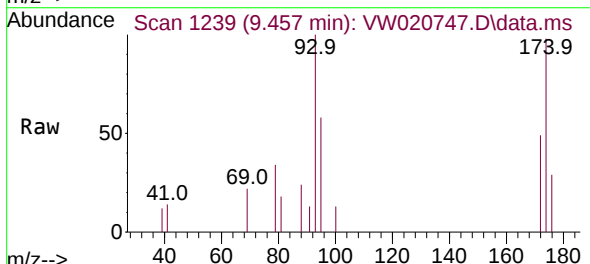
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

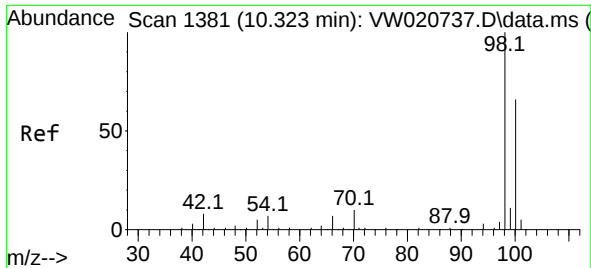
Tgt Ion: 41 Resp: 449
Ion Ratio Lower Upper
41 100
69 125.4 96.4 144.6
39 76.8 51.9 77.9



#49
1,4-Dioxane
Concen: 47.031 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 88 Resp: 106
Ion Ratio Lower Upper
88 100
43 0.0 19.0 28.6#
58 0.0 46.2 69.4#

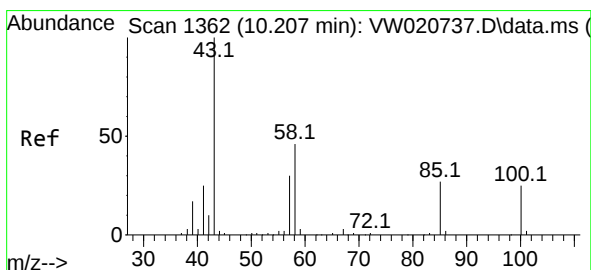
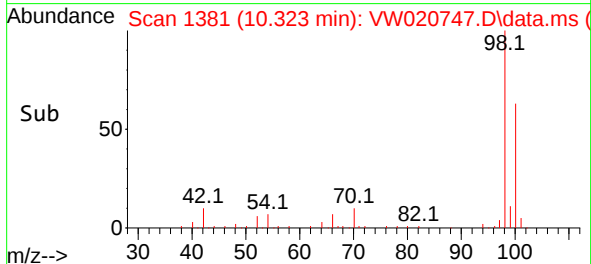
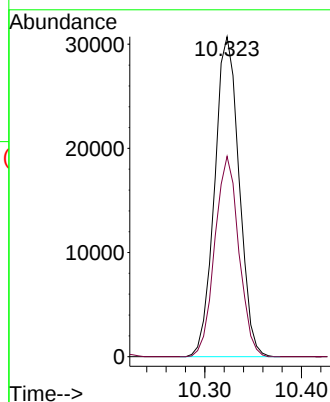
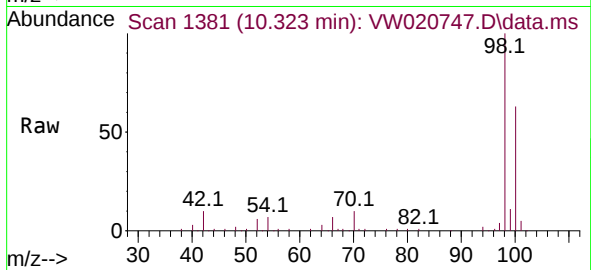




#50
Toluene-d8
Concen: 46.063 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

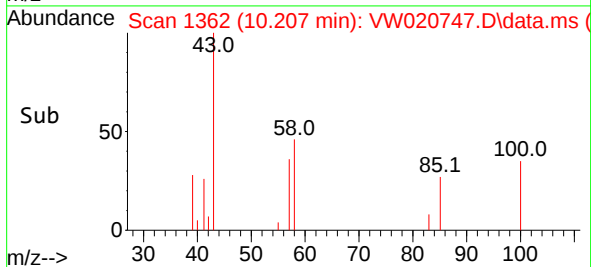
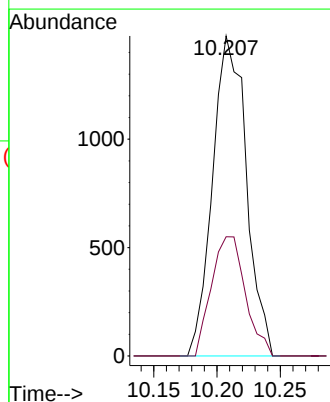
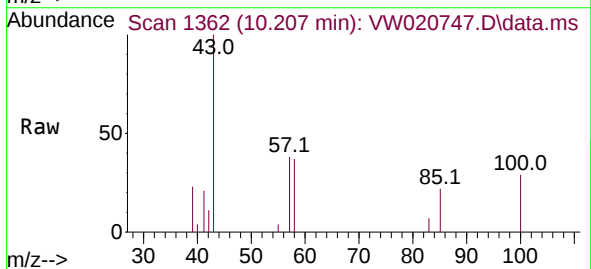
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

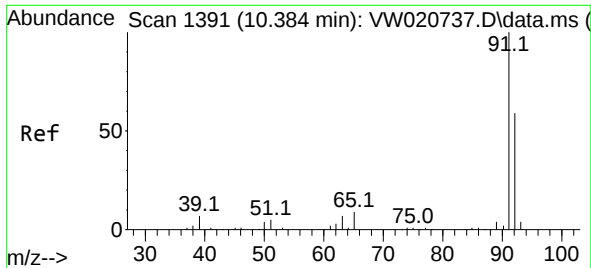
Tgt Ion: 98 Resp: 53981
Ion Ratio Lower Upper
98 100
100 61.4 50.2 75.4



#51
4-Methyl-2-Pentanone
Concen: 20.215 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. 0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 43 Resp: 2738
Ion Ratio Lower Upper
43 100
58 37.5 37.4 56.2

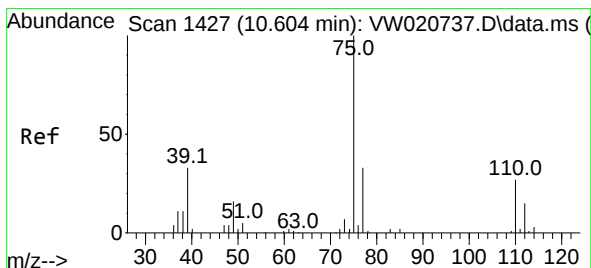
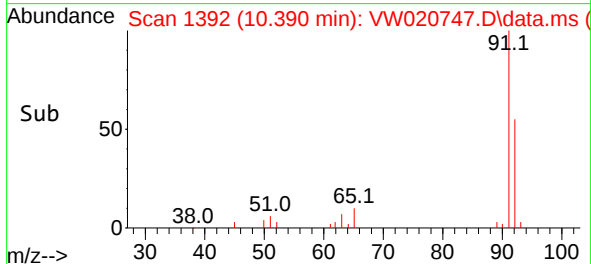
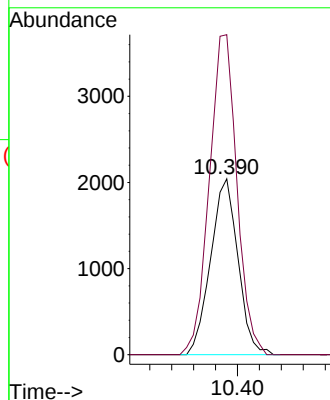
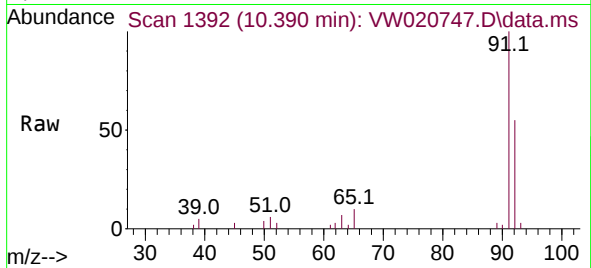




#52
Toluene
Concen: 4.443 ug/l
RT: 10.390 min Scan# 1391
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

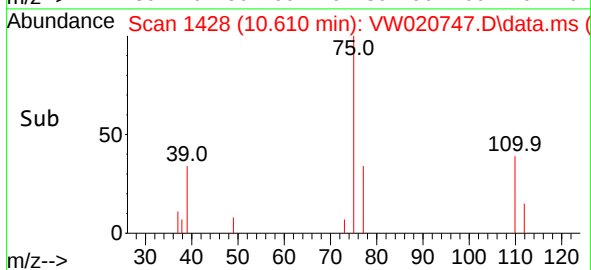
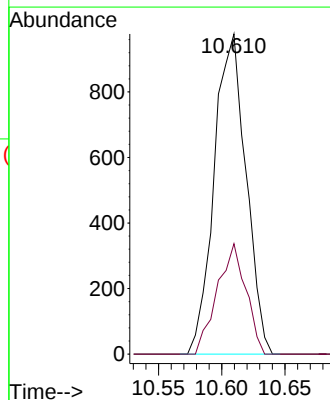
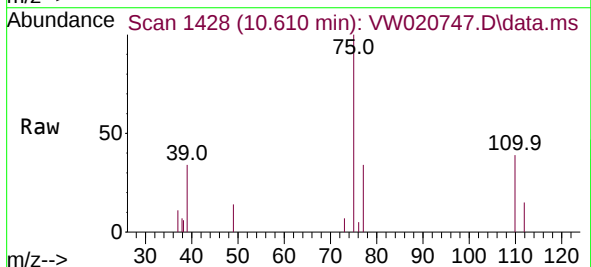
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

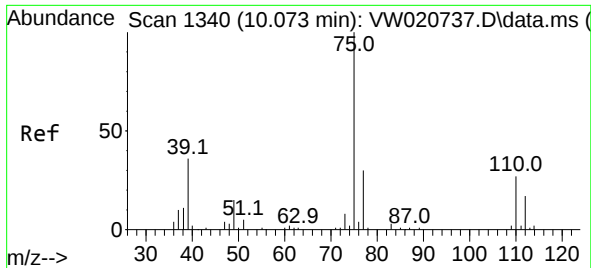
Tgt Ion: 92 Resp: 3541
Ion Ratio Lower Upper
92 100
91 183.4 144.3 216.5



#53
t-1,3-Dichloropropene
Concen: 4.240 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 75 Resp: 1707
Ion Ratio Lower Upper
75 100
77 34.5 26.1 39.1

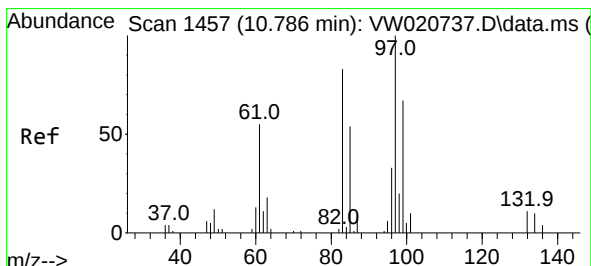
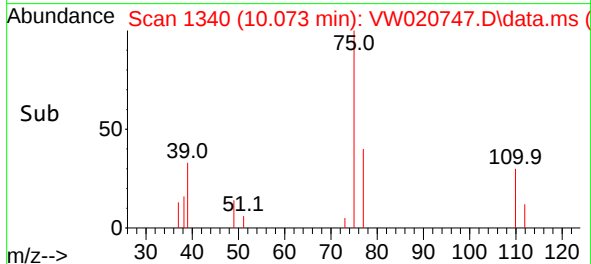
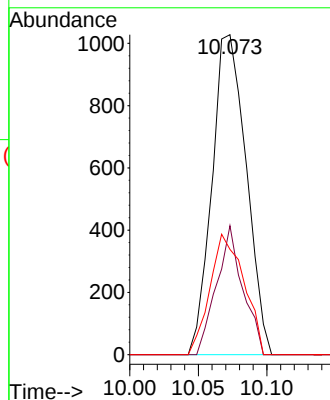
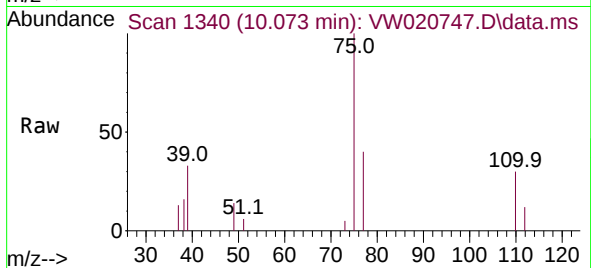




#54
 cis-1,3-Dichloropropene
 Concen: 3.895 ug/l
 RT: 10.073 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

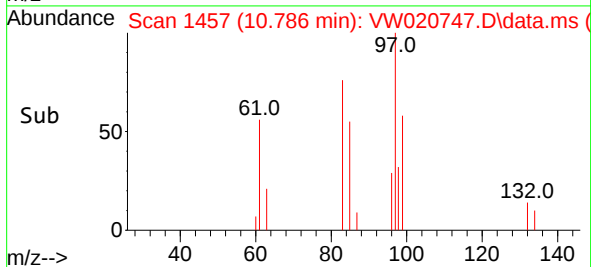
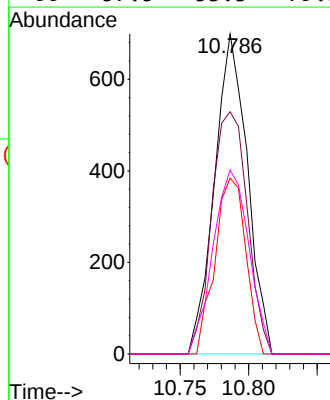
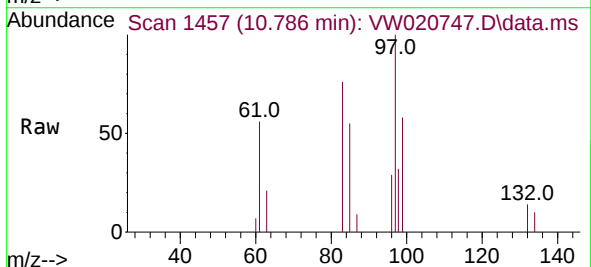
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

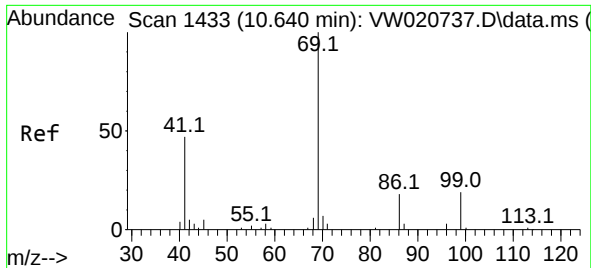
Tgt Ion: 75 Resp: 1786
 Ion Ratio Lower Upper
 75 100
 77 40.3 24.2 36.4#
 39 32.9 29.2 43.8



#55
 1,1,2-Trichloroethane
 Concen: 4.517 ug/l
 RT: 10.786 min Scan# 1457
 Delta R.T. -0.000 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

Tgt Ion: 97 Resp: 1165
 Ion Ratio Lower Upper
 97 100
 83 75.7 66.5 99.7
 85 54.9 43.0 64.6
 99 57.5 53.3 79.9

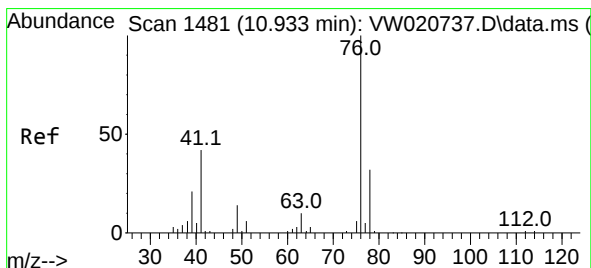
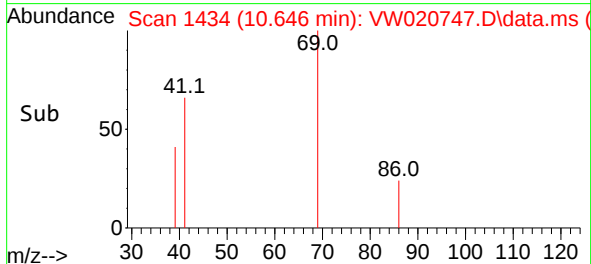
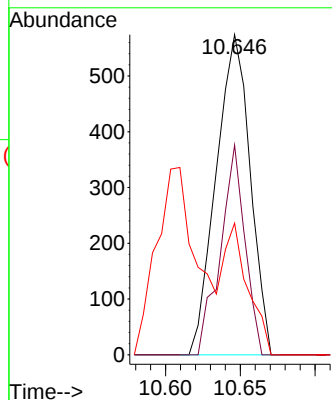
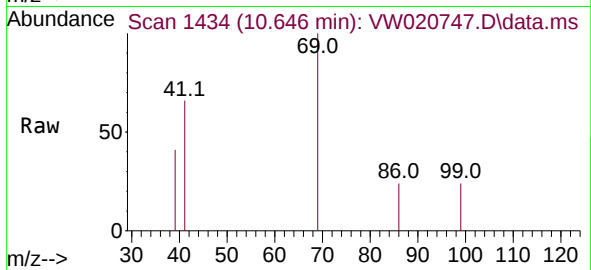




#56
Ethyl methacrylate
Concen: 3.325 ug/l
RT: 10.646 min Scan# 1433
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

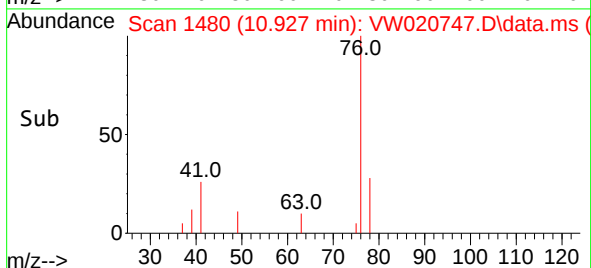
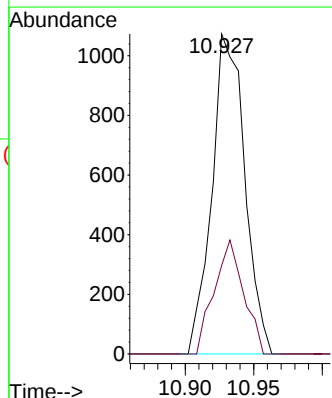
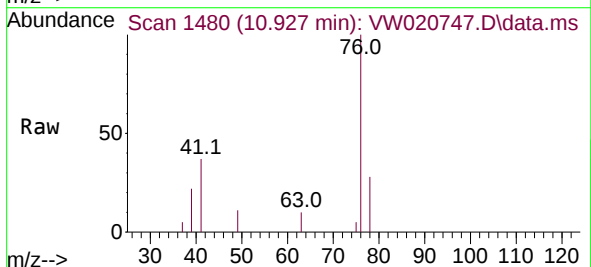
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

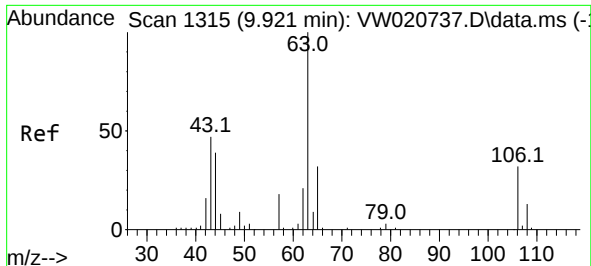
Tgt Ion: 69 Resp: 908
Ion Ratio Lower Upper
69 100
41 47.1 39.2 58.8
39 29.3 26.5 39.7



#57
1,3-Dichloropropane
Concen: 4.406 ug/l
RT: 10.927 min Scan# 1480
Delta R.T. -0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 76 Resp: 1788
Ion Ratio Lower Upper
76 100
78 32.0 26.7 40.1

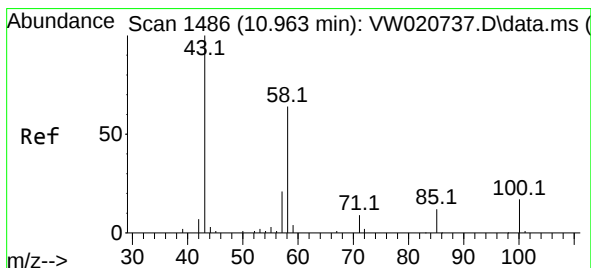
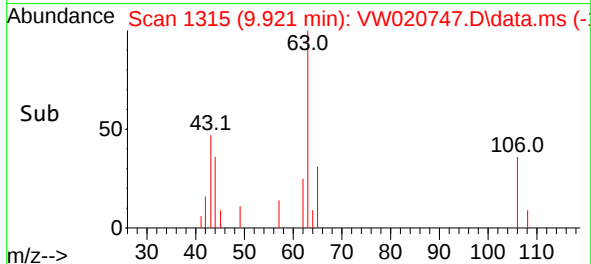
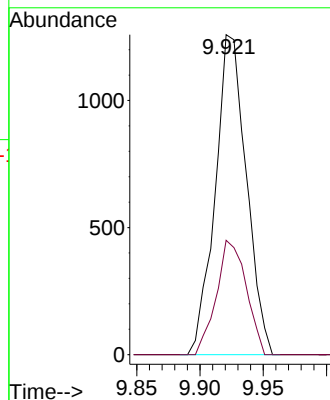
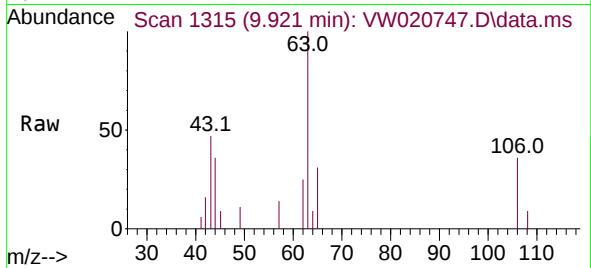




#58
2-Chloroethyl Vinyl ether
Concen: 18.133 ug/l
RT: 9.921 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

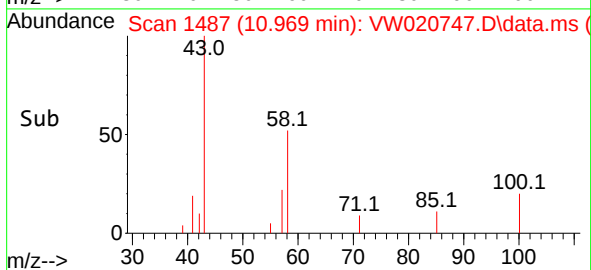
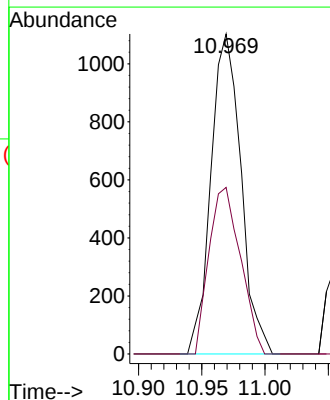
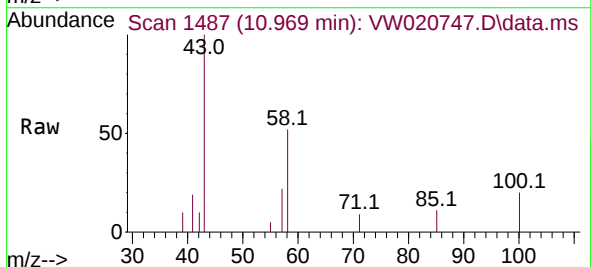
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

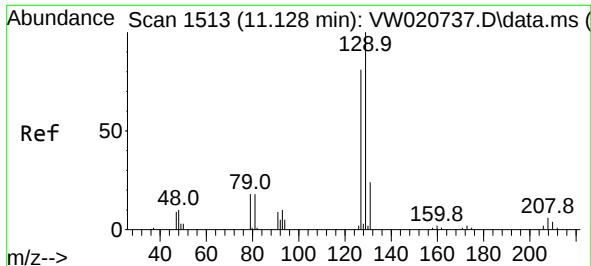
Tgt Ion: 63 Resp: 2155
Ion Ratio Lower Upper
63 100
106 34.2 27.4 41.0



#59
2-Hexanone
Concen: 19.189 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 43 Resp: 1817
Ion Ratio Lower Upper
43 100
58 54.8 32.5 97.4

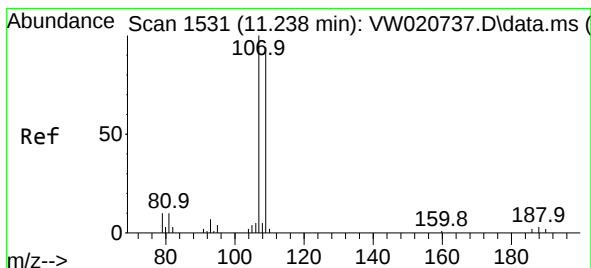
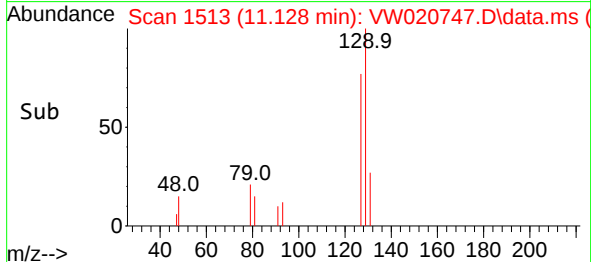
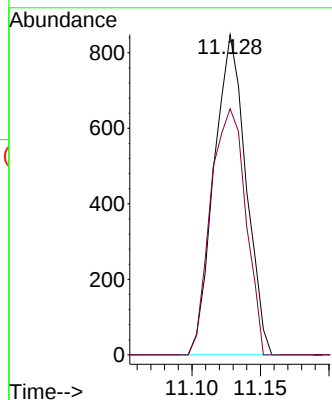
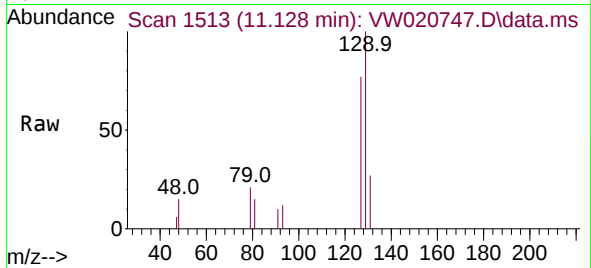




#60
Dibromochloromethane
Concen: 4.276 ug/l
RT: 11.128 min Scan# 11
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

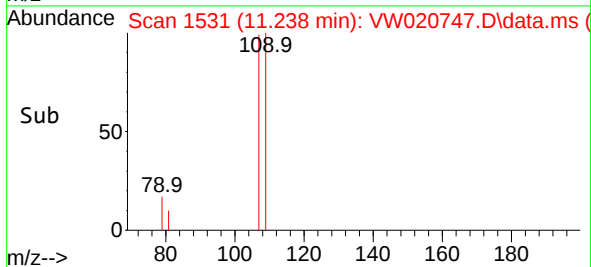
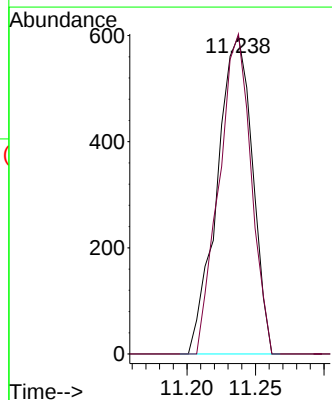
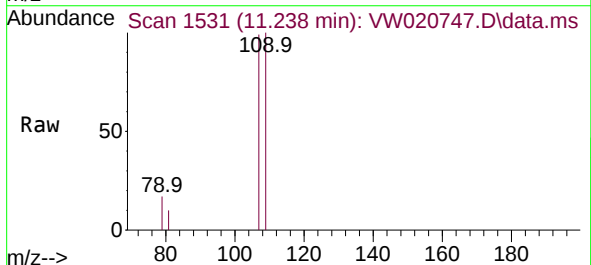
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

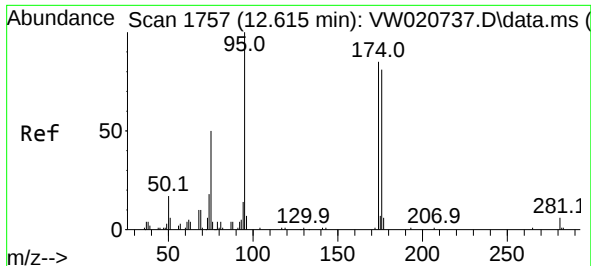
Tgt Ion:129 Resp: 1374
Ion Ratio Lower Upper
129 100
127 84.1 39.4 118.1



#61
1,2-Dibromoethane
Concen: 4.191 ug/l
RT: 11.238 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:107 Resp: 1075
Ion Ratio Lower Upper
107 100
109 91.3 75.0 112.6

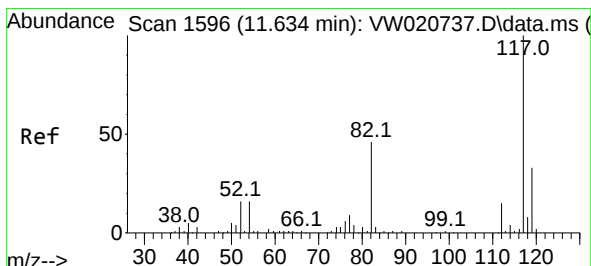
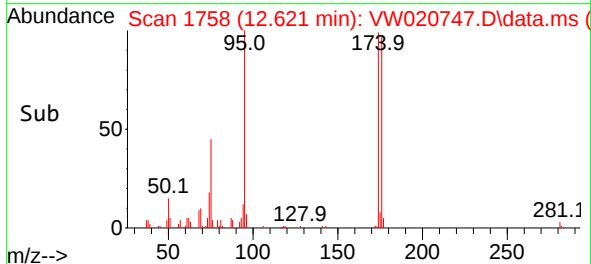
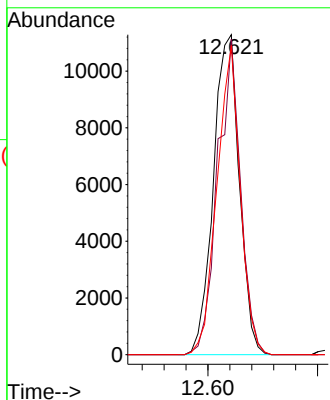
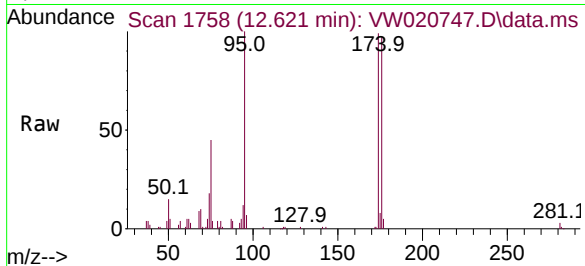




#62
4-Bromofluorobenzene
Concen: 44.969 ug/l
RT: 12.621 min Scan# 1758
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

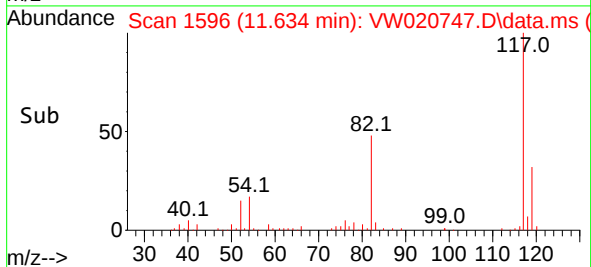
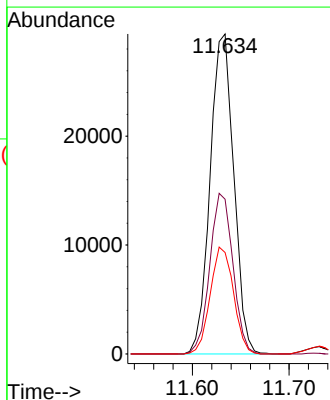
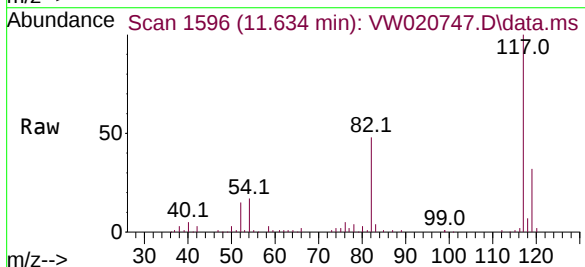
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

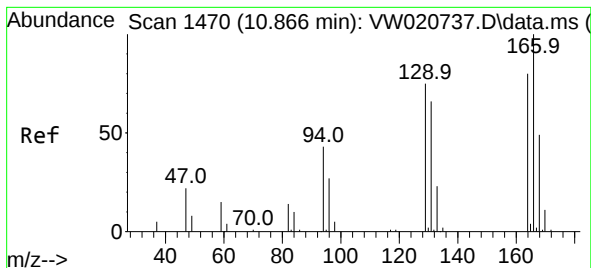
Tgt Ion:	95	Resp:	18569
Ion	Ratio	Lower	Upper
95	100		
174	86.9	0.0	182.8
176	86.7	0.0	170.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:	117	Resp:	49961
Ion	Ratio	Lower	Upper
117	100		
82	48.3	37.0	55.4
119	31.7	26.0	39.0





#64

Tetrachloroethene

Concen: 4.861 ug/l

RT: 10.866 min Scan# 14

Delta R.T. -0.000 min

Lab File: VW020747.D

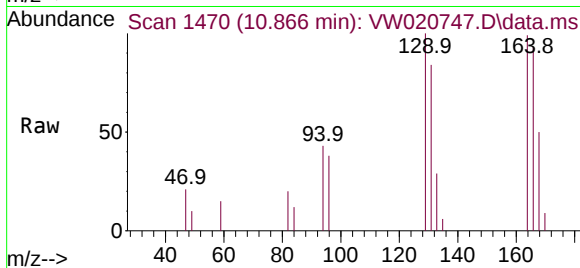
Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



Tgt Ion:164 Resp: 1585

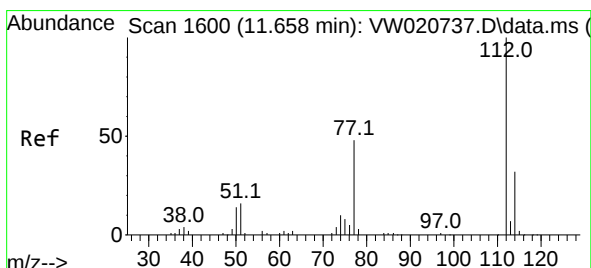
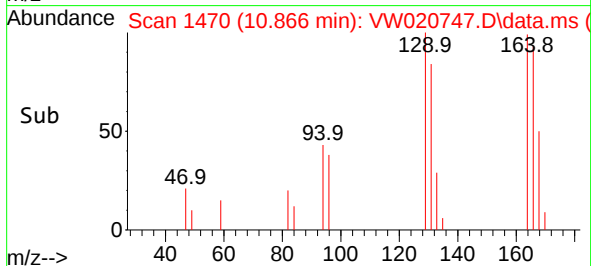
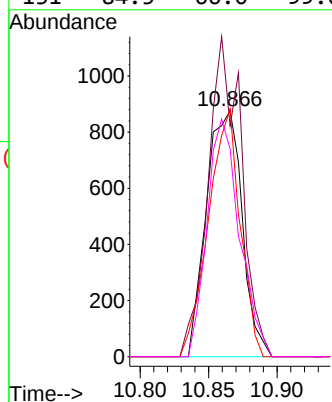
Ion Ratio Lower Upper

164 100

166 93.8 100.5 150.7#

129 100.8 75.5 113.3

131 84.5 66.0 99.0



#65

Chlorobenzene

Concen: 4.514 ug/l

RT: 11.658 min Scan# 1600

Delta R.T. -0.000 min

Lab File: VW020747.D

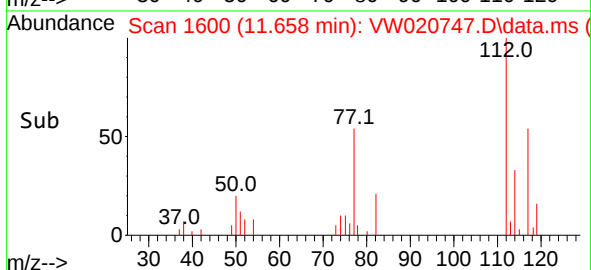
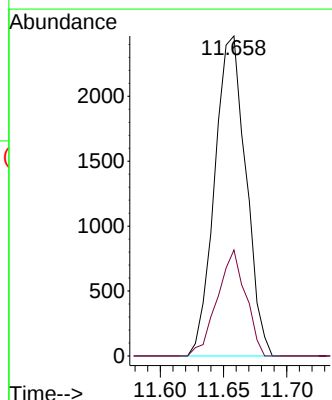
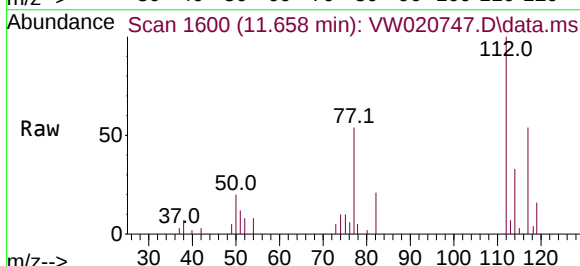
Acq: 02 Nov 2021 19:40

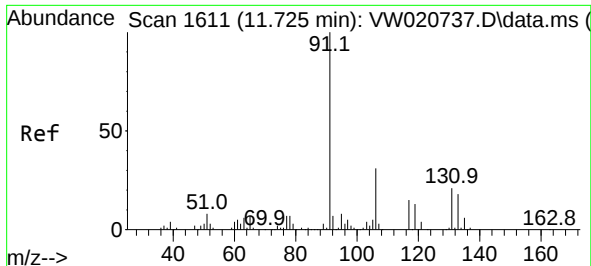
Tgt Ion:112 Resp: 4233

Ion Ratio Lower Upper

112 100

114 33.1 25.9 38.9

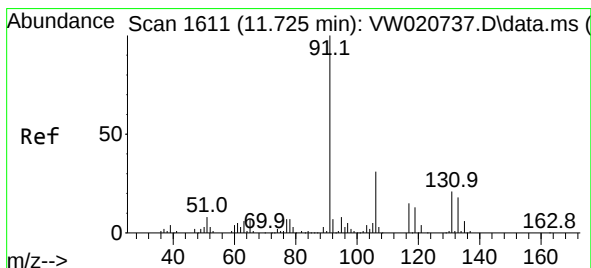
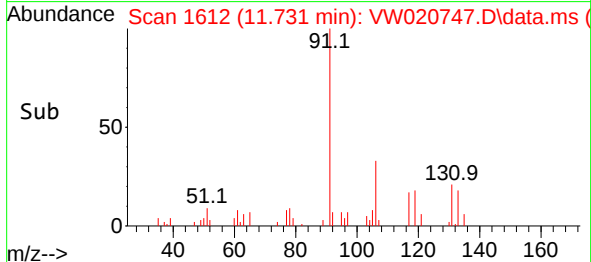
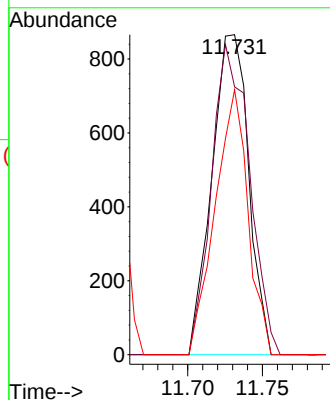
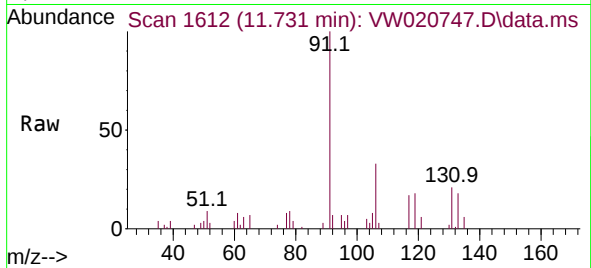




#66
1,1,1,2-Tetrachloroethane
Concen: 4.291 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

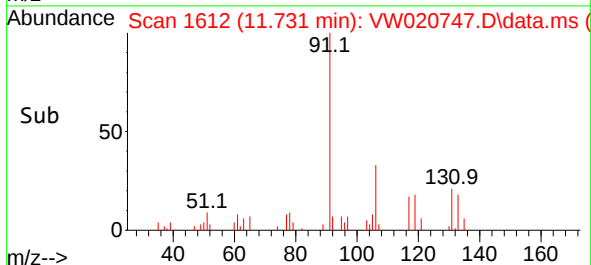
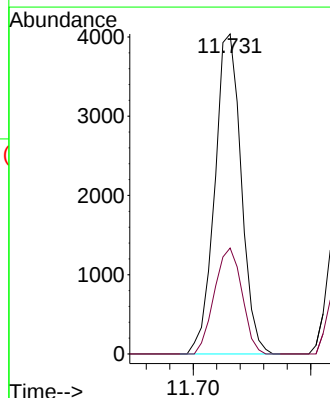
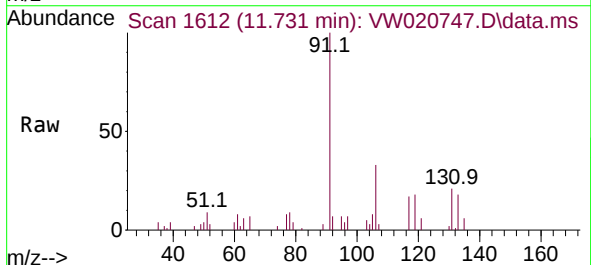
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

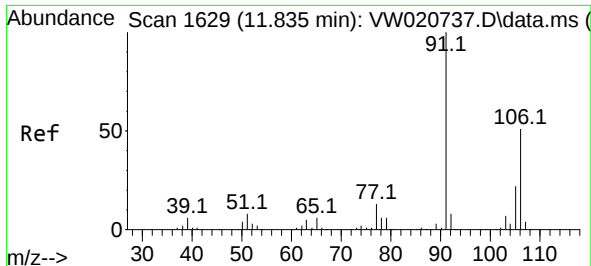
Tgt Ion:131 Resp: 1483
Ion Ratio Lower Upper
131 100
133 99.7 45.9 137.6
119 73.9 32.1 96.3



#67
Ethyl Benzene
Concen: 4.033 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 91 Resp: 6307
Ion Ratio Lower Upper
91 100
106 33.1 24.5 36.7

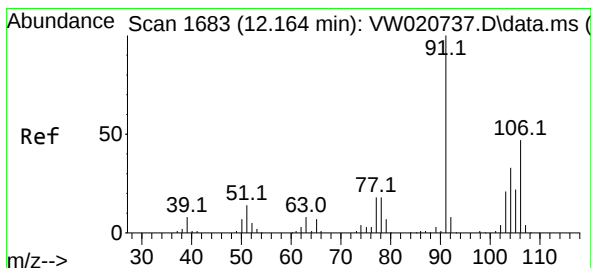
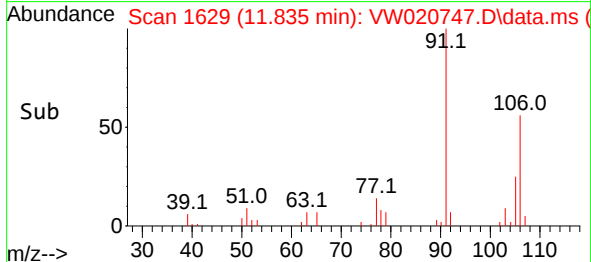
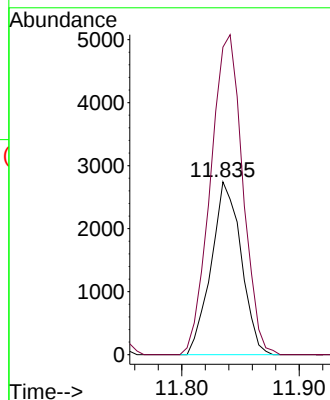
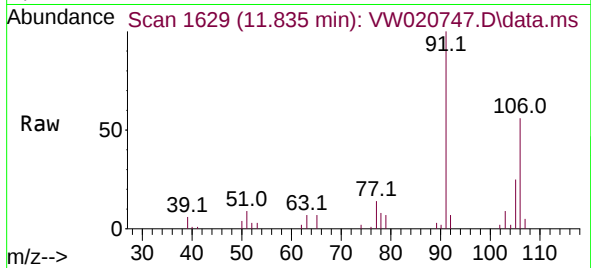




#68
m/p-Xylenes
Concen: 7.698 ug/l
RT: 11.835 min Scan# 1629
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

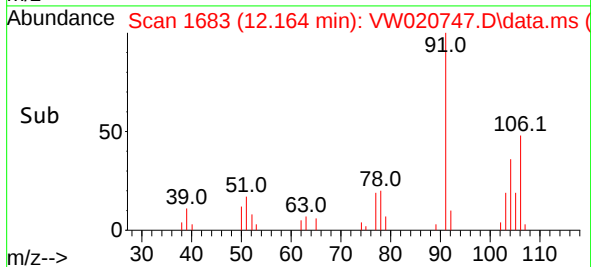
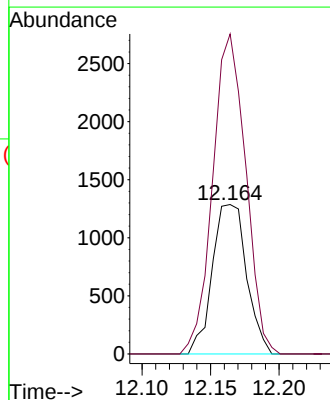
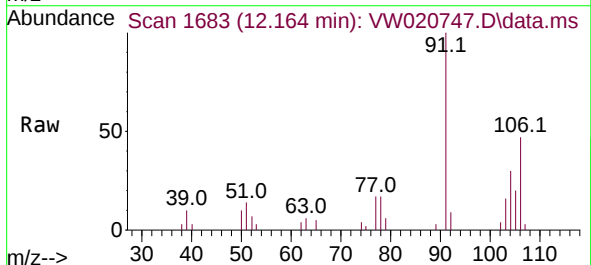
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

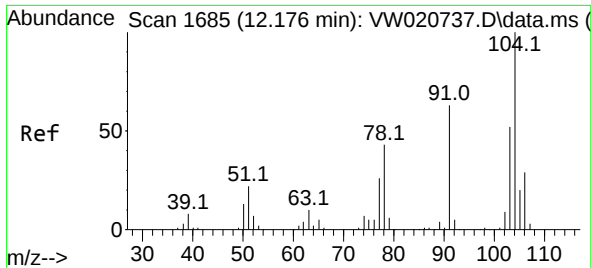
Tgt Ion:106 Resp: 4861
Ion Ratio Lower Upper
106 100
91 199.0 157.8 236.8



#69
o-Xylene
Concen: 3.791 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:106 Resp: 2235
Ion Ratio Lower Upper
106 100
91 206.3 103.6 310.8

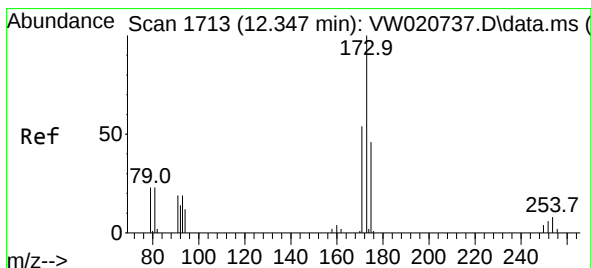
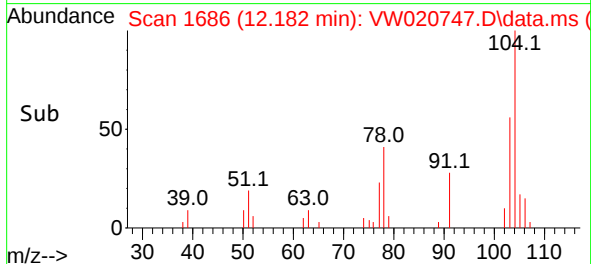
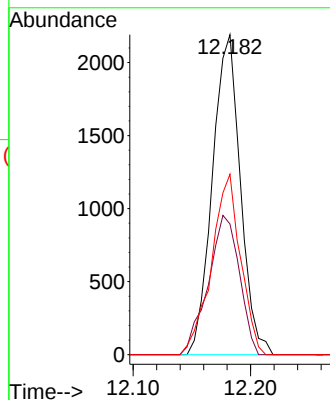
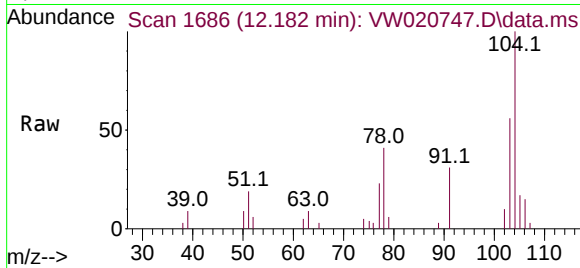




#70
Styrene
Concen: 3.637 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

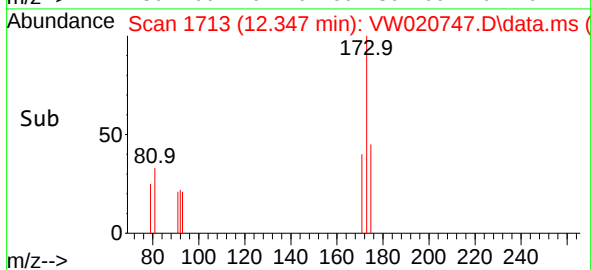
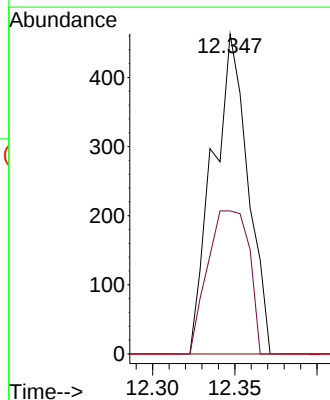
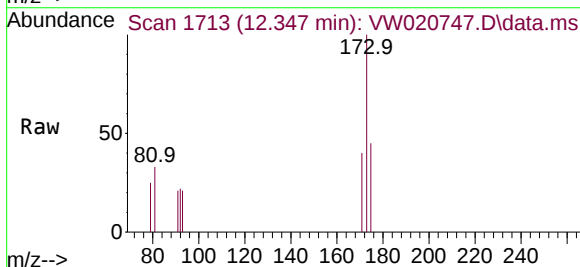
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

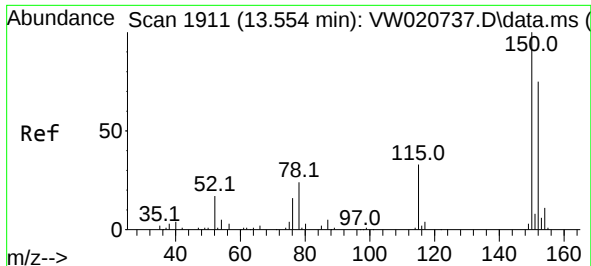
Tgt Ion:104	Resp:	3624
Ion Ratio	Lower	Upper
104	100	
78	48.4	36.4 54.6
103	58.5	45.0 67.6



#71
Bromoform
Concen: 3.527 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:173	Resp:	689
Ion Ratio	Lower	Upper
173	100	
175	52.5	24.8 74.4
254	0.0	0.0 0.0

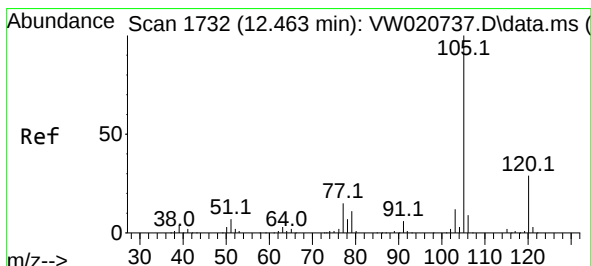
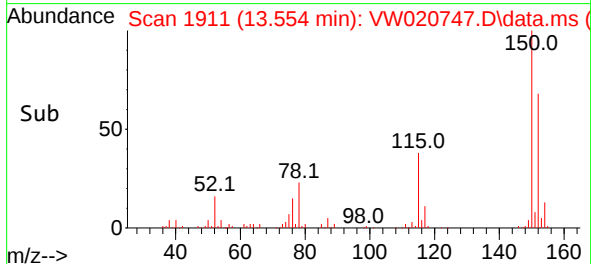
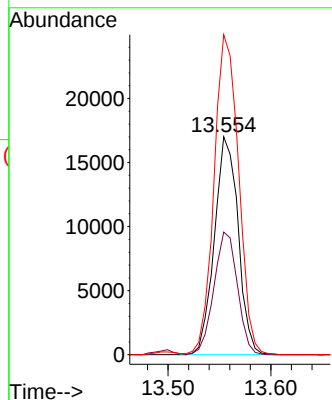
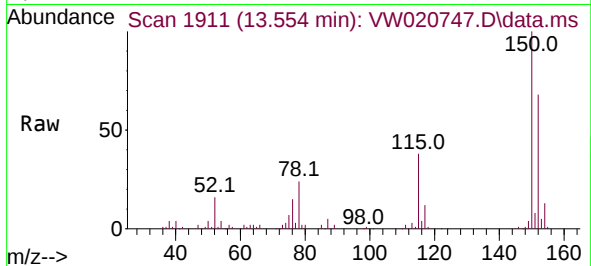




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.554 min Scan# 1911
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

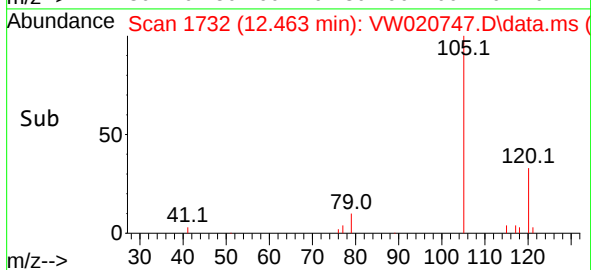
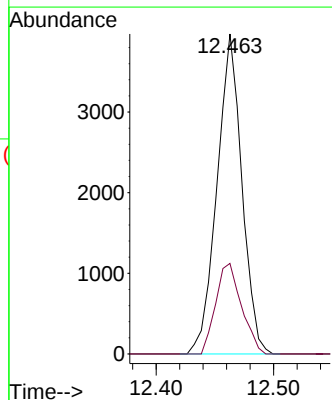
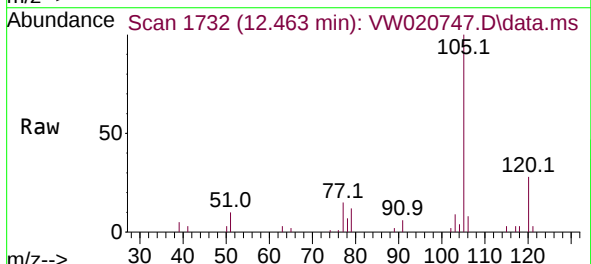
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

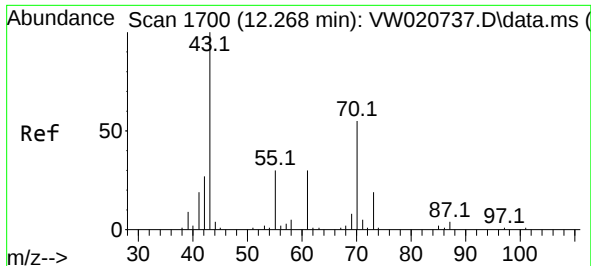
Tgt Ion:152 Resp: 27201
Ion Ratio Lower Upper
152 100
115 55.9 26.6 79.8
150 152.0 0.0 333.0



#73
Isopropylbenzene
Concen: 3.645 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:105 Resp: 5838
Ion Ratio Lower Upper
105 100
120 29.3 13.8 41.4

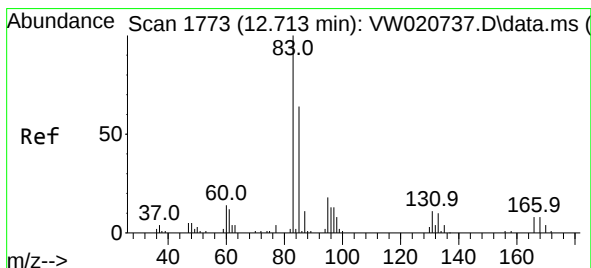
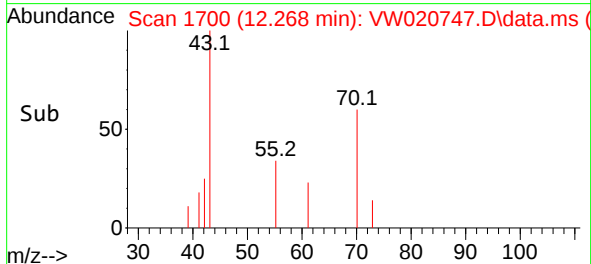
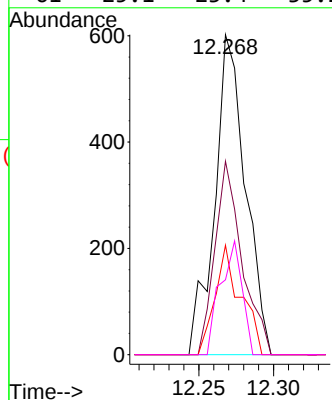
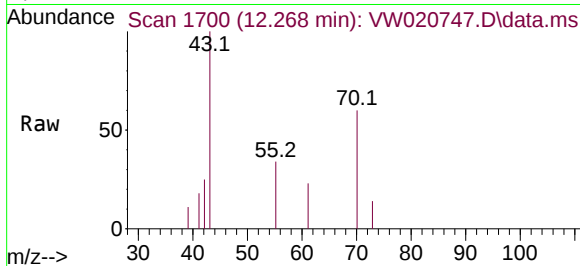




#74
N-amy1 acetate
Concen: 3.487 ug/l
RT: 12.268 min Scan# 1700
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

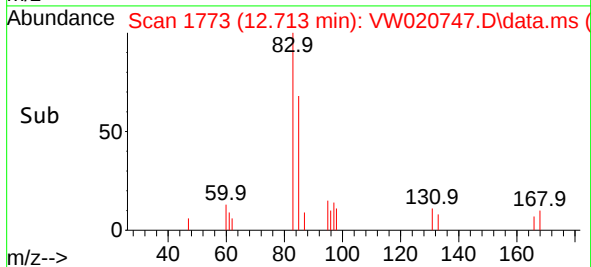
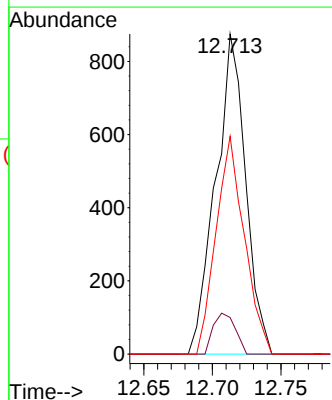
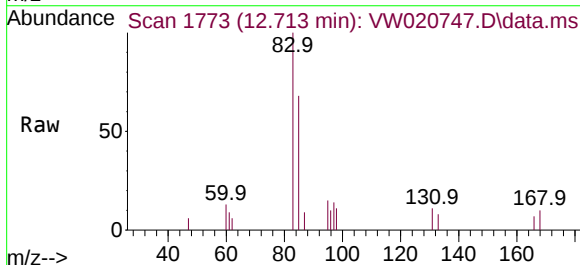
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

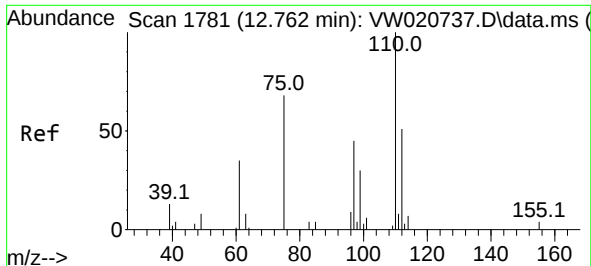
Tgt Ion: 43	Resp: 861
Ion Ratio	Lower Upper
43 100	
70 53.3	44.7 67.1
55 28.6	23.5 35.3
61 25.1	23.4 35.2



#75
1,1,2,2-Tetrachloroethane
Concen: 4.401 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 83	Resp: 1330
Ion Ratio	Lower Upper
83 100	
131 9.4	5.9 17.7
85 64.3	32.3 96.9

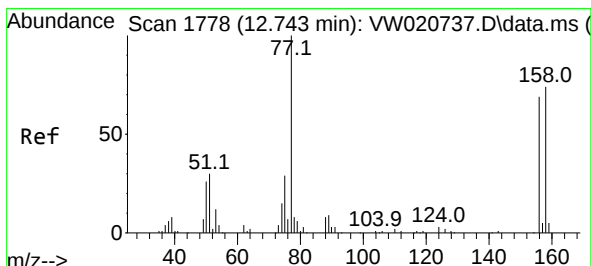
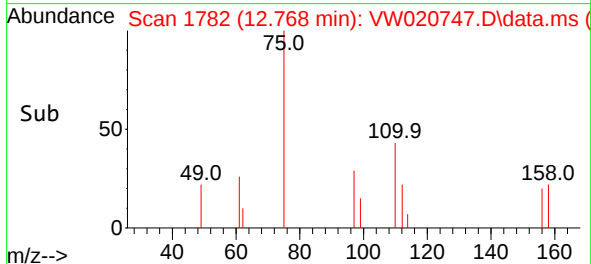
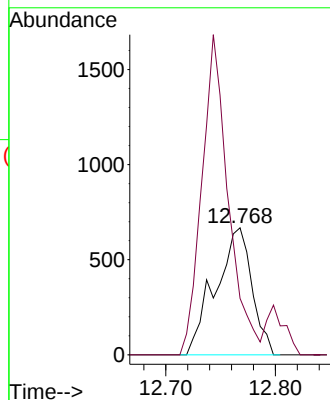
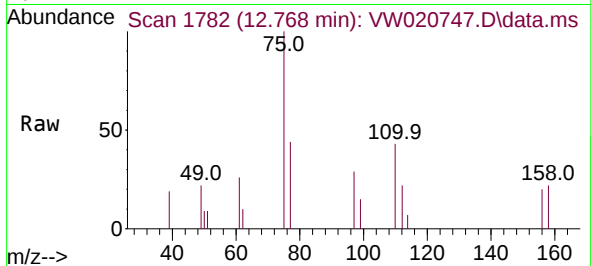




#76
1,2,3-Trichloropropane
Concen: 7.311 ug/l
RT: 12.768 min Scan# 1781
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

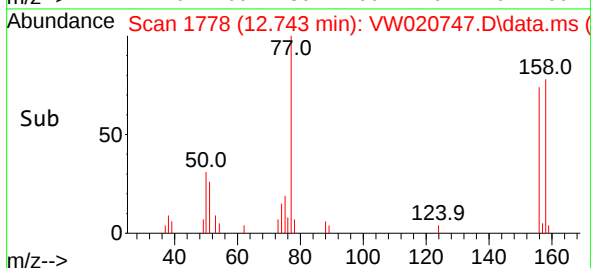
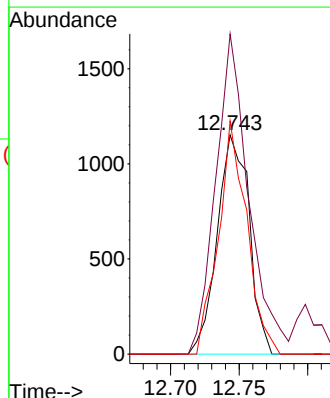
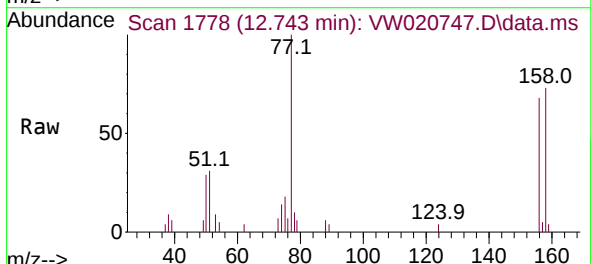
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

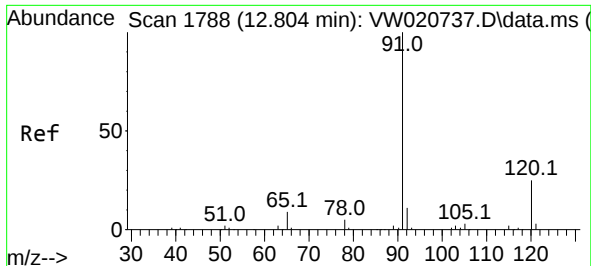
Tgt Ion: 75 Resp: 1540
Ion Ratio Lower Upper
75 100
77 0.0 143.3 430.0#



#77
Bromobenzene
Concen: 4.594 ug/l
RT: 12.743 min Scan# 1778
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:156 Resp: 1863
Ion Ratio Lower Upper
156 100
77 151.3 78.5 235.3
158 95.1 49.4 148.2

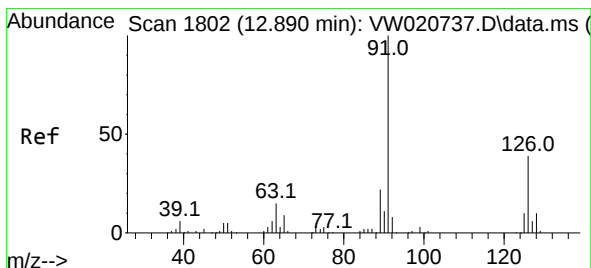
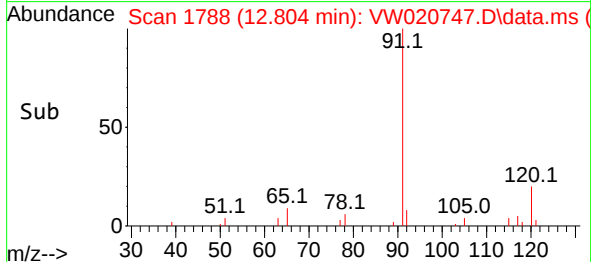
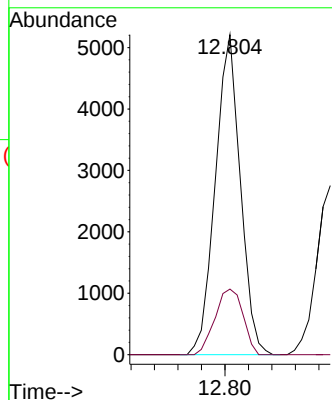
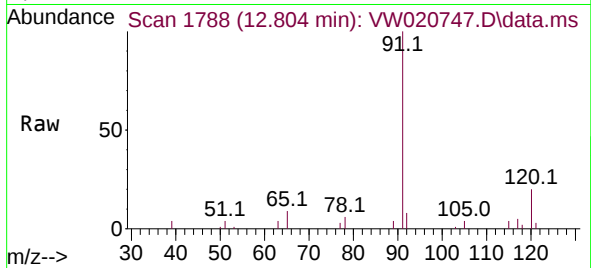




#78
n-propylbenzene
Concen: 3.981 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

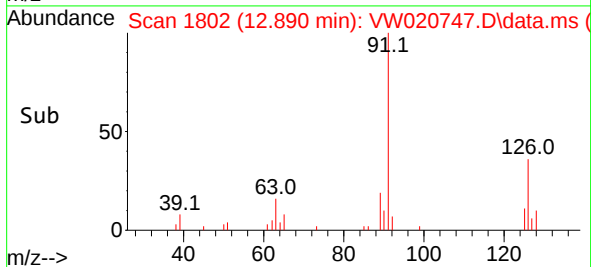
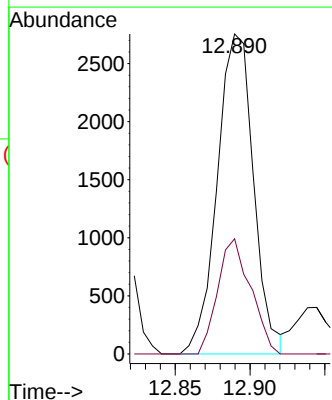
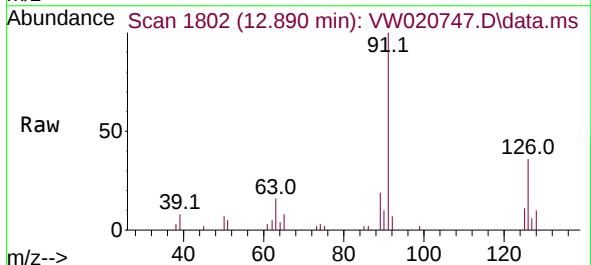
Instrument : MSVOA_W
ClientSampleId : LOD-MDL-SOIL-01-QT4-2021

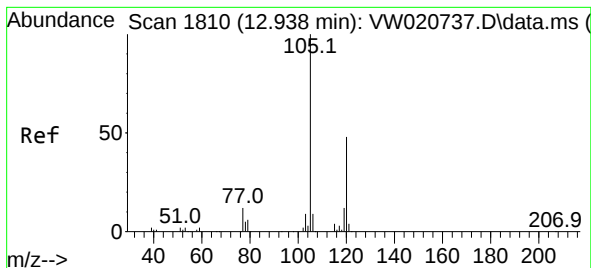
Tgt Ion: 91 Resp: 7694
Ion Ratio Lower Upper
91 100
120 22.9 12.1 36.3



#79
2-Chlorotoluene
Concen: 4.244 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 91 Resp: 4648
Ion Ratio Lower Upper
91 100
126 32.6 18.6 55.6





#80

1,3,5-Trimethylbenzene

Concen: 3.675 ug/l

RT: 12.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

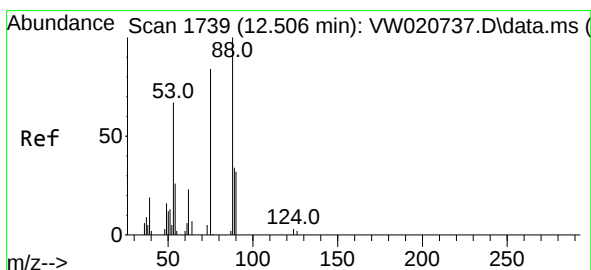
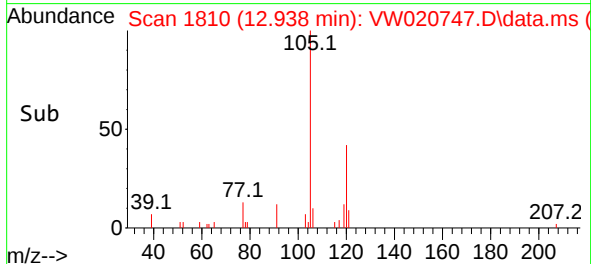
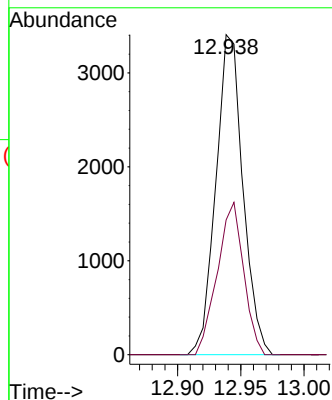
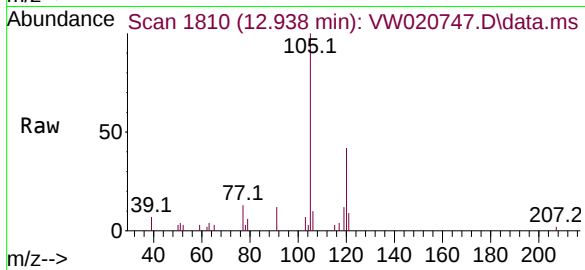
LOD-MDL-SOIL-01-QT4-2021

Tgt Ion:105 Resp: 5063

Ion Ratio Lower Upper

105 100

120 46.3 24.6 74.0



#81

trans-1,4-Dichloro-2-butene

Concen: 108.336 ug/l

RT: 12.615 min Scan# 1757

Delta R.T. 0.109 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

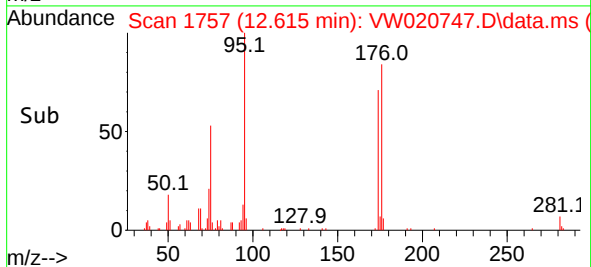
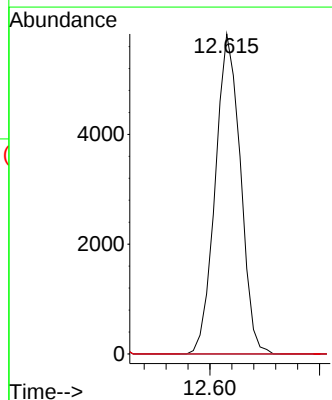
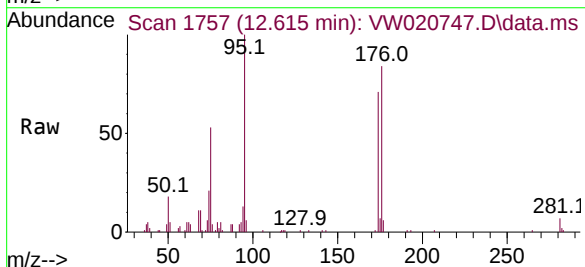
Tgt Ion: 75 Resp: 9272

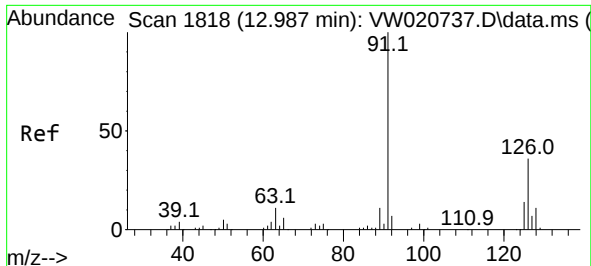
Ion Ratio Lower Upper

75 100

53 0.0 67.7 101.5#

89 0.0 37.5 56.3#

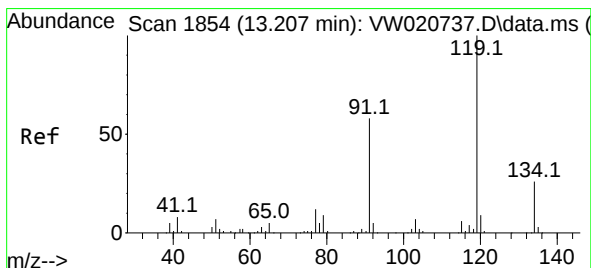
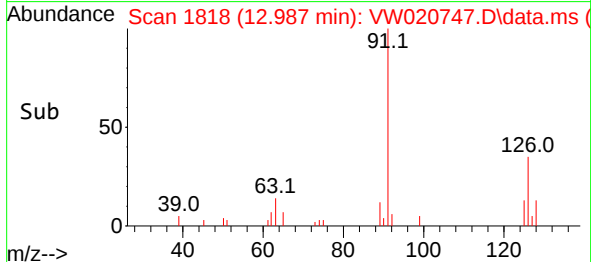
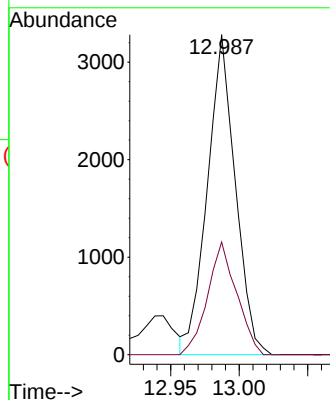
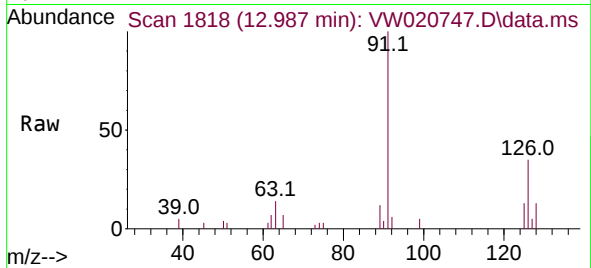




#82
4-Chlorotoluene
Concen: 4.056 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

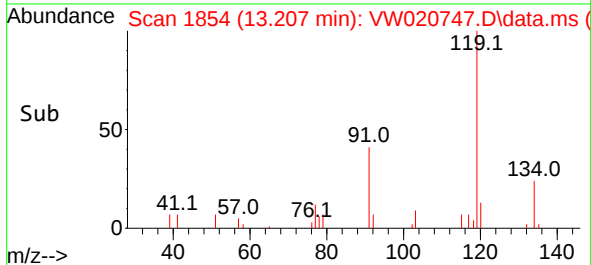
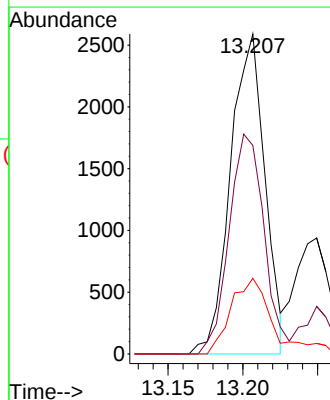
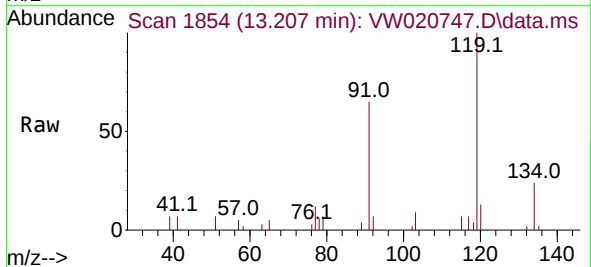
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

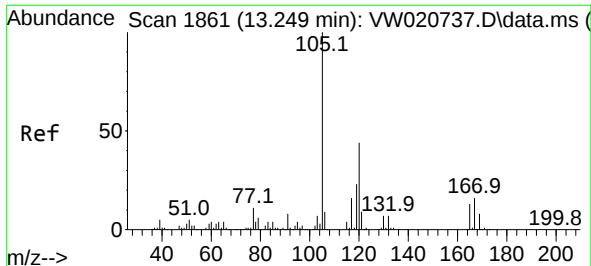
Tgt Ion: 91 Resp: 4646
Ion Ratio Lower Upper
91 100
126 36.7 17.6 52.8



#83
tert-Butylbenzene
Concen: 3.455 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 119 Resp: 4144
Ion Ratio Lower Upper
119 100
91 70.0 30.9 92.8
134 28.4 12.5 37.5

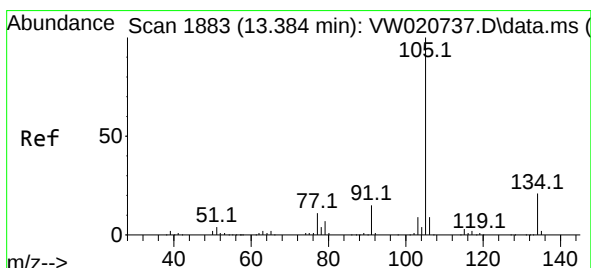
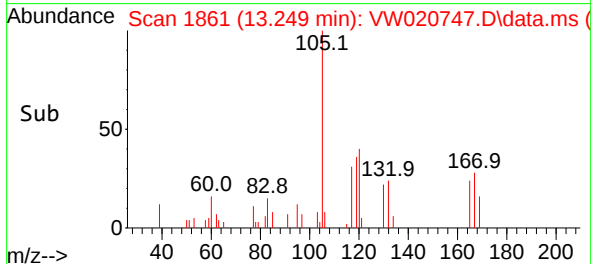
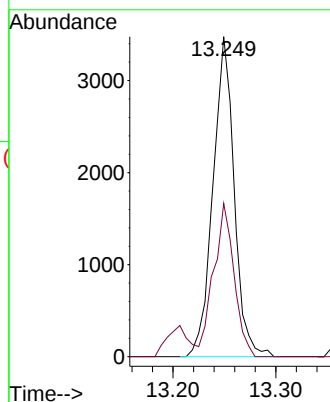
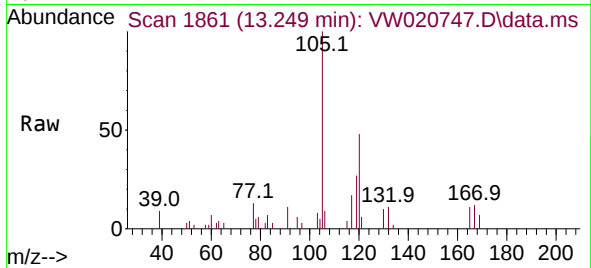




#84
1,2,4-Trimethylbenzene
Concen: 3.683 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

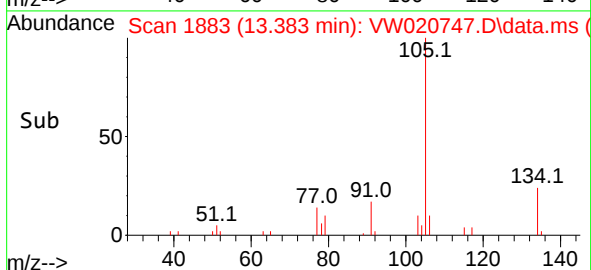
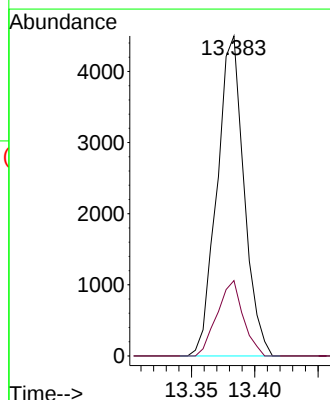
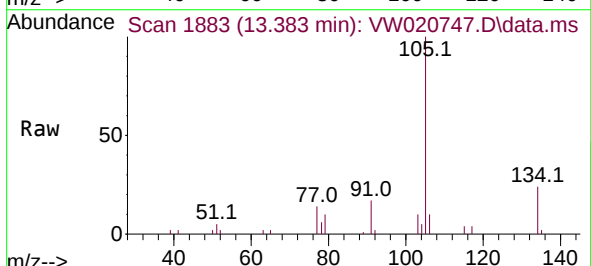
Instrument : MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

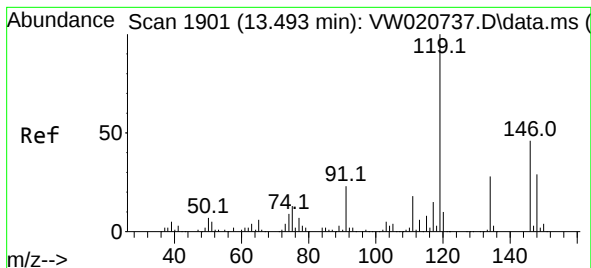
Tgt Ion:105 Resp: 4977
Ion Ratio Lower Upper
105 100
120 46.0 22.7 68.1



#85
sec-Butylbenzene
Concen: 3.685 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:105 Resp: 6663
Ion Ratio Lower Upper
105 100
134 22.7 10.4 31.2





#86

p-Isopropyltoluene

Concen: 3.612 ug/l

RT: 13.499 min Scan# 1901

Delta R.T. 0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021

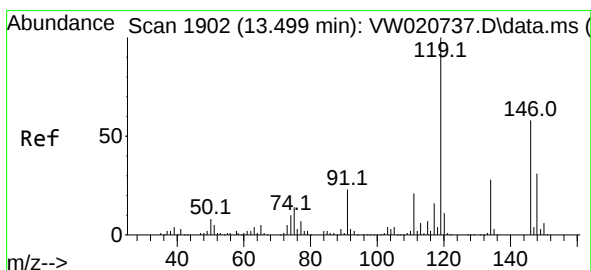
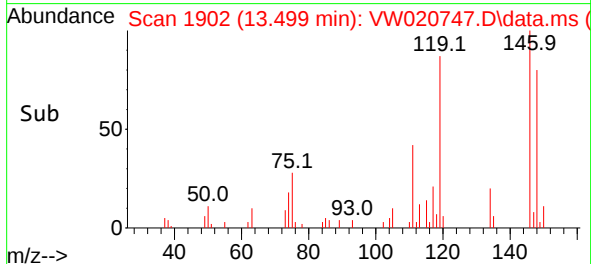
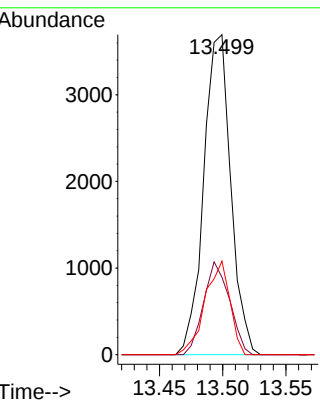
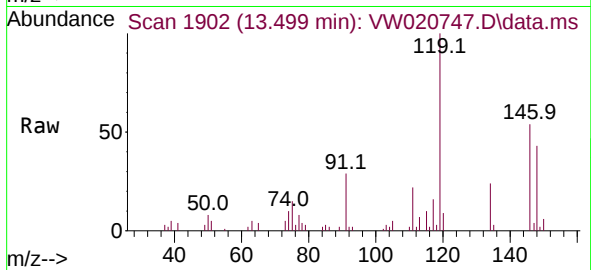
Tgt Ion:119 Resp: 5492

Ion Ratio Lower Upper

119 100

134 27.9 13.8 41.3

91 26.9 11.2 33.6



#87

1,3-Dichlorobenzene

Concen: 3.964 ug/l

RT: 13.493 min Scan# 1901

Delta R.T. -0.006 min

Lab File: VW020747.D

Acq: 02 Nov 2021 19:40

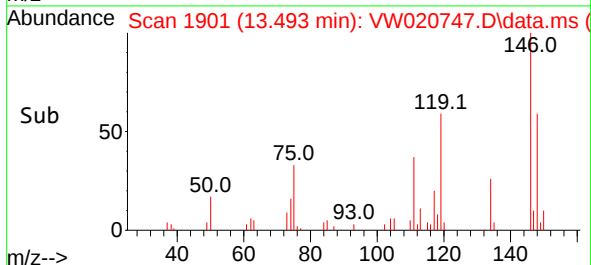
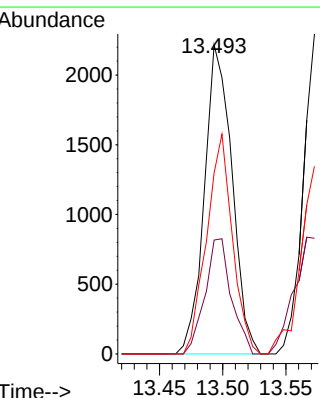
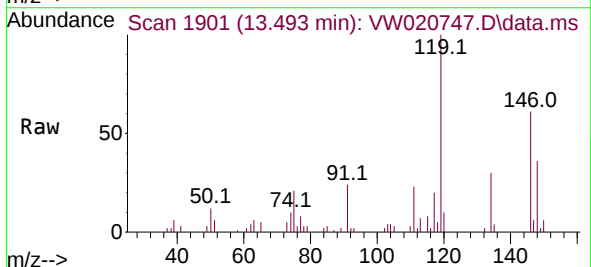
Tgt Ion:146 Resp: 3359

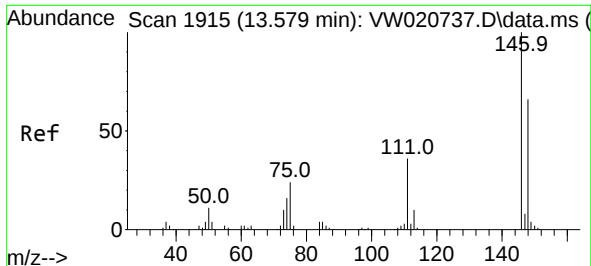
Ion Ratio Lower Upper

146 100

111 35.6 19.0 57.0

148 66.6 30.1 90.3

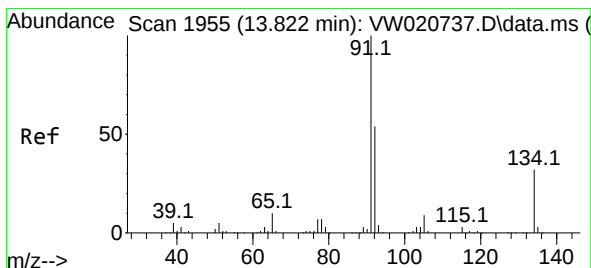
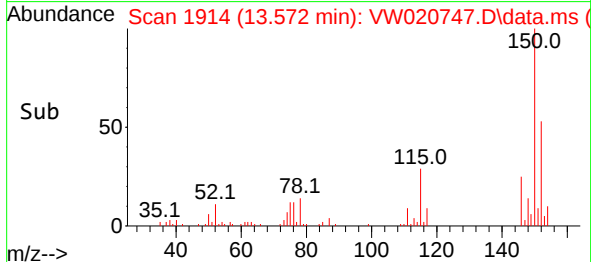
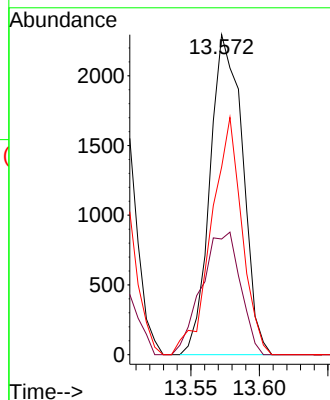
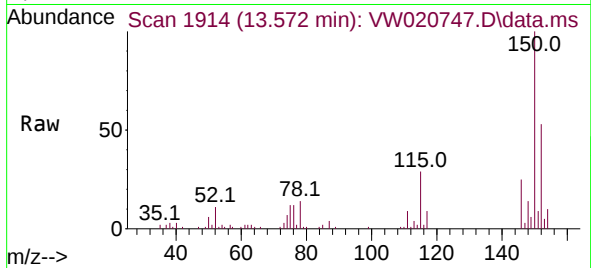




#88
1,4-Dichlorobenzene
Concen: 4.536 ug/l
RT: 13.572 min Scan# 1914
Delta R.T. -0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

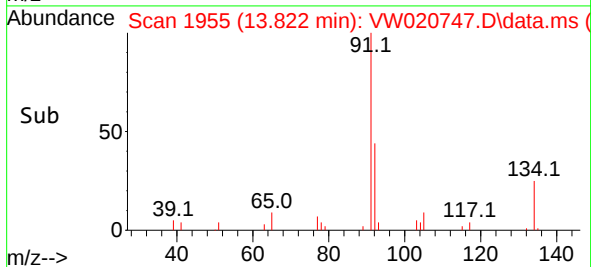
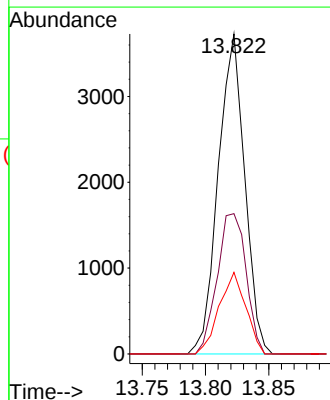
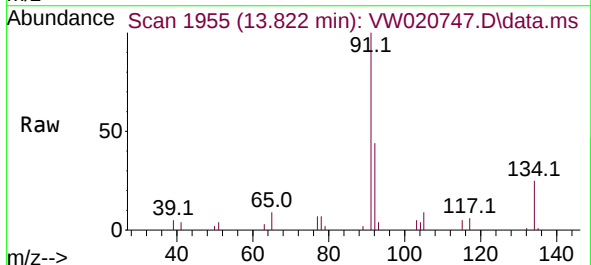
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

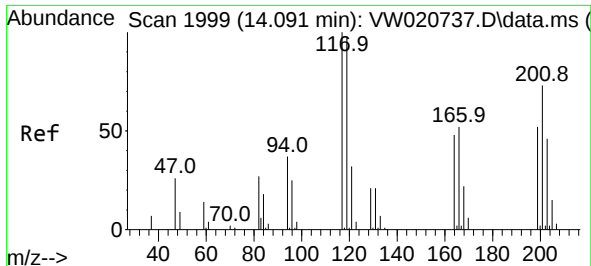
Tgt Ion:146 Resp: 3793
Ion Ratio Lower Upper
146 100
111 45.5 20.1 60.3
148 69.7 33.6 100.8



#89
n-Butylbenzene
Concen: 3.833 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion: 91 Resp: 5430
Ion Ratio Lower Upper
91 100
92 47.8 27.1 81.2
134 25.7 14.4 43.0

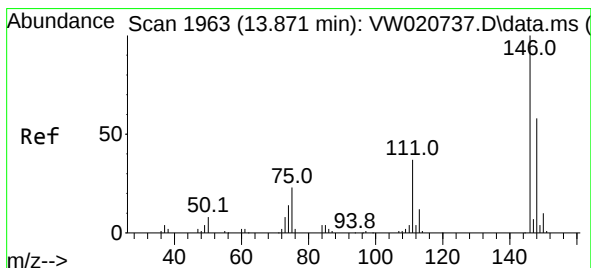
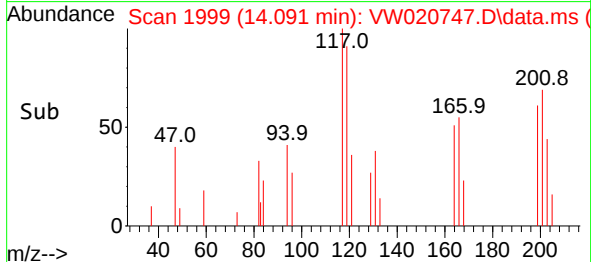
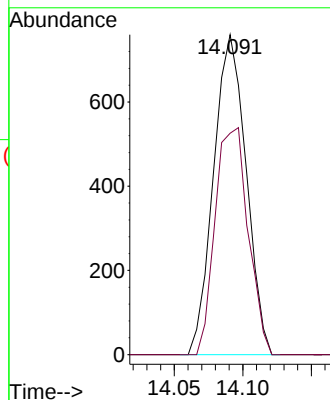
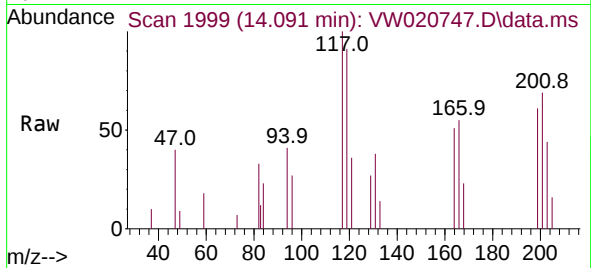




#90
Hexachloroethane
Concen: 4.201 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

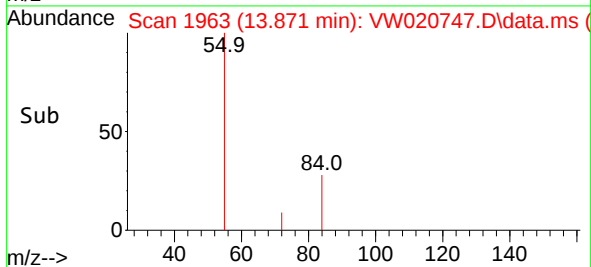
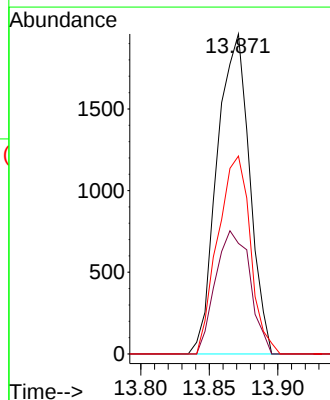
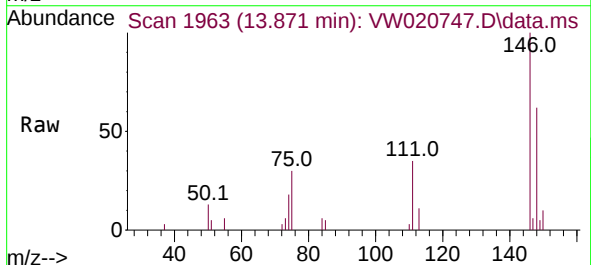
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

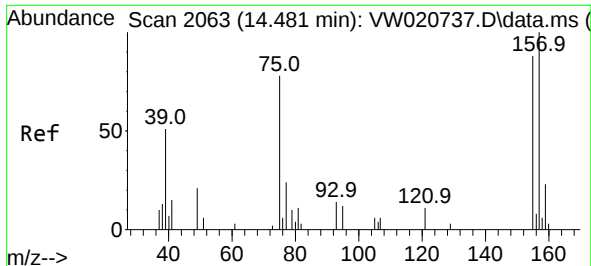
Tgt Ion:117 Resp: 1256
Ion Ratio Lower Upper
117 100
201 71.8 36.5 109.5



#91
1,2-Dichlorobenzene
Concen: 4.330 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. 0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

Tgt Ion:146 Resp: 3219
Ion Ratio Lower Upper
146 100
111 41.0 21.1 63.3
148 62.3 33.2 99.6

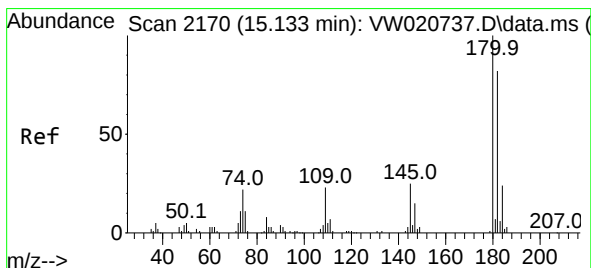
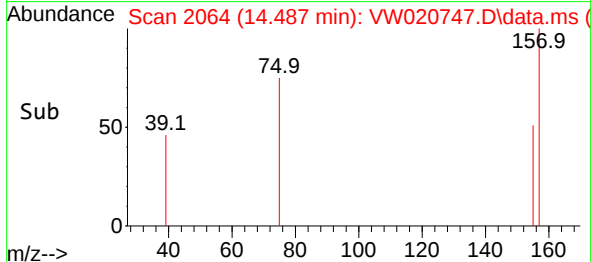
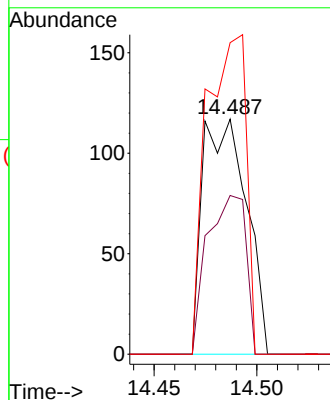
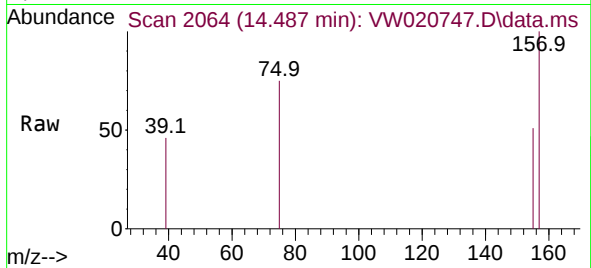




#92
1,2-Dibromo-3-Chloropropane
Concen: 3.895 ug/l
RT: 14.487 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

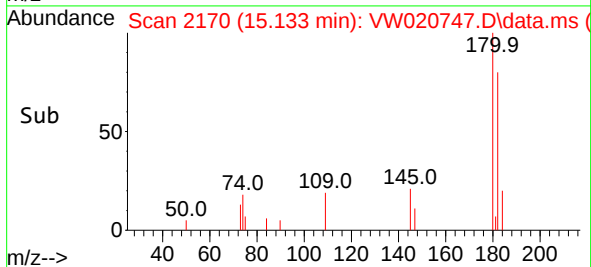
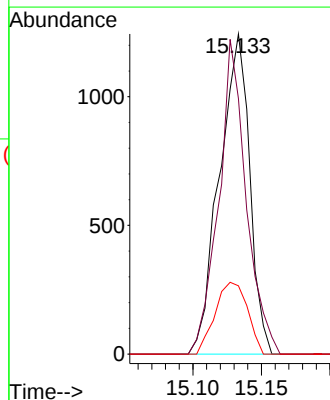
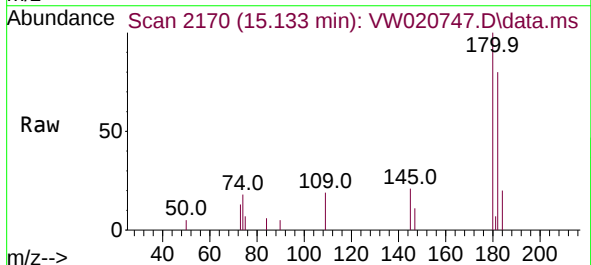
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

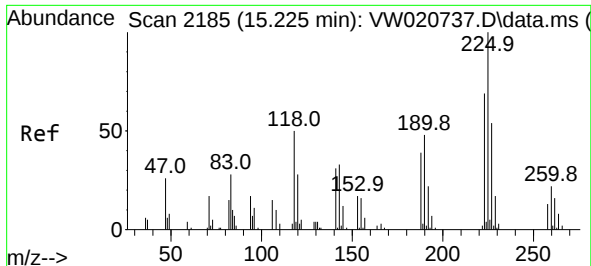
Tgt Ion: 75	Resp:	173
Ion Ratio	Lower	Upper
75	100	
155	59.0	52.8 158.4
157	121.4	61.5 184.4



#93
1,2,4-Trichlorobenzene
Concen: 4.056 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

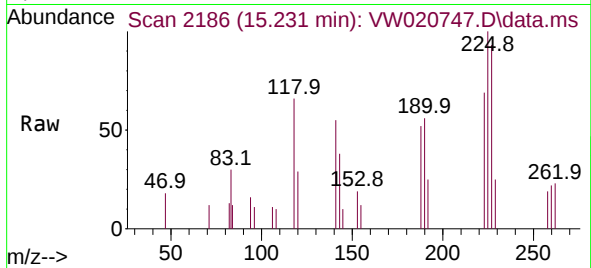
Tgt Ion: 180	Resp:	1903
Ion Ratio	Lower	Upper
180	100	
182	89.5	47.1 141.3
145	24.0	14.7 44.1



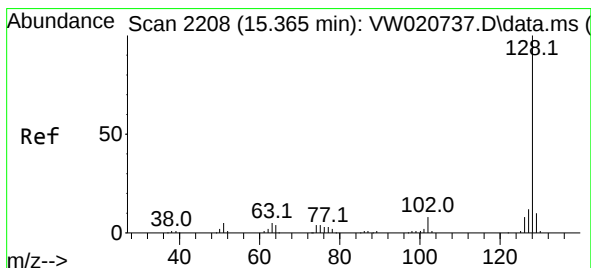
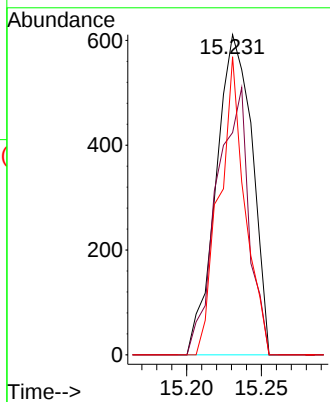
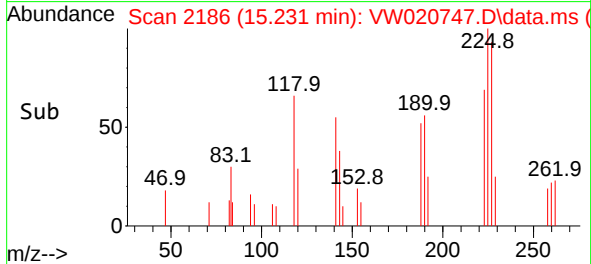


#94
Hexachlorobutadiene
Concen: 4.019 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. 0.006 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40

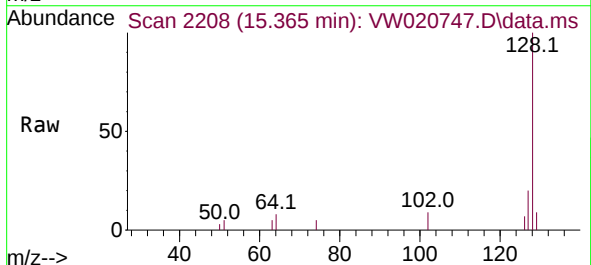
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021



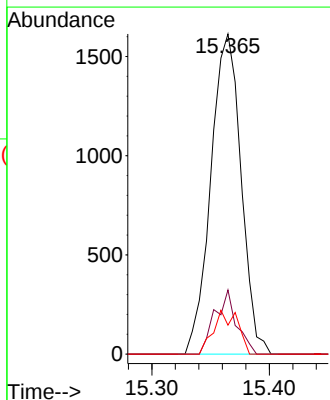
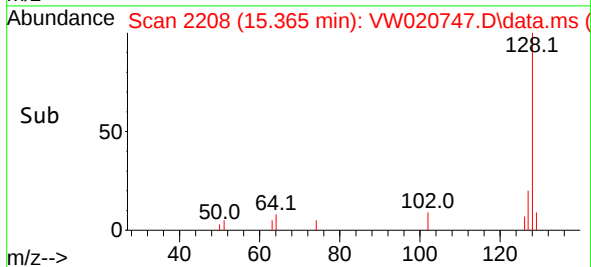
Tgt Ion:225 Resp: 1024
Ion Ratio Lower Upper
225 100
223 74.8 34.6 103.9
227 66.7 30.6 92.0

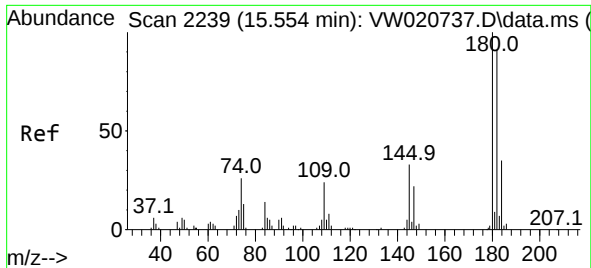


#95
Naphthalene
Concen: 3.406 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW020747.D
Acq: 02 Nov 2021 19:40



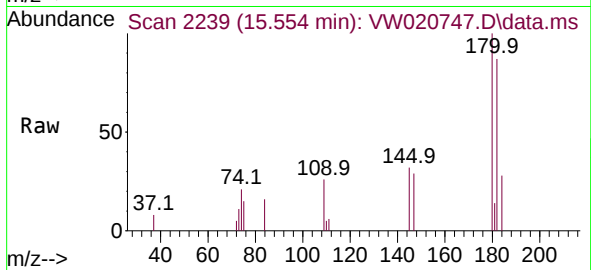
Tgt Ion:128 Resp: 2885
Ion Ratio Lower Upper
128 100
127 14.4 10.6 15.8
129 10.9 8.5 12.7





#96
 1,2,3-Trichlorobenzene
 Concen: 4.035 ug/l
 RT: 15.554 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VW020747.D
 Acq: 02 Nov 2021 19:40

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



Tgt Ion:	180	Resp:	1654
Ion	Ratio	Lower	Upper
180	100		
182	94.0	47.3	141.8
145	29.7	16.3	48.8

