

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
 Data File : VD072435.D
 Acq On : 25 Mar 2022 18:06
 Operator : VA/SY
 Sample : N1645-03 4.0PPB
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

Quant Time: Mar 26 00:14:16 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	368160	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	625006	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	574276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	285402	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	226317	55.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 110.320%	
35) Dibromofluoromethane	7.914	113	222599	50.611	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 101.220%	
50) Toluene-d8	10.332	98	780249	48.517	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	12.620	95	298660	47.795	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 95.580%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	10424	3.061	ug/l	96
3) Chloromethane	2.208	50	11084	3.663	ug/l #	86
4) Vinyl Chloride	2.344	62	10819	3.704	ug/l	97
5) Bromomethane	2.761	94	8330	4.380	ug/l	82
6) Chloroethane	2.920	64	7750	4.013	ug/l	98
7) Trichlorofluoromethane	3.273	101	20963	3.178	ug/l	94
8) Diethyl Ether	3.714	74	7865	4.317	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.103	101	15209	3.616	ug/l	99
10) Methyl Iodide	4.297	142	8761	4.448	ug/l #	87
11) Tert butyl alcohol	5.220	59	6371	26.781	ug/l #	94
12) 1,1-Dichloroethene	4.061	96	11640	3.440	ug/l	80
13) Acrolein	3.920	56	3606	16.987	ug/l	89
14) Allyl chloride	4.708	41	22893	3.870	ug/l	95
15) Acrylonitrile	5.420	53	21177	23.038	ug/l #	90
16) Acetone	4.155	43	20383	22.881	ug/l #	83
17) Carbon Disulfide	4.408	76	15872	3.451	ug/l	97
18) Methyl Acetate	4.726	43	13404	6.140	ug/l	96
19) Methyl tert-butyl Ether	5.473	73	42763	4.650	ug/l	92
20) Methylene Chloride	4.961	84	26052	Below Cal	#	91
21) trans-1,2-Dichloroethene	5.467	96	12078	3.227	ug/l	88
22) Diisopropyl ether	6.361	45	61131	4.530	ug/l #	93
23) Vinyl Acetate	6.302	43	144421	20.971	ug/l	99
24) 1,1-Dichloroethane	6.261	63	32297	4.058	ug/l #	92
25) 2-Butanone	7.208	43	28378	23.892	ug/l #	89
26) 2,2-Dichloropropane	7.202	77	25845	3.599	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	18986	3.974	ug/l	95
28) Bromochloromethane	7.549	49	10830	3.380	ug/l	93
29) Tetrahydrofuran	7.567	42	17872	25.589	ug/l	97
30) Chloroform	7.708	83	37961	4.478	ug/l	96
31) Cyclohexane	7.979	56	26030	4.061	ug/l #	65
32) 1,1,1-Trichloroethane	7.896	97	28989	3.850	ug/l	94
36) 1,1-Dichloropropene	8.114	75	19396	3.144	ug/l	97
37) Ethyl Acetate	7.285	43	14433	5.340	ug/l	99
38) Carbon Tetrachloride	8.091	117	23187	3.306	ug/l	96
39) Methylcyclohexane	9.349	83	19962	2.875	ug/l	98
40) Benzene	8.349	78	68661	3.901	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.526	41	8799	5.585	ug/l #	92
42) 1,2-Dichloroethane	8.420	62	22588	4.230	ug/l	97
43) Isopropyl Acetate	8.449	43	24141	4.602	ug/l	96
44) Trichloroethene	9.108	130	18160	3.675	ug/l	80
45) 1,2-Dichloropropane	9.379	63	19938	4.130	ug/l	93
46) Dibromomethane	9.467	93	9772	4.115	ug/l	94
47) Bromodichloromethane	9.655	83	29832	4.309	ug/l	95
48) Methyl methacrylate	9.449	41	11768	4.698	ug/l	92
49) 1,4-Dioxane	9.455	88	2746	96.429	ug/l #	87
51) 4-Methyl-2-Pentanone	10.220	43	65319	23.707	ug/l	96
52) Toluene	10.396	92	42052	3.631	ug/l	98
53) t-1,3-Dichloropropene	10.614	75	26230	4.147	ug/l	96
54) cis-1,3-Dichloropropene	10.085	75	29323	4.010	ug/l #	79
55) 1,1,2-Trichloroethane	10.790	97	16029	4.431	ug/l	92
56) Ethyl methacrylate	10.655	69	17843	4.211	ug/l	97
57) 1,3-Dichloropropane	10.937	76	26833	4.420	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	31013	16.279	ug/l	97
59) 2-Hexanone	10.979	43	43649	22.937	ug/l	98
60) Dibromochloromethane	11.132	129	20041	4.269	ug/l	98
61) 1,2-Dibromoethane	11.237	107	13950	4.268	ug/l	97
64) Tetrachloroethene	10.867	164	14914	3.686	ug/l	97
65) Chlorobenzene	11.661	112	49345	3.876	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.732	131	19881	3.949	ug/l	95
67) Ethyl Benzene	11.737	91	87159	3.833	ug/l	96
68) m/p-Xylenes	11.843	106	57596	6.671	ug/l	95
69) o-Xylene	12.173	106	29862	3.616	ug/l	98
70) Styrene	12.184	104	54522	3.781	ug/l	97
71) Bromoform	12.349	173	11653	4.333	ug/l #	98
73) Isopropylbenzene	12.467	105	83739	3.703	ug/l	100
74) N-amyl acetate	12.279	43	22672	4.665	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.720	83	19142	4.732	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	23582	7.491	ug/l #	100
77) Bromobenzene	12.749	156	21622	4.248	ug/l	95
78) n-propylbenzene	12.808	91	103500	3.768	ug/l	99
79) 2-Chlorotoluene	12.896	91	60663	3.819	ug/l	96
80) 1,3,5-Trimethylbenzene	12.949	105	76070	3.915	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	5186	4.087	ug/l	94
82) 4-Chlorotoluene	12.996	91	64682	3.933	ug/l	96
83) tert-Butylbenzene	13.214	119	62090	3.645	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	79565	4.156	ug/l	99
85) sec-Butylbenzene	13.390	105	94460	3.693	ug/l	99
86) p-Isopropyltoluene	13.502	119	75660	3.594	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	41956	3.933	ug/l	100
88) 1,4-Dichlorobenzene	13.584	146	43539	4.116	ug/l	92
89) n-Butylbenzene	13.831	91	76282	3.802	ug/l	97
90) Hexachloroethane	14.102	117	16068	3.895	ug/l	95
91) 1,2-Dichlorobenzene	13.878	146	39669	4.265	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3314	5.134	ug/l	97
93) 1,2,4-Trichlorobenzene	15.143	180	23372	3.795	ug/l	98
94) Hexachlorobutadiene	15.249	225	13132	3.666	ug/l	98
95) Naphthalene	15.384	128	133619	12.587	ug/l	99
96) 1,2,3-Trichlorobenzene	15.578	180	22626	4.245	ug/l	97

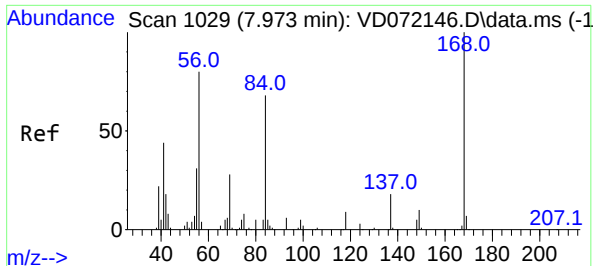
Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032522\
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Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

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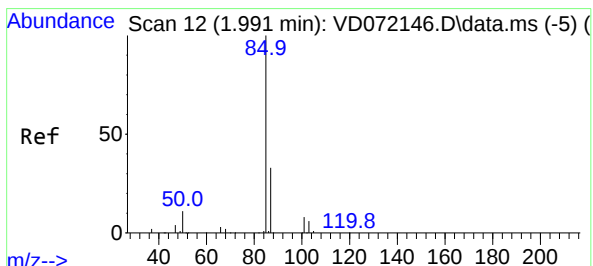
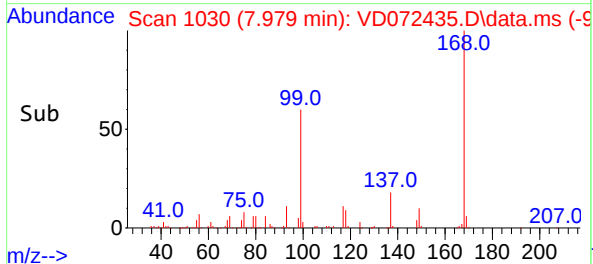
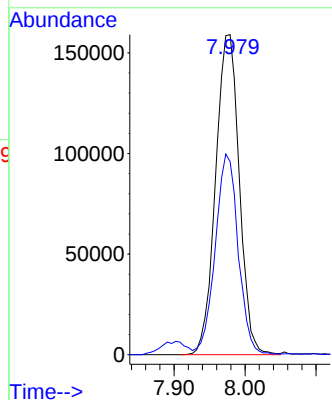
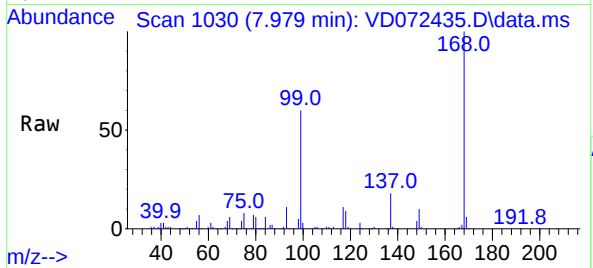
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 10
Delta R.T. 0.006 min
Lab File: VD072435.D
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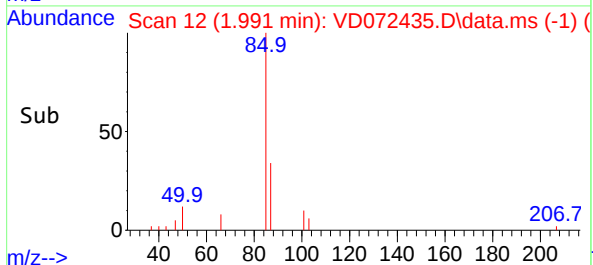
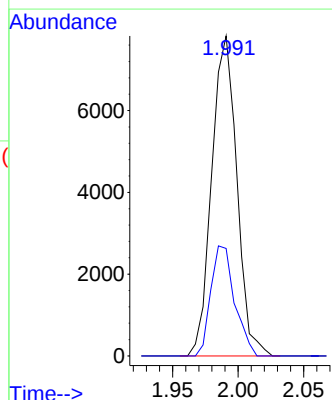
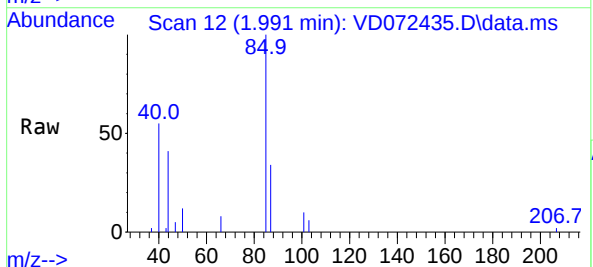
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:168 Resp: 368160
Ion Ratio Lower Upper
168 100
99 60.1 49.8 74.6

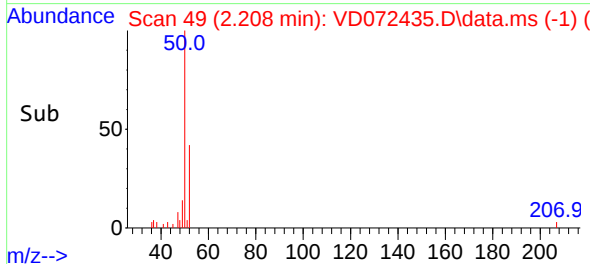
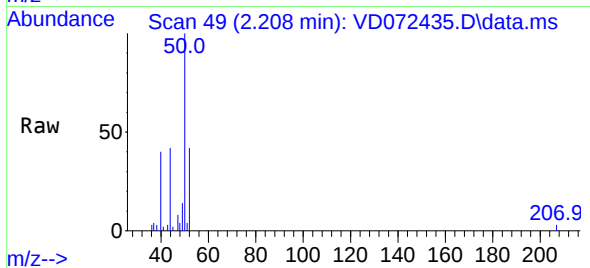
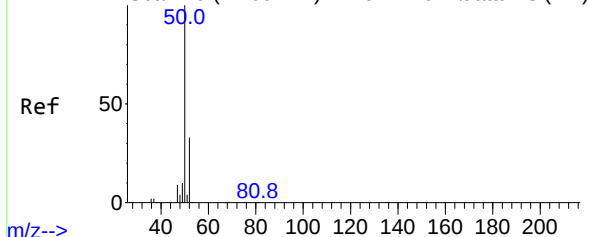


#2
Dichlorodifluoromethane
Concen: 3.061 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 85 Resp: 10424
Ion Ratio Lower Upper
85 100
87 33.6 15.7 47.0



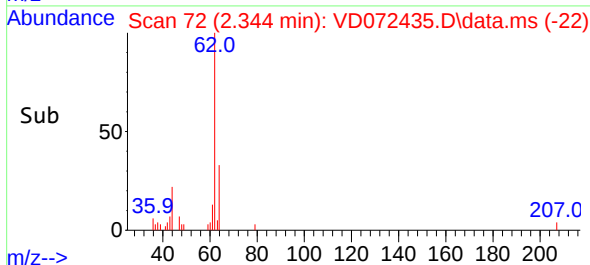
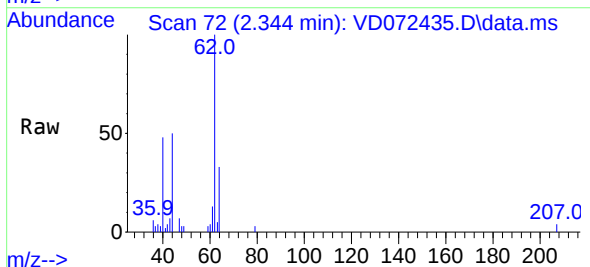
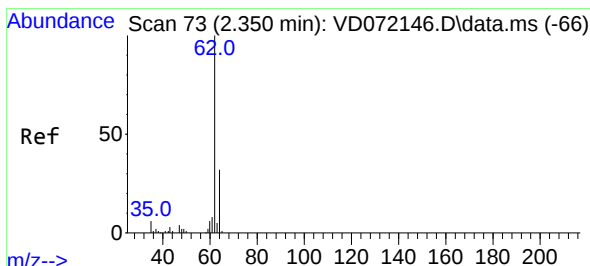
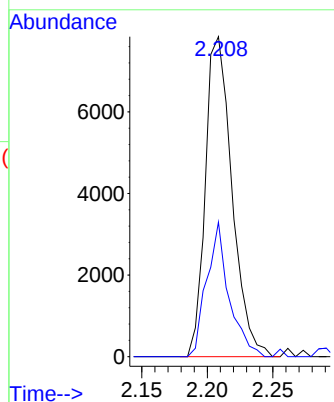
Abundance Scan 49 (2.209 min): VD072146.D\data.ms (-42)



#3
Chloromethane
Concen: 3.663 ug/l
RT: 2.208 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

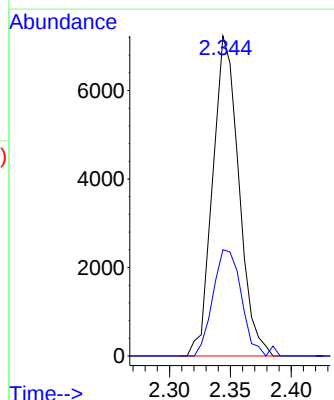
Tgt Ion: 50 Resp: 11084
Ion Ratio Lower Upper
50 100
52 42.0 27.4 41.0#

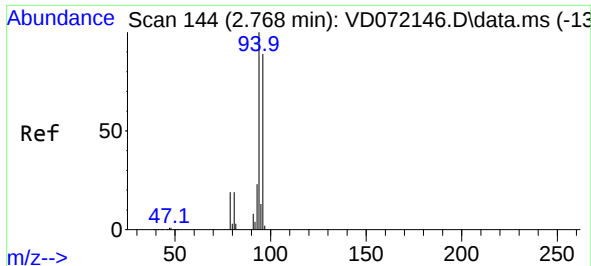
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022



#4
Vinyl Chloride
Concen: 3.704 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 62 Resp: 10819
Ion Ratio Lower Upper
62 100
64 33.2 25.4 38.0

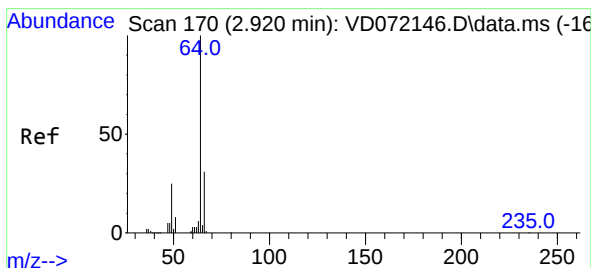
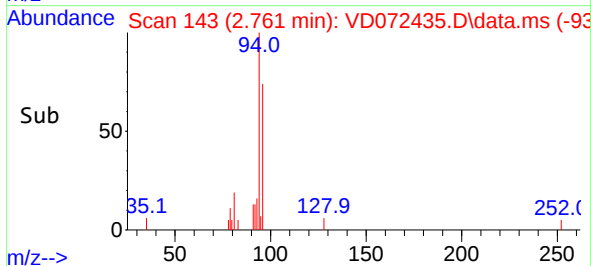
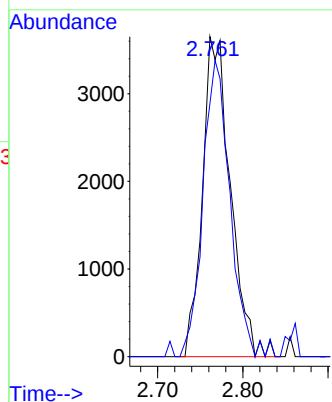
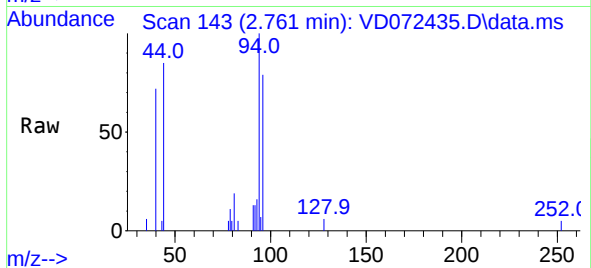




#5
Bromomethane
Concen: 4.380 ug/l
RT: 2.761 min Scan# 144
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

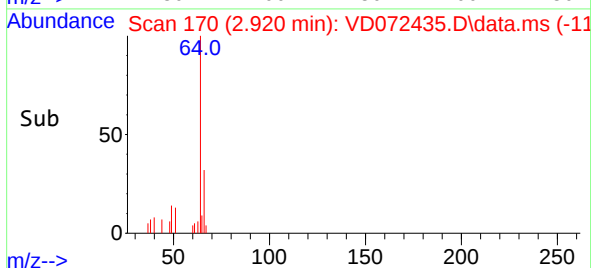
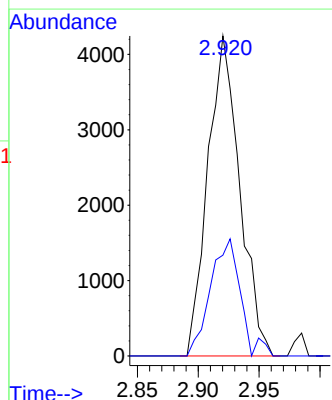
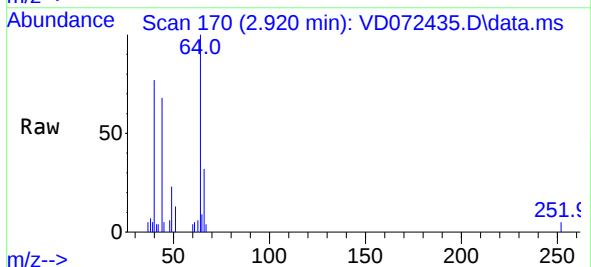
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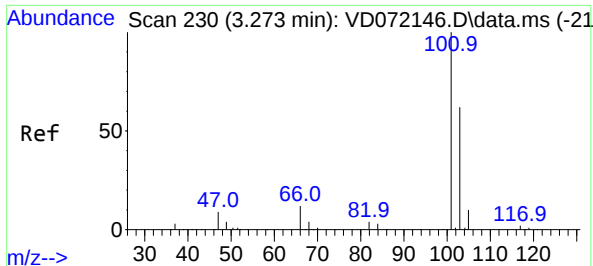
Tgt Ion: 94 Resp: 8330
Ion Ratio Lower Upper
94 100
96 79.2 77.6 116.4



#6
Chloroethane
Concen: 4.013 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 64 Resp: 7750
Ion Ratio Lower Upper
64 100
66 31.5 25.9 38.9

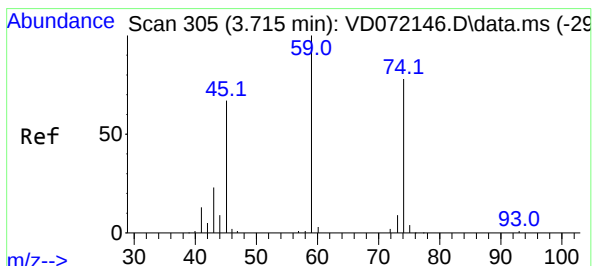
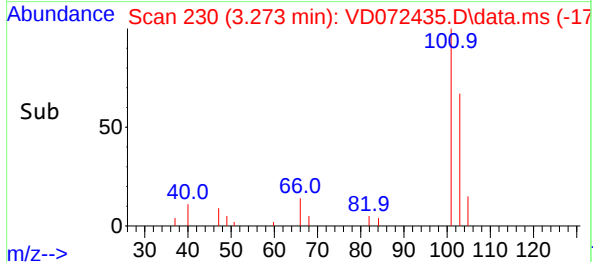
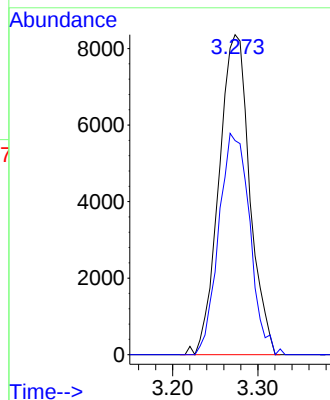
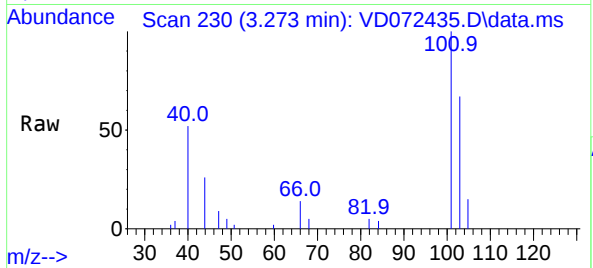




#7
Trichlorofluoromethane
Concen: 3.178 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

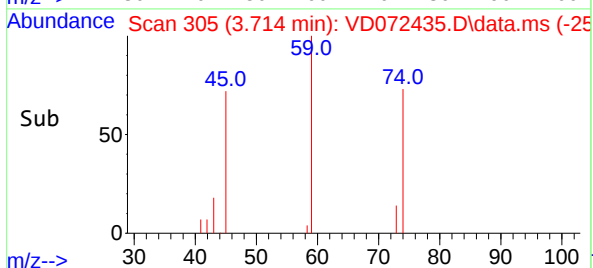
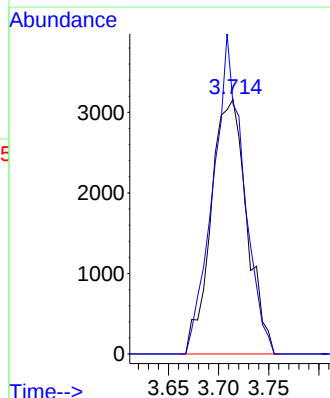
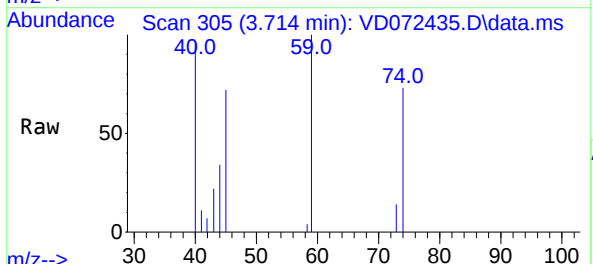
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

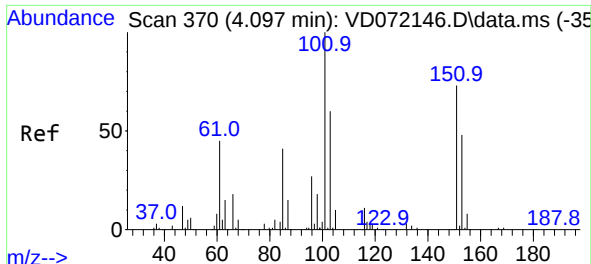
Tgt Ion:101 Resp: 20963
Ion Ratio Lower Upper
101 100
103 66.9 50.1 75.1



#8
Diethyl Ether
Concen: 4.317 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 74 Resp: 7865
Ion Ratio Lower Upper
74 100
45 106.4 52.6 157.8

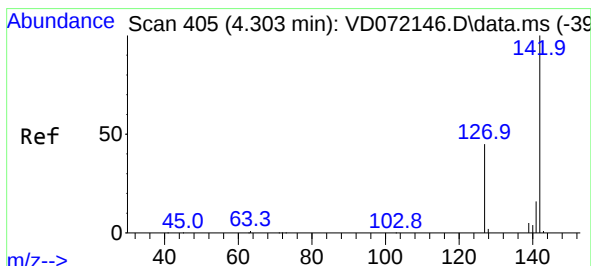
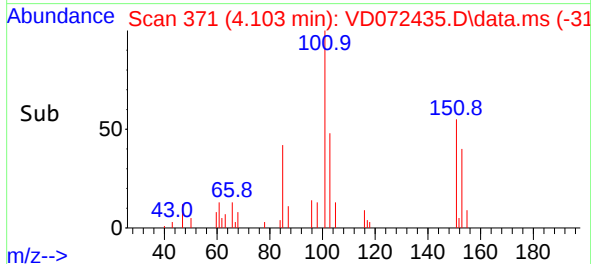
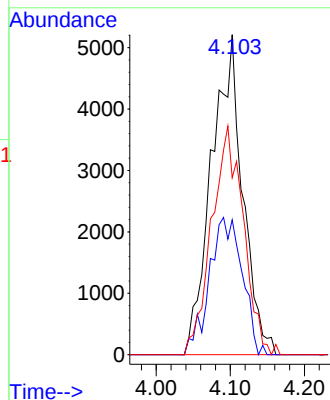
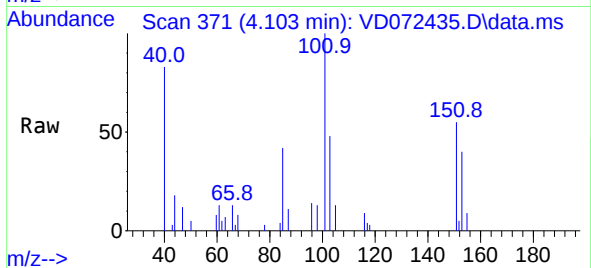




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.616 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

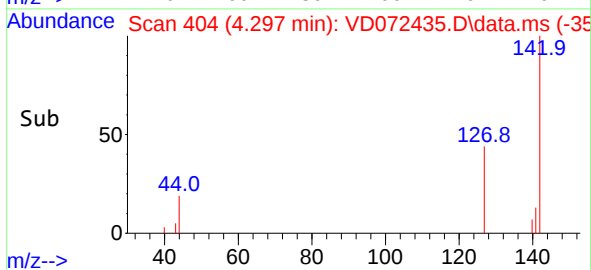
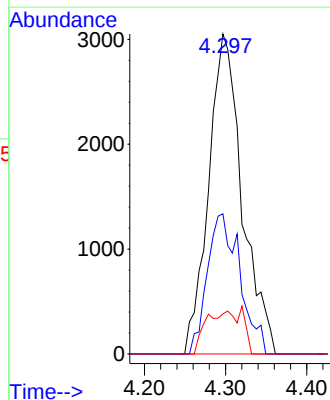
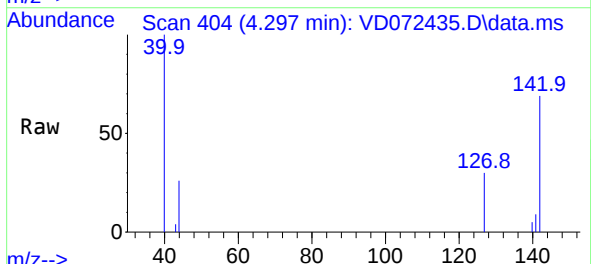
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

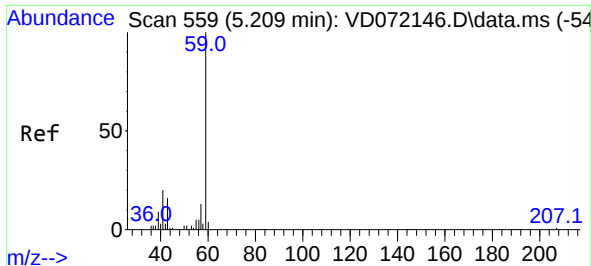
Tgt Ion:101 Resp: 15209
Ion Ratio Lower Upper
101 100
85 45.5 36.4 54.6
151 72.9 57.3 85.9



#10
Methyl Iodide
Concen: 4.448 ug/l
RT: 4.297 min Scan# 404
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:142 Resp: 8761
Ion Ratio Lower Upper
142 100
127 42.5 37.3 55.9
141 0.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 26.781 ug/l

RT: 5.220 min Scan# 5

Delta R.T. 0.012 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

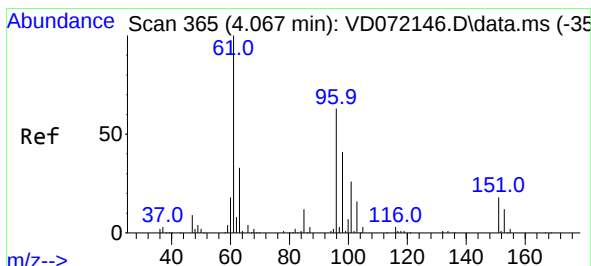
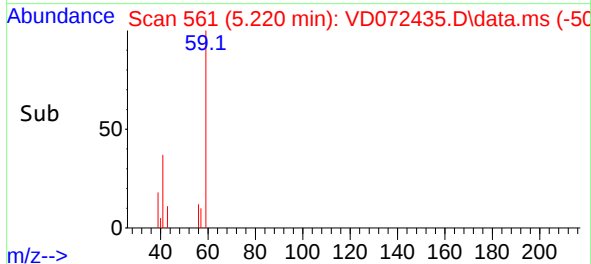
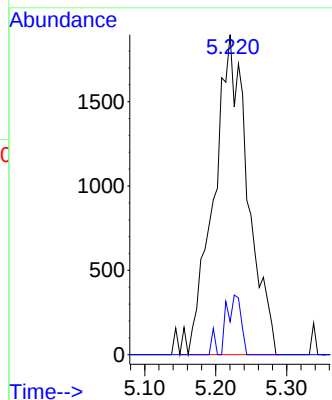
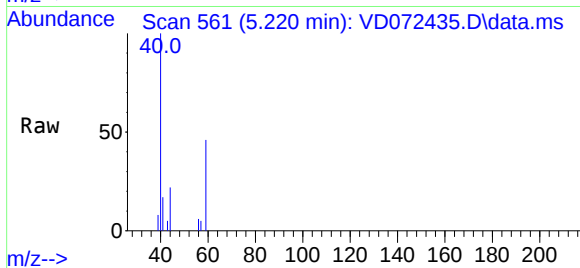
MDL-SOIL-03-QT1-2022

Tgt Ion: 59 Resp: 6371

Ion Ratio Lower Upper

59 100

57 7.5 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 3.440 ug/l

RT: 4.061 min Scan# 364

Delta R.T. -0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

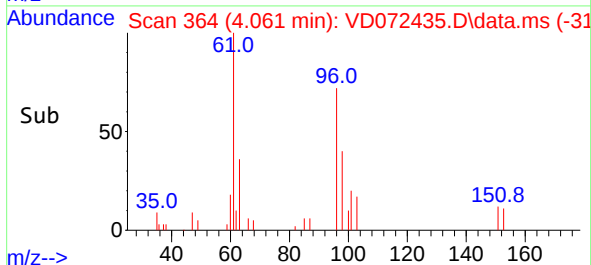
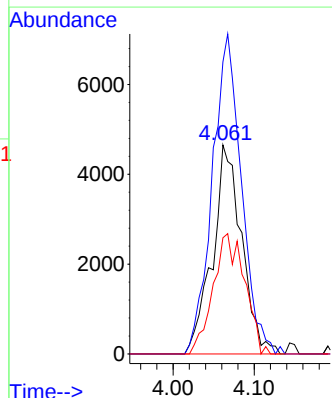
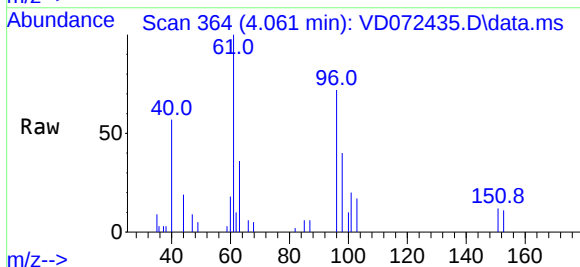
Tgt Ion: 96 Resp: 11640

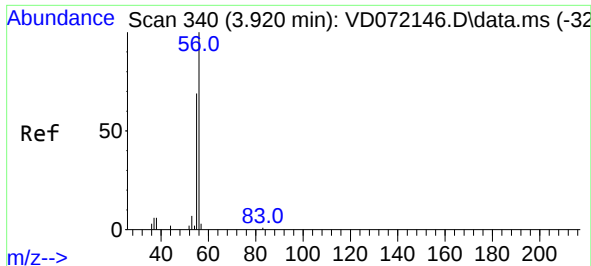
Ion Ratio Lower Upper

96 100

61 139.8 138.5 207.7

98 55.6 48.6 73.0

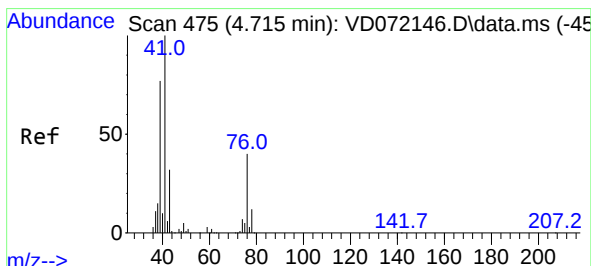
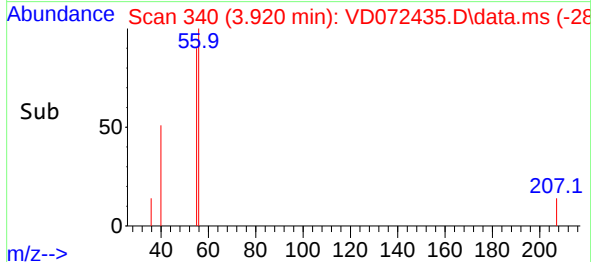
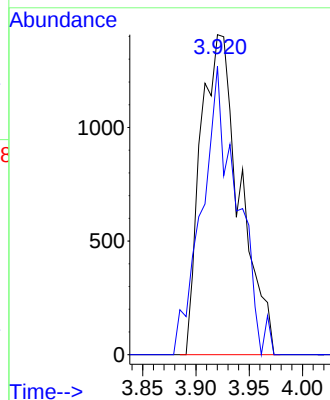
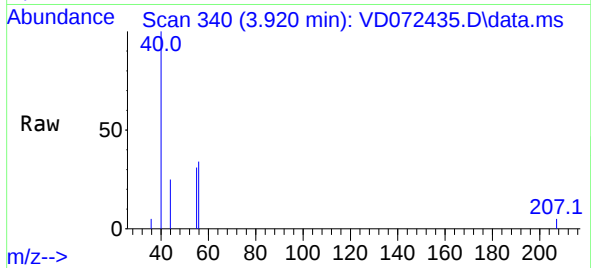




#13
Acrolein
Concen: 16.987 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

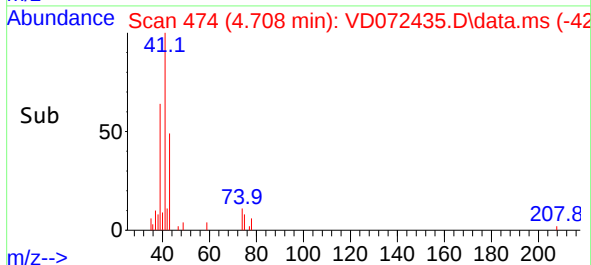
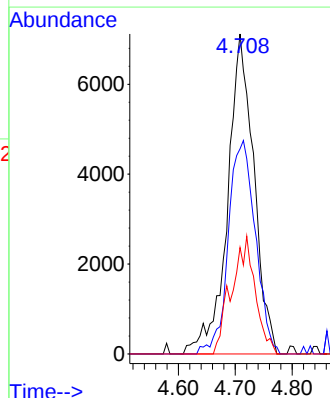
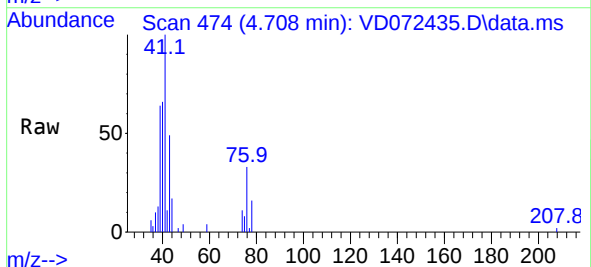
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

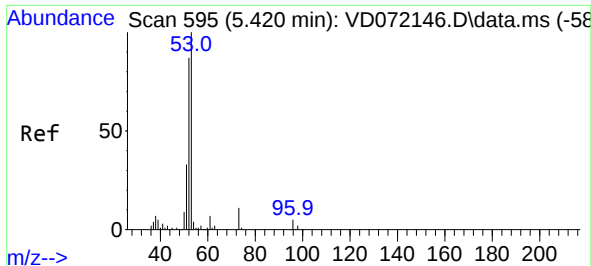
Tgt Ion: 56 Resp: 3606
Ion Ratio Lower Upper
56 100
55 80.6 57.1 85.7



#14
Allyl chloride
Concen: 3.870 ug/l
RT: 4.708 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 41 Resp: 22893
Ion Ratio Lower Upper
41 100
39 68.6 59.3 88.9
76 33.3 25.7 38.5

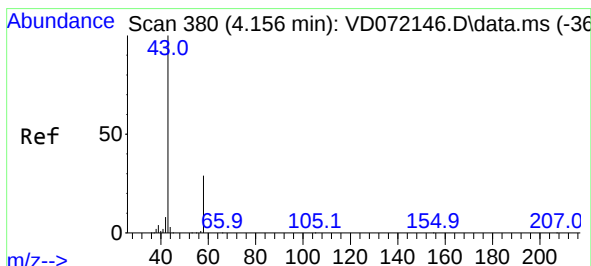
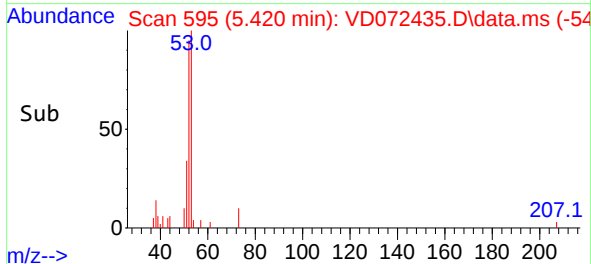
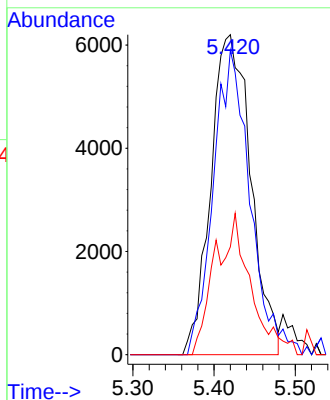
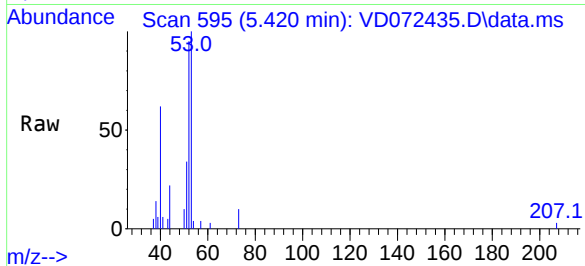




#15
Acrylonitrile
Concen: 23.038 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

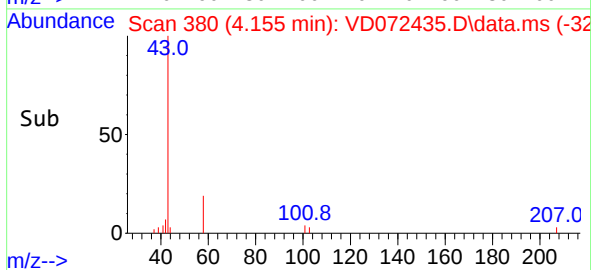
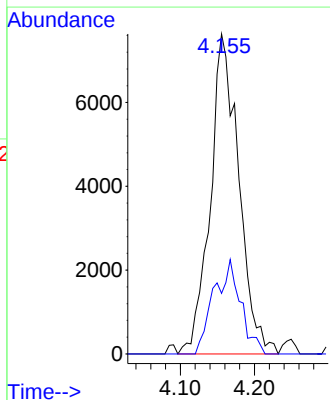
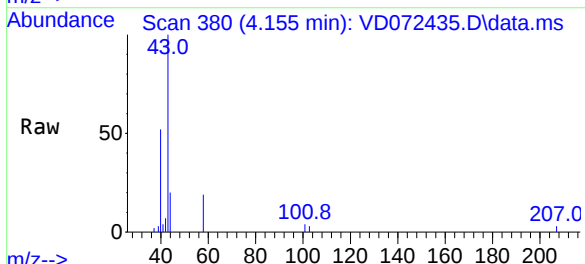
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

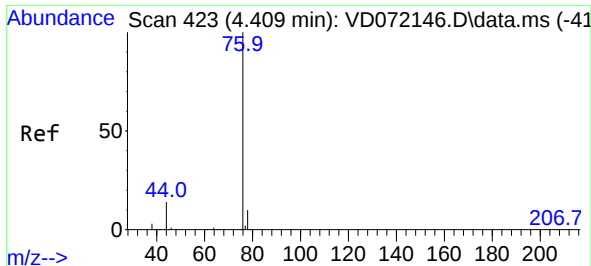
Tgt Ion: 53	Resp: 21177
Ion Ratio	Lower Upper
53 100	
52 87.7	67.2 100.8
51 23.8	30.3 45.5#



#16
Acetone
Concen: 22.881 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 43	Resp: 20383
Ion Ratio	Lower Upper
43 100	
58 18.9	22.1 33.1#

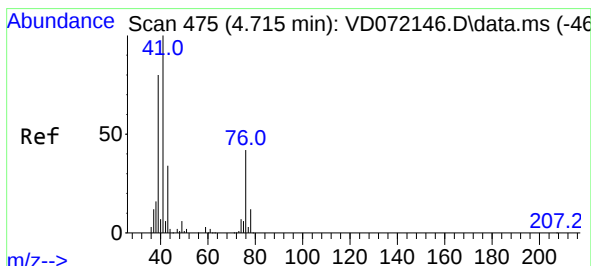
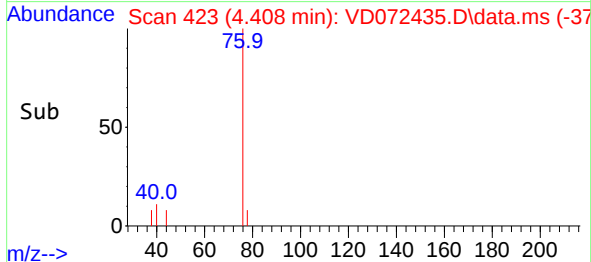
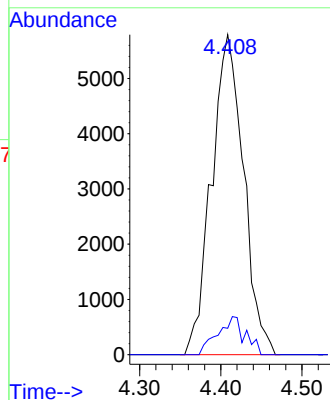
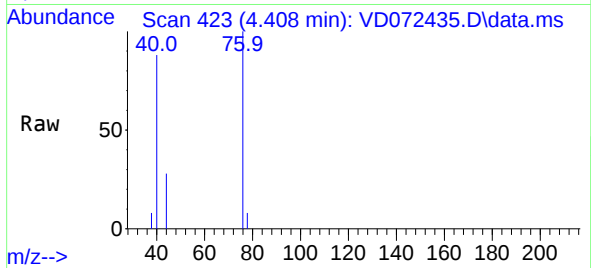




#17
Carbon Disulfide
Concen: 3.451 ug/l
RT: 4.408 min Scan# 41
Delta R.T. -0.001 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

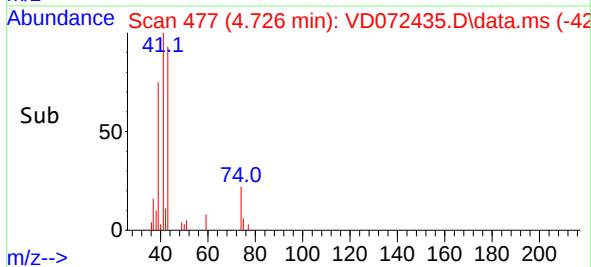
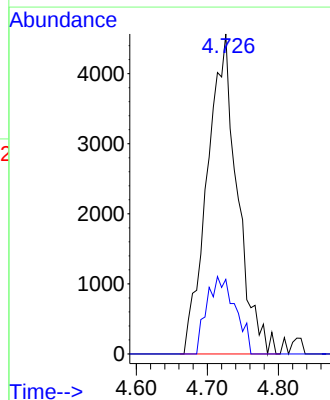
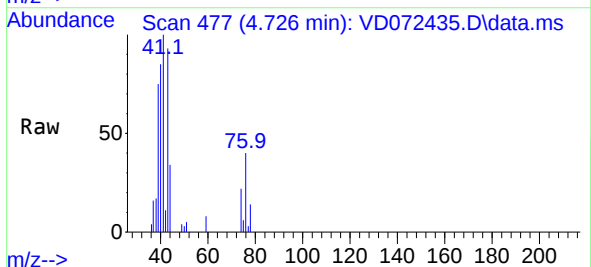
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

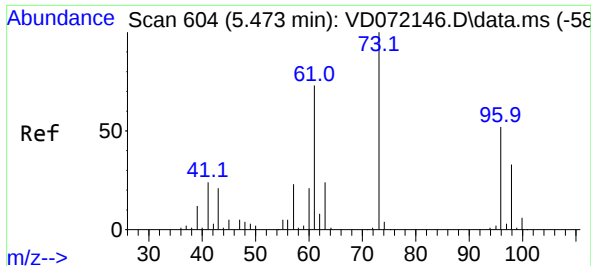
Tgt Ion: 76 Resp: 15872
Ion Ratio Lower Upper
76 100
78 8.2 7.5 11.3



#18
Methyl Acetate
Concen: 6.140 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.011 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 43 Resp: 13404
Ion Ratio Lower Upper
43 100
74 22.8 16.7 25.1

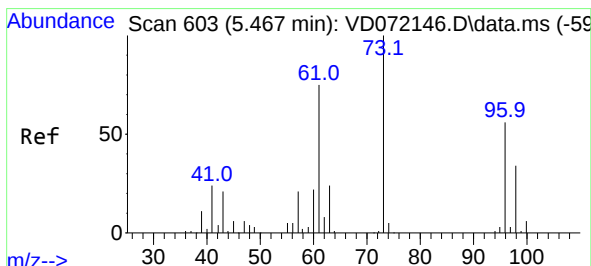
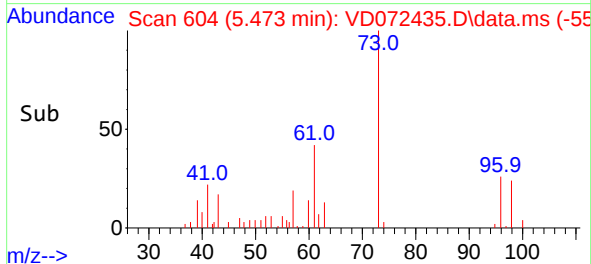
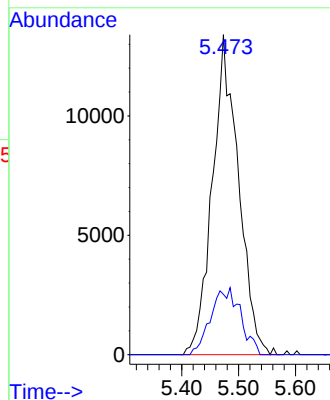
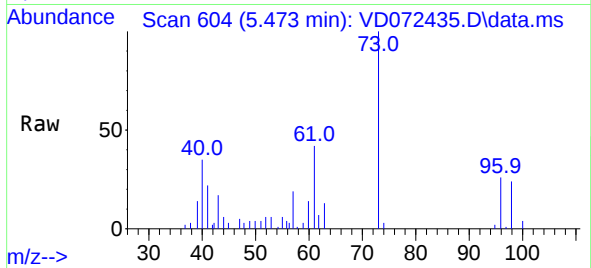




#19
Methyl tert-butyl Ether
Concen: 4.650 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

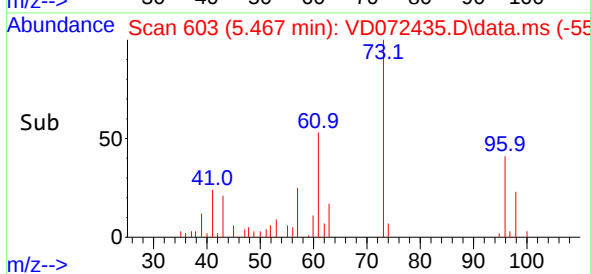
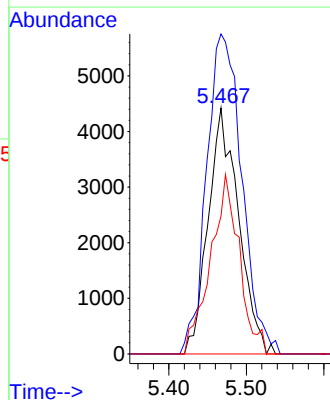
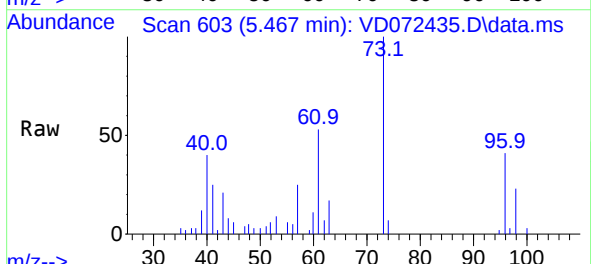
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

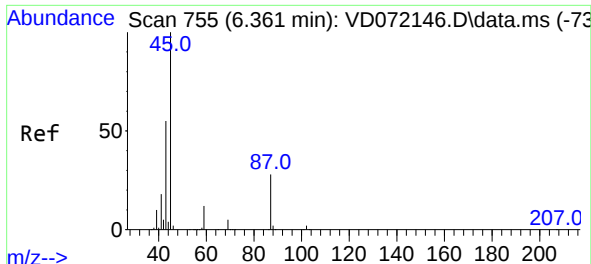
Tgt Ion: 73 Resp: 42763
Ion Ratio Lower Upper
73 100
57 18.8 18.0 27.0



#21
trans-1,2-Dichloroethene
Concen: 3.227 ug/l
RT: 5.467 min Scan# 603
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 96 Resp: 12078
Ion Ratio Lower Upper
96 100
61 130.1 117.9 176.9
98 56.1 49.4 74.2

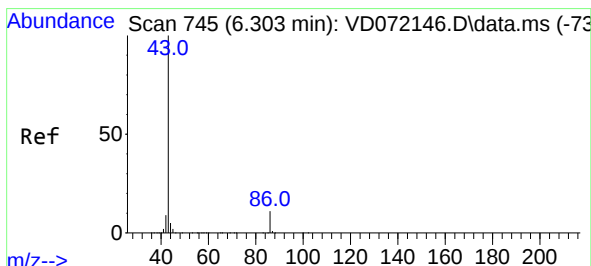
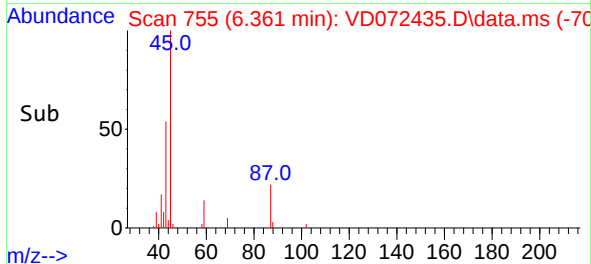
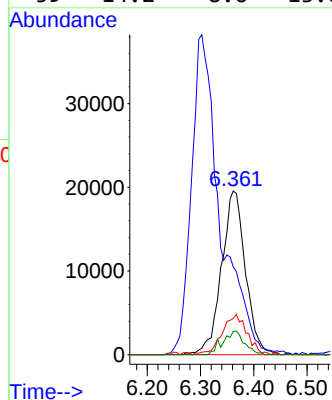
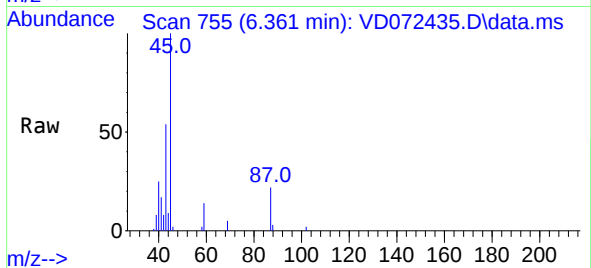




#22
Diisopropyl ether
Concen: 4.530 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

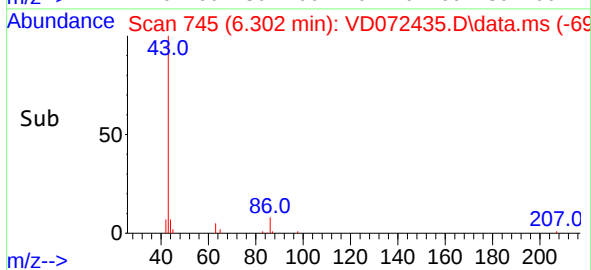
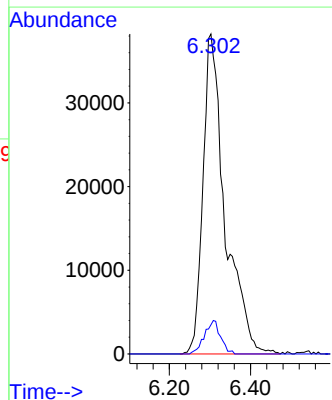
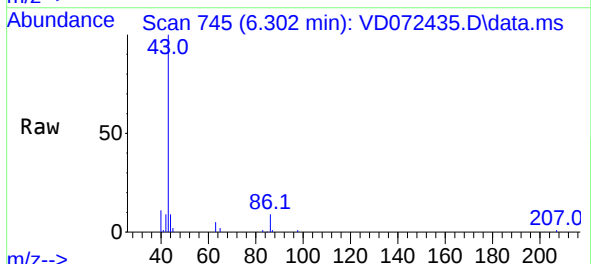
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

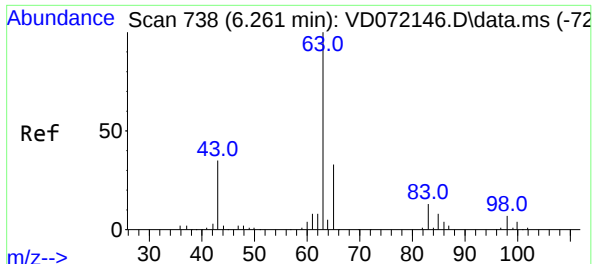
Tgt Ion:	45	Resp:	61131
Ion	Ratio	Lower	Upper
45	100		
43	51.9	46.6	70.0
87	22.1	18.4	27.6
59	14.2	8.6	13.0



#23
Vinyl Acetate
Concen: 20.971 ug/l
RT: 6.302 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	43	Resp:	144421
Ion	Ratio	Lower	Upper
43	100		
86	9.1	7.1	10.7

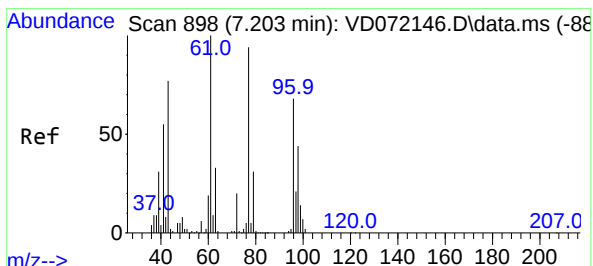
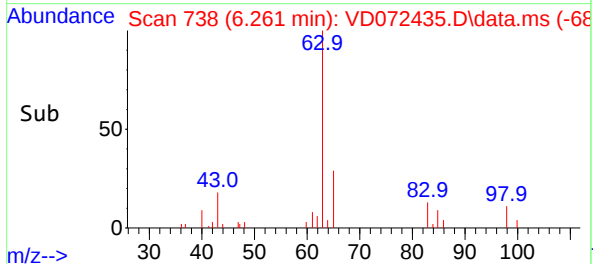
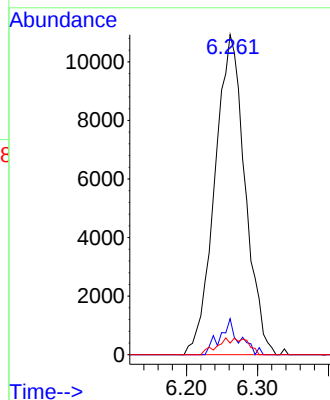
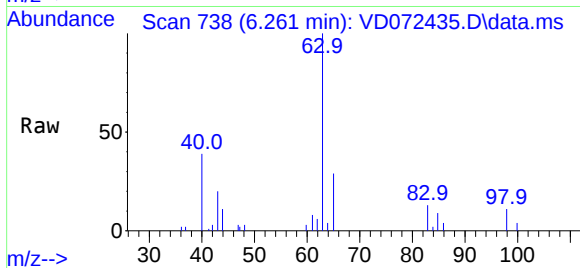




#24
1,1-Dichloroethane
Concen: 4.058 ug/l
RT: 6.261 min Scan# 71
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

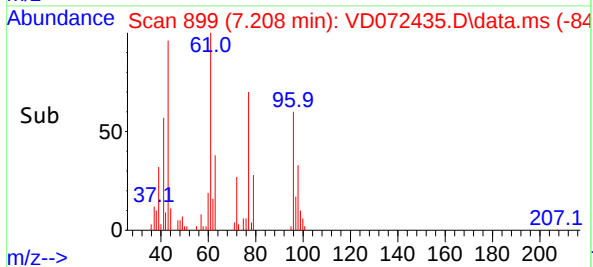
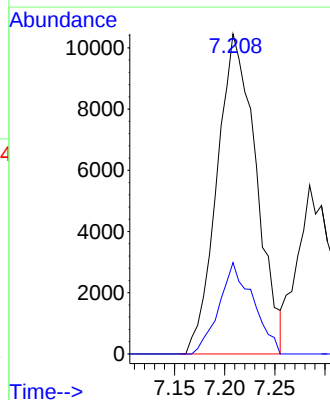
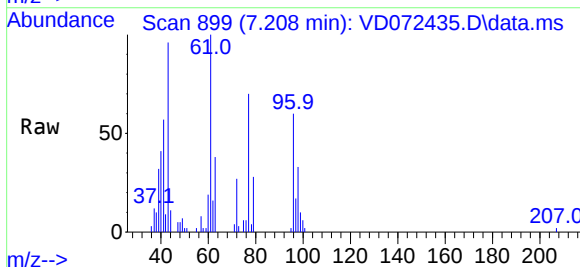
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

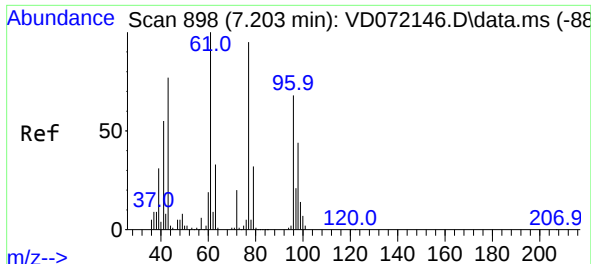
Tgt Ion: 63 Resp: 32297
Ion Ratio Lower Upper
63 100
98 11.2 3.6 10.9#
100 3.6 2.1 6.5



#25
2-Butanone
Concen: 23.892 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 43 Resp: 28378
Ion Ratio Lower Upper
43 100
72 28.5 18.6 27.8#





#26

2,2-Dichloropropane

Concen: 3.599 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

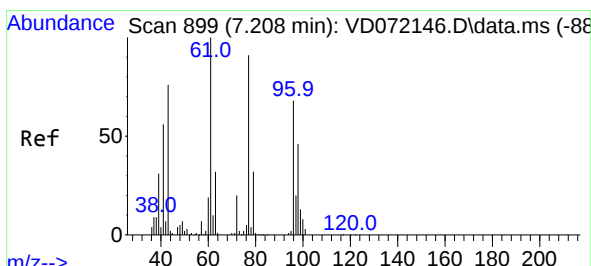
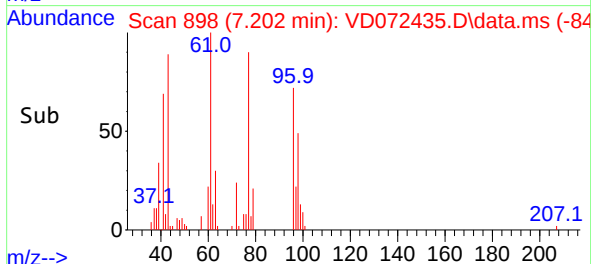
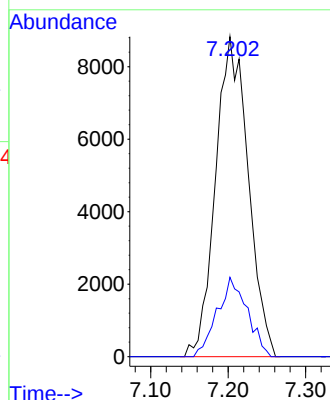
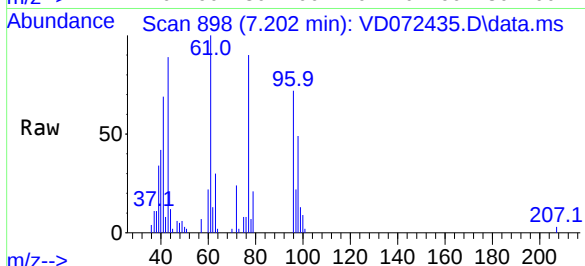
MDL-SOIL-03-QT1-2022

Tgt Ion: 77 Resp: 25845

Ion Ratio Lower Upper

77 100

97 22.8 10.8 32.4



#27

cis-1,2-Dichloroethene

Concen: 3.974 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

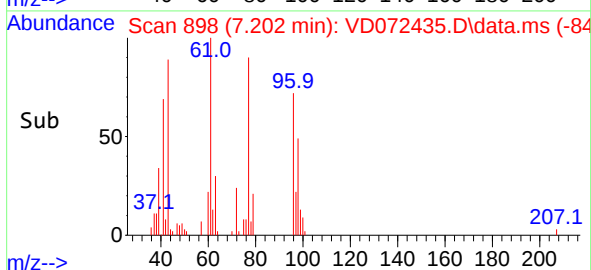
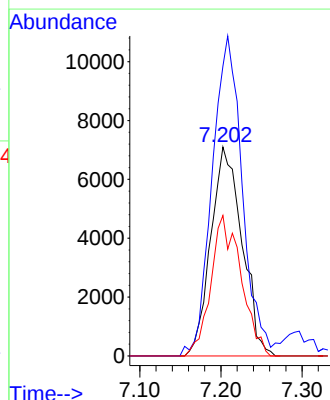
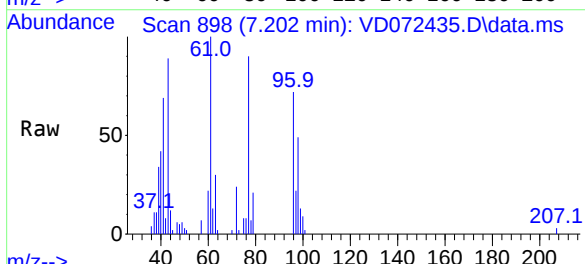
Tgt Ion: 96 Resp: 18986

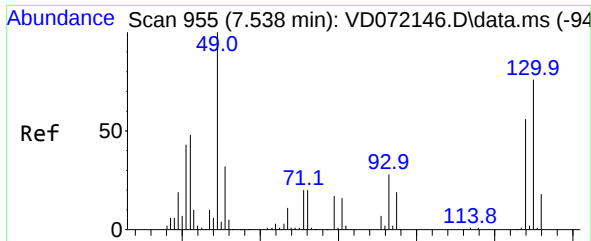
Ion Ratio Lower Upper

96 100

61 148.9 0.0 313.8

98 65.2 0.0 128.8

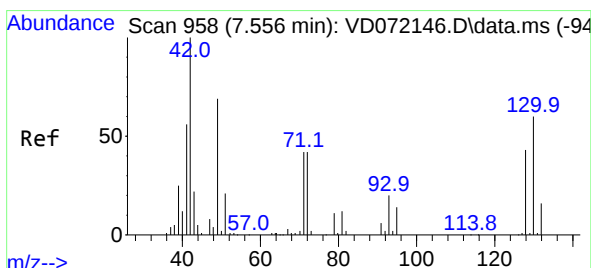
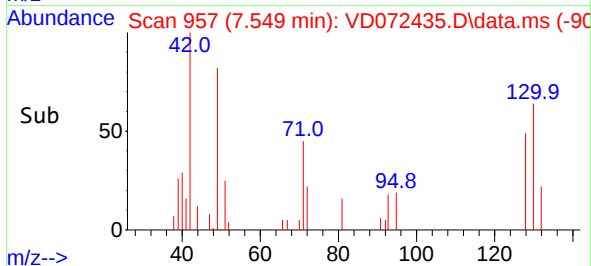
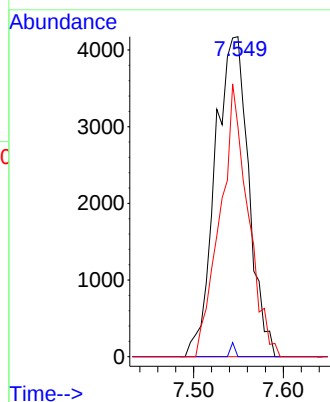
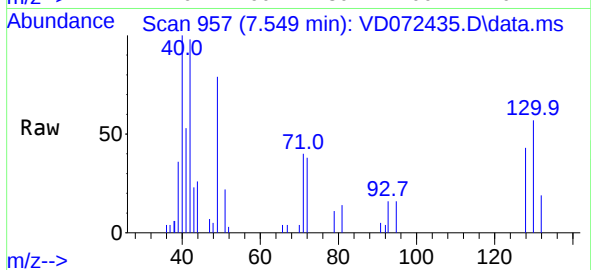




#28
Bromochloromethane
Concen: 3.380 ug/l
RT: 7.549 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

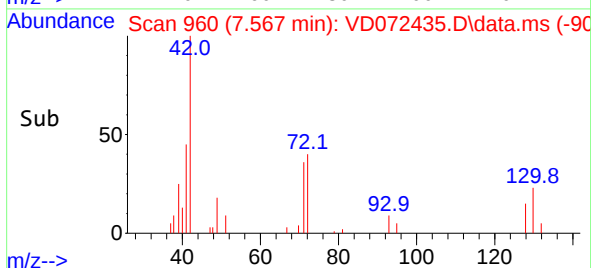
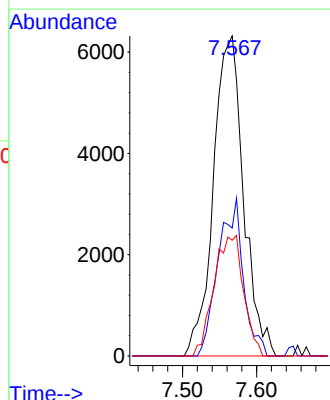
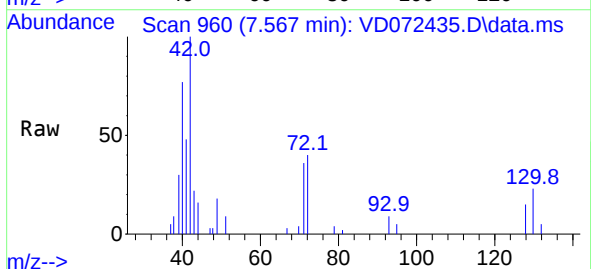
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

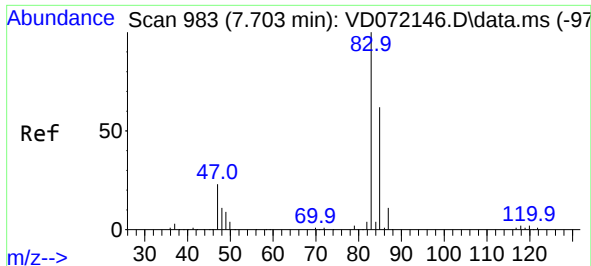
Tgt Ion: 49 Resp: 10830
Ion Ratio Lower Upper
49 100
129 0.6 0.0 4.0
130 71.1 52.6 79.0



#29
Tetrahydrofuran
Concen: 25.589 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.012 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 42 Resp: 17872
Ion Ratio Lower Upper
42 100
72 41.1 30.7 46.1
71 37.0 28.6 43.0





#30

Chloroform

Concen: 4.478 ug/l

RT: 7.708 min Scan# 9

Delta R.T. 0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

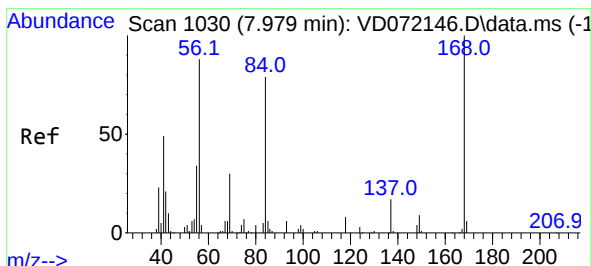
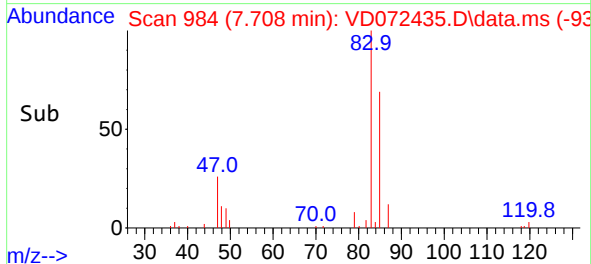
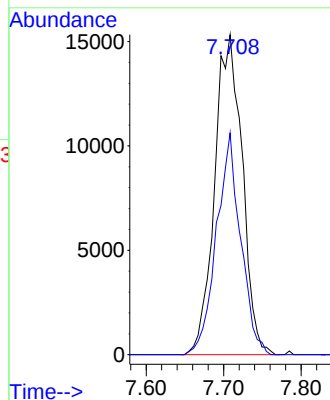
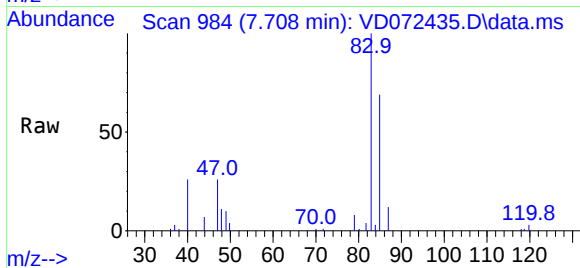
MDL-SOIL-03-QT1-2022

Tgt Ion: 83 Resp: 37961

Ion Ratio Lower Upper

83 100

85 69.3 52.7 79.1



#31

Cyclohexane

Concen: 4.061 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

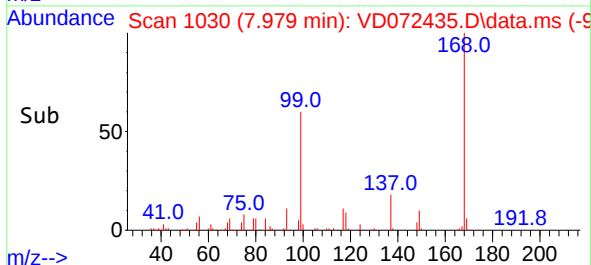
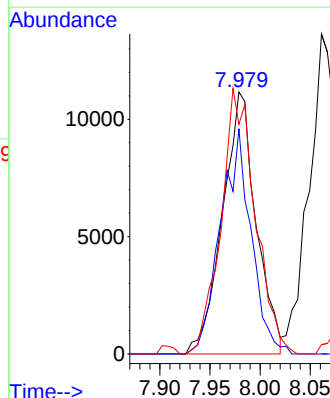
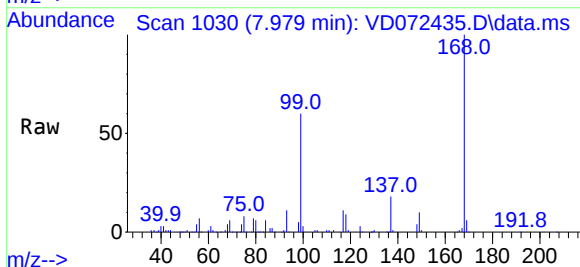
Tgt Ion: 56 Resp: 26030

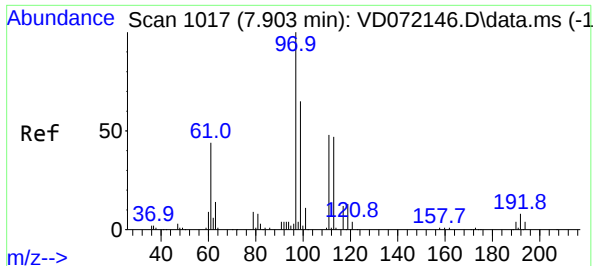
Ion Ratio Lower Upper

56 100

69 86.0 25.4 38.2#

84 87.7 63.0 94.4

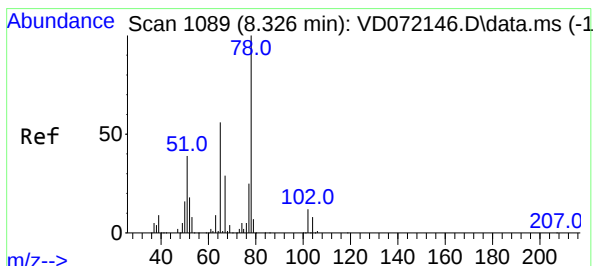
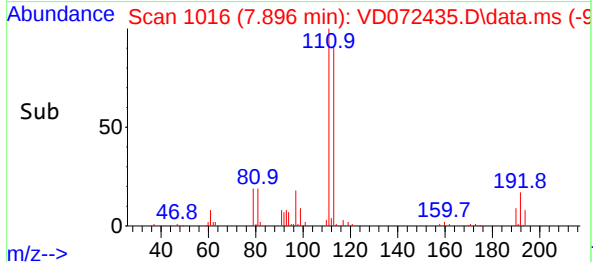
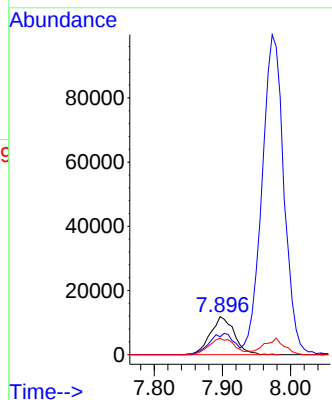
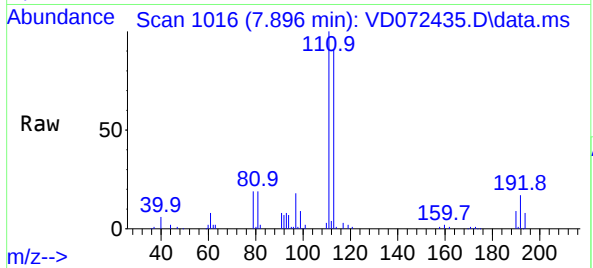




#32
1,1,1-Trichloroethane
Concen: 3.850 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

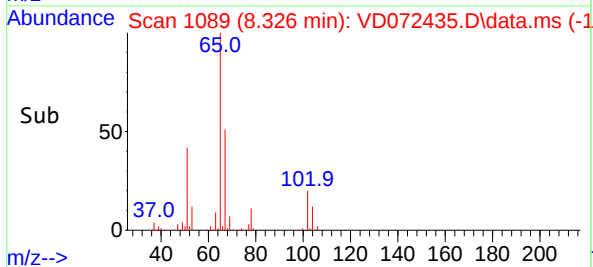
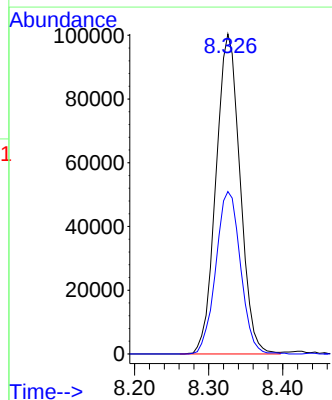
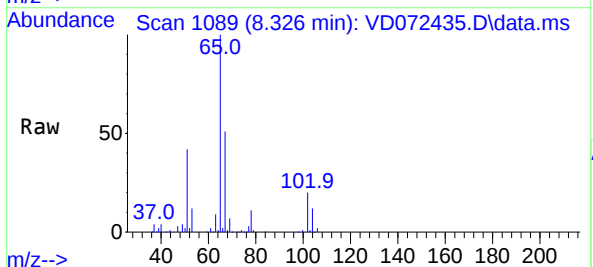
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

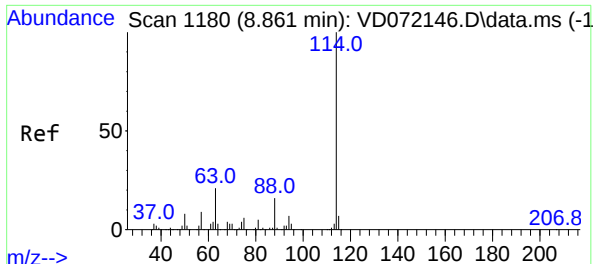
Tgt Ion:	97	Resp:	28989
Ion	Ratio	Lower	Upper
97	100		
99	56.9	52.4	78.6
61	47.5	38.0	57.0



#33
1,2-Dichloroethane-d4
Concen: 55.160 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	65	Resp:	226317
Ion	Ratio	Lower	Upper
65	100		
67	52.0	0.0	101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

MDL-SOIL-03-QT1-2022

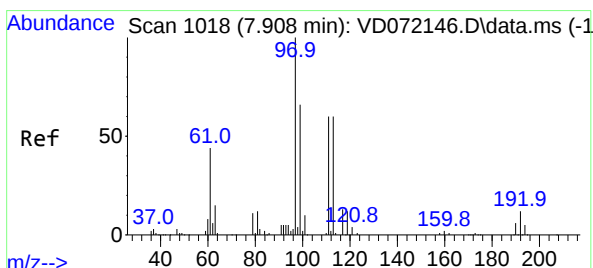
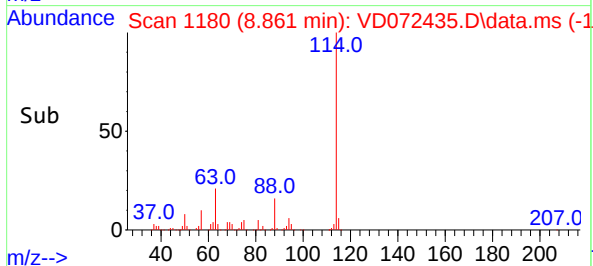
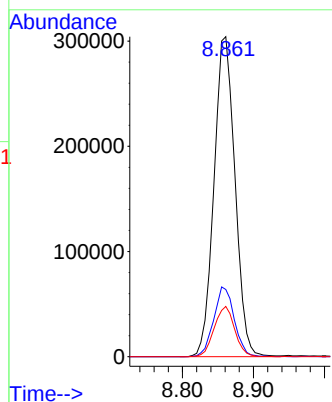
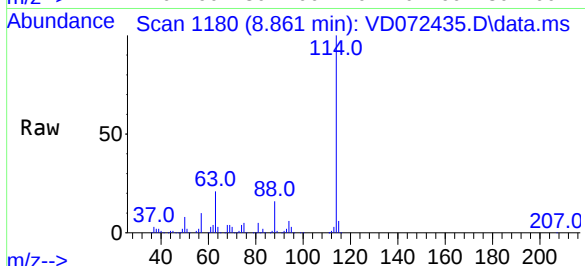
Tgt Ion:114 Resp: 625006

Ion Ratio Lower Upper

114 100

63 21.0 0.0 46.6

88 15.7 0.0 33.2



#35

Dibromofluoromethane

Concen: 50.611 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

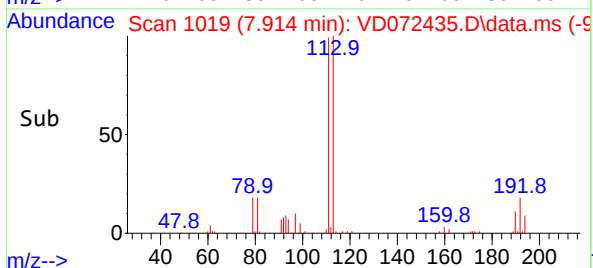
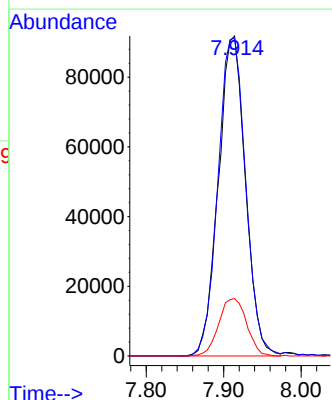
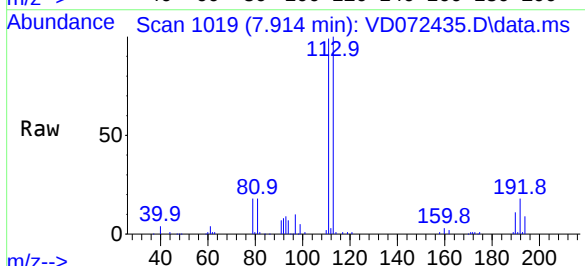
Tgt Ion:113 Resp: 222599

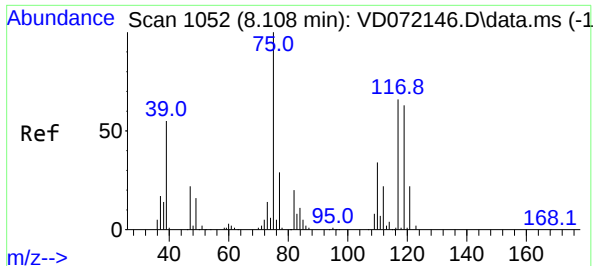
Ion Ratio Lower Upper

113 100

111 102.4 83.8 125.6

192 18.5 14.6 21.8

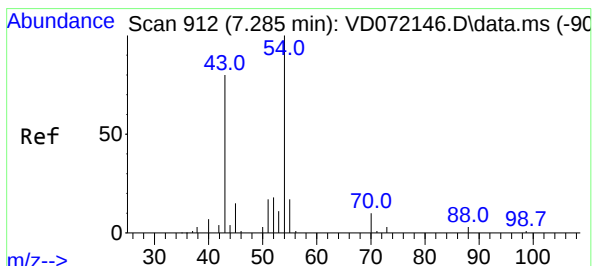
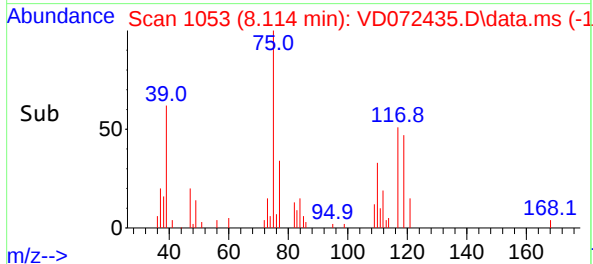
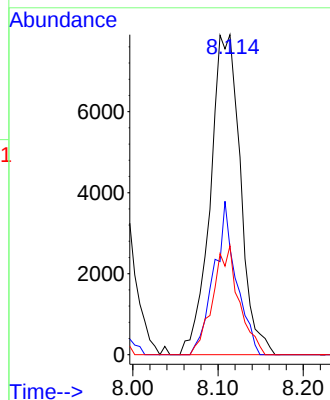
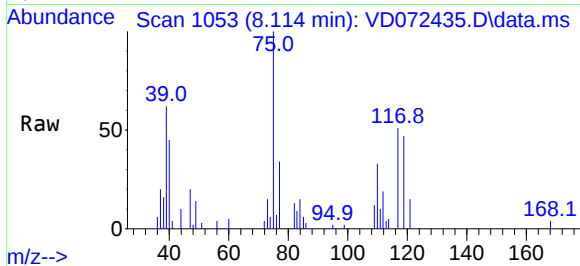




#36
1,1-Dichloropropene
Concen: 3.144 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

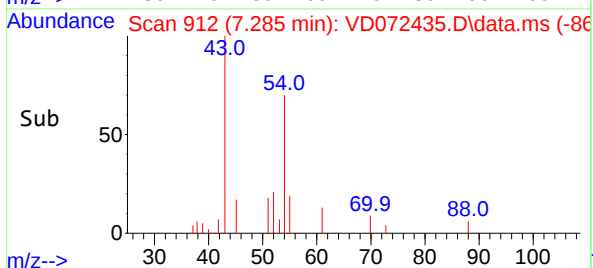
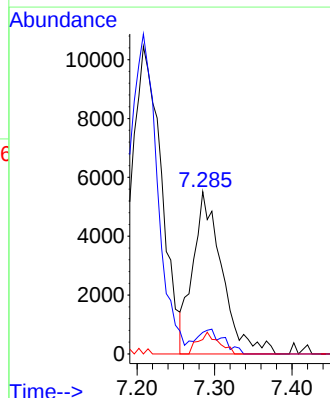
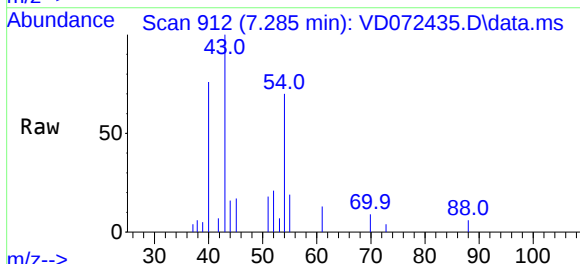
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

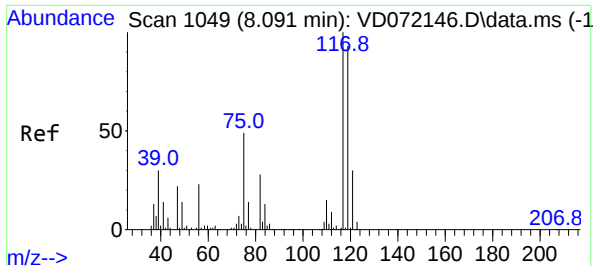
Tgt Ion:	75	Resp:	19396
Ion	Ratio	Lower	Upper
75	100		
110	35.7	16.4	49.1
77	29.6	24.2	36.2



#37
Ethyl Acetate
Concen: 5.340 ug/l
RT: 7.285 min Scan# 912
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	43	Resp:	14433
Ion	Ratio	Lower	Upper
43	100		
61	12.6	9.8	14.8
70	9.3	6.9	10.3

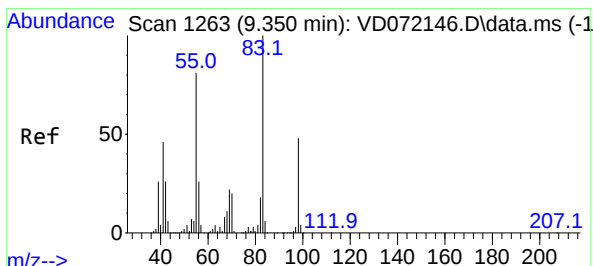
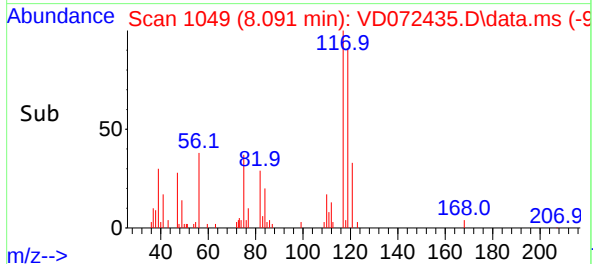
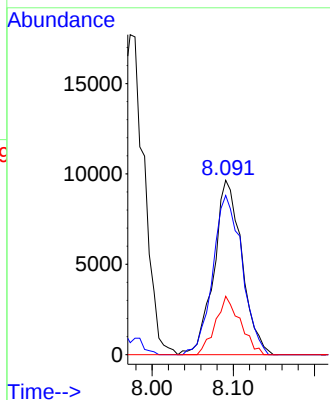
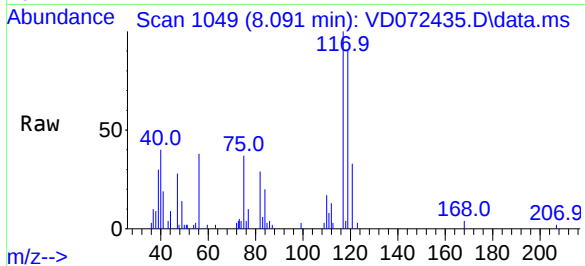




#38
Carbon Tetrachloride
Concen: 3.306 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

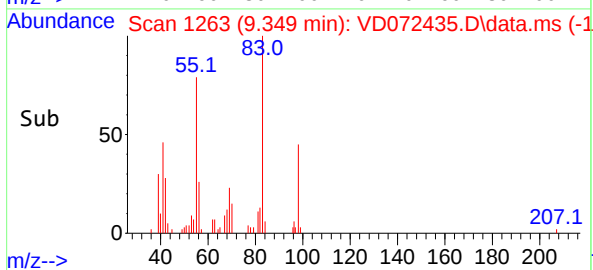
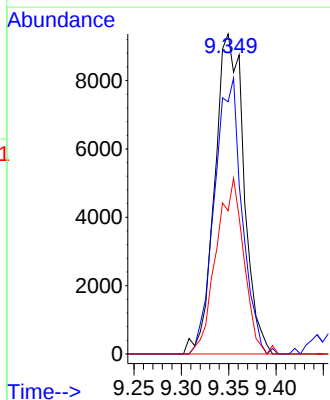
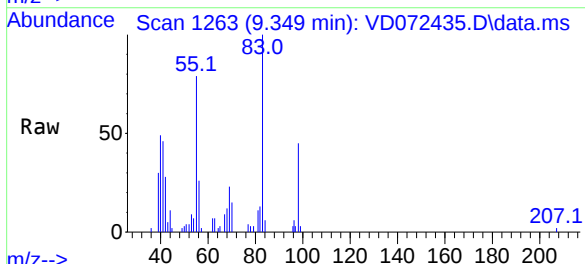
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

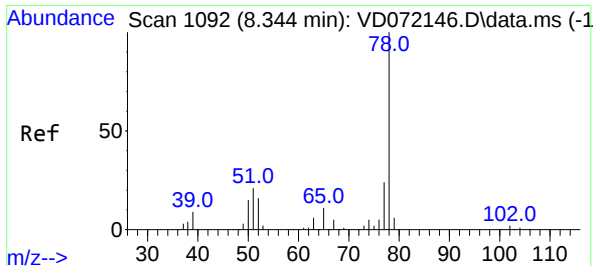
Tgt Ion:	117	Resp:	23187
Ion	Ratio	Lower	Upper
117	100		
119	91.3	75.8	113.6
121	33.5	24.5	36.7



#39
Methylcyclohexane
Concen: 2.875 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	83	Resp:	19962
Ion	Ratio	Lower	Upper
83	100		
55	78.8	63.2	94.8
98	44.7	38.2	57.4

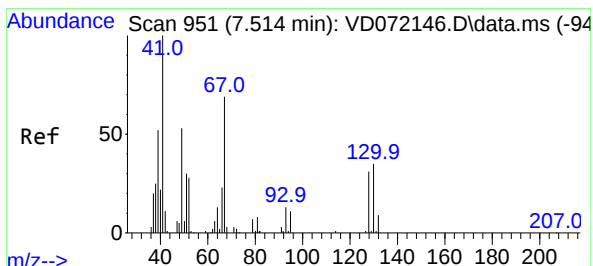
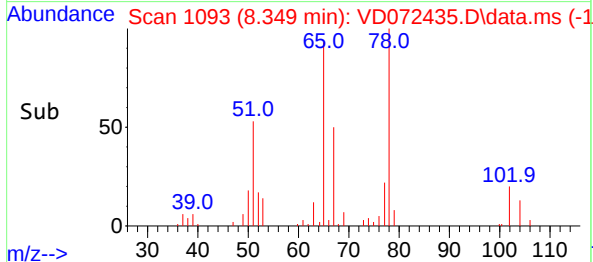
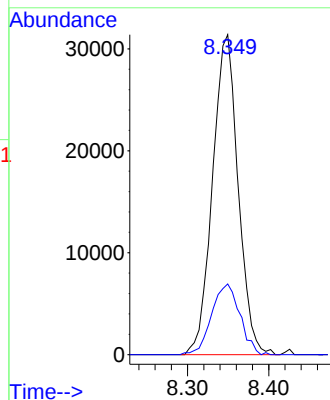
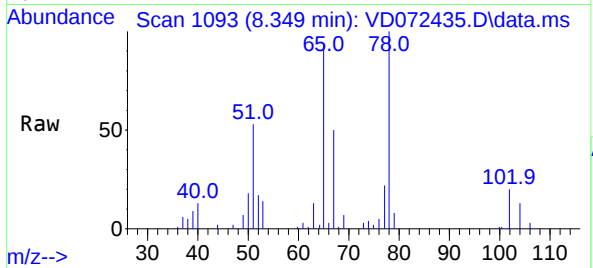




#40
Benzene
Concen: 3.901 ug/l
RT: 8.349 min Scan# 1093
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

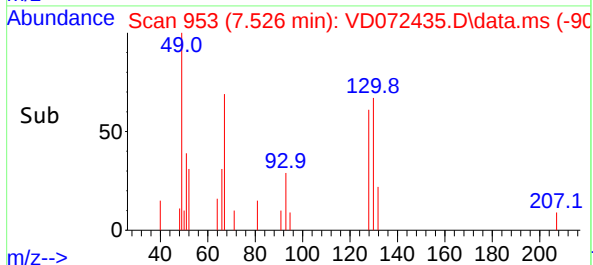
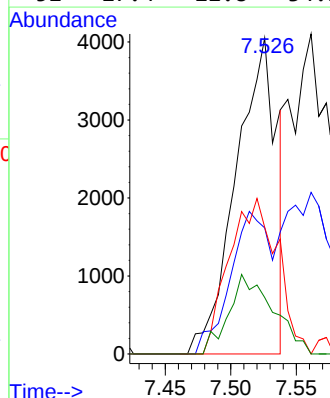
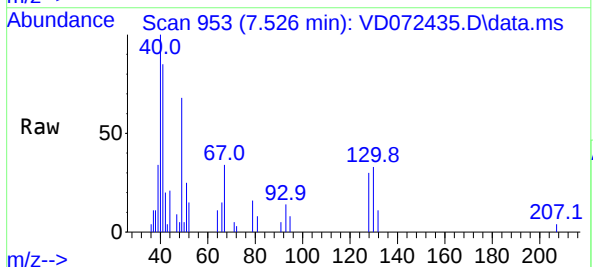
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

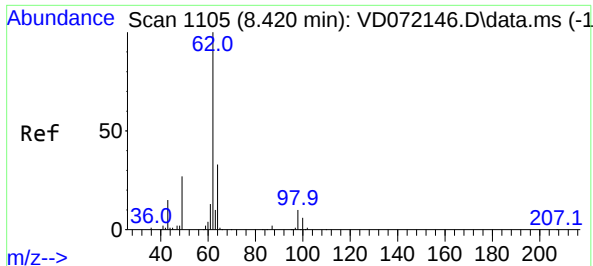
Tgt Ion: 78 Resp: 68661
Ion Ratio Lower Upper
78 100
77 22.1 19.1 28.7



#41
Methacrylonitrile
Concen: 5.585 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.011 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 41 Resp: 8799
Ion Ratio Lower Upper
41 100
39 43.3 44.6 67.0#
67 58.1 48.2 72.4
52 27.4 22.8 34.2

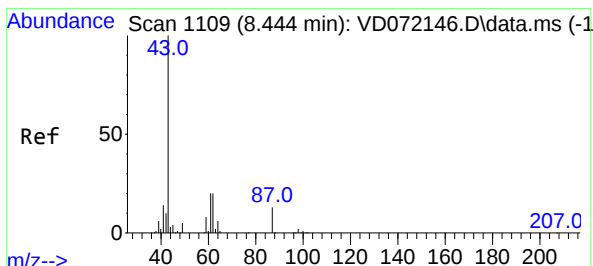
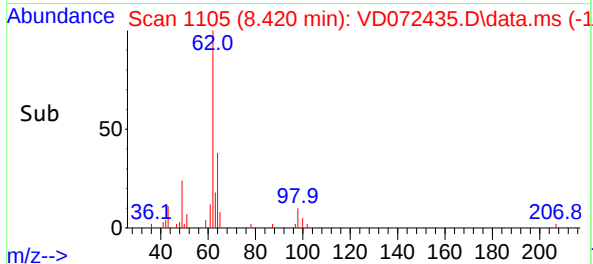
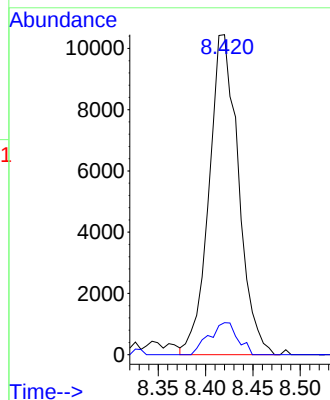
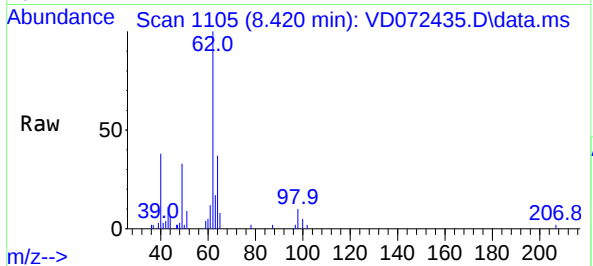




#42
1,2-Dichloroethane
Concen: 4.230 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

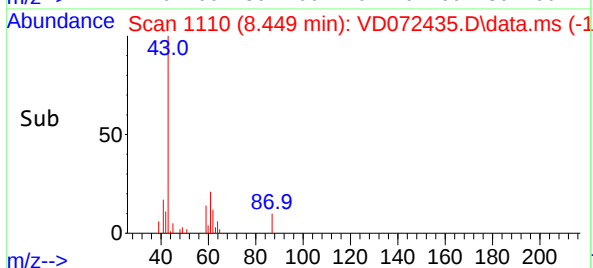
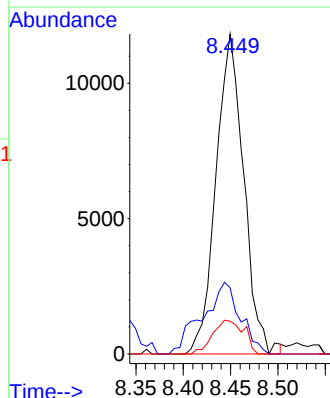
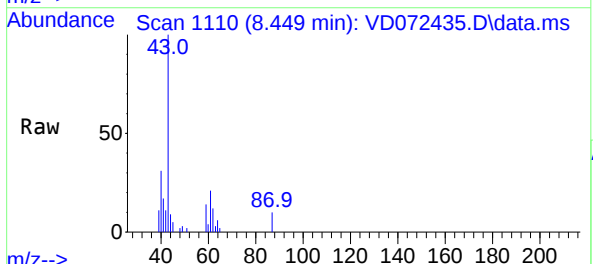
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

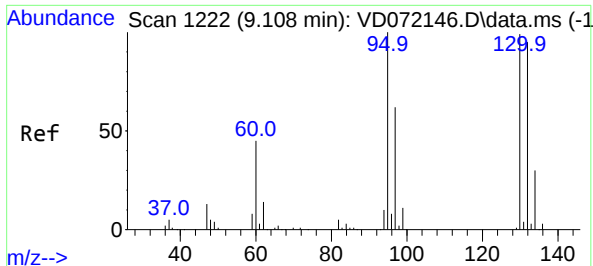
Tgt Ion: 62 Resp: 22588
Ion Ratio Lower Upper
62 100
98 9.8 0.0 17.6



#43
Isopropyl Acetate
Concen: 4.602 ug/l
RT: 8.449 min Scan# 1110
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 43 Resp: 24141
Ion Ratio Lower Upper
43 100
61 30.4 22.4 33.6
87 11.8 8.7 13.1

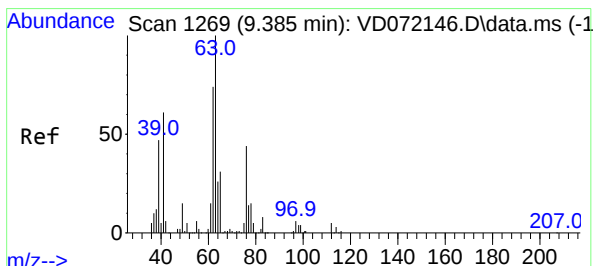
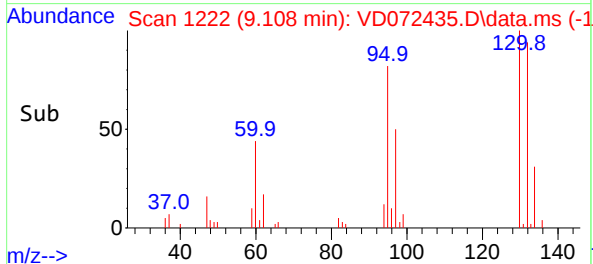
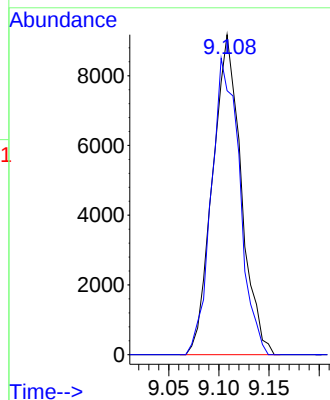
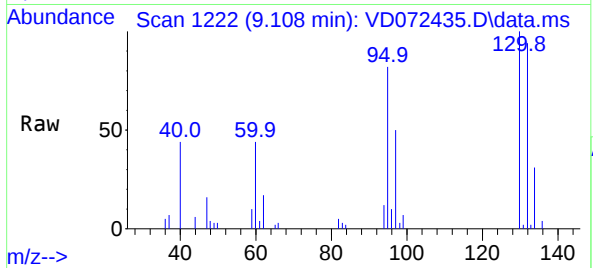




#44
Trichloroethene
Concen: 3.675 ug/l
RT: 9.108 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

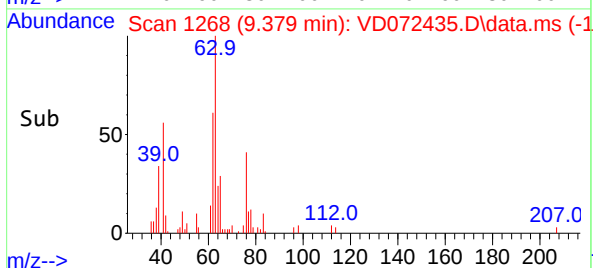
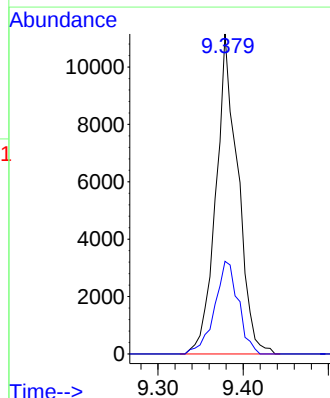
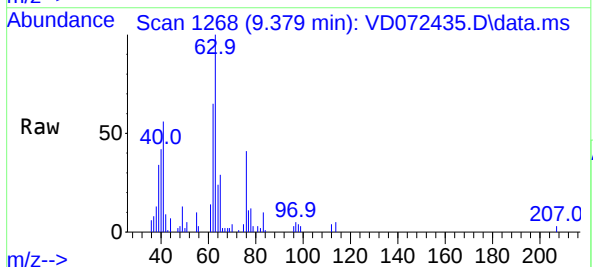
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

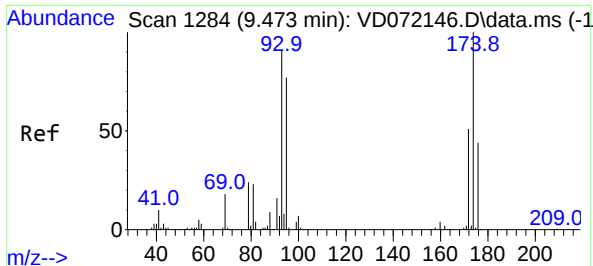
Tgt Ion:130 Resp: 18160
Ion Ratio Lower Upper
130 100
95 82.5 0.0 205.4



#45
1,2-Dichloropropane
Concen: 4.130 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 63 Resp: 19938
Ion Ratio Lower Upper
63 100
65 28.9 26.2 39.4

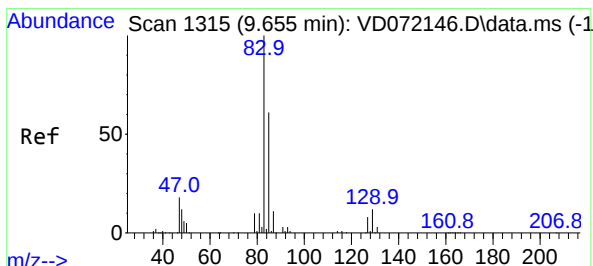
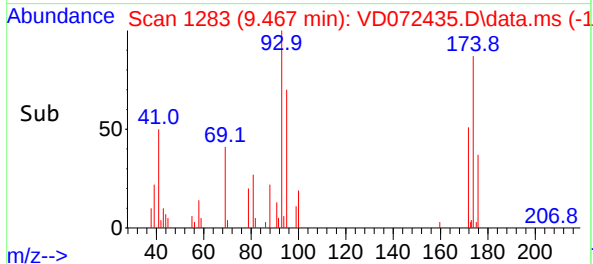
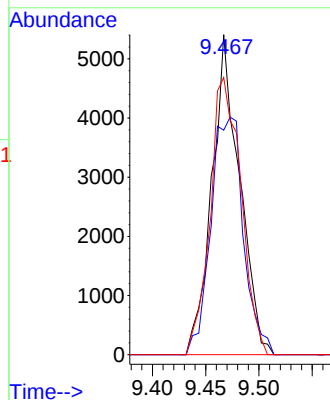
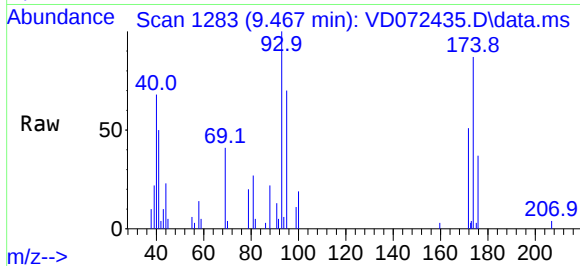




#46
Dibromomethane
Concen: 4.115 ug/l
RT: 9.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

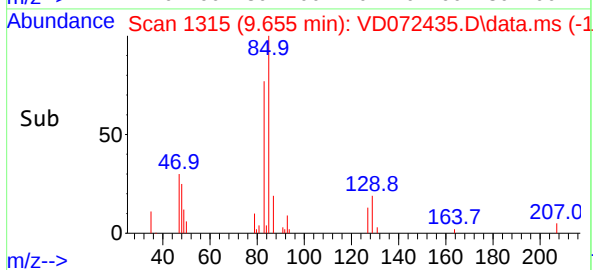
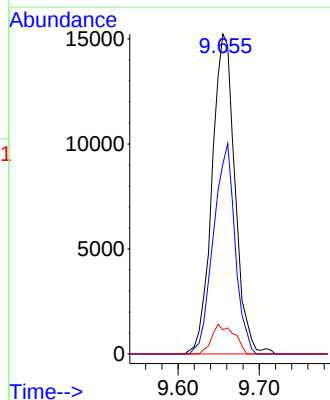
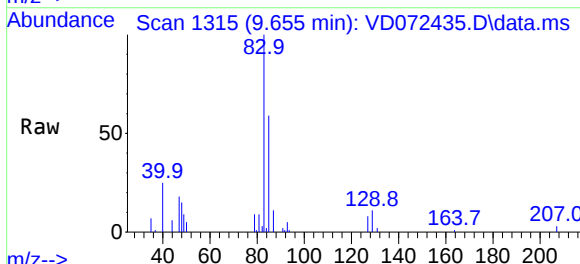
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

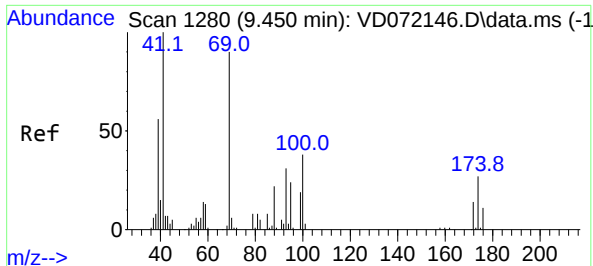
Tgt Ion:	93	Resp:	9772
Ion	Ratio	Lower	Upper
93	100		
95	87.7	66.7	100.1
174	96.2	71.6	107.4



#47
Bromodichloromethane
Concen: 4.309 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	83	Resp:	29832
Ion	Ratio	Lower	Upper
83	100		
85	59.5	51.4	77.0
127	7.6	6.1	9.1

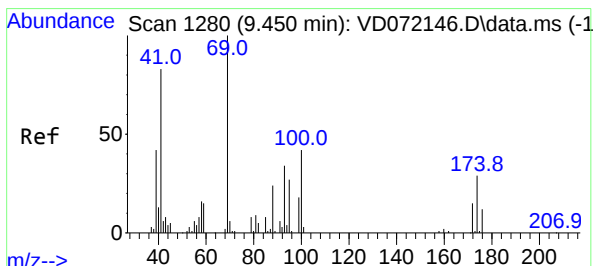
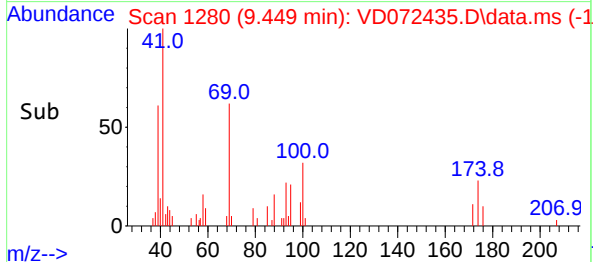
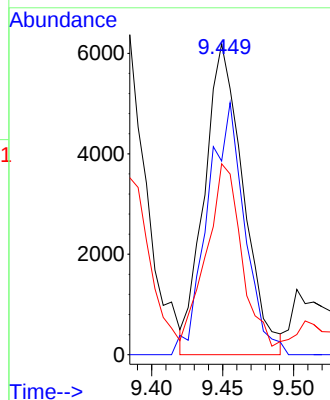
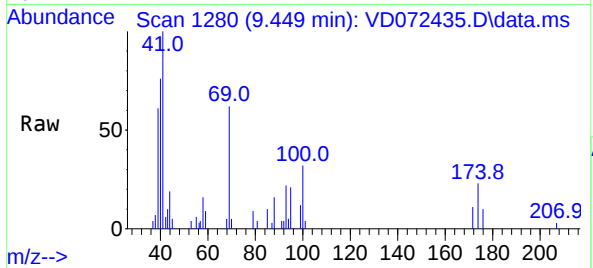




#48
Methyl methacrylate
Concen: 4.698 ug/l
RT: 9.449 min Scan# 11768
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

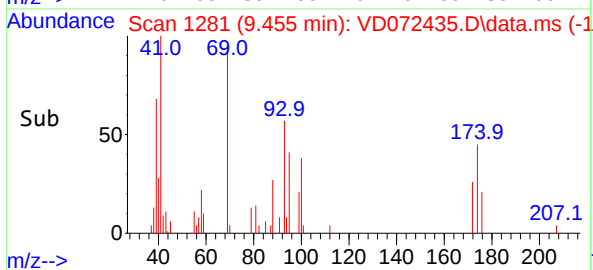
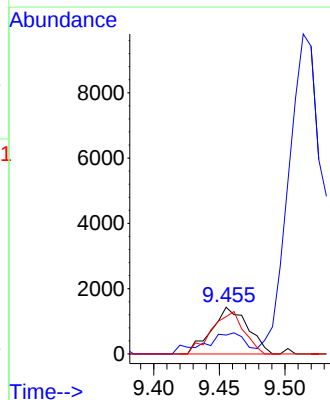
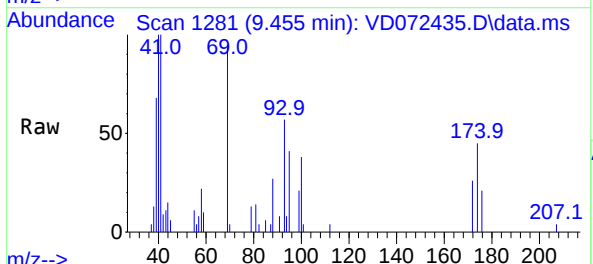
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

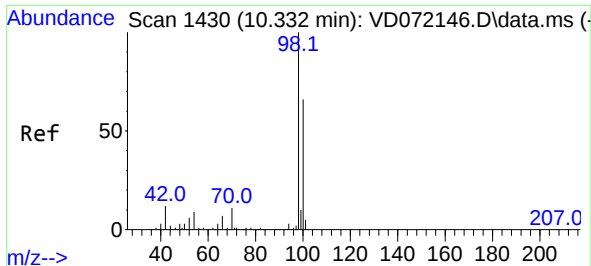
Tgt Ion:	41	Resp:	11768
Ion	Ratio	Lower	Upper
41	100		
69	77.7	56.7	85.1
39	58.5	42.7	64.1



#49
1,4-Dioxane
Concen: 96.429 ug/l
RT: 9.455 min Scan# 1281
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	88	Resp:	2746
Ion	Ratio	Lower	Upper
88	100		
43	51.2	31.0	46.4#
58	80.6	58.1	87.1

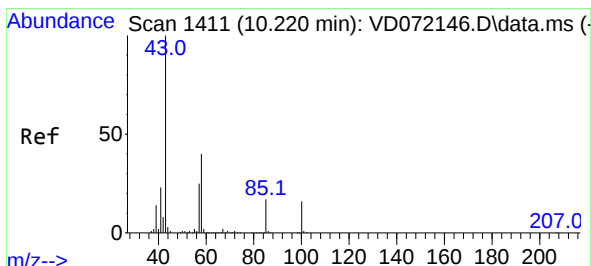
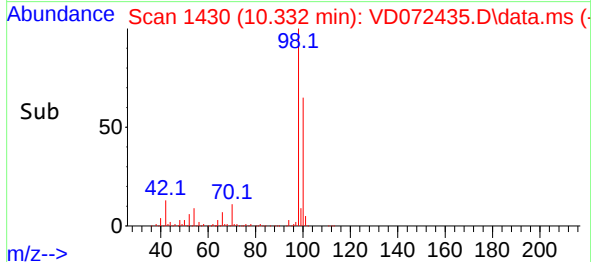
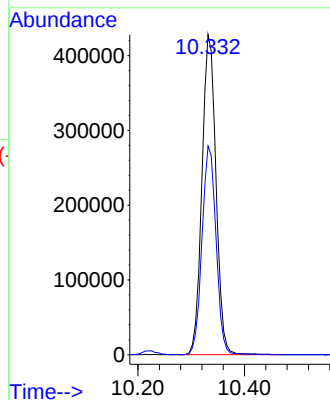
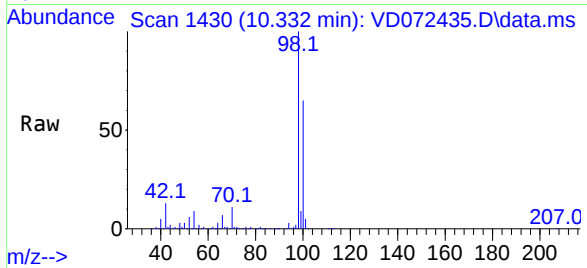




#50
Toluene-d8
Concen: 48.517 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

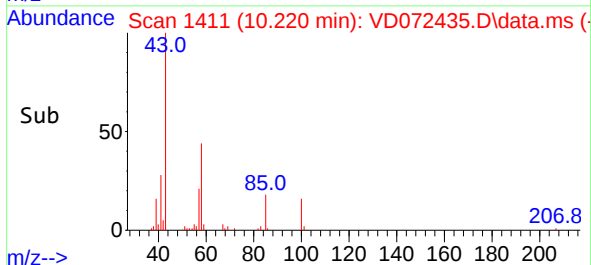
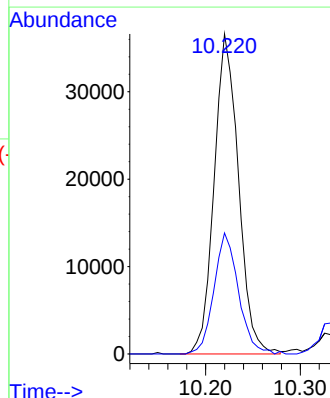
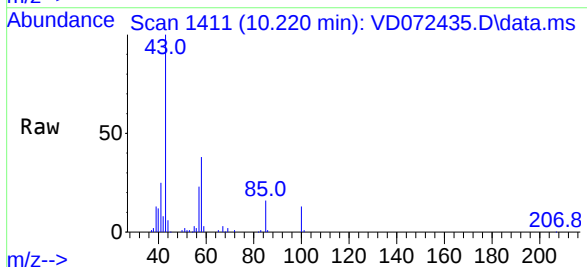
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

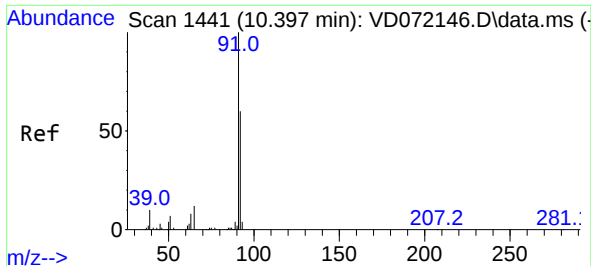
Tgt Ion: 98 Resp: 780249
Ion Ratio Lower Upper
98 100
100 65.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 23.707 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 43 Resp: 65319
Ion Ratio Lower Upper
43 100
58 38.2 28.6 43.0

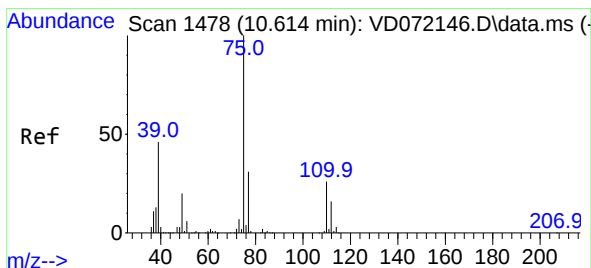
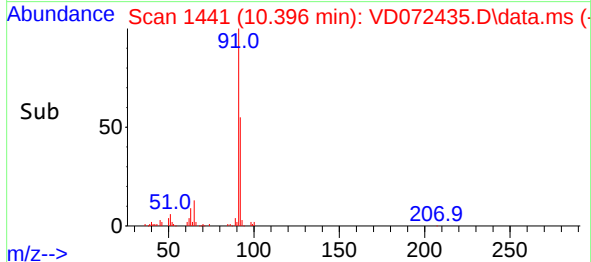
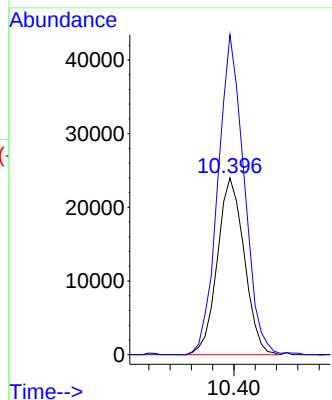
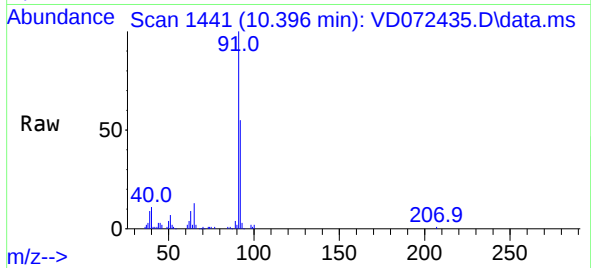




#52
Toluene
Concen: 3.631 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

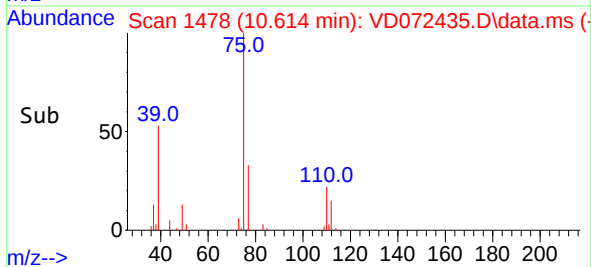
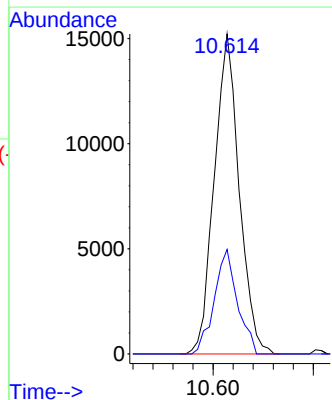
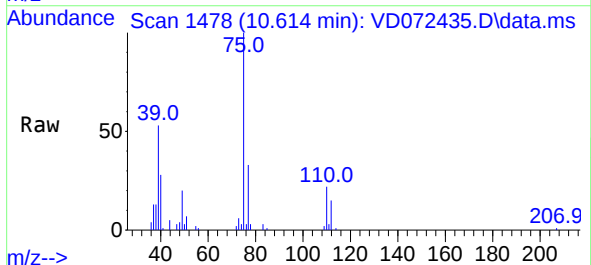
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

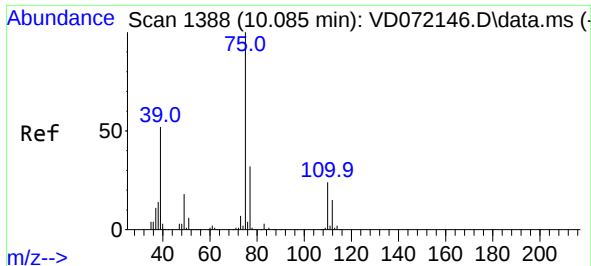
Tgt Ion: 92 Resp: 42052
Ion Ratio Lower Upper
92 100
91 177.1 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 4.147 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 75 Resp: 26230
Ion Ratio Lower Upper
75 100
77 32.6 24.5 36.7

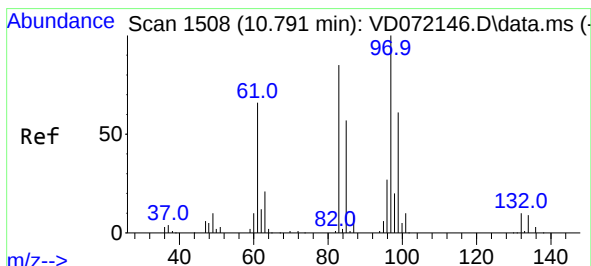
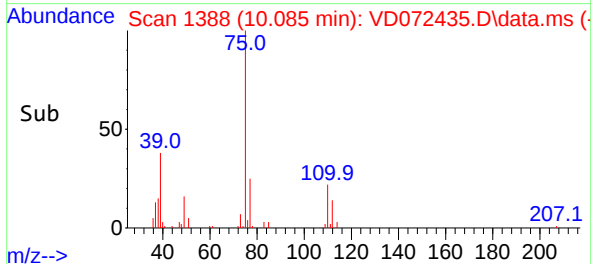
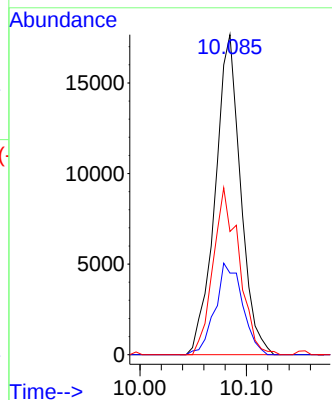
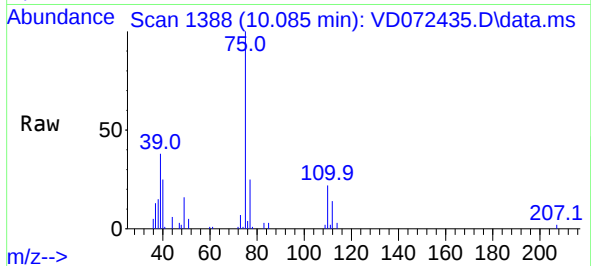




#54
cis-1,3-Dichloropropene
Concen: 4.010 ug/l
RT: 10.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

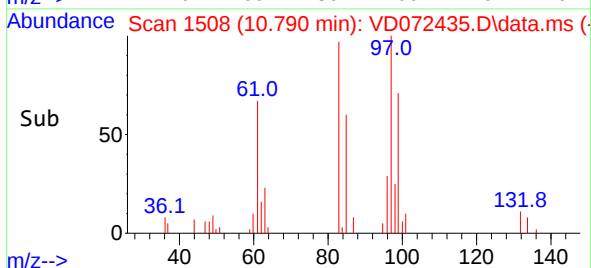
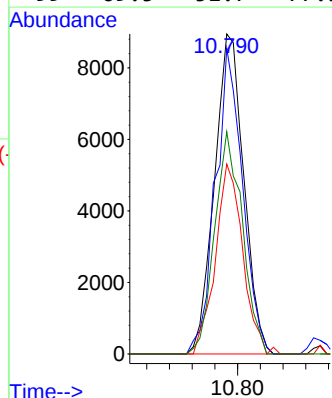
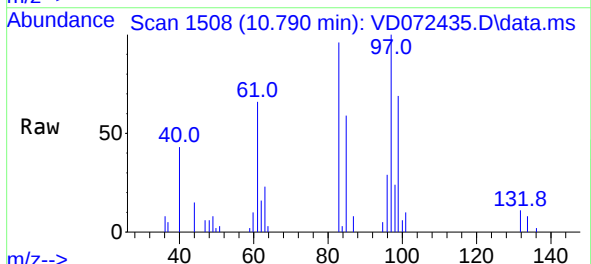
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

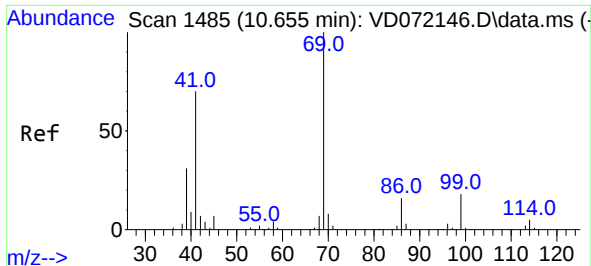
Tgt Ion: 75 Resp: 29323
Ion Ratio Lower Upper
75 100
77 25.5 24.8 37.2
39 38.5 46.8 70.2#



#55
1,1,2-Trichloroethane
Concen: 4.431 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 97 Resp: 16029
Ion Ratio Lower Upper
97 100
83 95.5 69.0 103.4
85 59.3 42.6 63.8
99 69.5 51.7 77.5

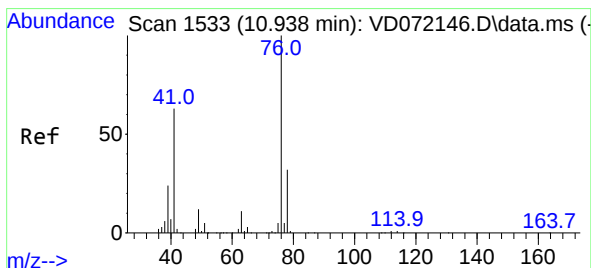
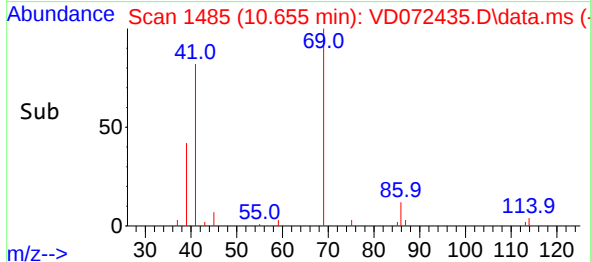
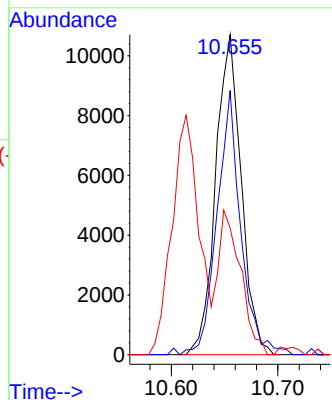
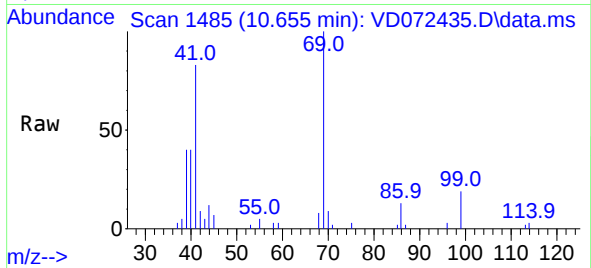




#56
Ethyl methacrylate
Concen: 4.211 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

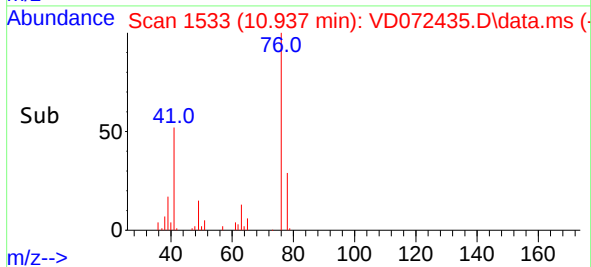
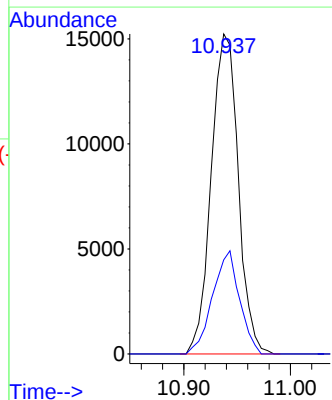
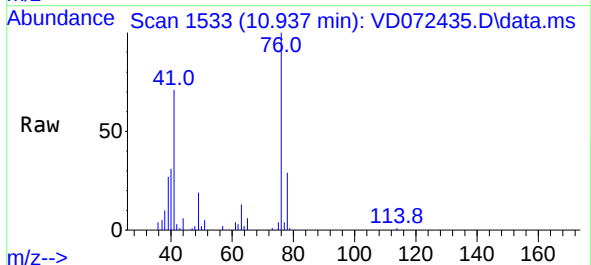
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

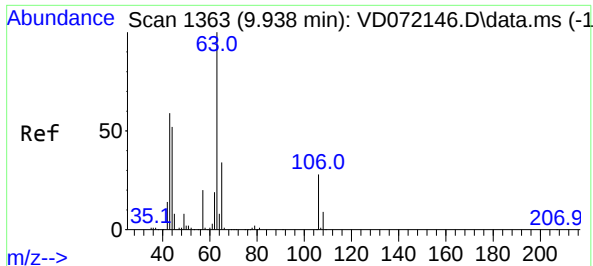
Tgt Ion:	69	Resp:	17843
Ion	Ratio	Lower	Upper
69	100		
41	76.4	63.0	94.6
39	39.5	33.8	50.8



#57
1,3-Dichloropropane
Concen: 4.420 ug/l
RT: 10.937 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:	76	Resp:	26833
Ion	Ratio	Lower	Upper
76	100		
78	32.1	26.0	39.0





#58

2-Chloroethyl Vinyl ether

Concen: 16.279 ug/l

RT: 9.938 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072435.D

Acq: 25 Mar 2022 18:06

Instrument :

MSVOA_D

ClientSampleId :

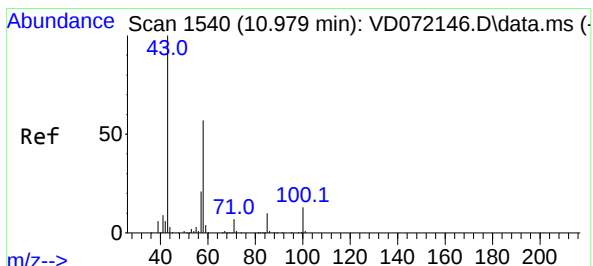
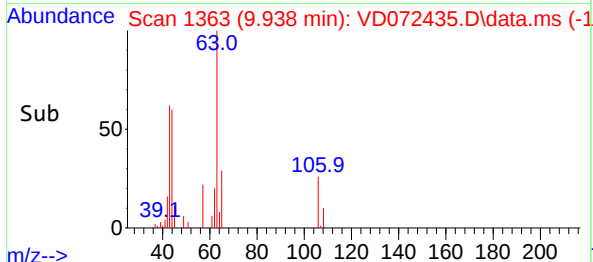
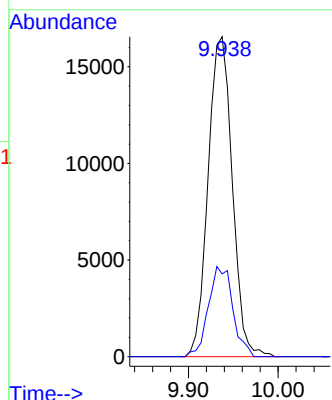
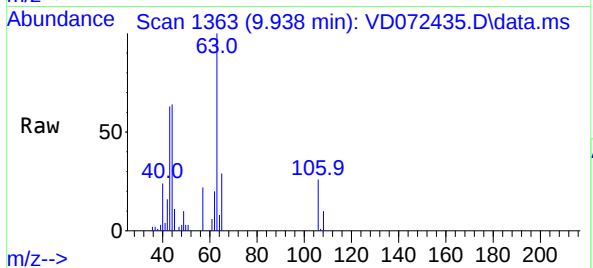
MDL-SOIL-03-QT1-2022

Tgt Ion: 63 Resp: 31013

Ion Ratio Lower Upper

63 100

106 28.4 21.4 32.0



#59

2-Hexanone

Concen: 22.937 ug/l

RT: 10.979 min Scan# 1540

Delta R.T. -0.000 min

Lab File: VD072435.D

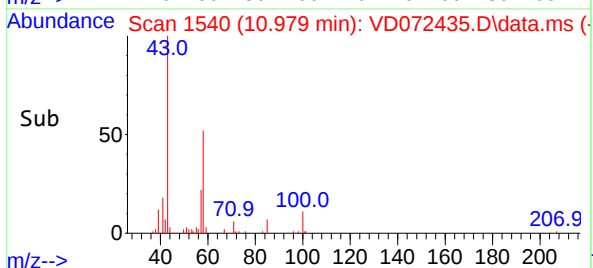
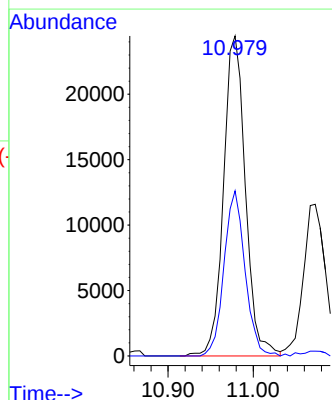
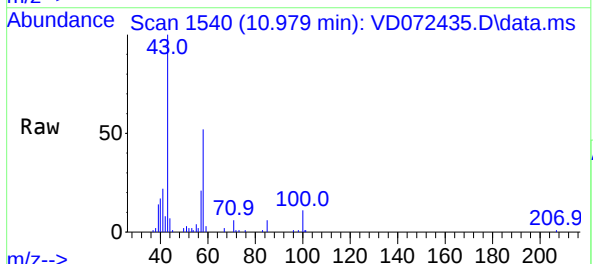
Acq: 25 Mar 2022 18:06

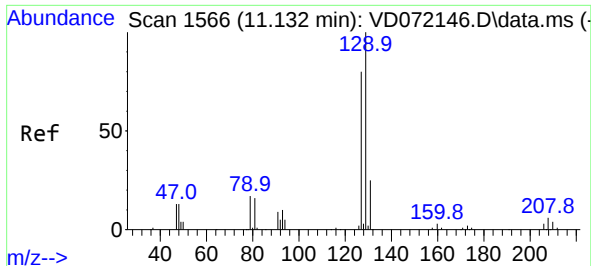
Tgt Ion: 43 Resp: 43649

Ion Ratio Lower Upper

43 100

58 49.5 25.3 75.9

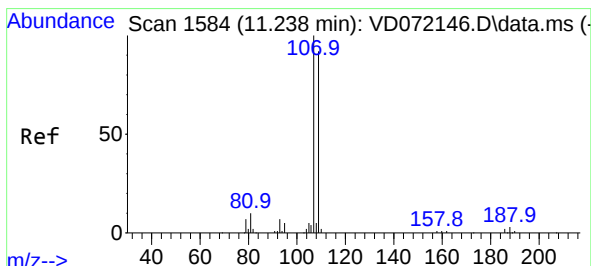
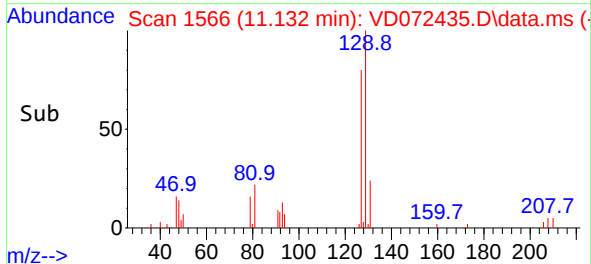
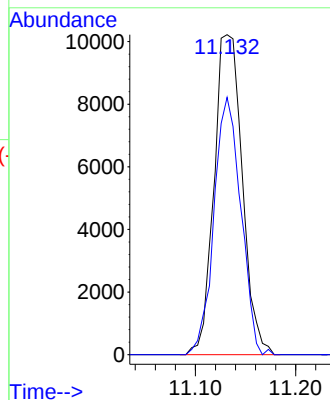
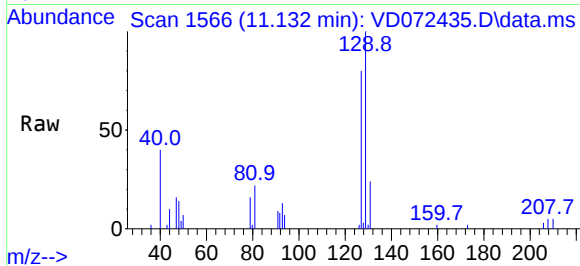




#60
Dibromochloromethane
Concen: 4.269 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

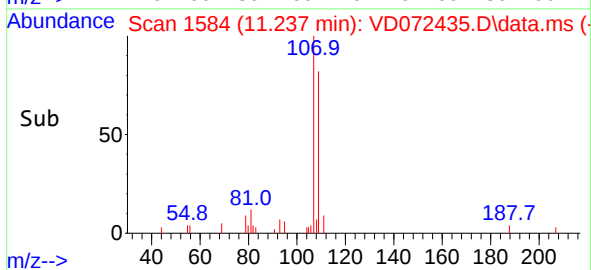
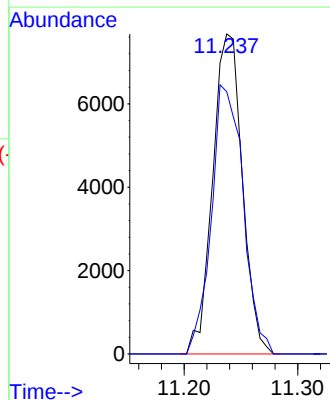
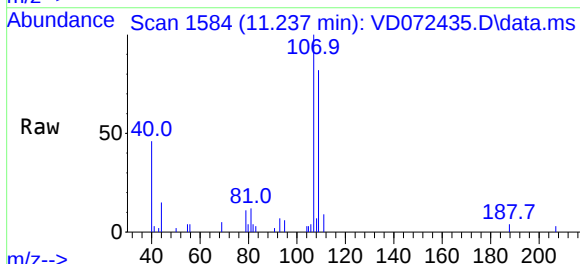
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

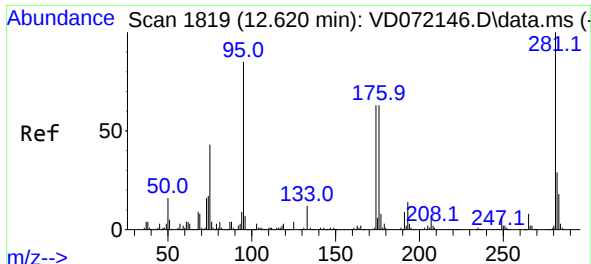
Tgt Ion:129 Resp: 20041
Ion Ratio Lower Upper
129 100
127 76.4 39.2 117.6



#61
1,2-Dibromoethane
Concen: 4.268 ug/l
RT: 11.237 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:107 Resp: 13950
Ion Ratio Lower Upper
107 100
109 89.7 74.2 111.4

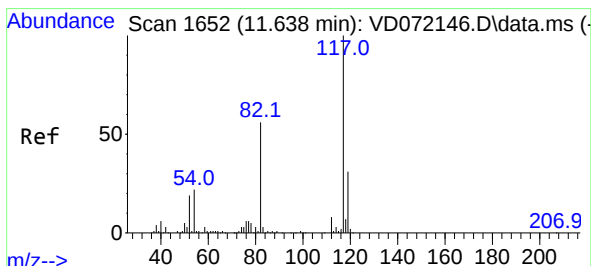
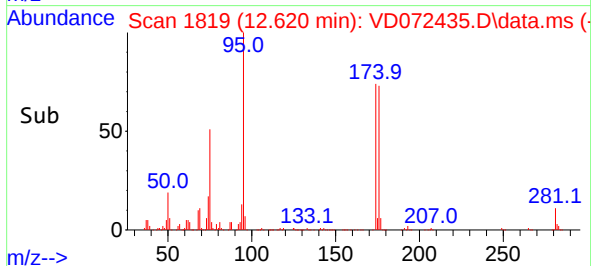
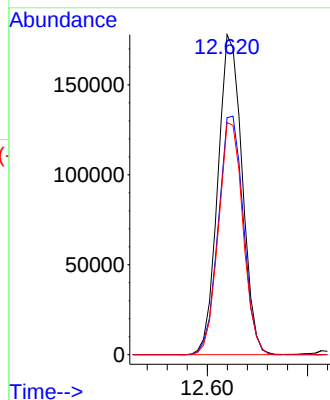
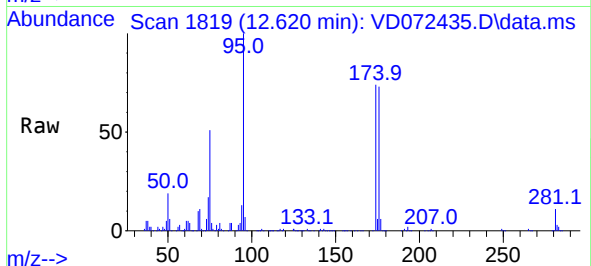




#62
4-Bromofluorobenzene
Concen: 47.795 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

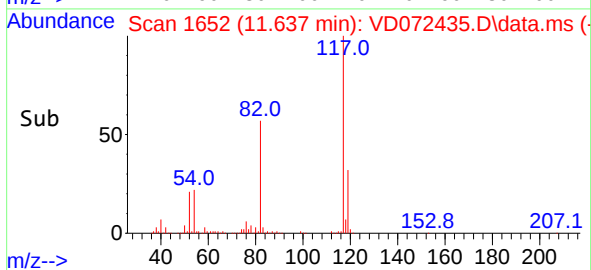
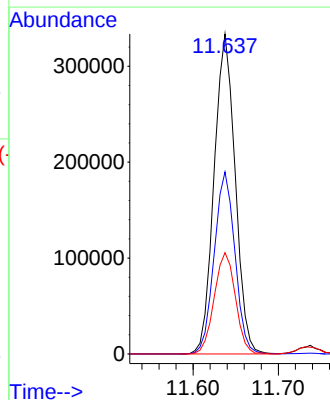
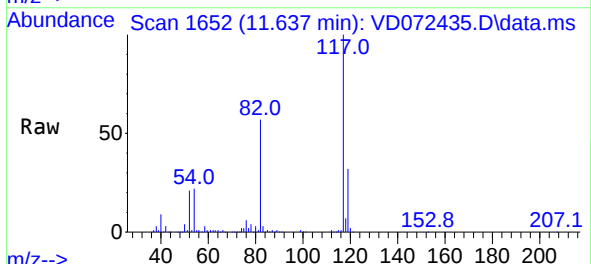
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

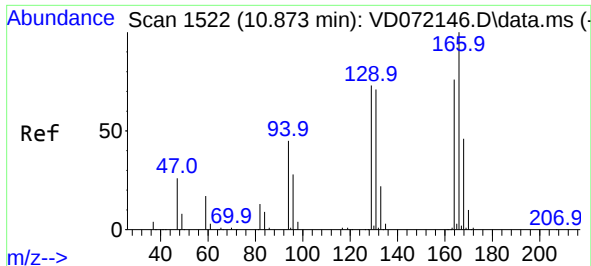
Tgt Ion: 95 Resp: 298660
Ion Ratio Lower Upper
95 100
174 76.9 0.0 152.8
176 73.4 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 117 Resp: 574276
Ion Ratio Lower Upper
117 100
82 56.9 45.3 67.9
119 31.6 26.6 40.0

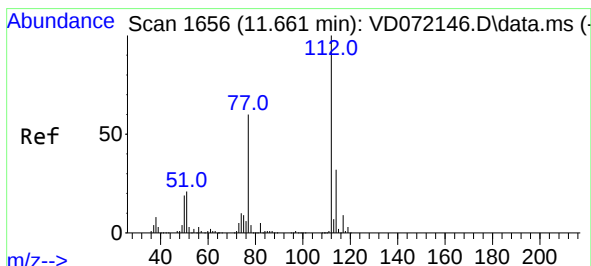
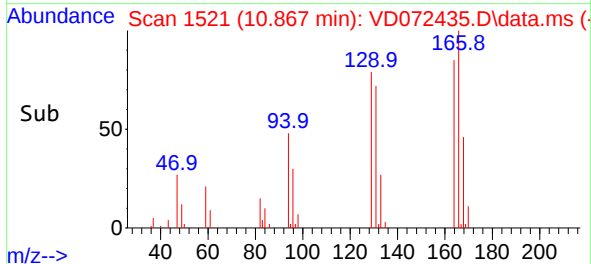
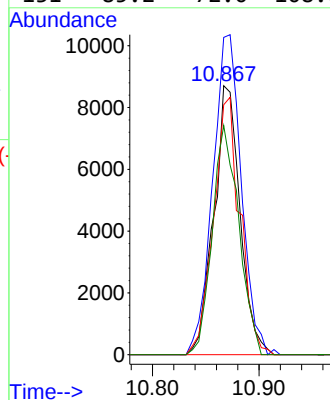
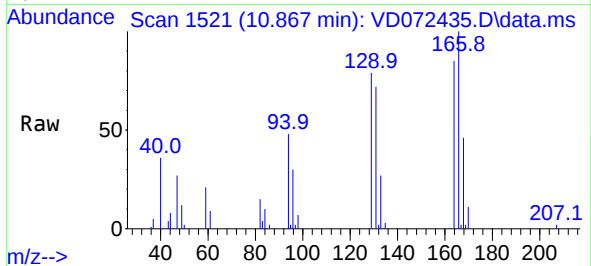




#64
Tetrachloroethene
Concen: 3.686 ug/l
RT: 10.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

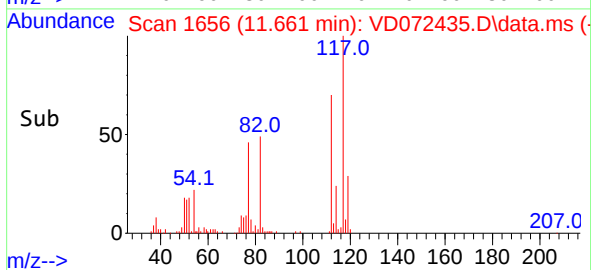
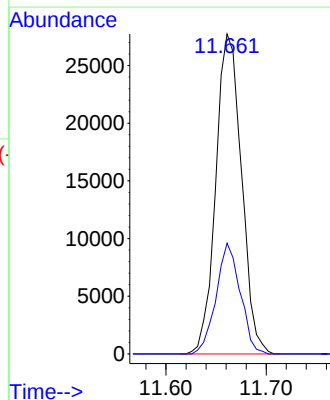
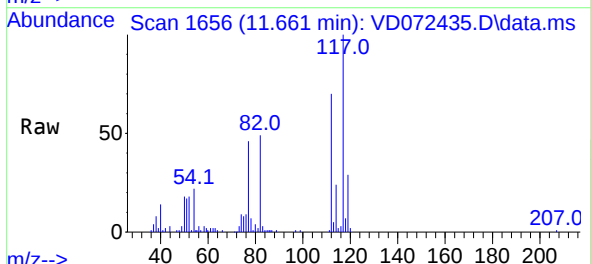
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

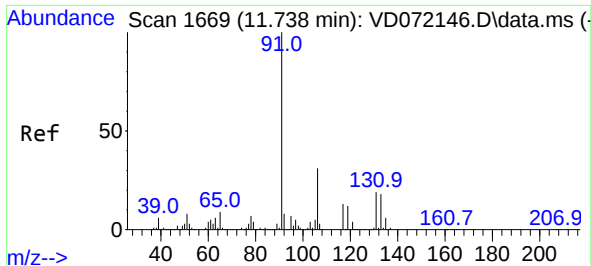
Tgt Ion:164	Resp:	14914
Ion	Ratio	Lower Upper
164	100	
166	118.0	98.5 147.7
129	92.9	74.6 111.8
131	85.2	72.0 108.0



#65
Chlorobenzene
Concen: 3.876 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:112	Resp:	49345
Ion	Ratio	Lower Upper
112	100	
114	34.6	25.8 38.6

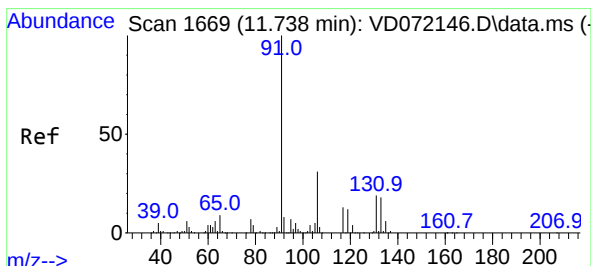
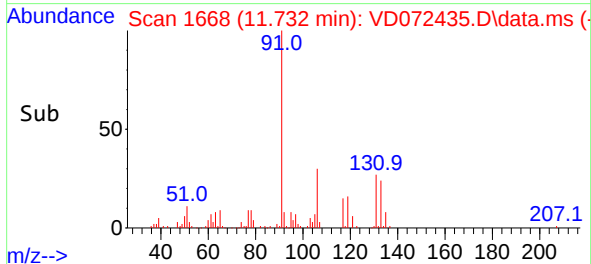
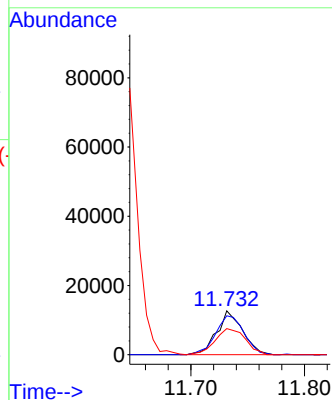
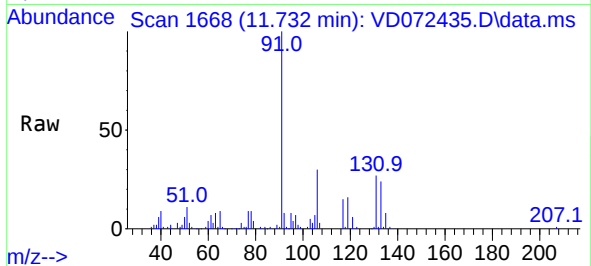




#66
1,1,1,2-Tetrachloroethane
Concen: 3.949 ug/l
RT: 11.732 min Scan# 1669
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

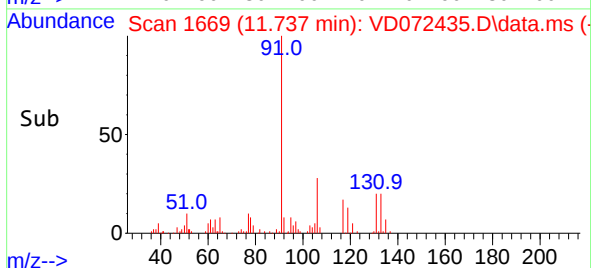
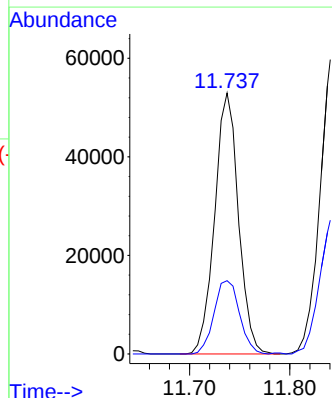
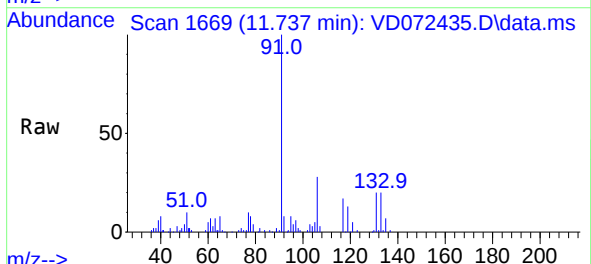
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

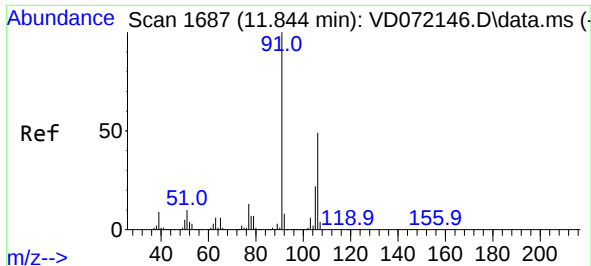
Tgt Ion:131 Resp: 19881
Ion Ratio Lower Upper
131 100
133 98.7 48.1 144.3
119 70.3 31.9 95.9



#67
Ethyl Benzene
Concen: 3.833 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 91 Resp: 87159
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.4

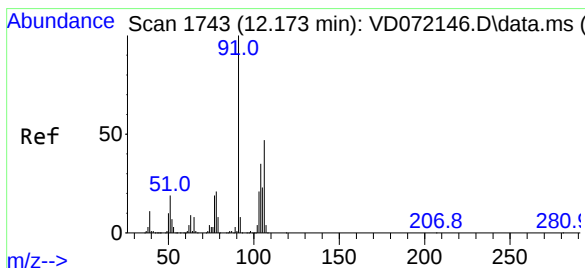
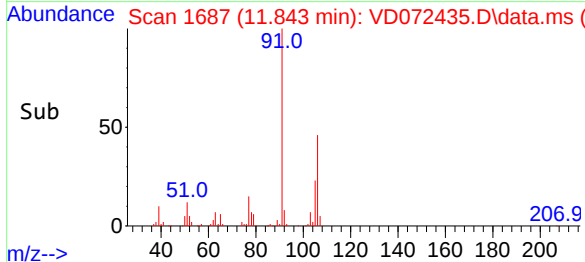
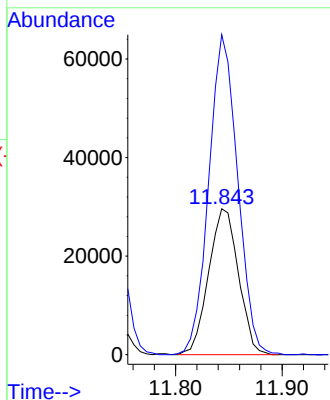
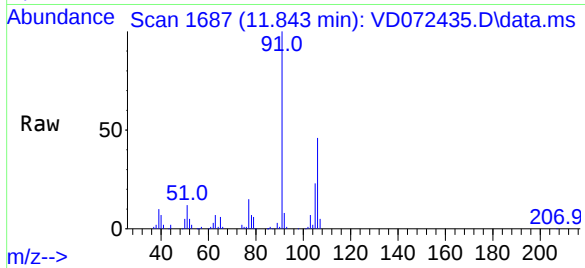




#68
m/p-Xylenes
Concen: 6.671 ug/l
RT: 11.843 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

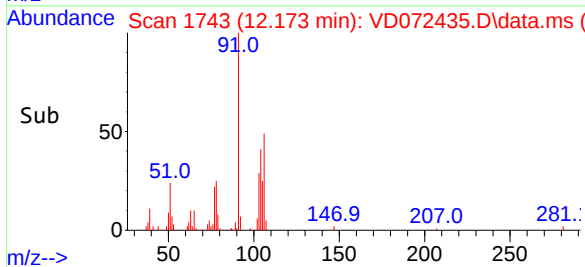
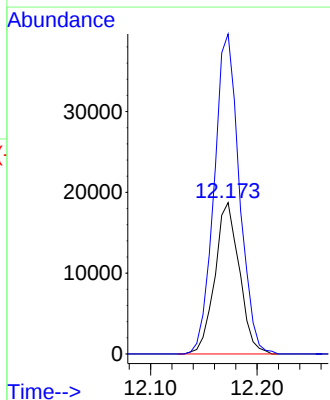
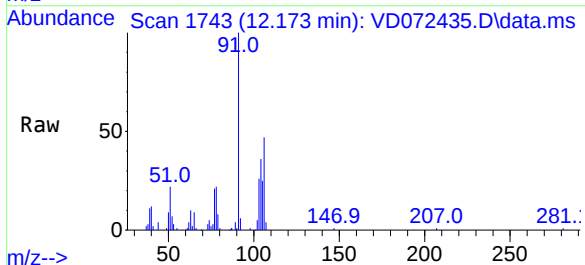
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

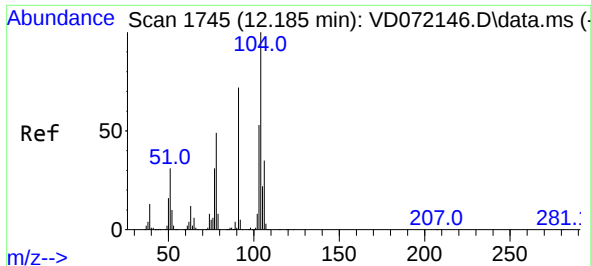
Tgt Ion:106 Resp: 57596
Ion Ratio Lower Upper
106 100
91 212.1 163.7 245.5



#69
o-Xylene
Concen: 3.616 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:106 Resp: 29862
Ion Ratio Lower Upper
106 100
91 217.4 110.4 331.2

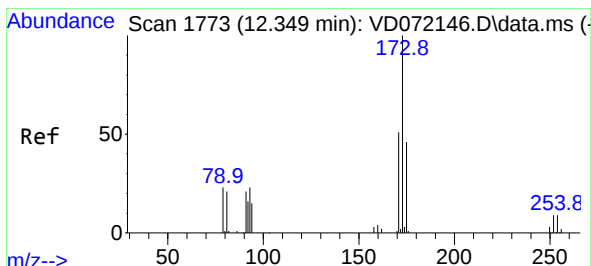
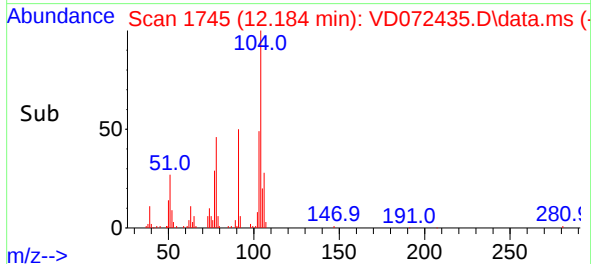
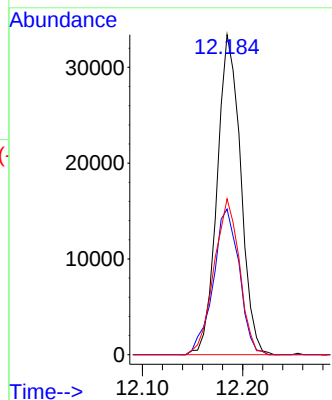
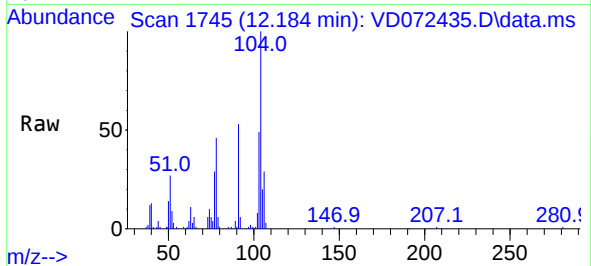




#70
Styrene
Concen: 3.781 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

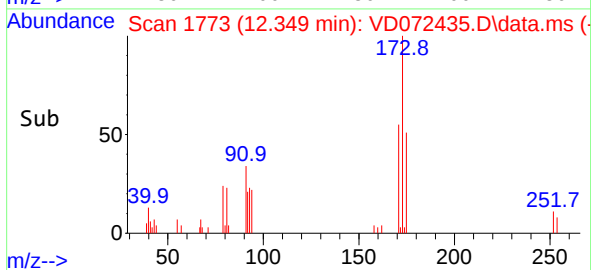
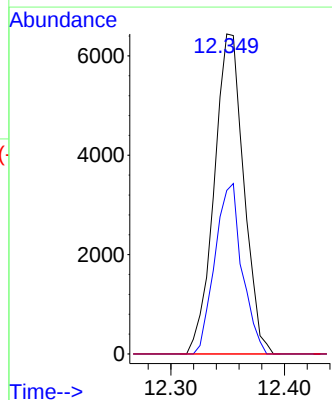
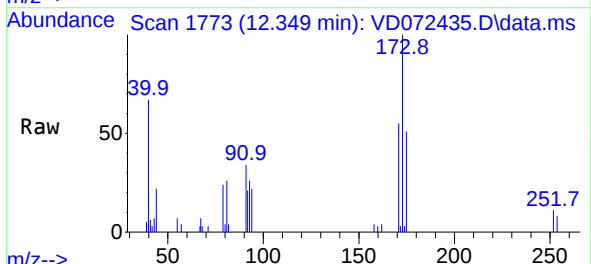
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

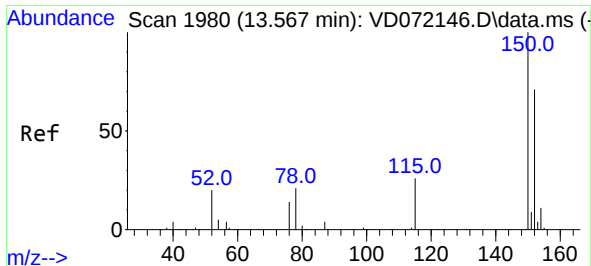
Tgt Ion:104 Resp: 54522
Ion Ratio Lower Upper
104 100
78 50.1 41.8 62.8
103 52.6 44.2 66.4



#71
Bromoform
Concen: 4.333 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:173 Resp: 11653
Ion Ratio Lower Upper
173 100
175 49.0 23.9 71.8
254 0.0 0.0 0.0

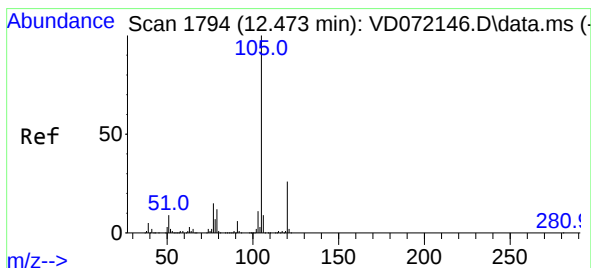
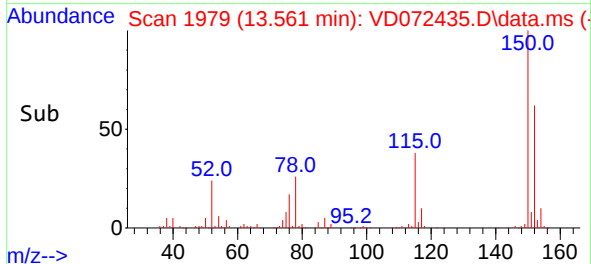
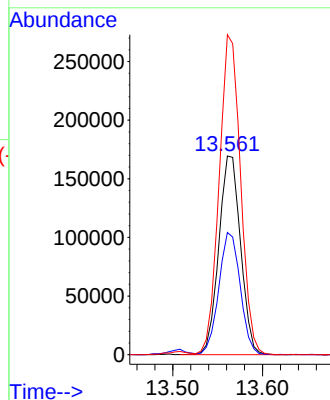
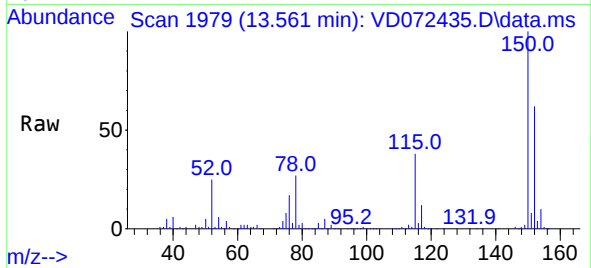




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

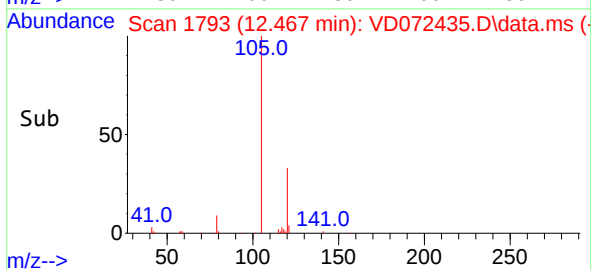
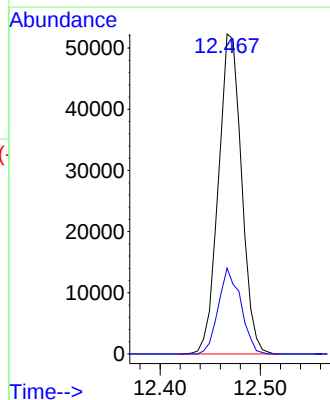
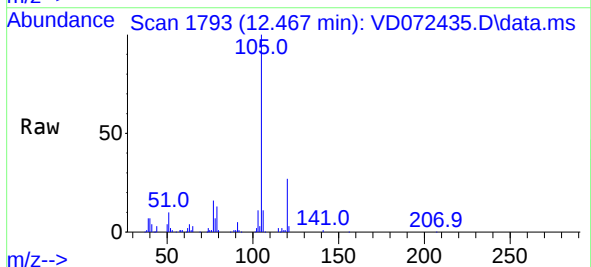
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

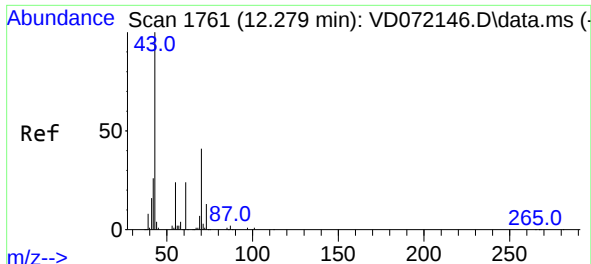
Tgt Ion:152 Resp: 285402
Ion Ratio Lower Upper
152 100
115 60.6 31.3 93.8
150 158.2 0.0 348.6



#73
Isopropylbenzene
Concen: 3.703 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:105 Resp: 83739
Ion Ratio Lower Upper
105 100
120 26.0 13.0 38.9

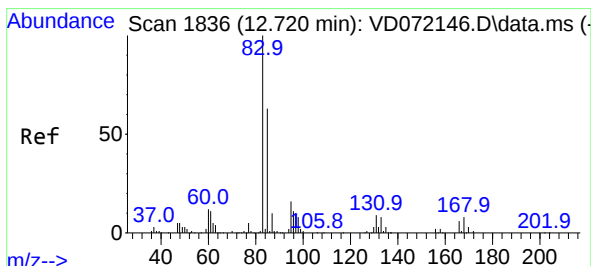
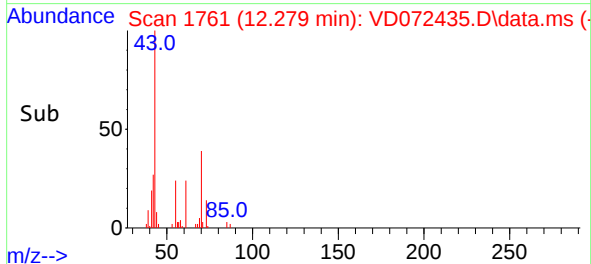
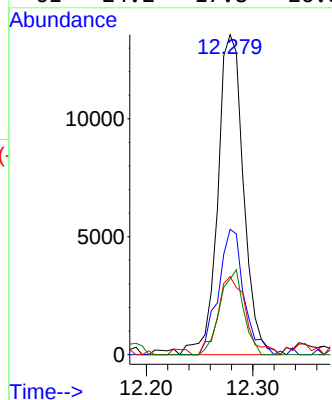
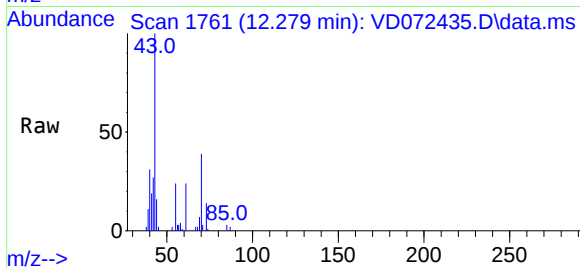




#74
N-amy1 acetate
Concen: 4.665 ug/l
RT: 12.279 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

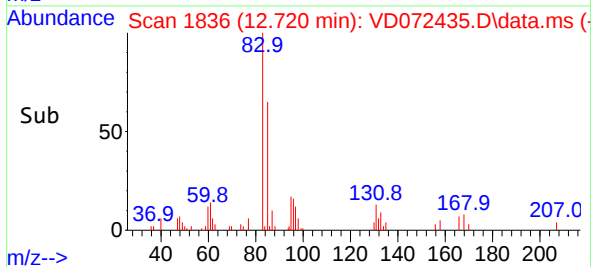
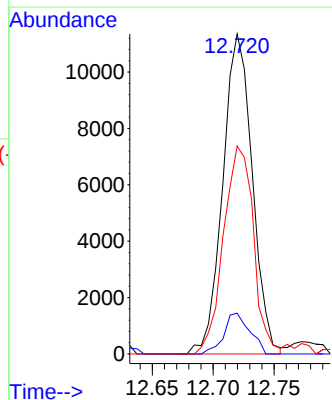
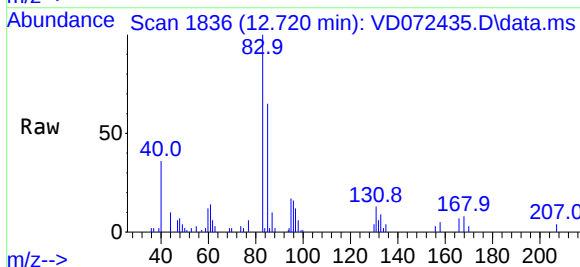
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

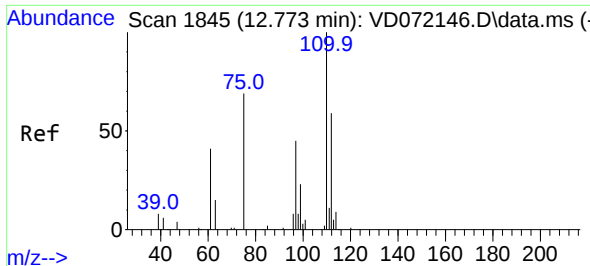
Tgt Ion: 43	Resp: 22672
Ion Ratio	Lower Upper
43 100	
70 39.3	31.3 46.9
55 26.5	20.0 30.0
61 24.2	17.8 26.8



#75
1,1,2,2-Tetrachloroethane
Concen: 4.732 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 83	Resp: 19142
Ion Ratio	Lower Upper
83 100	
131 11.2	5.0 14.9
85 65.8	32.6 98.0

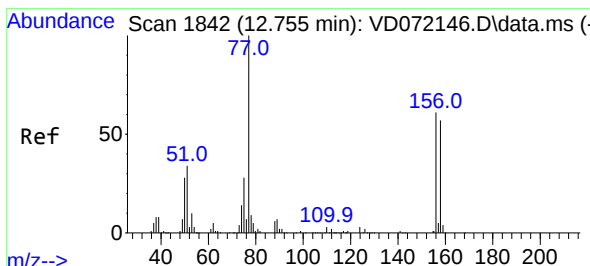
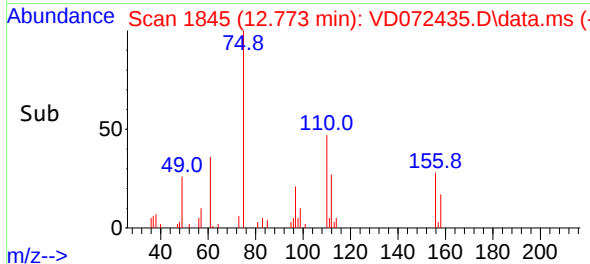
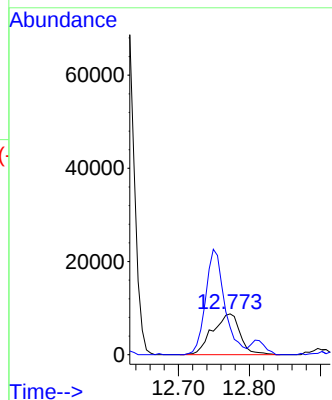
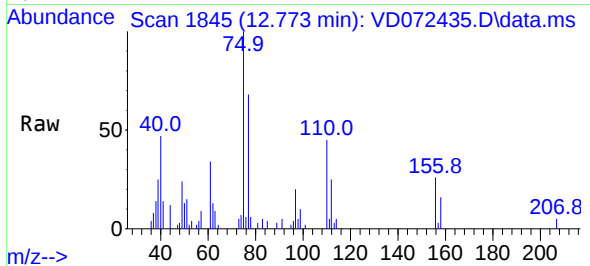




#76
1,2,3-Trichloropropane
Concen: 7.491 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

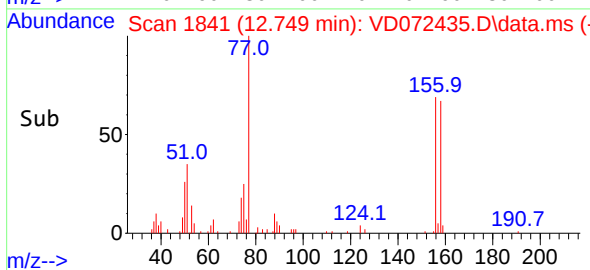
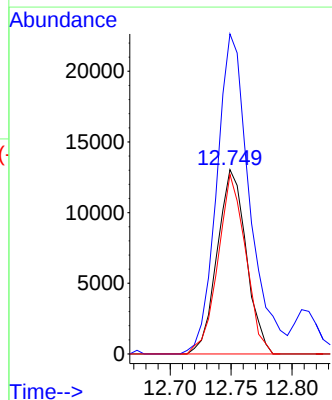
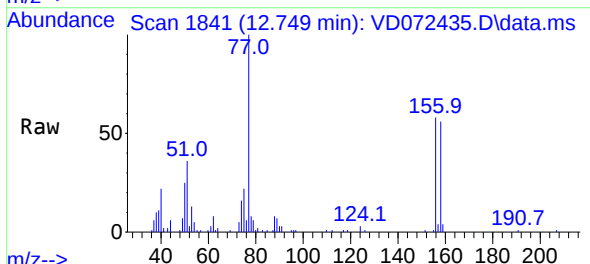
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

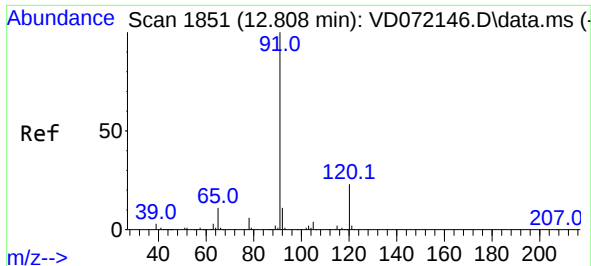
Tgt Ion: 75 Resp: 23582
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 4.248 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:156 Resp: 21622
Ion Ratio Lower Upper
156 100
77 197.3 102.8 308.3
158 92.8 48.7 146.1

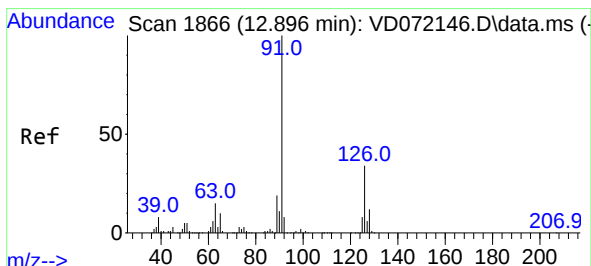
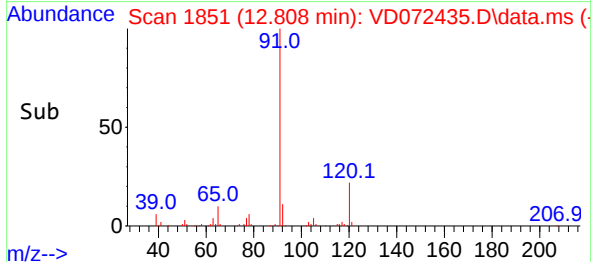
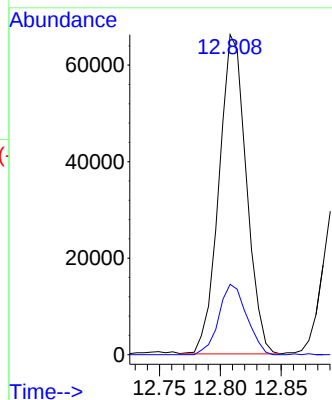
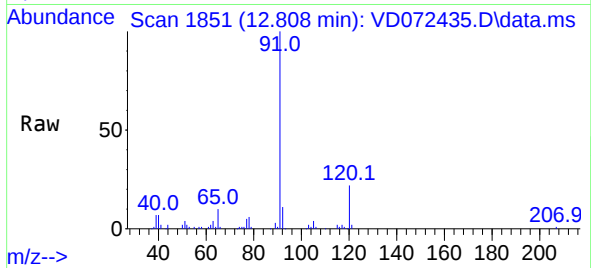




#78
n-propylbenzene
Concen: 3.768 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

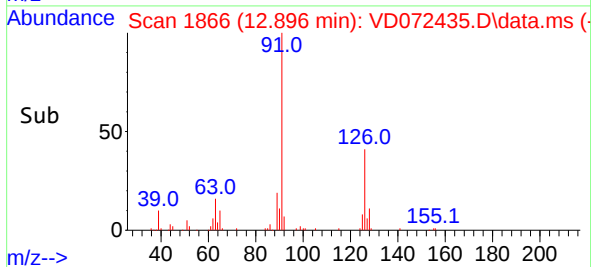
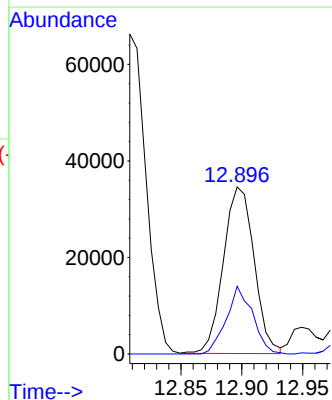
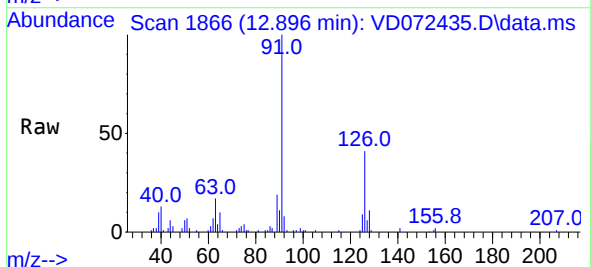
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

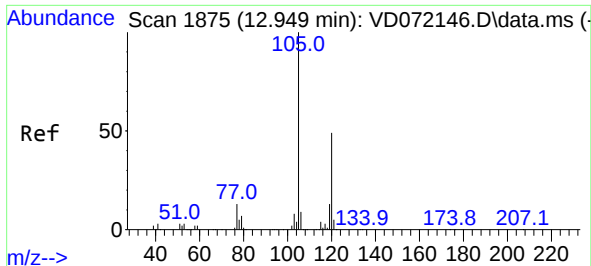
Tgt Ion: 91 Resp: 103500
Ion Ratio Lower Upper
91 100
120 22.4 10.9 32.9



#79
2-Chlorotoluene
Concen: 3.819 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 91 Resp: 60663
Ion Ratio Lower Upper
91 100
126 34.8 16.2 48.6

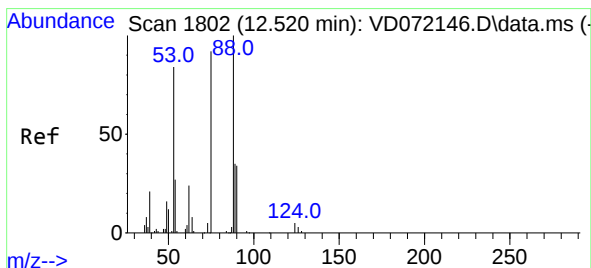
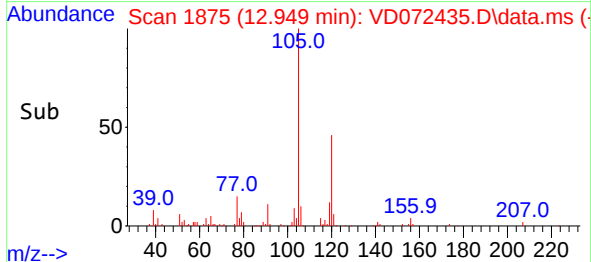
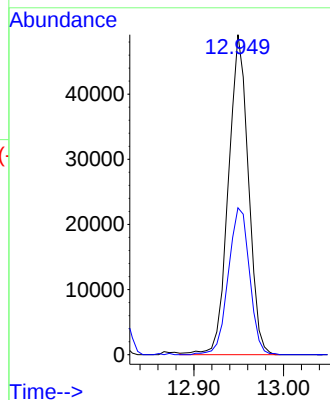
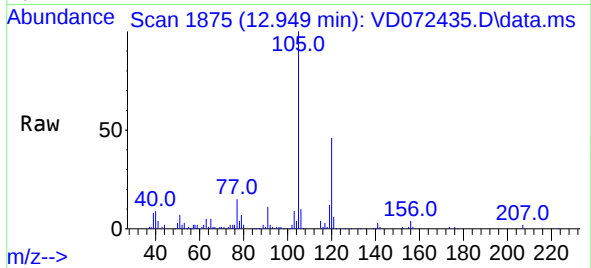




#80
1,3,5-Trimethylbenzene
Concen: 3.915 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

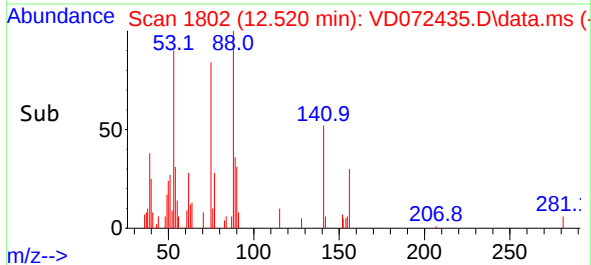
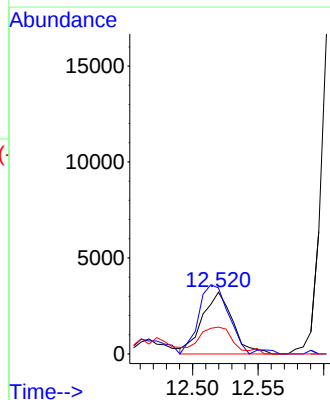
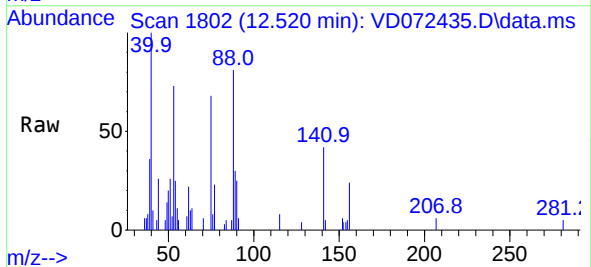
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

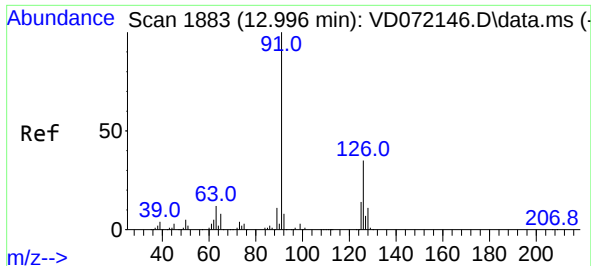
Tgt Ion:105 Resp: 76070
Ion Ratio Lower Upper
105 100
120 48.7 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 4.087 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 75 Resp: 5186
Ion Ratio Lower Upper
75 100
53 111.6 86.5 129.7
89 50.0 33.9 50.9

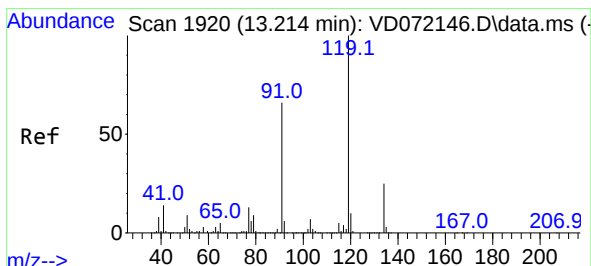
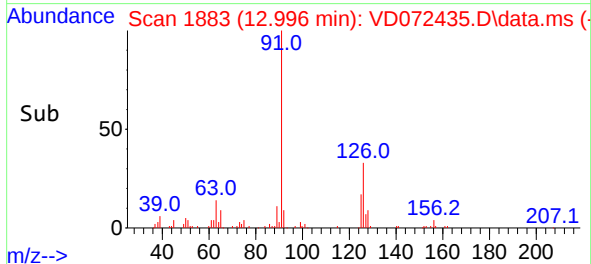
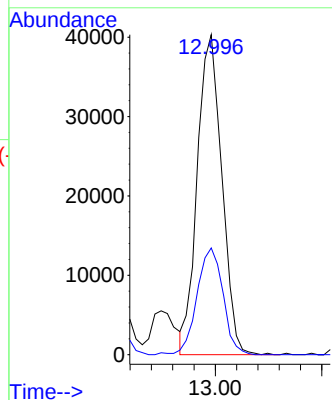
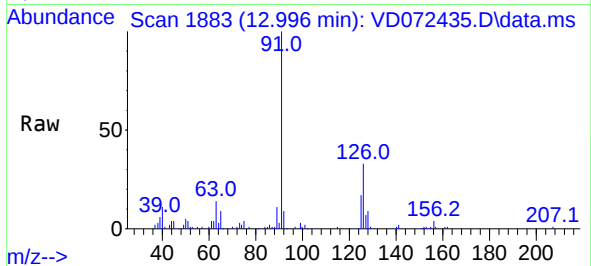




#82
4-Chlorotoluene
Concen: 3.933 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

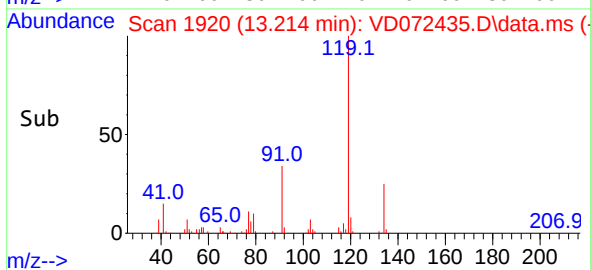
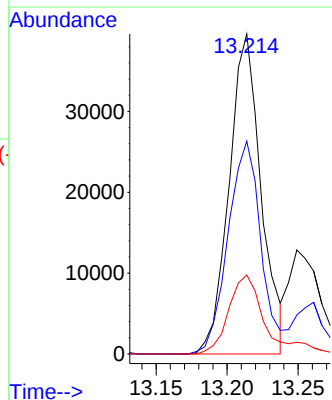
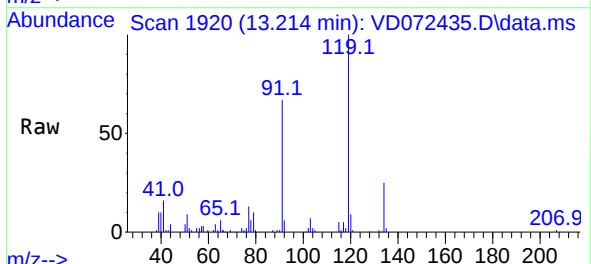
Instrument : MSVOA_D
ClientSampleId : MDL-SOIL-03-QT1-2022

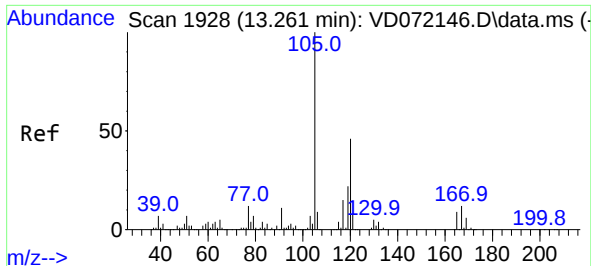
Tgt Ion: 91 Resp: 64682
Ion Ratio Lower Upper
91 100
126 35.2 16.5 49.5



#83
tert-Butylbenzene
Concen: 3.645 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 119 Resp: 62090
Ion Ratio Lower Upper
119 100
91 67.9 34.8 104.5
134 28.0 13.3 39.9

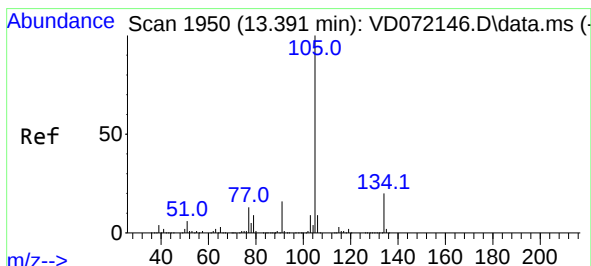
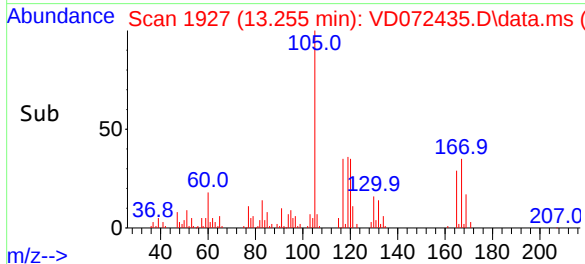
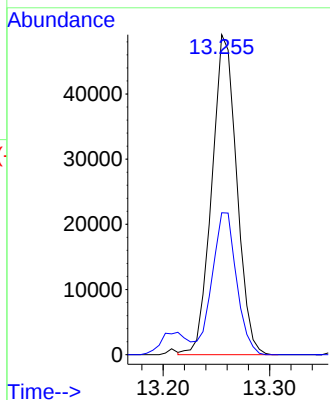
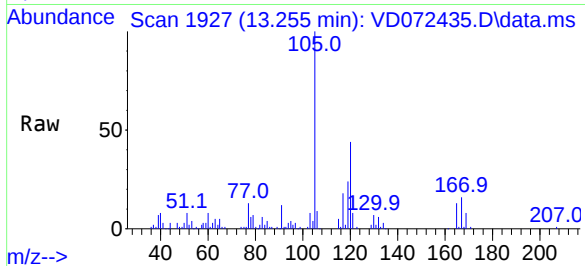




#84
1,2,4-Trimethylbenzene
Concen: 4.156 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

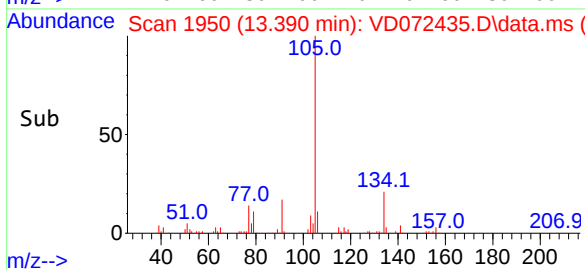
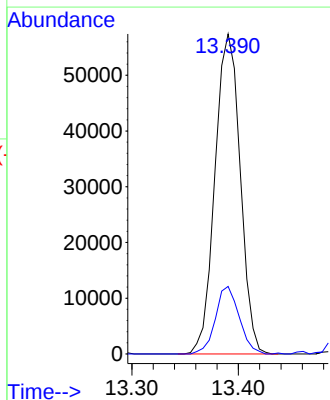
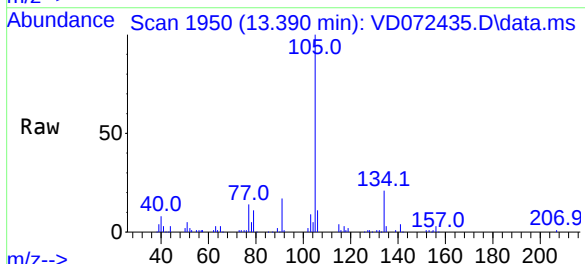
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

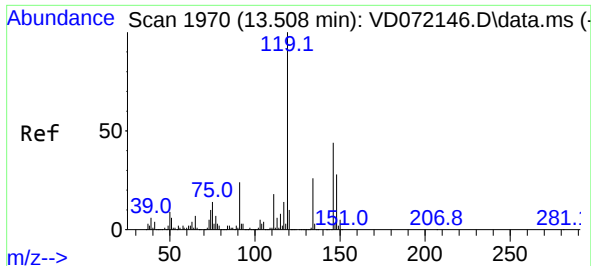
Tgt Ion:105 Resp: 79565
Ion Ratio Lower Upper
105 100
120 44.1 22.3 66.8



#85
sec-Butylbenzene
Concen: 3.693 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:105 Resp: 94460
Ion Ratio Lower Upper
105 100
134 19.9 9.8 29.3

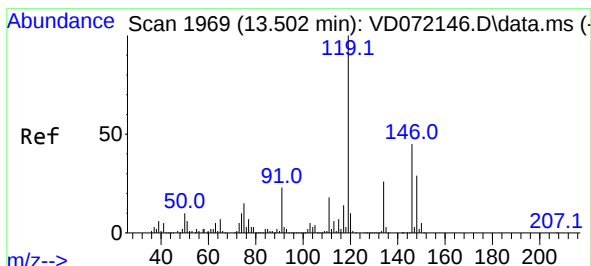
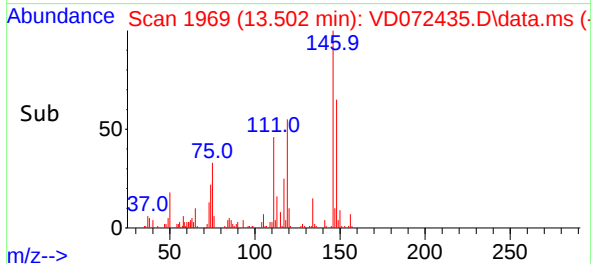
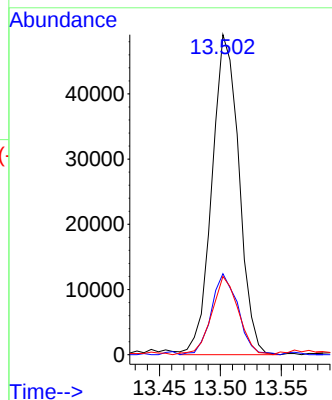
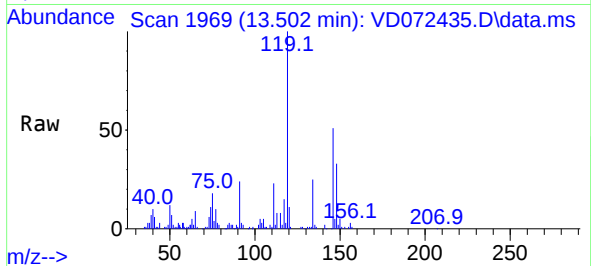




#86
p-Isopropyltoluene
Concen: 3.594 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

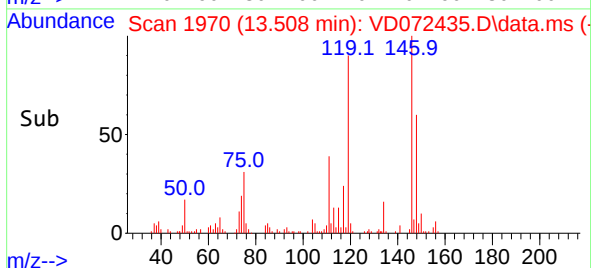
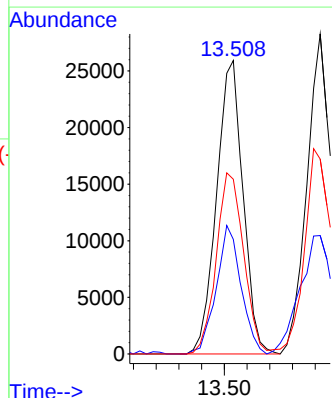
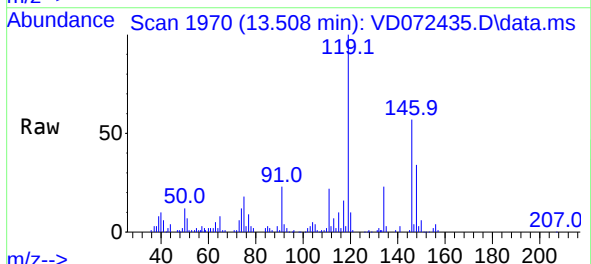
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

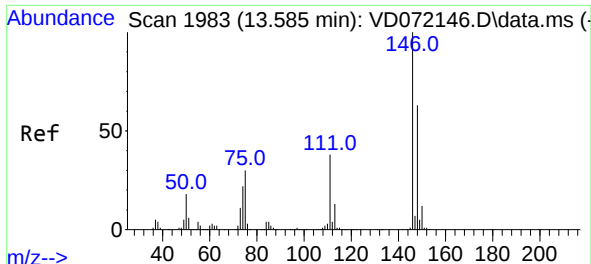
Tgt Ion:119	Resp:	75660
Ion	Ratio	Lower Upper
119	100	
134	25.0	12.9 38.6
91	24.2	12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 3.933 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:146	Resp:	41956
Ion	Ratio	Lower Upper
146	100	
111	41.0	20.4 61.3
148	64.0	31.9 95.7

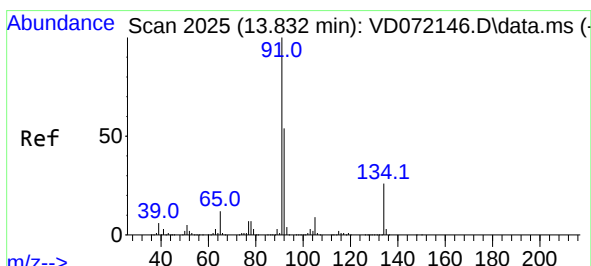
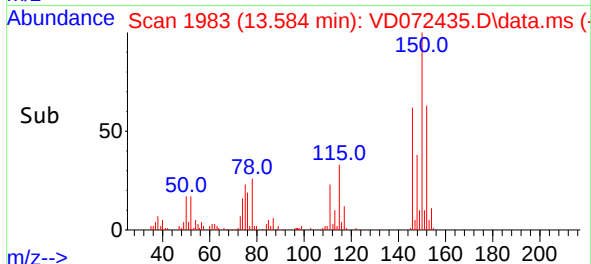
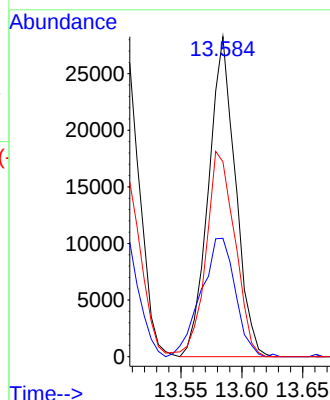
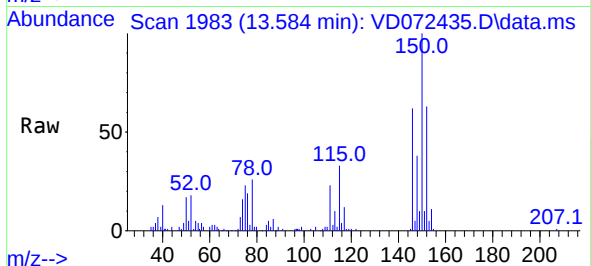




#88
1,4-Dichlorobenzene
Concen: 4.116 ug/l
RT: 13.584 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

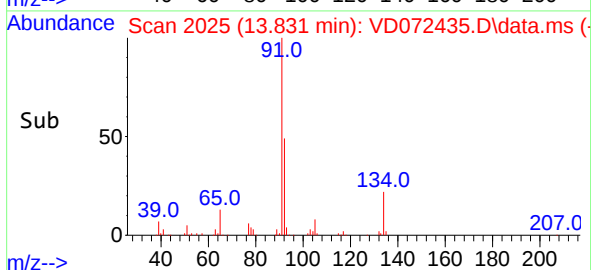
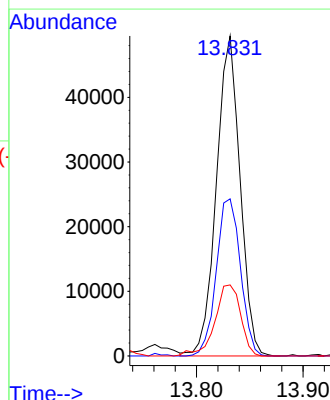
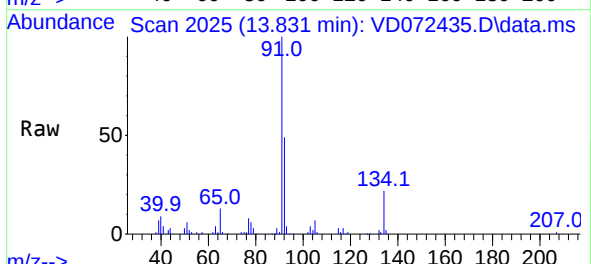
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

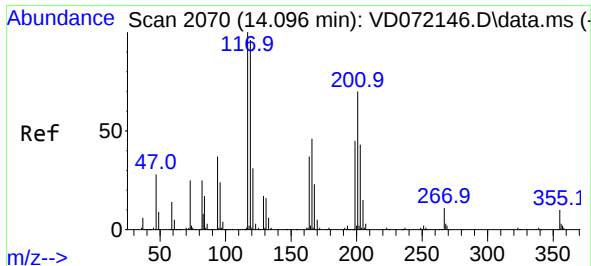
Tgt Ion:146 Resp: 43539
Ion Ratio Lower Upper
146 100
111 47.0 20.3 60.9
148 68.6 31.7 95.1



#89
n-Butylbenzene
Concen: 3.802 ug/l
RT: 13.831 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion: 91 Resp: 76282
Ion Ratio Lower Upper
91 100
92 50.1 26.6 79.8
134 24.2 12.3 36.9

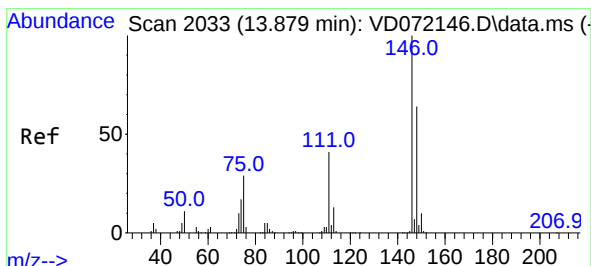
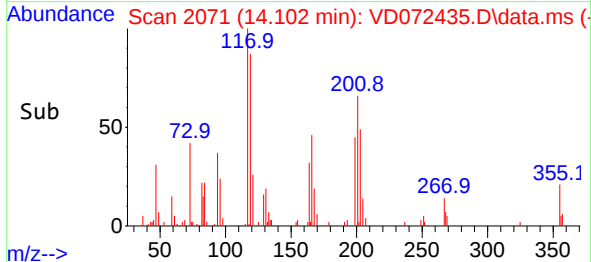
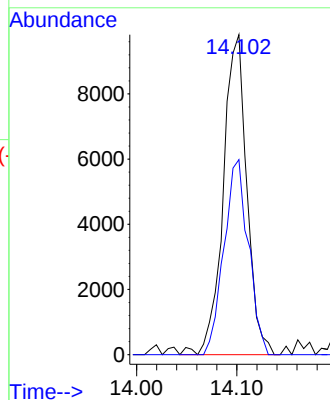
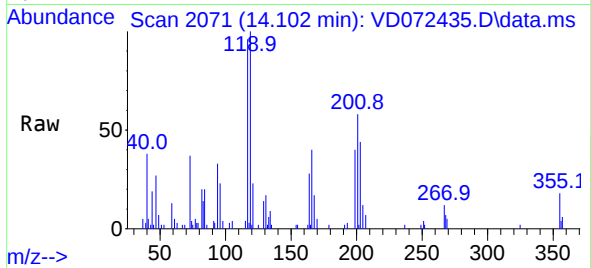




#90
Hexachloroethane
Concen: 3.895 ug/l
RT: 14.102 min Scan# 2070
Delta R.T. 0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

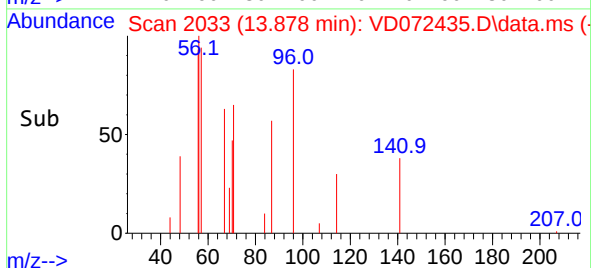
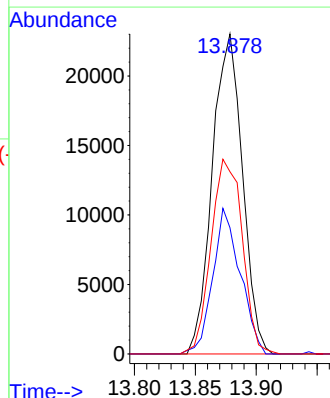
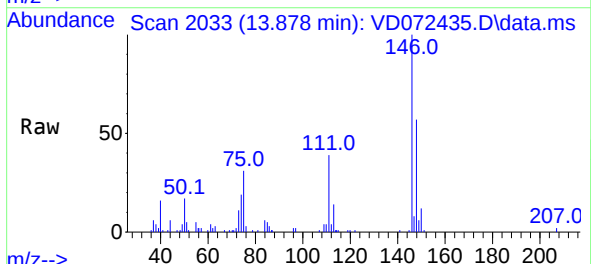
Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

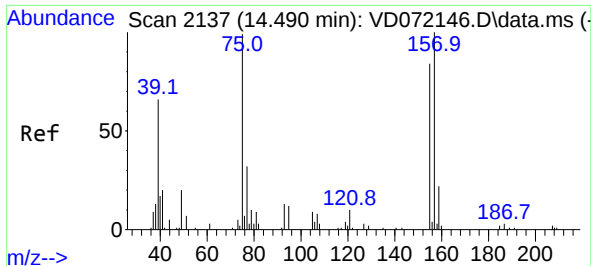
Tgt Ion:117 Resp: 16068
Ion Ratio Lower Upper
117 100
201 63.0 33.4 100.2



#91
1,2-Dichlorobenzene
Concen: 4.265 ug/l
RT: 13.878 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:146 Resp: 39669
Ion Ratio Lower Upper
146 100
111 41.5 21.1 63.3
148 63.1 31.7 95.1

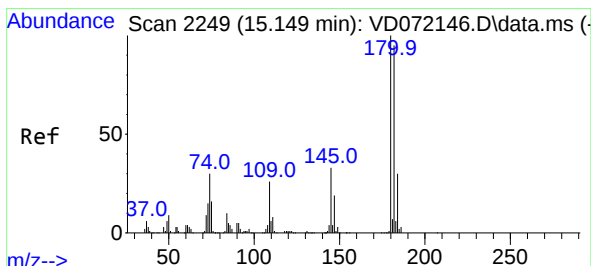
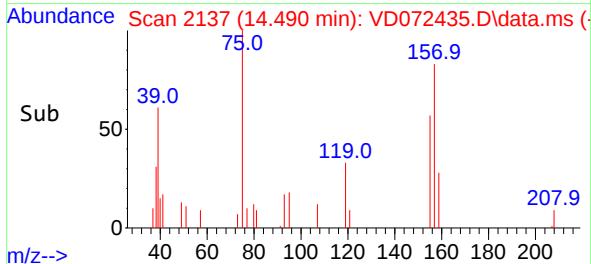
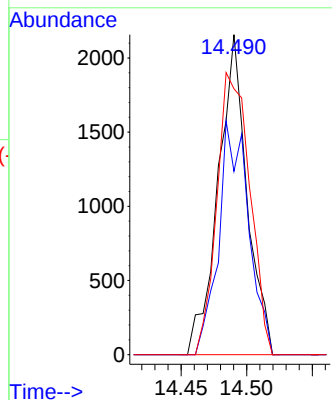
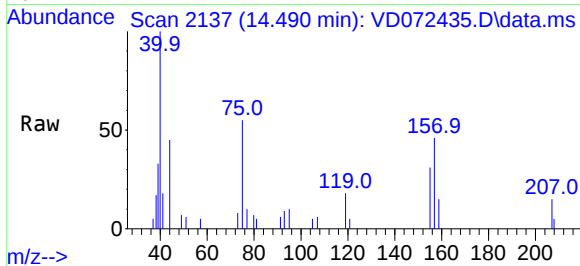




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 5.134 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

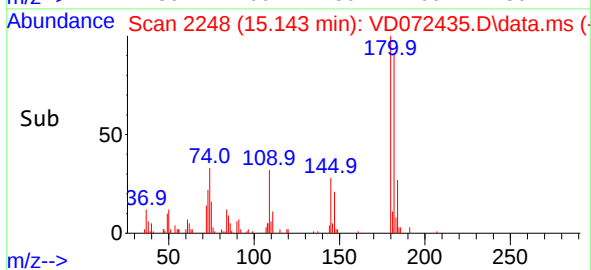
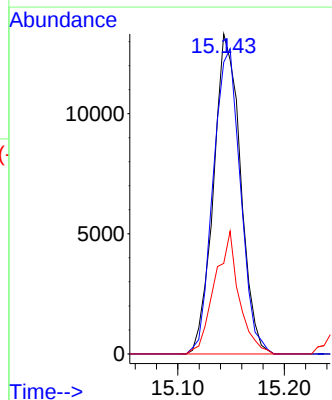
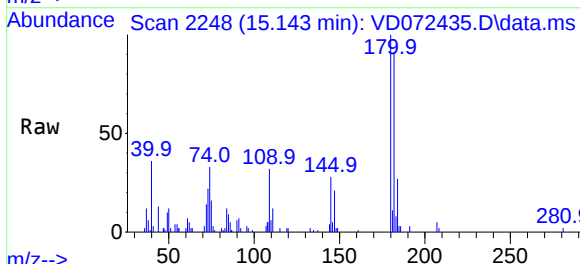
Instrument :
 MSVOA_D
 ClientSampleId :
 MDL-SOIL-03-QT1-2022

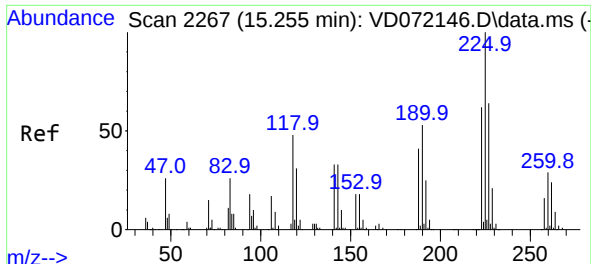
Tgt Ion:	75	Resp:	3314
Ion	Ratio	Lower	Upper
75	100		
155	75.2	36.8	110.3
157	100.1	48.4	145.0



#93
 1,2,4-Trichlorobenzene
 Concen: 3.795 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. -0.006 min
 Lab File: VD072435.D
 Acq: 25 Mar 2022 18:06

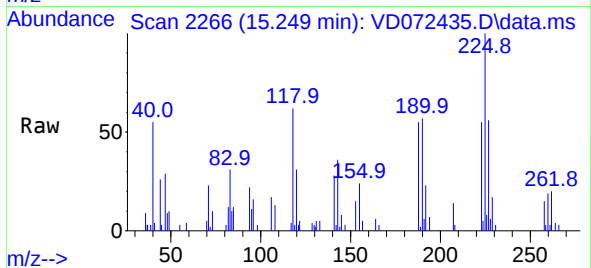
Tgt Ion:	180	Resp:	23372
Ion	Ratio	Lower	Upper
180	100		
182	96.5	47.3	142.0
145	34.8	16.2	48.5



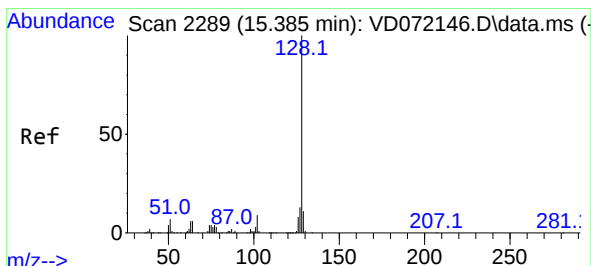
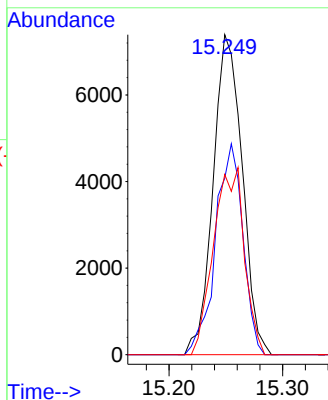


#94
Hexachlorobutadiene
Concen: 3.666 ug/l
RT: 15.249 min Scan# 211
Delta R.T. -0.006 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

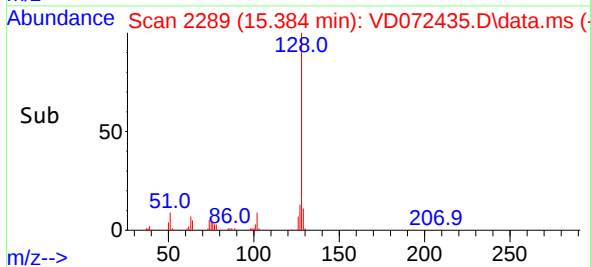
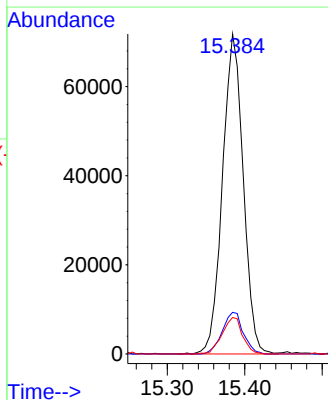
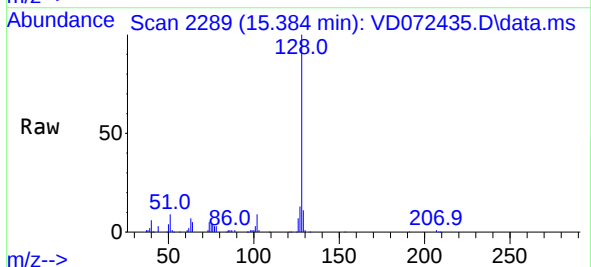


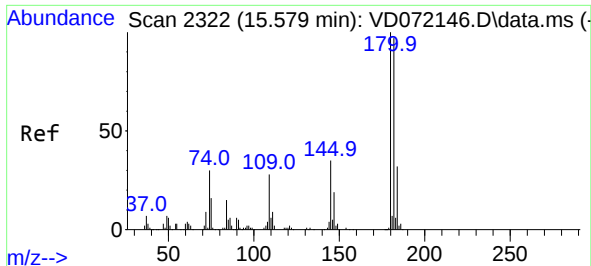
Tgt Ion:225 Resp: 13132
Ion Ratio Lower Upper
225 100
223 62.1 31.1 93.2
227 61.8 32.4 97.0



#95
Naphthalene
Concen: 12.587 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Tgt Ion:128 Resp: 133619
Ion Ratio Lower Upper
128 100
127 13.2 10.3 15.5
129 11.3 8.4 12.6





#96
1,2,3-Trichlorobenzene
Concen: 4.245 ug/l
RT: 15.578 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072435.D
Acq: 25 Mar 2022 18:06

Instrument :
MSVOA_D
ClientSampleId :
MDL-SOIL-03-QT1-2022

Tgt Ion:180 Resp: 22626
Ion Ratio Lower Upper
180 100
182 92.6 47.6 142.9
145 33.2 17.1 51.3

