

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW102221\
 Data File : VW020689.D
 Acq On : 22 Oct 2021 18:25
 Operator : SY/VA
 Sample : M4068-01 4PPBLOD
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Oct 23 06:14:40 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:13:41 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.945	168	99279	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.842	114	150164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	136596	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.560	152	72406	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	54712	49.601	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.200%
35) Dibromofluoromethane	7.884	113	45693	46.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.060%
50) Toluene-d8	10.323	98	175001	46.622	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.240%
62) 4-Bromofluorobenzene	12.615	95	65061	47.282	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.007	85	515	1.969	ug/l	86
3) Chloromethane	2.209	50	1913	2.912	ug/l	96
4) Vinyl Chloride	2.355	62	2206	2.618	ug/l	95
5) Bromomethane	2.757	94	1520	3.035	ug/l	96
6) Chloroethane	2.910	64	988	2.639	ug/l	92
7) Trichlorofluoromethane	3.245	101	1618	2.684	ug/l	85
8) Diethyl Ether	3.678	74	1346	2.799	ug/l	94
9) 1,1,2-Trichlorotrifluo...	4.050	101	3018	3.050	ug/l	96
10) Methyl Iodide	4.269	142	3317	2.700	ug/l	98
11) Tert butyl alcohol	5.184	59	851	12.597	ug/l #	84
12) 1,1-Dichloroethene	4.031	96	2630	2.846	ug/l	85
13) Acrolein	3.903	56	1137	18.802	ug/l	97
14) Allyl chloride	4.659	41	4357	2.921	ug/l	99
15) Acrylonitrile	5.373	53	3287	13.400	ug/l	98
16) Acetone	4.129	43	3520	13.058	ug/l	99
17) Carbon Disulfide	4.379	76	7789	2.901	ug/l	99
18) Methyl Acetate	4.672	43	2463	2.959	ug/l	97
19) Methyl tert-butyl Ether	5.428	73	4548	2.870	ug/l	99
20) Methylene Chloride	4.915	84	12128	8.925	ug/l	99
21) trans-1,2-Dichloroethene	5.415	96	3035	2.941	ug/l	89
22) Diisopropyl ether	6.312	45	7764	2.660	ug/l	90
23) Vinyl Acetate	6.257	43	21332	12.478	ug/l	97
24) 1,1-Dichloroethane	6.208	63	5590	2.996	ug/l	100
25) 2-Butanone	7.177	43	4127	12.269	ug/l	99
26) 2,2-Dichloropropane	7.165	77	3614	2.959	ug/l	100
27) cis-1,2-Dichloroethene	7.171	96	3279	2.982	ug/l	98
28) Bromochloromethane	7.519	49	3220	4.174	ug/l #	98
29) Tetrahydrofuran	7.537	42	2683	13.036	ug/l	94
30) Chloroform	7.677	83	5878	3.020	ug/l	92
31) Cyclohexane	7.952	56	6935	3.705	ug/l #	75
32) 1,1,1-Trichloroethane	7.872	97	4856	2.950	ug/l	99
36) 1,1-Dichloropropene	8.080	75	4550	2.813	ug/l	99
37) Ethyl Acetate	7.263	43	2180	2.913	ug/l #	87
38) Carbon Tetrachloride	8.067	117	4445	2.772	ug/l	97
39) Methylcyclohexane	9.335	83	5171	2.742	ug/l	89
40) Benzene	8.323	78	16179	3.656	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	861	1.975	ug/l #	84
42) 1,2-Dichloroethane	8.403	62	4336	3.043	ug/l	99
43) Isopropyl Acetate	8.421	43	3729	2.685	ug/l	93
44) Trichloroethene	9.092	130	3571	2.969	ug/l	96
45) 1,2-Dichloropropane	9.372	63	3068	2.892	ug/l	99
46) Dibromomethane	9.457	93	1760	2.953	ug/l	97
47) Bromodichloromethane	9.646	83	4303	2.929	ug/l	93
48) Methyl methacrylate	9.433	41	1745	2.612	ug/l	93
49) 1,4-Dioxane	9.457	88	336	42.418	ug/l	97
51) 4-Methyl-2-Pentanone	10.207	43	9311	12.332	ug/l	98
52) Toluene	10.390	92	8073	2.904	ug/l	94
53) t-1,3-Dichloropropene	10.610	75	3911	2.616	ug/l	99
54) cis-1,3-Dichloropropene	10.073	75	4368	2.579	ug/l	93
55) 1,1,2-Trichloroethane	10.786	97	2276	2.741	ug/l	97
56) Ethyl methacrylate	10.646	69	2553	2.391	ug/l	95
57) 1,3-Dichloropropane	10.933	76	4219	2.932	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.927	63	8296	17.241	ug/l	99
59) 2-Hexanone	10.969	43	6230	11.662	ug/l	97
60) Dibromochloromethane	11.128	129	2651	2.708	ug/l	98
61) 1,2-Dibromoethane	11.231	107	2251	2.802	ug/l	98
64) Tetrachloroethene	10.866	164	3366	3.174	ug/l	93
65) Chlorobenzene	11.658	112	9003	3.062	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	2994	2.809	ug/l	97
67) Ethyl Benzene	11.731	91	14556	2.734	ug/l	96
68) m/p-Xylenes	11.841	106	11056	5.371	ug/l	97
69) o-Xylene	12.164	106	4836	2.549	ug/l	100
70) Styrene	12.182	104	8336	2.565	ug/l	99
71) Bromoform	12.347	173	1624	2.599	ug/l #	100
73) Isopropylbenzene	12.463	105	13507	2.590	ug/l	99
74) N-amyl acetate	12.274	43	2858	2.258	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	2875	2.942	ug/l	96
76) 1,2,3-Trichloropropane	12.768	75	3733	4.654	ug/l #	100
77) Bromobenzene	12.749	156	3865	3.089	ug/l	97
78) n-propylbenzene	12.804	91	18004	2.811	ug/l	97
79) 2-Chlorotoluene	12.890	91	10176	2.761	ug/l	98
80) 1,3,5-Trimethylbenzene	12.938	105	11977	2.657	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.615	75	34515	110.529	ug/l #	8
82) 4-Chlorotoluene	12.987	91	10851	2.800	ug/l	99
83) tert-Butylbenzene	13.207	119	10401	2.674	ug/l	99
84) 1,2,4-Trimethylbenzene	13.249	105	12097	2.711	ug/l	96
85) sec-Butylbenzene	13.383	105	16122	2.763	ug/l	99
86) p-Isopropyltoluene	13.493	119	13039	2.627	ug/l	99
87) 1,3-Dichlorobenzene	13.499	146	7755	3.012	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	7895	3.071	ug/l	92
89) n-Butylbenzene	13.822	91	12453	2.705	ug/l	98
90) Hexachloroethane	14.091	117	2510	2.897	ug/l	94
91) 1,2-Dichlorobenzene	13.865	146	6869	3.004	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.481	75	477	2.705	ug/l	100
93) 1,2,4-Trichlorobenzene	15.127	180	4712	3.107	ug/l	94
94) Hexachlorobutadiene	15.231	225	3240	3.299	ug/l	94
95) Naphthalene	15.359	128	7001	2.592	ug/l	97
96) 1,2,3-Trichlorobenzene	15.548	180	4443	3.235	ug/l	97

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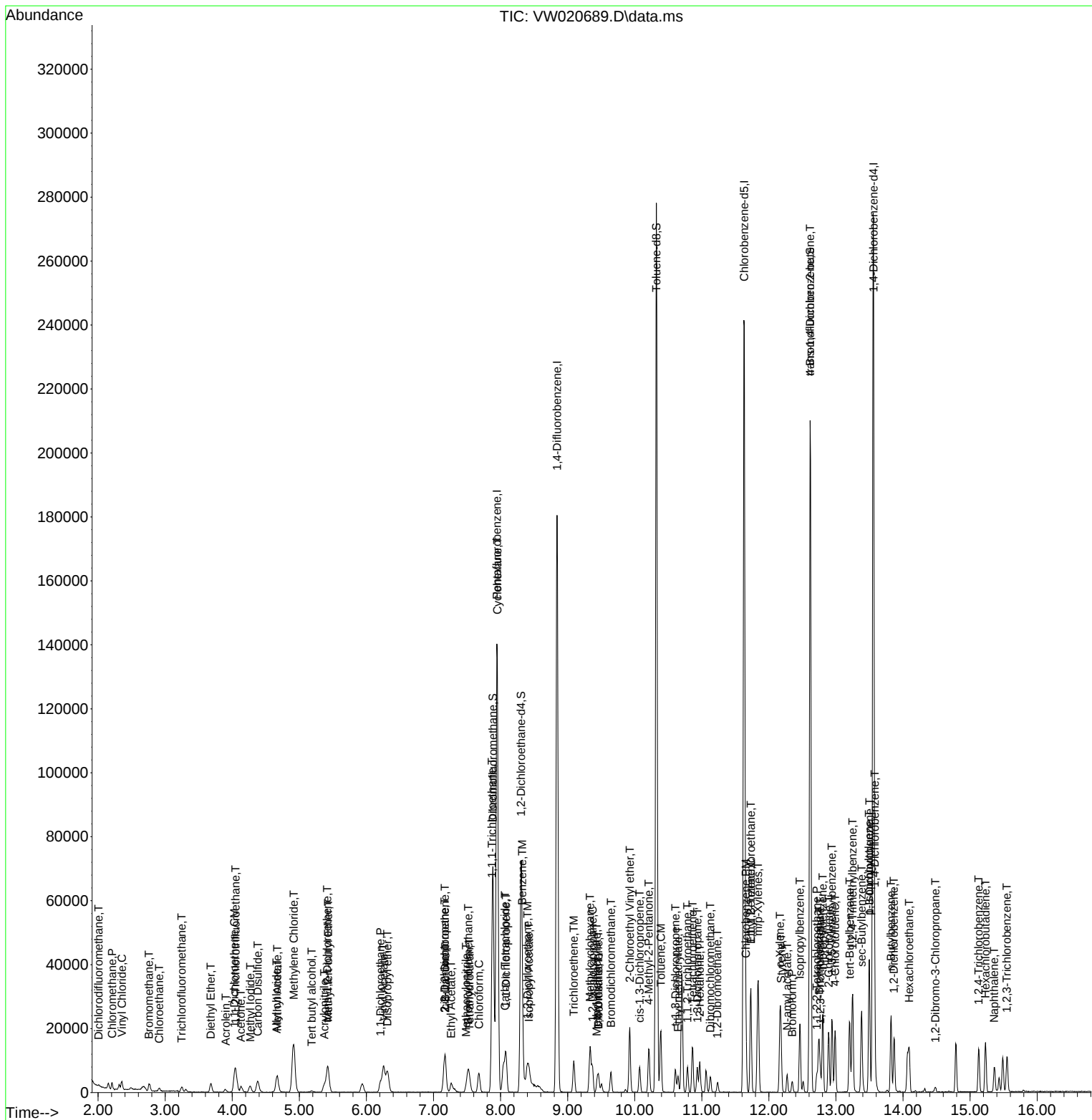
Instrument :
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ClientSampleId :
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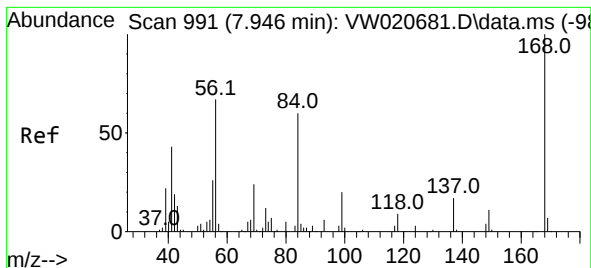
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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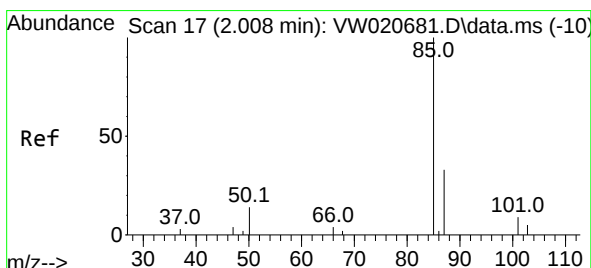
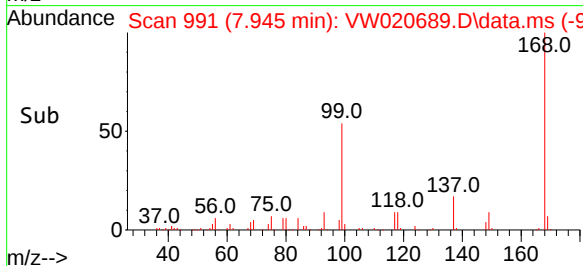
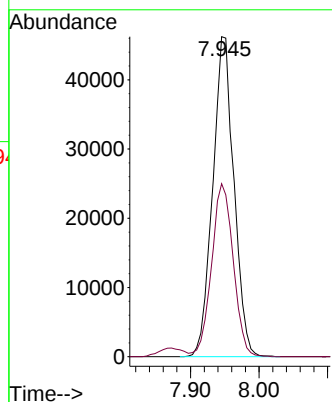
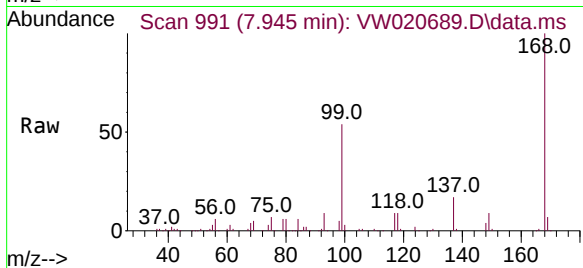




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.945 min Scan# 991
Delta R.T. -0.001 min
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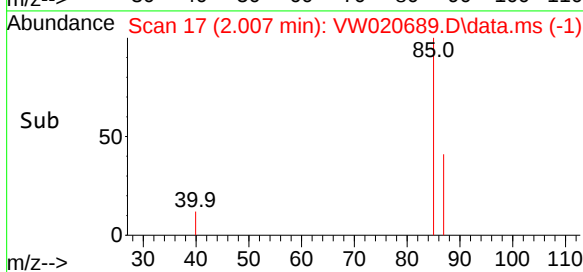
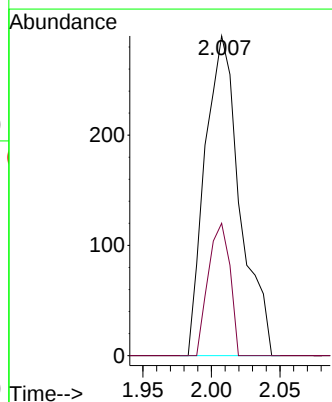
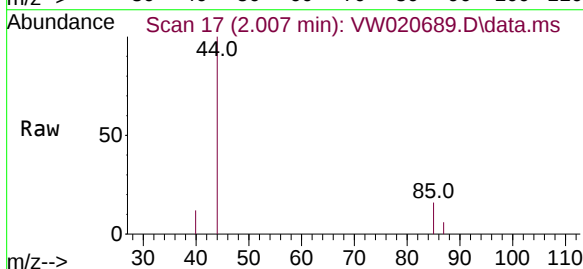
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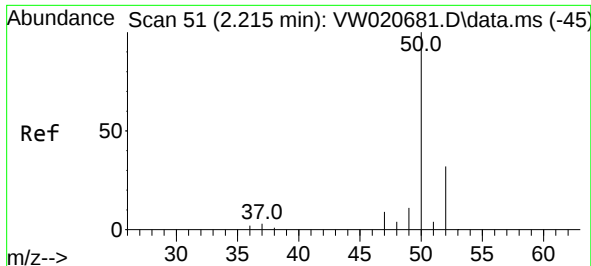
Tgt Ion:168 Resp: 99279
Ion Ratio Lower Upper
168 100
99 54.0 45.4 68.0



#2
Dichlorodifluoromethane
Concen: 1.969 ug/l
RT: 2.007 min Scan# 17
Delta R.T. -0.001 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 85 Resp: 515
Ion Ratio Lower Upper
85 100
87 41.4 16.7 50.0

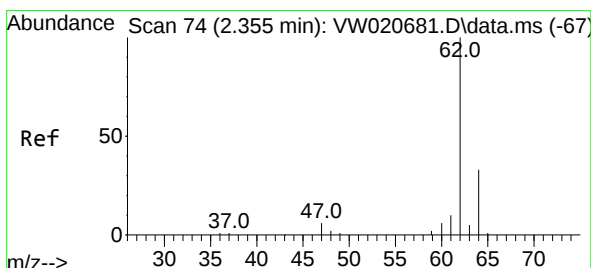
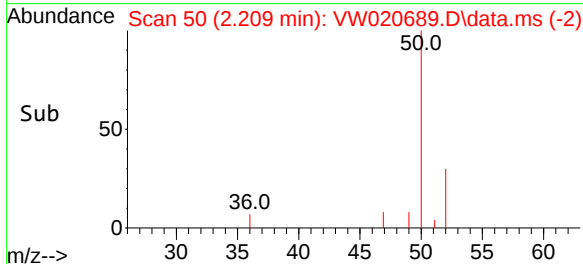
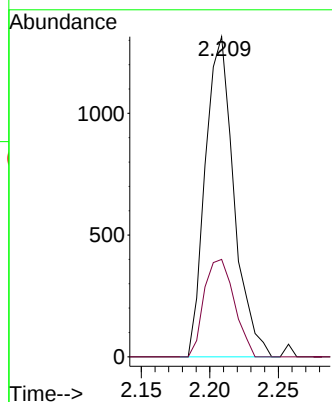
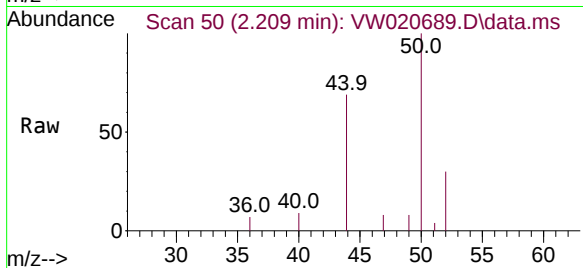




#3
Chloromethane
Concen: 2.912 ug/l
RT: 2.209 min Scan# 50
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

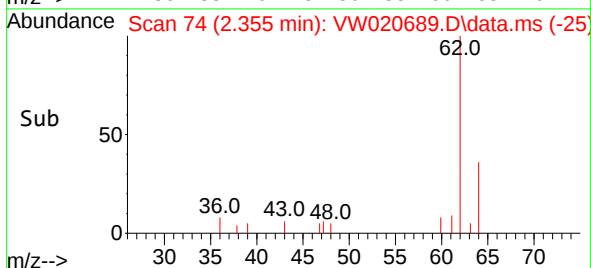
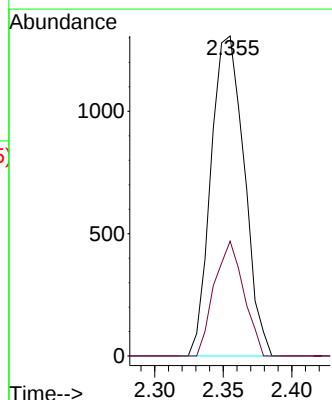
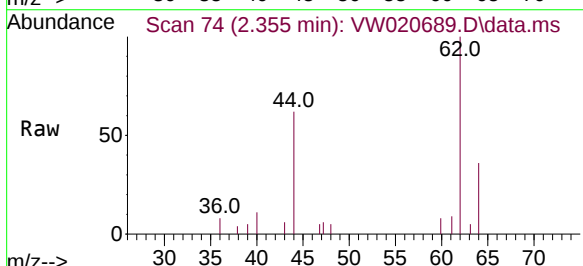
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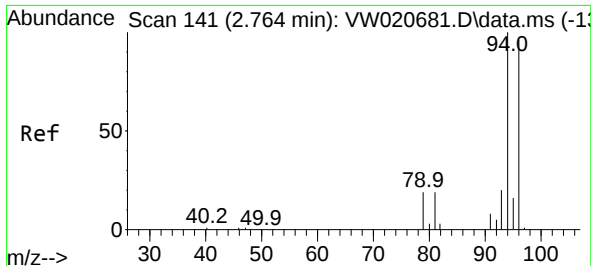
Tgt Ion: 50 Resp: 1913
Ion Ratio Lower Upper
50 100
52 30.4 25.9 38.9



#4
Vinyl Chloride
Concen: 2.618 ug/l
RT: 2.355 min Scan# 74
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 62 Resp: 2206
Ion Ratio Lower Upper
62 100
64 35.9 26.6 40.0

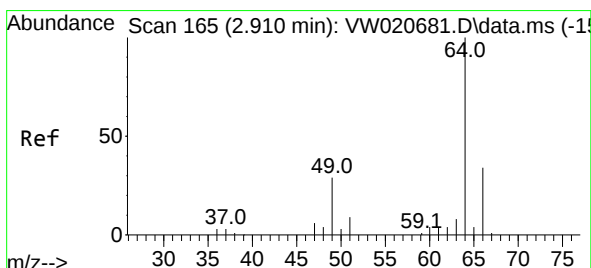
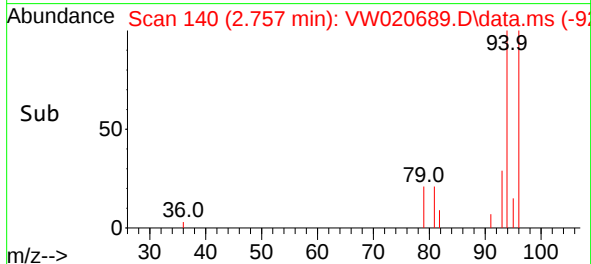
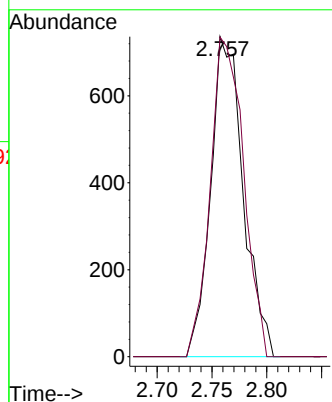
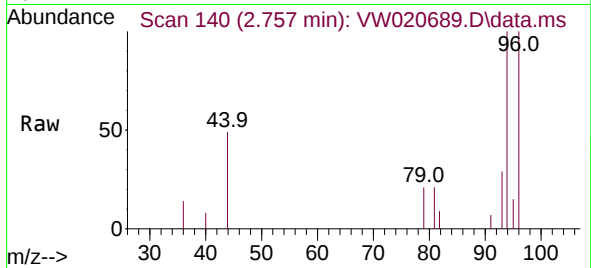




#5
Bromomethane
Concen: 3.035 ug/l
RT: 2.757 min Scan# 140
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

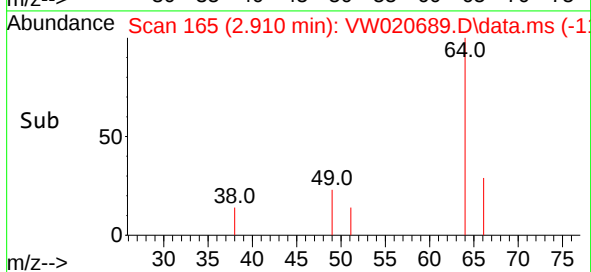
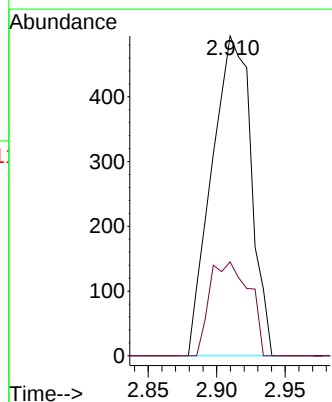
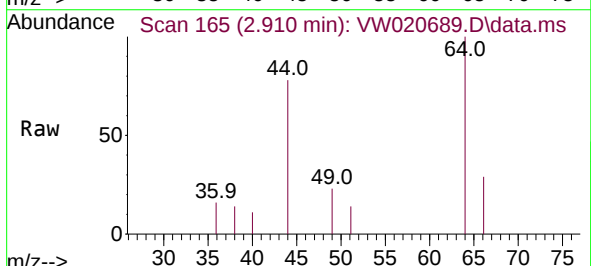
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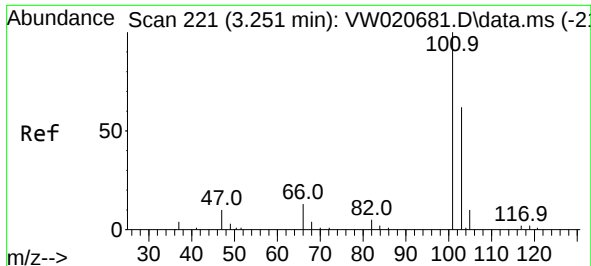
Tgt Ion: 94 Resp: 1520
Ion Ratio Lower Upper
94 100
96 99.9 76.7 115.1



#6
Chloroethane
Concen: 2.639 ug/l
RT: 2.910 min Scan# 165
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 64 Resp: 988
Ion Ratio Lower Upper
64 100
66 29.4 27.0 40.4

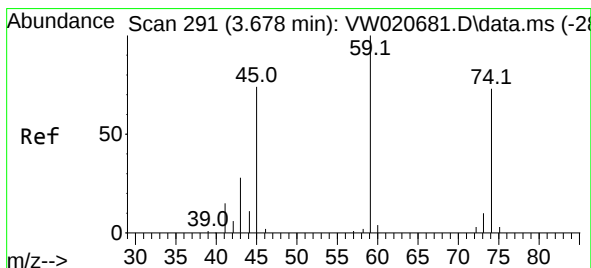
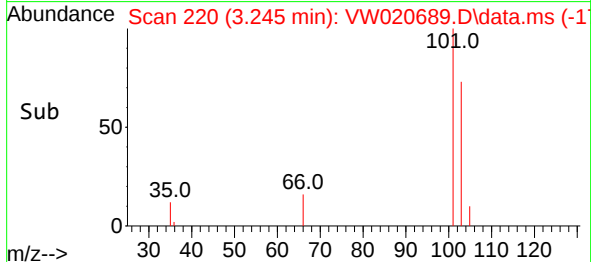
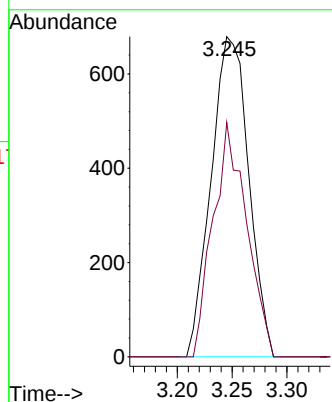
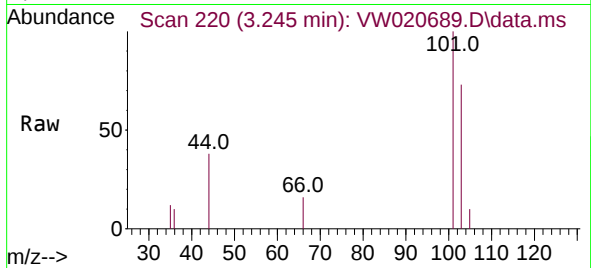




#7
 Trichlorofluoromethane
 Concen: 2.684 ug/l
 RT: 3.245 min Scan# 220
 Delta R.T. -0.006 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

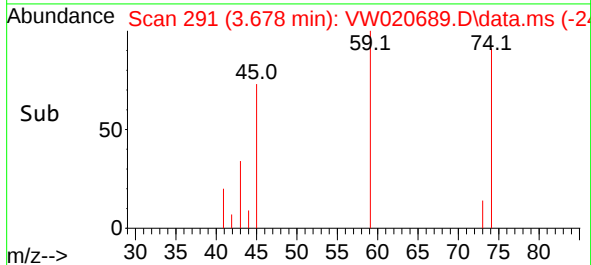
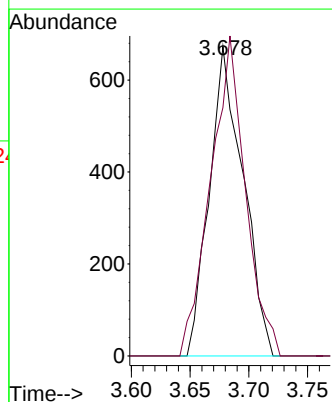
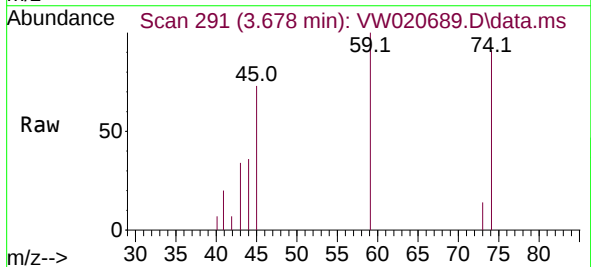
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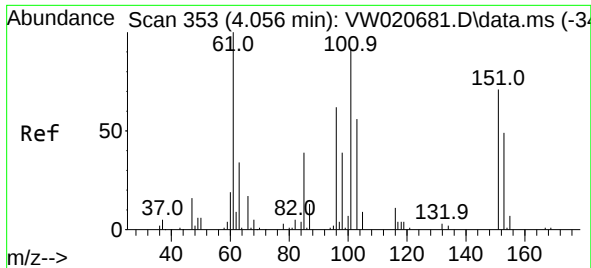
Tgt Ion:101 Resp: 1618
 Ion Ratio Lower Upper
 101 100
 103 73.2 49.4 74.0



#8
 Diethyl Ether
 Concen: 2.799 ug/l
 RT: 3.678 min Scan# 291
 Delta R.T. -0.000 min
 Lab File: VW020689.D
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Tgt Ion: 74 Resp: 1346
 Ion Ratio Lower Upper
 74 100
 45 106.5 50.0 150.1



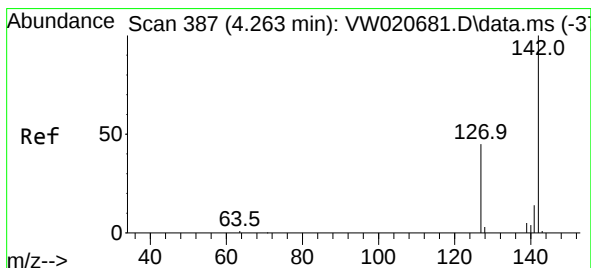
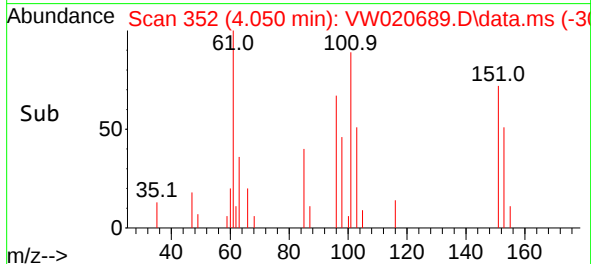
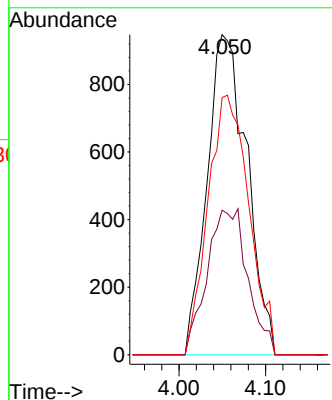
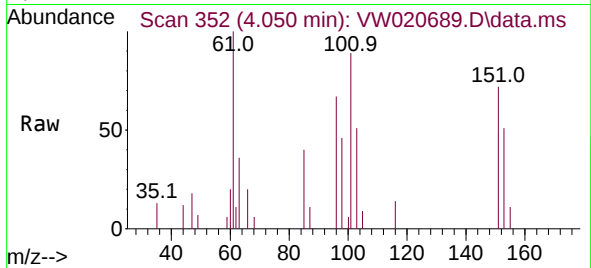


#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.050 ug/l
RT: 4.050 min Scan# 352
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

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

Tgt Ion:101 Resp: 3018

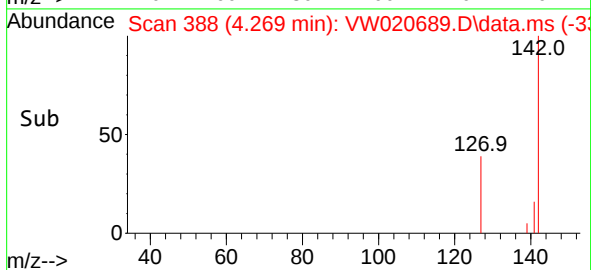
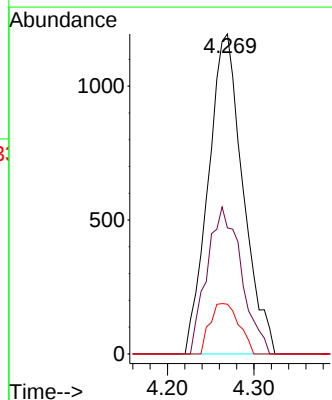
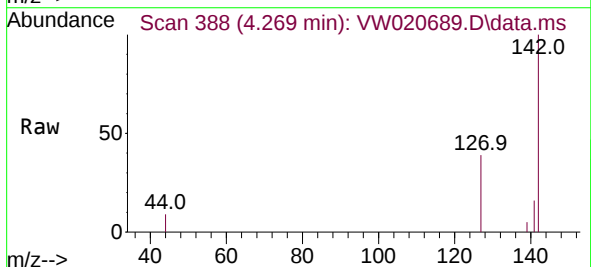
Ion	Ratio	Lower	Upper
101	100		
85	46.4	34.9	52.3
151	83.4	64.5	96.7

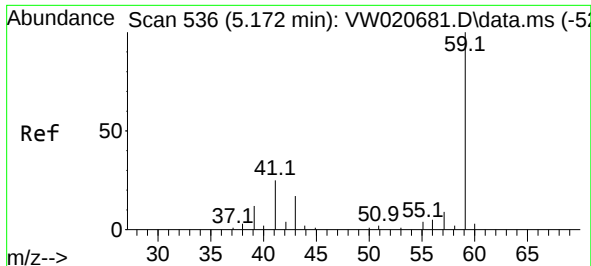


#10
Methyl Iodide
Concen: 2.700 ug/l
RT: 4.269 min Scan# 388
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:142 Resp: 3317

Ion	Ratio	Lower	Upper
142	100		
127	45.5	35.8	53.6
141	13.1	11.8	17.6

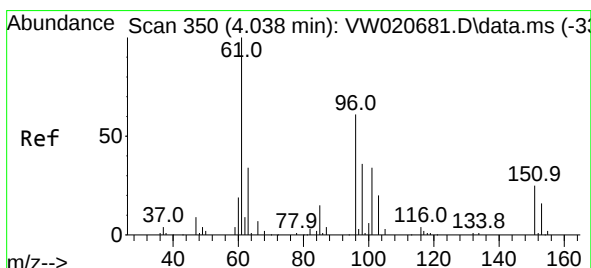
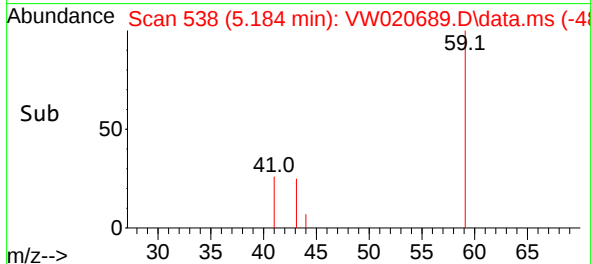
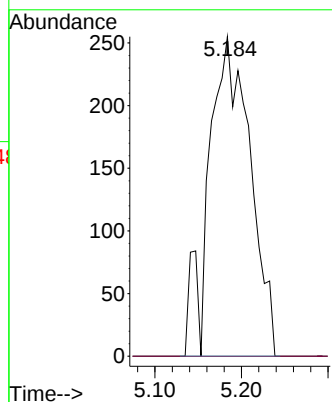
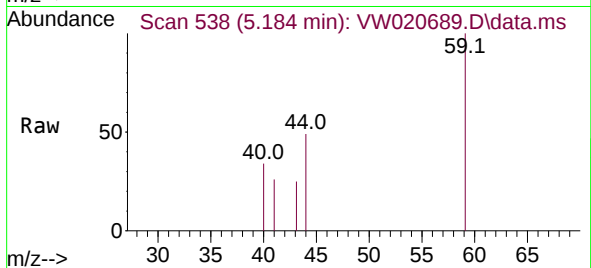




#11
Tert butyl alcohol
Concen: 12.597 ug/l
RT: 5.184 min Scan# 538
Delta R.T. 0.012 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

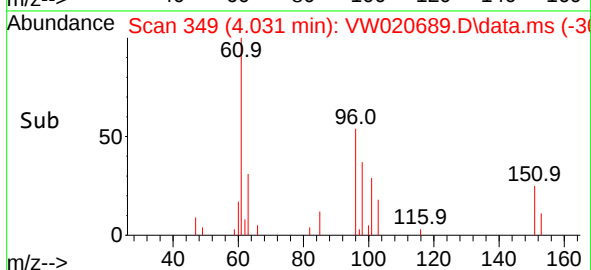
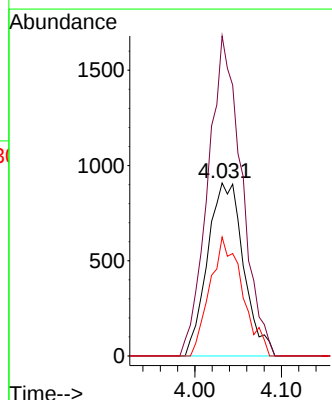
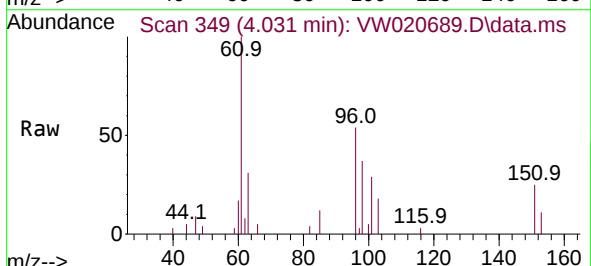
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

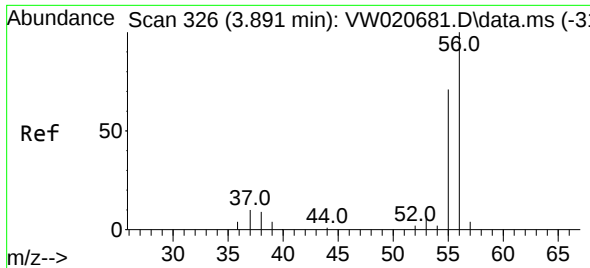
Tgt Ion: 59 Resp: 851
Ion Ratio Lower Upper
59 100
57 0.0 4.2 6.2#



#12
1,1-Dichloroethene
Concen: 2.846 ug/l
RT: 4.031 min Scan# 349
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 96 Resp: 2630
Ion Ratio Lower Upper
96 100
61 185.0 131.0 196.6
98 68.7 47.8 71.6

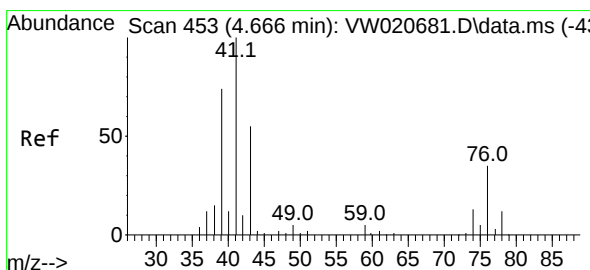
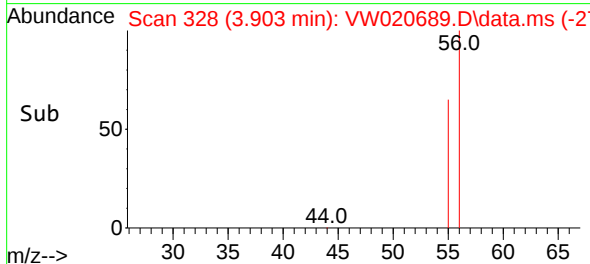
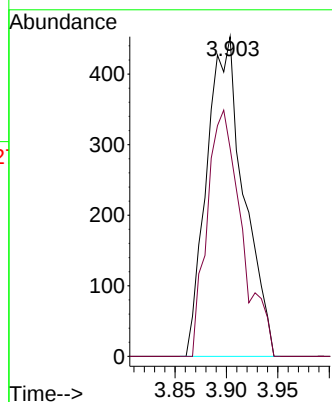
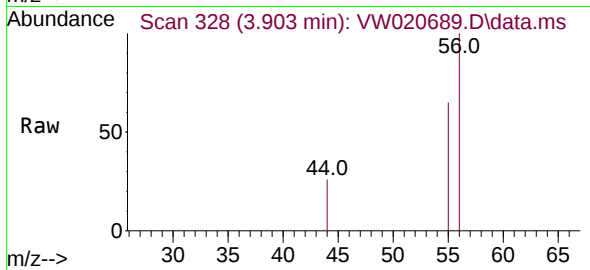




#13
Acrolein
Concen: 18.802 ug/l
RT: 3.903 min Scan# 328
Delta R.T. 0.012 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

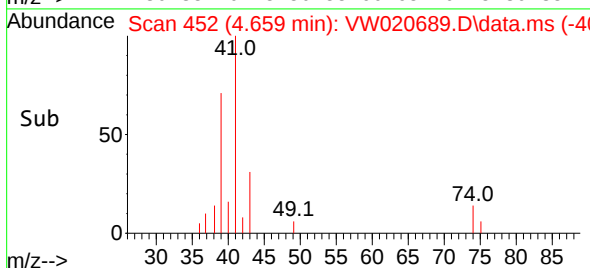
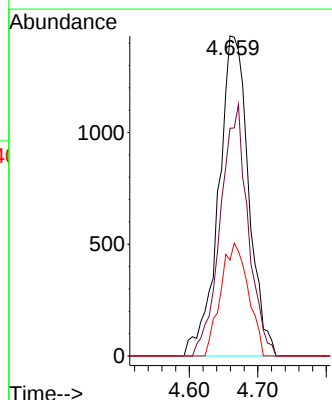
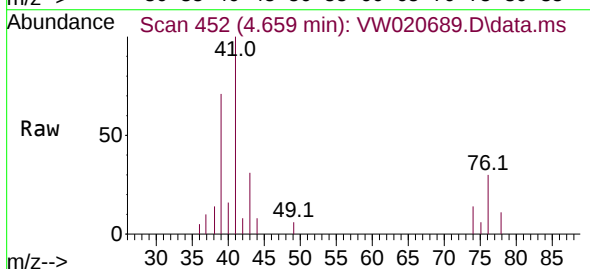
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

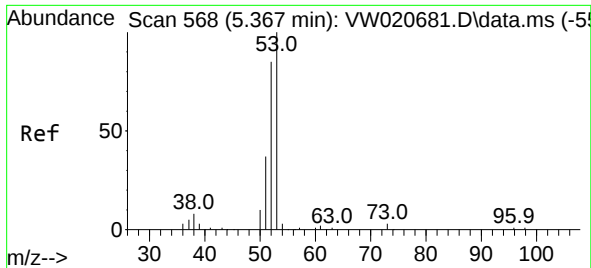
Tgt Ion: 56 Resp: 1137
Ion Ratio Lower Upper
56 100
55 71.8 55.5 83.3



#14
Allyl chloride
Concen: 2.921 ug/l
RT: 4.659 min Scan# 452
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 41 Resp: 4357
Ion Ratio Lower Upper
41 100
39 72.1 57.1 85.7
76 32.3 27.1 40.7

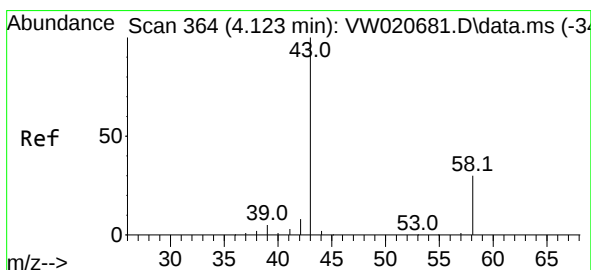
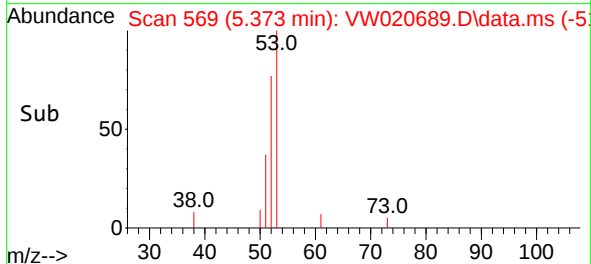
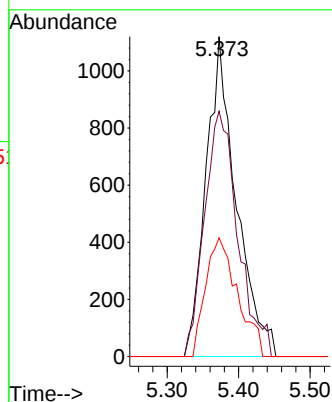
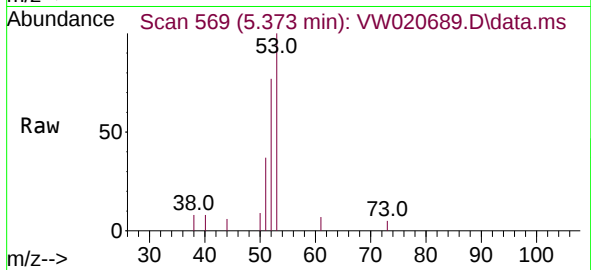




#15
Acrylonitrile
Concen: 13.400 ug/l
RT: 5.373 min Scan# 569
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

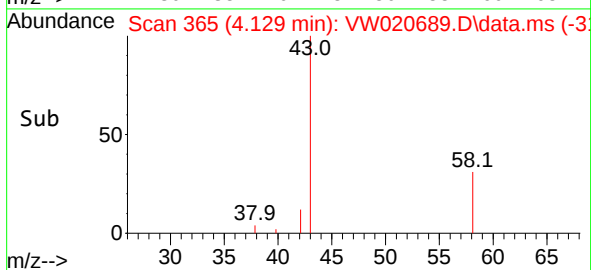
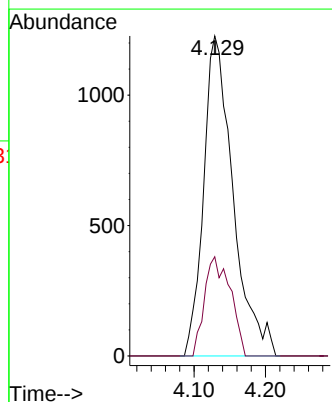
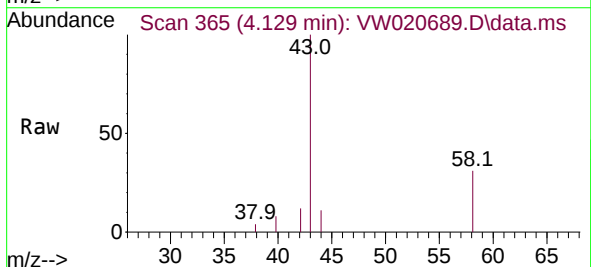
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

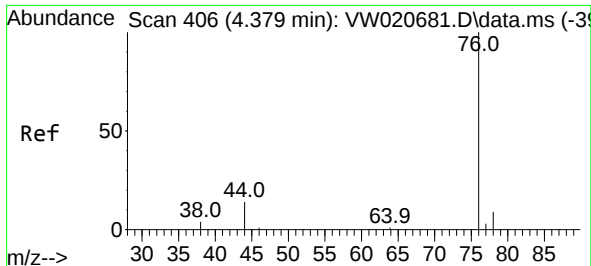
Tgt Ion:	53	Resp:	3287
Ion	Ratio	Lower	Upper
53	100		
52	84.5	66.8	100.2
51	39.2	30.1	45.1



#16
Acetone
Concen: 13.058 ug/l
RT: 4.129 min Scan# 365
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	43	Resp:	3520
Ion	Ratio	Lower	Upper
43	100		
58	31.0	24.2	36.2

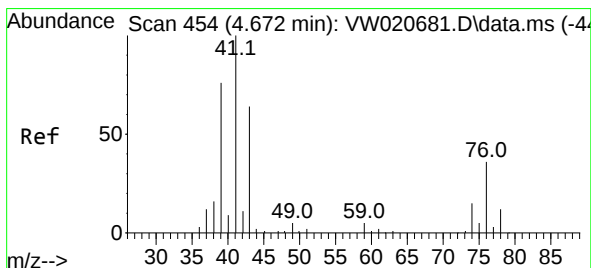
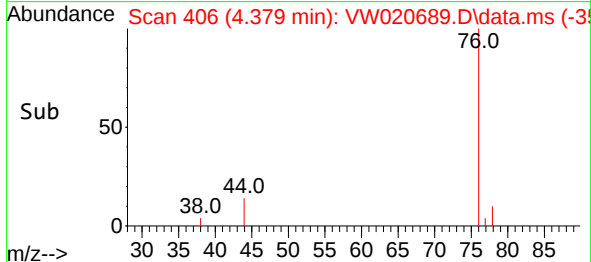
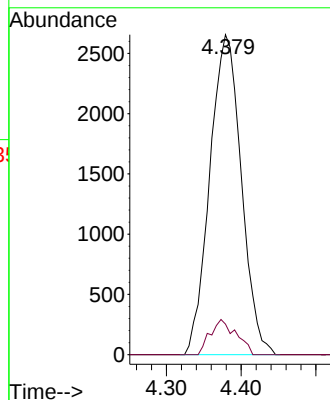
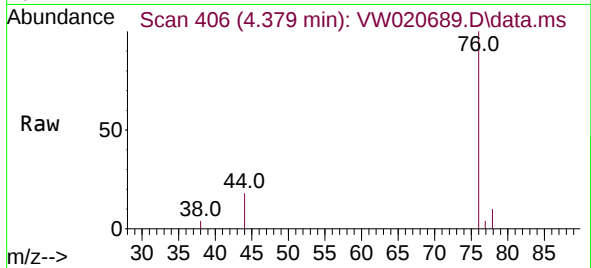




#17
Carbon Disulfide
Concen: 2.901 ug/l
RT: 4.379 min Scan# 406
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

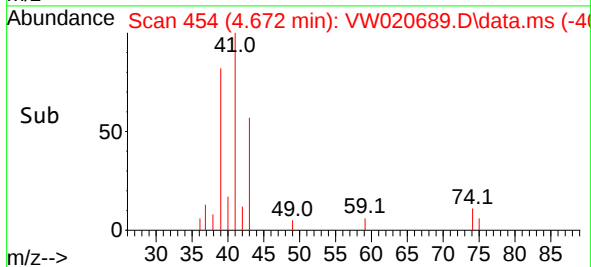
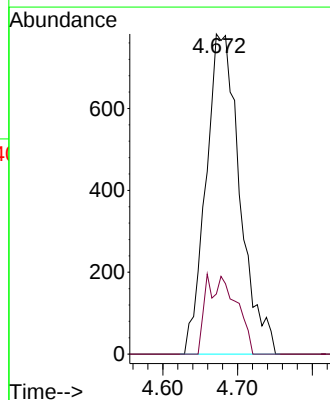
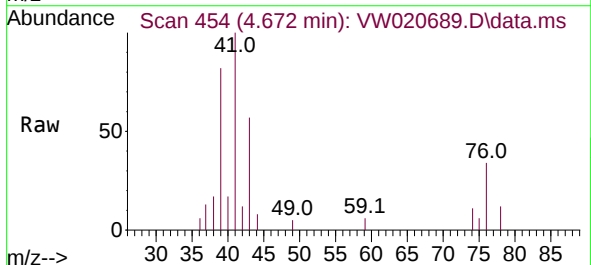
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

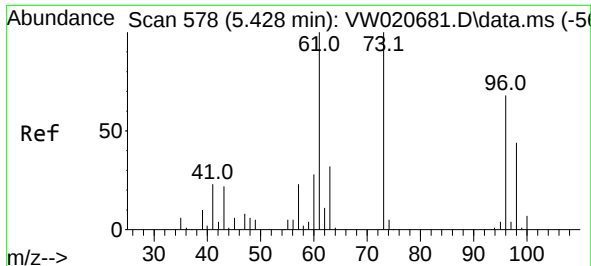
Tgt Ion: 76 Resp: 7789
Ion Ratio Lower Upper
76 100
78 9.5 7.2 10.8



#18
Methyl Acetate
Concen: 2.959 ug/l
RT: 4.672 min Scan# 454
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
74 21.9 18.7 28.1

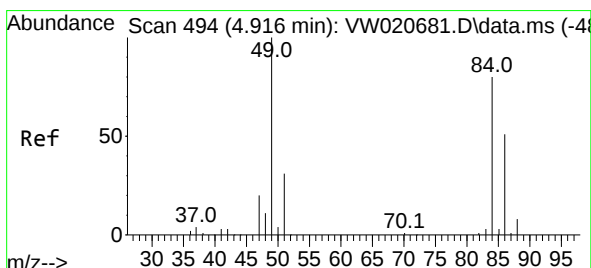
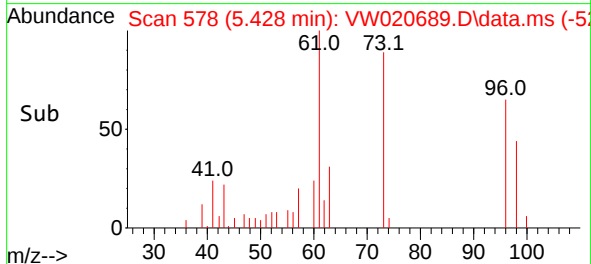
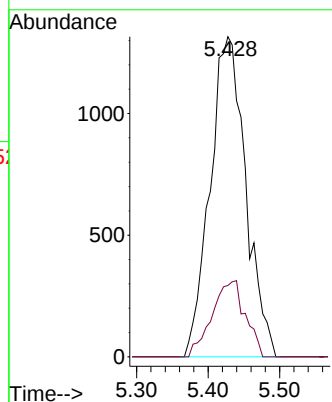
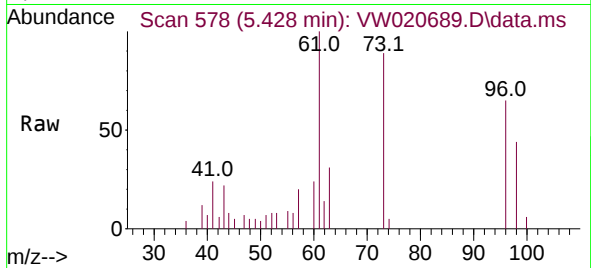




#19
Methyl tert-butyl Ether
Concen: 2.870 ug/l
RT: 5.428 min Scan# 578
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

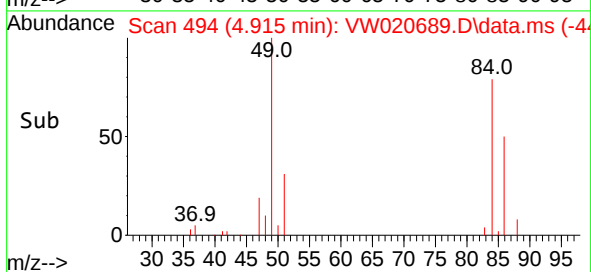
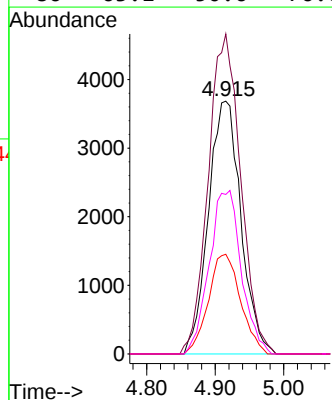
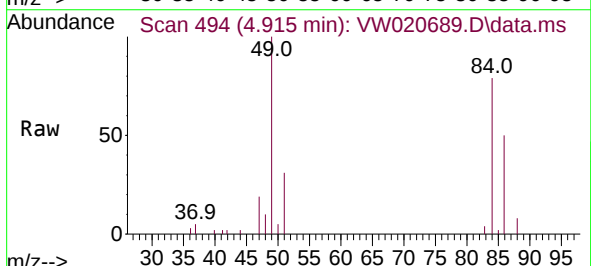
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

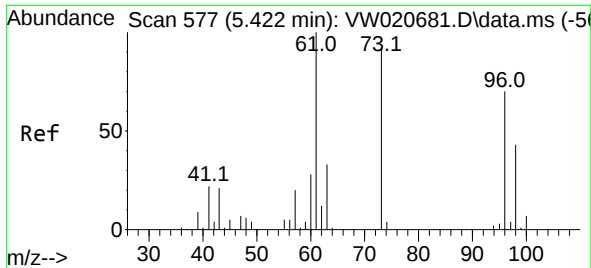
Tgt Ion: 73 Resp: 4548
Ion Ratio Lower Upper
73 100
57 22.3 18.2 27.4



#20
Methylene Chloride
Concen: 8.925 ug/l
RT: 4.915 min Scan# 494
Delta R.T. -0.001 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 84 Resp: 12128
Ion Ratio Lower Upper
84 100
49 126.6 100.0 150.0
51 39.4 30.8 46.2
86 63.1 50.6 76.0

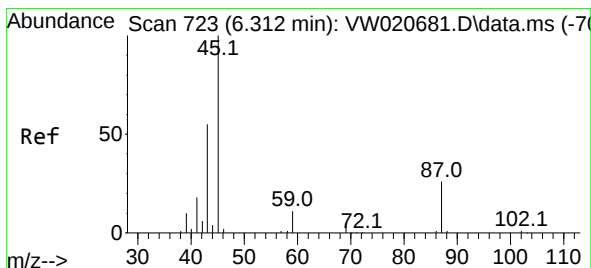
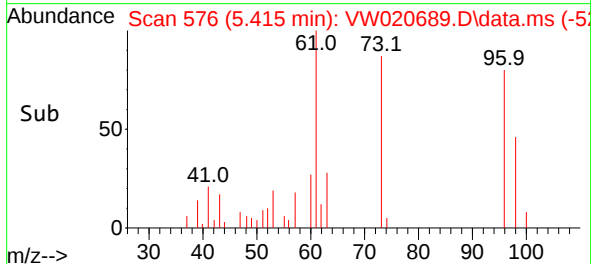
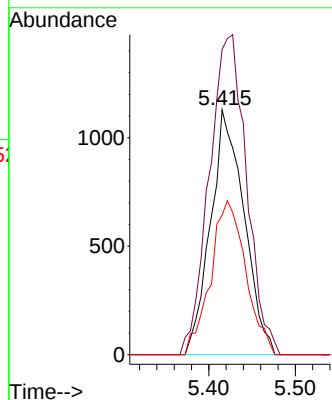
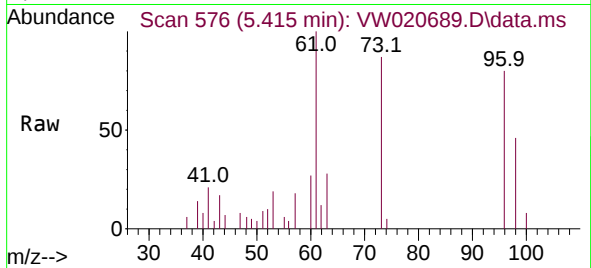




#21
trans-1,2-Dichloroethene
Concen: 2.941 ug/l
RT: 5.415 min Scan# 576
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

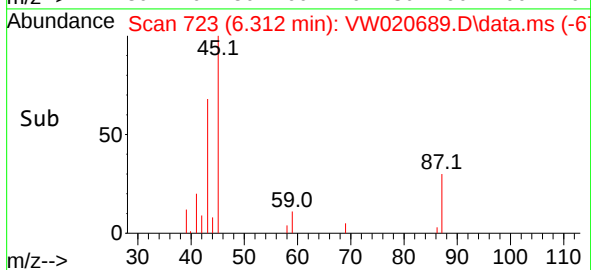
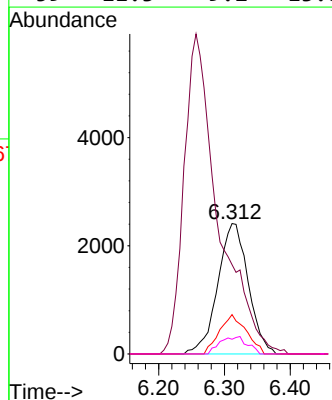
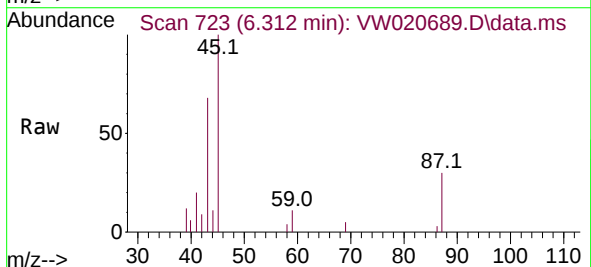
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

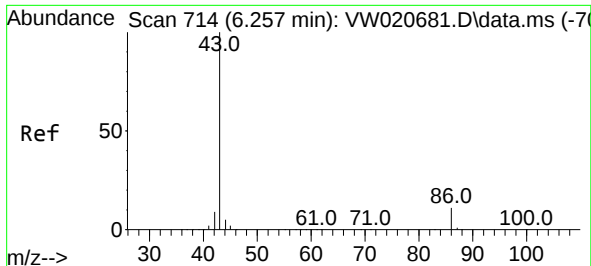
Tgt Ion:	96	Resp:	3035
Ion	Ratio	Lower	Upper
96	100		
61	124.8	113.5	170.3
98	57.0	48.6	72.8



#22
Diisopropyl ether
Concen: 2.660 ug/l
RT: 6.312 min Scan# 723
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	45	Resp:	7764
Ion	Ratio	Lower	Upper
45	100		
43	65.9	45.1	67.7
87	30.2	21.2	31.8
59	11.3	9.2	13.8

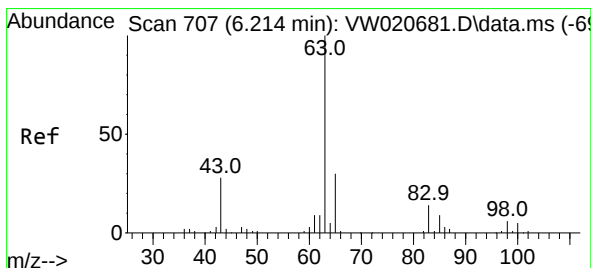
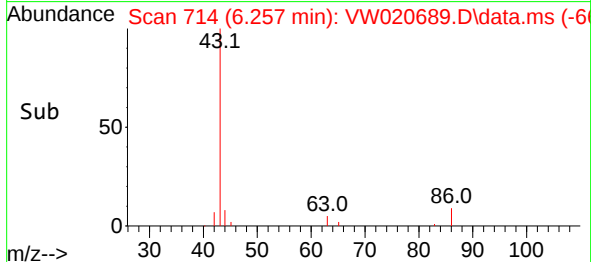
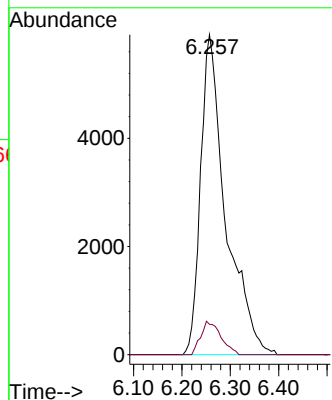
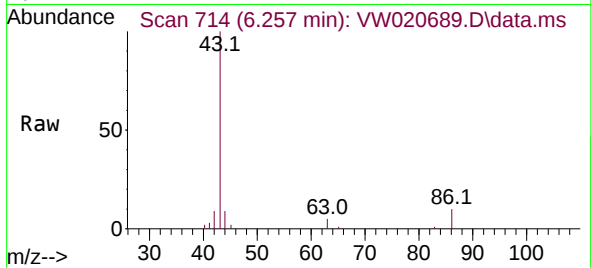




#23
 Vinyl Acetate
 Concen: 12.478 ug/l
 RT: 6.257 min Scan# 714
 Delta R.T. -0.000 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

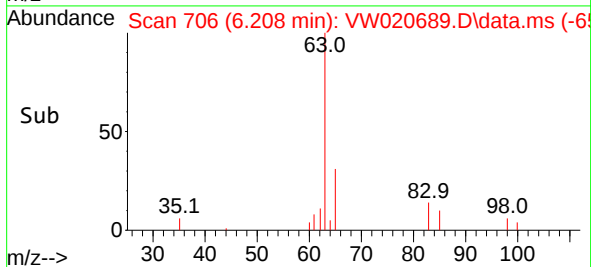
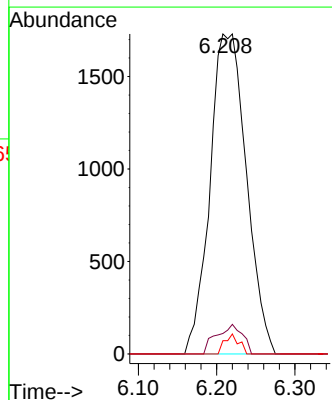
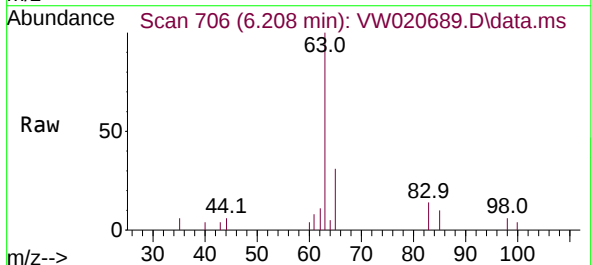
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

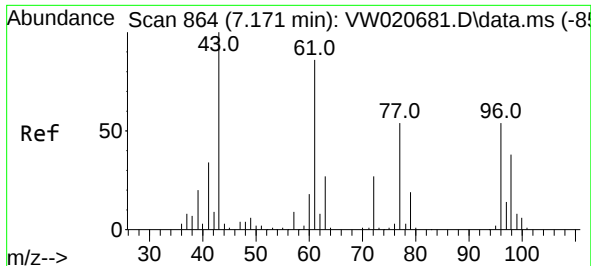
Tgt Ion: 43 Resp: 21332
 Ion Ratio Lower Upper
 43 100
 86 9.5 8.5 12.7



#24
 1,1-Dichloroethane
 Concen: 2.996 ug/l
 RT: 6.208 min Scan# 706
 Delta R.T. -0.006 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

Tgt Ion: 63 Resp: 5590
 Ion Ratio Lower Upper
 63 100
 98 6.4 3.2 9.6
 100 4.2 2.3 6.8





#25

2-Butanone

Concen: 12.269 ug/l

RT: 7.177 min Scan# 865

Delta R.T. 0.006 min

Lab File: VW020689.D

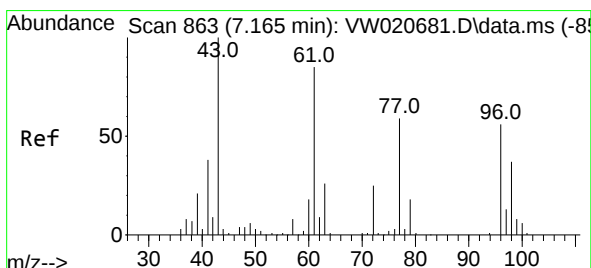
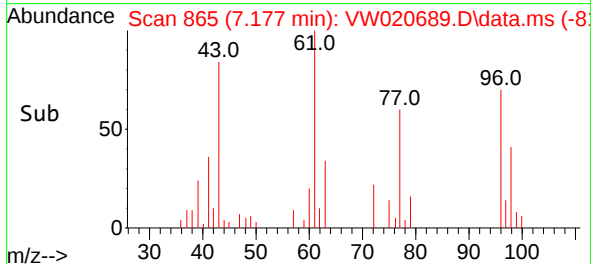
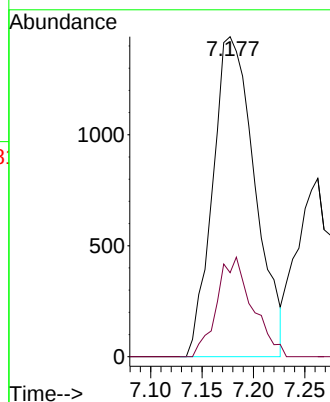
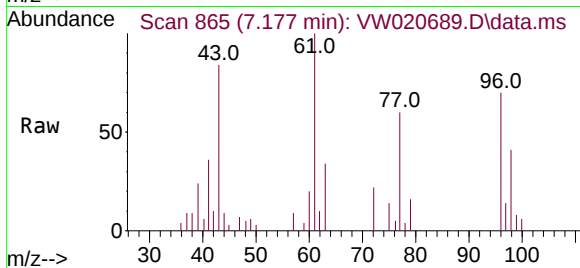
Acq: 22 Oct 2021 18:25

Tgt Ion: 43 Resp: 4127

Ion Ratio Lower Upper

43 100

72 26.3 21.4 32.0



#26

2,2-Dichloropropane

Concen: 2.959 ug/l

RT: 7.165 min Scan# 863

Delta R.T. -0.000 min

Lab File: VW020689.D

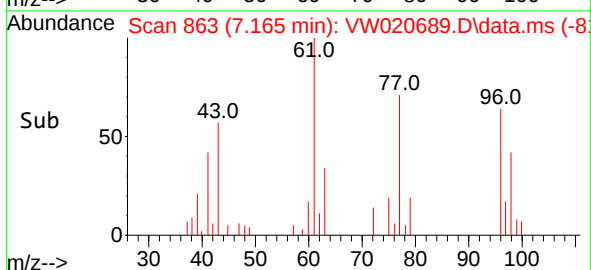
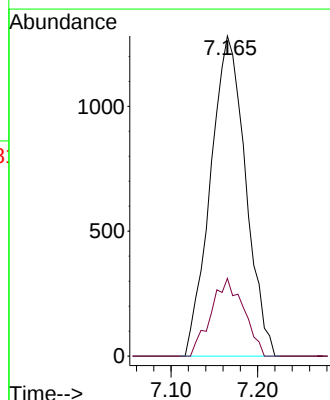
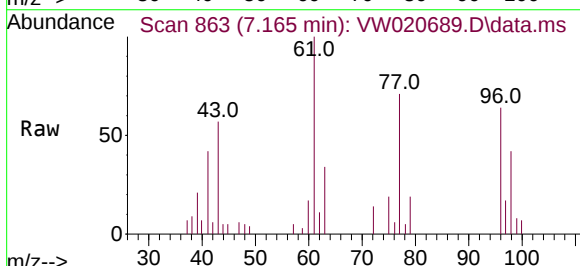
Acq: 22 Oct 2021 18:25

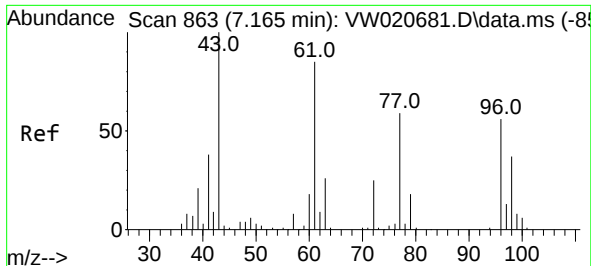
Tgt Ion: 77 Resp: 3614

Ion Ratio Lower Upper

77 100

97 22.6 11.4 34.2





#27

cis-1,2-Dichloroethene

Concen: 2.982 ug/l

RT: 7.171 min Scan# 864

Delta R.T. 0.006 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion: 96 Resp: 3279

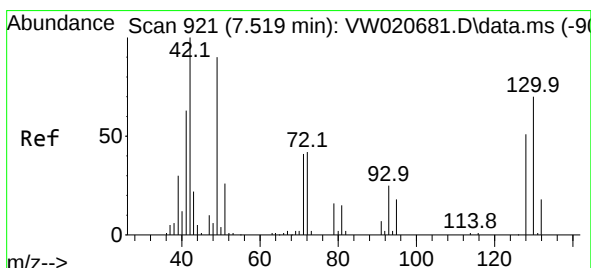
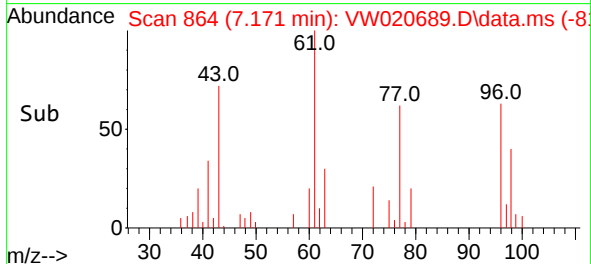
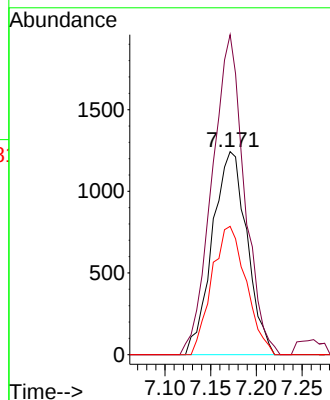
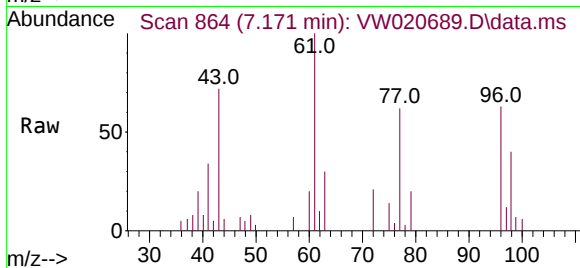
Ion	Ratio	Lower	Upper
96	100		
61	147.6	0.0	298.0
98	62.5	0.0	129.4

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#28

Bromochloromethane

Concen: 4.174 ug/l

RT: 7.519 min Scan# 921

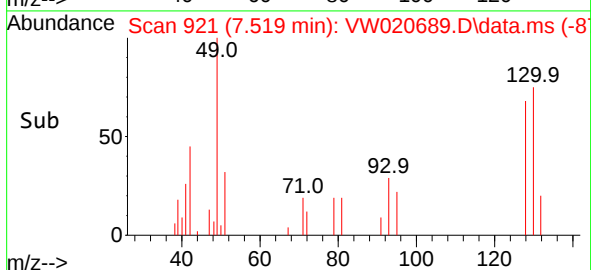
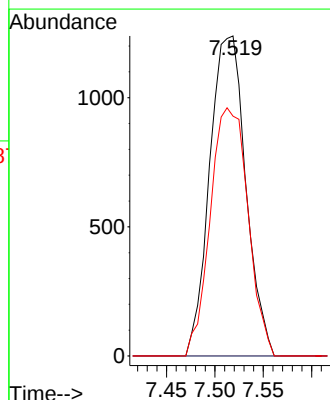
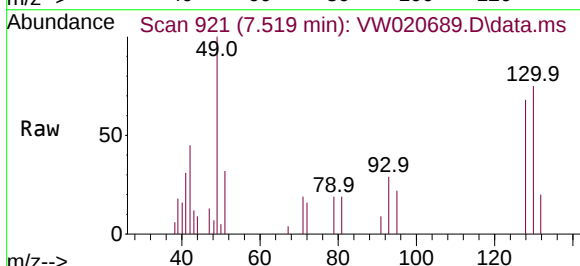
Delta R.T. -0.000 min

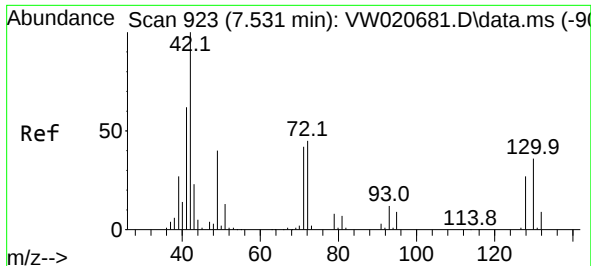
Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion: 49 Resp: 3220

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	0.0
130	80.8	63.0	94.6





#29

Tetrahydrofuran

Concen: 13.036 ug/l

RT: 7.537 min Scan# 924

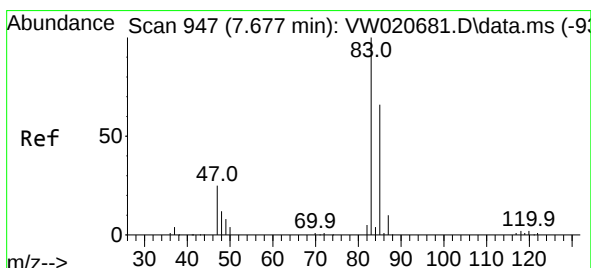
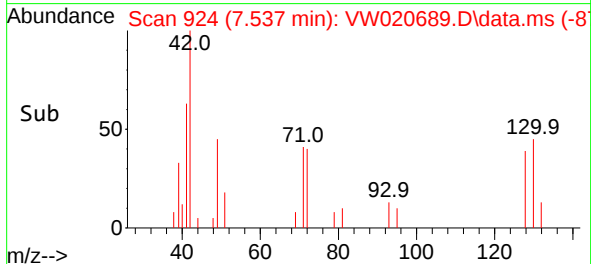
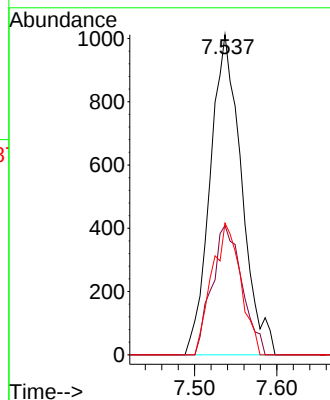
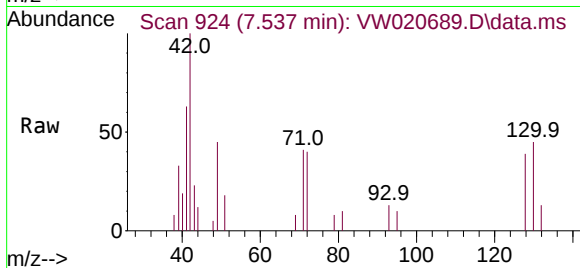
Delta R.T. 0.006 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion: 42 Resp: 2683

Ion	Ratio	Lower	Upper
42	100		
72	38.8	35.0	52.6
71	37.6	32.2	48.4



#30

Chloroform

Concen: 3.020 ug/l

RT: 7.677 min Scan# 947

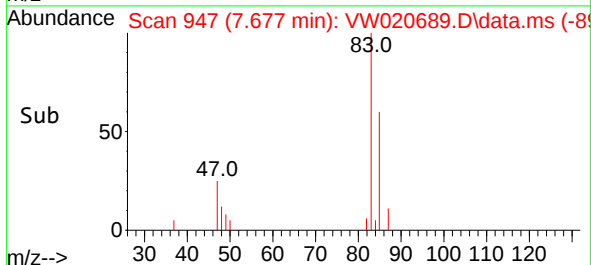
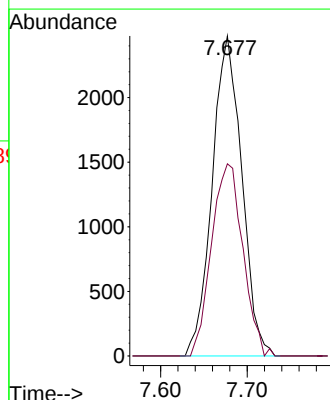
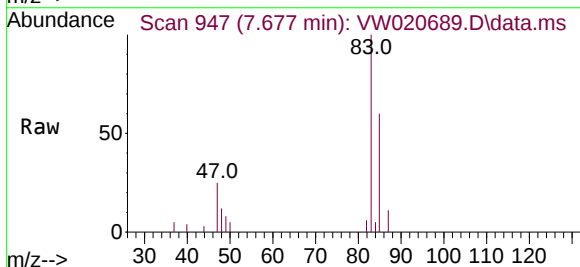
Delta R.T. -0.000 min

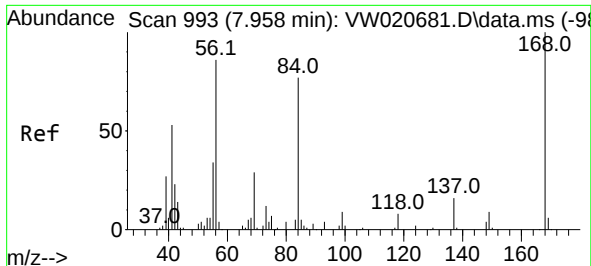
Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion: 83 Resp: 5878

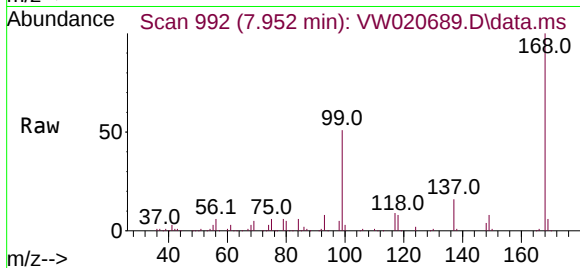
Ion	Ratio	Lower	Upper
83	100		
85	60.1	52.9	79.3



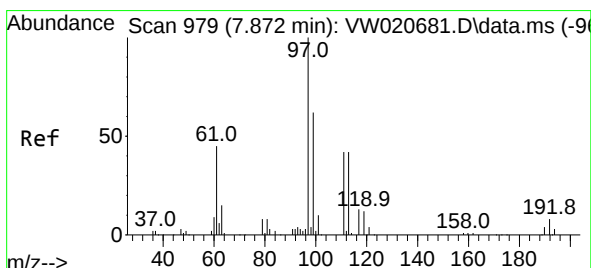
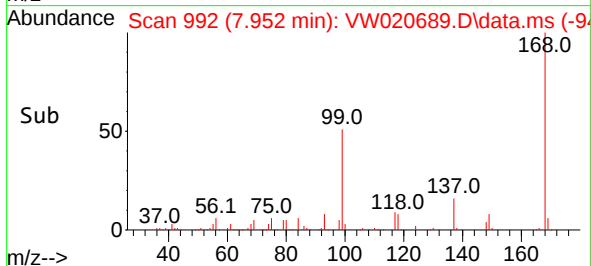
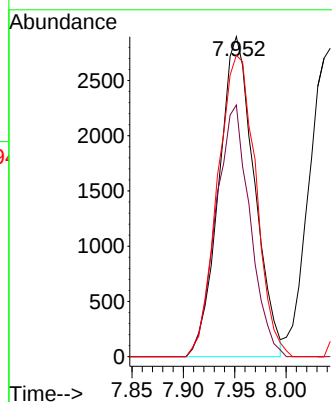


#31
Cyclohexane
Concen: 3.705 ug/l
RT: 7.952 min Scan# 992
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

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

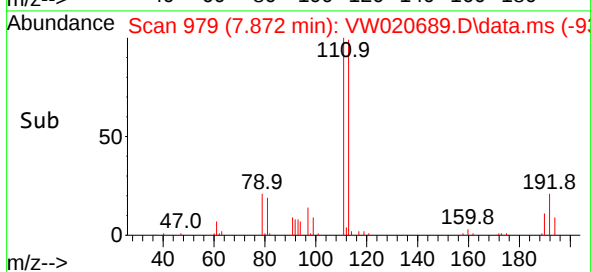
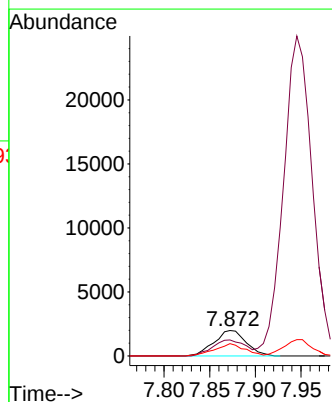
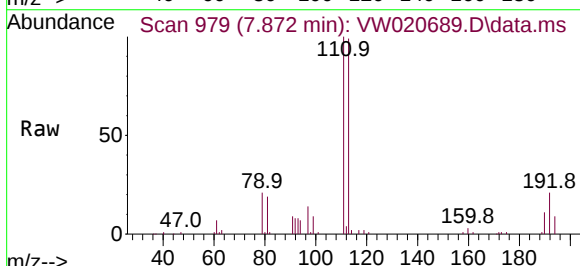


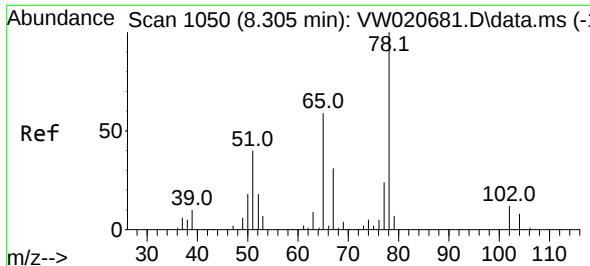
Tgt Ion: 56 Resp: 6935
Ion Ratio Lower Upper
56 100
69 78.7 27.2 40.8#
84 94.2 71.8 107.6



#32
1,1,1-Trichloroethane
Concen: 2.950 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 97 Resp: 4856
Ion Ratio Lower Upper
97 100
99 63.7 50.6 75.8
61 45.1 36.6 55.0

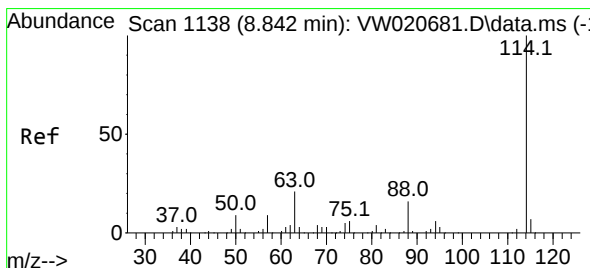
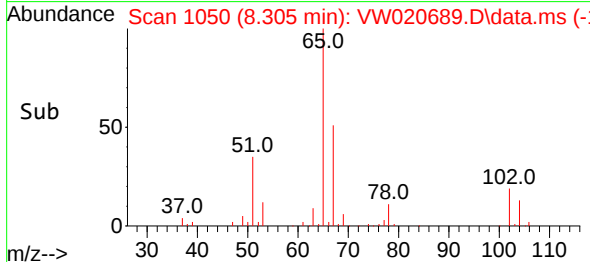
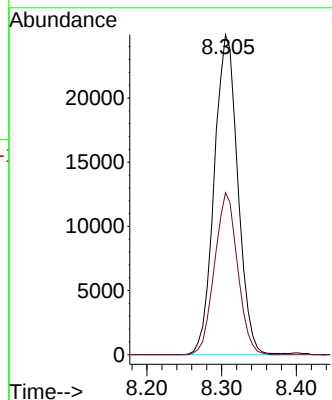
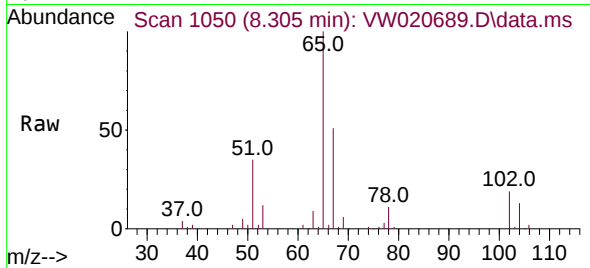




#33
 1,2-Dichloroethane-d4
 Concen: 49.601 ug/l
 RT: 8.305 min Scan# 1050
 Delta R.T. -0.000 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

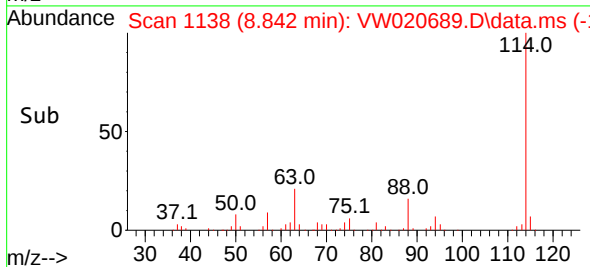
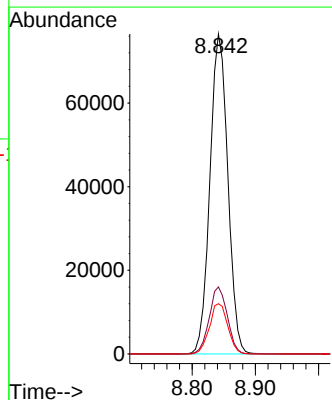
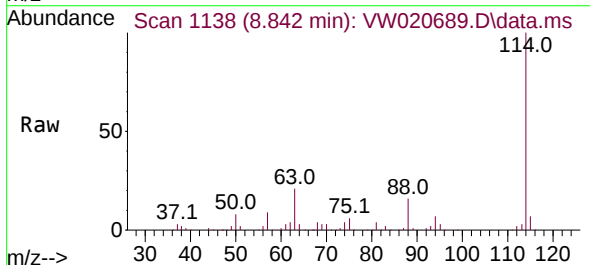
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

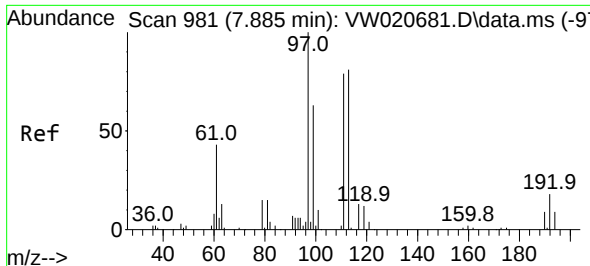
Tgt Ion: 65 Resp: 54712
 Ion Ratio Lower Upper
 65 100
 67 49.6 0.0 102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.842 min Scan# 1138
 Delta R.T. -0.000 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

Tgt Ion: 114 Resp: 150164
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 42.8
 88 15.7 0.0 33.0





#35

Dibromofluoromethane

Concen: 46.528 ug/l

RT: 7.884 min Scan# 981

Delta R.T. -0.000 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

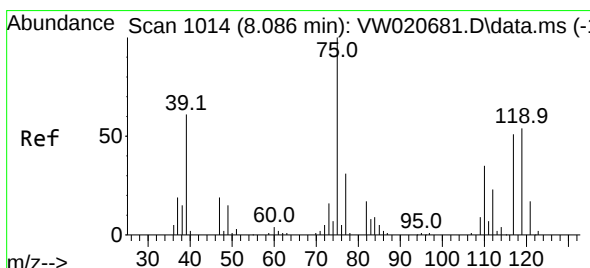
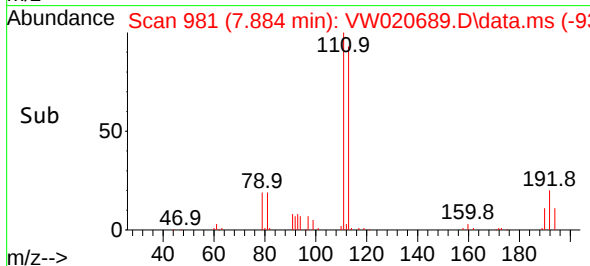
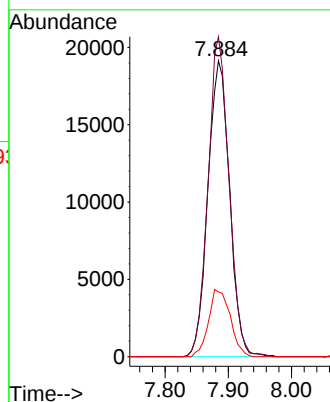
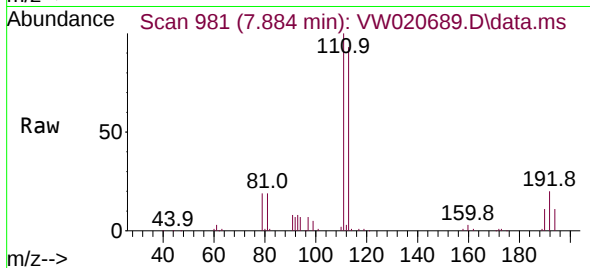
Tgt Ion:113 Resp: 45693

Ion Ratio Lower Upper

113 100

111 104.5 82.1 123.1

192 22.7 17.8 26.8



#36

1,1-Dichloropropene

Concen: 2.813 ug/l

RT: 8.080 min Scan# 1013

Delta R.T. -0.006 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

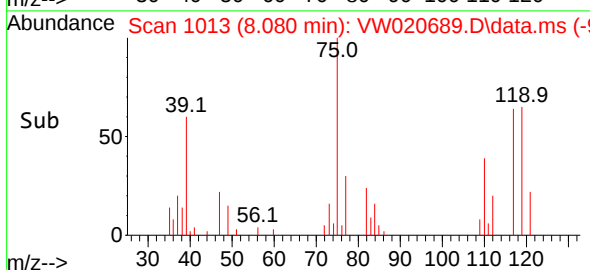
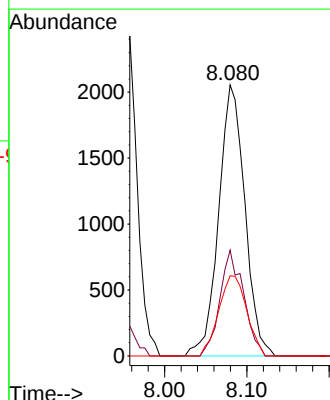
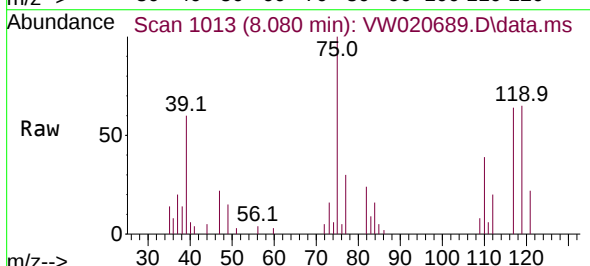
Tgt Ion: 75 Resp: 4550

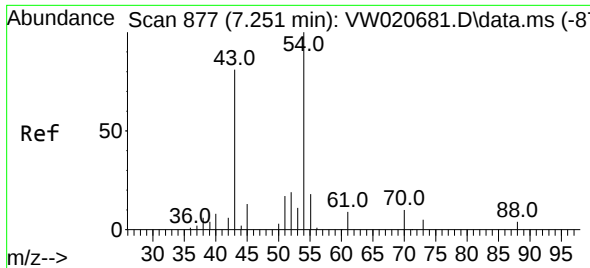
Ion Ratio Lower Upper

75 100

110 35.3 17.1 51.3

77 31.5 24.9 37.3

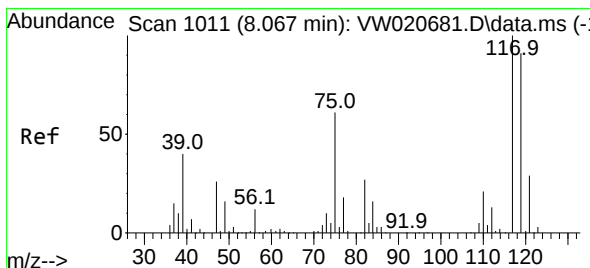
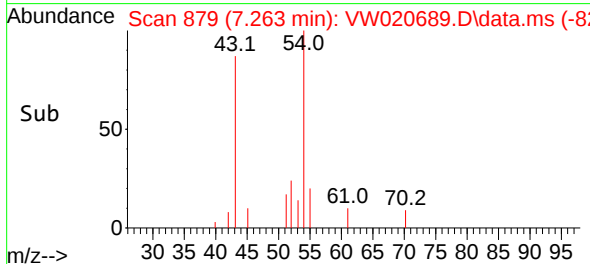
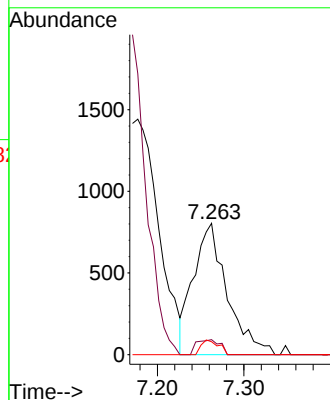
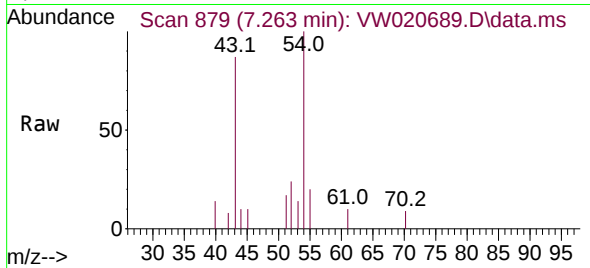




#37
Ethyl Acetate
Concen: 2.913 ug/l
RT: 7.263 min Scan# 879
Delta R.T. 0.012 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

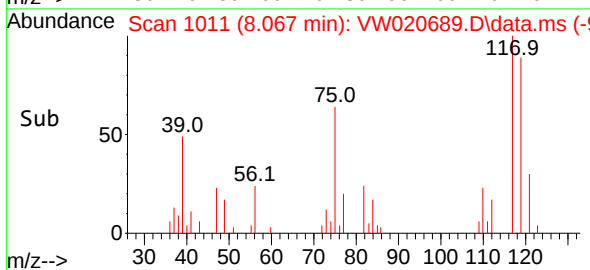
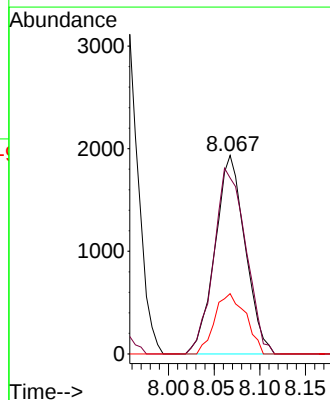
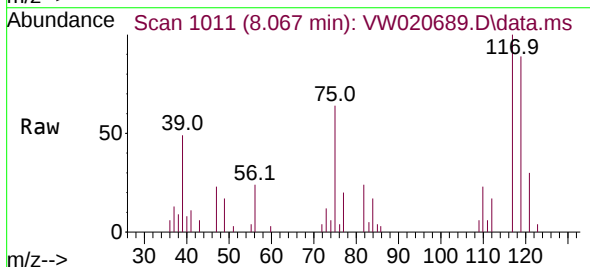
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

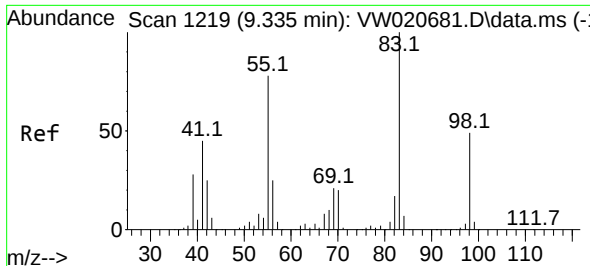
Tgt Ion: 43 Resp: 2180
Ion Ratio Lower Upper
43 100
61 7.9 10.3 15.5#
70 5.7 8.8 13.2#



#38
Carbon Tetrachloride
Concen: 2.772 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 117 Resp: 4445
Ion Ratio Lower Upper
117 100
119 88.6 72.9 109.3
121 30.4 23.4 35.0

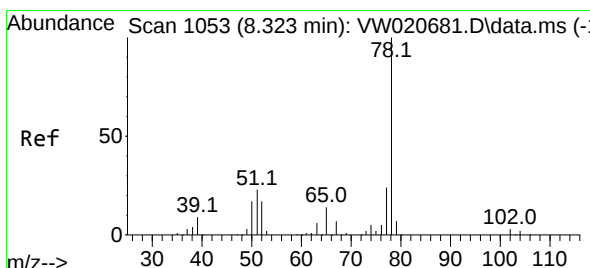
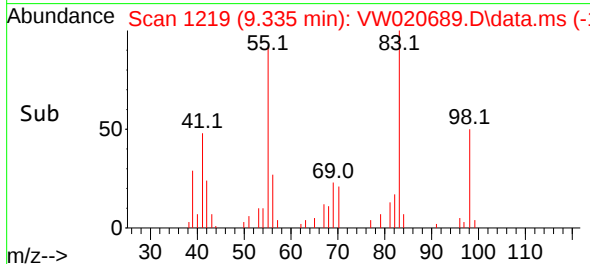
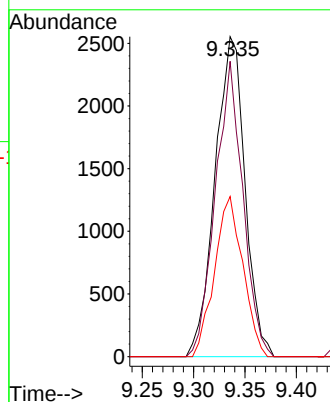
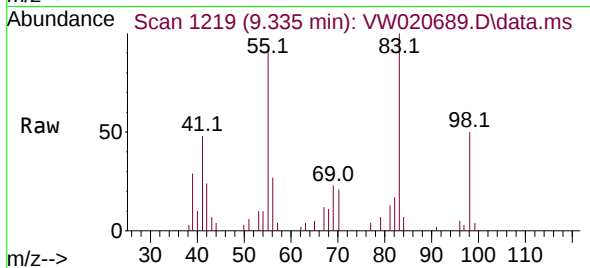




#39
Methylcyclohexane
Concen: 2.742 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

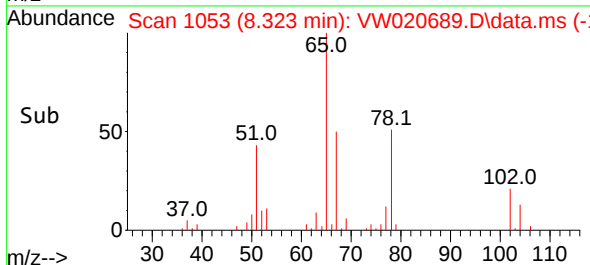
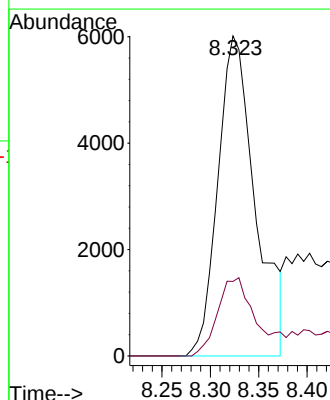
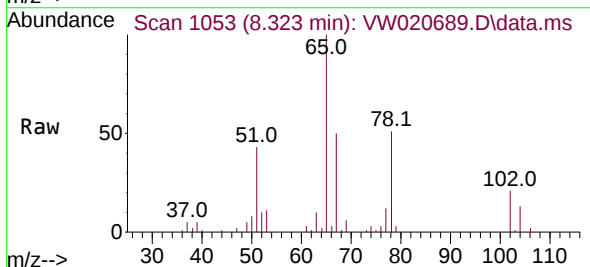
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

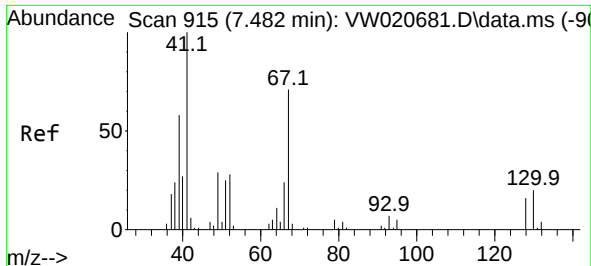
Tgt Ion:	83	Resp:	5171
Ion	Ratio	Lower	Upper
83	100		
55	92.3	62.6	94.0
98	50.1	38.8	58.2



#40
Benzene
Concen: 3.656 ug/l
RT: 8.323 min Scan# 1053
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

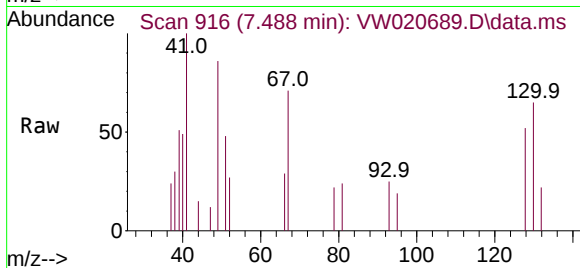
Tgt Ion:	78	Resp:	16179
Ion	Ratio	Lower	Upper
78	100		
77	23.3	19.0	28.6



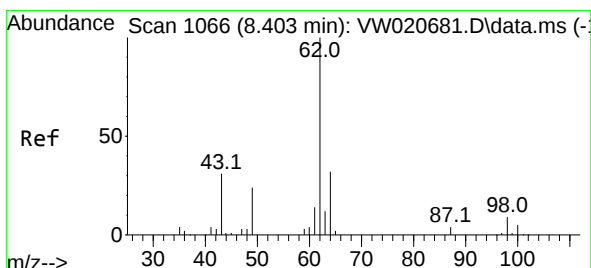
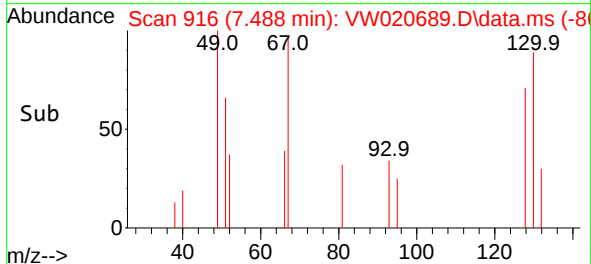
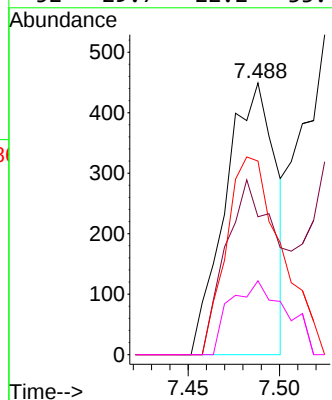


#41
Methacrylonitrile
Concen: 1.975 ug/l
RT: 7.488 min Scan# 916
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

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

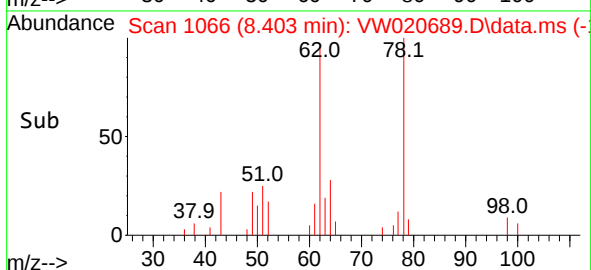
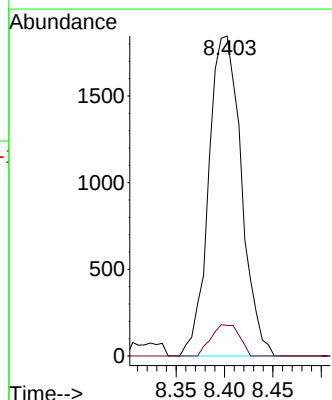
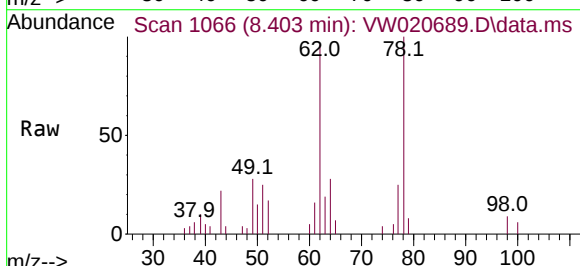


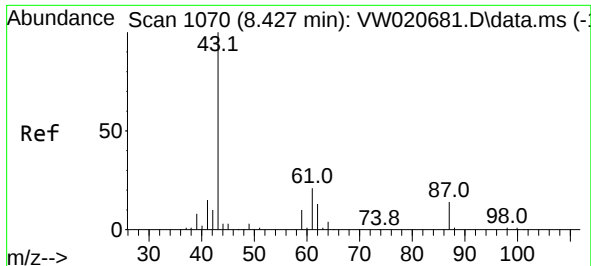
Tgt Ion:	41	Resp:	861
Ion	Ratio	Lower	Upper
41	100		
39	67.4	44.3	66.5#
67	79.2	50.9	76.3#
52	29.7	22.2	33.4



#42
1,2-Dichloroethane
Concen: 3.043 ug/l
RT: 8.403 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	62	Resp:	4336
Ion	Ratio	Lower	Upper
62	100		
98	8.5	0.0	17.8

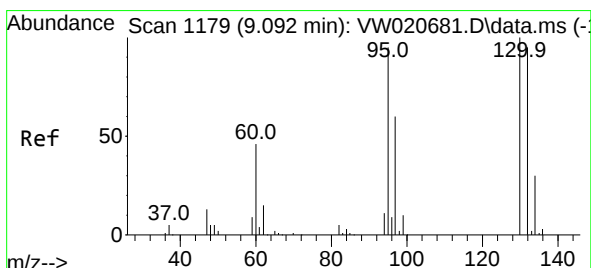
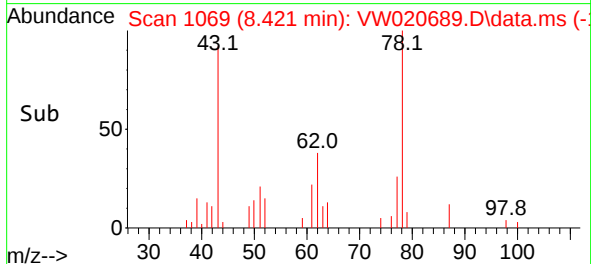
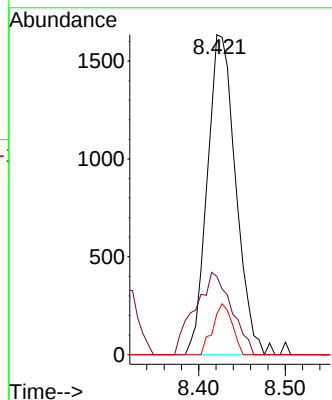
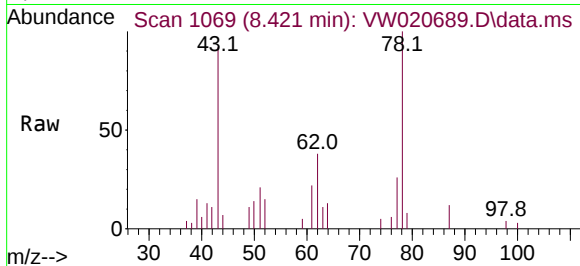




#43
Isopropyl Acetate
Concen: 2.685 ug/l
RT: 8.421 min Scan# 1069
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

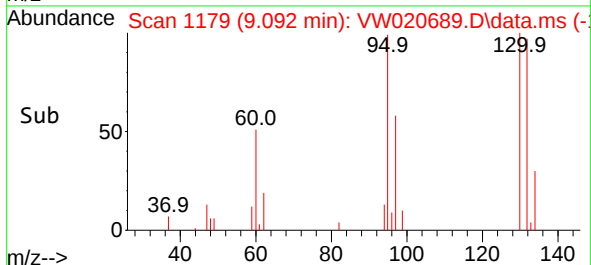
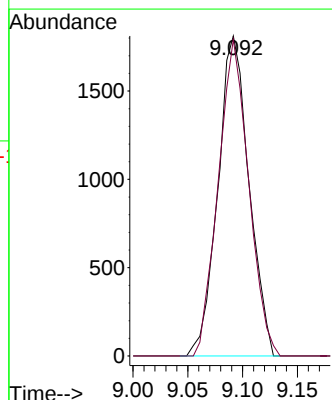
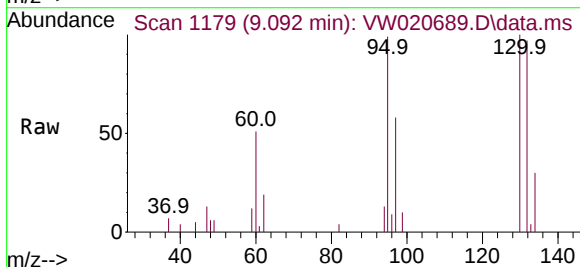
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

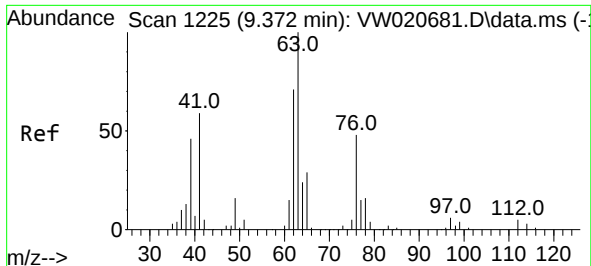
Tgt Ion: 43	Resp:	3729	
Ion	Ratio	Lower	Upper
43	100		
61	32.9	23.3	34.9
87	10.8	10.4	15.6



#44
Trichloroethene
Concen: 2.969 ug/l
RT: 9.092 min Scan# 1179
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:130	Resp:	3571	
Ion	Ratio	Lower	Upper
130	100		
95	99.0	0.0	189.2





#45

1,2-Dichloropropane

Concen: 2.892 ug/l

RT: 9.372 min Scan# 1225

Delta R.T. -0.000 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion: 63 Resp: 3068

Ion Ratio Lower Upper

63 100

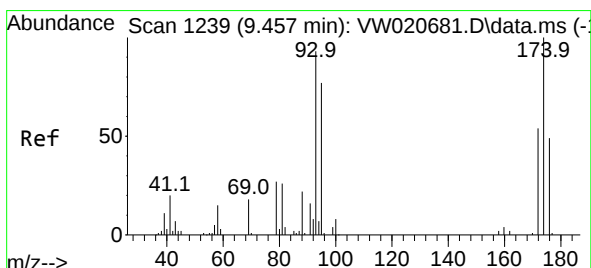
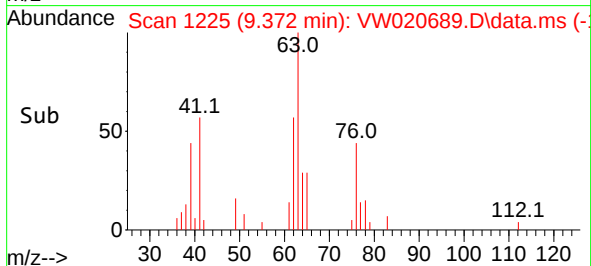
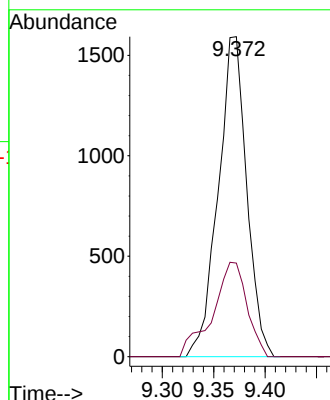
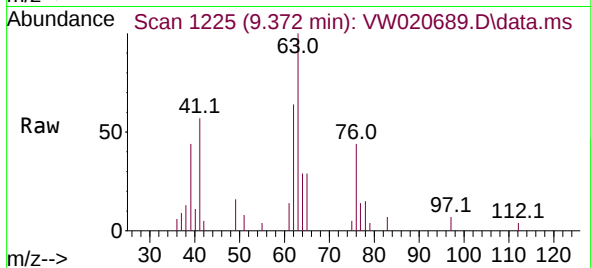
65 29.3 23.7 35.5

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT4-2021



#46

Dibromomethane

Concen: 2.953 ug/l

RT: 9.457 min Scan# 1239

Delta R.T. -0.000 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

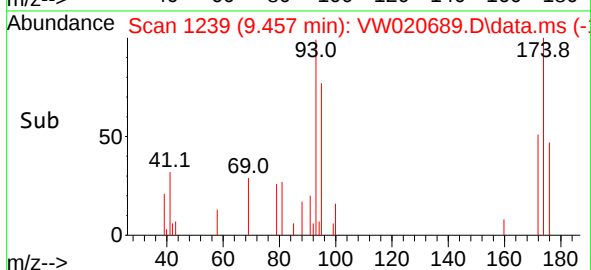
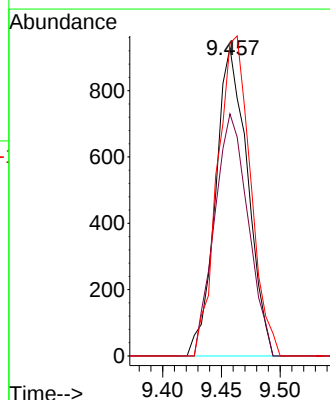
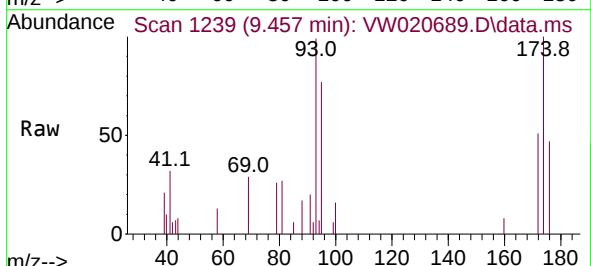
Tgt Ion: 93 Resp: 1760

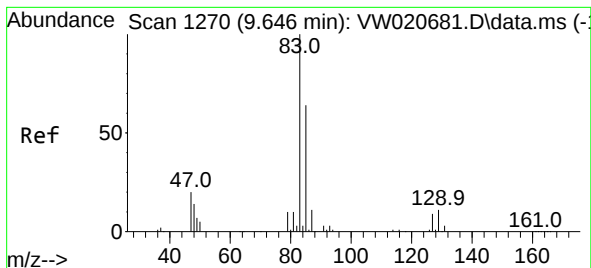
Ion Ratio Lower Upper

93 100

95 82.3 67.0 100.4

174 107.0 88.9 133.3





#47

Bromodichloromethane

Concen: 2.929 ug/l

RT: 9.646 min Scan# 1270

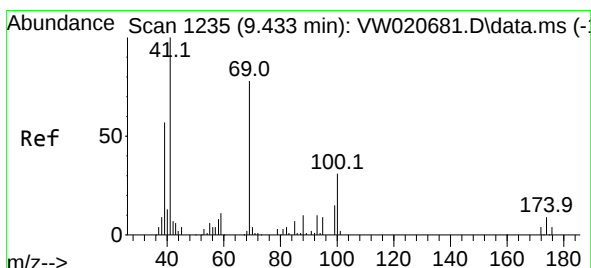
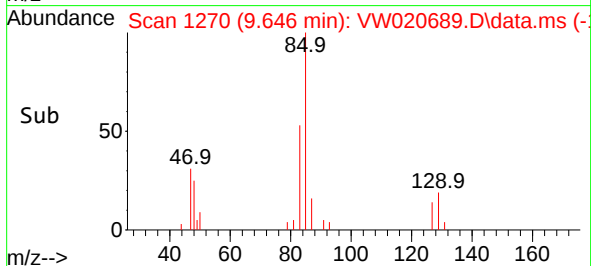
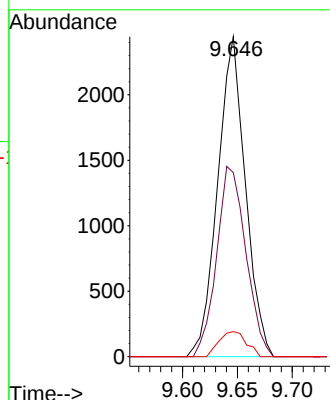
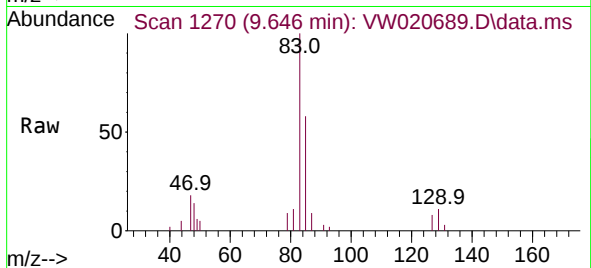
Delta R.T. -0.000 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion:	83	Resp:	4303
Ion	Ratio	Lower	Upper
83	100		
85	57.6	51.0	76.6
127	7.9	7.0	10.4

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



#48

Methyl methacrylate

Concen: 2.612 ug/l

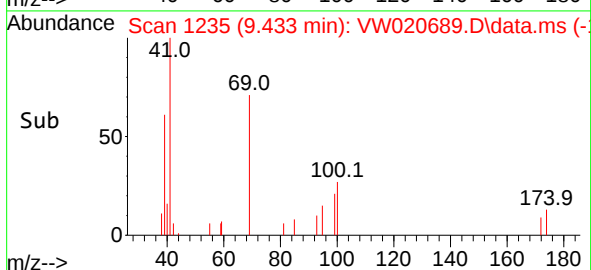
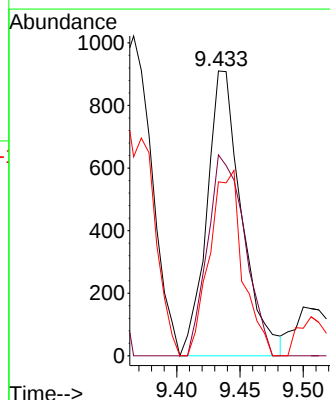
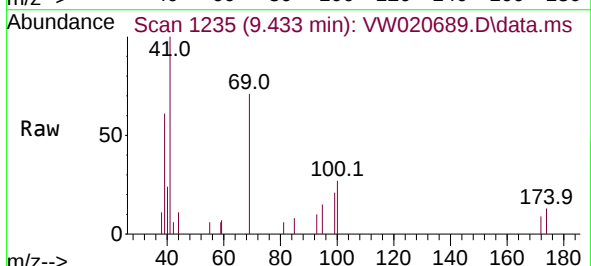
RT: 9.433 min Scan# 1235

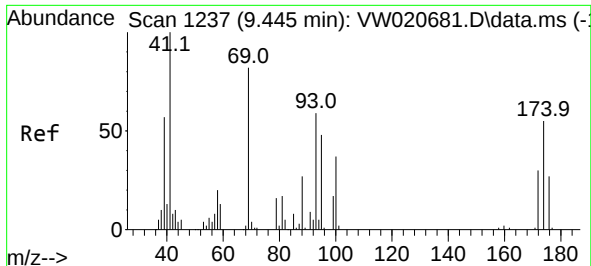
Delta R.T. -0.000 min

Lab File: VW020689.D

Acq: 22 Oct 2021 18:25

Tgt Ion:	41	Resp:	1745
Ion	Ratio	Lower	Upper
41	100		
69	75.4	67.2	100.8
39	62.1	47.0	70.6

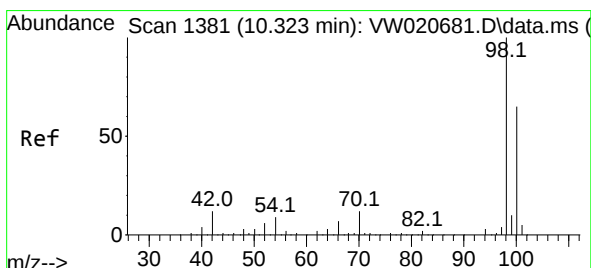
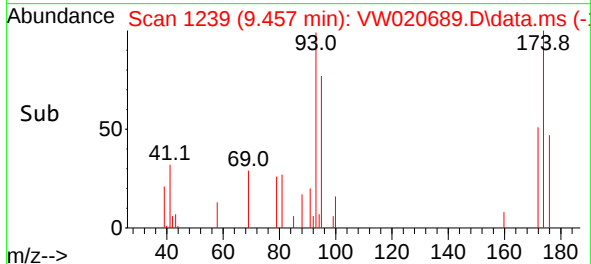
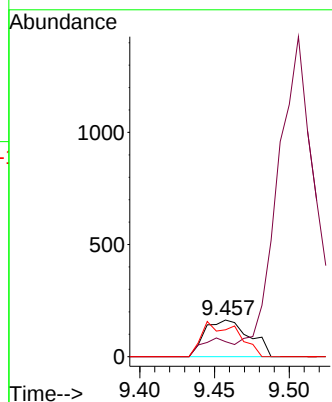
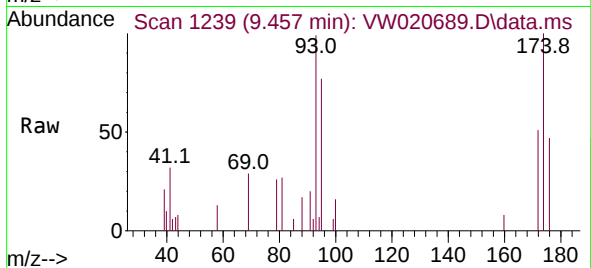




#49
1,4-Dioxane
Concen: 42.418 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. 0.012 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

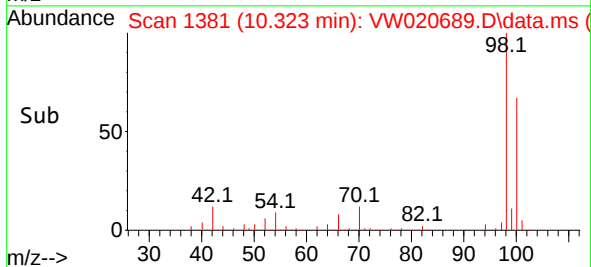
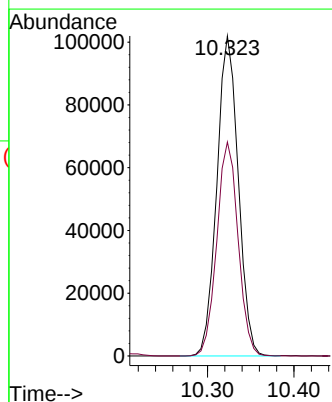
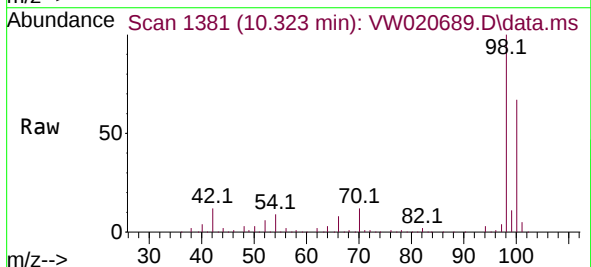
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

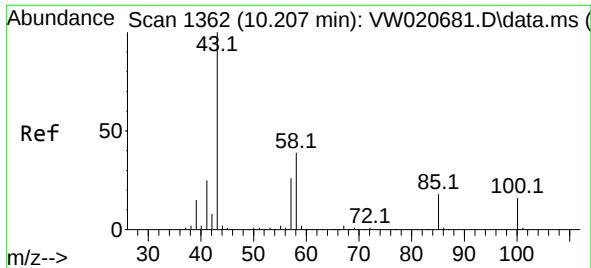
Tgt Ion: 88 Resp: 336
Ion Ratio Lower Upper
88 100
43 34.8 28.8 43.2
58 77.4 59.6 89.4



#50
Toluene-d8
Concen: 46.622 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 98 Resp: 175001
Ion Ratio Lower Upper
98 100
100 66.5 53.2 79.8

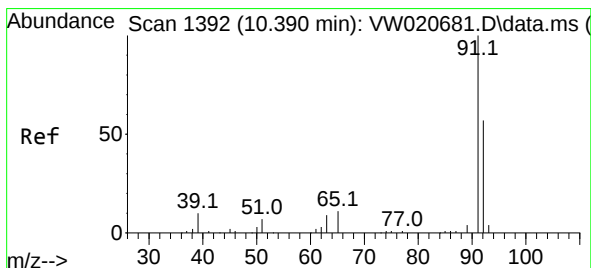
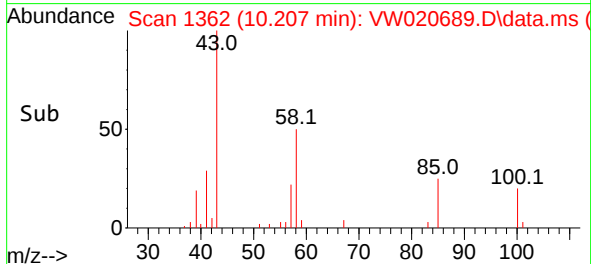
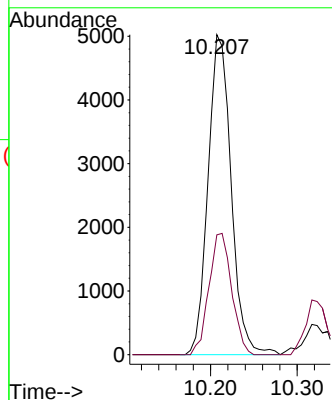
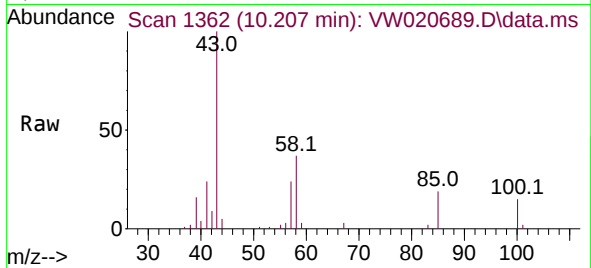




#51
4-Methyl-2-Pentanone
Concen: 12.332 ug/l
RT: 10.207 min Scan# 1362
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

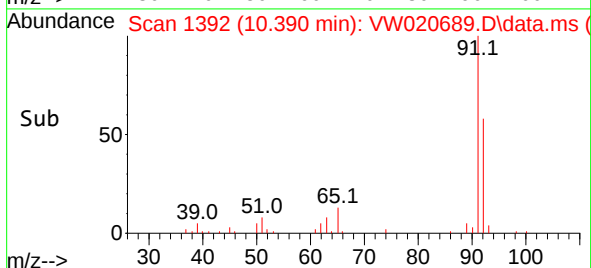
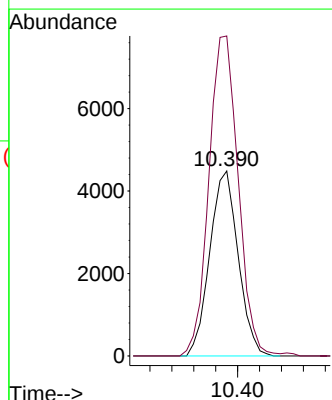
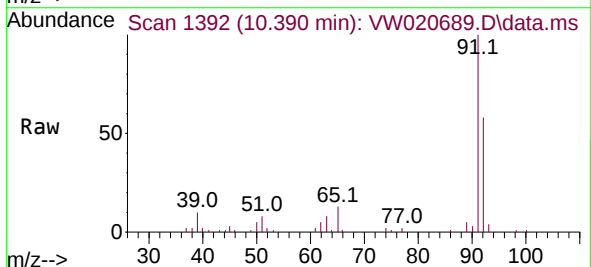
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

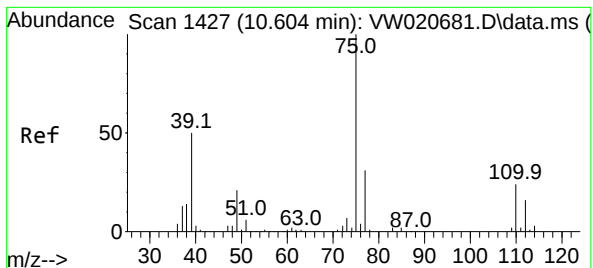
Tgt Ion: 43 Resp: 9311
Ion Ratio Lower Upper
43 100
58 37.3 30.6 46.0



#52
Toluene
Concen: 2.904 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 92 Resp: 8073
Ion Ratio Lower Upper
92 100
91 178.9 136.6 204.8

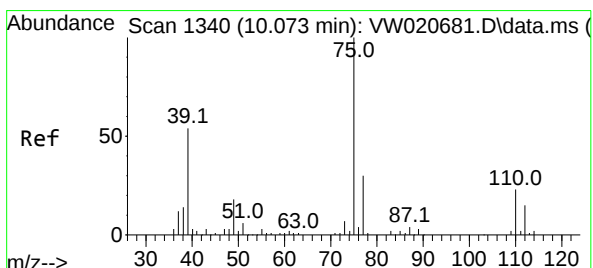
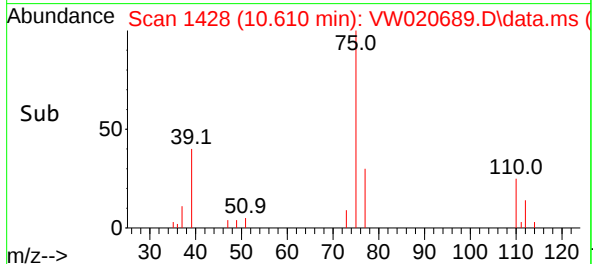
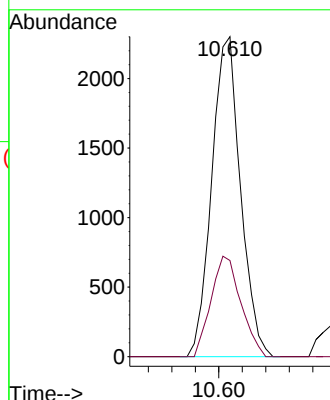
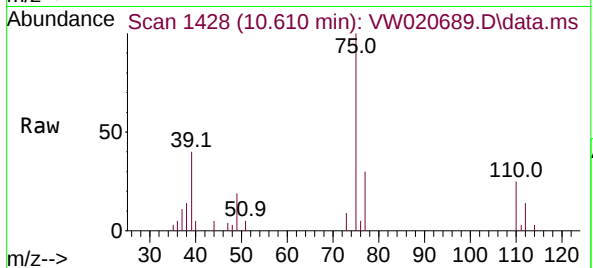




#53
t-1,3-Dichloropropene
Concen: 2.616 ug/l
RT: 10.610 min Scan# 1428
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

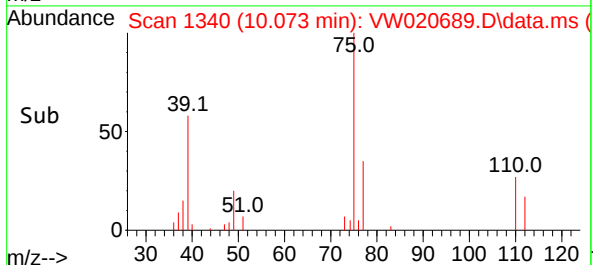
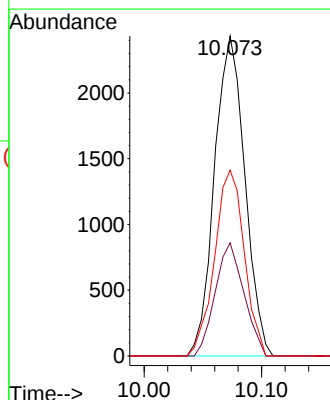
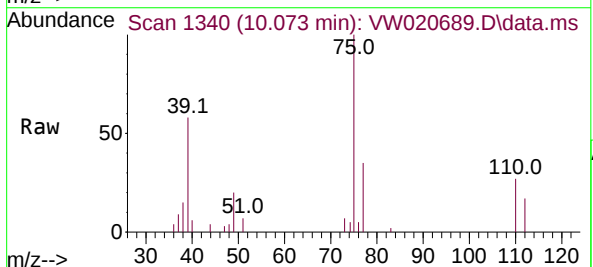
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

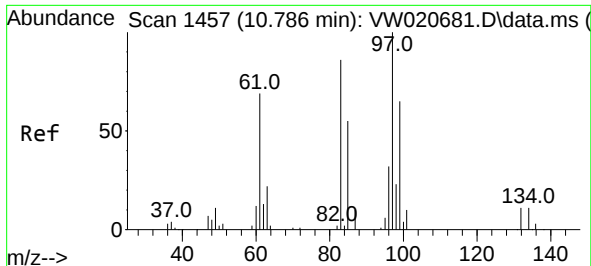
Tgt Ion: 75 Resp: 3911
Ion Ratio Lower Upper
75 100
77 30.0 24.6 37.0



#54
cis-1,3-Dichloropropene
Concen: 2.579 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 75 Resp: 4368
Ion Ratio Lower Upper
75 100
77 35.3 23.8 35.8
39 58.1 43.1 64.7

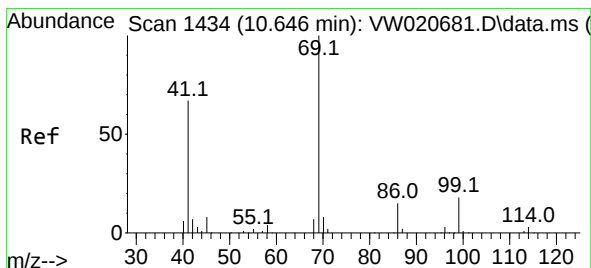
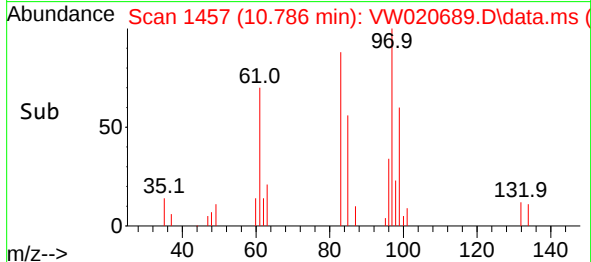
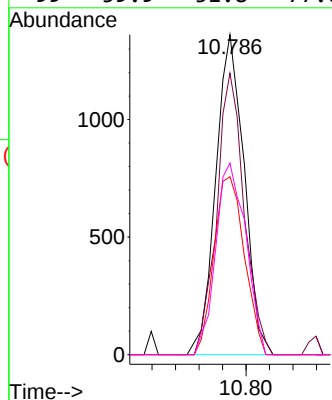
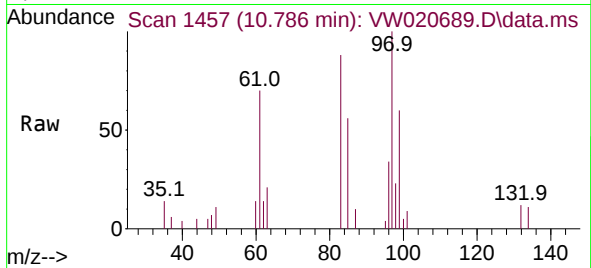




#55
1,1,2-Trichloroethane
Concen: 2.741 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

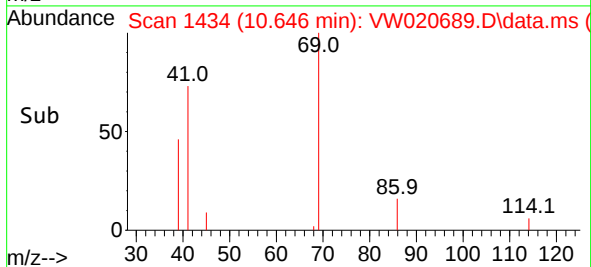
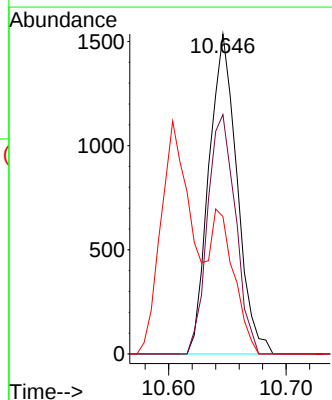
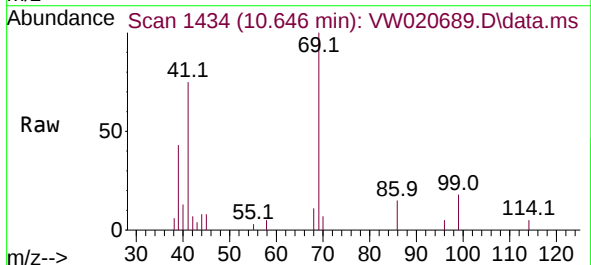
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

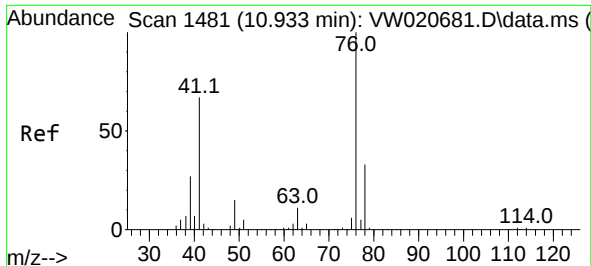
Tgt Ion: 97	Resp: 2276
Ion Ratio	Lower Upper
97 100	
83 88.0	69.0 103.4
85 55.6	44.3 66.5
99 59.9	51.8 77.6



#56
Ethyl methacrylate
Concen: 2.391 ug/l
RT: 10.646 min Scan# 1434
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 69	Resp: 2553
Ion Ratio	Lower Upper
69 100	
41 74.3	56.6 85.0
39 40.1	29.6 44.4

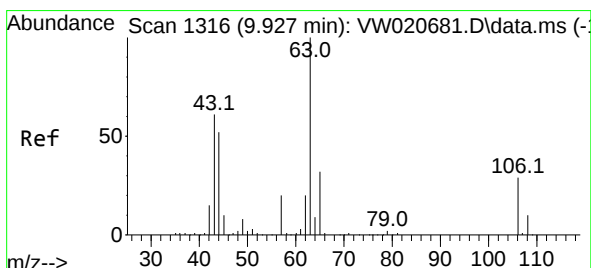
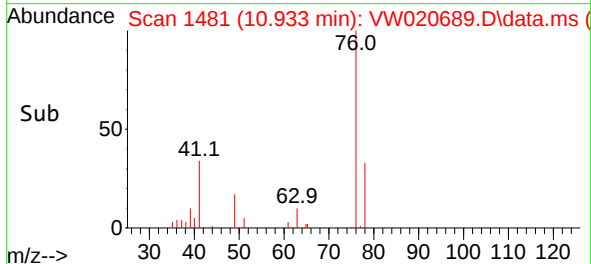
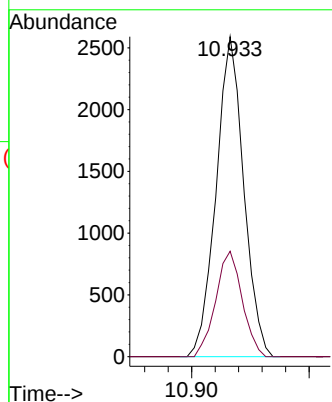
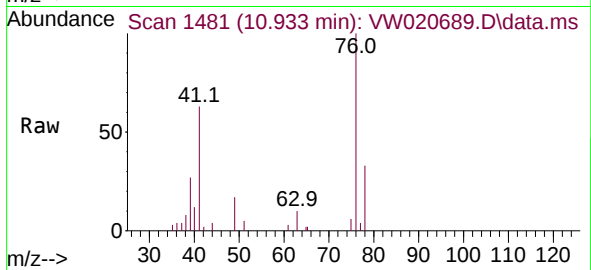




#57
1,3-Dichloropropane
Concen: 2.932 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

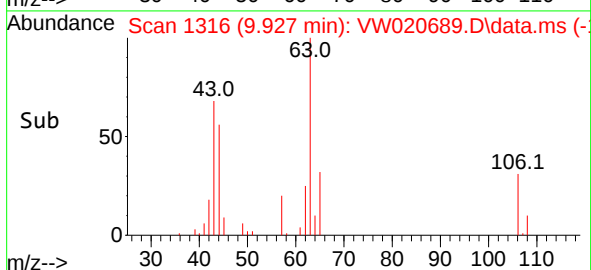
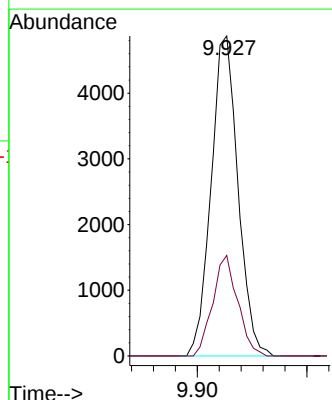
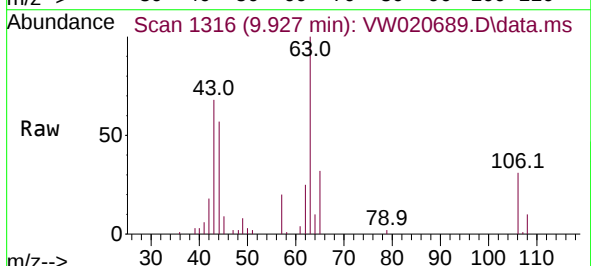
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

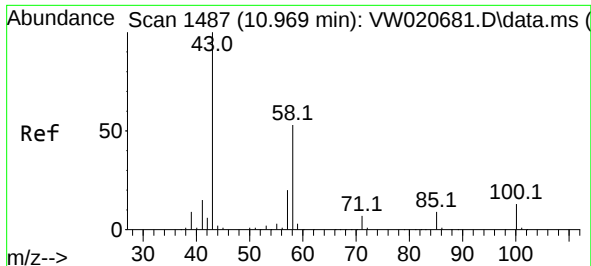
Tgt Ion: 76 Resp: 4219
Ion Ratio Lower Upper
76 100
78 31.6 26.0 39.0



#58
2-Chloroethyl Vinyl ether
Concen: 17.241 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 63 Resp: 8296
Ion Ratio Lower Upper
63 100
106 29.2 23.0 34.6

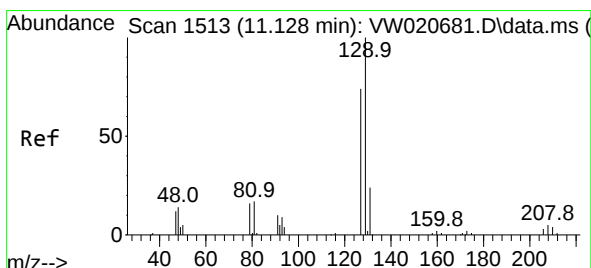
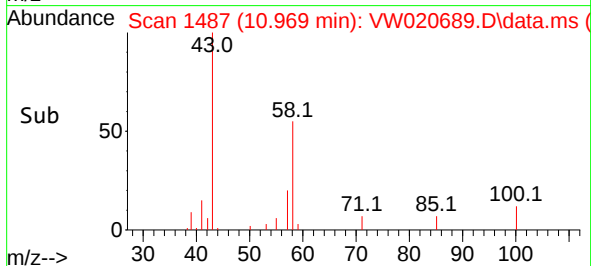
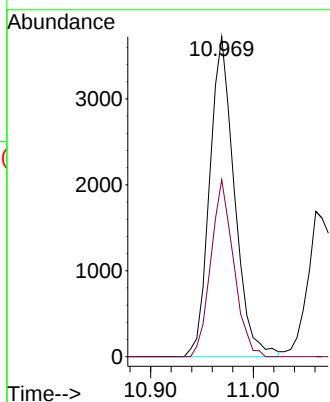
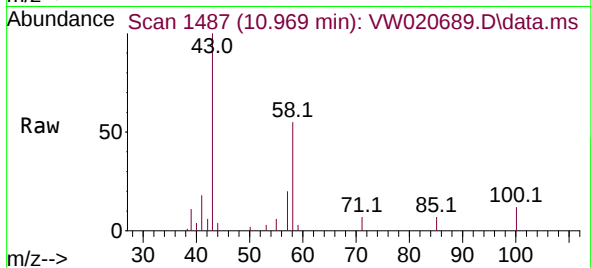




#59
2-Hexanone
Concen: 11.662 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

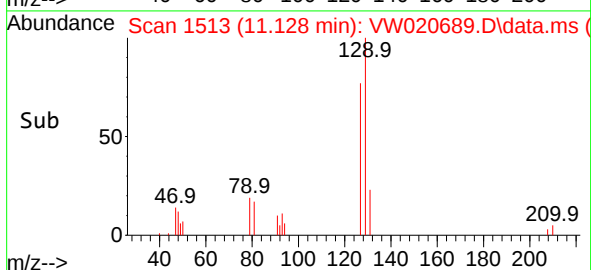
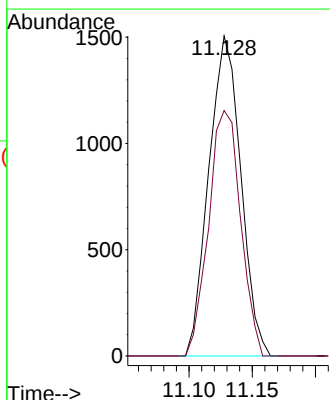
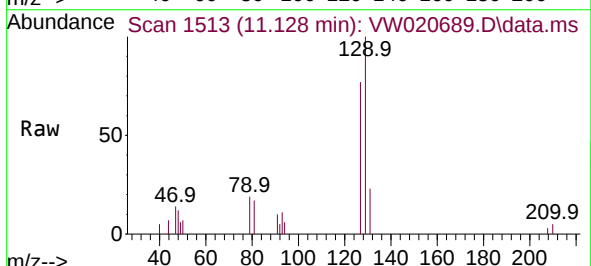
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

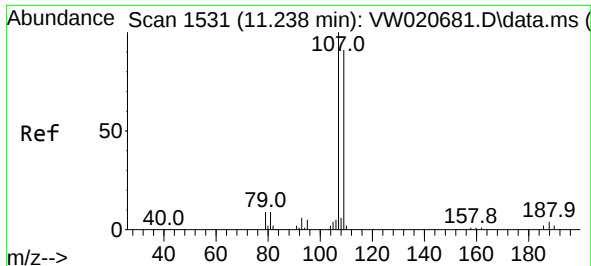
Tgt Ion: 43 Resp: 6230
Ion Ratio Lower Upper
43 100
58 51.0 26.4 79.2



#60
Dibromochloromethane
Concen: 2.708 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 129 Resp: 2651
Ion Ratio Lower Upper
129 100
127 76.4 38.9 116.6

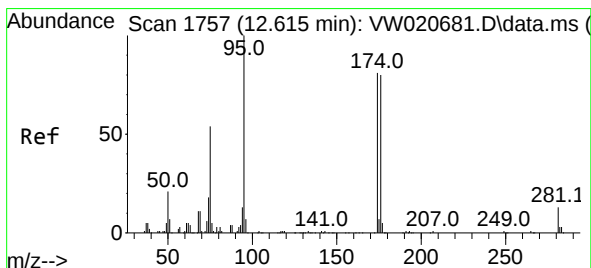
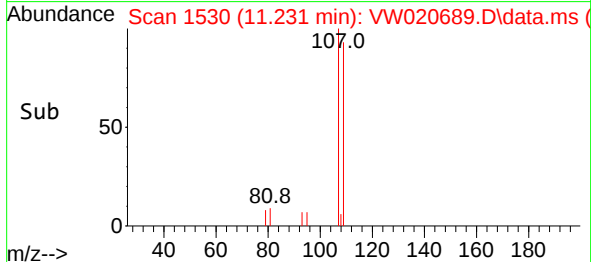
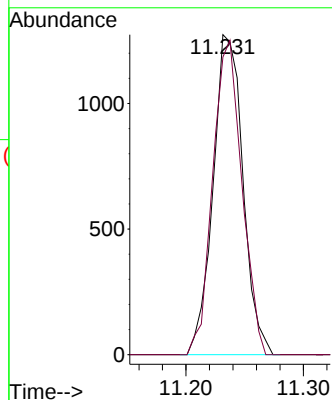
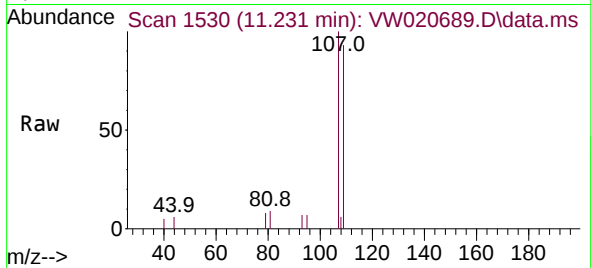




#61
1,2-Dibromoethane
Concen: 2.802 ug/l
RT: 11.231 min Scan# 1530
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

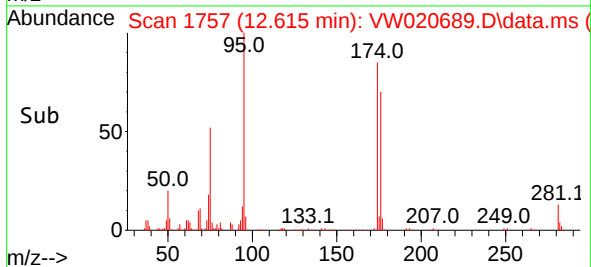
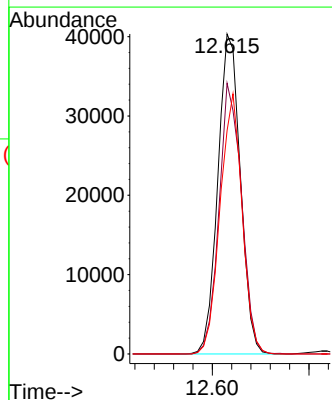
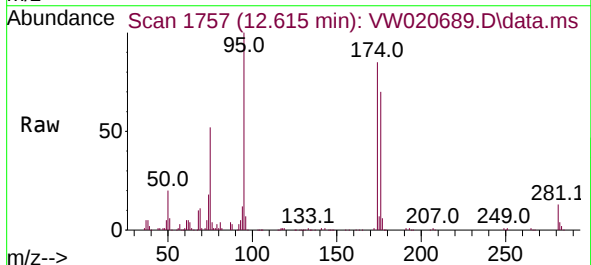
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

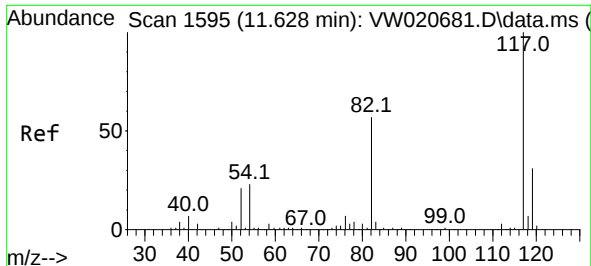
Tgt Ion:107 Resp: 2251
Ion Ratio Lower Upper
107 100
109 95.8 75.4 113.2



#62
4-Bromofluorobenzene
Concen: 47.282 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 95 Resp: 65061
Ion Ratio Lower Upper
95 100
174 84.5 0.0 166.4
176 79.6 0.0 159.8

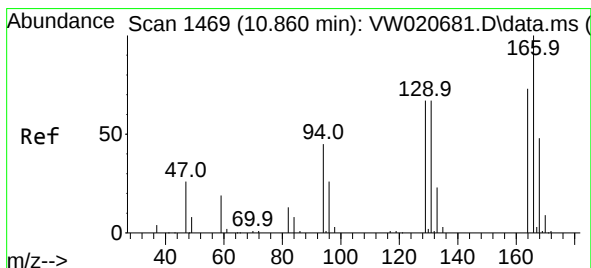
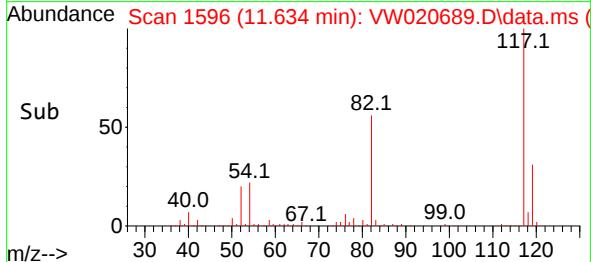
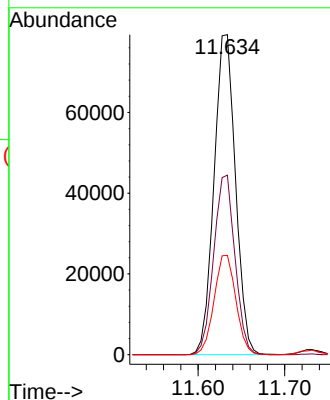
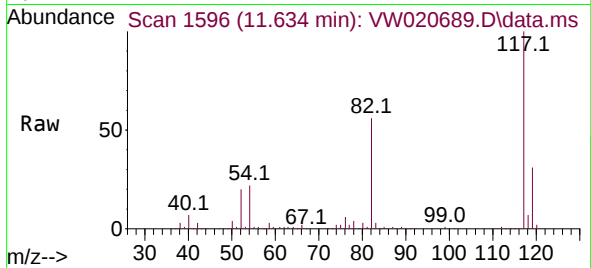




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

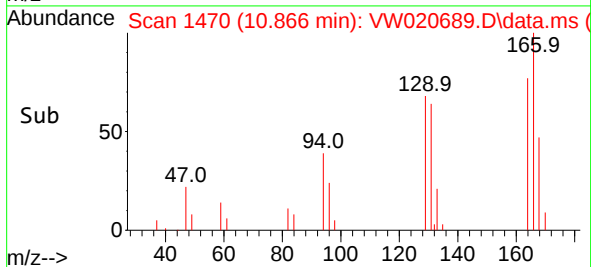
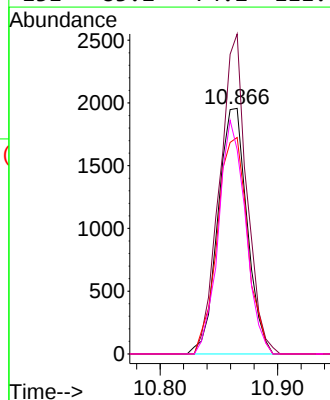
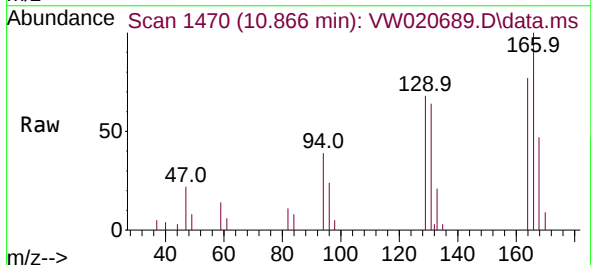
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

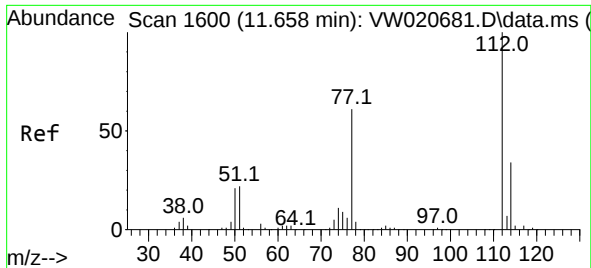
Tgt Ion:117 Resp: 136596
Ion Ratio Lower Upper
117 100
82 56.1 45.6 68.4
119 31.0 25.0 37.4



#64
Tetrachloroethene
Concen: 3.174 ug/l
RT: 10.866 min Scan# 1470
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:164 Resp: 3366
Ion Ratio Lower Upper
164 100
166 130.3 110.2 165.4
129 88.1 74.4 111.6
131 83.2 74.2 111.4

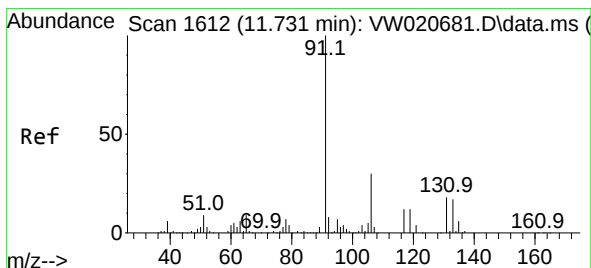
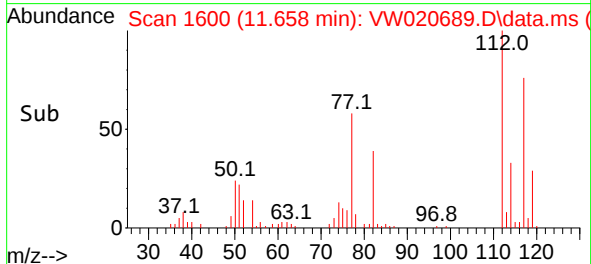
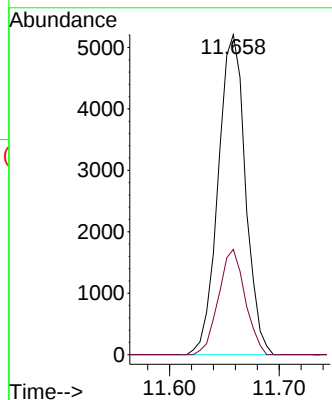
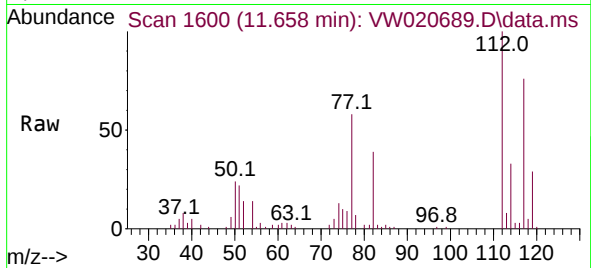




#65
Chlorobenzene
Concen: 3.062 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

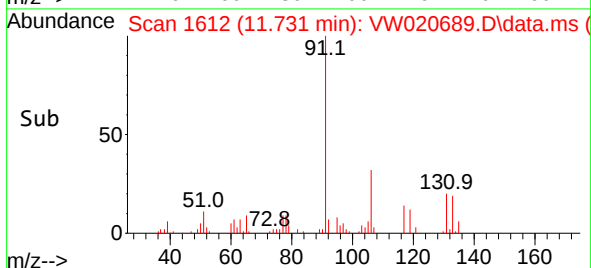
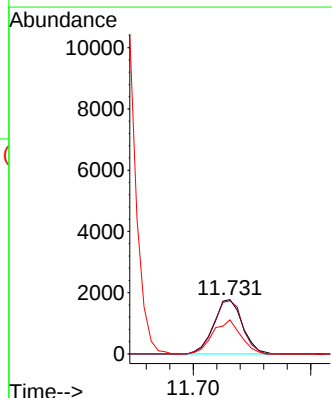
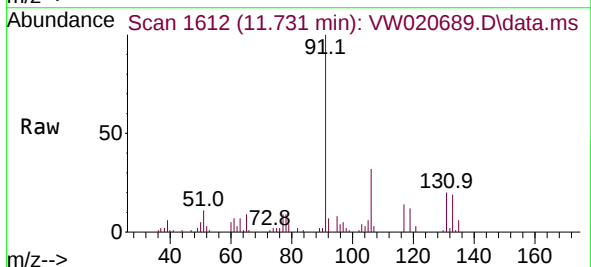
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

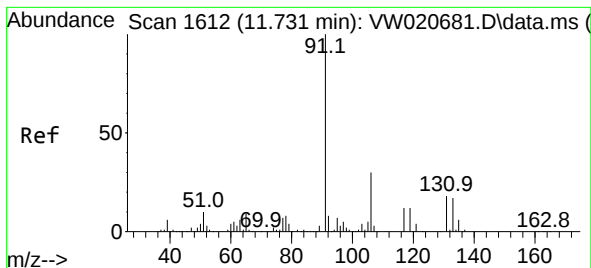
Tgt Ion:112 Resp: 9003
Ion Ratio Lower Upper
112 100
114 32.9 27.0 40.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.809 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:131 Resp: 2994
Ion Ratio Lower Upper
131 100
133 99.3 47.9 143.8
119 61.2 31.6 95.0

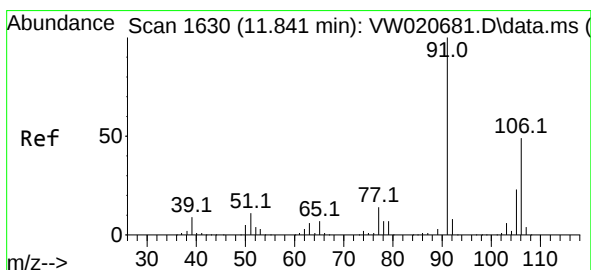
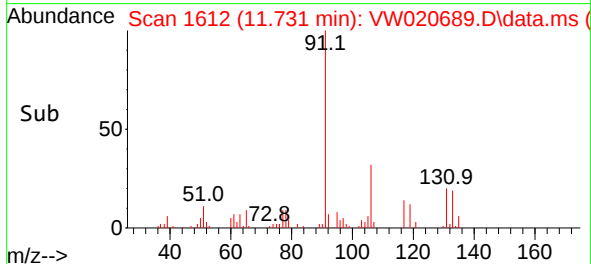
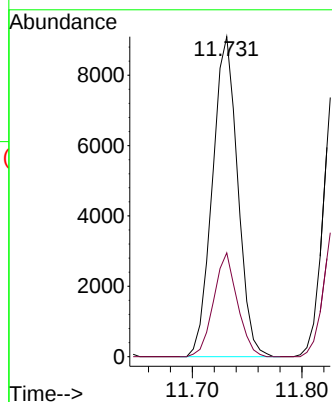
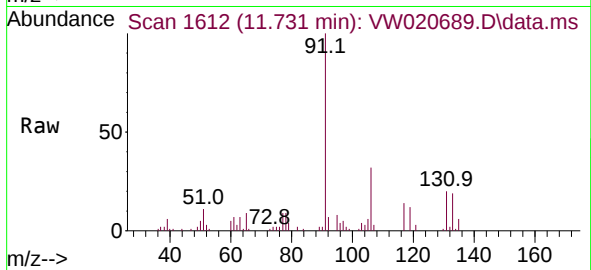




#67
Ethyl Benzene
Concen: 2.734 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

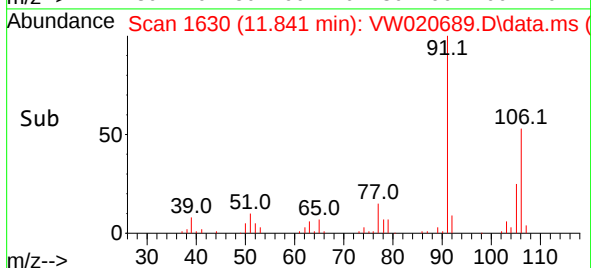
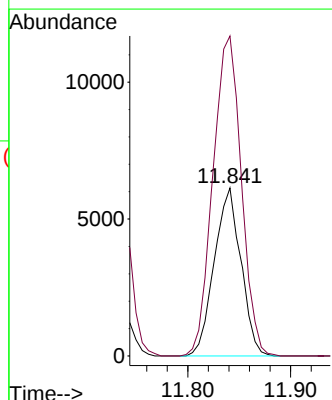
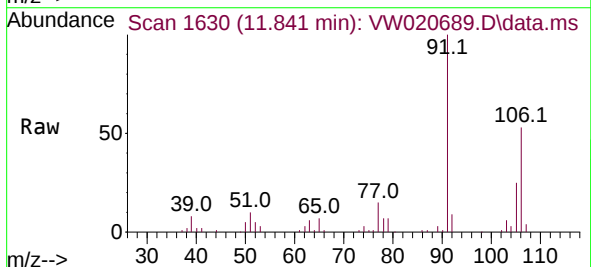
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

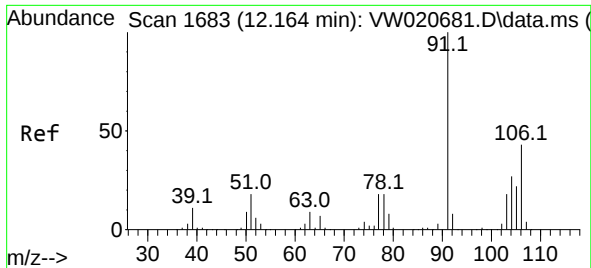
Tgt Ion: 91 Resp: 14556
Ion Ratio Lower Upper
91 100
106 32.5 24.4 36.6



#68
m/p-Xylenes
Concen: 5.371 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:106 Resp: 11056
Ion Ratio Lower Upper
106 100
91 203.0 166.4 249.6

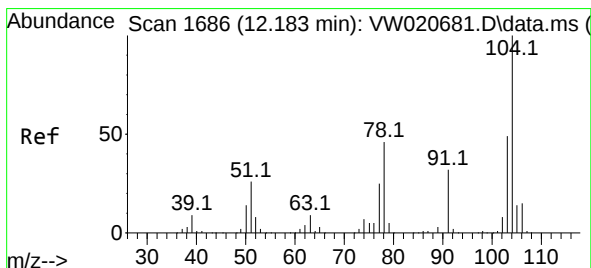
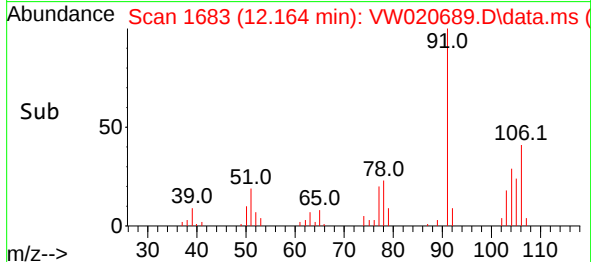
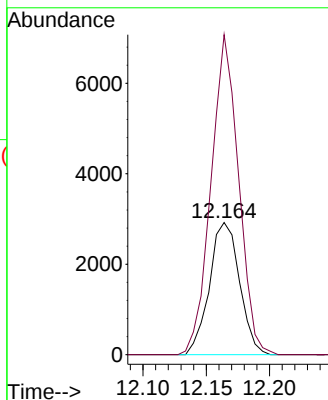
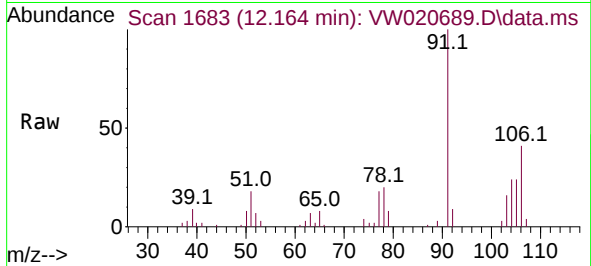




#69
o-Xylene
Concen: 2.549 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

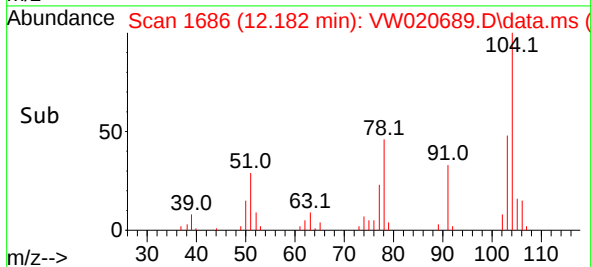
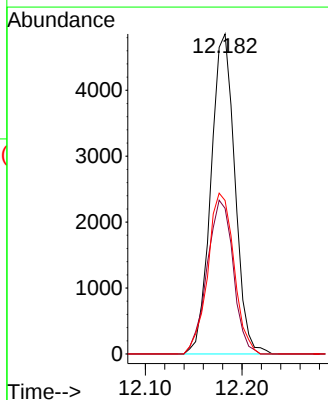
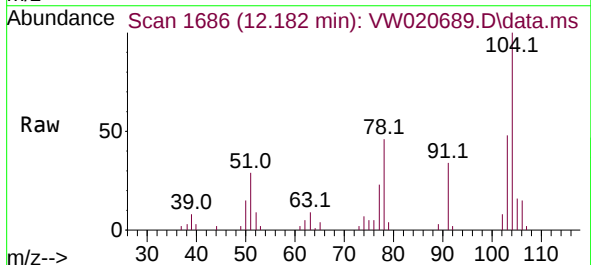
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

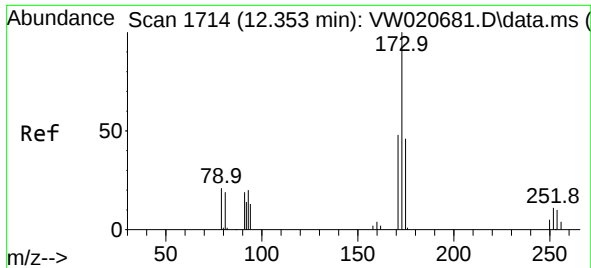
Tgt Ion:106 Resp: 4836
Ion Ratio Lower Upper
106 100
91 221.8 110.9 332.6



#70
Styrene
Concen: 2.565 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:104 Resp: 8336
Ion Ratio Lower Upper
104 100
78 52.3 41.4 62.0
103 55.1 43.3 64.9

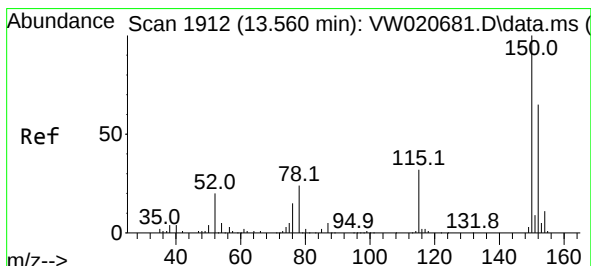
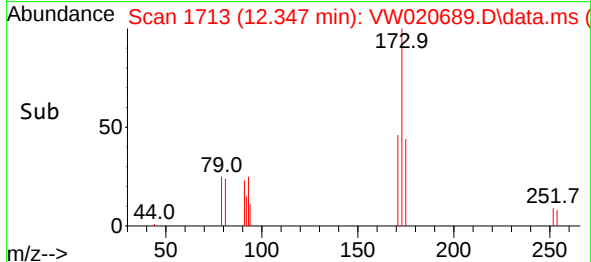
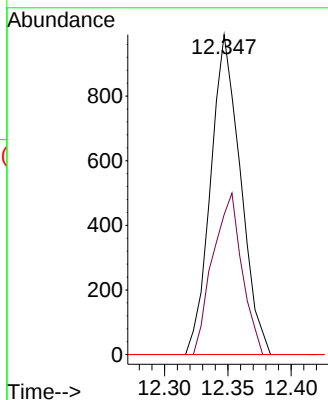
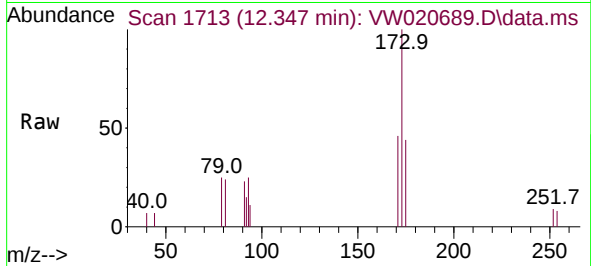




#71
Bromoform
Concen: 2.599 ug/l
RT: 12.347 min Scan# 1713
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

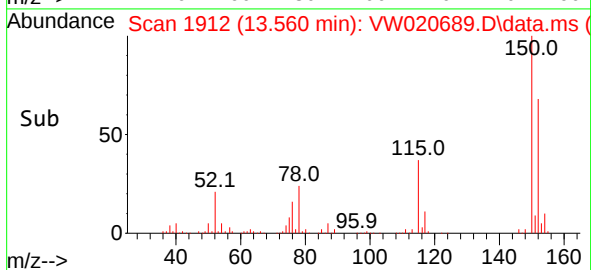
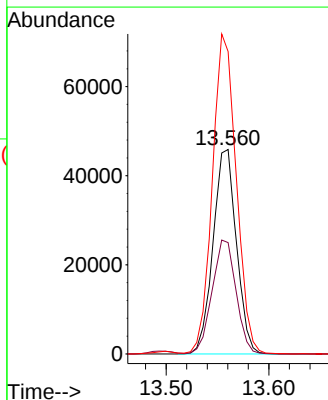
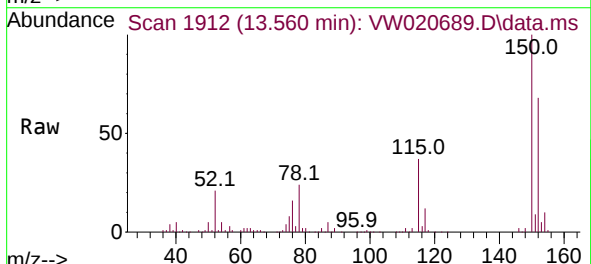
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

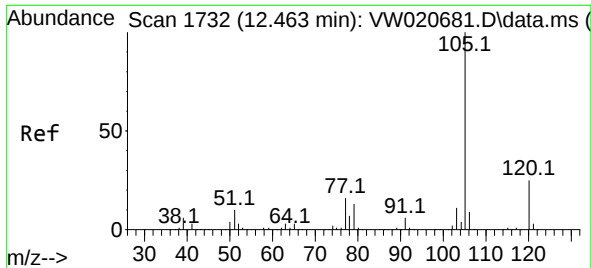
Tgt Ion:	173	Resp:	1624
Ion Ratio	Lower	Upper	
173	100		
175	49.1	24.6	73.8
254	0.0	0.0	0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.560 min Scan# 1912
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	152	Resp:	72406
Ion Ratio	Lower	Upper	
152	100		
115	57.2	29.6	88.9
150	159.7	0.0	352.6

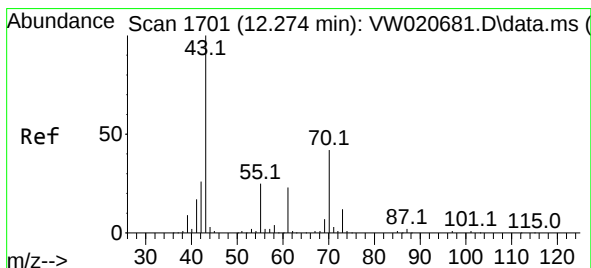
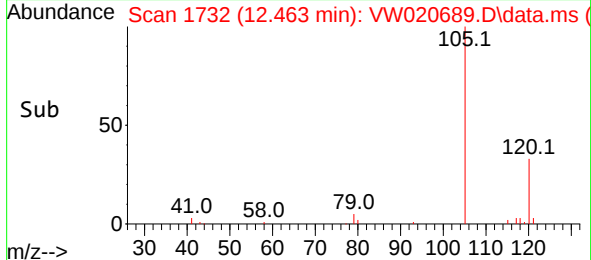
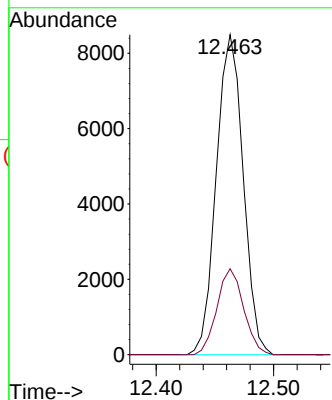
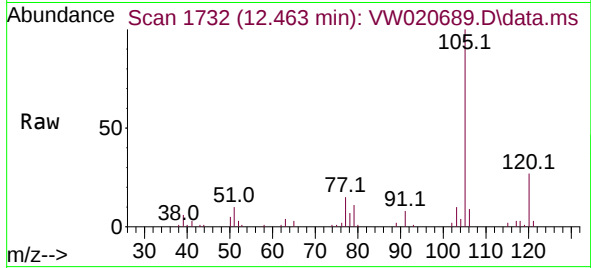




#73
Isopropylbenzene
Concen: 2.590 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

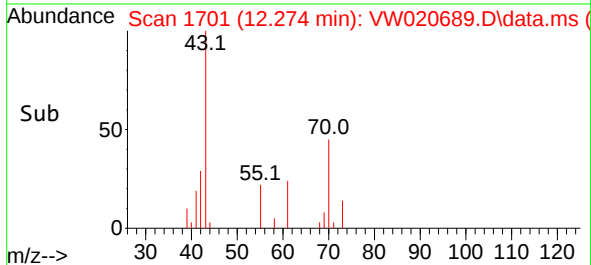
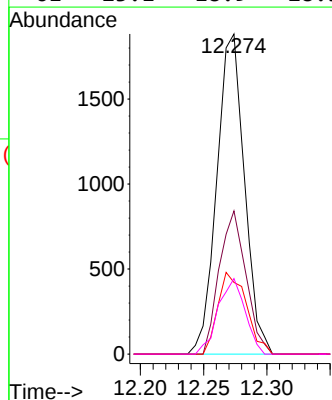
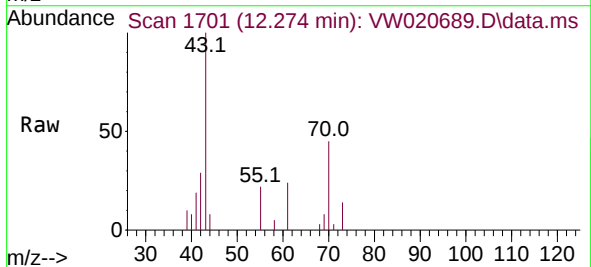
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

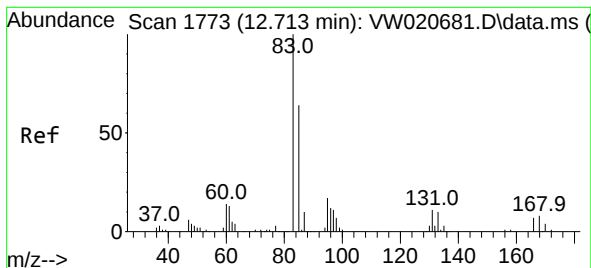
Tgt Ion:105 Resp: 13507
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0



#74
N-ethyl acetate
Concen: 2.258 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 43 Resp: 2858
Ion Ratio Lower Upper
43 100
70 43.1 33.4 50.2
55 26.5 20.1 30.1
61 23.1 18.9 28.3

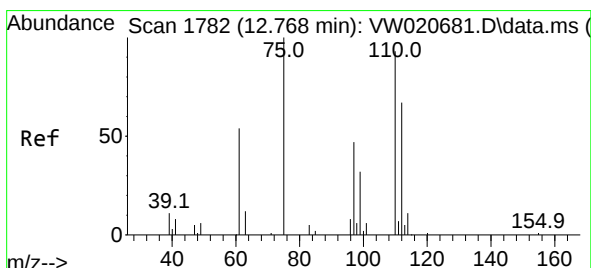
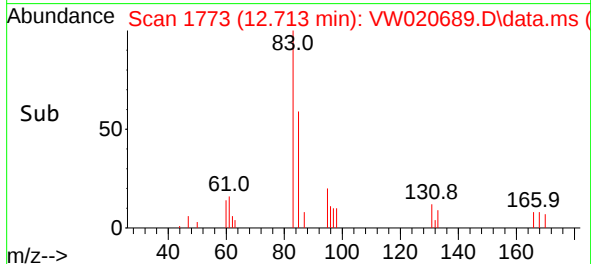
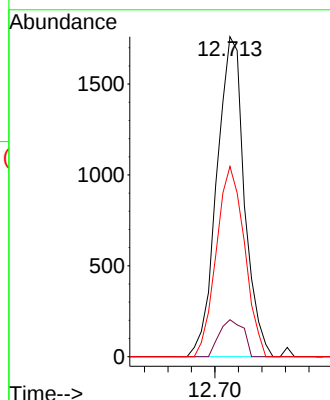
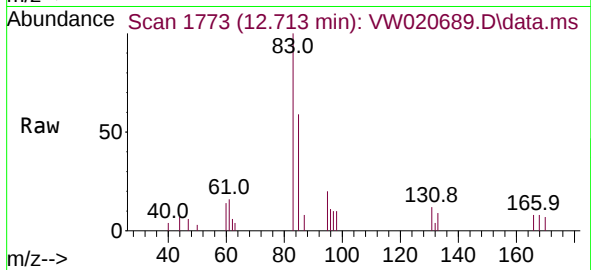




#75
1,1,2,2-Tetrachloroethane
Concen: 2.942 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

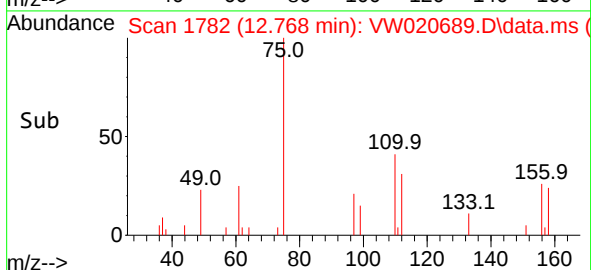
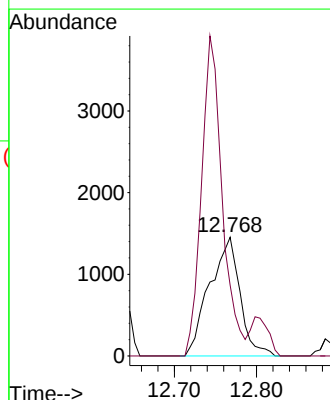
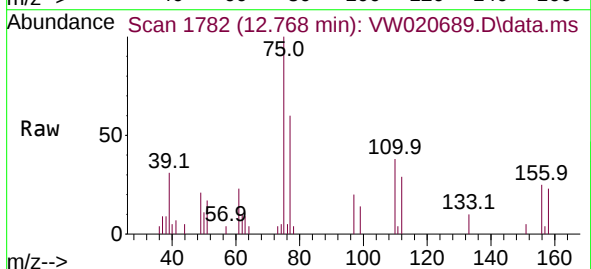
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

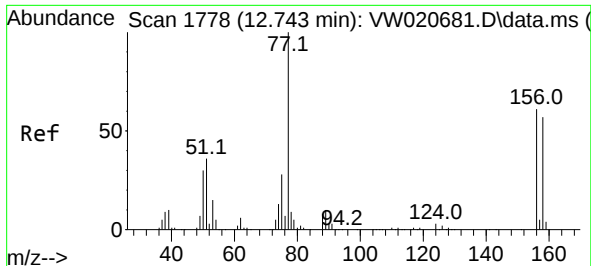
Tgt Ion:	83	Resp:	2875
Ion	Ratio	Lower	Upper
83	100		
131	10.0	5.8	17.3
85	60.7	31.8	95.4



#76
1,2,3-Trichloropropane
Concen: 4.654 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	75	Resp:	3733
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0

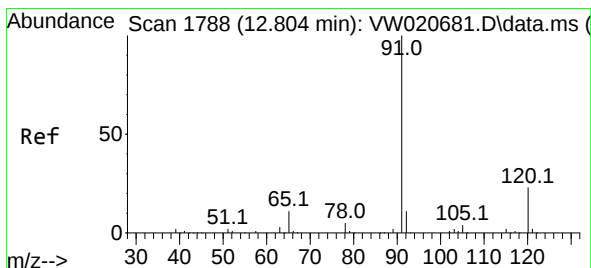
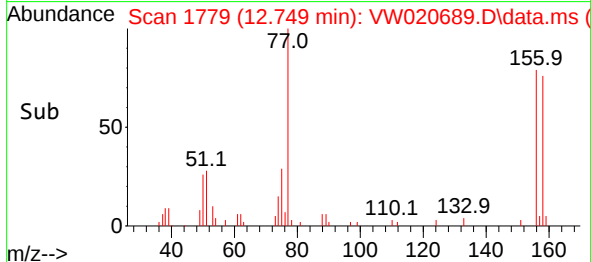
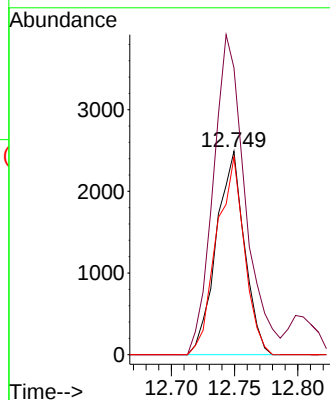
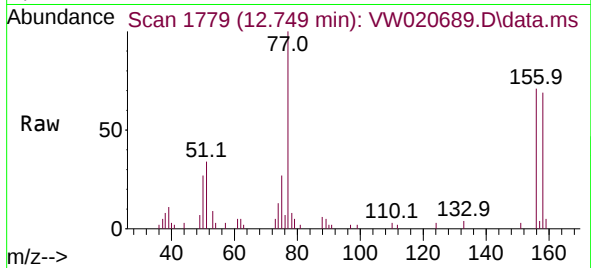




#77
Bromobenzene
Concen: 3.089 ug/l
RT: 12.749 min Scan# 1779
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

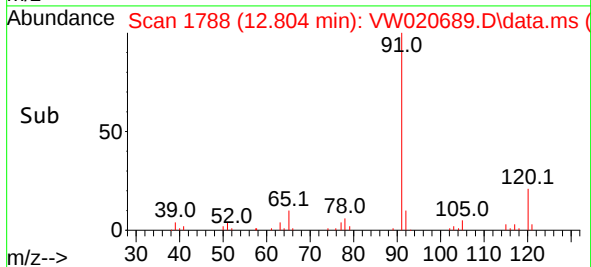
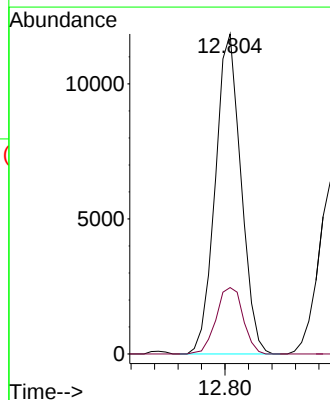
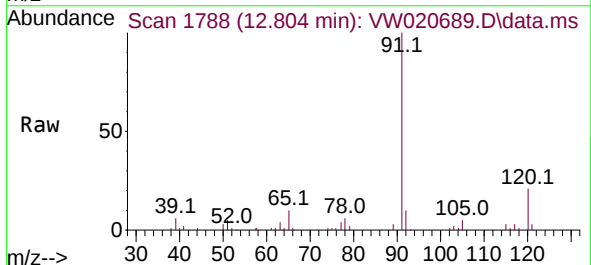
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

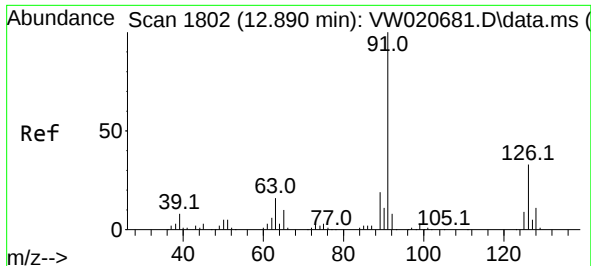
Tgt Ion:156 Resp: 3865
Ion Ratio Lower Upper
156 100
77 178.1 91.8 275.6
158 95.9 47.9 143.8



#78
n-propylbenzene
Concen: 2.811 ug/l
RT: 12.804 min Scan# 1788
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 91 Resp: 18004
Ion Ratio Lower Upper
91 100
120 21.7 11.7 35.0

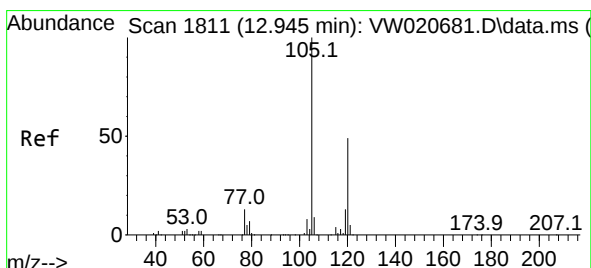
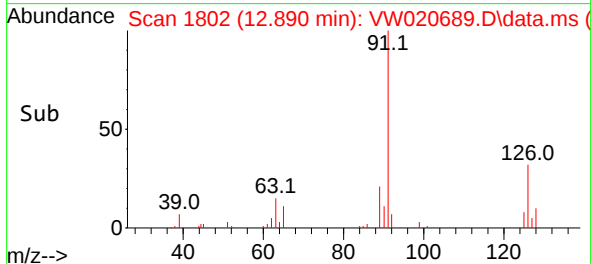
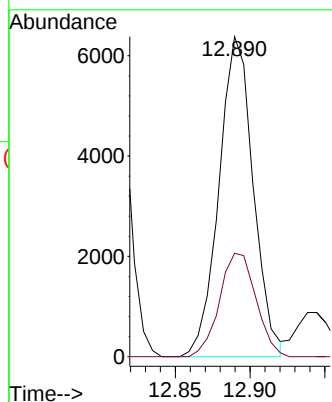
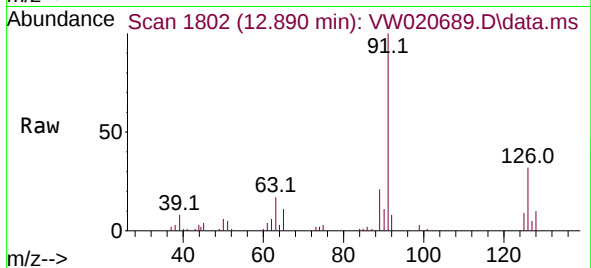




#79
2-Chlorotoluene
Concen: 2.761 ug/l
RT: 12.890 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

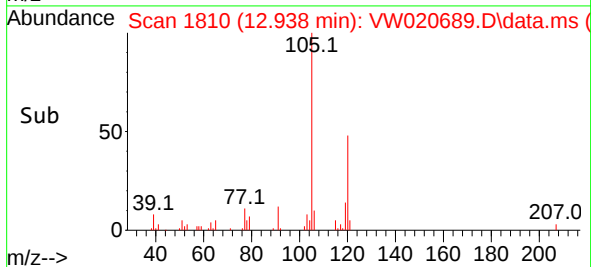
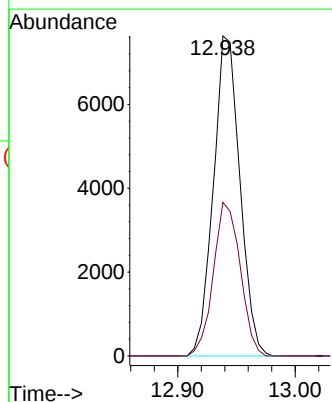
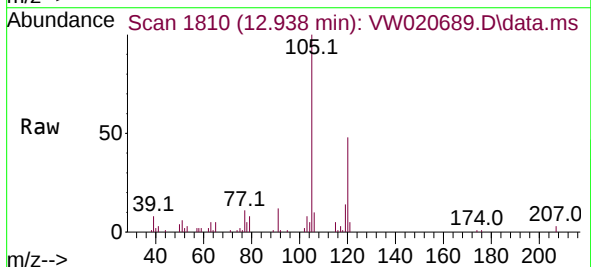
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

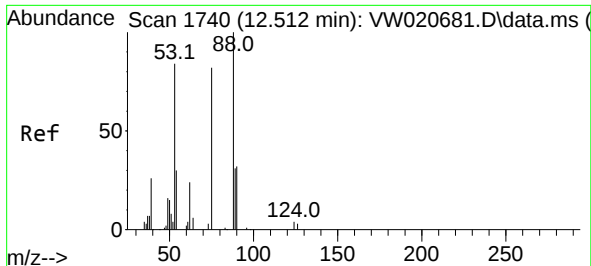
Tgt Ion: 91 Resp: 10176
Ion Ratio Lower Upper
91 100
126 34.3 16.7 50.0



#80
1,3,5-Trimethylbenzene
Concen: 2.657 ug/l
RT: 12.938 min Scan# 1810
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 105 Resp: 11977
Ion Ratio Lower Upper
105 100
120 48.6 24.3 72.9

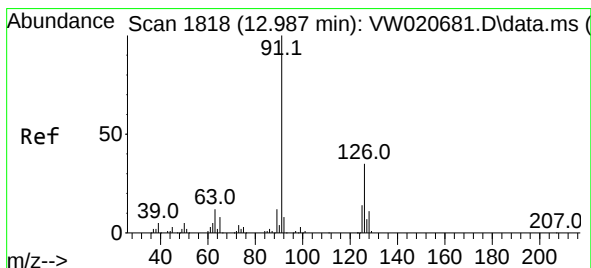
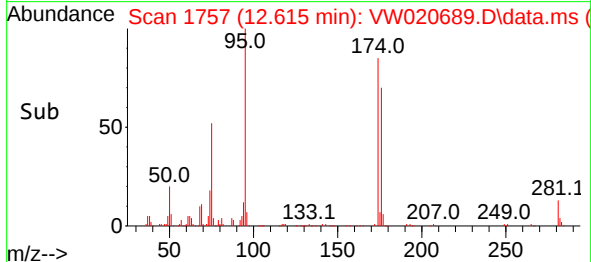
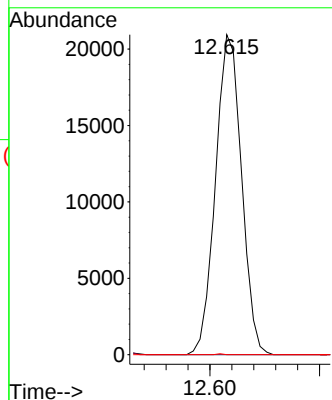
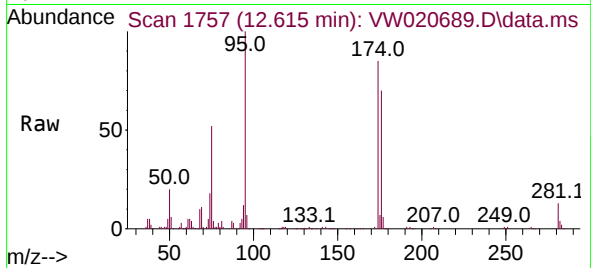




#81
trans-1,4-Dichloro-2-butene
Concen: 110.529 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.104 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

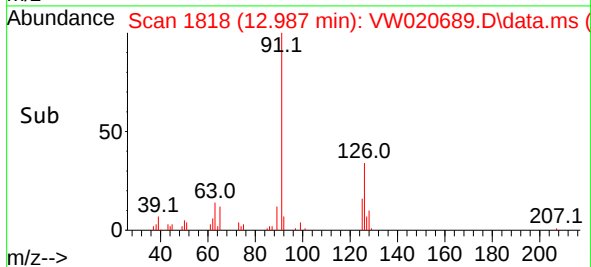
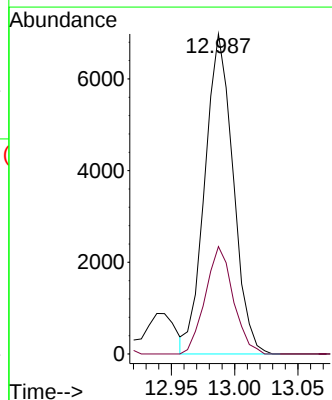
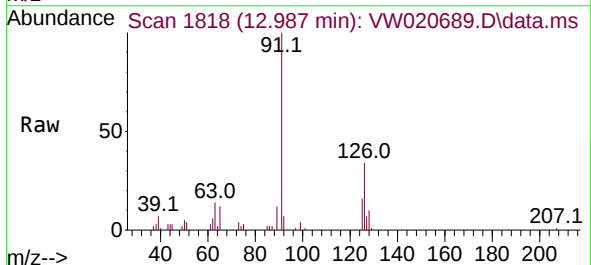
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

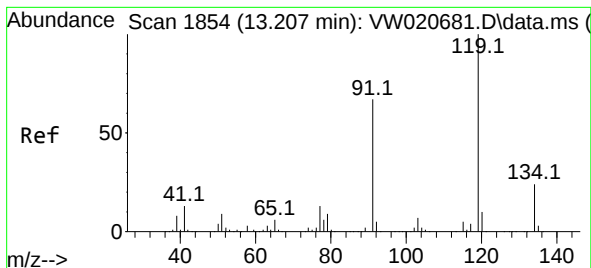
Tgt Ion: 75 Resp: 34515
Ion Ratio Lower Upper
75 100
53 0.0 83.7 125.5#
89 0.1 36.7 55.1#



#82
4-Chlorotoluene
Concen: 2.800 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 91 Resp: 10851
Ion Ratio Lower Upper
91 100
126 33.1 16.8 50.4

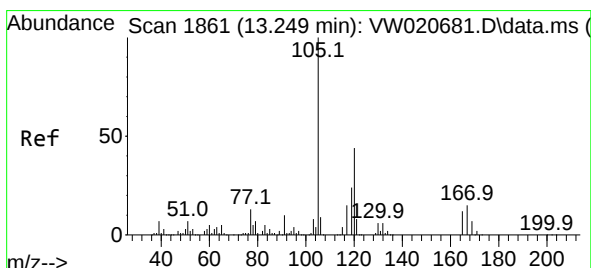
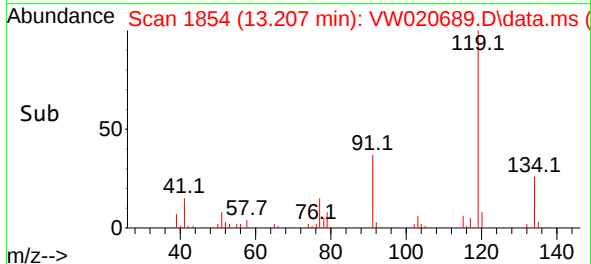
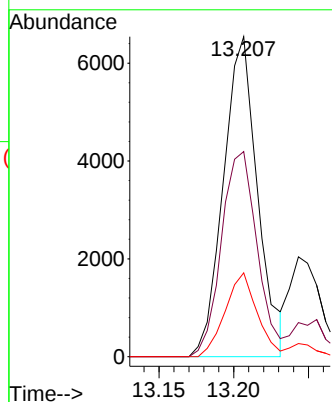
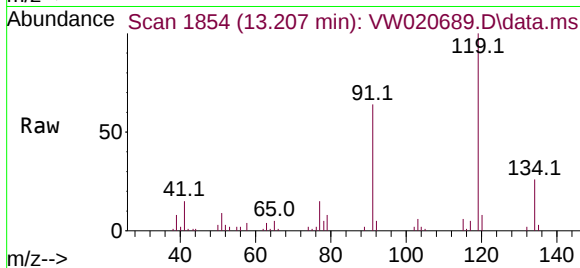




#83
tert-Butylbenzene
Concen: 2.674 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

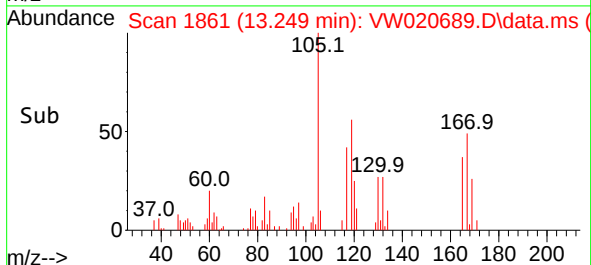
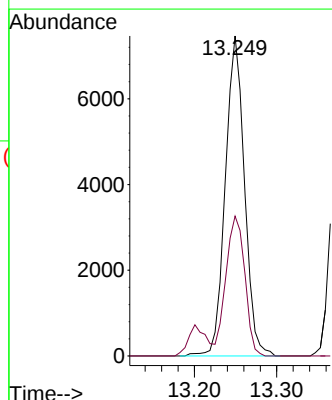
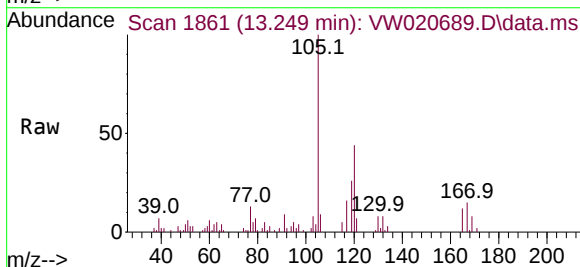
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

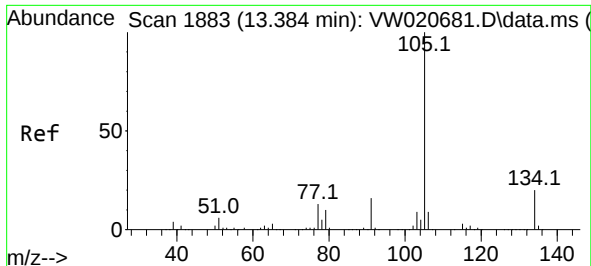
Tgt Ion:	119	Resp:	10401
Ion	Ratio	Lower	Upper
119	100		
91	66.9	32.9	98.7
134	24.5	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 2.711 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	105	Resp:	12097
Ion	Ratio	Lower	Upper
105	100		
120	42.8	22.6	67.7

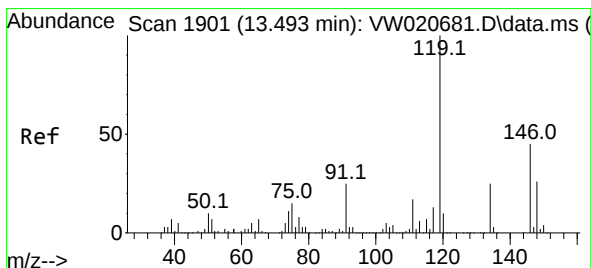
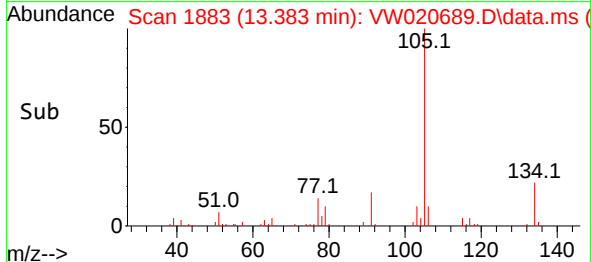
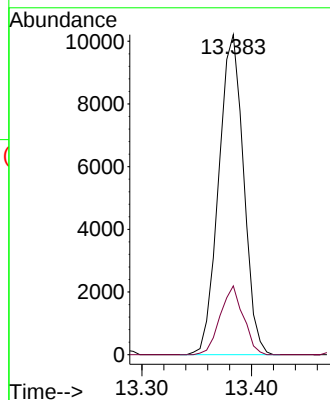
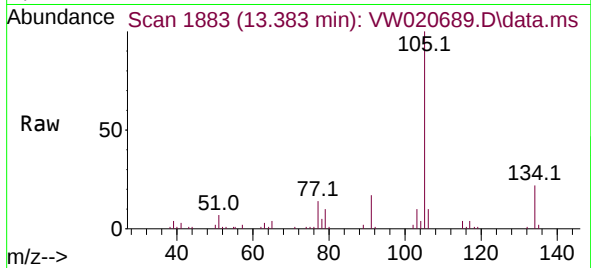




#85
 sec-Butylbenzene
 Concen: 2.763 ug/l
 RT: 13.383 min Scan# 1883
 Delta R.T. -0.000 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

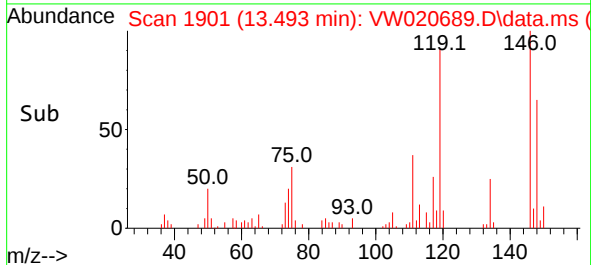
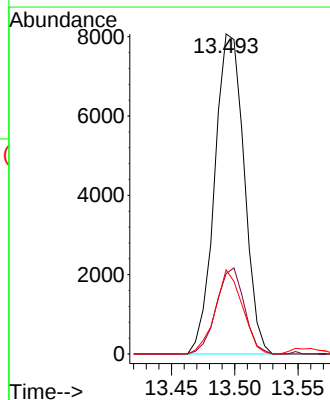
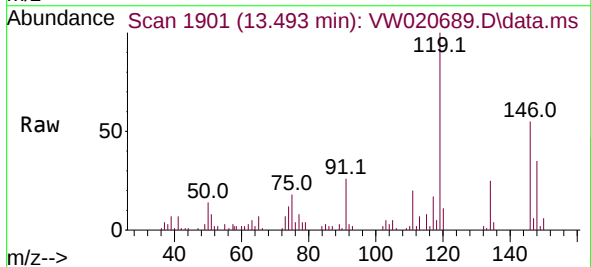
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT4-2021

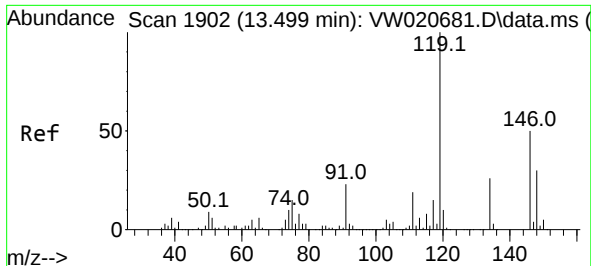
Tgt Ion:105 Resp: 16122
 Ion Ratio Lower Upper
 105 100
 134 20.0 10.1 30.3



#86
 p-Isopropyltoluene
 Concen: 2.627 ug/l
 RT: 13.493 min Scan# 1901
 Delta R.T. -0.000 min
 Lab File: VW020689.D
 Acq: 22 Oct 2021 18:25

Tgt Ion:119 Resp: 13039
 Ion Ratio Lower Upper
 119 100
 134 25.6 13.0 38.9
 91 24.3 12.0 36.0



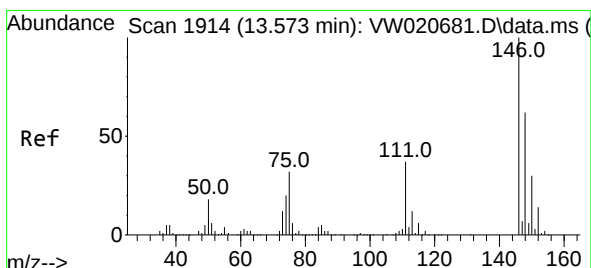
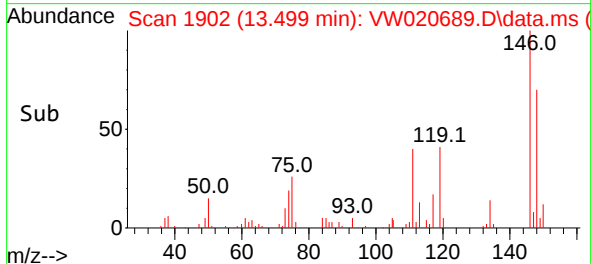
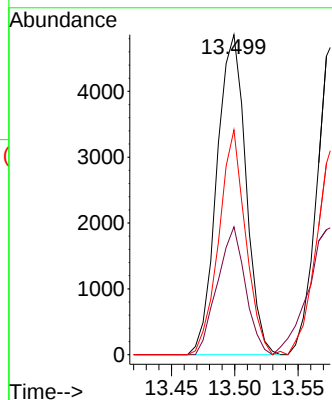
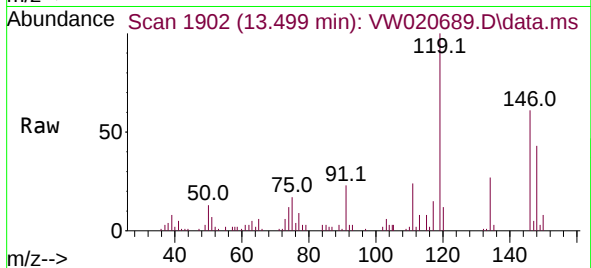


#87

1,3-Dichlorobenzene
Concen: 3.012 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

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

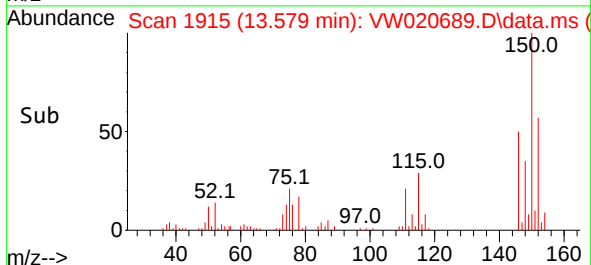
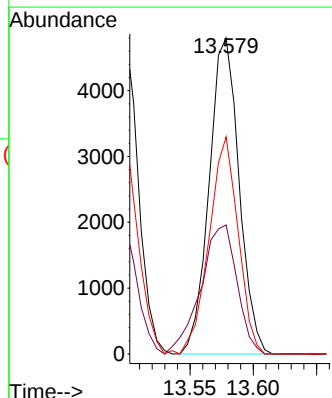
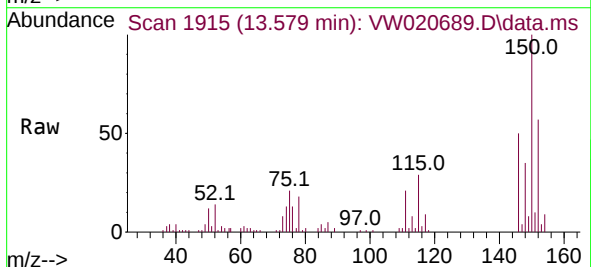
Tgt Ion:146 Resp: 7755
Ion Ratio Lower Upper
146 100
111 38.4 19.4 58.2
148 64.8 30.8 92.3

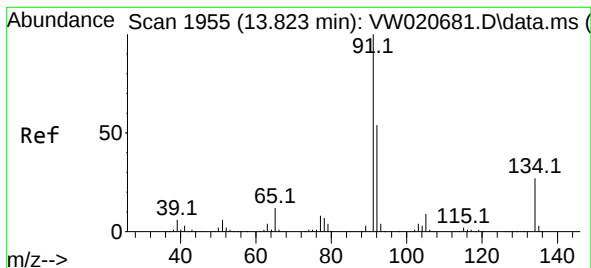


#88

1,4-Dichlorobenzene
Concen: 3.071 ug/l
RT: 13.579 min Scan# 1915
Delta R.T. 0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:146 Resp: 7895
Ion Ratio Lower Upper
146 100
111 49.4 19.4 58.4
148 66.6 32.4 97.2

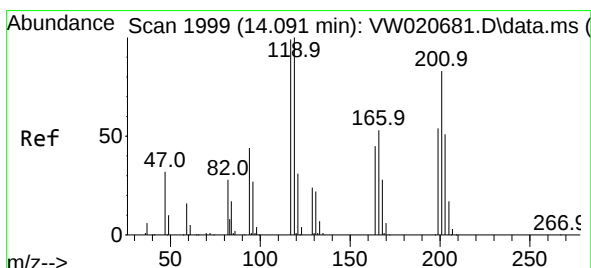
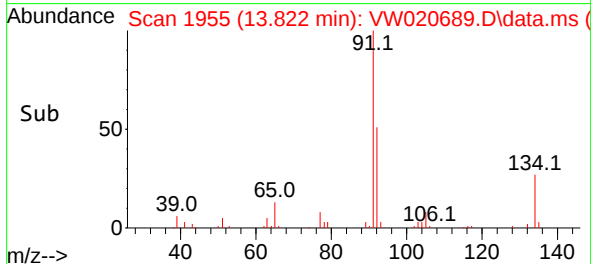
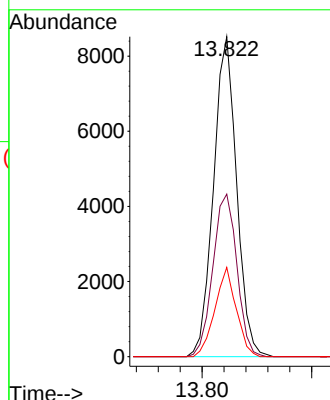
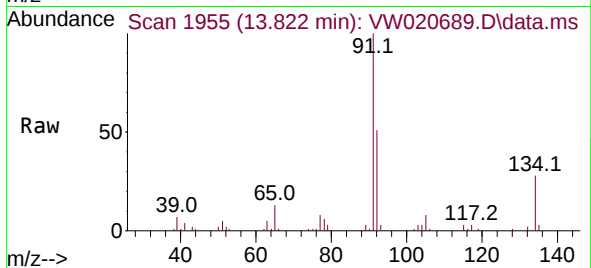




#89
n-Butylbenzene
Concen: 2.705 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

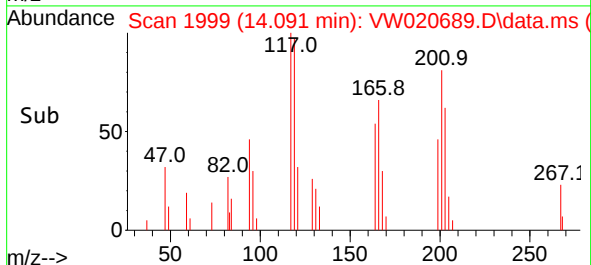
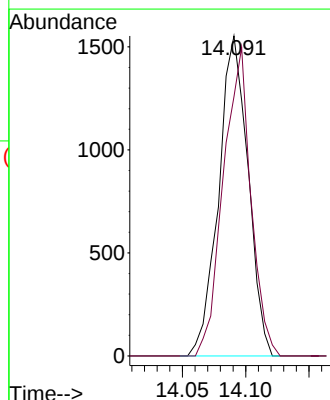
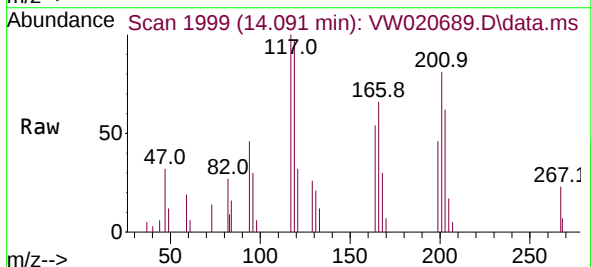
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

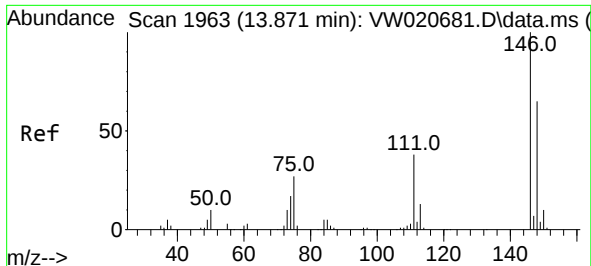
Tgt Ion:	91	Resp:	12453
Ion	Ratio	Lower	Upper
91	100		
92	52.9	27.1	81.2
134	25.8	13.4	40.1



#90
Hexachloroethane
Concen: 2.897 ug/l
RT: 14.091 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:	117	Resp:	2510
Ion	Ratio	Lower	Upper
117	100		
201	90.3	42.4	127.3

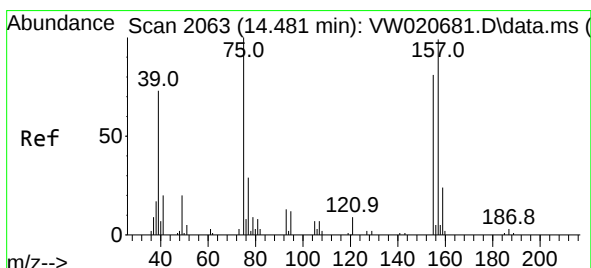
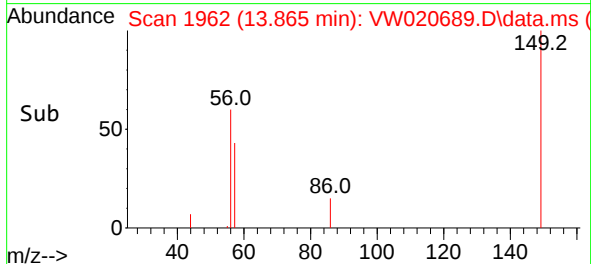
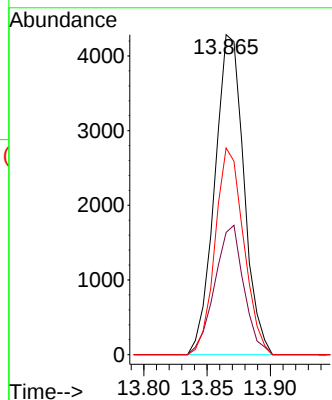
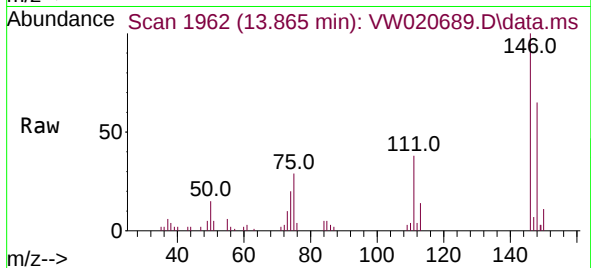




#91
1,2-Dichlorobenzene
Concen: 3.004 ug/l
RT: 13.865 min Scan# 1962
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

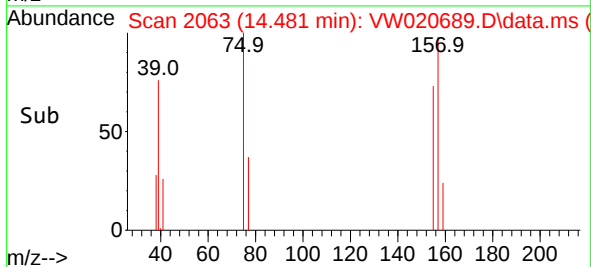
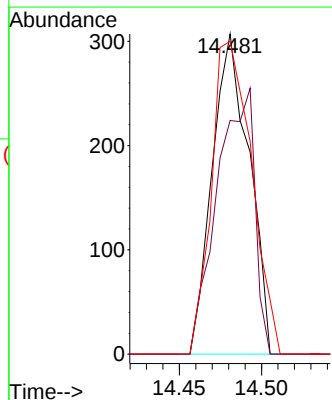
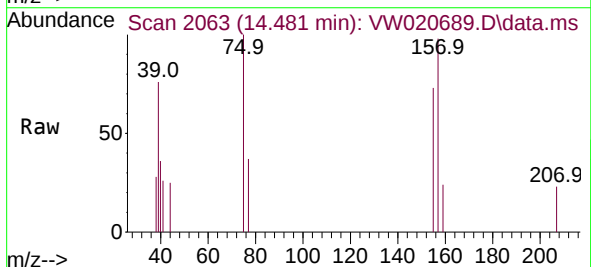
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

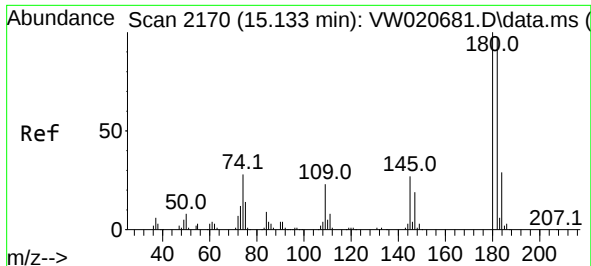
Tgt Ion:146 Resp: 6869
Ion Ratio Lower Upper
146 100
111 40.3 20.4 61.3
148 63.1 32.0 96.2



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.705 ug/l
RT: 14.481 min Scan# 2063
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion: 75 Resp: 477
Ion Ratio Lower Upper
75 100
155 84.7 42.5 127.6
157 106.5 53.4 160.2

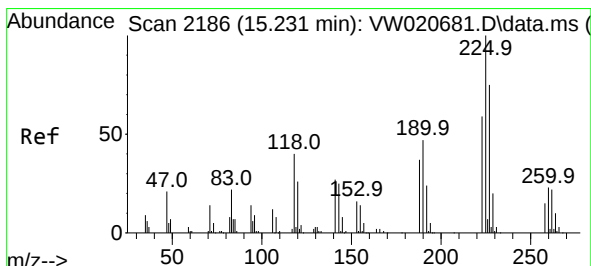
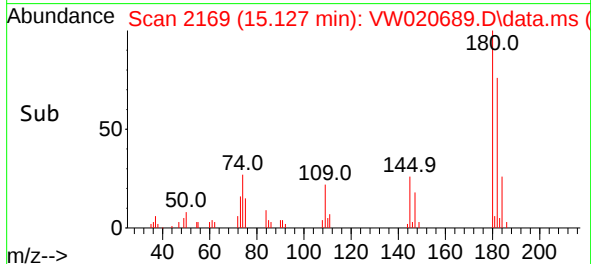
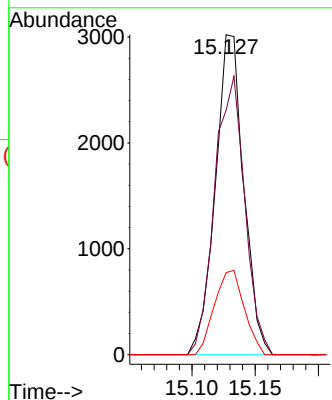
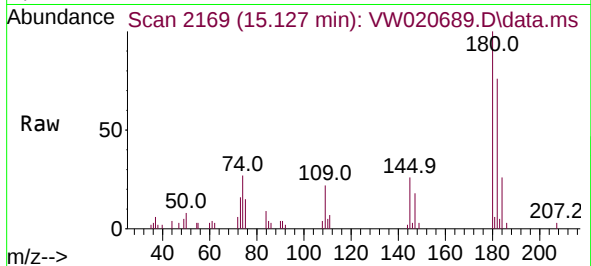




#93
1,2,4-Trichlorobenzene
Concen: 3.107 ug/l
RT: 15.127 min Scan# 2169
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

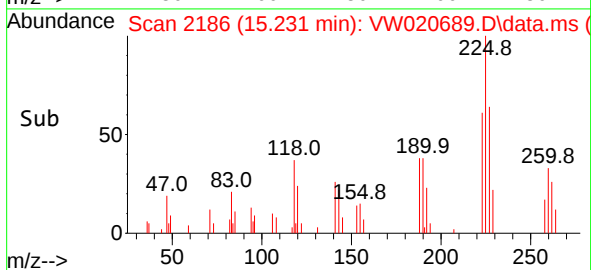
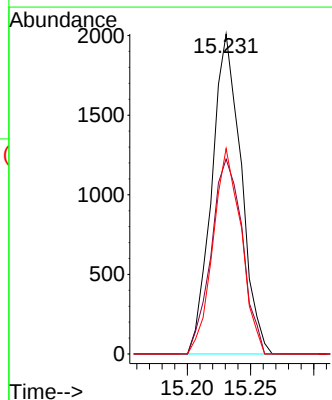
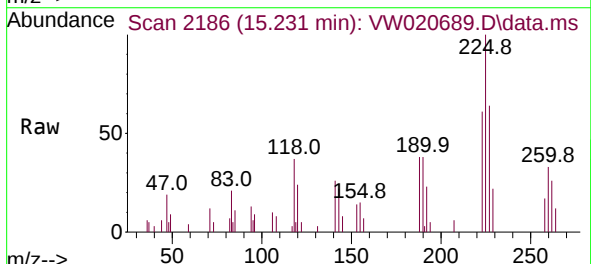
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT4-2021

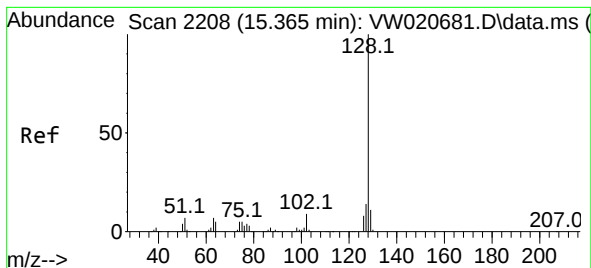
Tgt Ion:180 Resp: 4712
Ion Ratio Lower Upper
180 100
182 92.4 49.4 148.2
145 27.6 15.2 45.6



#94
Hexachlorobutadiene
Concen: 3.299 ug/l
RT: 15.231 min Scan# 2186
Delta R.T. -0.000 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:225 Resp: 3240
Ion Ratio Lower Upper
225 100
223 64.9 29.8 89.5
227 61.6 32.8 98.4

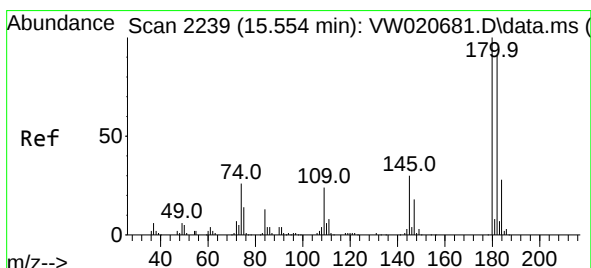
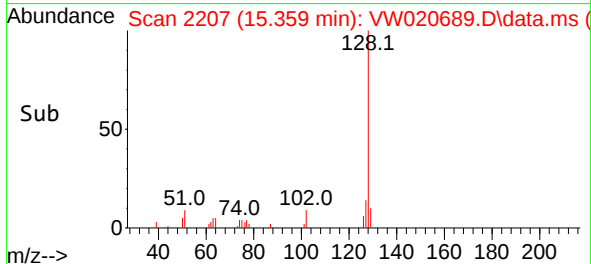
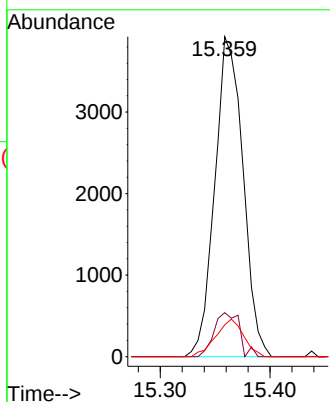
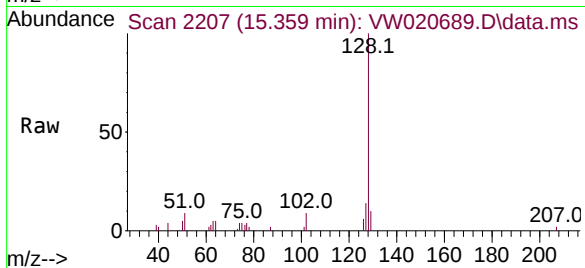




#95
Naphthalene
Concen: 2.592 ug/l
RT: 15.359 min Scan# 2207
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

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

Tgt Ion:128	Resp:	7001
Ion Ratio	Lower	Upper
128	100	
127	12.5	11.1 16.7
129	11.6	8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 3.235 ug/l
RT: 15.548 min Scan# 2238
Delta R.T. -0.006 min
Lab File: VW020689.D
Acq: 22 Oct 2021 18:25

Tgt Ion:180	Resp:	4443
Ion Ratio	Lower	Upper
180	100	
182	89.4	46.4 139.2
145	31.2	15.7 47.0

