

Data Path : Z:\voasrv\HPCHEM1\MSVOA_W\Data\VW090821\
 Data File : VW019998.D
 Acq On : 08 Sep 2021 13:23
 Operator : SY/VA
 Sample : M2940-01 2.5PPBL0D
 Misc : 5.00g/5mL/MSVOA_W/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

Quant Time: Sep 09 04:27:43 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
 Quant Title : SW846 8260
 QLast Update : Thu Sep 09 04:27:17 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.951	168	191271	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.848	114	313271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.634	117	289359	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.554	152	143484	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.305	65	108791	48.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.884	113	101664	49.417	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.840%
50) Toluene-d8	10.323	98	387826	50.714	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.420%
62) 4-Bromofluorobenzene	12.615	95	140078	49.504	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.000%

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.019	85	2644	2.276	ug/l	91
3) Chloromethane	2.221	50	4831	2.794	ug/l	100
4) Vinyl Chloride	2.367	62	6154	2.195	ug/l	93
5) Bromomethane	2.782	94	5230	2.301	ug/l	96
6) Chloroethane	2.928	64	4454	2.306	ug/l	92
7) Trichlorofluoromethane	3.263	101	3177	1.981	ug/l	93
8) Diethyl Ether	3.684	74	2027	2.064	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.080	101	4680	2.235	ug/l	96
10) Methyl Iodide	4.275	142	6149	2.144	ug/l	99
11) Tert butyl alcohol	5.159	59	3289	30.946	ug/l #	76
12) 1,1-Dichloroethene	4.037	96	4602	2.332	ug/l #	67
13) Acrolein	3.897	56	988	12.200	ug/l	99
14) Allyl chloride	4.671	41	5401	2.012	ug/l	99
15) Acrylonitrile	5.373	53	4179	10.210	ug/l	97
16) Acetone	4.129	43	8108	22.734	ug/l	97
17) Carbon Disulfide	4.385	76	12493	2.080	ug/l	98
18) Methyl Acetate	4.671	43	2832	2.797	ug/l #	88
19) Methyl tert-butyl Ether	5.421	73	5249	2.016	ug/l	91
20) Methylene Chloride	4.921	84	23859	8.896	ug/l	95
21) trans-1,2-Dichloroethene	5.440	96	4594	2.049	ug/l #	79
22) Diisopropyl ether	6.317	45	9990	1.756	ug/l	97
23) Vinyl Acetate	6.263	43	26715	8.610	ug/l	98
24) 1,1-Dichloroethane	6.220	63	8515	2.114	ug/l	99
25) 2-Butanone	7.183	43	7358	14.390	ug/l	100
26) 2,2-Dichloropropane	7.165	77	7806	3.205	ug/l	84
27) cis-1,2-Dichloroethene	7.177	96	5006	2.091	ug/l	80
28) Bromochloromethane	7.512	49	3441	2.153	ug/l #	96
29) Tetrahydrofuran	7.543	42	3246	10.204	ug/l	97
30) Chloroform	7.683	83	9053	2.133	ug/l	99
31) Cyclohexane	7.957	56	11111	3.070	ug/l #	74
32) 1,1,1-Trichloroethane	7.872	97	7299	2.125	ug/l	99
36) 1,1-Dichloropropene	8.085	75	6993	2.122	ug/l	98
37) Ethyl Acetate	7.256	43	3656	3.017	ug/l #	93
38) Carbon Tetrachloride	8.067	117	6783	2.019	ug/l	94
39) Methylcyclohexane	9.335	83	7544	1.975	ug/l	93
40) Benzene	8.329	78	19134	2.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.488	41	1024	1.527	ug/l	94
42) 1,2-Dichloroethane	8.402	62	5922	2.125	ug/l	100
43) Isopropyl Acetate	8.427	43	4616	2.007	ug/l #	81
44) Trichloroethene	9.091	130	5443	2.285	ug/l	85
45) 1,2-Dichloropropane	9.372	63	4698	2.128	ug/l	94
46) Dibromomethane	9.457	93	2641	2.121	ug/l	98
47) Bromodichloromethane	9.646	83	6373	2.054	ug/l	93
48) Methyl methacrylate	9.445	41	1826	1.815	ug/l #	88
49) 1,4-Dioxane	9.463	88	494	31.061	ug/l #	76
51) 4-Methyl-2-Pentanone	10.213	43	12854	10.780	ug/l	97
52) Toluene	10.390	92	12549	2.184	ug/l	96
53) t-1,3-Dichloropropene	10.609	75	5399	1.814	ug/l	97
54) cis-1,3-Dichloropropene	10.073	75	6637	1.916	ug/l	94
55) 1,1,2-Trichloroethane	10.786	97	3606	2.137	ug/l #	91
56) Ethyl methacrylate	10.652	69	3432	1.818	ug/l	94
57) 1,3-Dichloropropane	10.933	76	5861	2.024	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.927	63	8895	10.322	ug/l	99
59) 2-Hexanone	10.969	43	7282	9.139	ug/l	91
60) Dibromochloromethane	11.128	129	3651	1.869	ug/l	97
61) 1,2-Dibromoethane	11.237	107	3163	2.002	ug/l	97
64) Tetrachloroethene	10.865	164	4281	2.132	ug/l	96
65) Chlorobenzene	11.658	112	13215	2.125	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.731	131	4297	1.939	ug/l	98
67) Ethyl Benzene	11.731	91	21134	1.926	ug/l	98
68) m/p-Xylenes	11.841	106	15844	3.659	ug/l	96
69) o-Xylene	12.164	106	6477	1.632	ug/l	89
70) Styrene	12.182	104	10411	1.548	ug/l	96
71) Bromoform	12.347	173	2132	1.954	ug/l #	94
73) Isopropylbenzene	12.463	105	18524	1.825	ug/l	97
74) N-amyl acetate	12.274	43	3518	1.688	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.713	83	4086	2.192	ug/l	98
76) 1,2,3-Trichloropropane	12.768	75	5314	3.987	ug/l #	100
77) Bromobenzene	12.743	156	5205	2.210	ug/l	96
78) n-propylbenzene	12.804	91	26248	2.053	ug/l	100
79) 2-Chlorotoluene	12.889	91	15070	2.025	ug/l	97
80) 1,3,5-Trimethylbenzene	12.944	105	15914	1.778	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.615	75	72510	131.699	ug/l #	7
82) 4-Chlorotoluene	12.987	91	15070	1.926	ug/l	96
83) tert-Butylbenzene	13.207	119	13528	1.805	ug/l	97
84) 1,2,4-Trimethylbenzene	13.249	105	15487	1.767	ug/l	96
85) sec-Butylbenzene	13.383	105	21106	1.855	ug/l	100
86) p-Isopropyltoluene	13.493	119	17114	1.786	ug/l	98
87) 1,3-Dichlorobenzene	13.499	146	10307	2.064	ug/l	98
88) 1,4-Dichlorobenzene	13.578	146	11459	2.312	ug/l	88
89) n-Butylbenzene	13.822	91	17924	1.952	ug/l	95
90) Hexachloroethane	14.090	117	3920	2.141	ug/l	91
91) 1,2-Dichlorobenzene	13.871	146	9134	2.106	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.487	75	726	2.373	ug/l	91
93) 1,2,4-Trichlorobenzene	15.133	180	5621	2.126	ug/l	94
94) Hexachlorobutadiene	15.237	225	3258	2.074	ug/l	90
95) Naphthalene	15.365	128	8860	1.937	ug/l	97
96) 1,2,3-Trichlorobenzene	15.554	180	4931	2.127	ug/l	94

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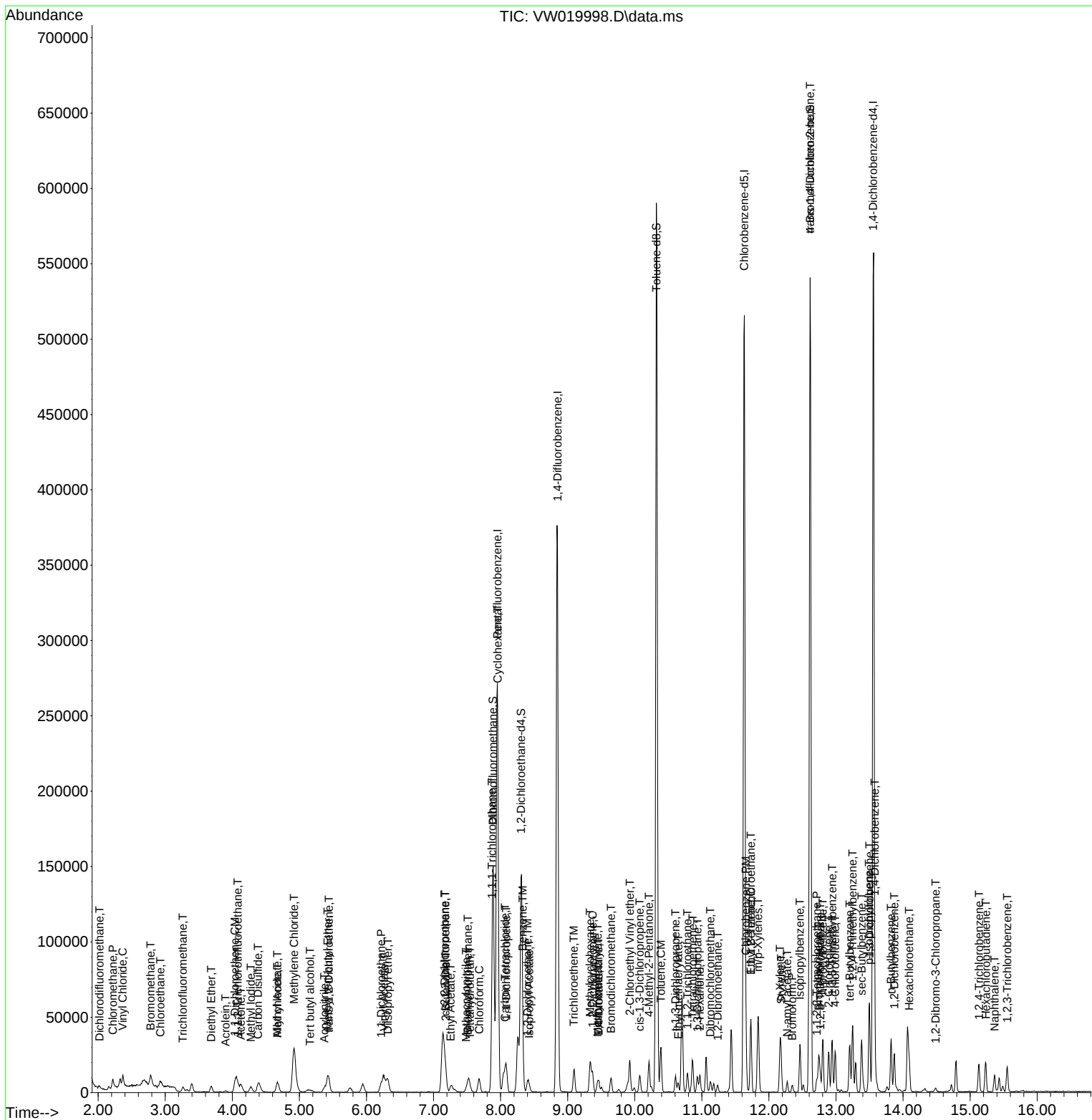
Quant Time: Sep 09 04:27:43 2021
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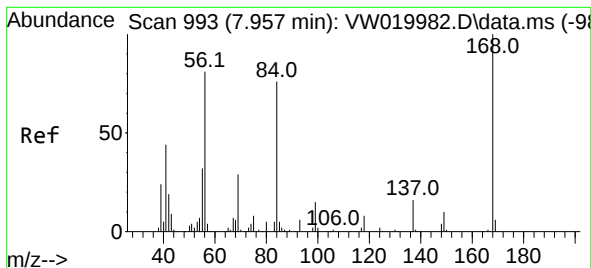
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-OT3-2021

Quant Time: Sep 09 04:27:43 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_W\Method\82W090721S.M
Quant Title : SW846 8260
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.951 min Scan# 992

Delta R.T. -0.006 min

Lab File: VW019998.D

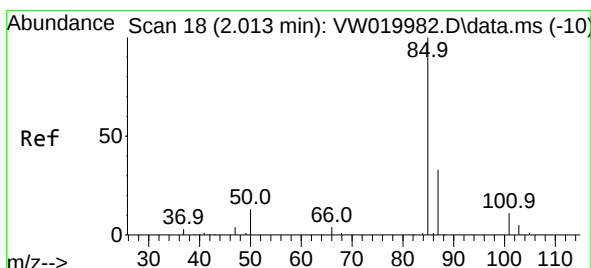
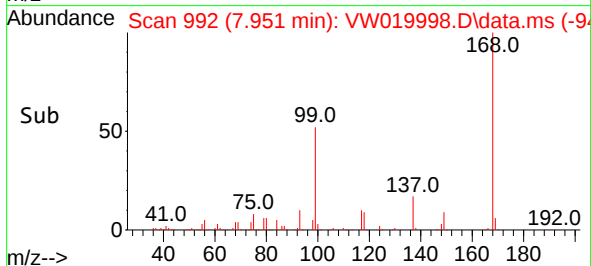
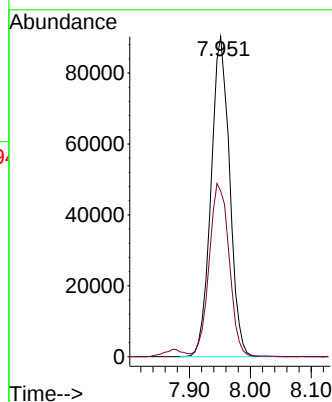
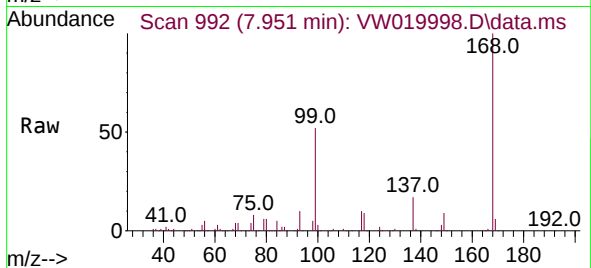
Acq: 08 Sep 2021 13:23

Tgt Ion:168 Resp: 191271

Ion Ratio Lower Upper

168 100

99 51.7 42.9 64.3



#2

Dichlorodifluoromethane

Concen: 2.276 ug/l

RT: 2.019 min Scan# 19

Delta R.T. 0.006 min

Lab File: VW019998.D

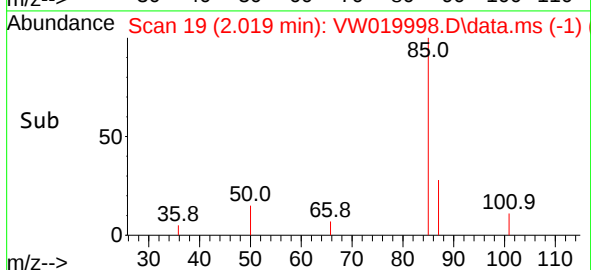
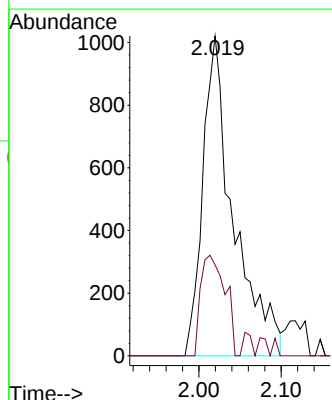
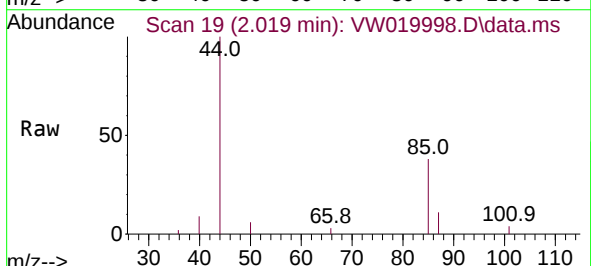
Acq: 08 Sep 2021 13:23

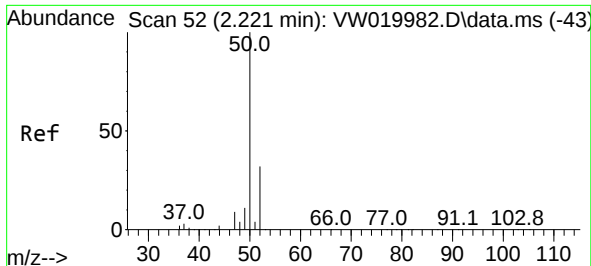
Tgt Ion: 85 Resp: 2644

Ion Ratio Lower Upper

85 100

87 28.4 16.7 50.0

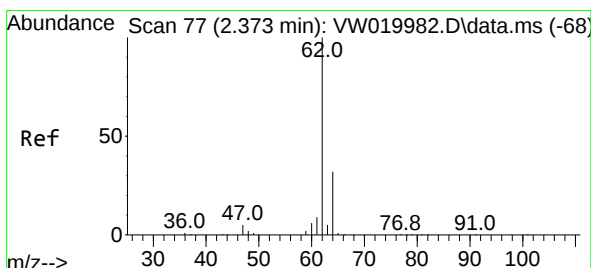
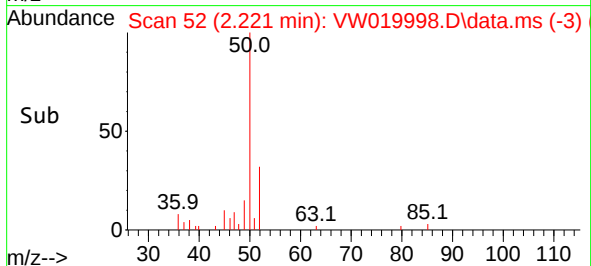
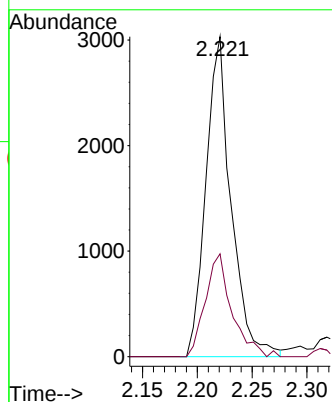
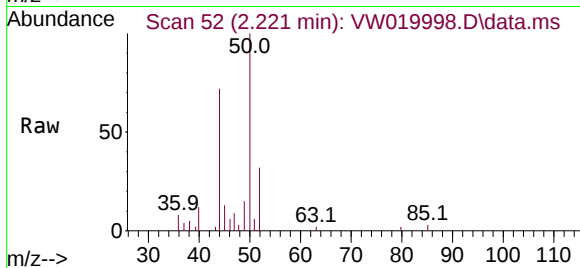




#3
Chloromethane
Concen: 2.794 ug/l
RT: 2.221 min Scan# 52
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

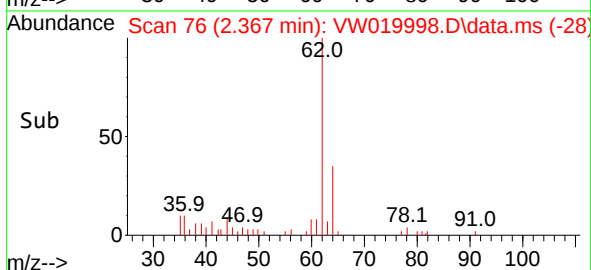
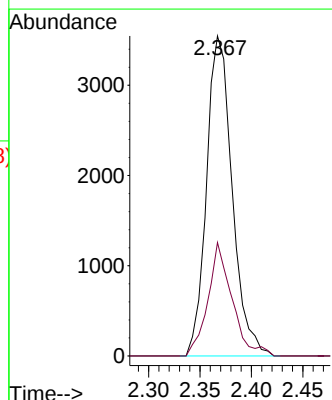
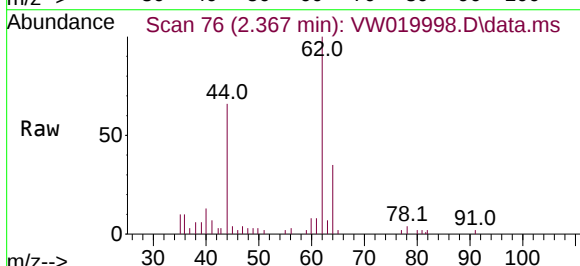
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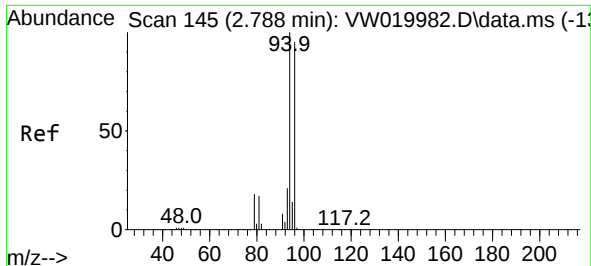
Tgt Ion	Ratio	Lower	Upper
50	100		
52	32.2	25.5	38.3



#4
Vinyl Chloride
Concen: 2.195 ug/l
RT: 2.367 min Scan# 76
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion	Ratio	Lower	Upper
62	100		
64	35.4	25.3	37.9

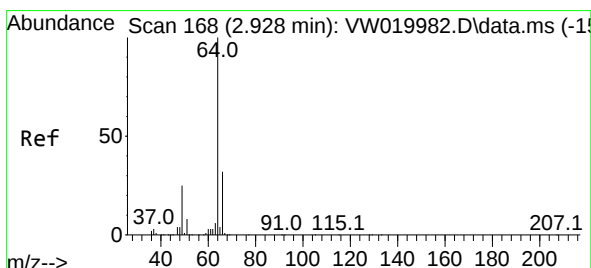
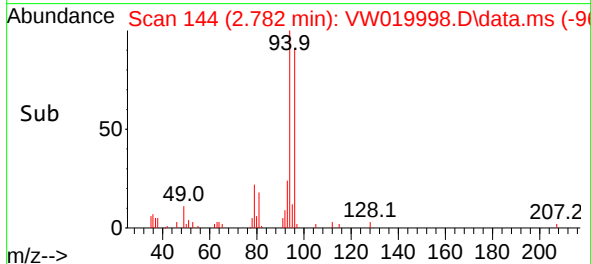
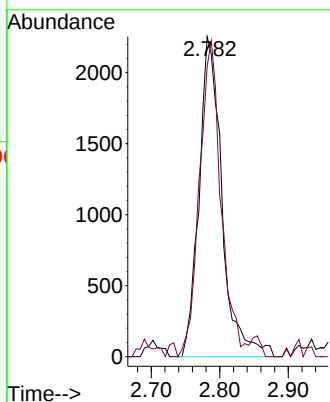
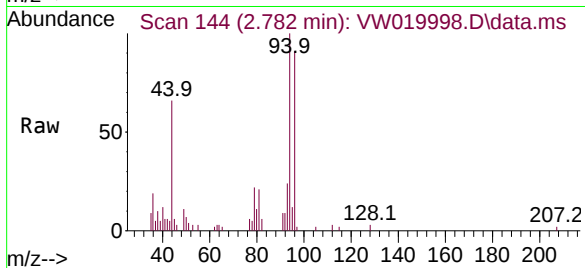




#5
Bromomethane
Concen: 2.301 ug/l
RT: 2.782 min Scan# 144
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

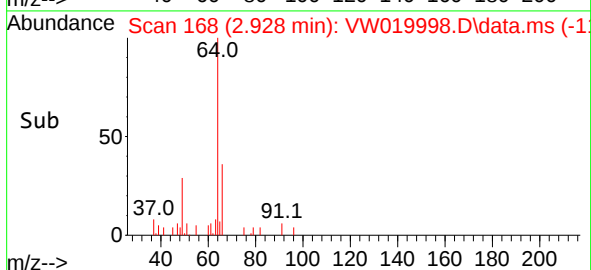
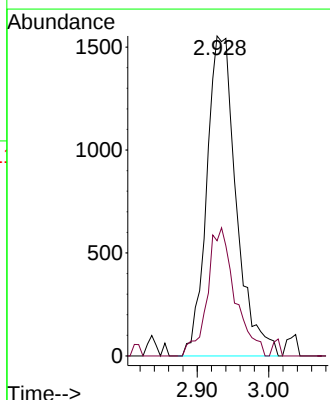
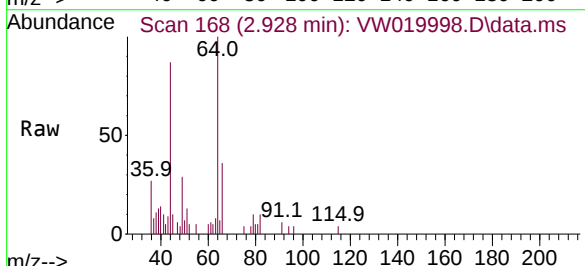
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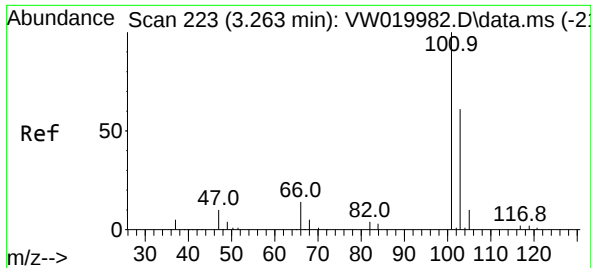
Tgt Ion: 94 Resp: 5230
Ion Ratio Lower Upper
94 100
96 90.8 75.7 113.5



#6
Chloroethane
Concen: 2.306 ug/l
RT: 2.928 min Scan# 168
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 64 Resp: 4454
Ion Ratio Lower Upper
64 100
66 36.0 25.4 38.2

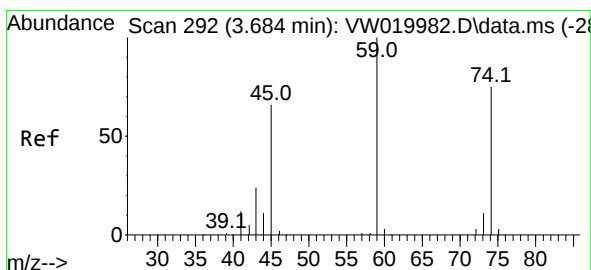
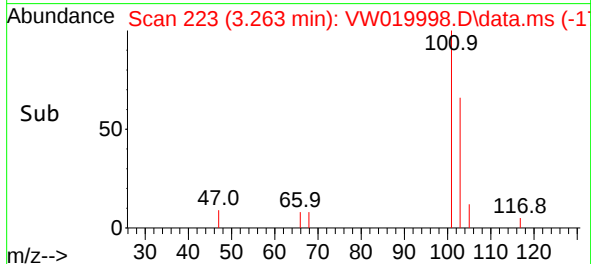
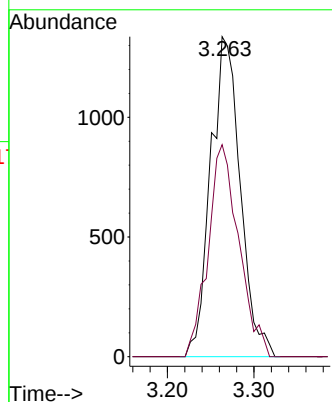
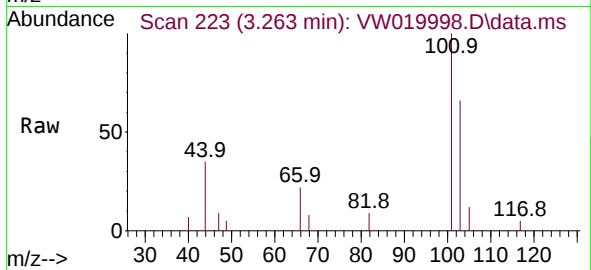




#7
 Trichlorofluoromethane
 Concen: 1.981 ug/l
 RT: 3.263 min Scan# 223
 Delta R.T. -0.000 min
 Lab File: VW019998.D
 Acq: 08 Sep 2021 13:23

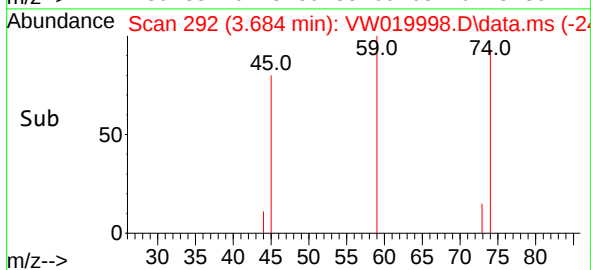
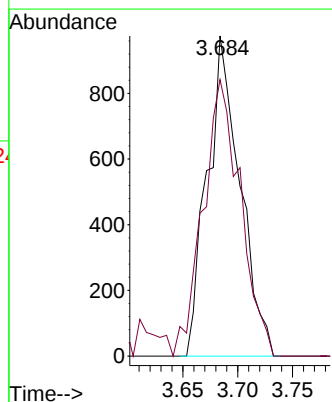
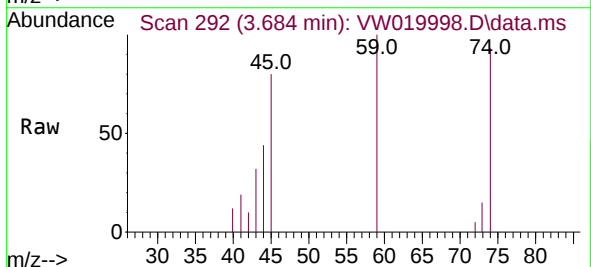
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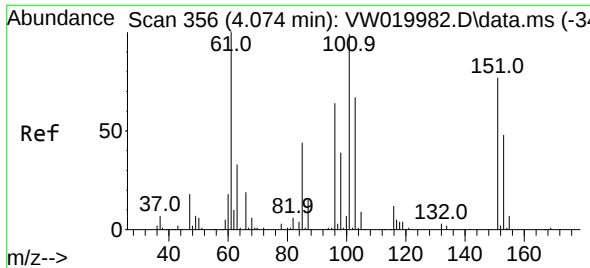
Tgt Ion:101 Resp: 3177
 Ion Ratio Lower Upper
 101 100
 103 66.3 48.8 73.2



#8
 Diethyl Ether
 Concen: 2.064 ug/l
 RT: 3.684 min Scan# 292
 Delta R.T. -0.000 min
 Lab File: VW019998.D
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Tgt Ion: 74 Resp: 2027
 Ion Ratio Lower Upper
 74 100
 45 98.2 44.5 133.7

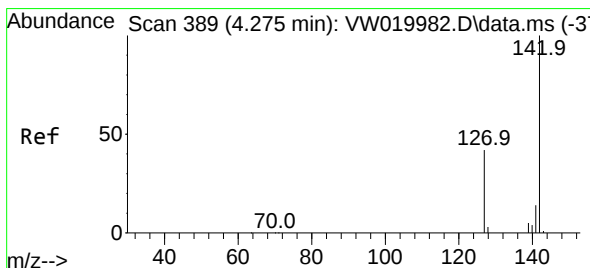
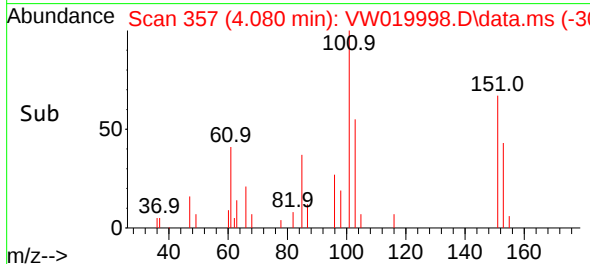
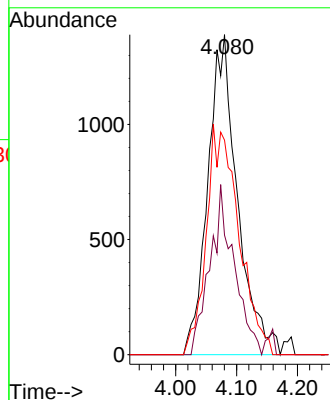
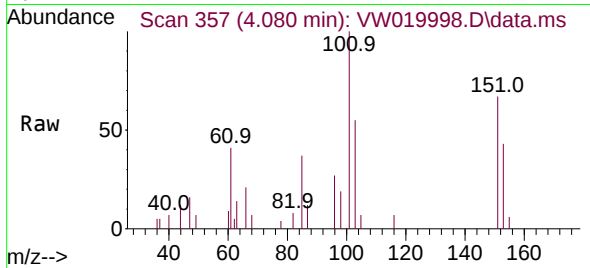




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.235 ug/l
RT: 4.080 min Scan# 357
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

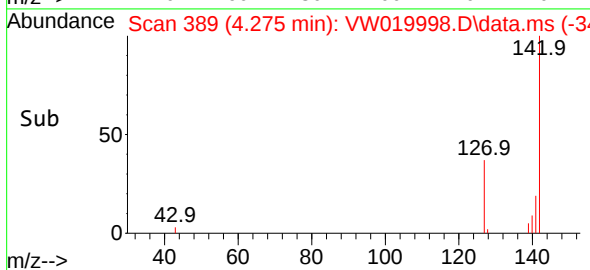
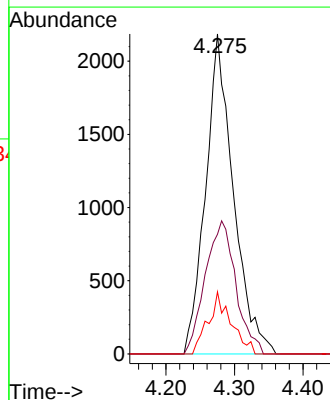
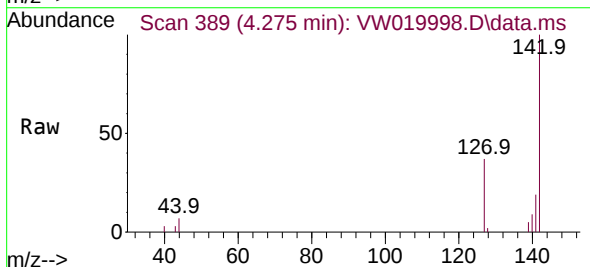
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

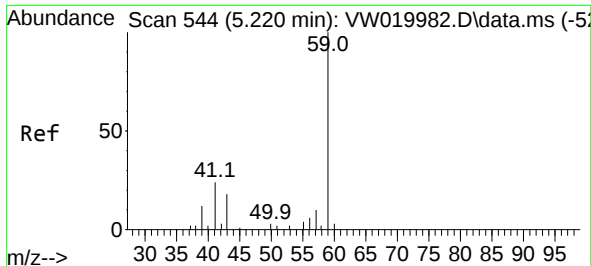
Tgt Ion:	101	Resp:	4680
Ion	Ratio	Lower	Upper
101	100		
85	43.6	36.6	54.8
151	78.7	59.9	89.9



#10
Methyl Iodide
Concen: 2.144 ug/l
RT: 4.275 min Scan# 389
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	142	Resp:	6149
Ion	Ratio	Lower	Upper
142	100		
127	45.6	36.4	54.6
141	16.0	11.8	17.8

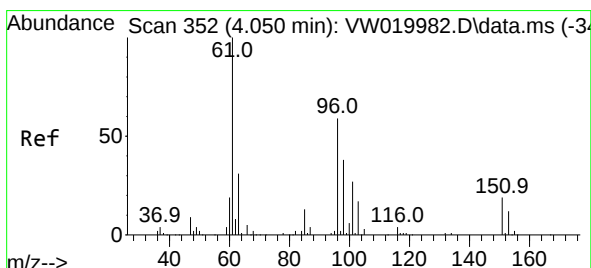
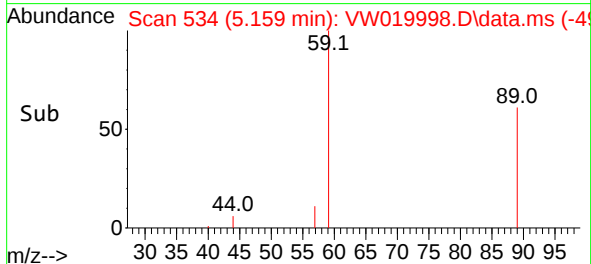
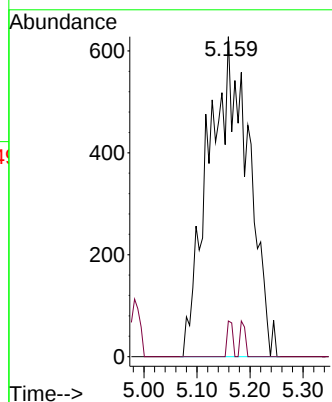
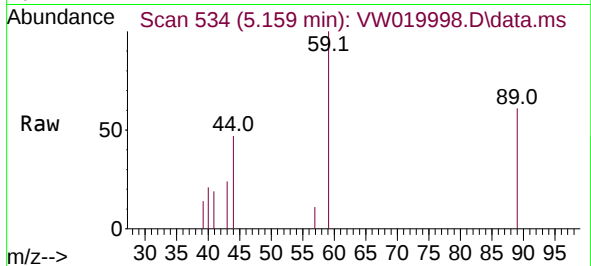




#11
Tert butyl alcohol
Concen: 30.946 ug/l
RT: 5.159 min Scan# 534
Delta R.T. -0.061 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

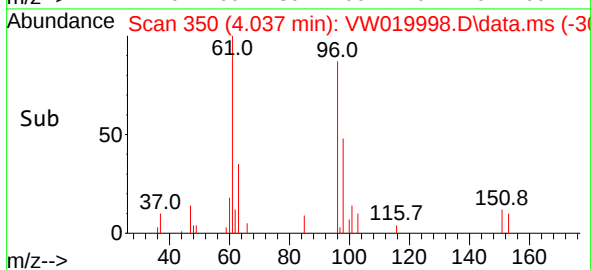
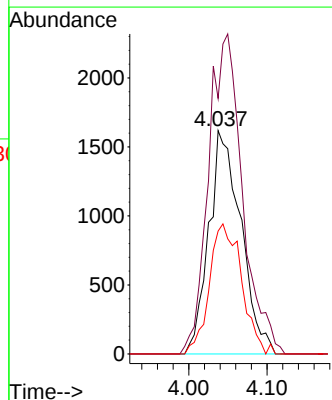
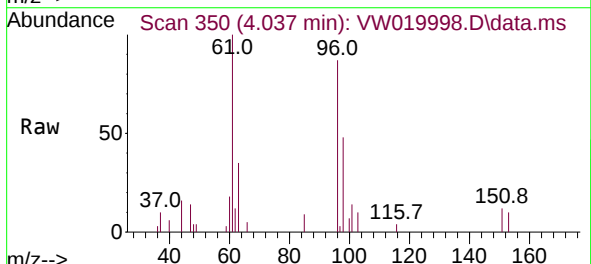
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

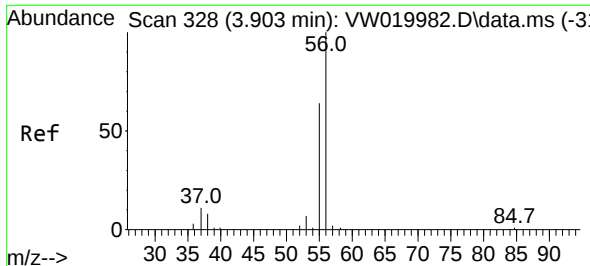
Tgt Ion: 59 Resp: 3289
Ion Ratio Lower Upper
59 100
57 1.5 8.4 12.6#



#12
1,1-Dichloroethene
Concen: 2.332 ug/l
RT: 4.037 min Scan# 350
Delta R.T. -0.012 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 96 Resp: 4602
Ion Ratio Lower Upper
96 100
61 114.5 136.0 204.0#
98 55.0 51.5 77.3

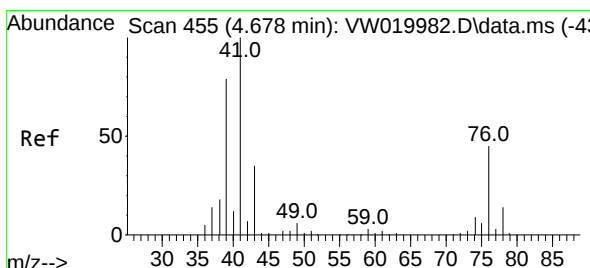
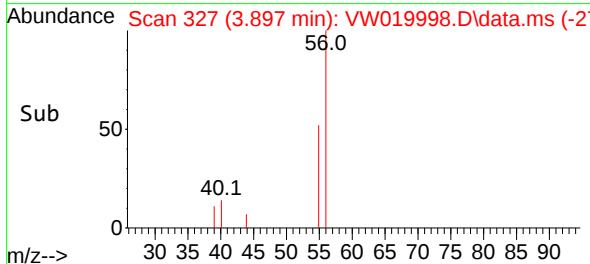
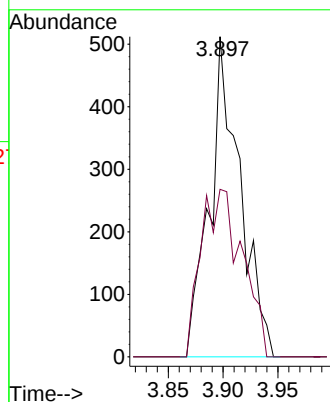
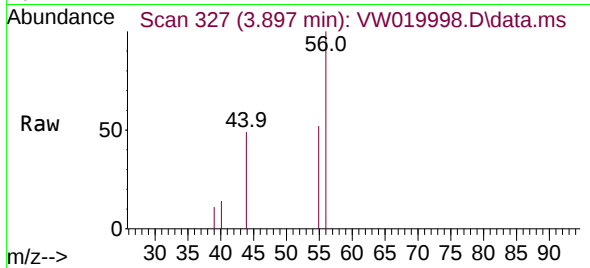




#13
Acrolein
Concen: 12.200 ug/l
RT: 3.897 min Scan# 327
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

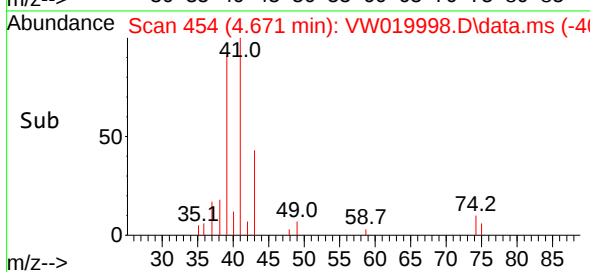
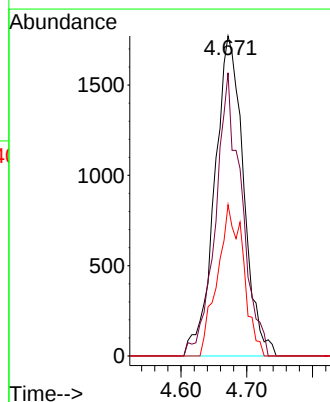
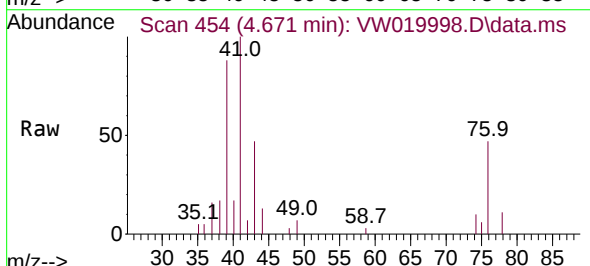
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

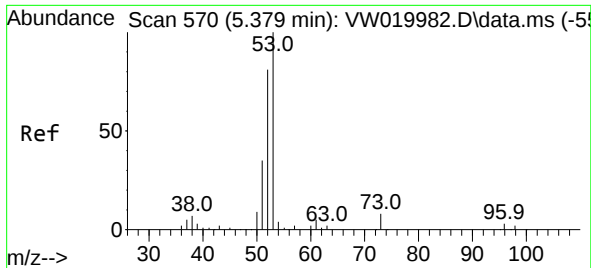
Tgt Ion: 56 Resp: 988
Ion Ratio Lower Upper
56 100
55 71.2 56.2 84.2



#14
Allyl chloride
Concen: 2.012 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 41 Resp: 5401
Ion Ratio Lower Upper
41 100
39 79.8 62.5 93.7
76 42.5 33.8 50.8

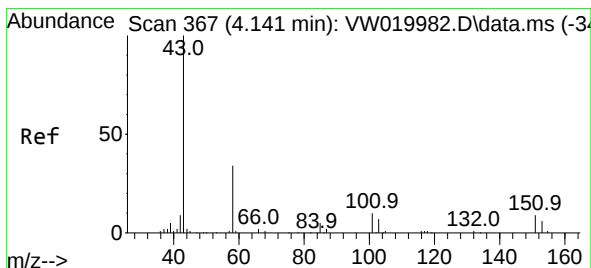
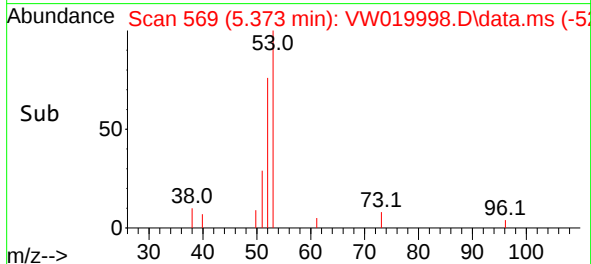
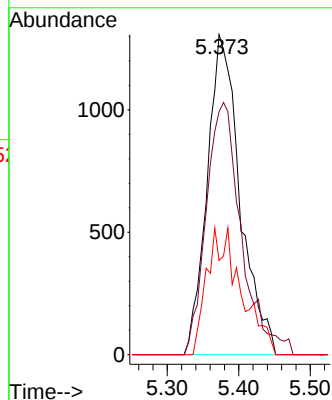
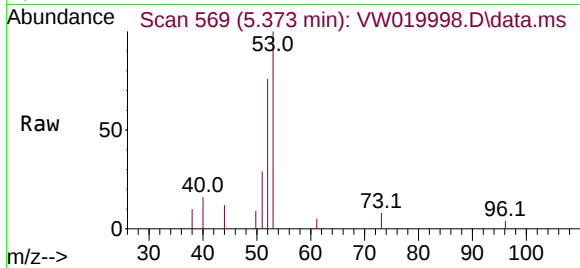




#15
Acrylonitrile
Concen: 10.210 ug/l
RT: 5.373 min Scan# 569
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

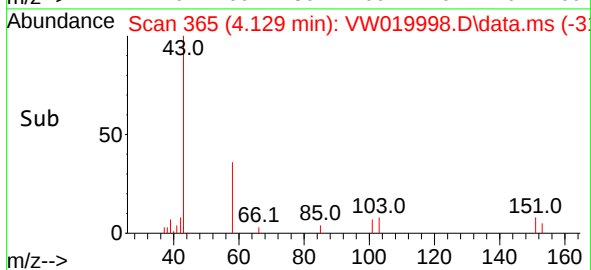
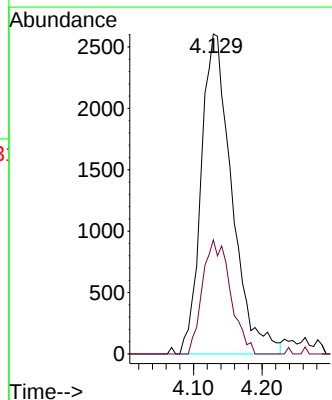
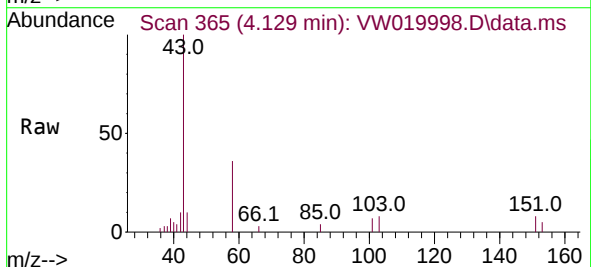
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

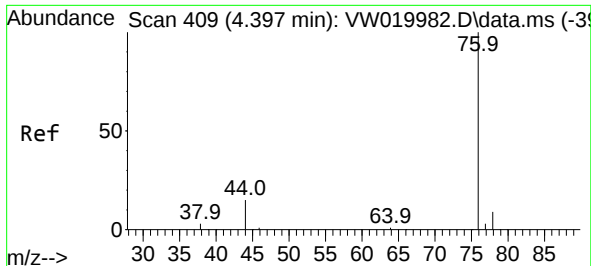
Tgt Ion:	53	Resp:	4179
Ion	Ratio	Lower	Upper
53	100		
52	84.2	65.9	98.9
51	40.9	29.8	44.8



#16
Acetone
Concen: 22.734 ug/l
RT: 4.129 min Scan# 365
Delta R.T. -0.012 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	43	Resp:	8108
Ion	Ratio	Lower	Upper
43	100		
58	35.6	27.2	40.8

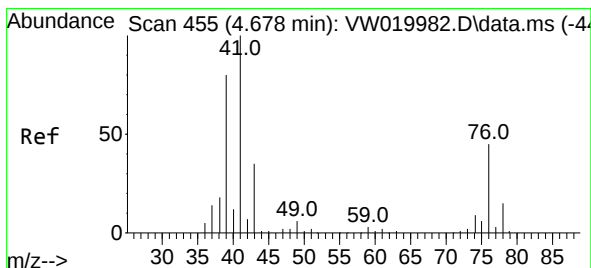
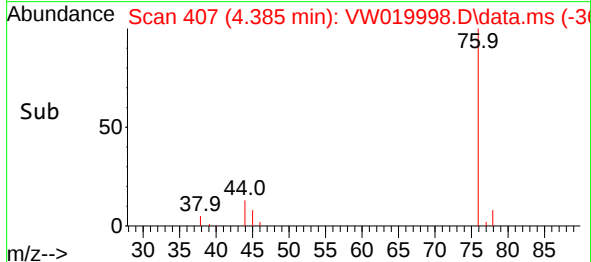
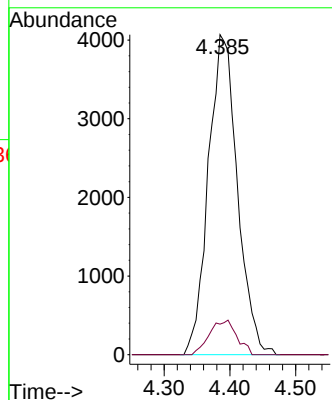
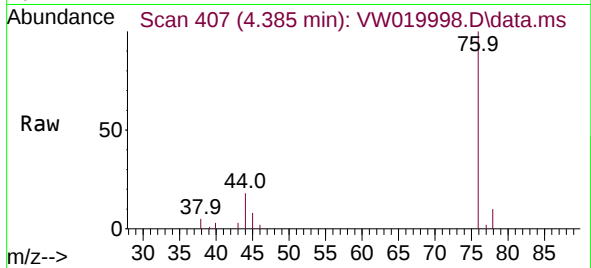




#17
Carbon Disulfide
Concen: 2.080 ug/l
RT: 4.385 min Scan# 407
Delta R.T. -0.012 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

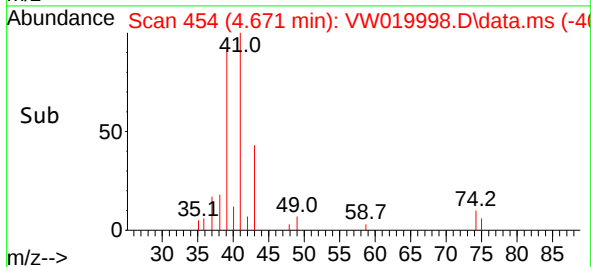
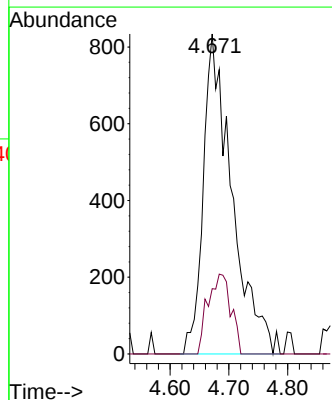
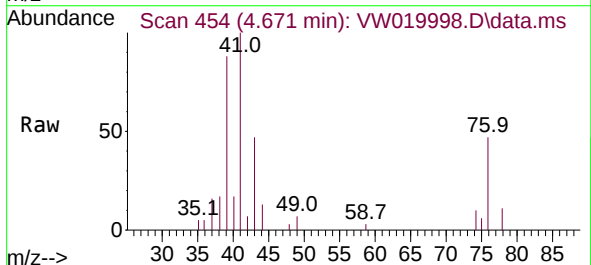
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

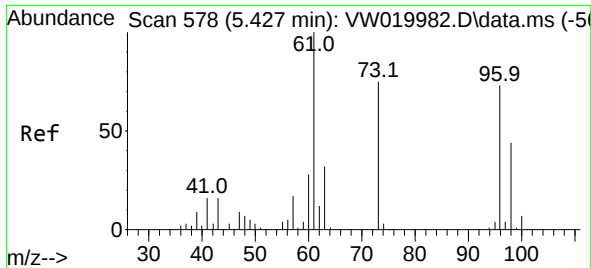
Tgt Ion: 76 Resp: 12493
Ion Ratio Lower Upper
76 100
78 9.5 7.1 10.7



#18
Methyl Acetate
Concen: 2.797 ug/l
RT: 4.671 min Scan# 454
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 43 Resp: 2832
Ion Ratio Lower Upper
43 100
74 20.0 21.0 31.6#

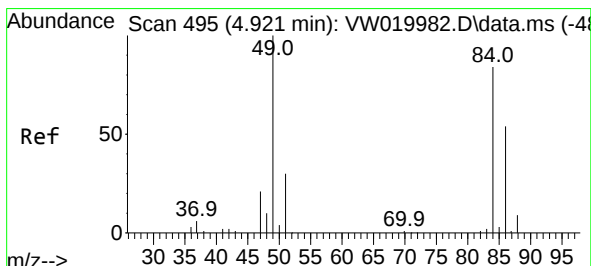
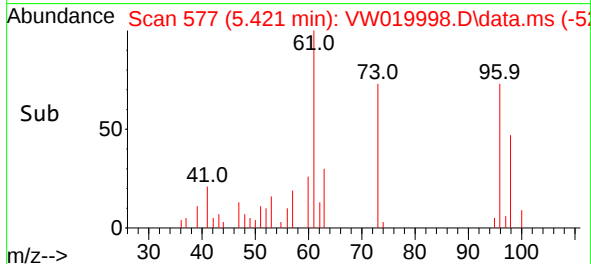
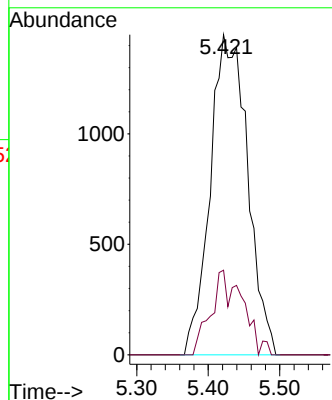
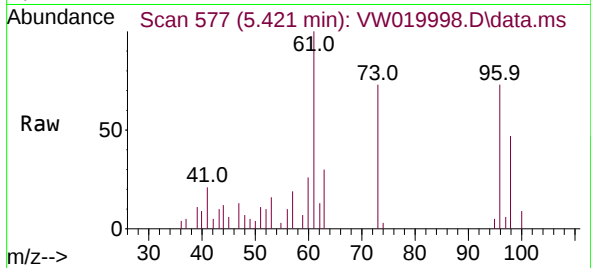




#19
Methyl tert-butyl Ether
Concen: 2.016 ug/l
RT: 5.421 min Scan# 577
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

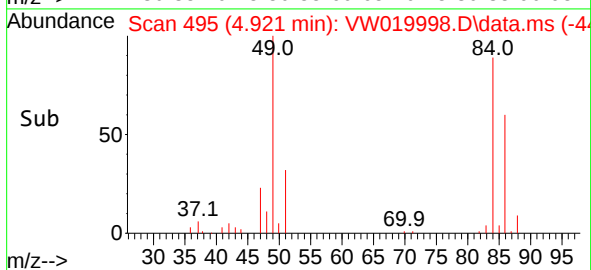
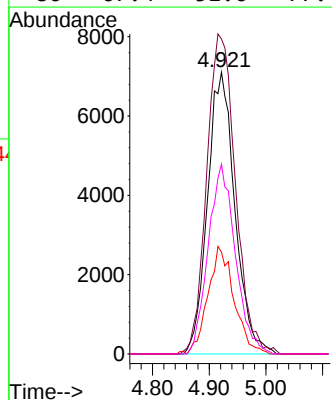
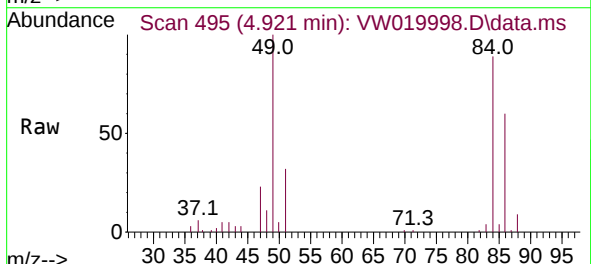
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

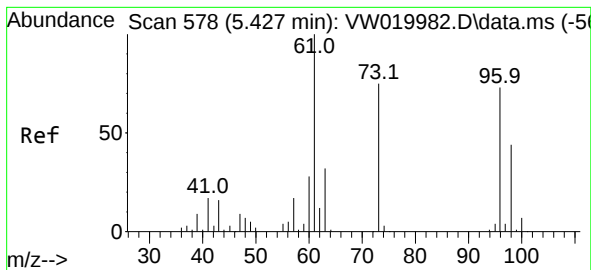
Tgt Ion: 73 Resp: 5249
Ion Ratio Lower Upper
73 100
57 26.4 17.7 26.5



#20
Methylene Chloride
Concen: 8.896 ug/l
RT: 4.921 min Scan# 495
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 84 Resp: 23859
Ion Ratio Lower Upper
84 100
49 111.7 95.4 143.0
51 36.1 28.9 43.3
86 67.4 51.6 77.4





#21

trans-1,2-Dichloroethene

Concen: 2.049 ug/l

RT: 5.440 min Scan# 580

Delta R.T. 0.012 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

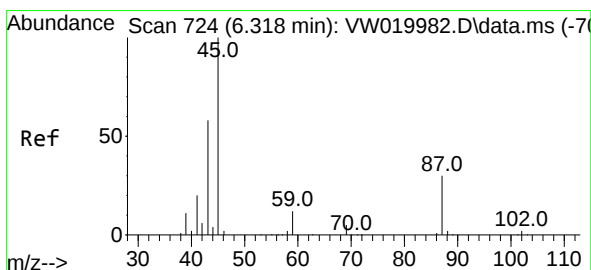
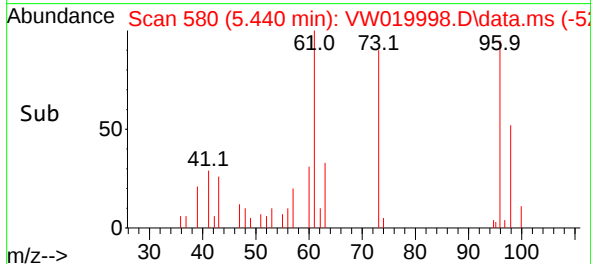
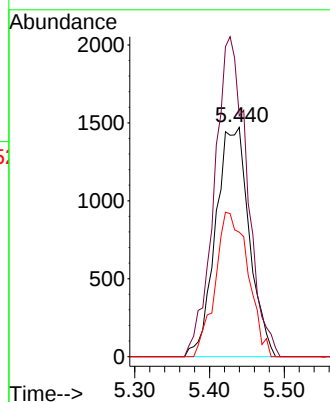
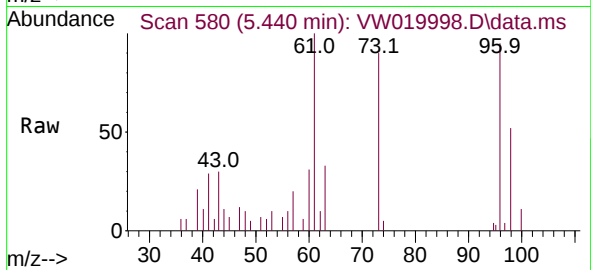
Tgt Ion: 96 Resp: 4594

Ion Ratio Lower Upper

96 100

61 105.0 109.3 163.9#

98 54.2 48.3 72.5



#22

Diisopropyl ether

Concen: 1.756 ug/l

RT: 6.317 min Scan# 724

Delta R.T. -0.000 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion: 45 Resp: 9990

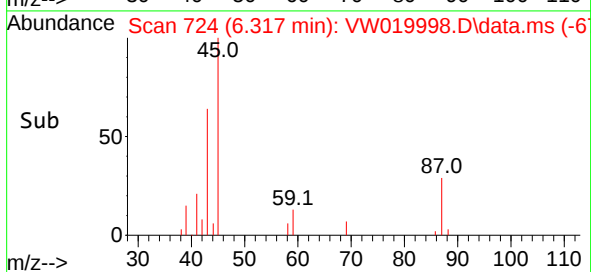
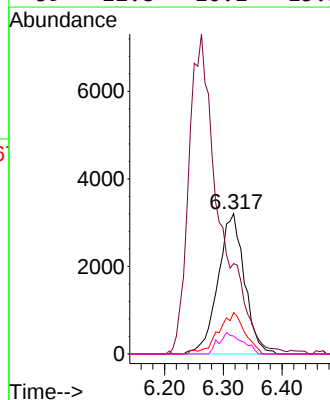
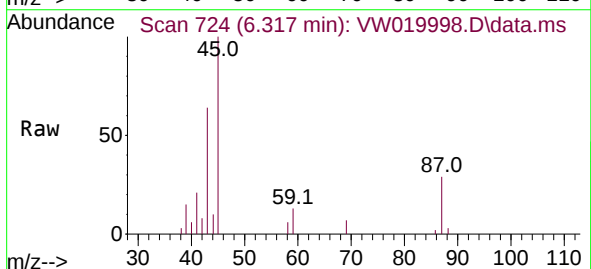
Ion Ratio Lower Upper

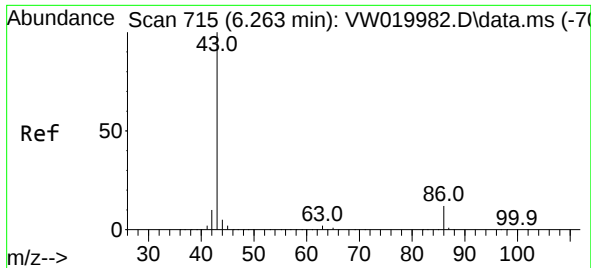
45 100

43 61.3 46.8 70.2

87 29.5 24.3 36.5

59 12.8 10.1 15.1

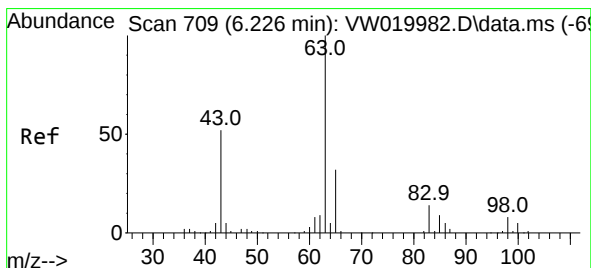
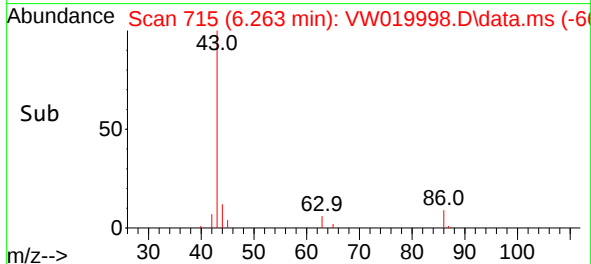
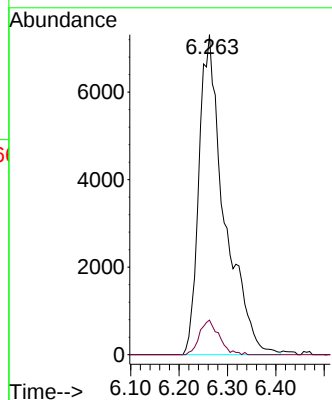
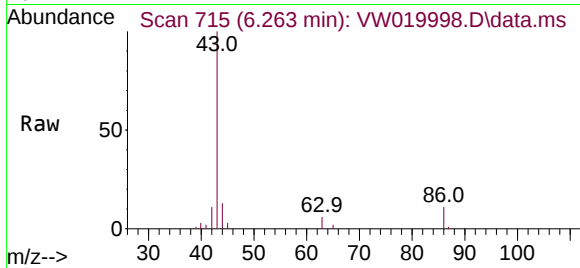




#23
 Vinyl Acetate
 Concen: 8.610 ug/l
 RT: 6.263 min Scan# 715
 Delta R.T. -0.000 min
 Lab File: VW019998.D
 Acq: 08 Sep 2021 13:23

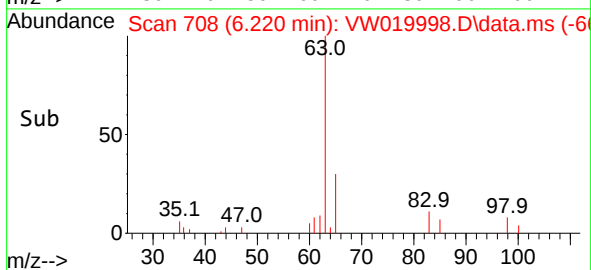
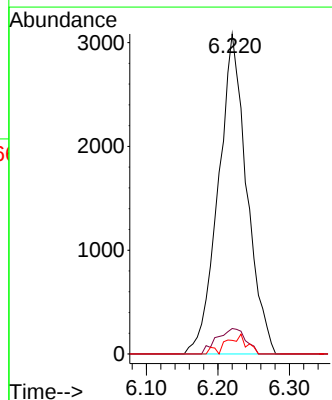
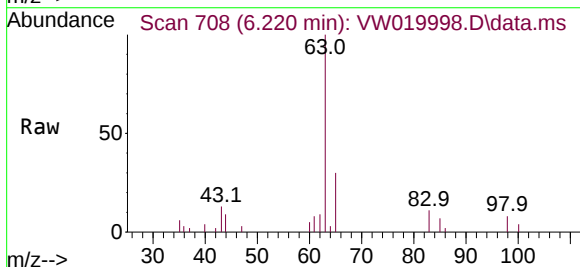
Instrument :
 MSVOA_W
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2021

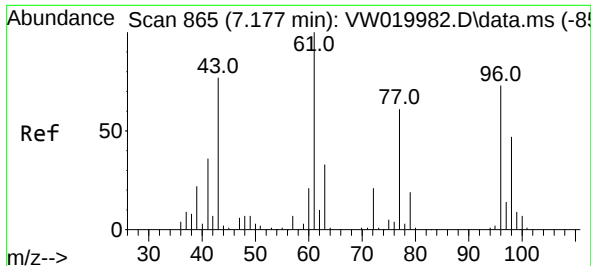
Tgt Ion: 43 Resp: 26715
 Ion Ratio Lower Upper
 43 100
 86 10.8 9.3 13.9



#24
 1,1-Dichloroethane
 Concen: 2.114 ug/l
 RT: 6.220 min Scan# 708
 Delta R.T. -0.006 min
 Lab File: VW019998.D
 Acq: 08 Sep 2021 13:23

Tgt Ion: 63 Resp: 8515
 Ion Ratio Lower Upper
 63 100
 98 7.9 3.8 11.4
 100 4.3 2.5 7.4

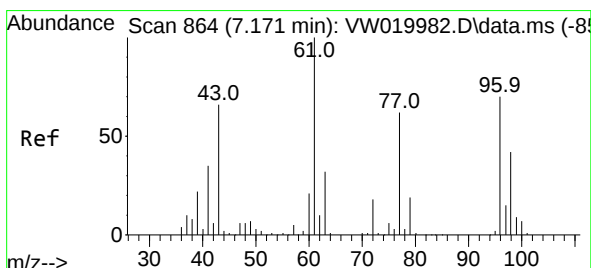
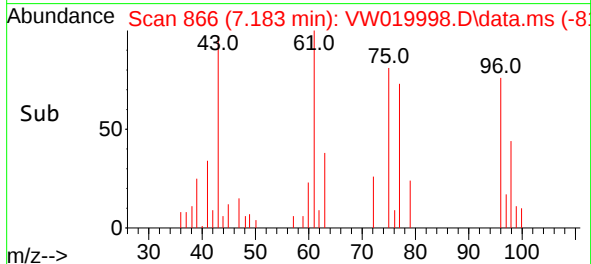
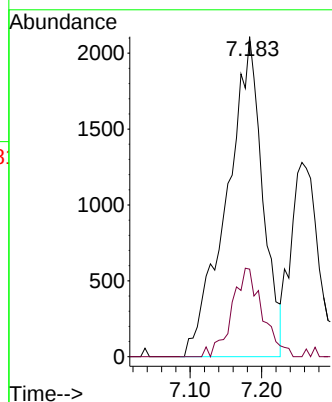
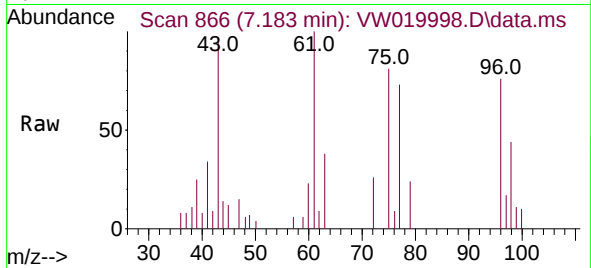




#25
2-Butanone
Concen: 14.390 ug/l
RT: 7.183 min Scan# 866
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

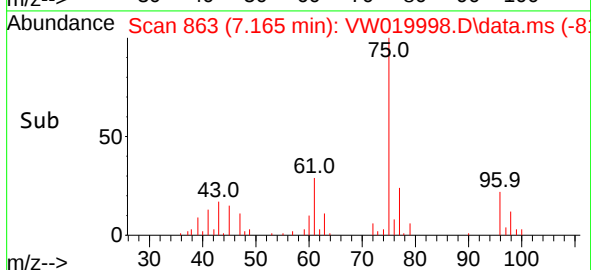
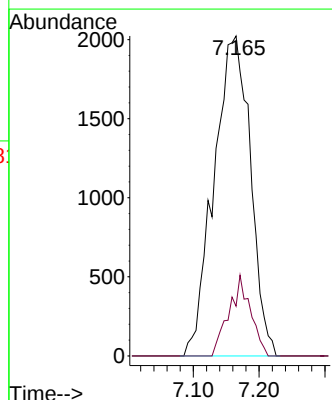
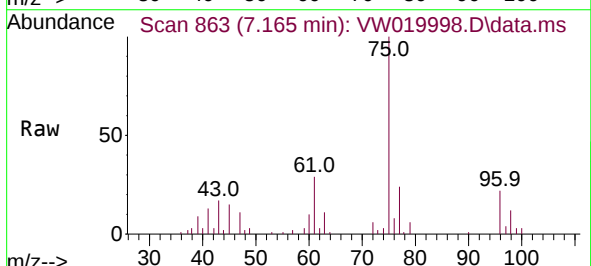
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

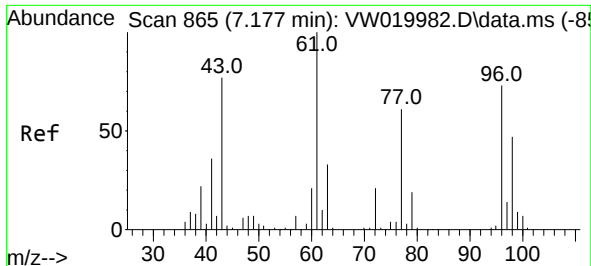
Tgt Ion: 43 Resp: 7358
Ion Ratio Lower Upper
43 100
72 27.4 21.9 32.9



#26
2,2-Dichloropropane
Concen: 3.205 ug/l
RT: 7.165 min Scan# 863
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 77 Resp: 7806
Ion Ratio Lower Upper
77 100
97 14.9 11.4 34.1





#27

cis-1,2-Dichloroethene

Concen: 2.091 ug/l

RT: 7.177 min Scan# 865

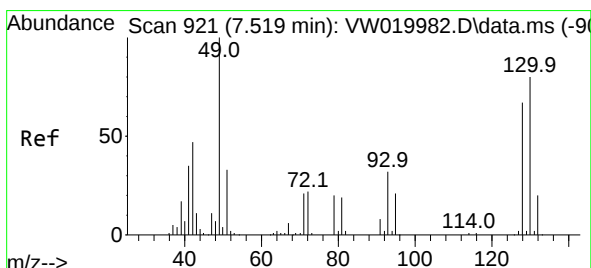
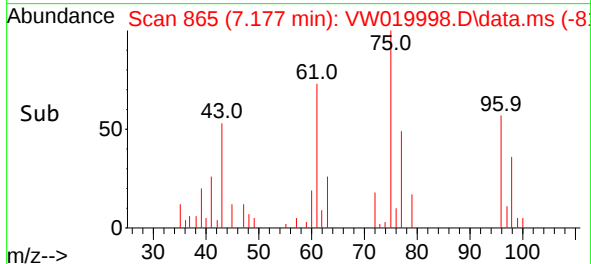
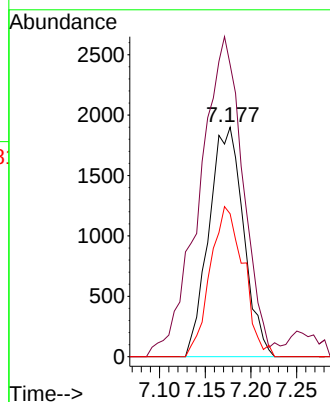
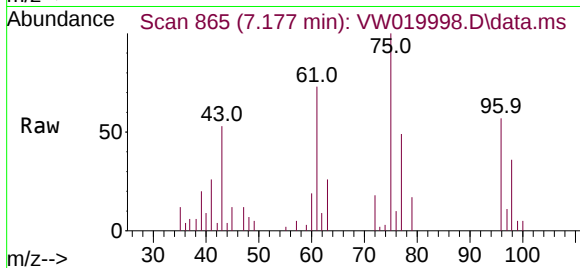
Delta R.T. -0.000 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion: 96 Resp: 5006

Ion	Ratio	Lower	Upper
96	100		
61	176.6	0.0	282.6
98	63.2	0.0	127.6



#28

Bromochloromethane

Concen: 2.153 ug/l

RT: 7.512 min Scan# 920

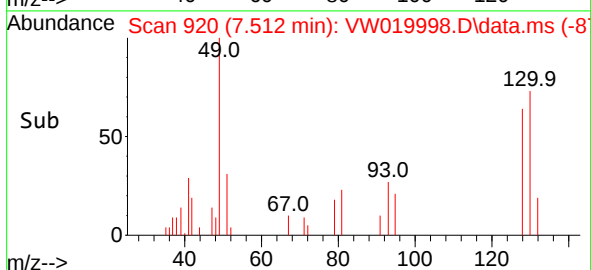
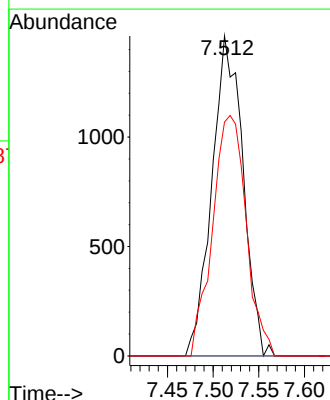
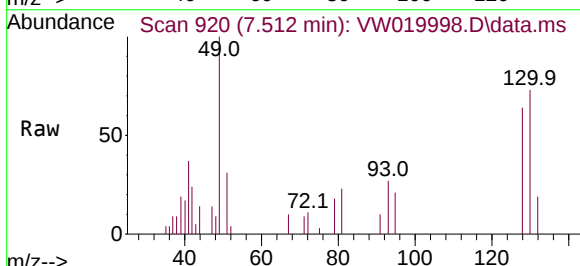
Delta R.T. -0.006 min

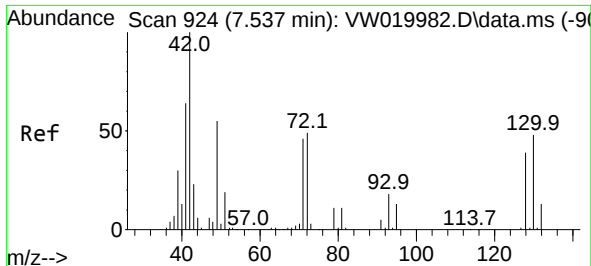
Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion: 49 Resp: 3441

Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	3.2
130	81.7	62.6	93.8





#29

Tetrahydrofuran

Concen: 10.204 ug/l

RT: 7.543 min Scan# 925

Delta R.T. 0.006 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021

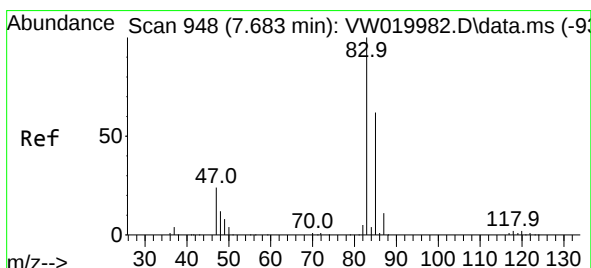
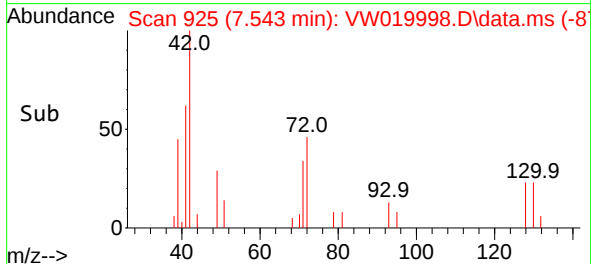
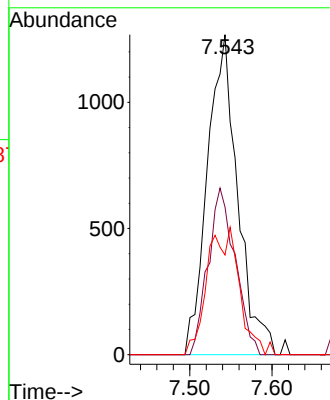
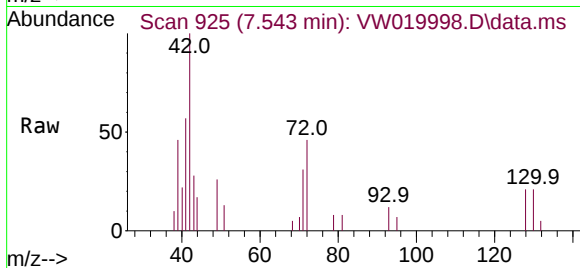
Tgt Ion: 42 Resp: 3246

Ion Ratio Lower Upper

42 100

72 46.7 38.4 57.6

71 42.1 35.4 53.2



#30

Chloroform

Concen: 2.133 ug/l

RT: 7.683 min Scan# 948

Delta R.T. -0.000 min

Lab File: VW019998.D

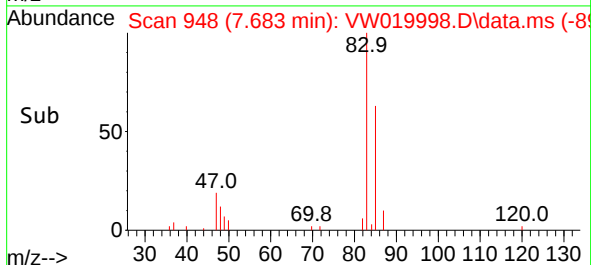
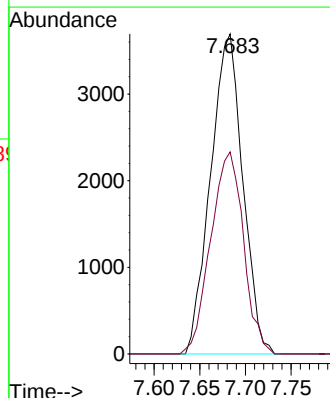
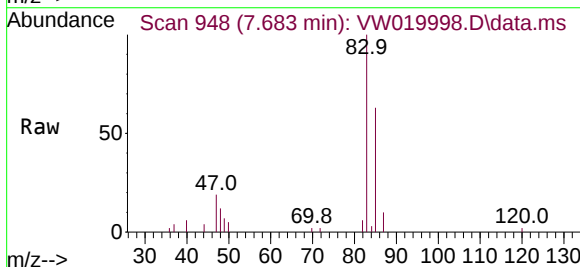
Acq: 08 Sep 2021 13:23

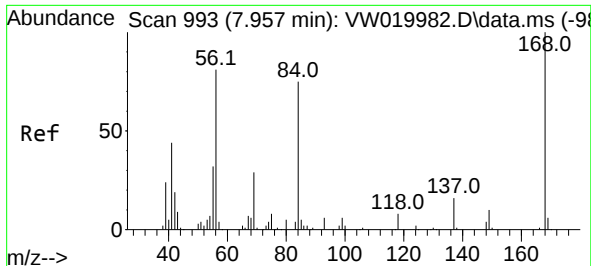
Tgt Ion: 83 Resp: 9053

Ion Ratio Lower Upper

83 100

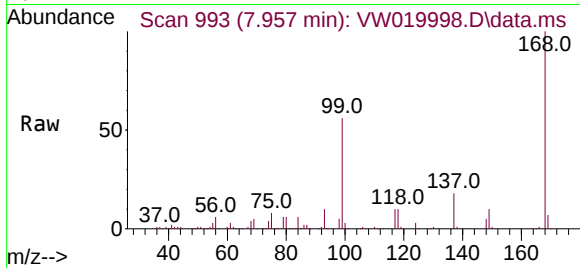
85 63.2 49.8 74.8



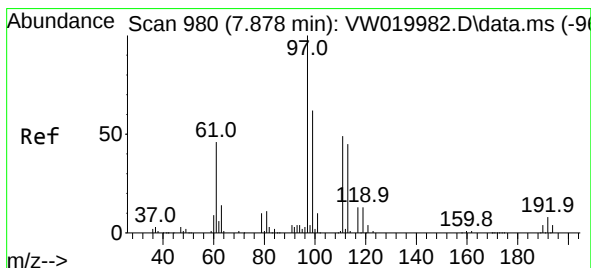
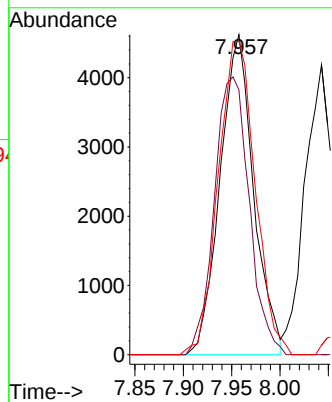
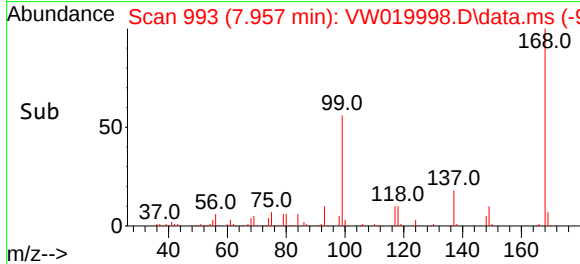


#31
Cyclohexane
Concen: 3.070 ug/l
RT: 7.957 min Scan# 993
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

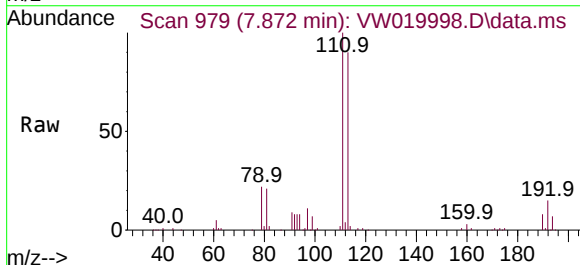
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



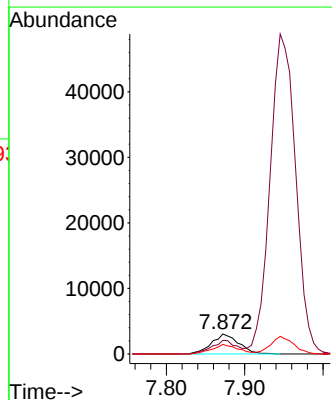
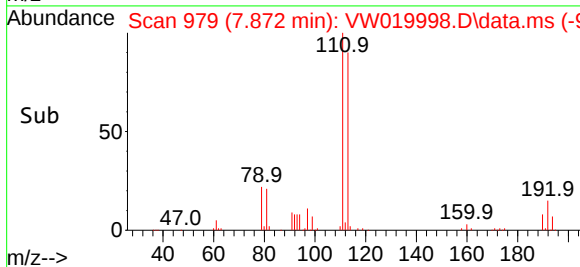
Tgt Ion: 56 Resp: 11111
Ion Ratio Lower Upper
56 100
69 82.7 28.6 42.8#
84 98.0 74.5 111.7

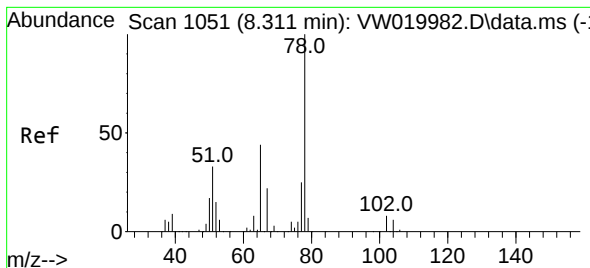


#32
1,1,1-Trichloroethane
Concen: 2.125 ug/l
RT: 7.872 min Scan# 979
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23



Tgt Ion: 97 Resp: 7299
Ion Ratio Lower Upper
97 100
99 64.9 50.9 76.3
61 45.0 36.1 54.1



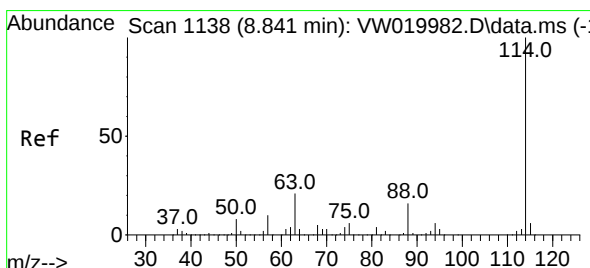
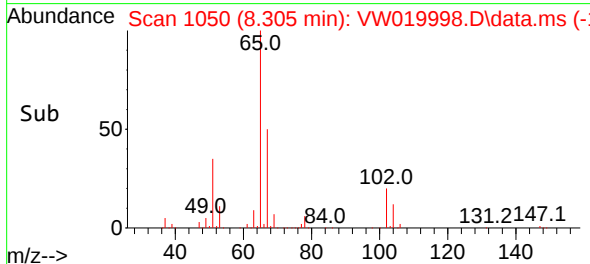
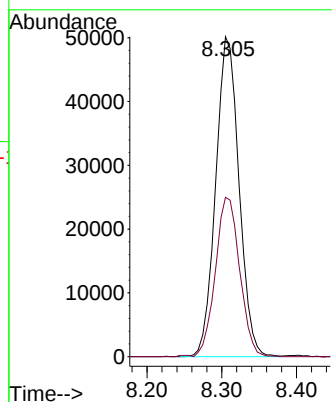
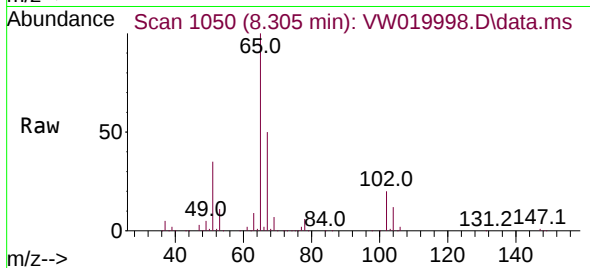


#33

1,2-Dichloroethane-d4
Concen: 48.995 ug/l
RT: 8.305 min Scan# 1050
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

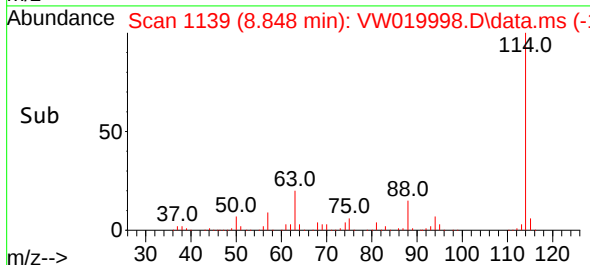
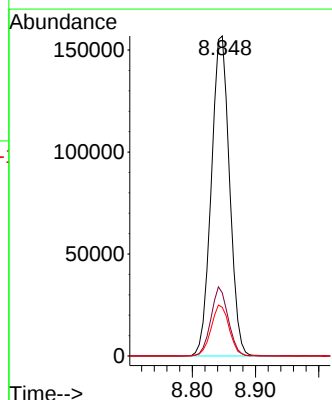
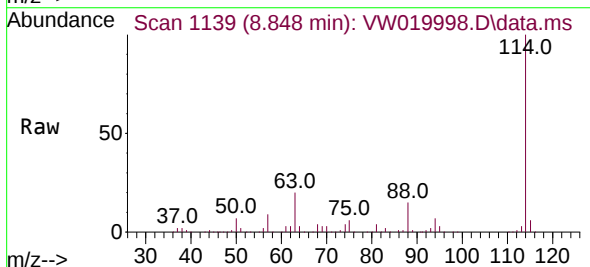
Tgt Ion: 65 Resp: 108791
Ion Ratio Lower Upper
65 100
67 52.0 0.0 102.2

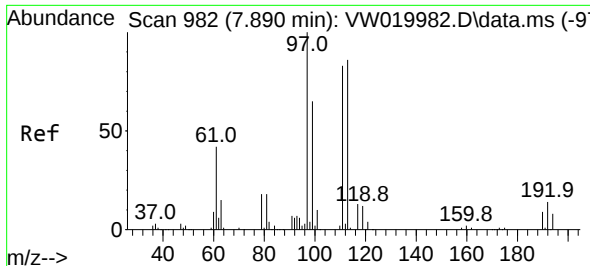


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.848 min Scan# 1139
Delta R.T. 0.007 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 114 Resp: 313271
Ion Ratio Lower Upper
114 100
63 19.7 0.0 41.6
88 15.2 0.0 31.8

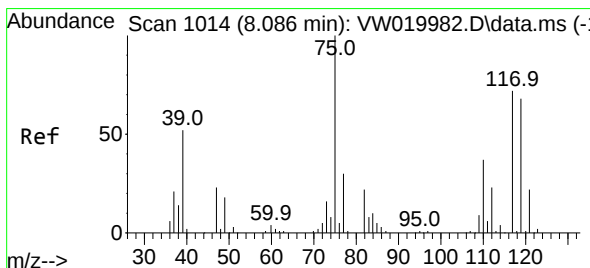
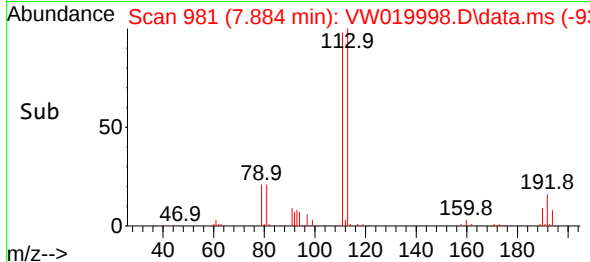
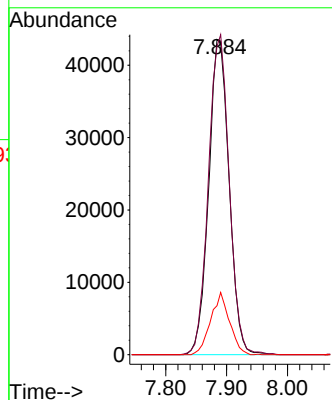
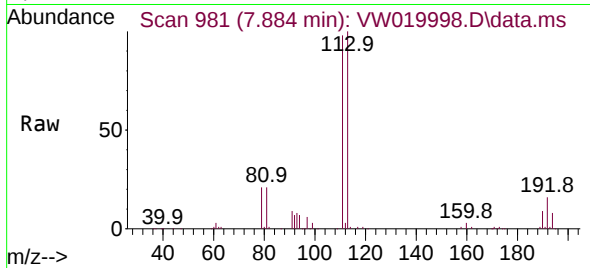




#35
Dibromofluoromethane
Concen: 49.417 ug/l
RT: 7.884 min Scan# 981
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

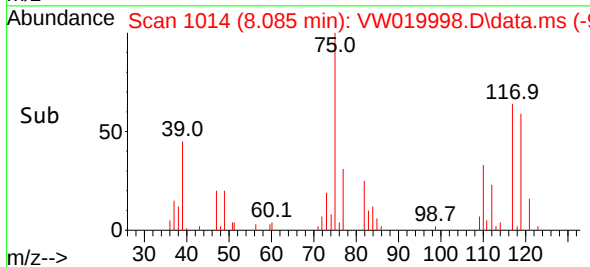
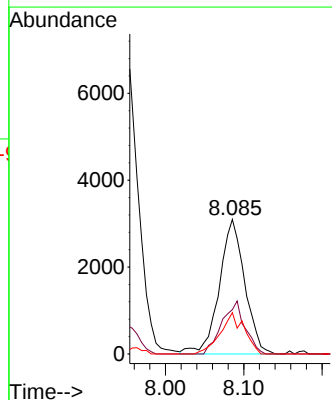
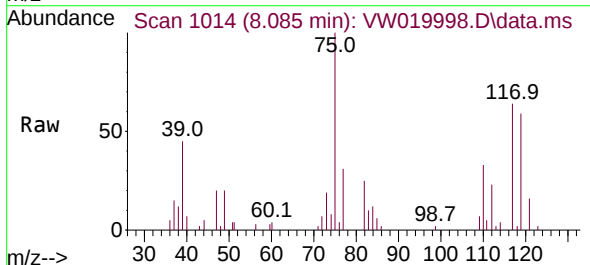
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

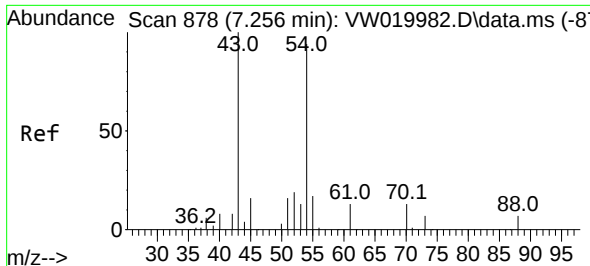
Tgt Ion:113 Resp: 101664
Ion Ratio Lower Upper
113 100
111 103.1 81.6 122.4
192 18.2 14.6 22.0



#36
1,1-Dichloropropene
Concen: 2.122 ug/l
RT: 8.085 min Scan# 1014
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 75 Resp: 6993
Ion Ratio Lower Upper
75 100
110 35.5 17.4 52.3
77 28.8 24.8 37.2

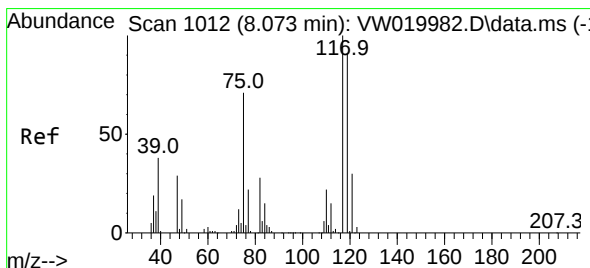
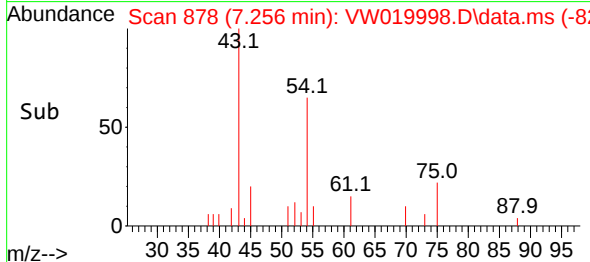
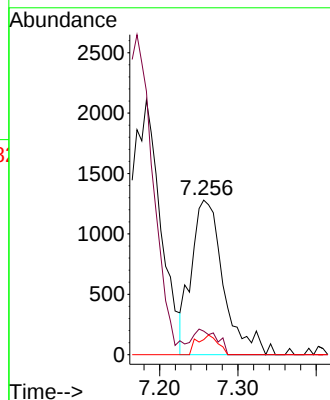
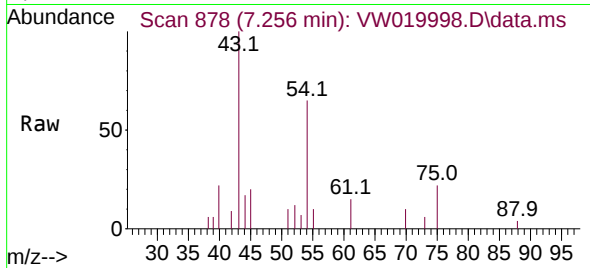




#37
Ethyl Acetate
Concen: 3.017 ug/l
RT: 7.256 min Scan# 878
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

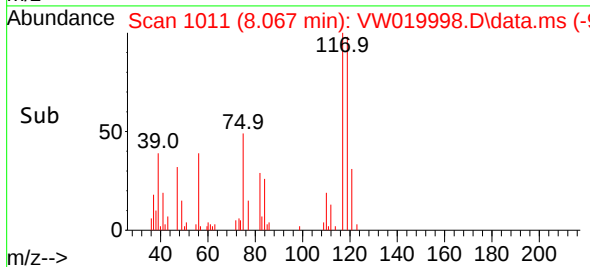
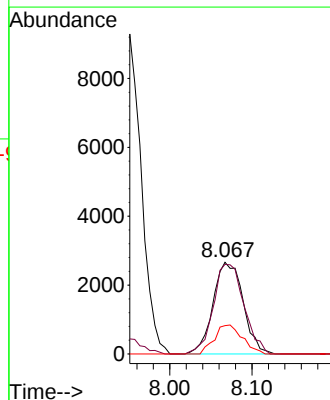
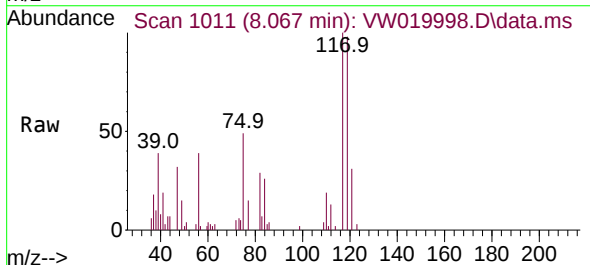
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

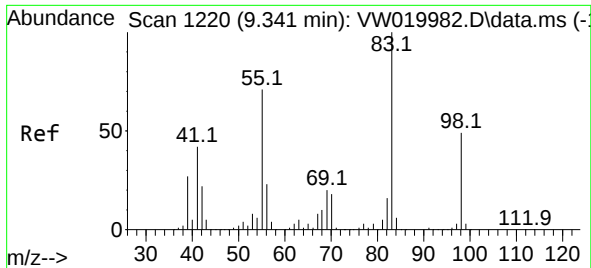
Tgt Ion:	43	Resp:	3656
Ion Ratio	Lower	Upper	
43	100		
61	12.7	11.7	17.5
70	8.2	9.3	13.9#



#38
Carbon Tetrachloride
Concen: 2.019 ug/l
RT: 8.067 min Scan# 1011
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	117	Resp:	6783
Ion Ratio	Lower	Upper	
117	100		
119	97.7	73.0	109.4
121	30.8	23.9	35.9

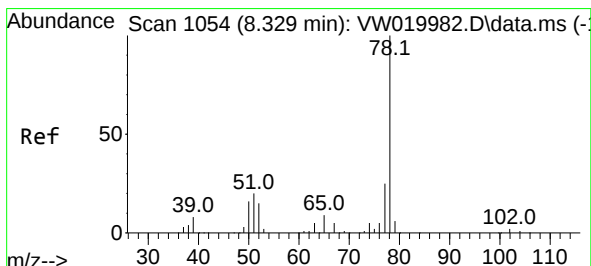
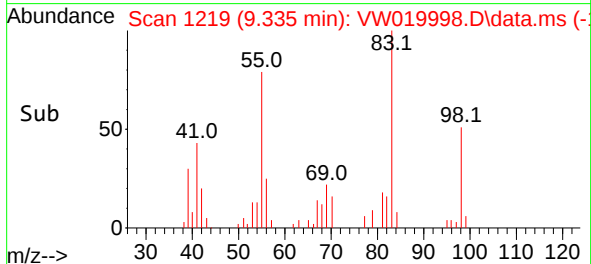
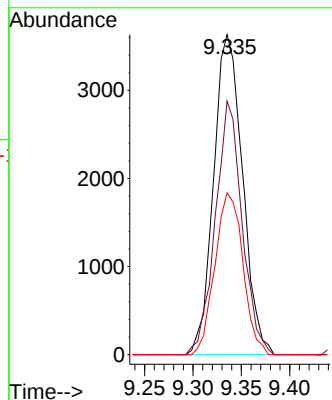
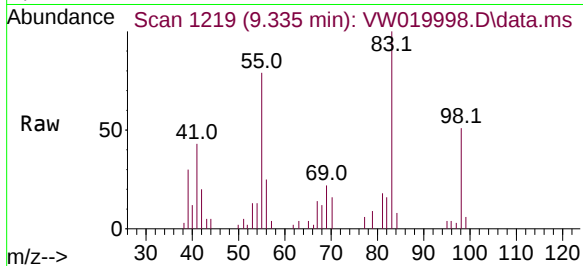




#39
Methylcyclohexane
Concen: 1.975 ug/l
RT: 9.335 min Scan# 1219
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

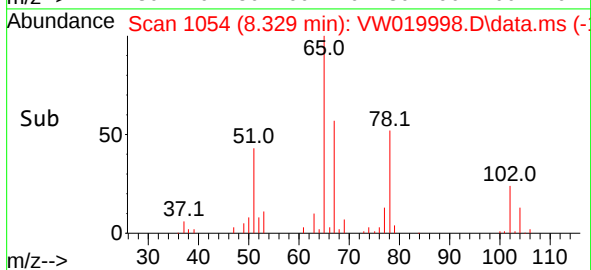
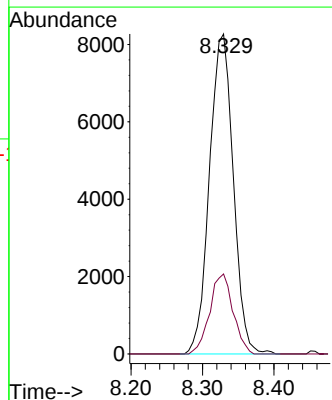
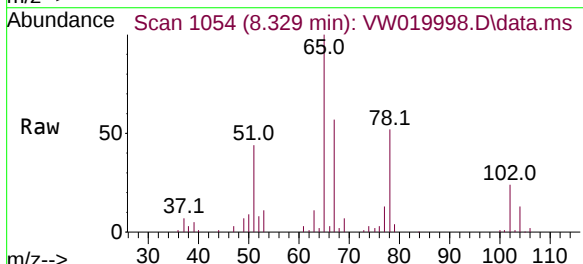
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

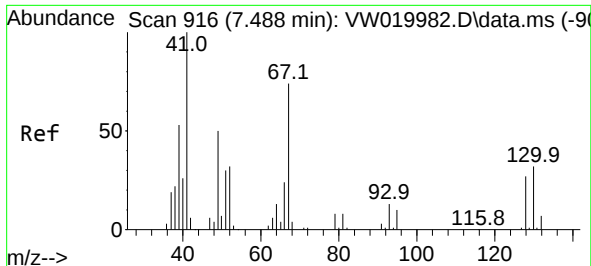
Tgt Ion:	83	Resp:	7544
Ion	Ratio	Lower	Upper
83	100		
55	79.2	56.9	85.3
98	50.6	39.0	58.4



#40
Benzene
Concen: 2.108 ug/l
RT: 8.329 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	78	Resp:	19134
Ion	Ratio	Lower	Upper
78	100		
77	25.0	19.7	29.5

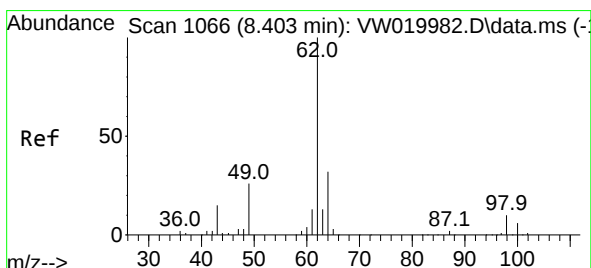
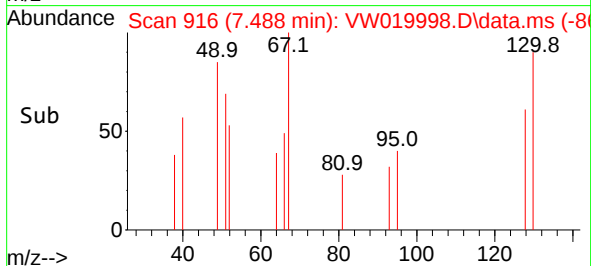
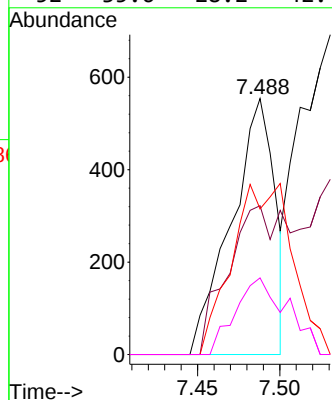
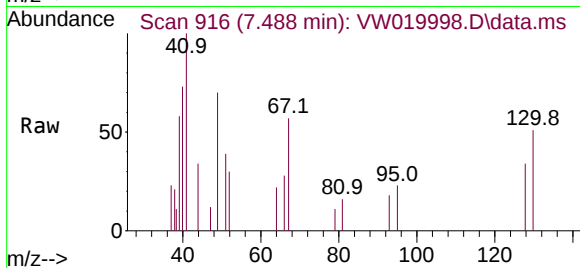




#41
Methacrylonitrile
Concen: 1.527 ug/l
RT: 7.488 min Scan# 916
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

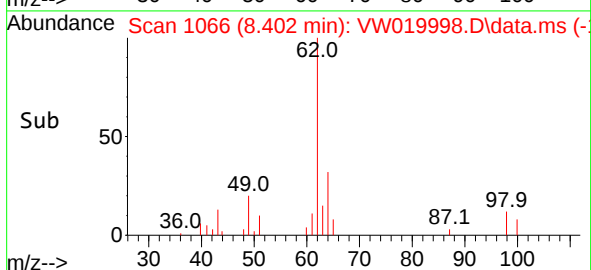
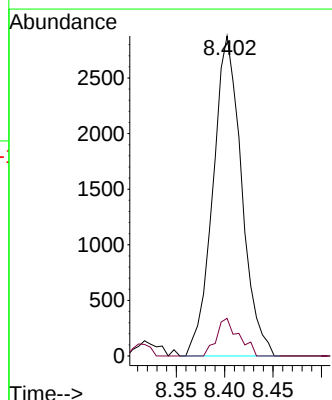
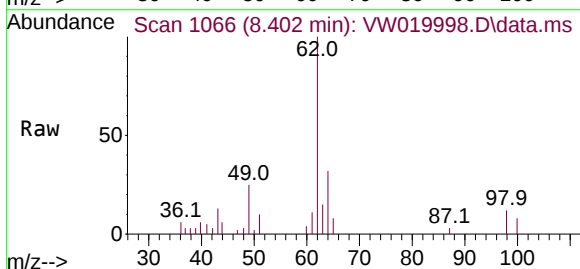
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

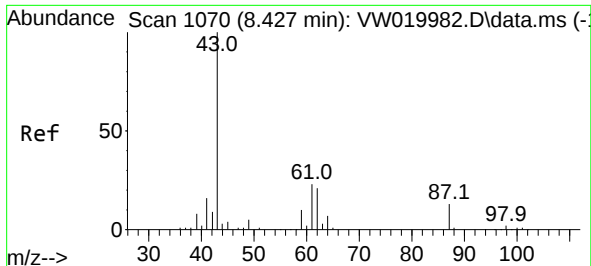
Tgt Ion:	41	Resp:	1024
Ion	Ratio	Lower	Upper
41	100		
39	57.1	45.2	67.8
67	92.2	65.3	97.9
52	35.6	28.2	42.4



#42
1,2-Dichloroethane
Concen: 2.125 ug/l
RT: 8.402 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	62	Resp:	5922
Ion	Ratio	Lower	Upper
62	100		
98	9.1	0.0	18.6





#43

Isopropyl Acetate

Concen: 2.007 ug/l

RT: 8.427 min Scan# 1070

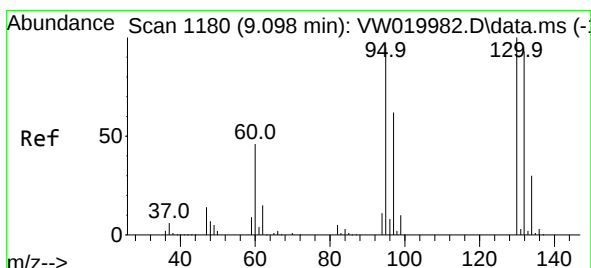
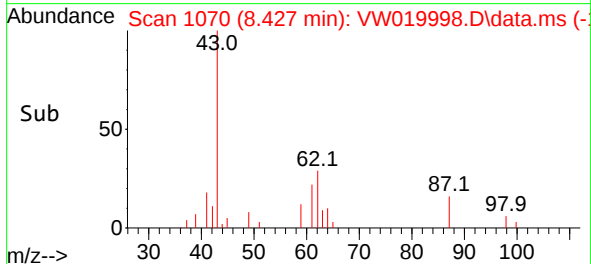
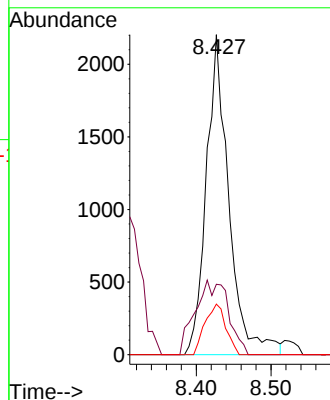
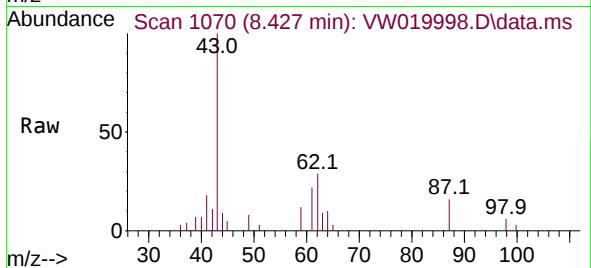
Delta R.T. -0.000 min

Lab File: VW01998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	43	Resp:	4616
Ion	Ratio	Lower	Upper
43	100		
61	18.5	26.6	39.8#
87	14.6	11.0	16.6

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#44

Trichloroethene

Concen: 2.285 ug/l

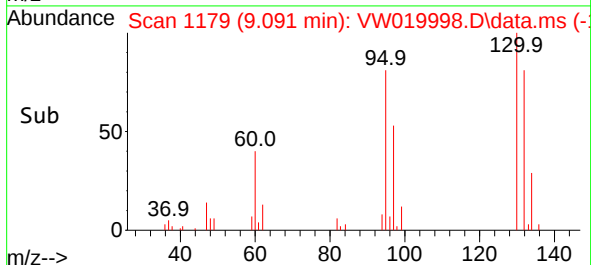
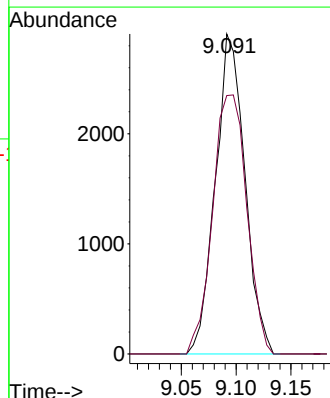
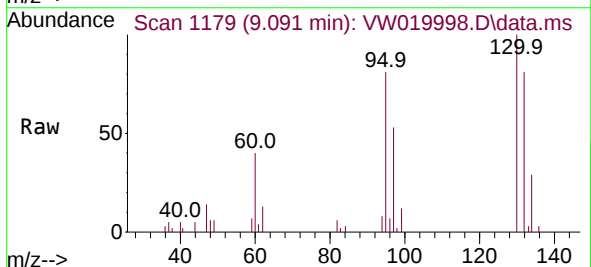
RT: 9.091 min Scan# 1179

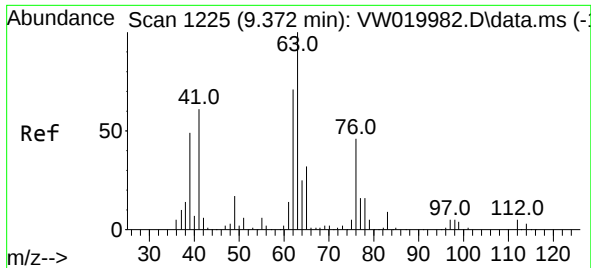
Delta R.T. -0.007 min

Lab File: VW01998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	130	Resp:	5443
Ion	Ratio	Lower	Upper
130	100		
95	80.7	0.0	190.0

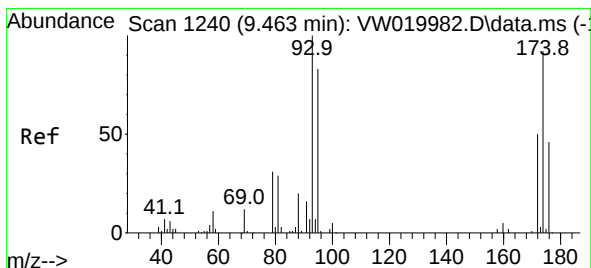
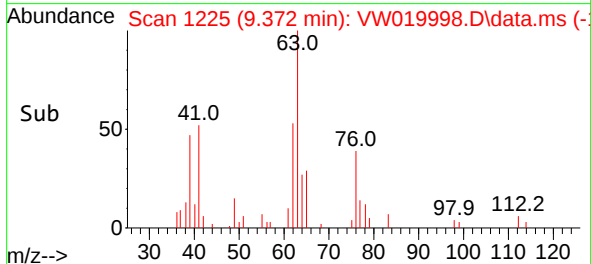
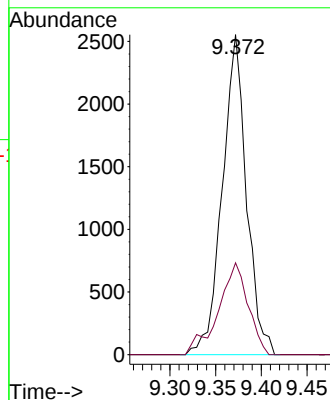
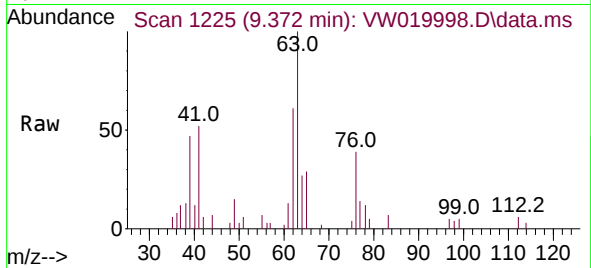




#45
1,2-Dichloropropane
Concen: 2.128 ug/l
RT: 9.372 min Scan# 1225
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

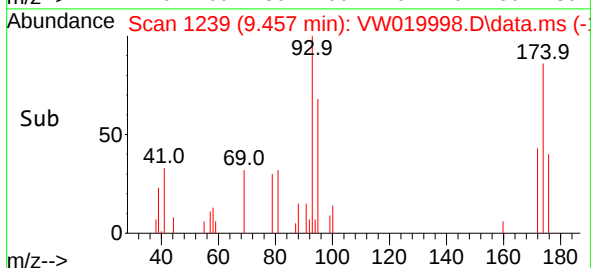
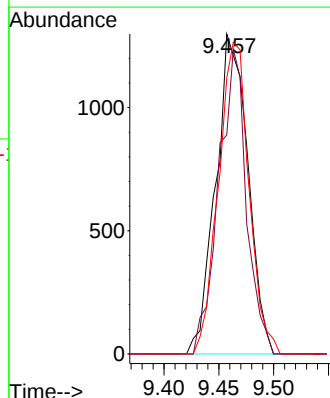
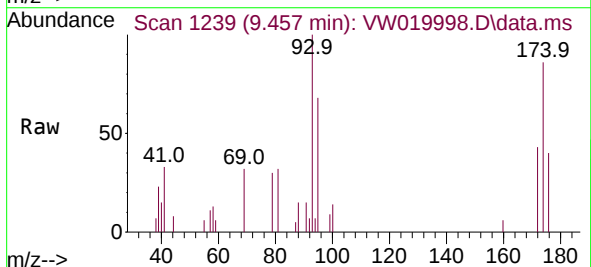
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

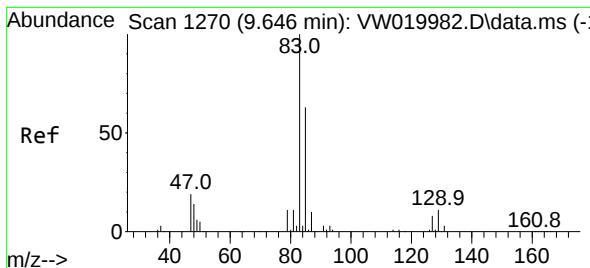
Tgt Ion: 63 Resp: 4698
Ion Ratio Lower Upper
63 100
65 28.7 25.5 38.3



#46
Dibromomethane
Concen: 2.121 ug/l
RT: 9.457 min Scan# 1239
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 93 Resp: 2641
Ion Ratio Lower Upper
93 100
95 82.7 65.2 97.8
174 93.0 75.8 113.6





#47

Bromodichloromethane

Concen: 2.054 ug/l

RT: 9.646 min Scan# 1270

Delta R.T. 0.000 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

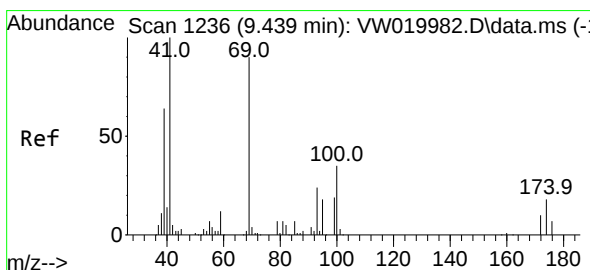
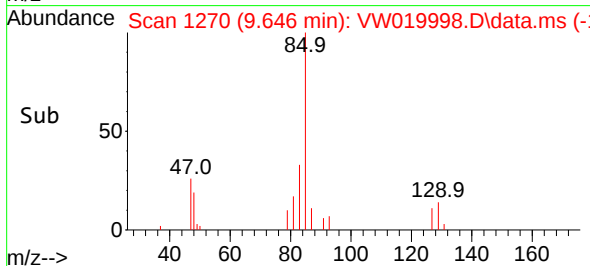
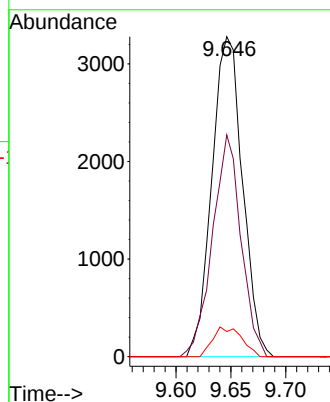
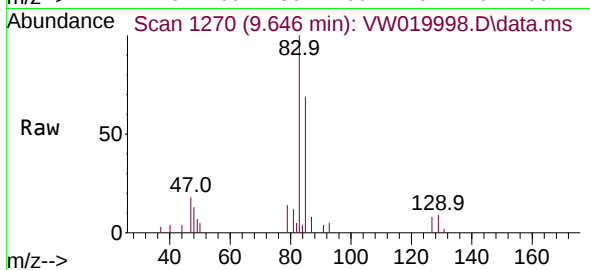
Tgt Ion:	83	Resp:	6373
Ion	Ratio	Lower	Upper
83	100		
85	69.3	50.3	75.5
127	7.9	6.5	9.7

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#48

Methyl methacrylate

Concen: 1.815 ug/l

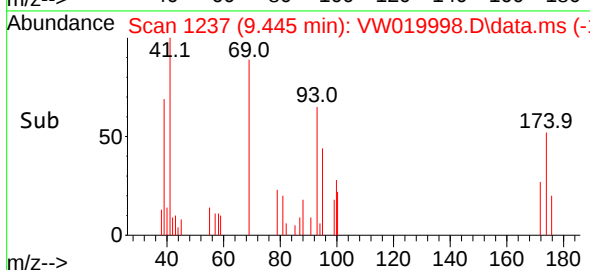
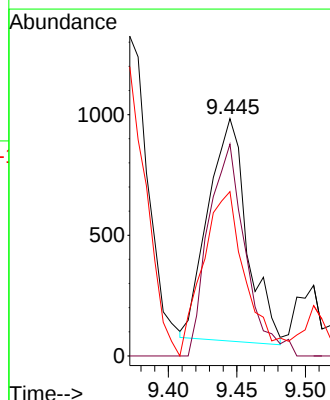
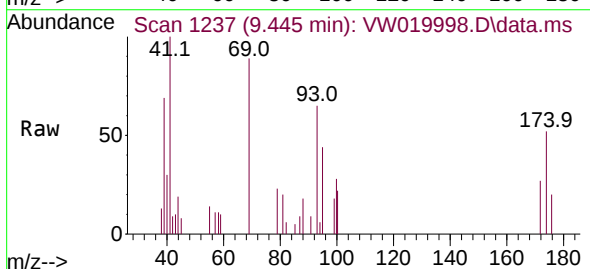
RT: 9.445 min Scan# 1237

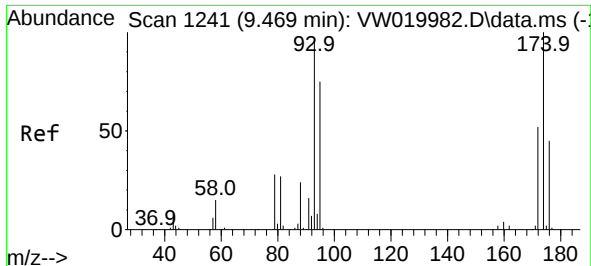
Delta R.T. 0.006 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	41	Resp:	1826
Ion	Ratio	Lower	Upper
41	100		
69	90.0	76.7	115.1
39	81.3	51.4	77.0#

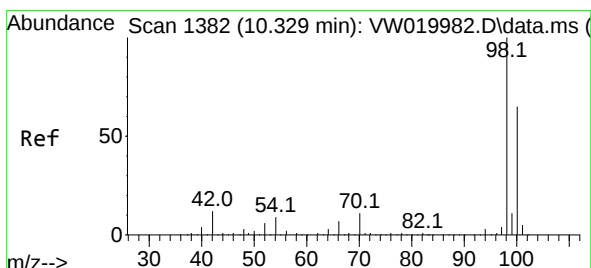
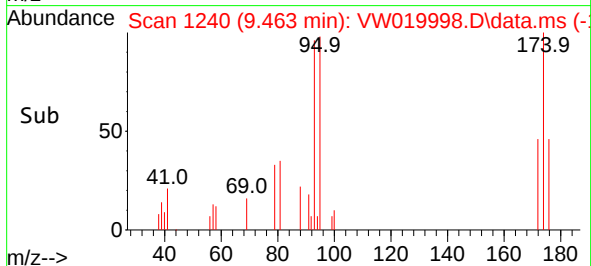
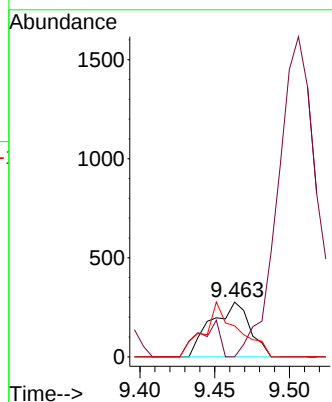
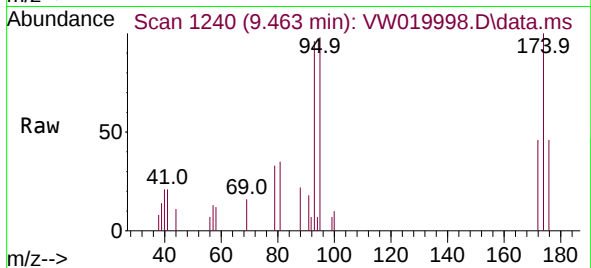




#49
1,4-Dioxane
Concen: 31.061 ug/l
RT: 9.463 min Scan# 1240
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

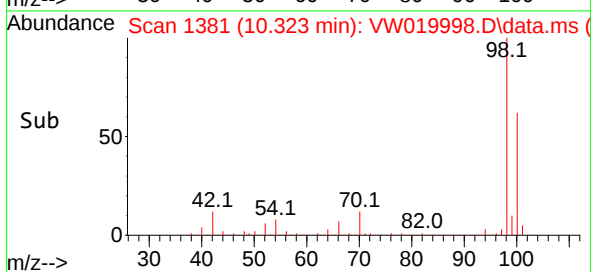
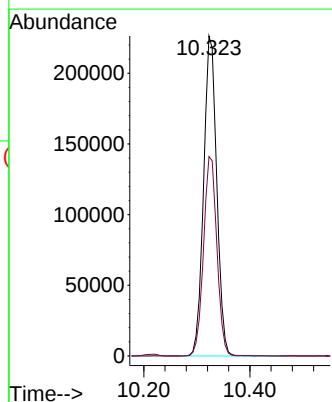
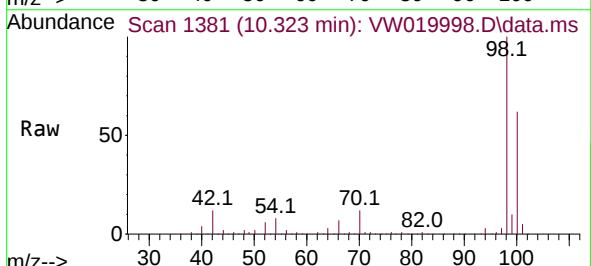
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

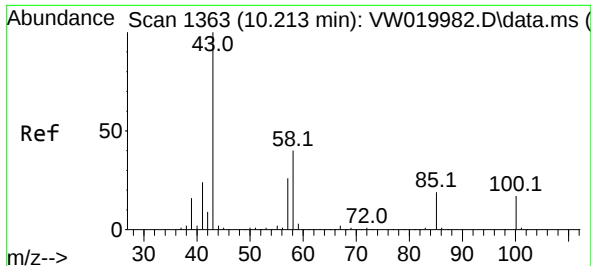
Tgt Ion: 88 Resp: 494
Ion Ratio Lower Upper
88 100
43 36.2 0.0 0.0#
58 88.1 54.7 82.1#



#50
Toluene-d8
Concen: 50.714 ug/l
RT: 10.323 min Scan# 1381
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 98 Resp: 387826
Ion Ratio Lower Upper
98 100
100 63.5 51.9 77.9

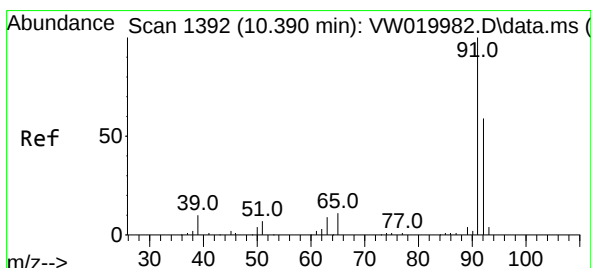
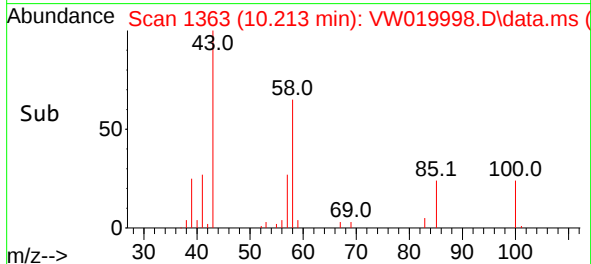
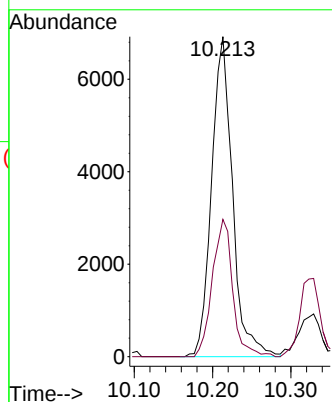
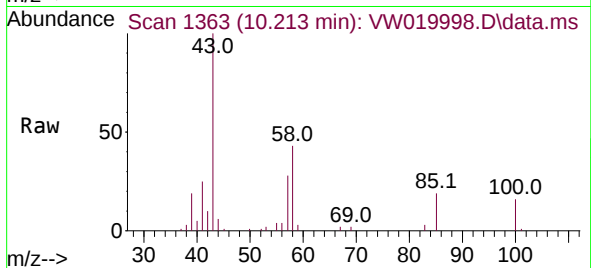




#51
4-Methyl-2-Pentanone
Concen: 10.780 ug/l
RT: 10.213 min Scan# 1363
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

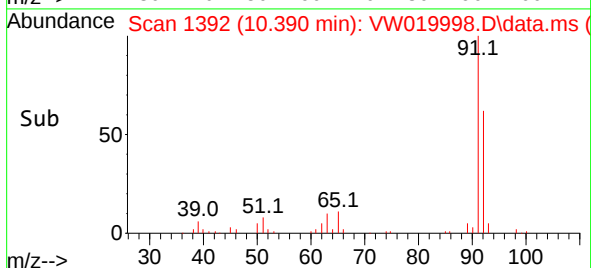
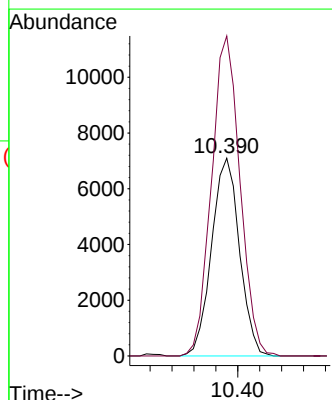
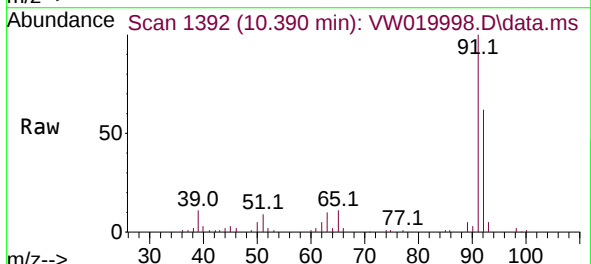
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

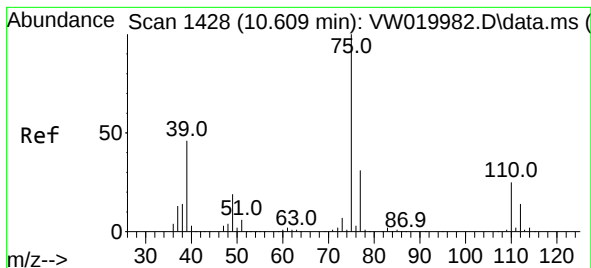
Tgt Ion: 43 Resp: 12854
Ion Ratio Lower Upper
43 100
58 41.7 32.1 48.1



#52
Toluene
Concen: 2.184 ug/l
RT: 10.390 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 92 Resp: 12549
Ion Ratio Lower Upper
92 100
91 165.1 136.6 205.0

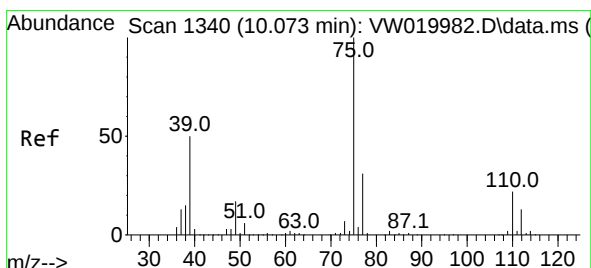
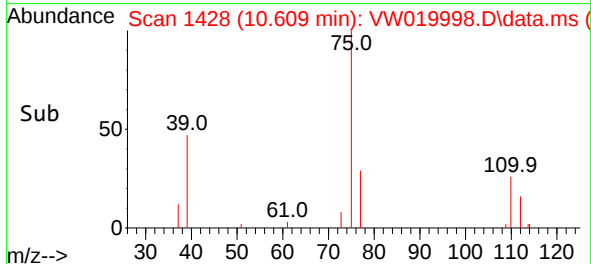
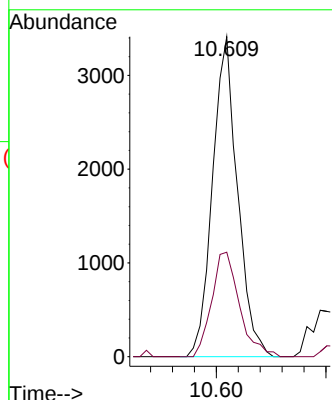
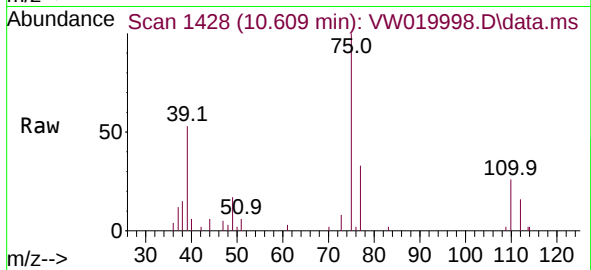




#53
t-1,3-Dichloropropene
Concen: 1.814 ug/l
RT: 10.609 min Scan# 1428
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

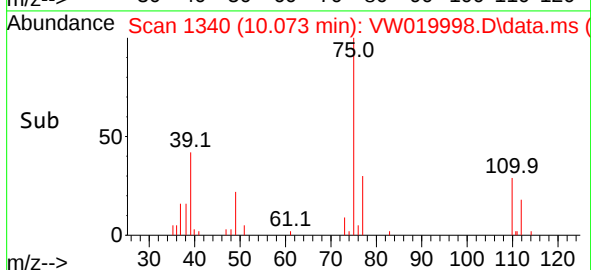
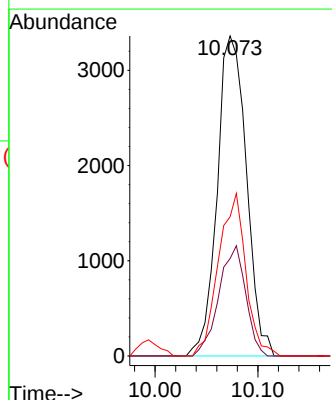
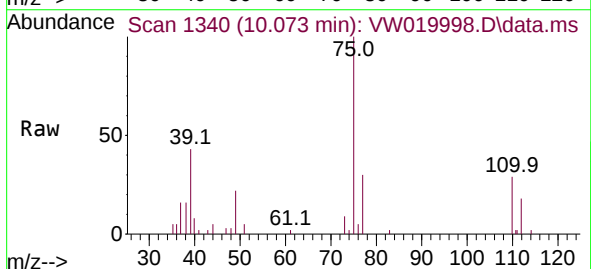
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

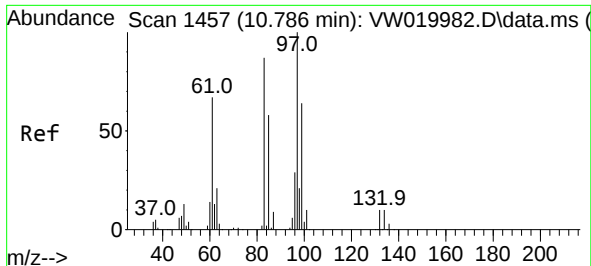
Tgt Ion: 75 Resp: 5399
Ion Ratio Lower Upper
75 100
77 32.6 24.9 37.3



#54
cis-1,3-Dichloropropene
Concen: 1.916 ug/l
RT: 10.073 min Scan# 1340
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

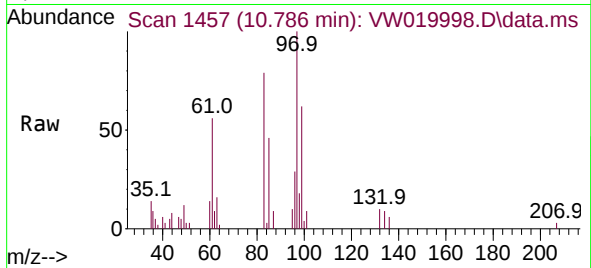
Tgt Ion: 75 Resp: 6637
Ion Ratio Lower Upper
75 100
77 30.5 24.8 37.2
39 43.5 39.9 59.9



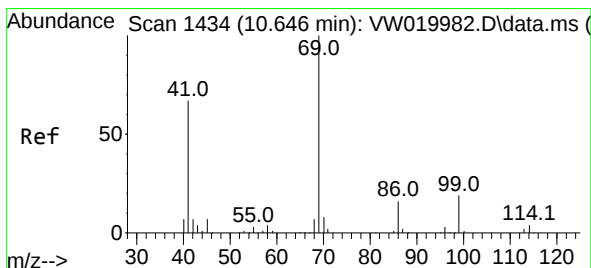
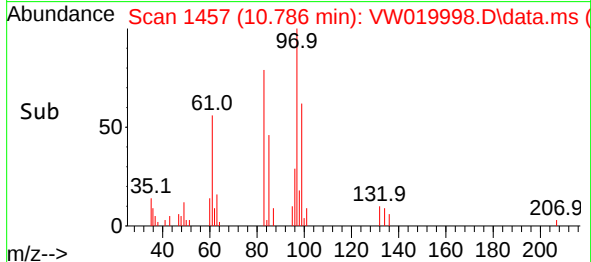
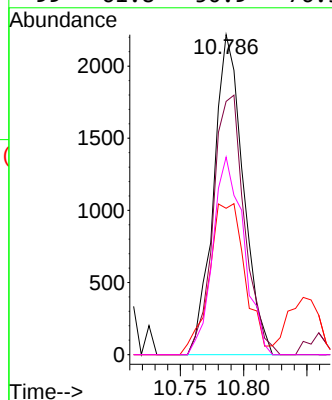


#55
1,1,2-Trichloroethane
Concen: 2.137 ug/l
RT: 10.786 min Scan# 1457
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

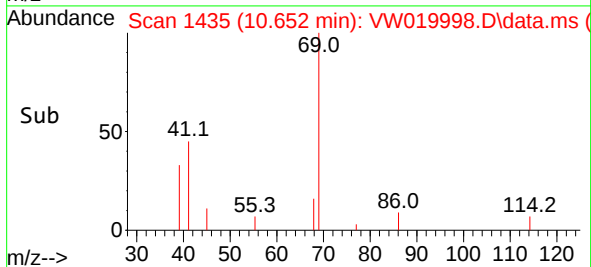
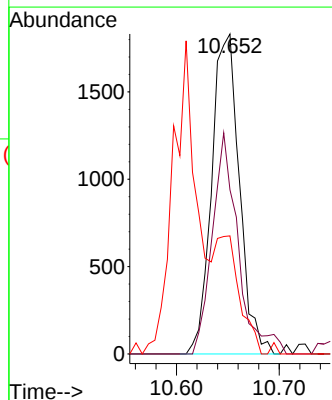
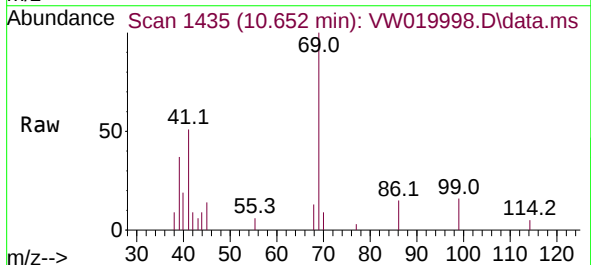


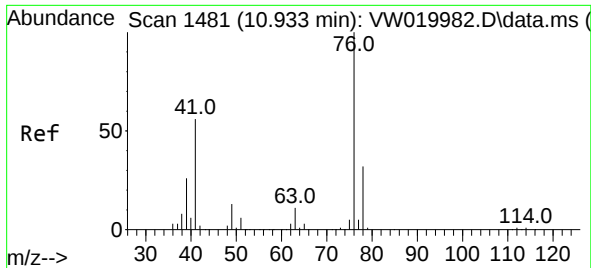
Tgt Ion	Ratio	Lower	Upper
97	100		
83	79.1	69.8	104.6
85	45.8	46.6	69.8#
99	61.8	50.9	76.3



#56
Ethyl methacrylate
Concen: 1.818 ug/l
RT: 10.652 min Scan# 1435
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion	Ratio	Lower	Upper
69	100		
41	64.5	50.6	76.0
39	31.7	31.2	46.8

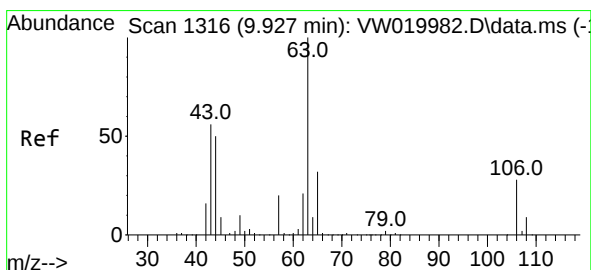
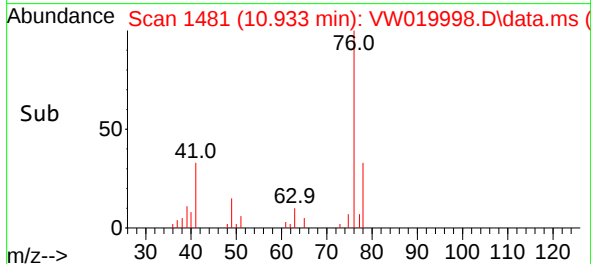
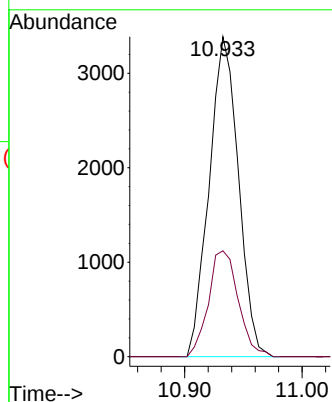
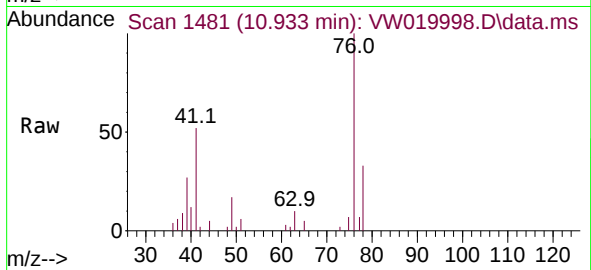




#57
1,3-Dichloropropane
Concen: 2.024 ug/l
RT: 10.933 min Scan# 1481
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

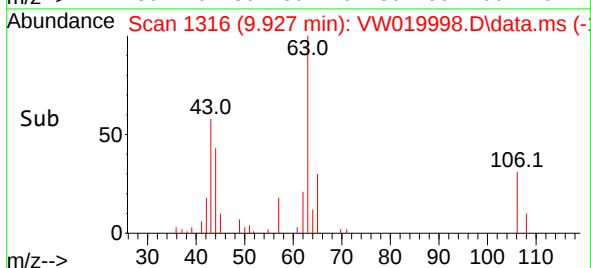
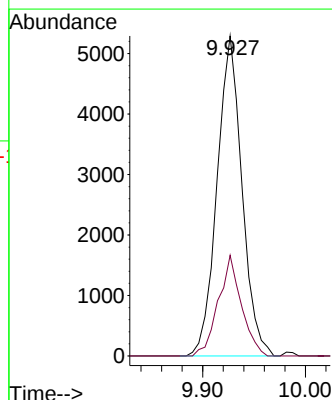
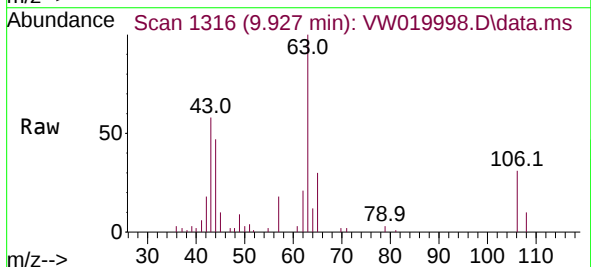
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

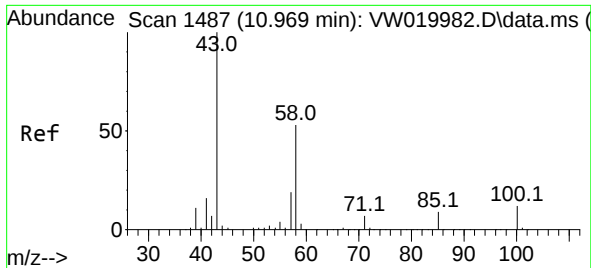
Tgt Ion: 76 Resp: 5861
Ion Ratio Lower Upper
76 100
78 33.7 26.6 40.0



#58
2-Chloroethyl Vinyl ether
Concen: 10.322 ug/l
RT: 9.927 min Scan# 1316
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 63 Resp: 8895
Ion Ratio Lower Upper
63 100
106 29.1 22.9 34.3

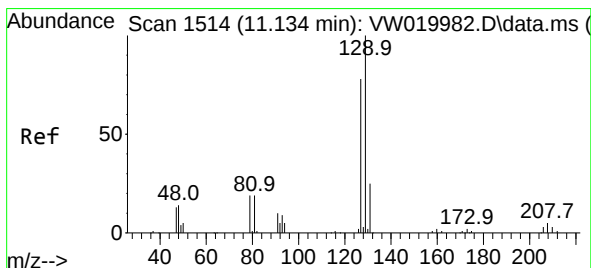
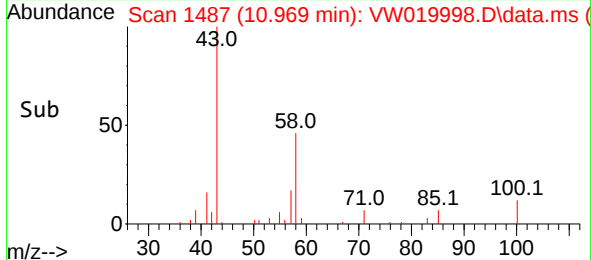
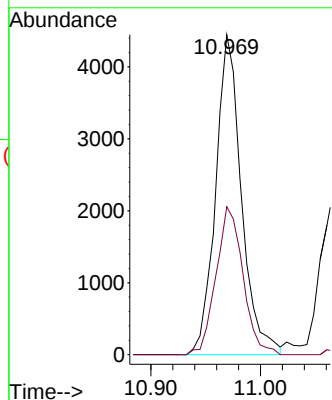
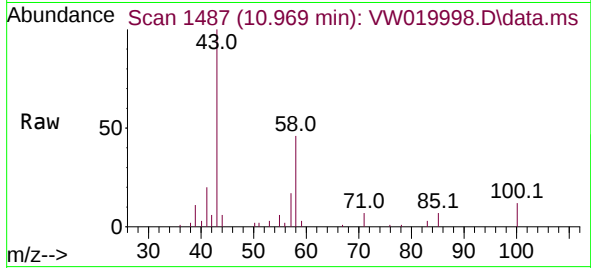




#59
2-Hexanone
Concen: 9.139 ug/l
RT: 10.969 min Scan# 1487
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

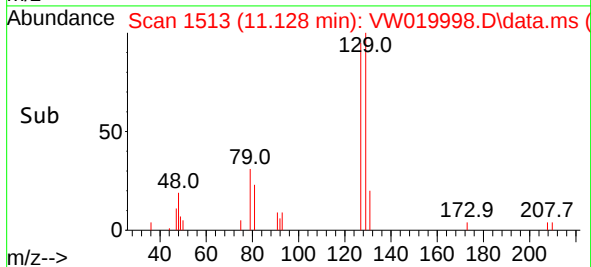
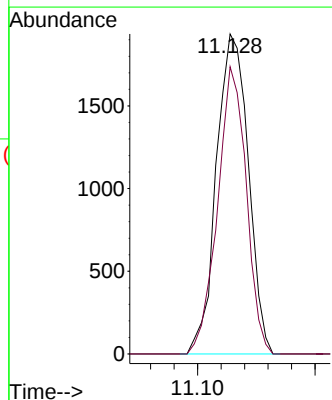
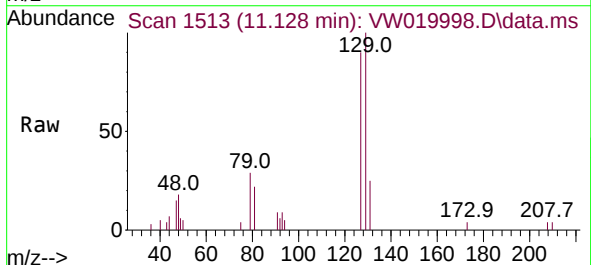
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

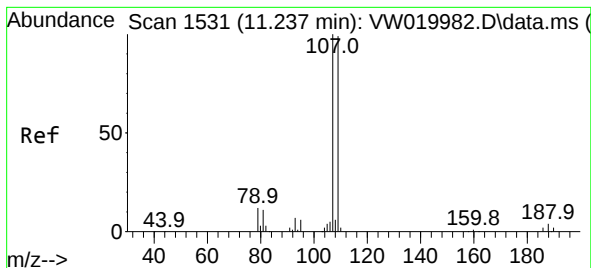
Tgt Ion: 43 Resp: 7282
Ion Ratio Lower Upper
43 100
58 48.3 27.4 82.0



#60
Dibromochloromethane
Concen: 1.869 ug/l
RT: 11.128 min Scan# 1513
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 129 Resp: 3651
Ion Ratio Lower Upper
129 100
127 80.7 38.9 116.7

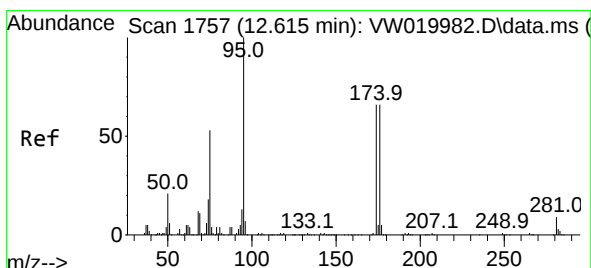
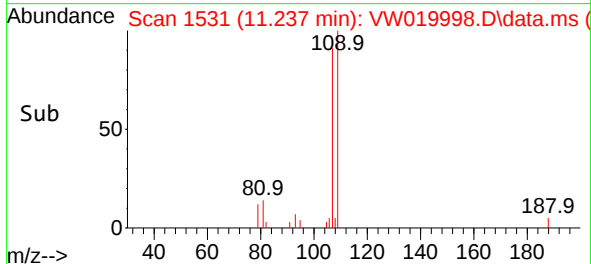
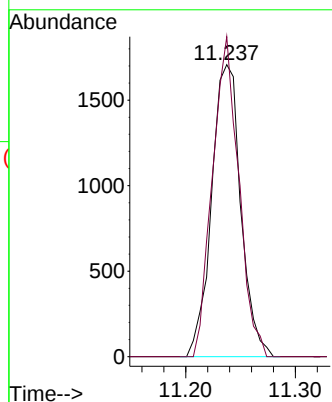
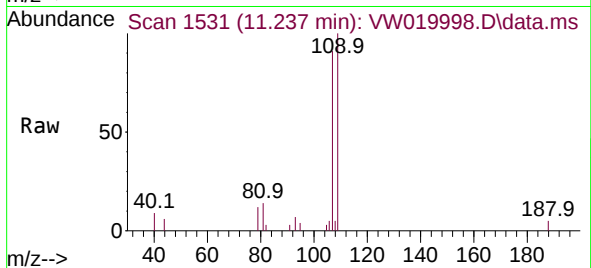




#61
1,2-Dibromoethane
Concen: 2.002 ug/l
RT: 11.237 min Scan# 1531
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

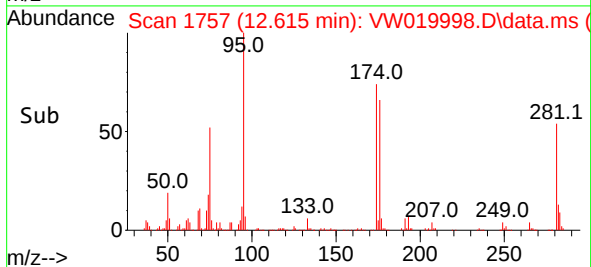
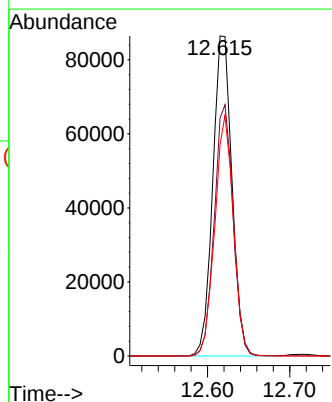
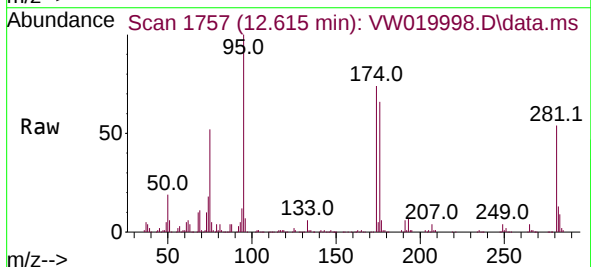
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

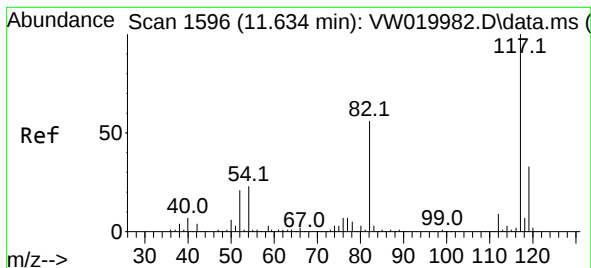
Tgt Ion:107 Resp: 3163
Ion Ratio Lower Upper
107 100
109 98.6 76.4 114.6



#62
4-Bromofluorobenzene
Concen: 49.504 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 95 Resp: 140078
Ion Ratio Lower Upper
95 100
174 77.2 0.0 145.2
176 73.0 0.0 146.4

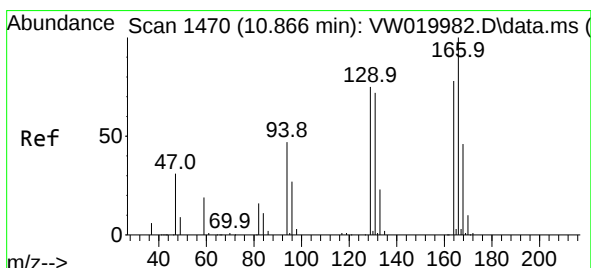
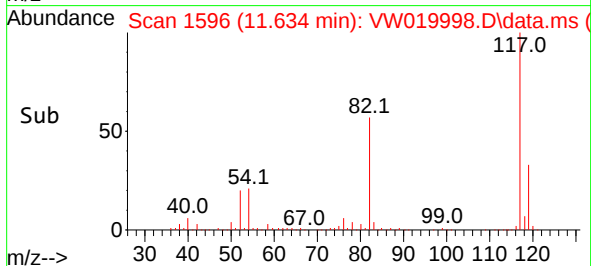
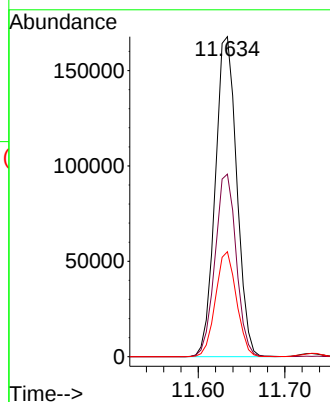
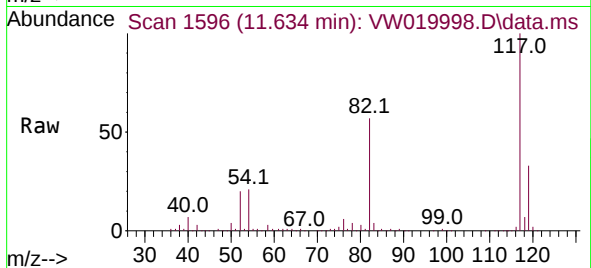




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.634 min Scan# 1596
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

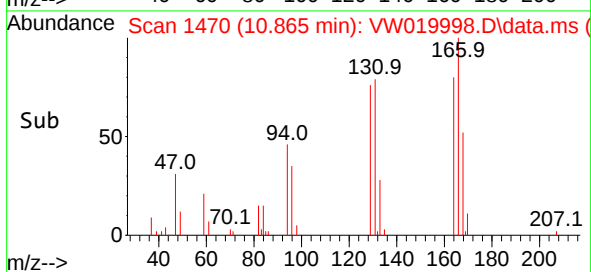
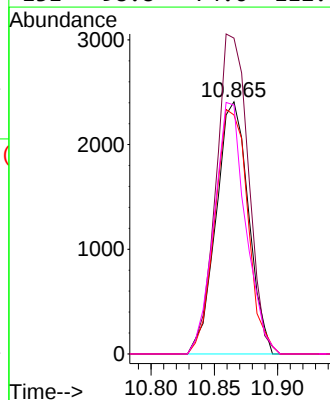
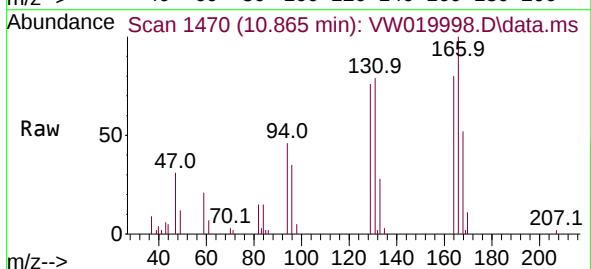
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

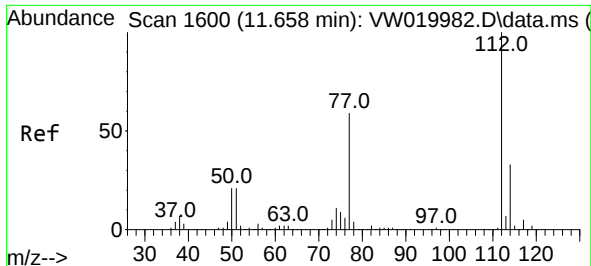
Tgt Ion:117 Resp: 289359
Ion Ratio Lower Upper
117 100
82 57.0 45.0 67.4
119 32.8 26.2 39.2



#64
Tetrachloroethene
Concen: 2.132 ug/l
RT: 10.865 min Scan# 1470
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:164 Resp: 4281
Ion Ratio Lower Upper
164 100
166 125.2 103.1 154.7
129 94.8 77.7 116.5
131 98.8 74.6 112.0

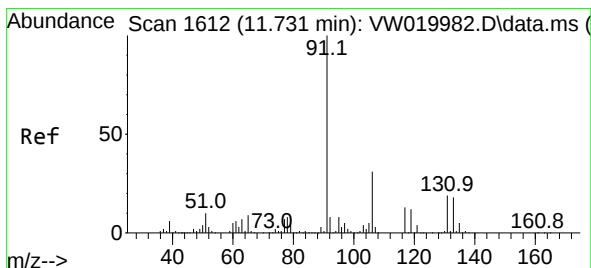
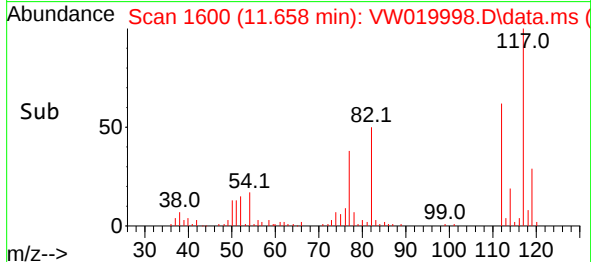
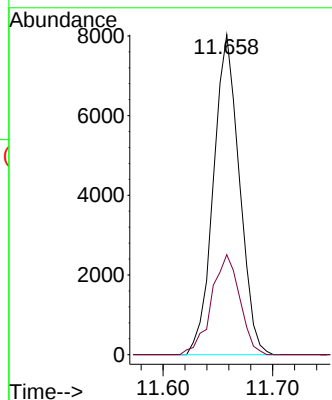
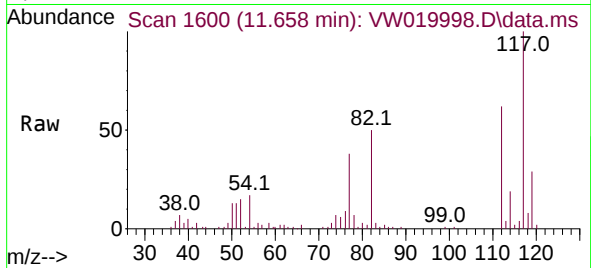




#65
Chlorobenzene
Concen: 2.125 ug/l
RT: 11.658 min Scan# 1600
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

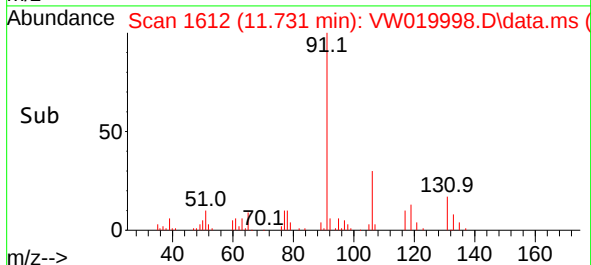
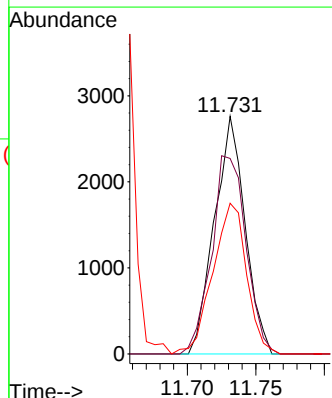
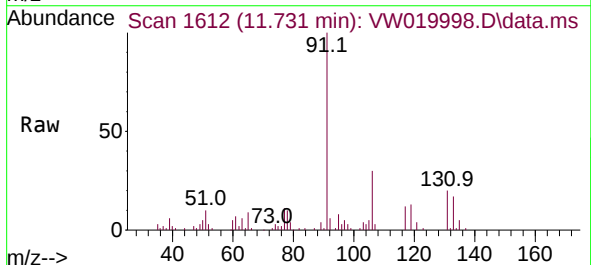
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

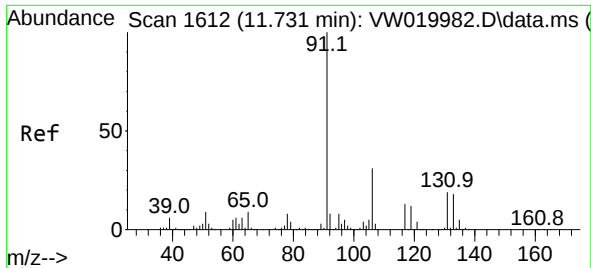
Tgt Ion:112 Resp: 13215
Ion Ratio Lower Upper
112 100
114 31.3 26.1 39.1



#66
1,1,1,2-Tetrachloroethane
Concen: 1.939 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:131 Resp: 4297
Ion Ratio Lower Upper
131 100
133 93.7 46.6 139.8
119 69.7 32.8 98.4

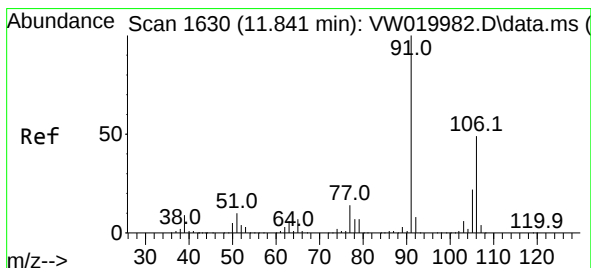
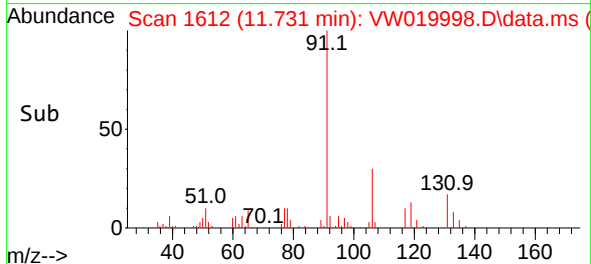
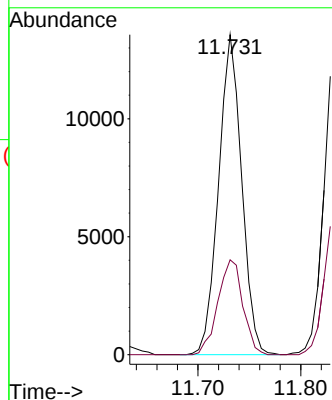
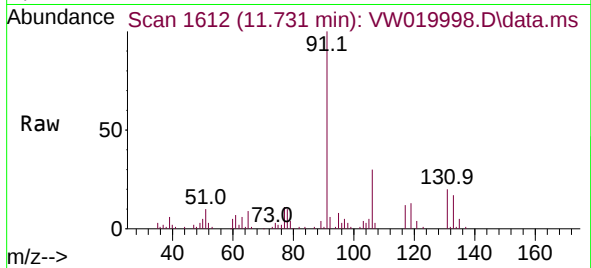




#67
Ethyl Benzene
Concen: 1.926 ug/l
RT: 11.731 min Scan# 1612
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

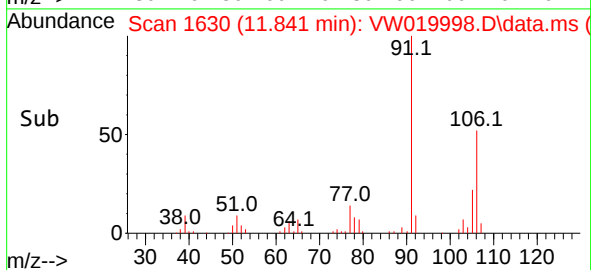
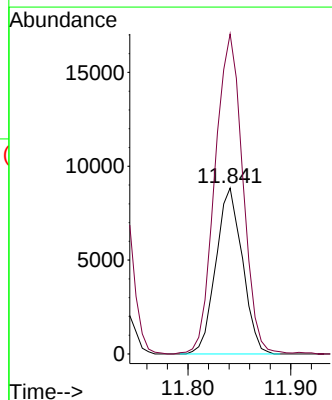
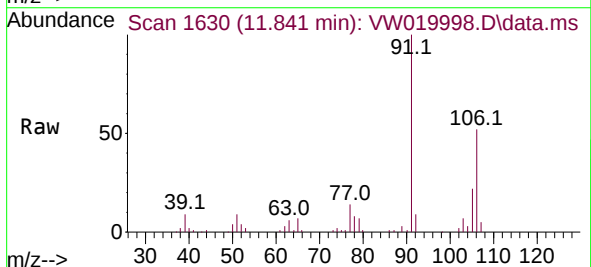
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

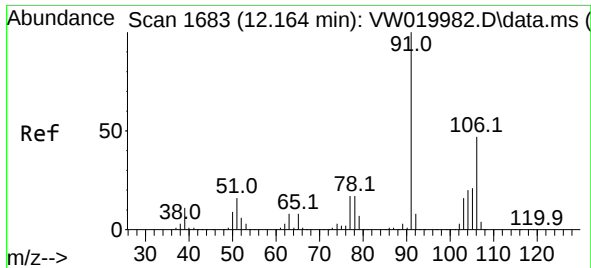
Tgt Ion: 91 Resp: 21134
Ion Ratio Lower Upper
91 100
106 29.7 24.7 37.1



#68
m/p-Xylenes
Concen: 3.659 ug/l
RT: 11.841 min Scan# 1630
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 106 Resp: 15844
Ion Ratio Lower Upper
106 100
91 202.4 166.8 250.2

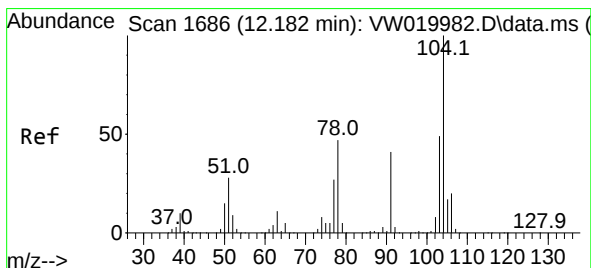
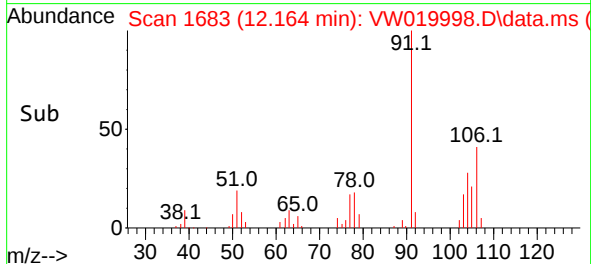
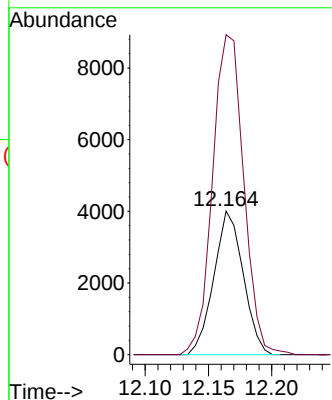
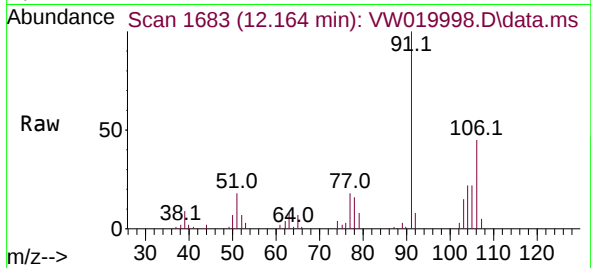




#69
o-Xylene
Concen: 1.632 ug/l
RT: 12.164 min Scan# 1683
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

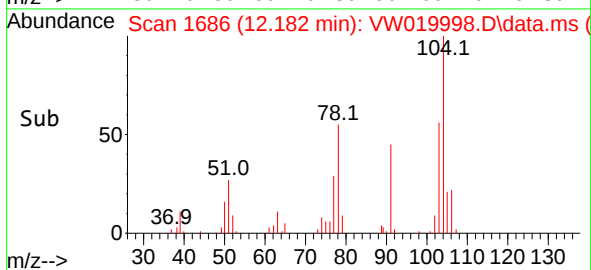
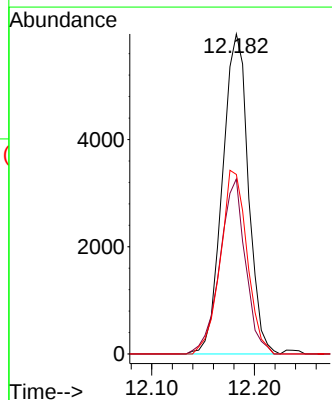
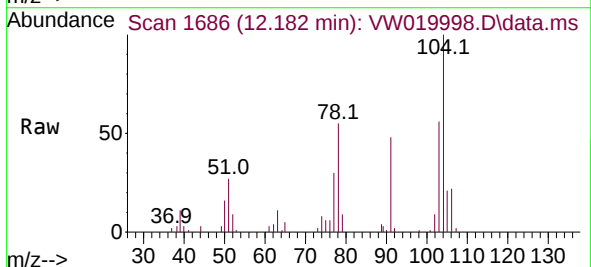
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

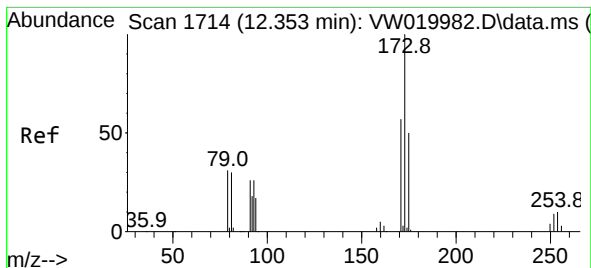
Tgt Ion:106 Resp: 6477
Ion Ratio Lower Upper
106 100
91 235.7 109.2 327.6



#70
Styrene
Concen: 1.548 ug/l
RT: 12.182 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:104 Resp: 10411
Ion Ratio Lower Upper
104 100
78 54.2 42.6 63.8
103 59.3 43.8 65.6





#71

Bromoform

Concen: 1.954 ug/l

RT: 12.347 min Scan# 1713

Delta R.T. -0.006 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

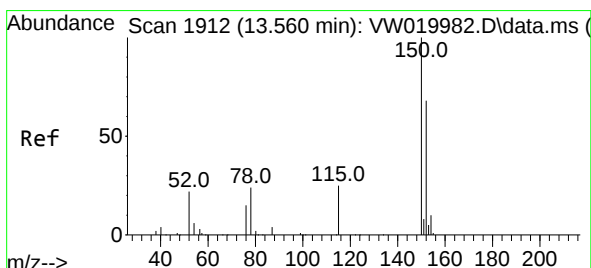
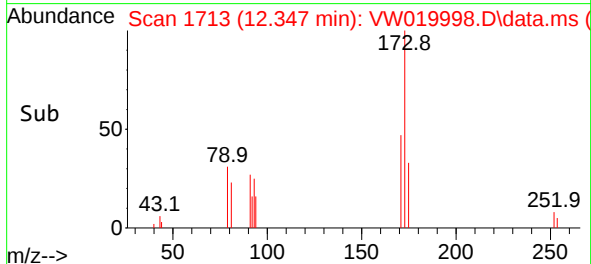
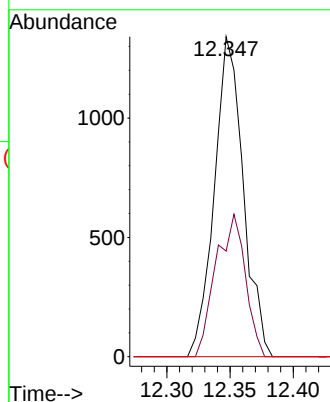
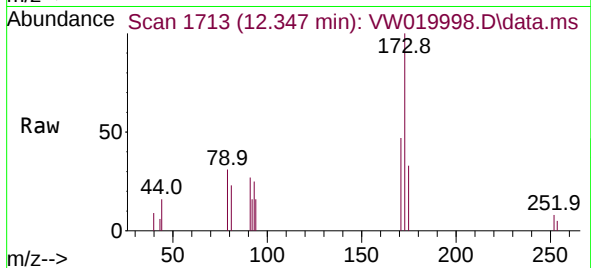
Tgt Ion:	173	Resp:	2132
Ion Ratio	Lower	Upper	
173	100		
175	45.4	24.6	73.8
254	0.0	0.0	0.0

Instrument :

MSVOA_W

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2021



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

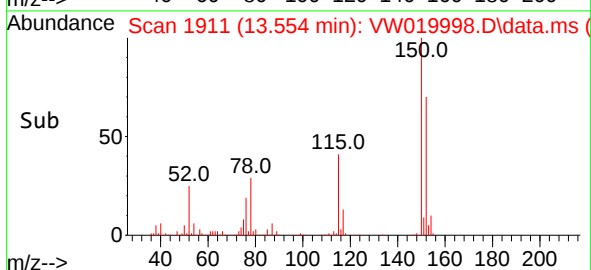
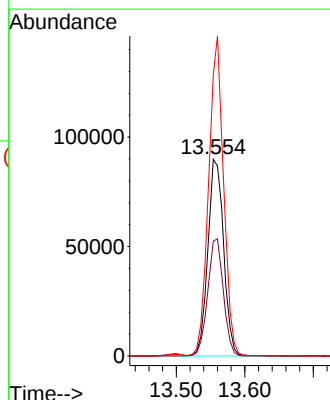
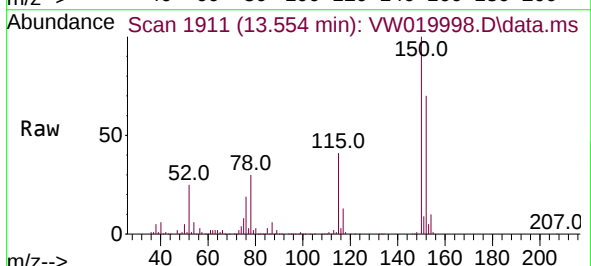
RT: 13.554 min Scan# 1911

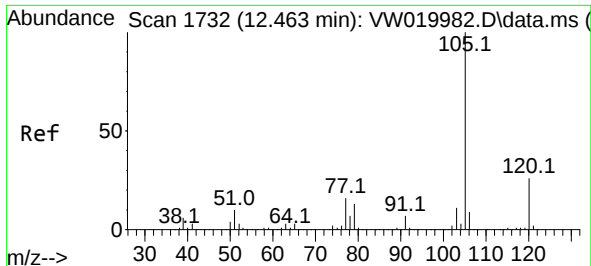
Delta R.T. -0.006 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	152	Resp:	143484
Ion Ratio	Lower	Upper	
152	100		
115	59.0	30.8	92.3
150	154.5	0.0	359.2

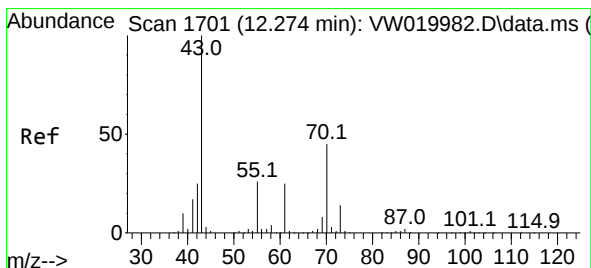
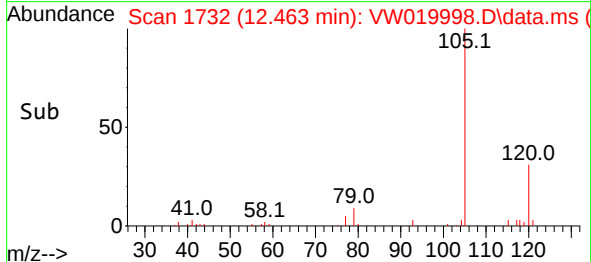
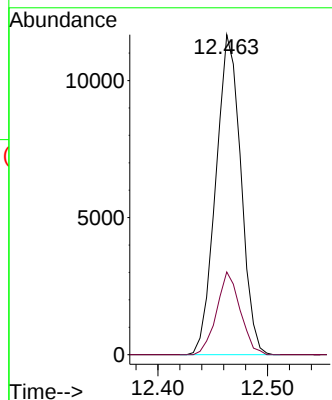
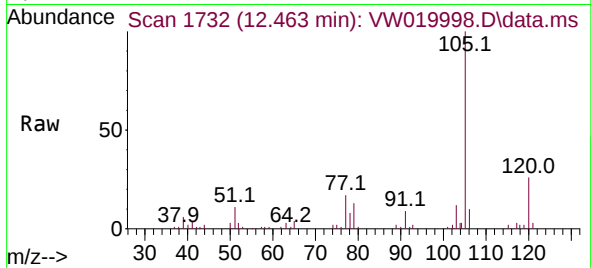




#73
Isopropylbenzene
Concen: 1.825 ug/l
RT: 12.463 min Scan# 1732
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

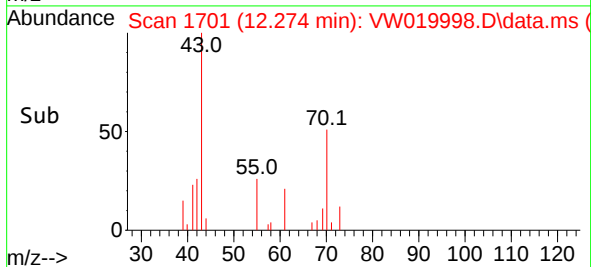
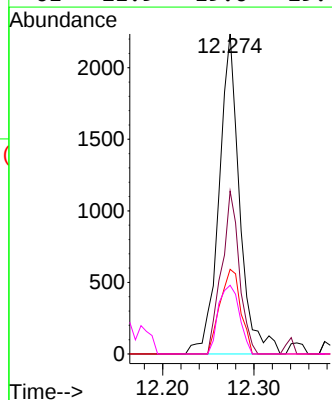
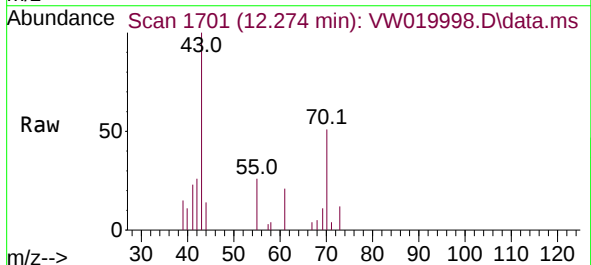
Instrument :
MSVOA_W
ClientSampleId :
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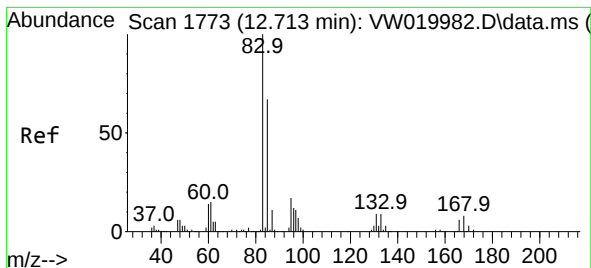
Tgt Ion:105 Resp: 18524
Ion Ratio Lower Upper
105 100
120 24.3 13.0 39.0



#74
N-ethyl acetate
Concen: 1.688 ug/l
RT: 12.274 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 43 Resp: 3518
Ion Ratio Lower Upper
43 100
70 43.7 35.1 52.7
55 26.4 21.4 32.2
61 21.9 19.6 29.4

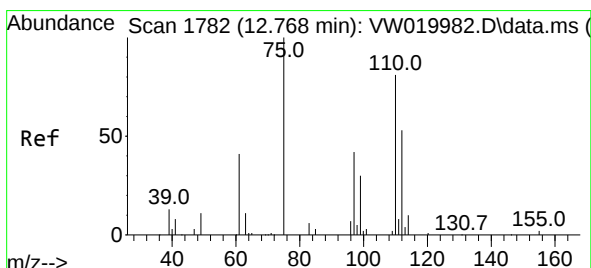
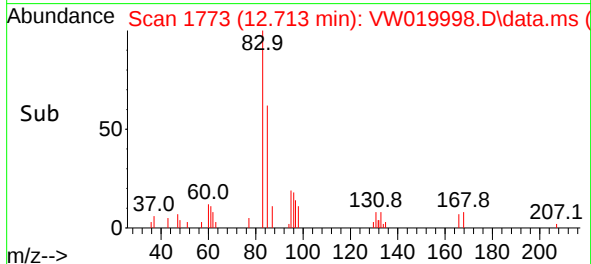
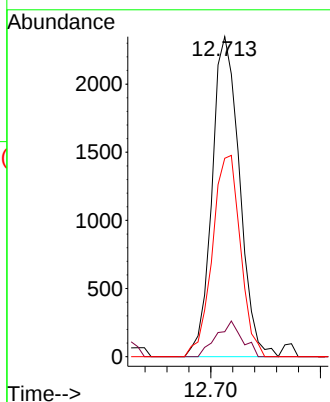
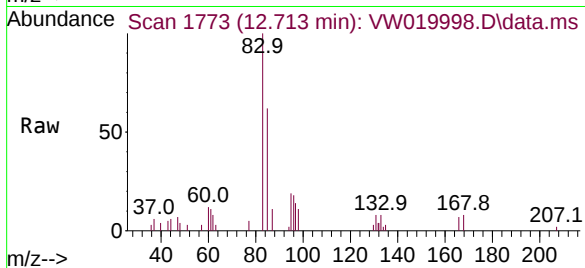




#75
1,1,2,2-Tetrachloroethane
Concen: 2.192 ug/l
RT: 12.713 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

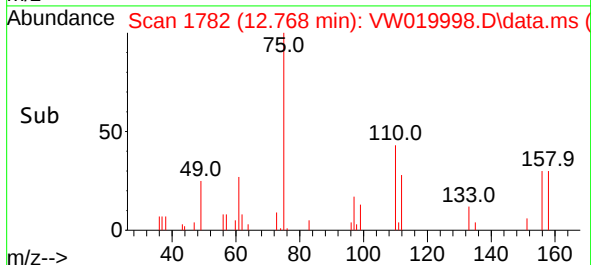
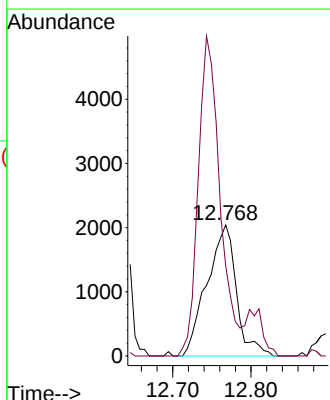
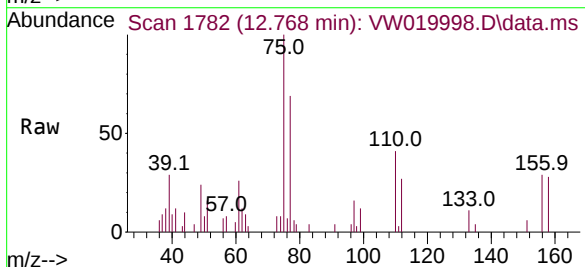
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

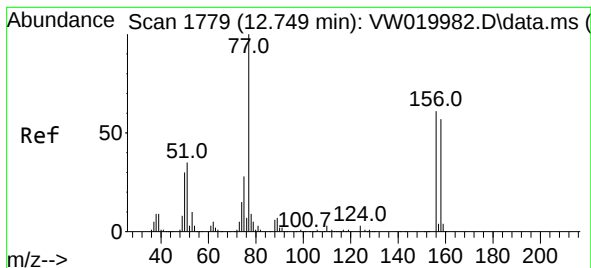
Tgt Ion:	83	Resp:	4086
Ion	Ratio	Lower	Upper
83	100		
131	10.4	5.3	15.8
85	64.2	32.8	98.4



#76
1,2,3-Trichloropropane
Concen: 3.987 ug/l
RT: 12.768 min Scan# 1782
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	75	Resp:	5314
Ion	Ratio	Lower	Upper
75	100		
77	0.0	0.0	0.0





#77

Bromobenzene

Concen: 2.210 ug/l

RT: 12.743 min Scan# 1778

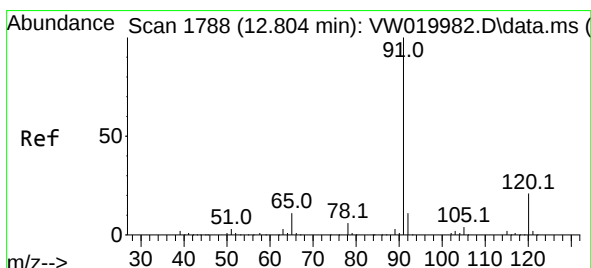
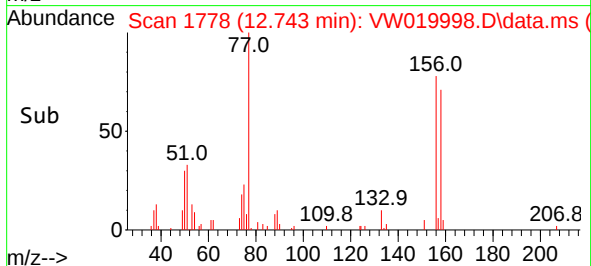
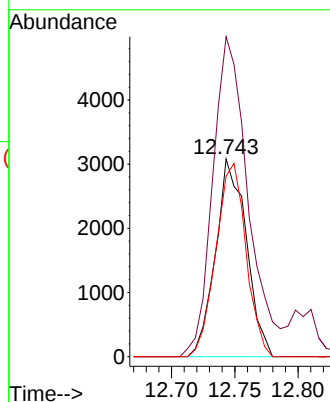
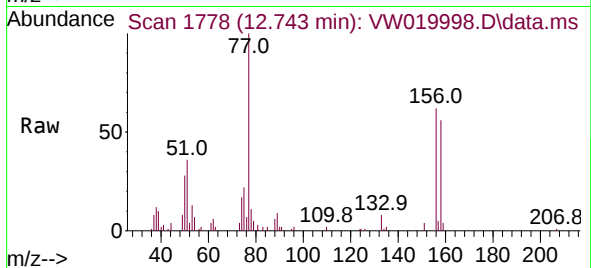
Delta R.T. -0.006 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	156	Resp:	5205
Ion Ratio	Lower	Upper	
156	100		
77	185.0	96.6	289.8
158	95.6	48.6	145.9

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



#78

n-propylbenzene

Concen: 2.053 ug/l

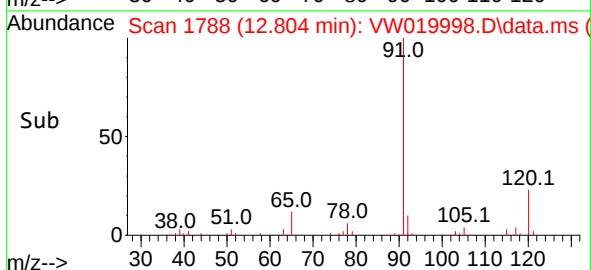
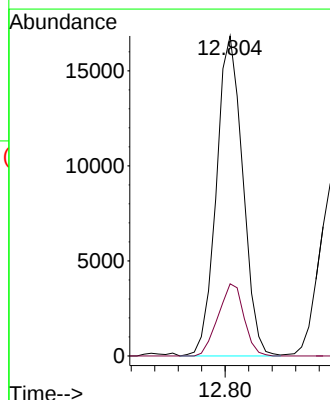
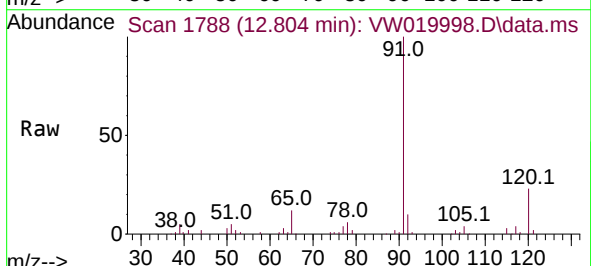
RT: 12.804 min Scan# 1788

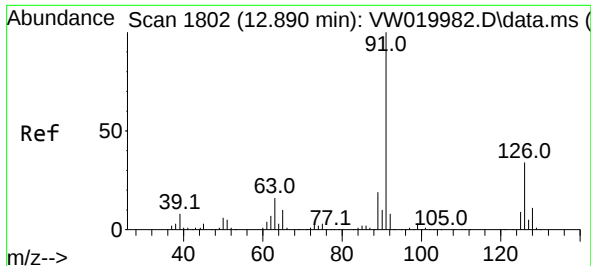
Delta R.T. 0.000 min

Lab File: VW019998.D

Acq: 08 Sep 2021 13:23

Tgt Ion:	91	Resp:	26248
Ion Ratio	Lower	Upper	
91	100		
120	22.0	10.9	32.7

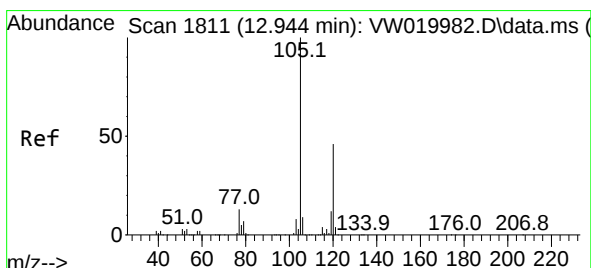
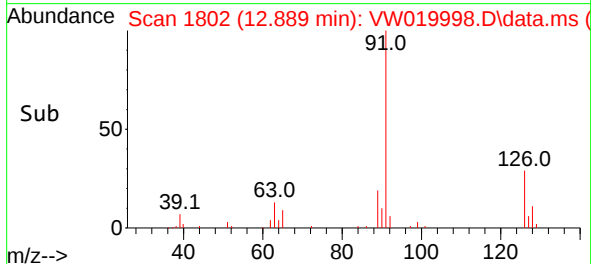
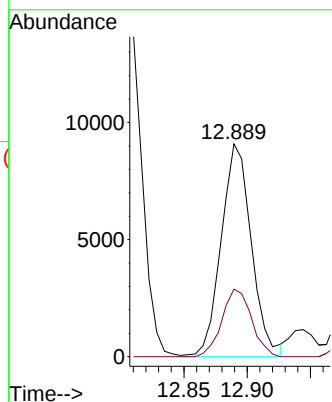
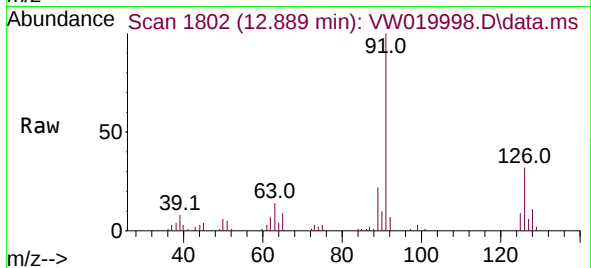




#79
2-Chlorotoluene
Concen: 2.025 ug/l
RT: 12.889 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

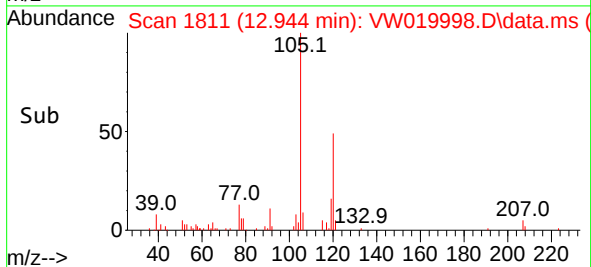
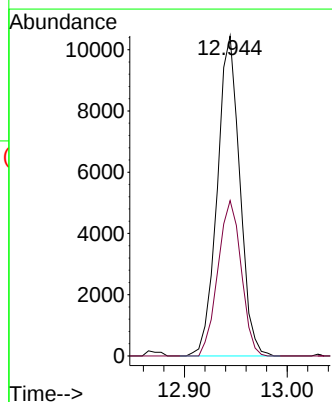
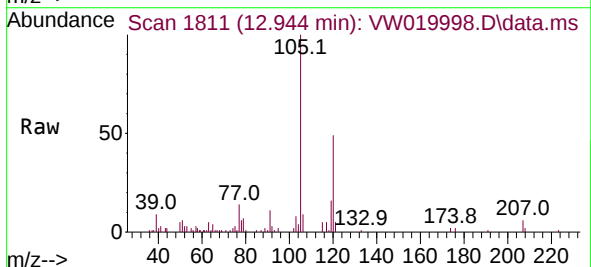
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

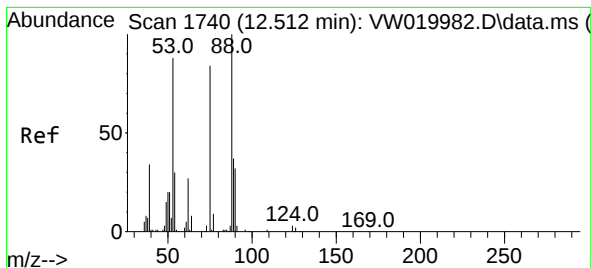
Tgt Ion: 91 Resp: 15070
Ion Ratio Lower Upper
91 100
126 31.1 16.4 49.2



#80
1,3,5-Trimethylbenzene
Concen: 1.778 ug/l
RT: 12.944 min Scan# 1811
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 105 Resp: 15914
Ion Ratio Lower Upper
105 100
120 50.0 23.8 71.4

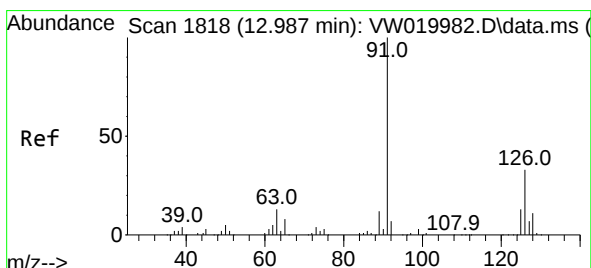
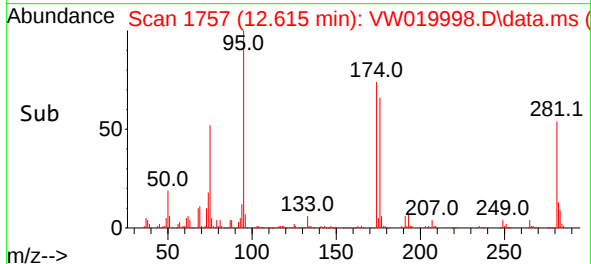
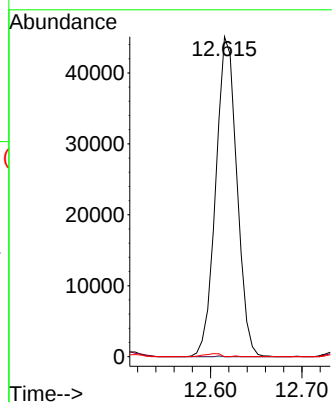
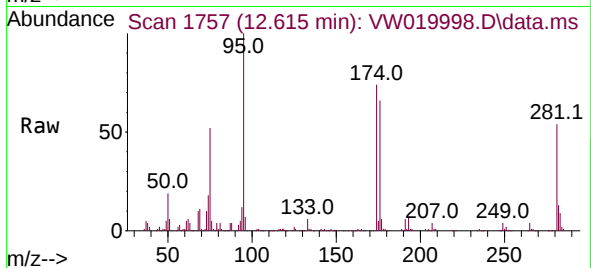




#81
trans-1,4-Dichloro-2-butene
Concen: 131.699 ug/l
RT: 12.615 min Scan# 1757
Delta R.T. 0.103 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

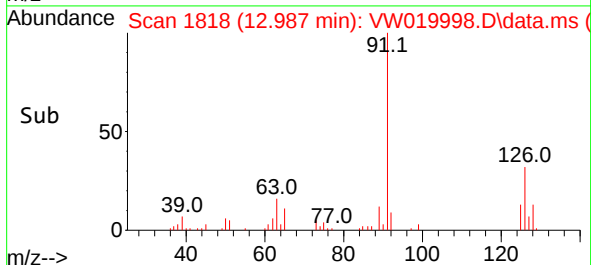
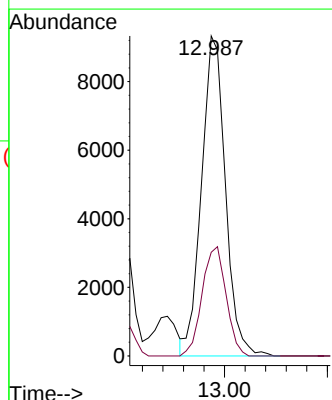
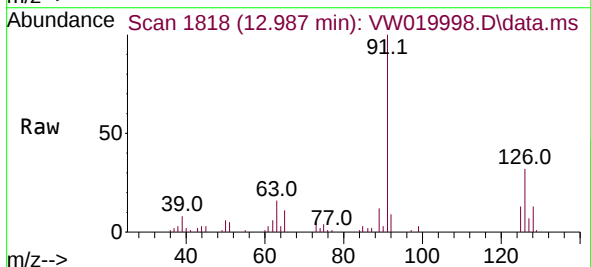
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

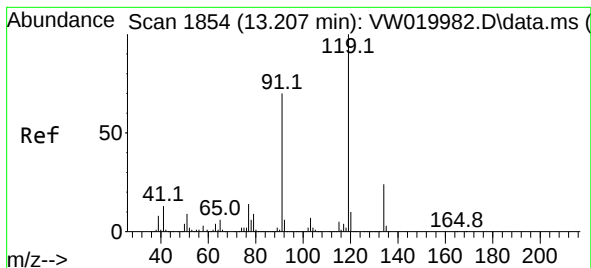
Tgt Ion: 75 Resp: 72510
Ion Ratio Lower Upper
75 100
53 0.1 86.1 129.1#
89 0.7 37.7 56.5#



#82
4-Chlorotoluene
Concen: 1.926 ug/l
RT: 12.987 min Scan# 1818
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion: 91 Resp: 15070
Ion Ratio Lower Upper
91 100
126 34.3 16.1 48.2

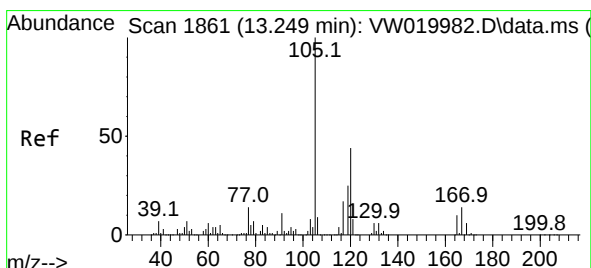
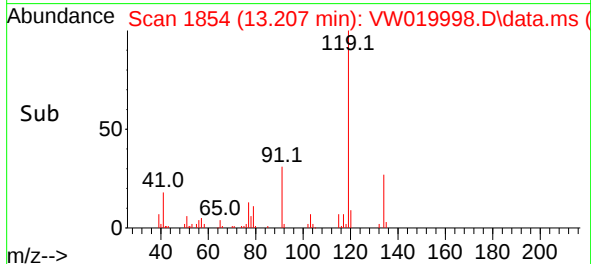
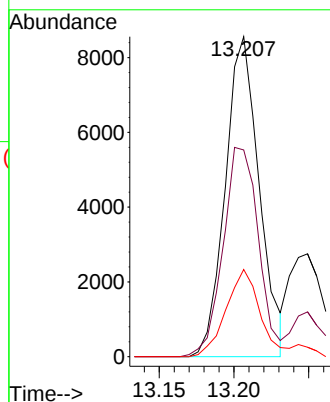
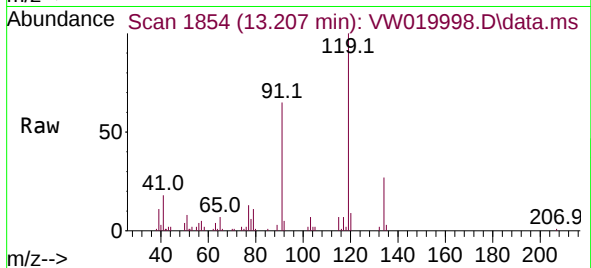




#83
tert-Butylbenzene
Concen: 1.805 ug/l
RT: 13.207 min Scan# 1854
Delta R.T. -0.001 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

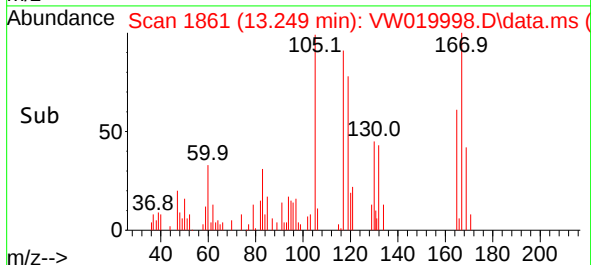
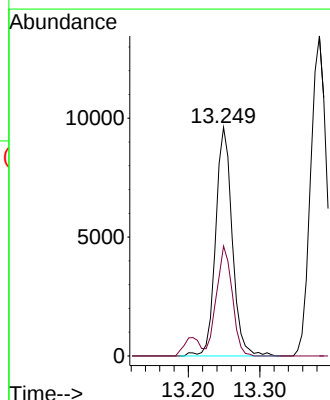
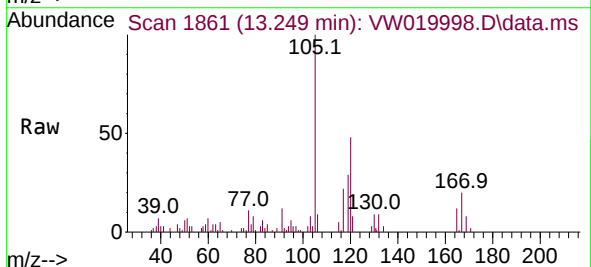
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

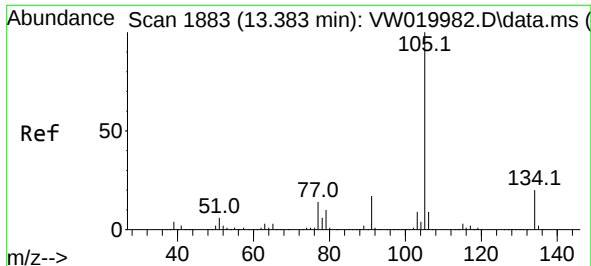
Tgt Ion:	119	Resp:	13528
Ion	Ratio	Lower	Upper
119	100		
91	68.0	35.0	105.0
134	27.3	12.4	37.2



#84
1,2,4-Trimethylbenzene
Concen: 1.767 ug/l
RT: 13.249 min Scan# 1861
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:	105	Resp:	15487
Ion	Ratio	Lower	Upper
105	100		
120	45.3	21.4	64.3

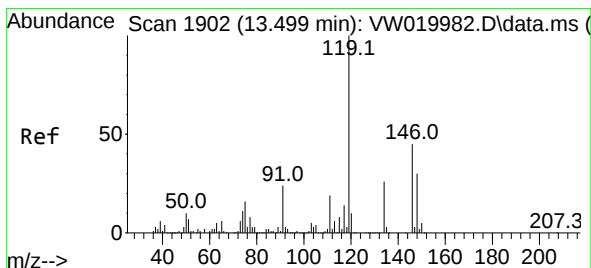
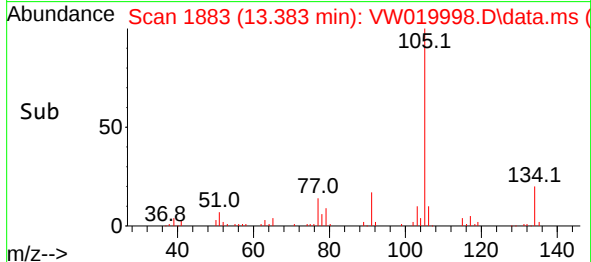
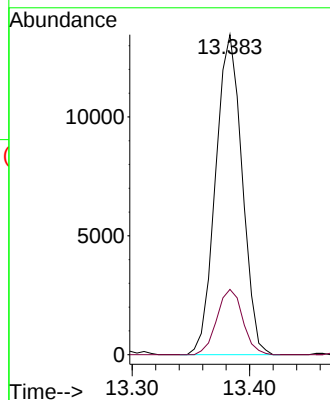
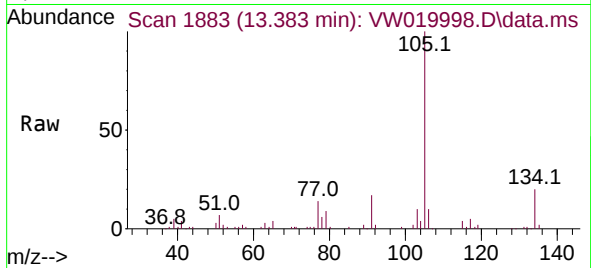




#85
sec-Butylbenzene
Concen: 1.855 ug/l
RT: 13.383 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

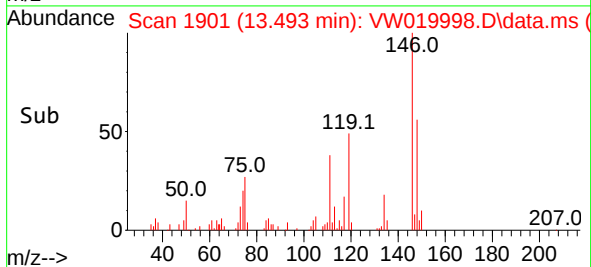
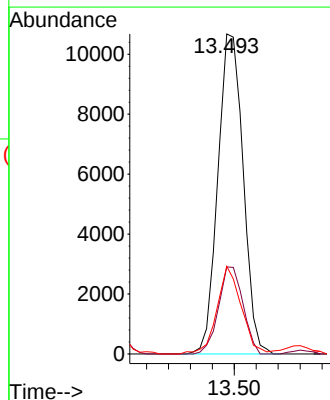
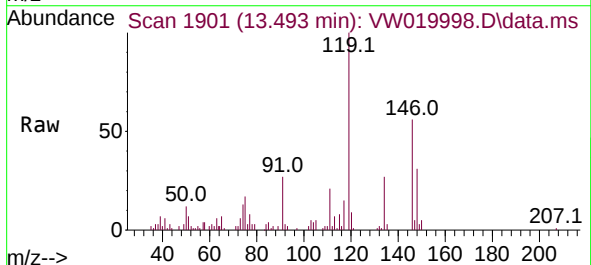
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

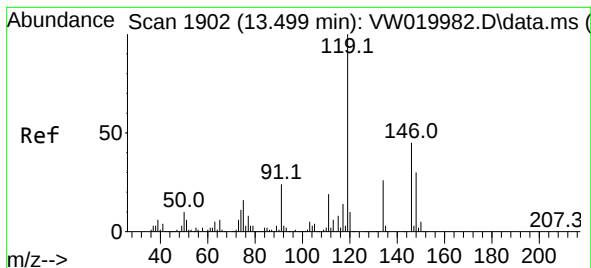
Tgt Ion:105 Resp: 21106
Ion Ratio Lower Upper
105 100
134 19.9 10.1 30.1



#86
p-Isopropyltoluene
Concen: 1.786 ug/l
RT: 13.493 min Scan# 1901
Delta R.T. -0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:119 Resp: 17114
Ion Ratio Lower Upper
119 100
134 26.3 12.8 38.4
91 26.2 12.4 37.0



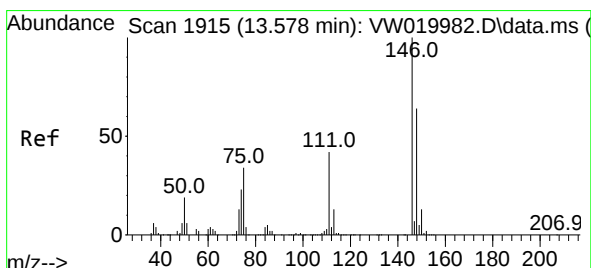
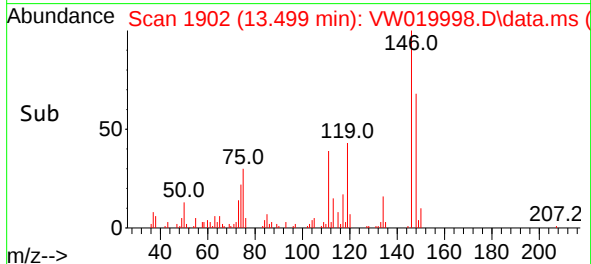
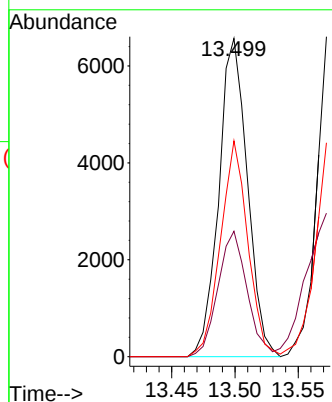
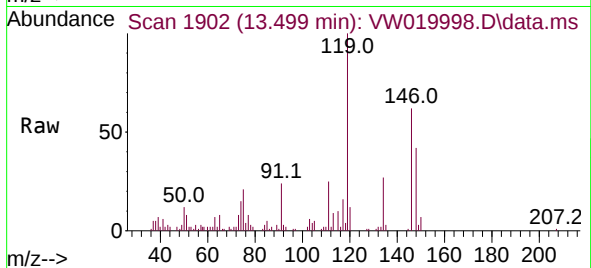


#87

1,3-Dichlorobenzene
Concen: 2.064 ug/l
RT: 13.499 min Scan# 1902
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

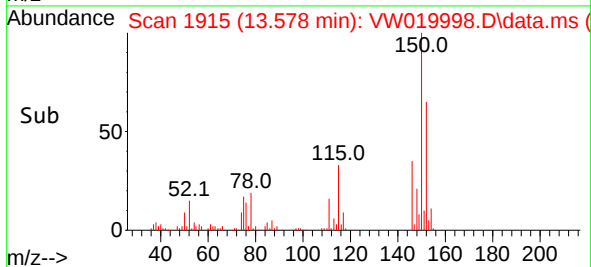
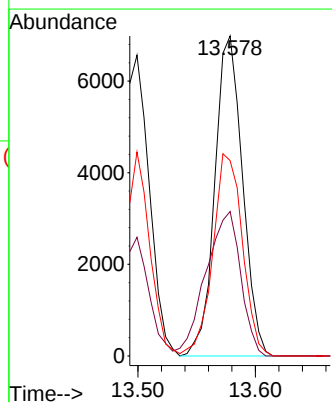
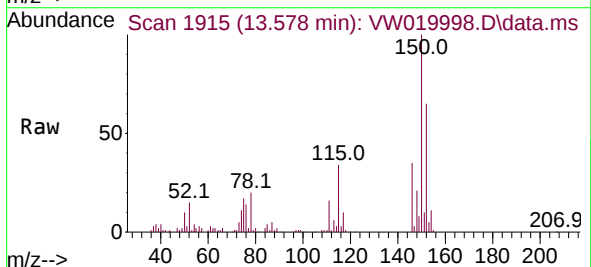
Tgt Ion:146 Resp: 10307
Ion Ratio Lower Upper
146 100
111 40.2 21.4 64.2
148 65.0 32.0 96.2

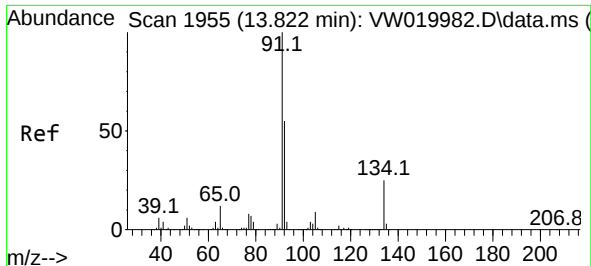


#88

1,4-Dichlorobenzene
Concen: 2.312 ug/l
RT: 13.578 min Scan# 1915
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

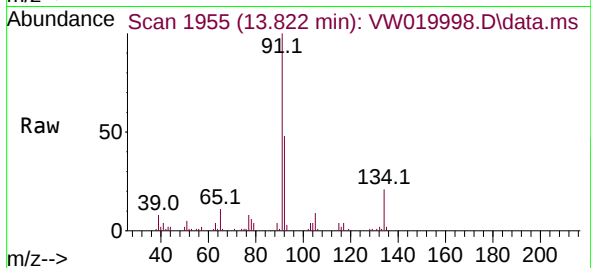
Tgt Ion:146 Resp: 11459
Ion Ratio Lower Upper
146 100
111 56.8 20.9 62.8
148 67.3 31.7 95.1



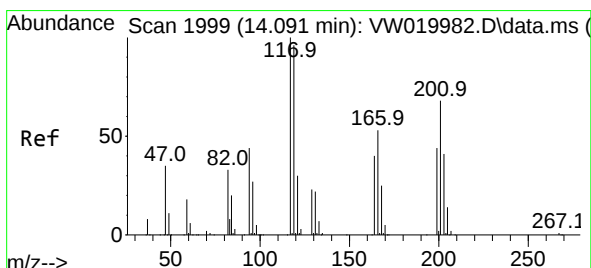
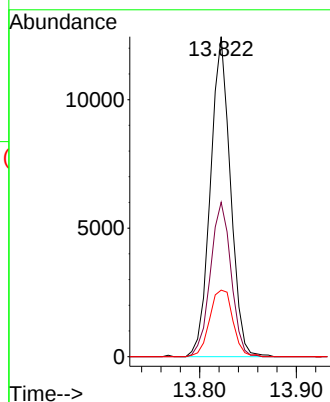
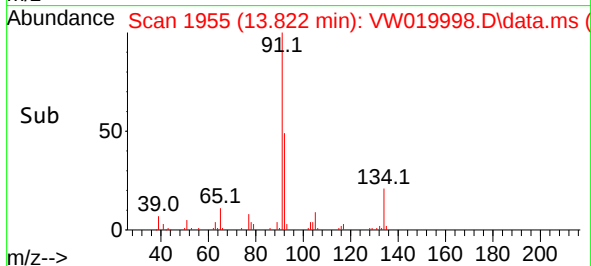


#89
n-Butylbenzene
Concen: 1.952 ug/l
RT: 13.822 min Scan# 1955
Delta R.T. 0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

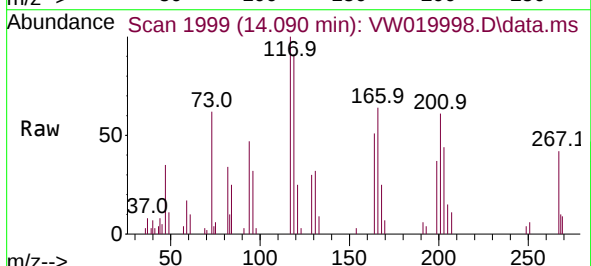
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



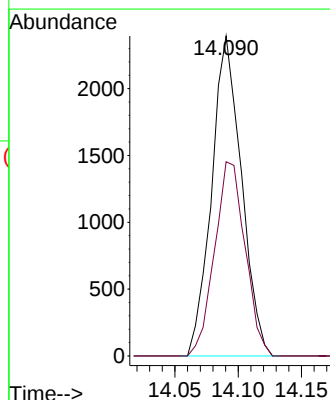
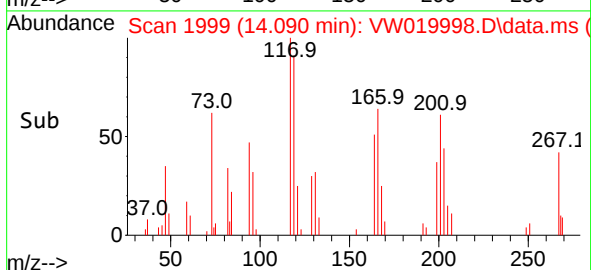
Tgt Ion: 91 Resp: 17924
Ion Ratio Lower Upper
91 100
92 49.8 27.1 81.3
134 24.2 12.4 37.2

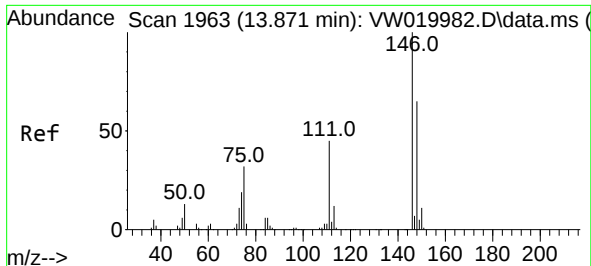


#90
Hexachloroethane
Concen: 2.141 ug/l
RT: 14.090 min Scan# 1999
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23



Tgt Ion: 117 Resp: 3920
Ion Ratio Lower Upper
117 100
201 62.1 34.7 104.1

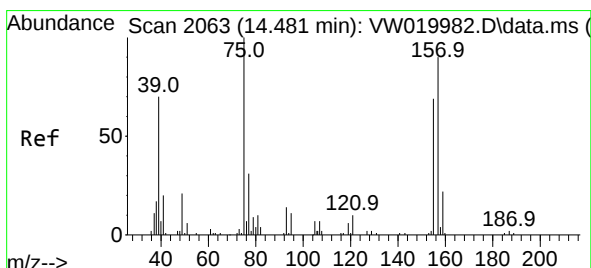
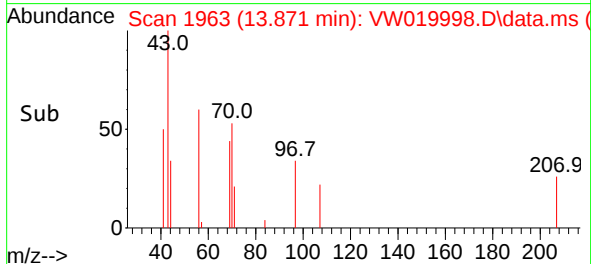
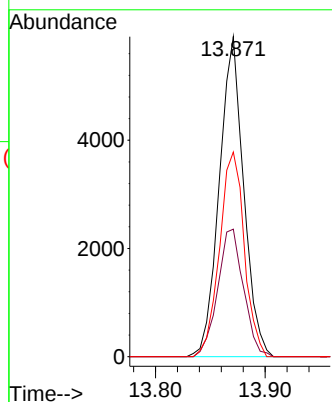
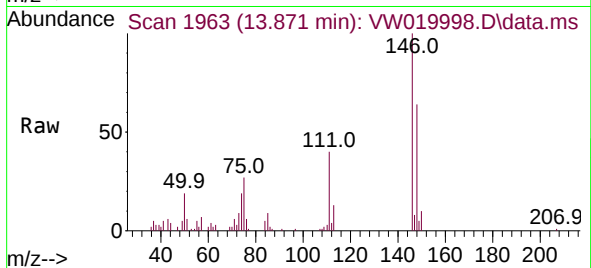




#91
1,2-Dichlorobenzene
Concen: 2.106 ug/l
RT: 13.871 min Scan# 1963
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

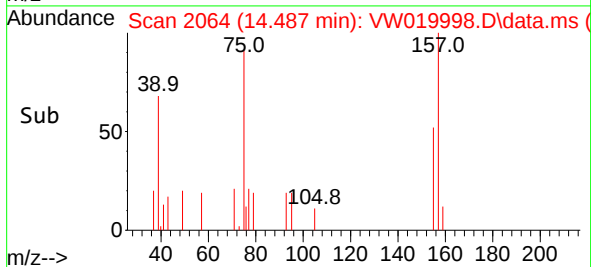
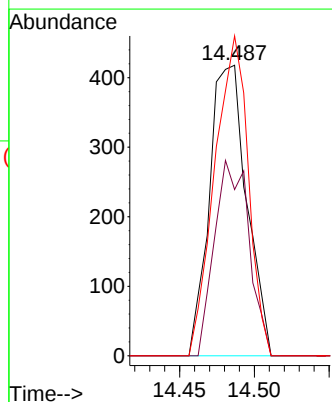
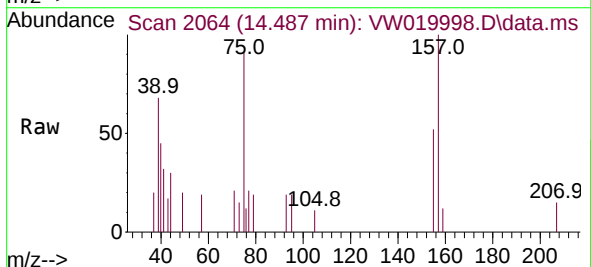
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

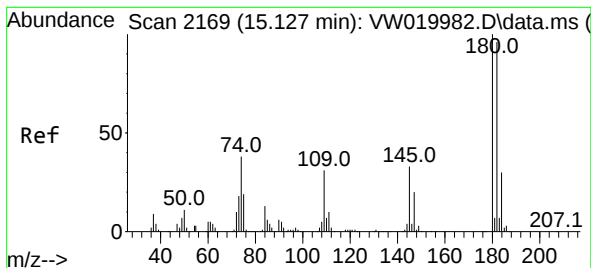
Tgt Ion:	146	Resp:	9134
Ion	Ratio	Lower	Upper
146	100		
111	42.2	21.8	65.4
148	64.9	31.9	95.5



#92
1,2-Dibromo-3-Chloropropane
Concen: 2.373 ug/l
RT: 14.487 min Scan# 2064
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

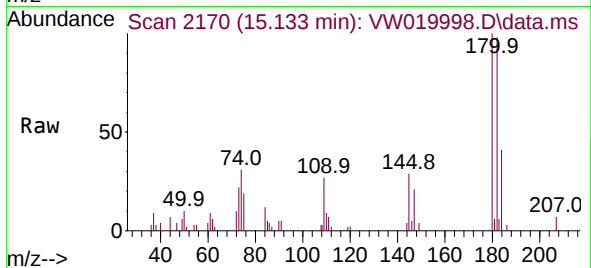
Tgt Ion:	75	Resp:	726
Ion	Ratio	Lower	Upper
75	100		
155	62.0	37.6	112.9
157	99.0	47.6	142.8



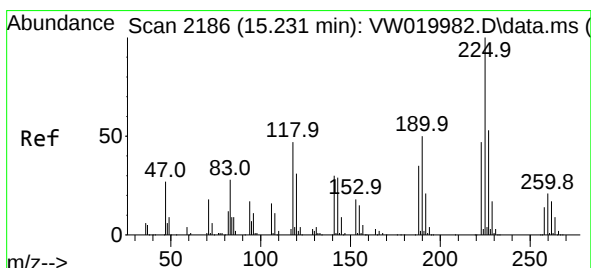
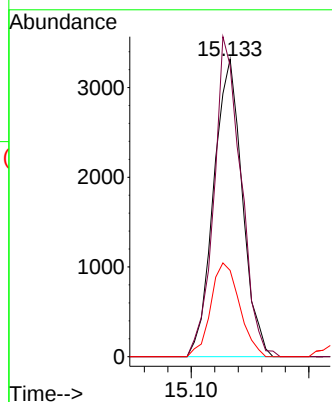
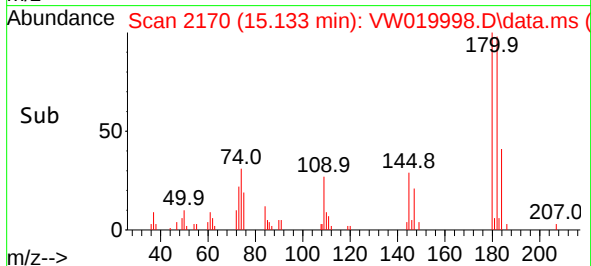


#93
1,2,4-Trichlorobenzene
Concen: 2.126 ug/l
RT: 15.133 min Scan# 2170
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

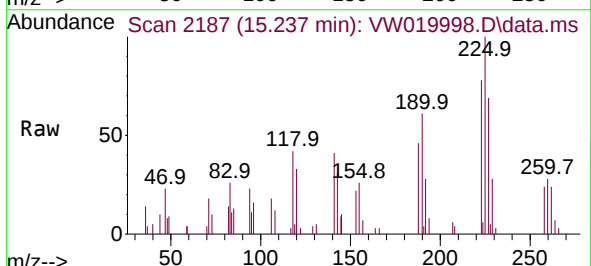
Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021



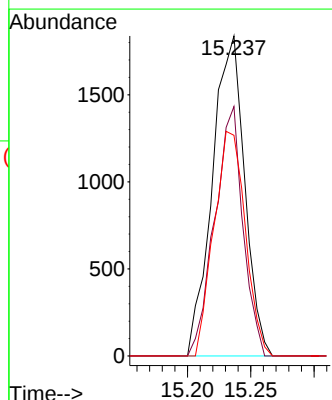
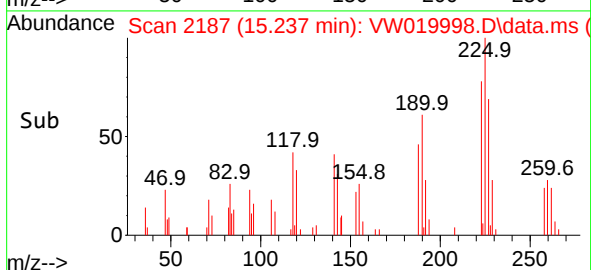
Tgt Ion:180 Resp: 5621
Ion Ratio Lower Upper
180 100
182 101.3 47.0 141.0
145 31.6 16.3 48.9

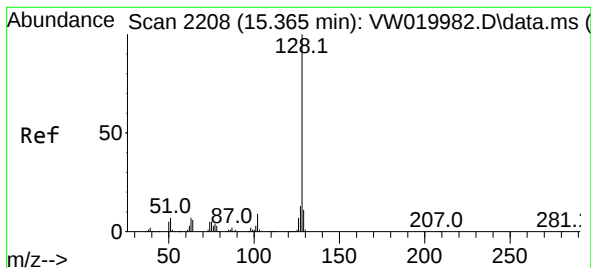


#94
Hexachlorobutadiene
Concen: 2.074 ug/l
RT: 15.237 min Scan# 2187
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23



Tgt Ion:225 Resp: 3258
Ion Ratio Lower Upper
225 100
223 68.2 30.2 90.6
227 68.2 30.1 90.5

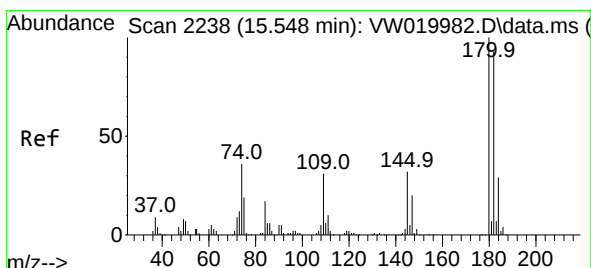
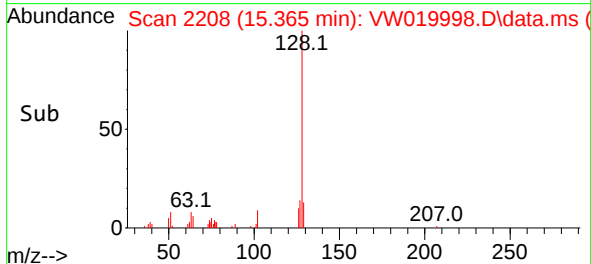
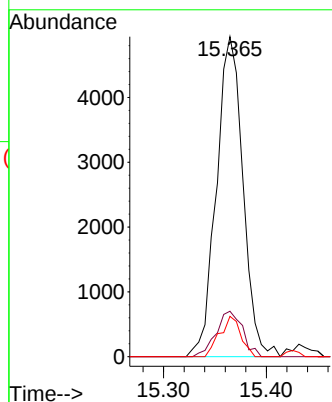
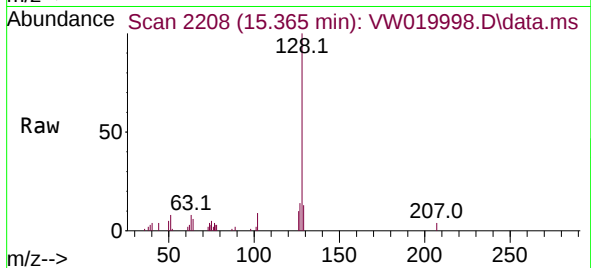




#95
Naphthalene
Concen: 1.937 ug/l
RT: 15.365 min Scan# 2208
Delta R.T. -0.000 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Instrument :
MSVOA_W
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2021

Tgt Ion:128	Resp:	8860
Ion Ratio	Lower	Upper
128	100	
127	14.2	10.4 15.6
129	9.9	8.7 13.1



#96
1,2,3-Trichlorobenzene
Concen: 2.127 ug/l
RT: 15.554 min Scan# 2239
Delta R.T. 0.006 min
Lab File: VW019998.D
Acq: 08 Sep 2021 13:23

Tgt Ion:180	Resp:	4931
Ion Ratio	Lower	Upper
180	100	
182	101.2	47.9 143.7
145	38.0	16.4 49.2

