

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031122\
 Data File : VD072153.D
 Acq On : 11 Mar 2022 16:40
 Operator : VA/SY
 Sample : N1645-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Quant Time: Mar 14 04:12:36 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 04:12:17 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	361364	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	596838	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	546926	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	272629	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	211059	52.408	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.820%	
35) Dibromofluoromethane	7.914	113	205717	48.980	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 97.960%	
50) Toluene-d8	10.332	98	734819	47.848	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 95.700%	
62) 4-Bromofluorobenzene	12.626	95	269653	45.190	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 90.380%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	5670	1.696	ug/l	96
3) Chloromethane	2.209	50	5023	1.691	ug/l #	79
4) Vinyl Chloride	2.344	62	4481	1.563	ug/l	97
5) Bromomethane	2.779	94	3598	1.927	ug/l	93
6) Chloroethane	2.932	64	3507	1.850	ug/l	96
7) Trichlorofluoromethane	3.273	101	10476	1.618	ug/l	95
8) Diethyl Ether	3.714	74	3392	1.897	ug/l	99
10) Methyl Iodide	4.303	142	5586	1.692	ug/l #	86
11) Tert butyl alcohol	5.226	59	2507	10.737	ug/l #	74
12) 1,1-Dichloroethene	4.073	96	5093	1.533	ug/l #	74
13) Acrolein	3.920	56	2722	13.064	ug/l	87
14) Allyl chloride	4.720	41	8801	1.516	ug/l #	95
15) Acrylonitrile	5.432	53	8263	9.158	ug/l	95
16) Acetone	4.156	43	10607	12.131	ug/l	99
17) Carbon Disulfide	4.409	76	8832	1.304	ug/l #	94
18) Methyl Acetate	4.714	43	4910	2.291	ug/l #	75
19) Methyl tert-butyl Ether	5.485	73	14664	1.624	ug/l	95
20) Methylene Chloride	4.956	84	21689	4.127	ug/l #	75
21) trans-1,2-Dichloroethene	5.479	96	6281	1.710	ug/l	86
22) Diisopropyl ether	6.367	45	21173	1.599	ug/l #	91
23) Vinyl Acetate	6.303	43	52399	7.752	ug/l	96
24) 1,1-Dichloroethane	6.261	63	14070	1.801	ug/l	93
25) 2-Butanone	7.208	43	11298	9.691	ug/l	91
26) 2,2-Dichloropropane	7.208	77	12111	1.718	ug/l	85
27) cis-1,2-Dichloroethene	7.208	96	7984	1.702	ug/l	91
28) Bromochloromethane	7.544	49	6203	1.973	ug/l #	89
29) Tetrahydrofuran	7.561	42	5796	8.455	ug/l #	88
30) Chloroform	7.708	83	14944	1.796	ug/l #	74
31) Cyclohexane	7.979	56	15701	2.495	ug/l #	24
32) 1,1,1-Trichloroethane	7.902	97	12092	1.636	ug/l	93
36) 1,1-Dichloropropene	8.108	75	9265	1.572	ug/l	97
37) Ethyl Acetate	7.297	43	4223	1.636	ug/l #	81
38) Carbon Tetrachloride	8.091	117	10883	1.625	ug/l #	95
39) Methylcyclohexane	9.355	83	9314	1.405	ug/l	92
40) Benzene	8.350	78	26627	1.584	ug/l	99
41) Methacrylonitrile	7.508	41	2709	1.801	ug/l	93

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.420	62	9512	1.865	ug/l	95
43) Isopropyl Acetate	8.444	43	8389	1.675	ug/l #	89
44) Trichloroethene	9.114	130	7358	1.559	ug/l	93
45) 1,2-Dichloropropane	9.385	63	7513	1.630	ug/l	100
46) Dibromomethane	9.467	93	4514	1.991	ug/l	93
47) Bromodichloromethane	9.661	83	11658	1.763	ug/l #	96
48) Methyl methacrylate	9.455	41	4496	1.880	ug/l	95
49) 1,4-Dioxane	9.449	88	1212	44.570	ug/l #	69
51) 4-Methyl-2-Pentanone	10.220	43	20277	7.707	ug/l	97
52) Toluene	10.396	92	17595	1.591	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	10182	1.686	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	11856	1.698	ug/l #	81
55) 1,1,2-Trichloroethane	10.802	97	5831	1.688	ug/l #	80
56) Ethyl methacrylate	10.649	69	6287	1.554	ug/l #	94
57) 1,3-Dichloropropane	10.938	76	10959	1.890	ug/l	93
58) 2-Chloroethyl Vinyl ether	9.932	63	12857	7.067	ug/l #	88
59) 2-Hexanone	10.979	43	14897	8.198	ug/l	98
60) Dibromochloromethane	11.132	129	7487	1.670	ug/l	94
61) 1,2-Dibromoethane	11.238	107	5495	1.760	ug/l	99
64) Tetrachloroethene	10.867	164	6565	1.704	ug/l	90
65) Chlorobenzene	11.667	112	20250	1.670	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.732	131	8821	1.840	ug/l	99
67) Ethyl Benzene	11.738	91	33474	1.546	ug/l	99
68) m/p-Xylenes	11.843	106	24739	3.008	ug/l	95
69) o-Xylene	12.173	106	11385	1.447	ug/l	99
70) Styrene	12.190	104	18450	1.343	ug/l	94
71) Bromoform	12.355	173	4641	1.812	ug/l #	100
73) Isopropylbenzene	12.467	105	30072	1.392	ug/l	96
74) N-amyl acetate	12.279	43	8287	1.785	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	7147	1.850	ug/l	92
76) 1,2,3-Trichloropropane	12.773	75	9066	3.015	ug/l #	100
77) Bromobenzene	12.755	156	8748	1.799	ug/l	89
78) n-propylbenzene	12.808	91	39140	1.492	ug/l	96
79) 2-Chlorotoluene	12.896	91	24159	1.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	30968	1.669	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.620	75	140481	115.899	ug/l #	7
82) 4-Chlorotoluene	12.996	91	25504	1.623	ug/l	96
83) tert-Butylbenzene	13.214	119	23217	1.427	ug/l	98
84) 1,2,4-Trimethylbenzene	13.255	105	28846	1.577	ug/l	98
85) sec-Butylbenzene	13.390	105	34942	1.430	ug/l	98
86) p-Isopropyltoluene	13.502	119	29389	1.462	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	17655	1.732	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	20024	1.981	ug/l	91
89) n-Butylbenzene	13.832	91	28909	1.508	ug/l	98
90) Hexachloroethane	14.096	117	6840	1.736	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	15486	1.743	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	1183	1.918	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	10346	1.759	ug/l	94
94) Hexachlorobutadiene	15.249	225	5896	1.723	ug/l	97
95) Naphthalene	15.384	128	17005	1.677	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.573	180	8967	1.761	ug/l	95

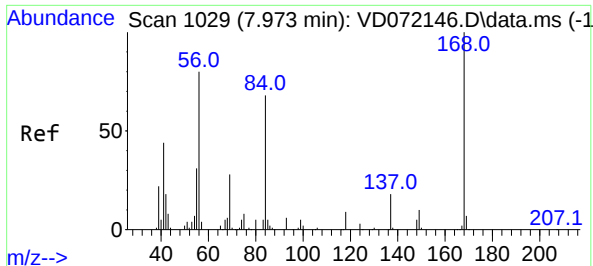
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072153.D

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Instrument :

MSVOA_D

ClientSampleId :

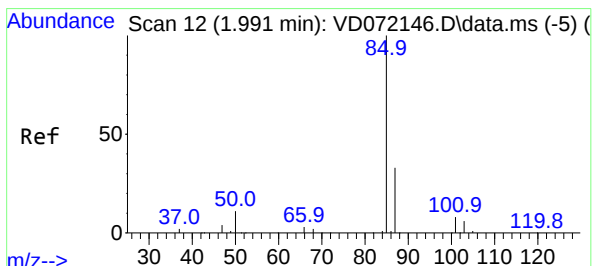
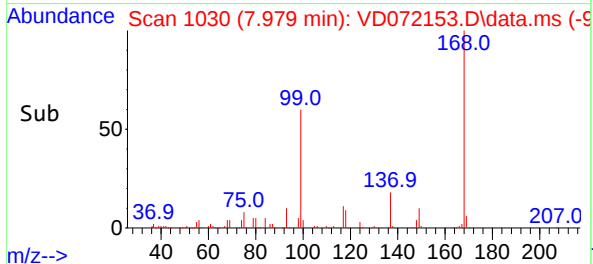
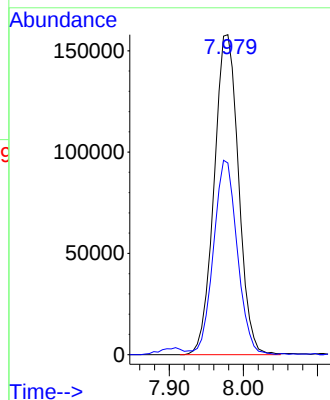
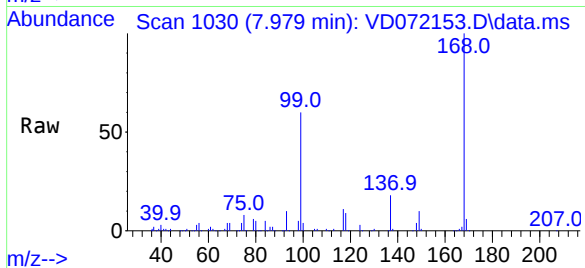
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:168 Resp: 361364

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



Dichlorodifluoromethane

Concen: 1.696 ug/l

RT: 1.991 min Scan# 12

Delta R.T. -0.000 min

Lab File: VD072153.D

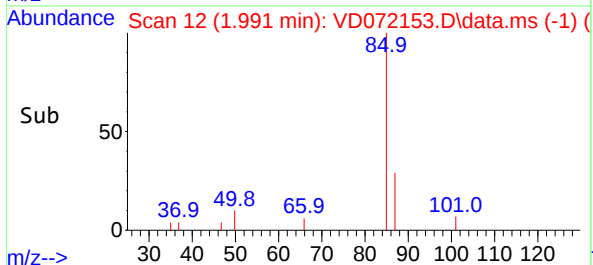
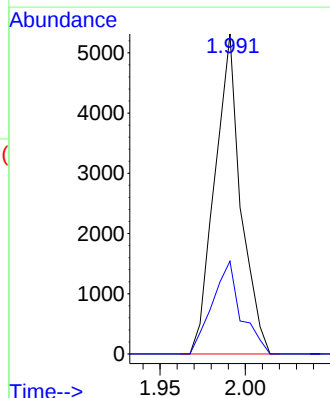
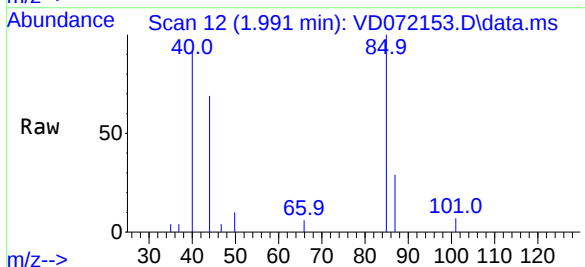
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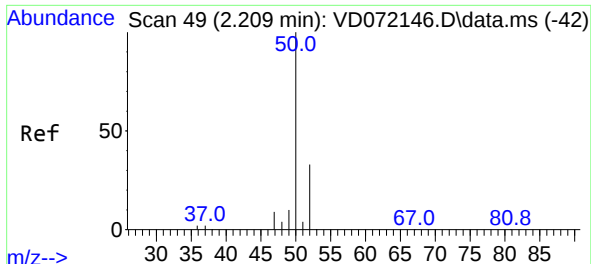
Tgt Ion: 85 Resp: 5670

Ion Ratio Lower Upper

85 100

87 29.0 15.7 47.0

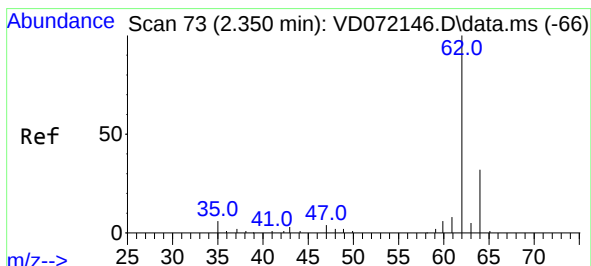
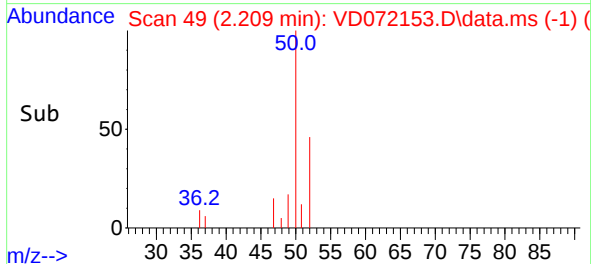
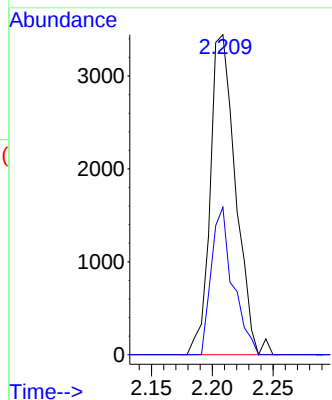
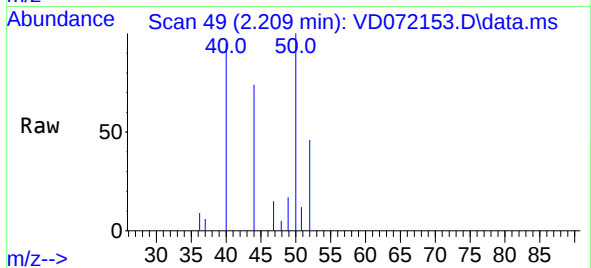




#3
Chloromethane
Concen: 1.691 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

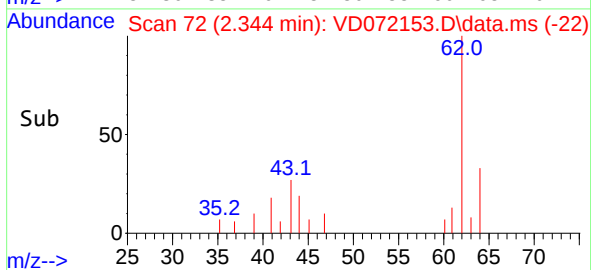
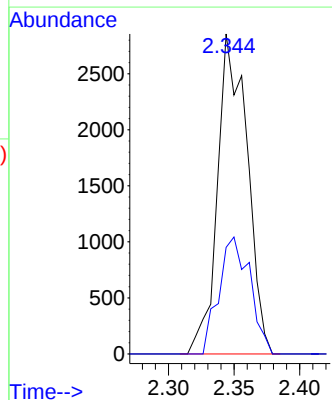
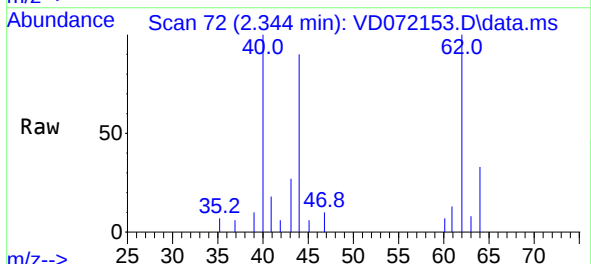
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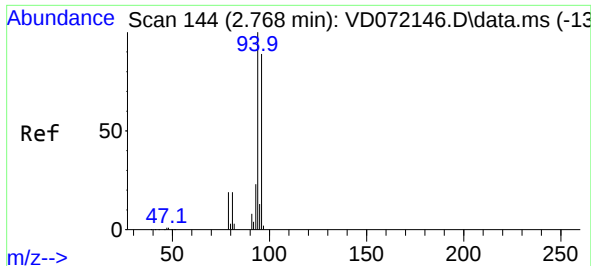
Tgt Ion: 50 Resp: 5023
Ion Ratio Lower Upper
50 100
52 46.0 27.4 41.0#



#4
Vinyl Chloride
Concen: 1.563 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 62 Resp: 4481
Ion Ratio Lower Upper
62 100
64 33.3 25.4 38.0

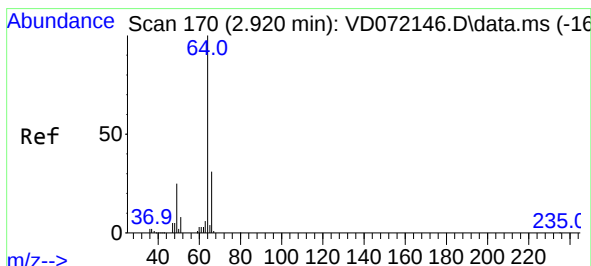
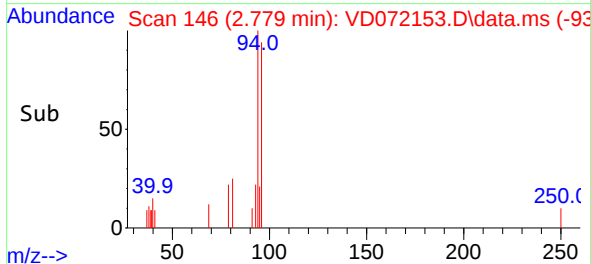
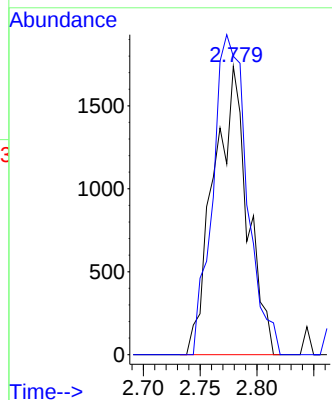
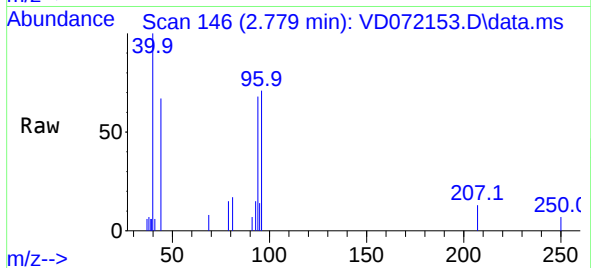




#5
Bromomethane
Concen: 1.927 ug/l
RT: 2.779 min Scan# 144
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

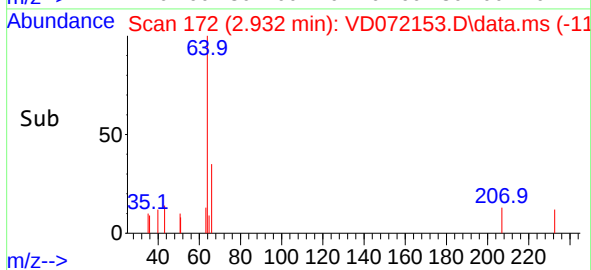
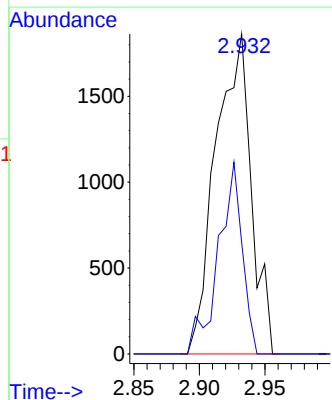
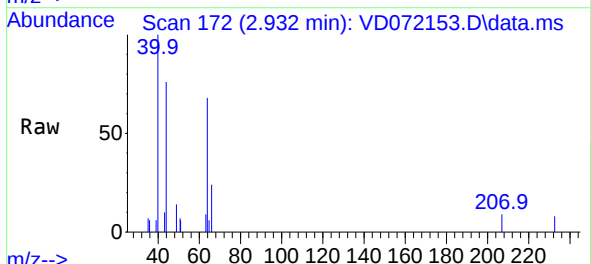
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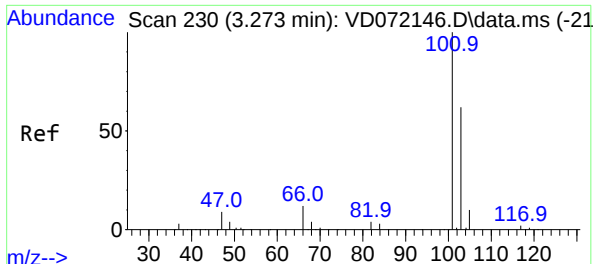
Tgt Ion: 94 Resp: 3598
Ion Ratio Lower Upper
94 100
96 103.5 77.6 116.4



#6
Chloroethane
Concen: 1.850 ug/l
RT: 2.932 min Scan# 172
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 64 Resp: 3507
Ion Ratio Lower Upper
64 100
66 34.8 25.9 38.9

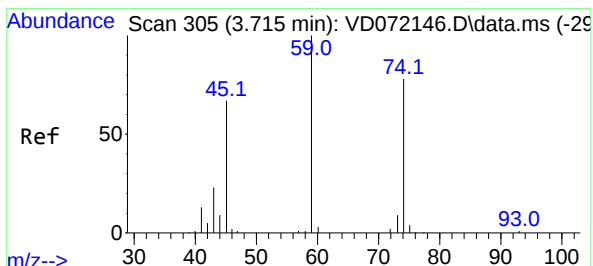
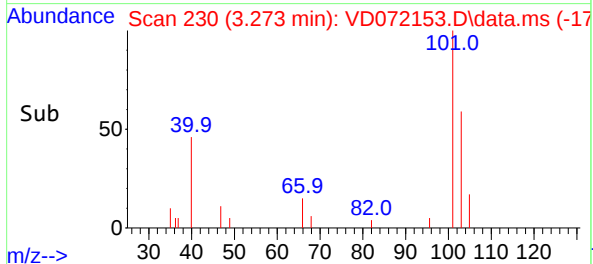
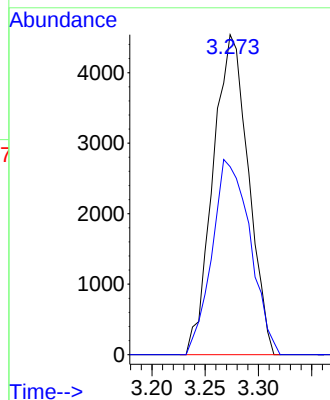
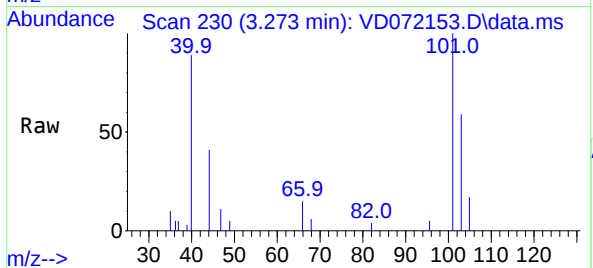




#7
Trichlorofluoromethane
Concen: 1.618 ug/l
RT: 3.273 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

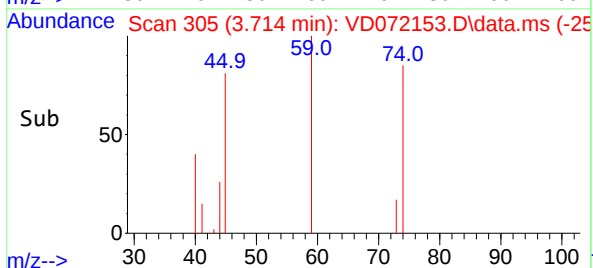
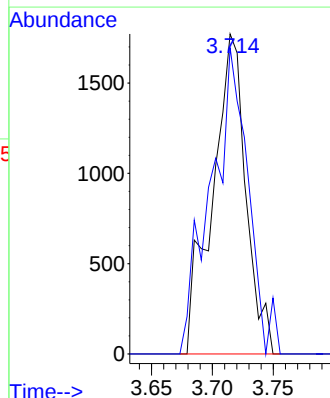
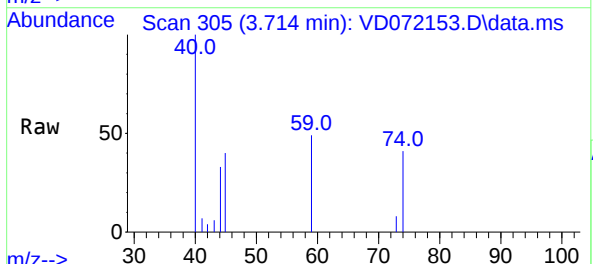
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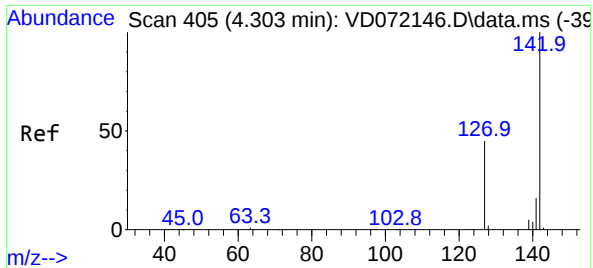
Tgt Ion:101 Resp: 10476
Ion Ratio Lower Upper
101 100
103 58.8 50.1 75.1



#8
Diethyl Ether
Concen: 1.897 ug/l
RT: 3.714 min Scan# 305
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 74 Resp: 3392
Ion Ratio Lower Upper
74 100
45 106.1 52.6 157.8

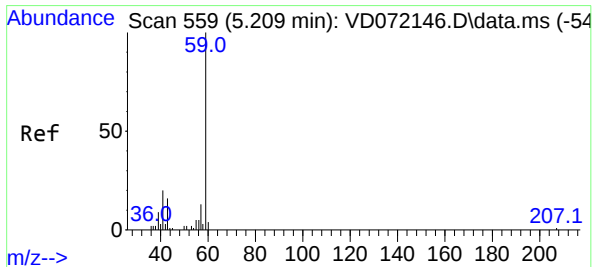
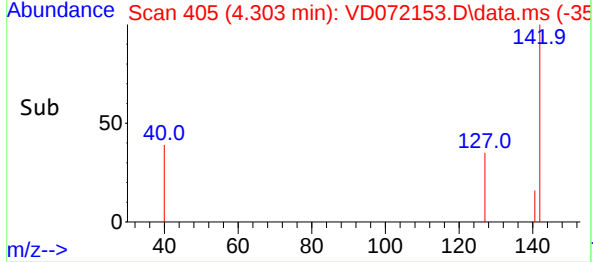
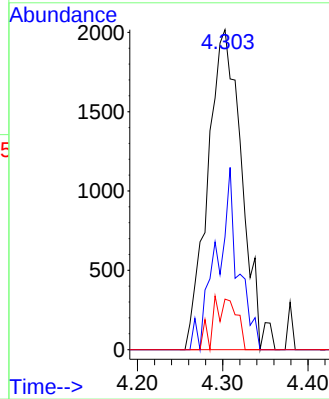
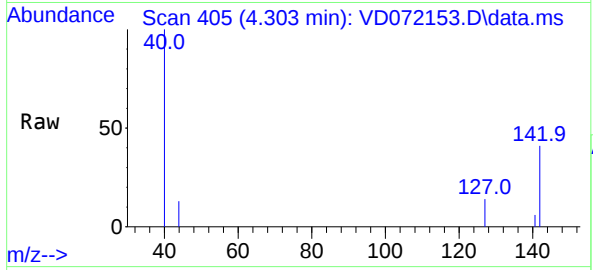




#10
Methyl Iodide
Concen: 1.692 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072153.D
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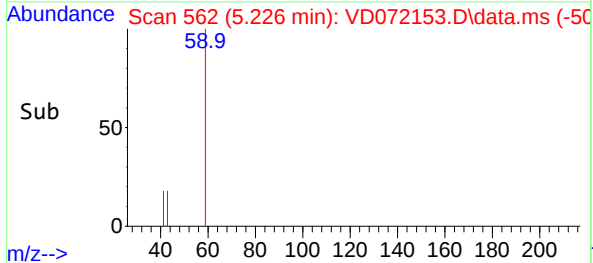
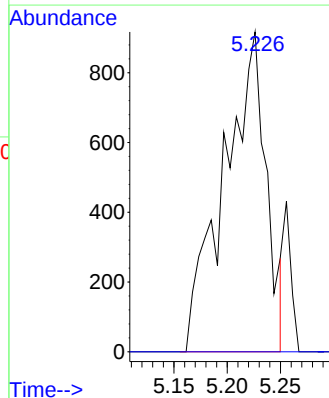
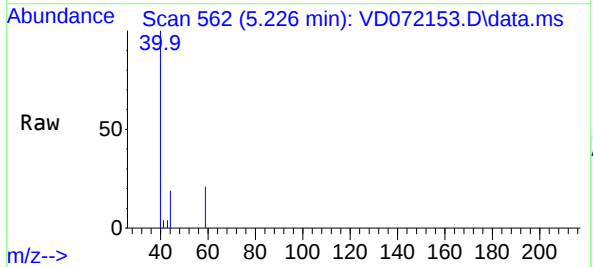
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

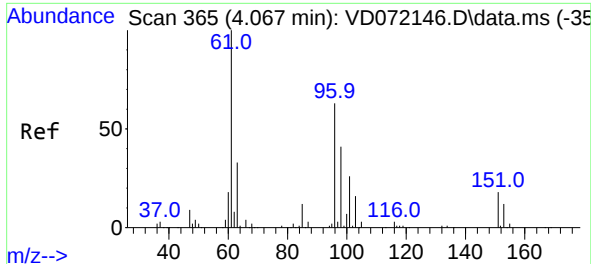
Tgt Ion:142 Resp: 5586
Ion Ratio Lower Upper
142 100
127 36.4 37.3 55.9#
141 11.2 11.7 17.5#



#11
Tert butyl alcohol
Concen: 10.737 ug/l
RT: 5.226 min Scan# 562
Delta R.T. 0.018 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 59 Resp: 2507
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#





#12

1,1-Dichloroethene

Concen: 1.533 ug/l

RT: 4.073 min Scan# 3

Delta R.T. 0.006 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

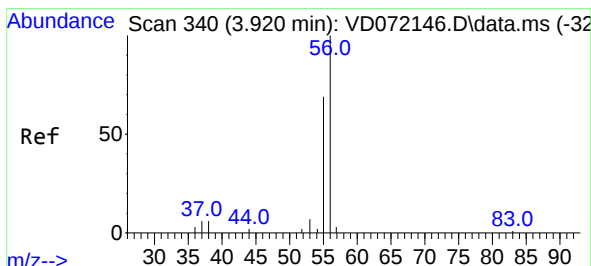
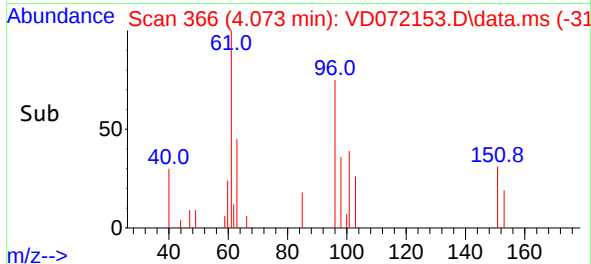
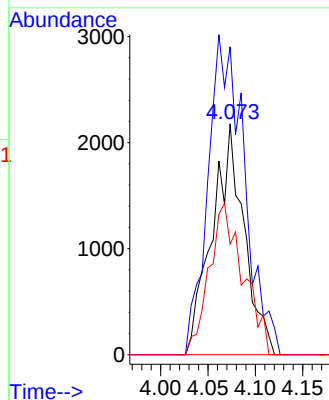
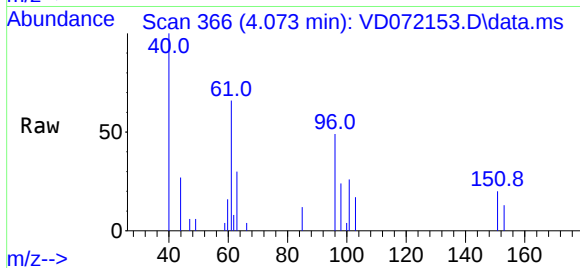
Tgt Ion: 96 Resp: 5093

Ion Ratio Lower Upper

96 100

61 133.4 138.5 207.7#

98 48.0 48.6 73.0#



#13

Acrolein

Concen: 13.064 ug/l

RT: 3.920 min Scan# 340

Delta R.T. -0.000 min

Lab File: VD072153.D

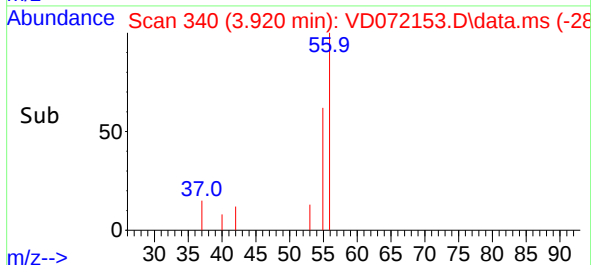
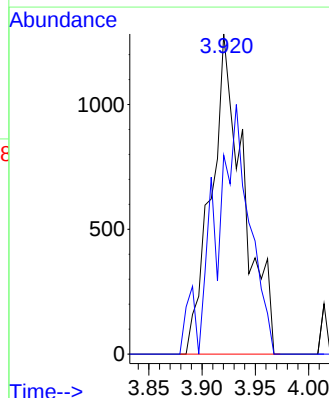
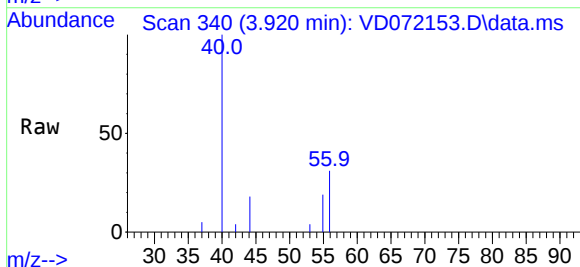
Acq: 11 Mar 2022 16:40

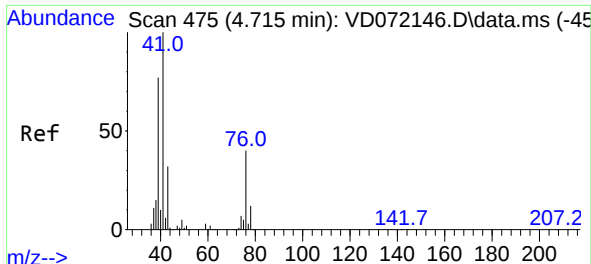
Tgt Ion: 56 Resp: 2722

Ion Ratio Lower Upper

56 100

55 82.3 57.1 85.7

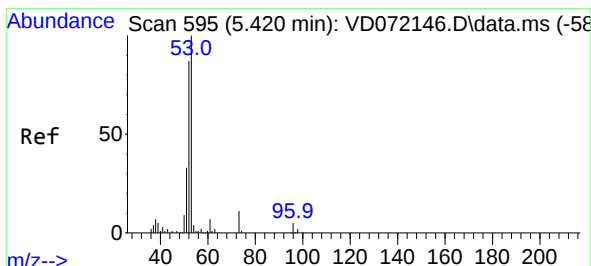
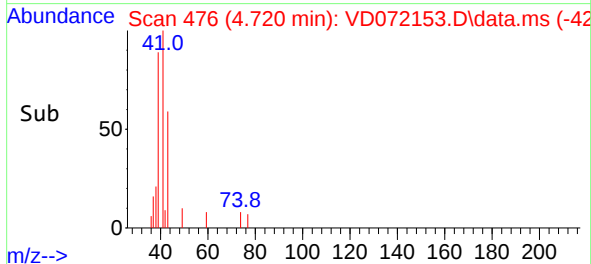
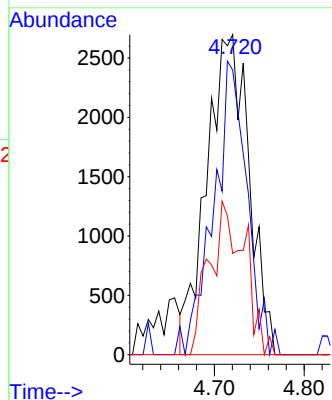
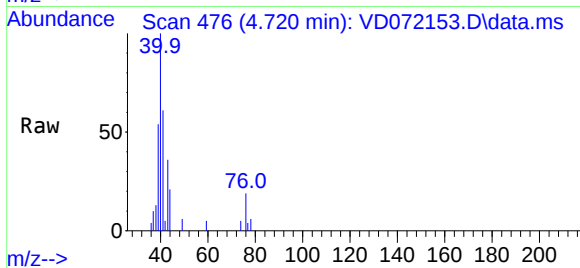




#14
 Allyl chloride
 Concen: 1.516 ug/l
 RT: 4.720 min Scan# 41
 Delta R.T. 0.006 min
 Lab File: VD072153.D
 Acq: 11 Mar 2022 16:40

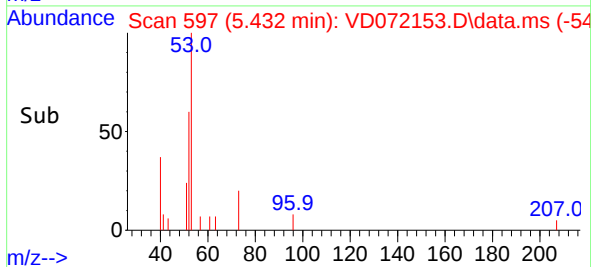
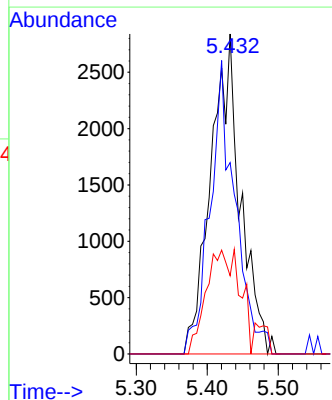
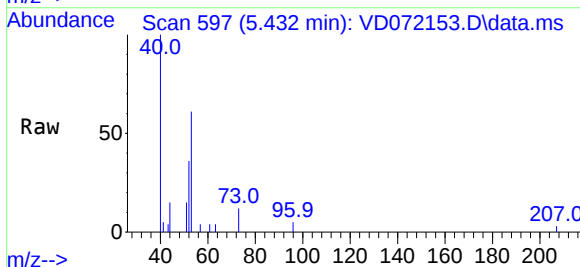
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

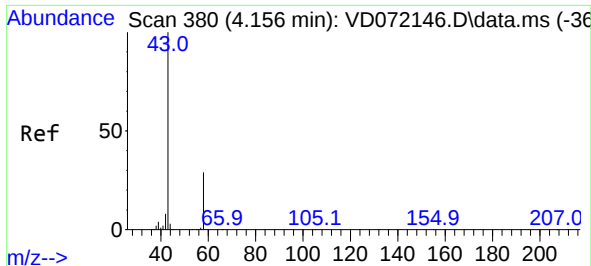
Tgt Ion:	41	Resp:	8801
Ion	Ratio	Lower	Upper
41	100		
39	72.9	59.3	88.9
76	40.0	25.7	38.5



#15
 Acrylonitrile
 Concen: 9.158 ug/l
 RT: 5.432 min Scan# 597
 Delta R.T. 0.012 min
 Lab File: VD072153.D
 Acq: 11 Mar 2022 16:40

Tgt Ion:	53	Resp:	8263
Ion	Ratio	Lower	Upper
53	100		
52	77.4	67.2	100.8
51	38.8	30.3	45.5

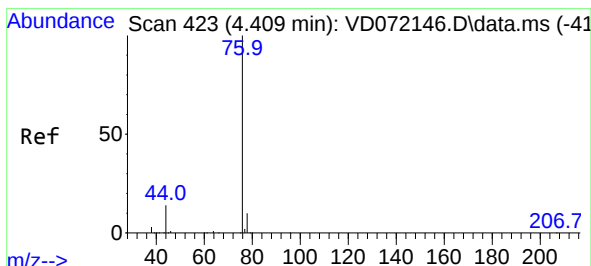
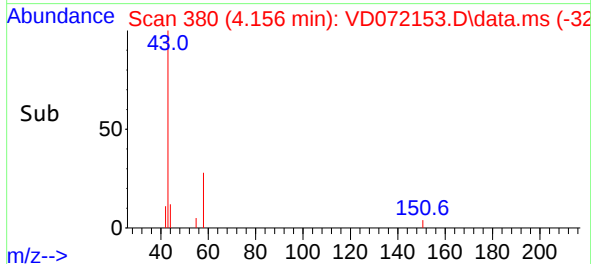
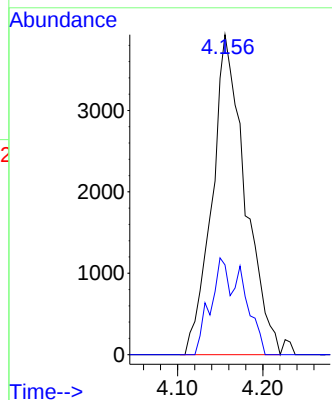
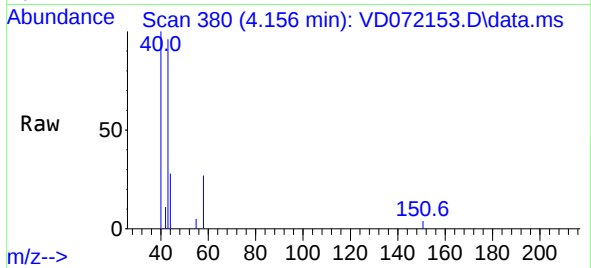




#16
Acetone
Concen: 12.131 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

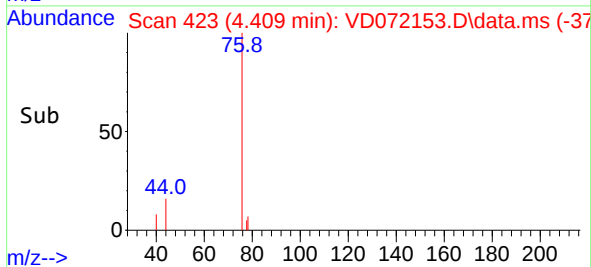
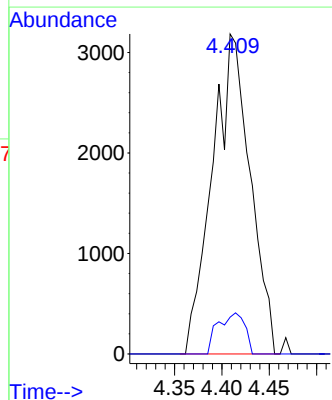
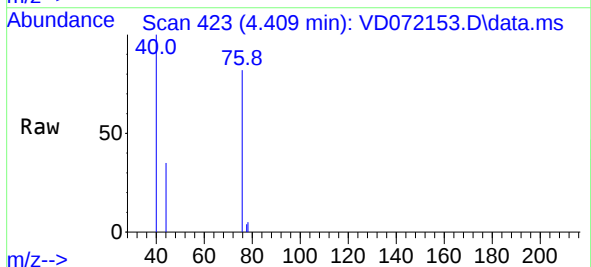
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

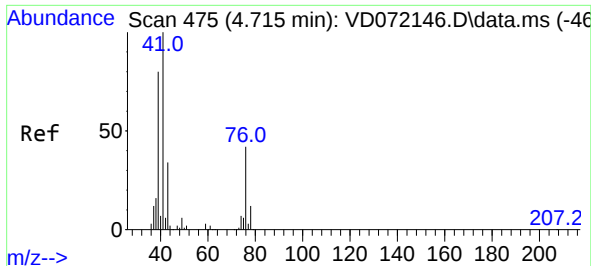
Tgt Ion: 43 Resp: 10607
Ion Ratio Lower Upper
43 100
58 28.1 22.1 33.1



#17
Carbon Disulfide
Concen: 1.304 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 76 Resp: 8832
Ion Ratio Lower Upper
76 100
78 11.5 7.5 11.3#

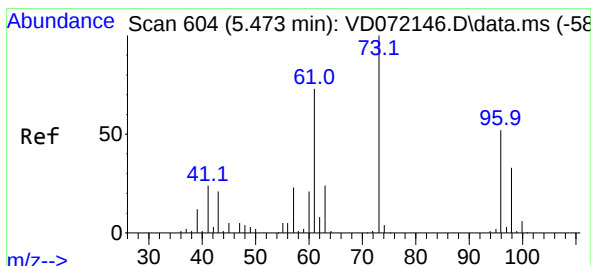
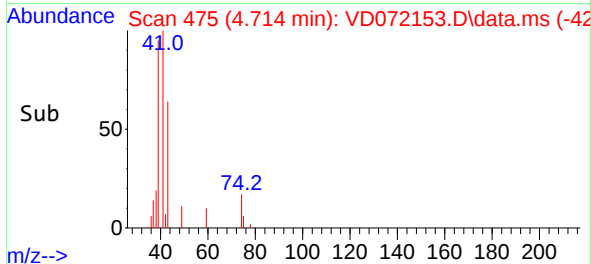
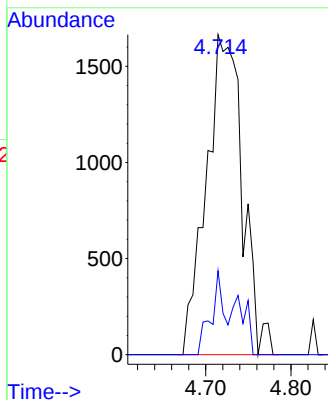
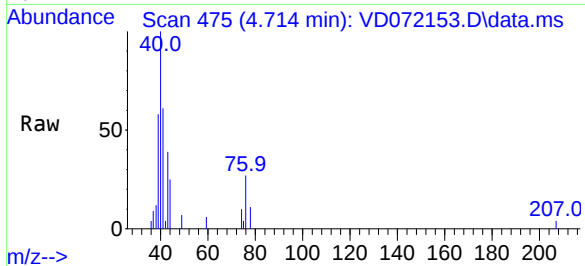




#18
Methyl Acetate
Concen: 2.291 ug/l
RT: 4.714 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

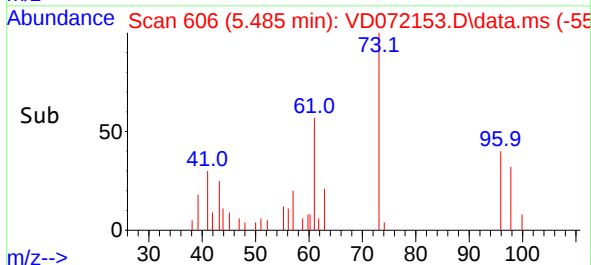
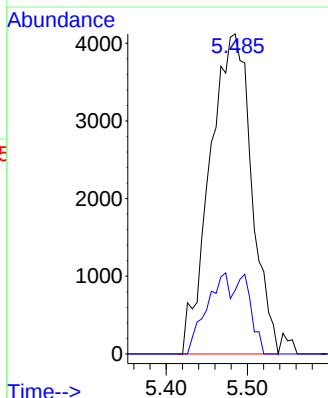
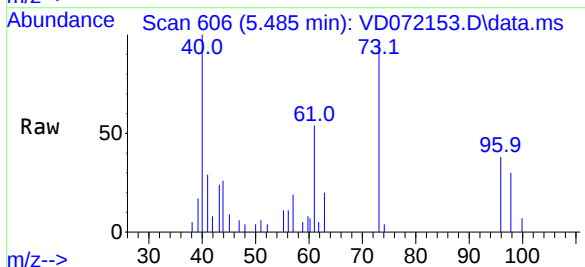
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

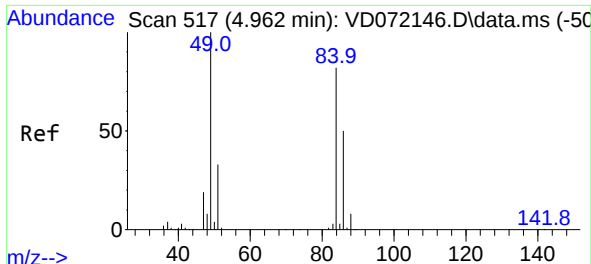
Tgt Ion: 43 Resp: 4910
Ion Ratio Lower Upper
43 100
74 9.4 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: 1.624 ug/l
RT: 5.485 min Scan# 606
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

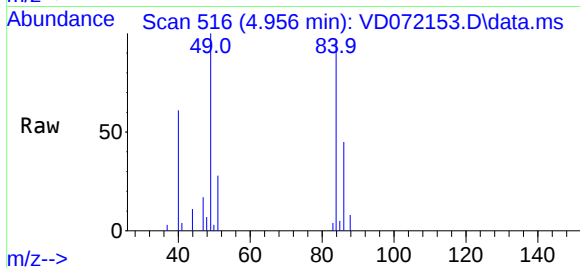
Tgt Ion: 73 Resp: 14664
Ion Ratio Lower Upper
73 100
57 19.9 18.0 27.0





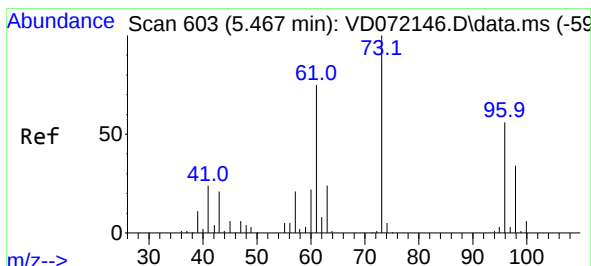
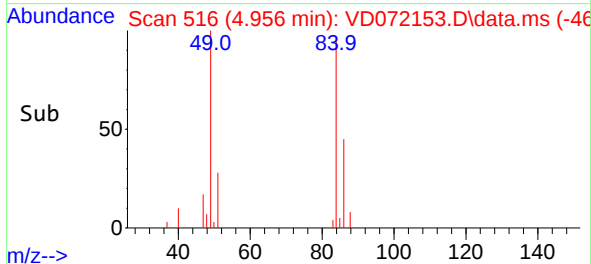
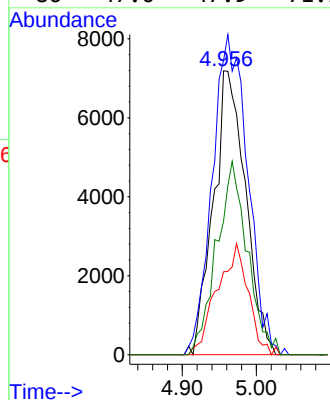
#20
Methylene Chloride
Concen: 4.127 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 84 Resp: 21689

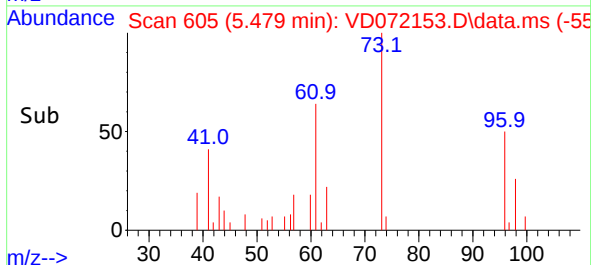
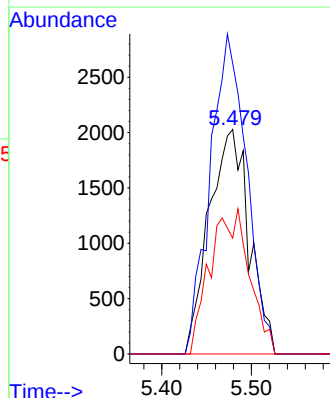
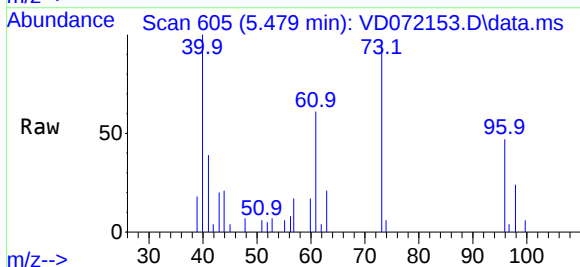
Ion	Ratio	Lower	Upper
84	100		
49	103.7	112.8	169.2#
51	29.2	32.6	48.8#
86	47.0	47.9	71.9#

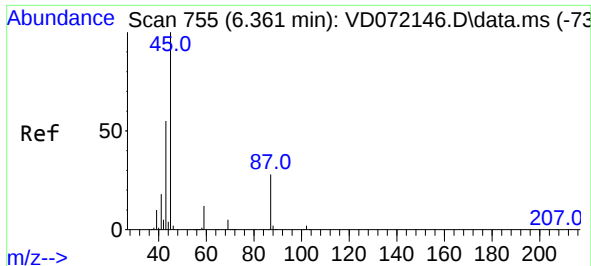


#21
trans-1,2-Dichloroethene
Concen: 1.710 ug/l
RT: 5.479 min Scan# 605
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 96 Resp: 6281

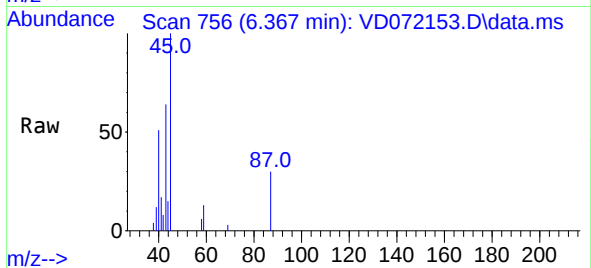
Ion	Ratio	Lower	Upper
96	100		
61	129.4	117.9	176.9
98	51.6	49.4	74.2





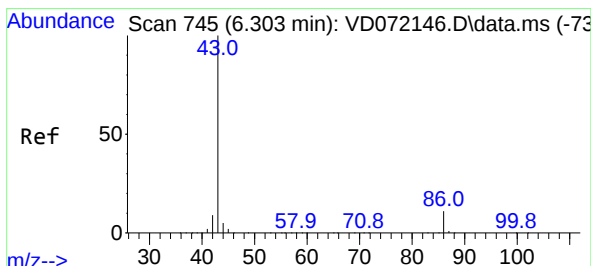
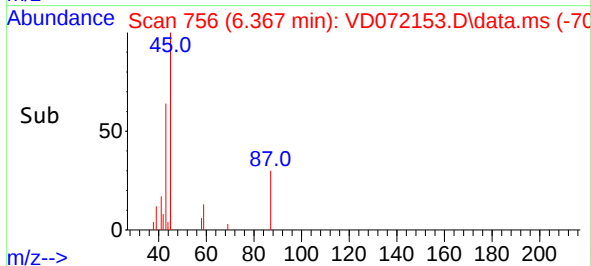
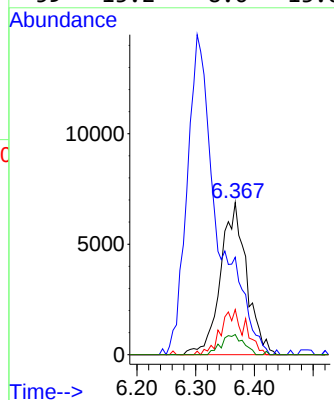
#22
Diisopropyl ether
Concen: 1.599 ug/l
RT: 6.367 min Scan# 755
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



Tgt Ion: 45 Resp: 21173

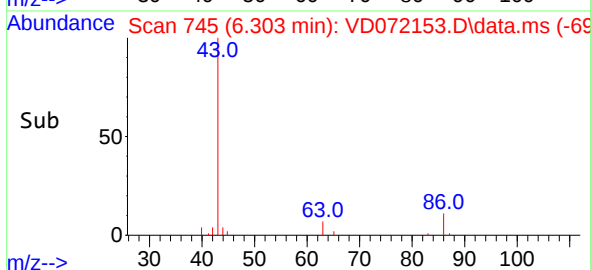
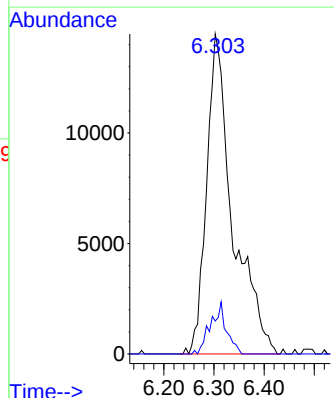
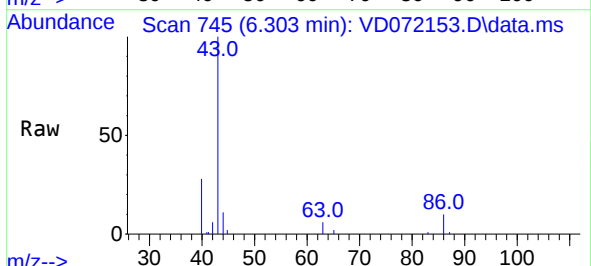
Ion	Ratio	Lower	Upper
45	100		
43	64.0	46.6	70.0
87	29.6	18.4	27.6#
59	13.2	8.6	13.0#

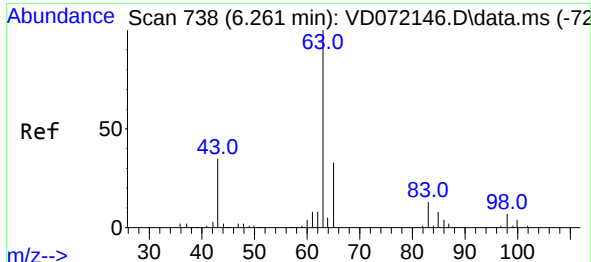


#23
Vinyl Acetate
Concen: 7.752 ug/l
RT: 6.303 min Scan# 745
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 43 Resp: 52399

Ion	Ratio	Lower	Upper
43	100		
86	10.3	7.1	10.7





#24

1,1-Dichloroethane

Concen: 1.801 ug/l

RT: 6.261 min Scan# 71

Delta R.T. -0.000 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

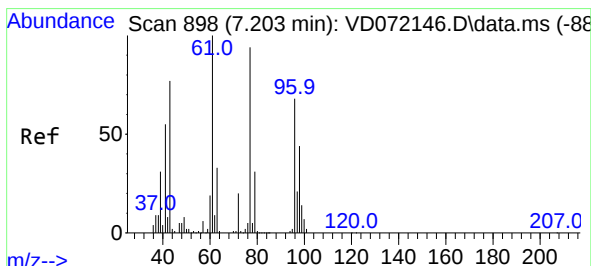
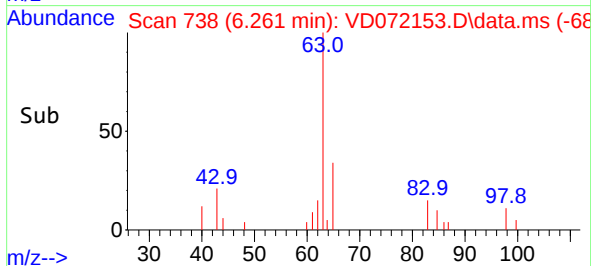
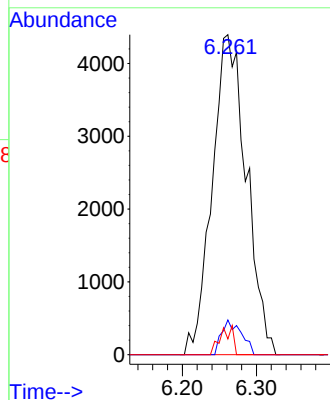
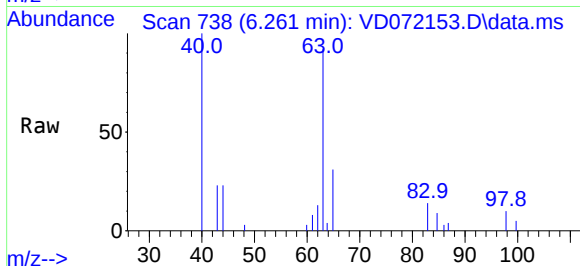
Tgt Ion: 63 Resp: 14070

Ion Ratio Lower Upper

63 100

98 10.9 3.6 10.9

100 4.9 2.1 6.5



#25

2-Butanone

Concen: 9.691 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD072153.D

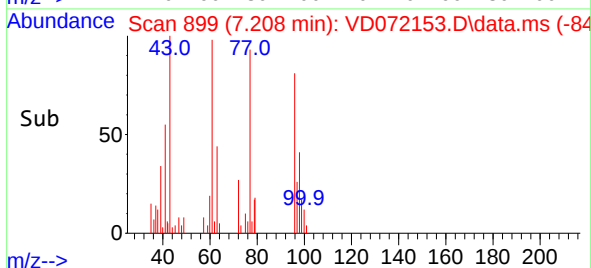
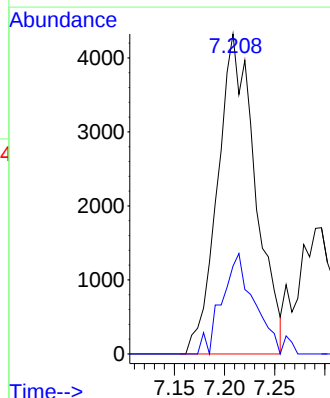
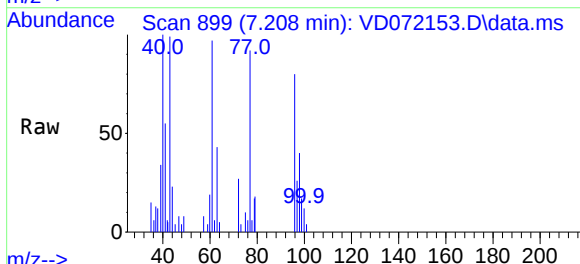
Acq: 11 Mar 2022 16:40

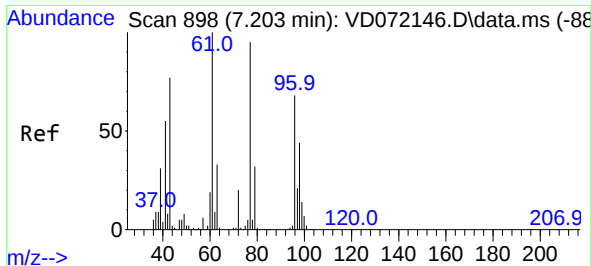
Tgt Ion: 43 Resp: 11298

Ion Ratio Lower Upper

43 100

72 27.5 18.6 27.8





#26

2,2-Dichloropropane

Concen: 1.718 ug/l

RT: 7.208 min Scan# 899

Delta R.T. 0.006 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

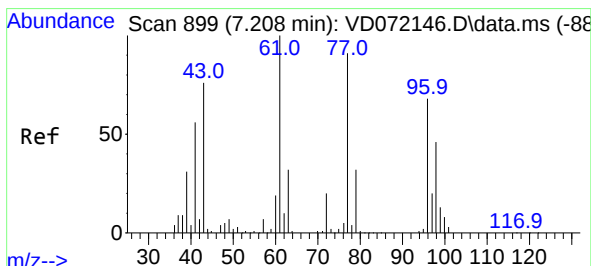
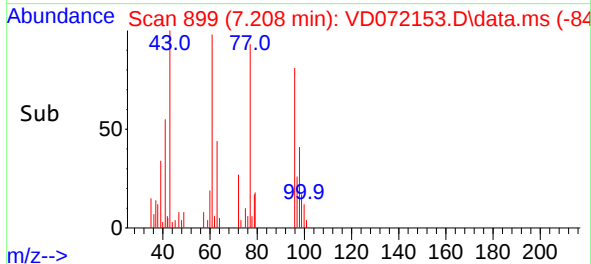
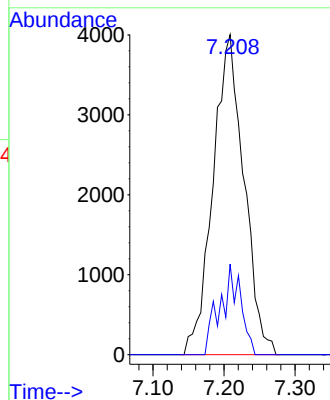
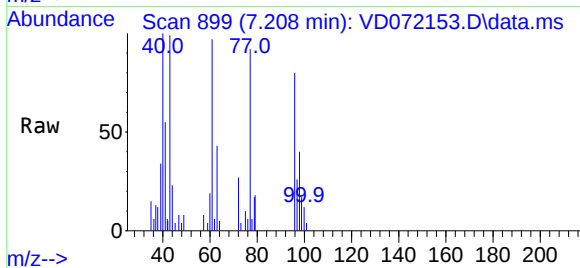
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 77 Resp: 12111

Ion Ratio Lower Upper

77 100

97 14.6 10.8 32.4



#27

cis-1,2-Dichloroethene

Concen: 1.702 ug/l

RT: 7.208 min Scan# 899

Delta R.T. -0.000 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

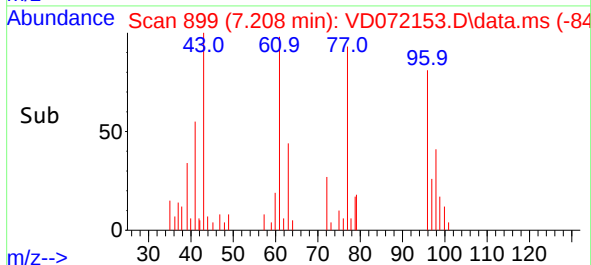
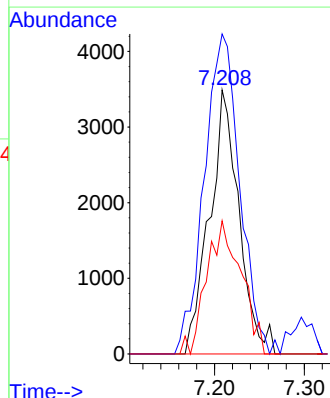
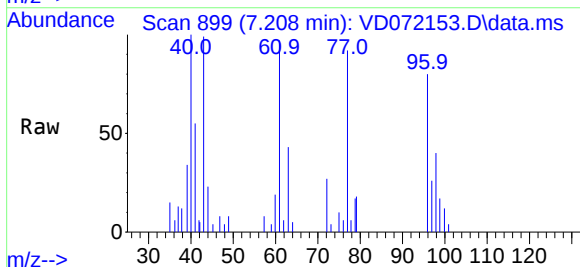
Tgt Ion: 96 Resp: 7984

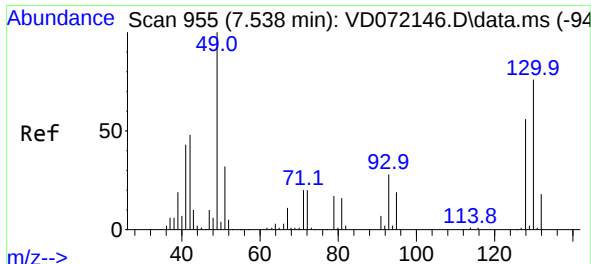
Ion Ratio Lower Upper

96 100

61 144.5 0.0 313.8

98 59.0 0.0 128.8

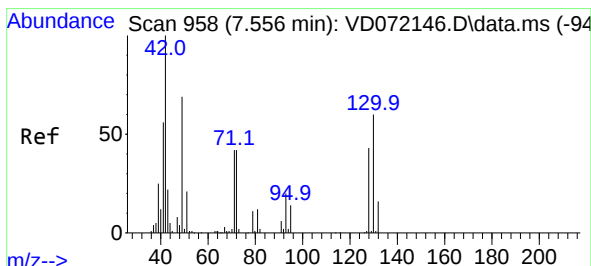
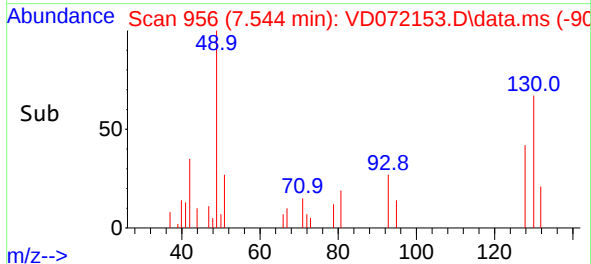
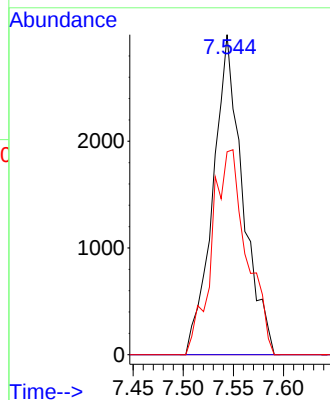
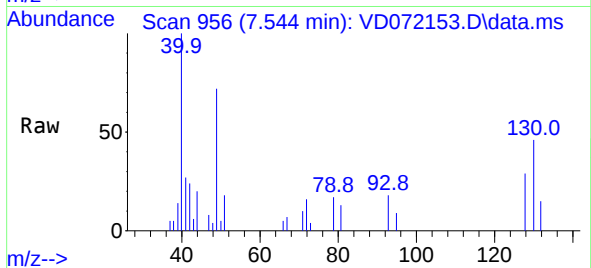




#28
Bromochloromethane
Concen: 1.973 ug/l
RT: 7.544 min Scan# 91
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

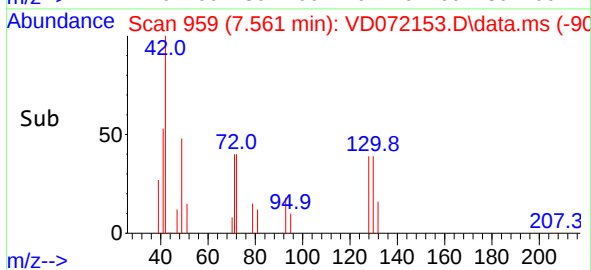
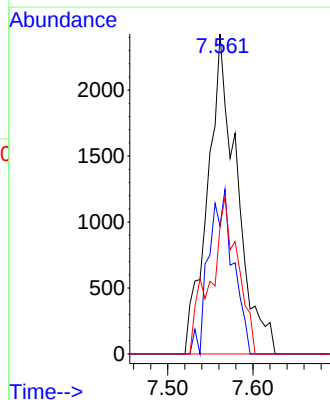
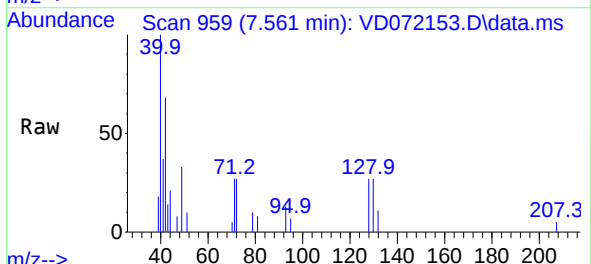
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

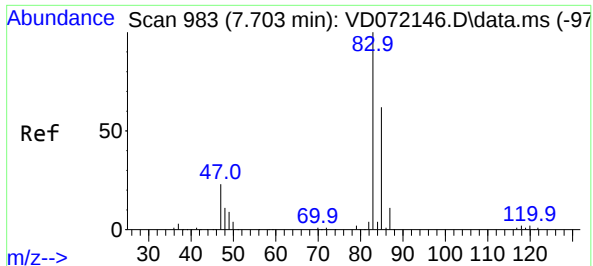
Tgt Ion: 49 Resp: 6203
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 74.8 52.6 79.0



#29
Tetrahydrofuran
Concen: 8.455 ug/l
RT: 7.561 min Scan# 959
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 42 Resp: 5796
Ion Ratio Lower Upper
42 100
72 42.8 30.7 46.1
71 45.8 28.6 43.0#

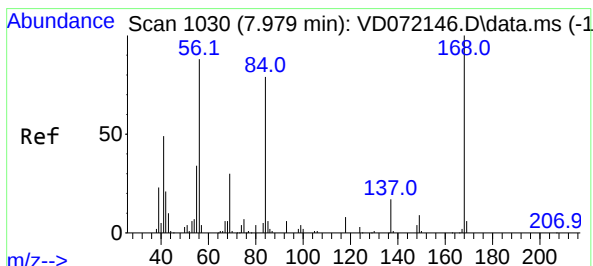
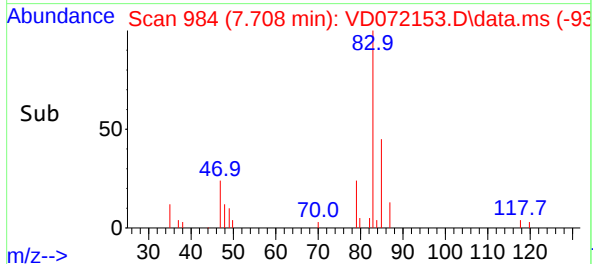
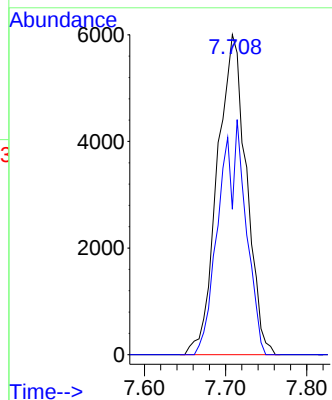
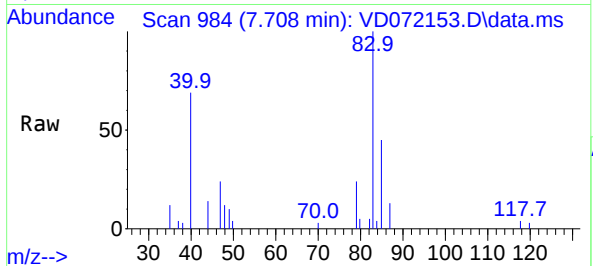




#30
Chloroform
Concen: 1.796 ug/l
RT: 7.708 min Scan# 984
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

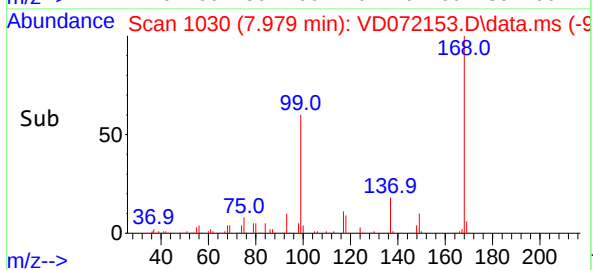
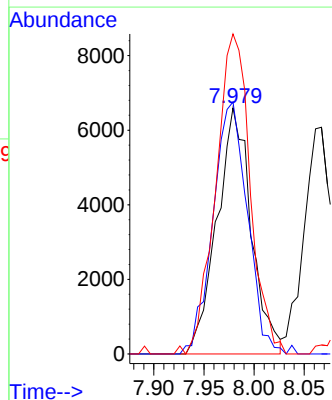
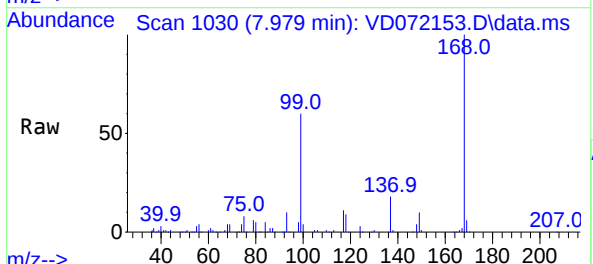
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

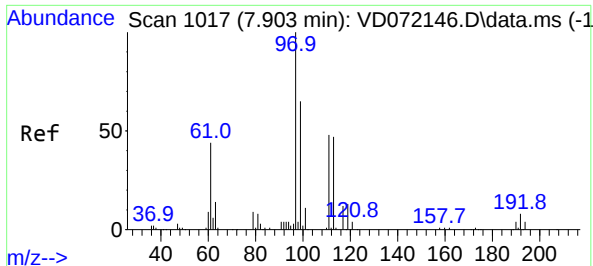
Tgt Ion: 83 Resp: 14944
Ion Ratio Lower Upper
83 100
85 45.5 52.7 79.1#



#31
Cyclohexane
Concen: 2.495 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 56 Resp: 15701
Ion Ratio Lower Upper
56 100
69 102.4 25.4 38.2#
84 126.8 63.0 94.4#

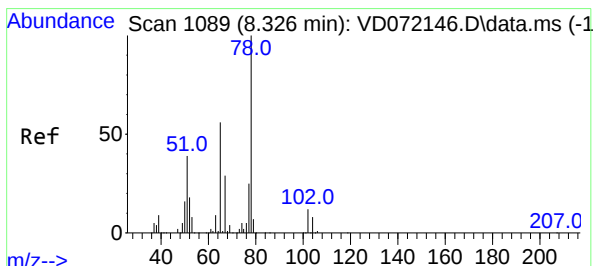
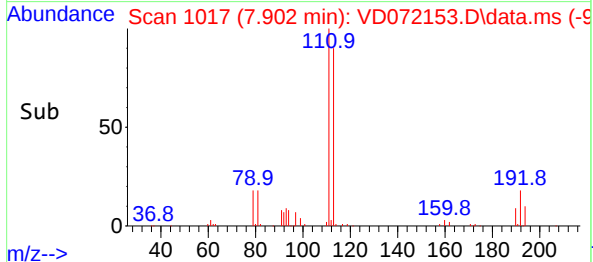
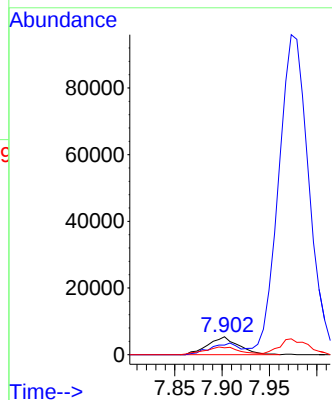
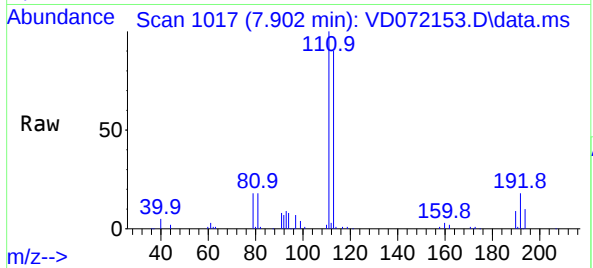




#32
1,1,1-Trichloroethane
Concen: 1.636 ug/l
RT: 7.902 min Scan# 1017
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

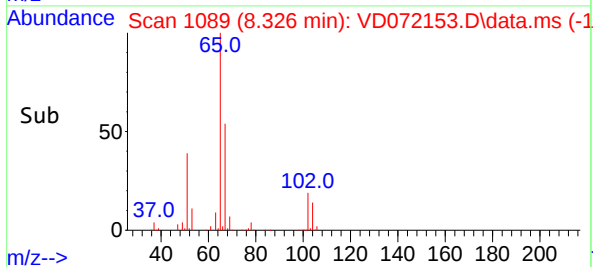
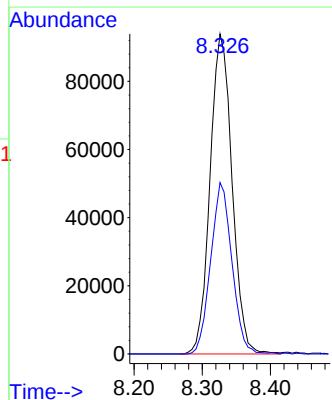
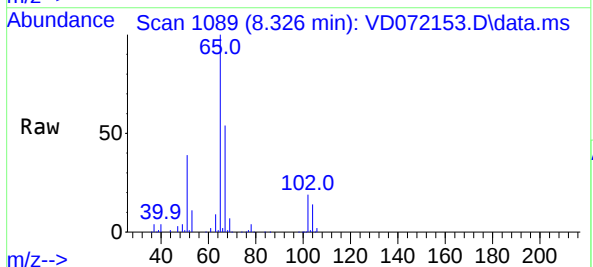
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

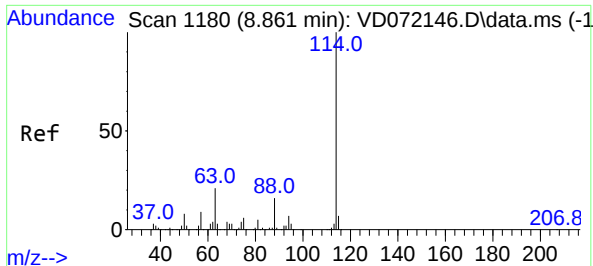
Tgt Ion: 97 Resp: 12092
Ion Ratio Lower Upper
97 100
99 57.6 52.4 78.6
61 49.7 38.0 57.0



#33
1,2-Dichloroethane-d4
Concen: 52.408 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 65 Resp: 211059
Ion Ratio Lower Upper
65 100
67 51.7 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: VD072153.D

Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

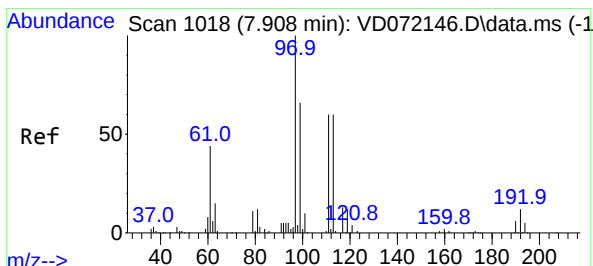
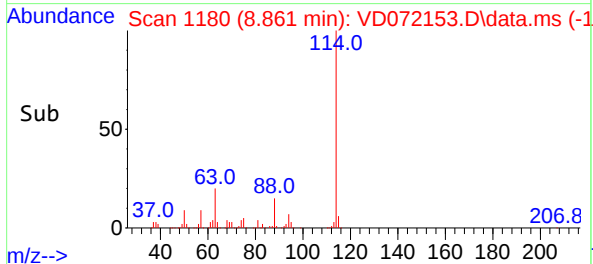
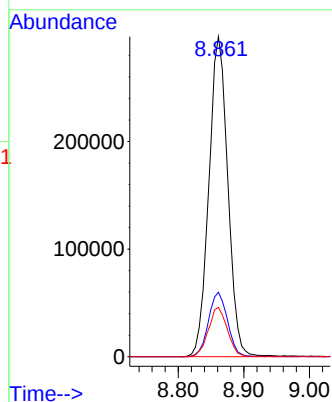
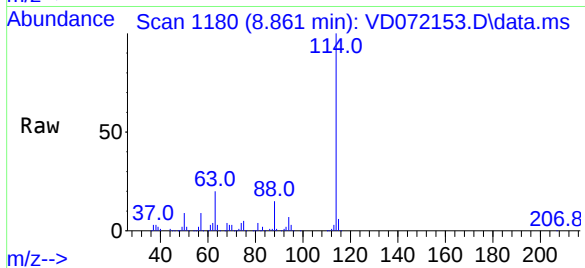
Tgt Ion:114 Resp: 596838

Ion Ratio Lower Upper

114 100

63 20.1 0.0 46.6

88 15.4 0.0 33.2



#35

Dibromofluoromethane

Concen: 48.980 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

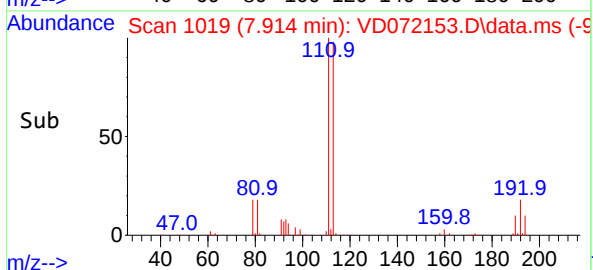
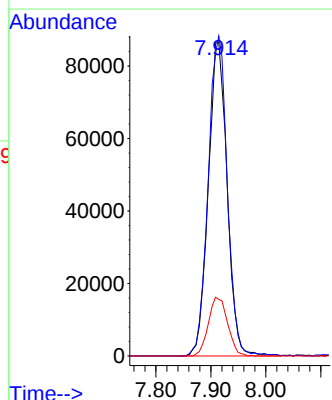
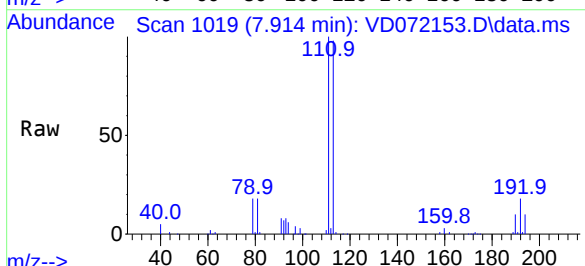
Tgt Ion:113 Resp: 205717

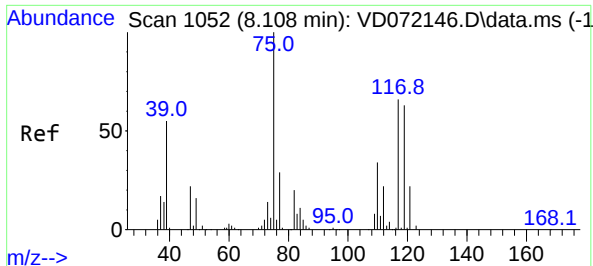
Ion Ratio Lower Upper

113 100

111 103.8 83.8 125.6

192 19.2 14.6 21.8

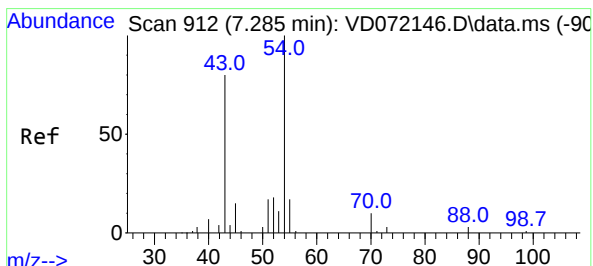
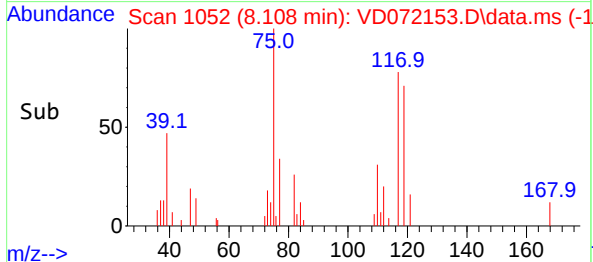
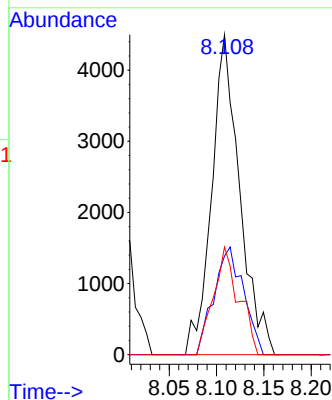
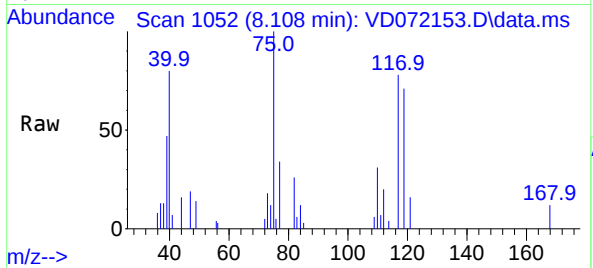




#36
1,1-Dichloropropene
Concen: 1.572 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

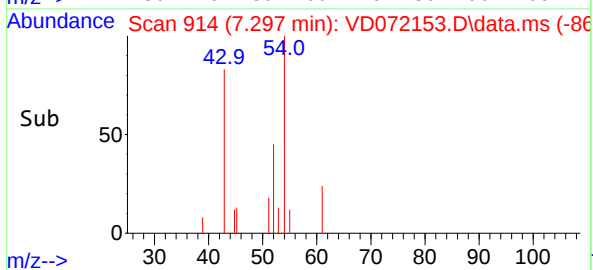
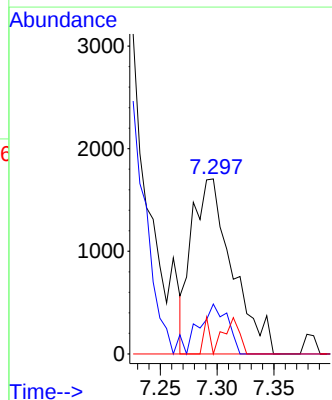
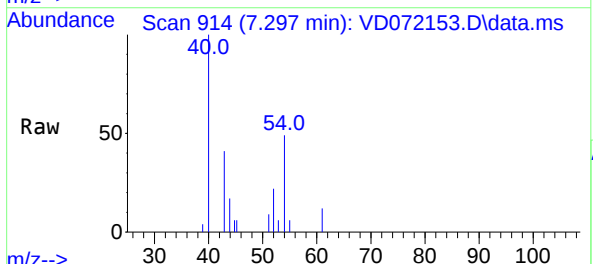
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

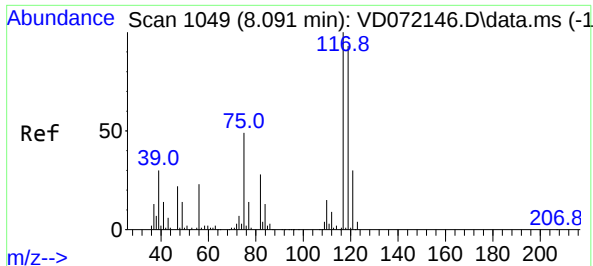
Tgt Ion:	75	Resp:	9265
Ion	Ratio	Lower	Upper
75	100		
110	35.5	16.4	49.1
77	30.6	24.2	36.2



#37
Ethyl Acetate
Concen: 1.636 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:	43	Resp:	4223
Ion	Ratio	Lower	Upper
43	100		
61	20.9	9.8	14.8#
70	3.0	6.9	10.3#

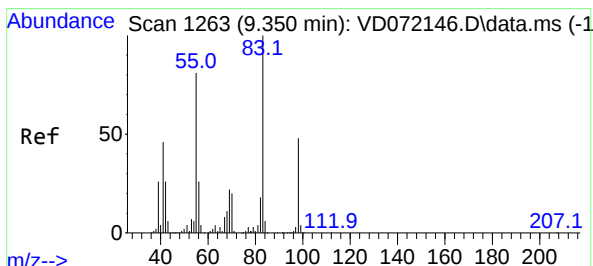
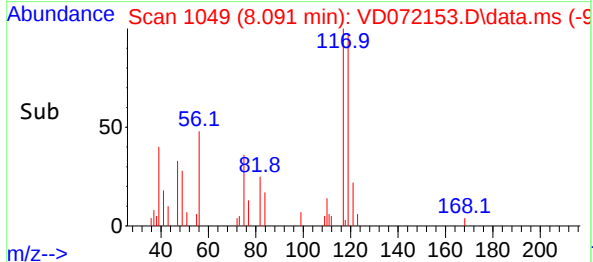
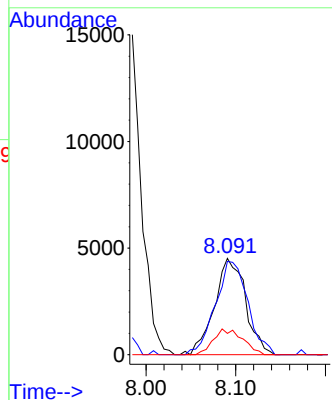
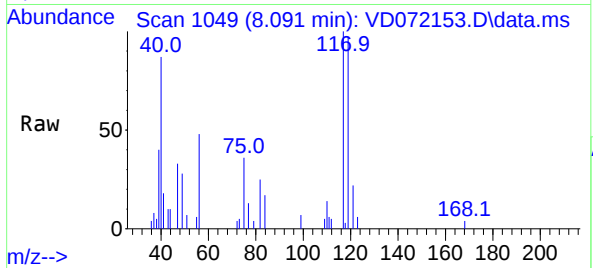




#38
Carbon Tetrachloride
Concen: 1.625 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

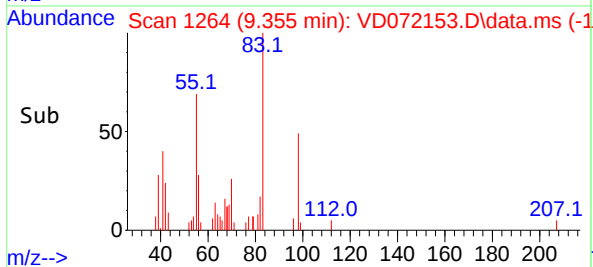
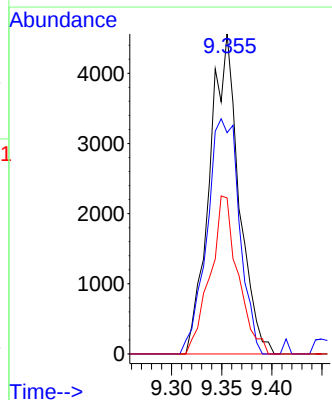
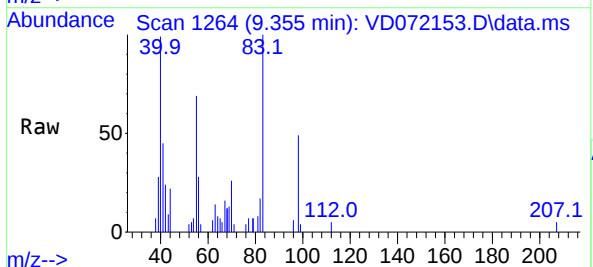
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

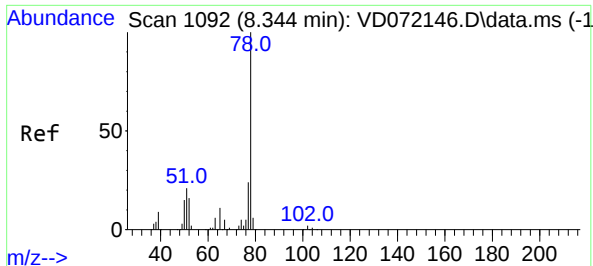
Tgt Ion:117 Resp: 10883
Ion Ratio Lower Upper
117 100
119 96.7 75.8 113.6
121 22.0 24.5 36.7#



#39
Methylcyclohexane
Concen: 1.405 ug/l
RT: 9.355 min Scan# 1264
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 83 Resp: 9314
Ion Ratio Lower Upper
83 100
55 69.1 63.2 94.8
98 48.8 38.2 57.4

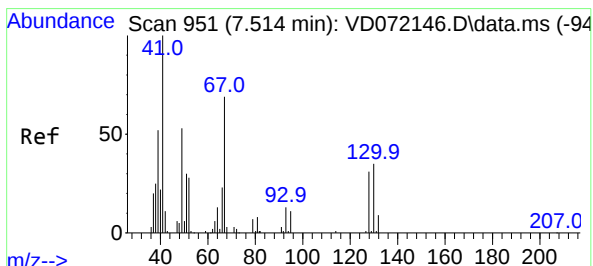
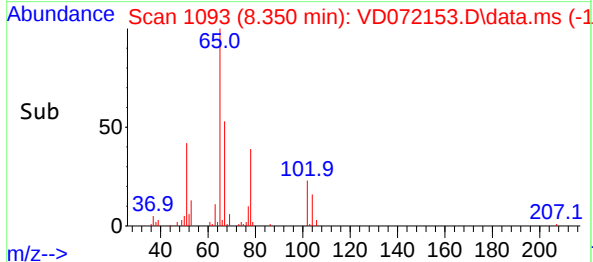
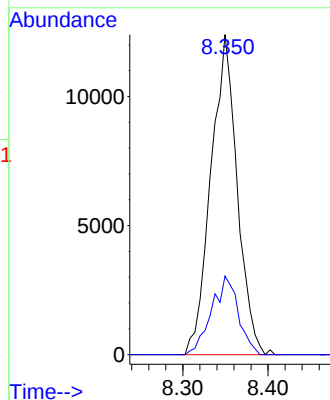
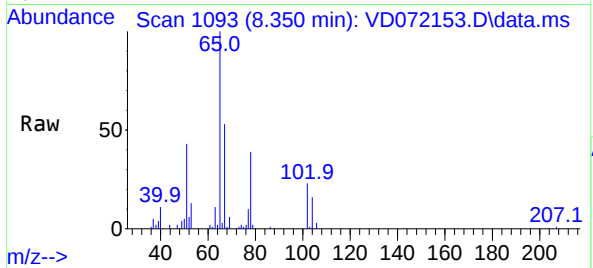




#40
Benzene
Concen: 1.584 ug/l
RT: 8.350 min Scan# 1092
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

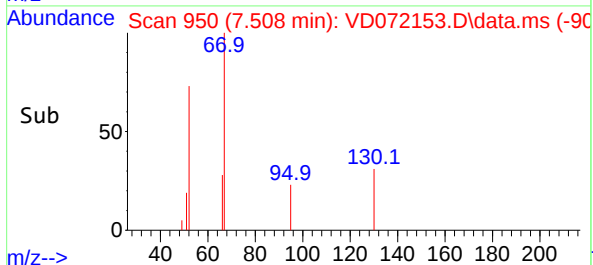
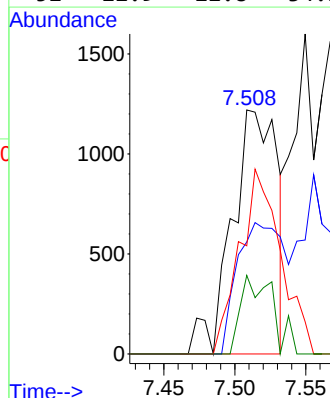
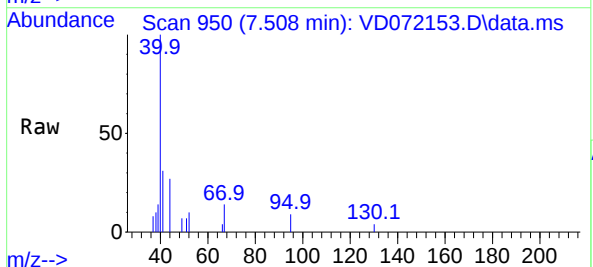
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

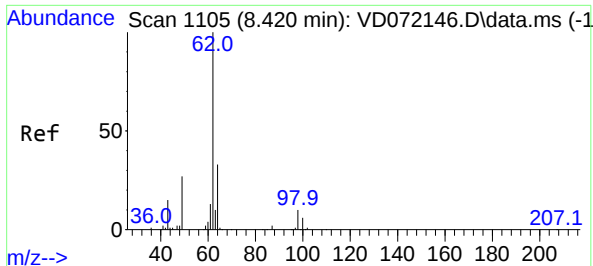
Tgt Ion: 78 Resp: 26627
Ion Ratio Lower Upper
78 100
77 24.6 19.1 28.7



#41
Methacrylonitrile
Concen: 1.801 ug/l
RT: 7.508 min Scan# 950
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 41 Resp: 2709
Ion Ratio Lower Upper
41 100
39 55.9 44.6 67.0
67 68.5 48.2 72.4
52 22.9 22.8 34.2

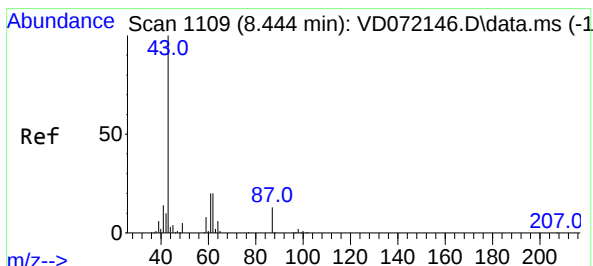
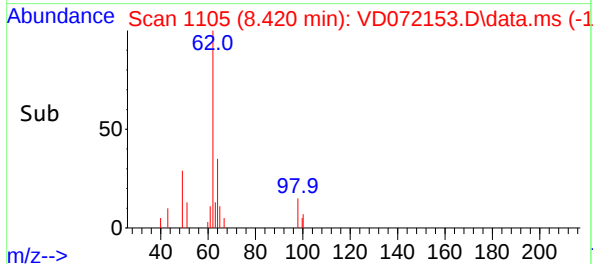
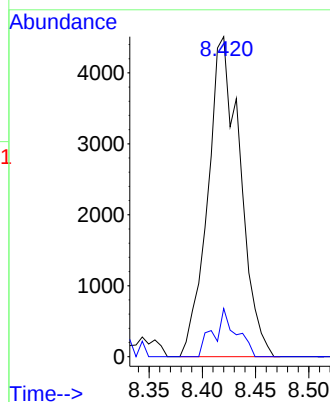
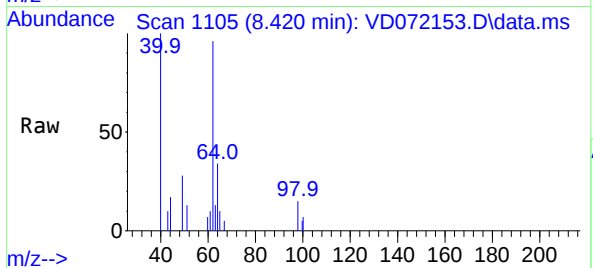




#42
1,2-Dichloroethane
Concen: 1.865 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

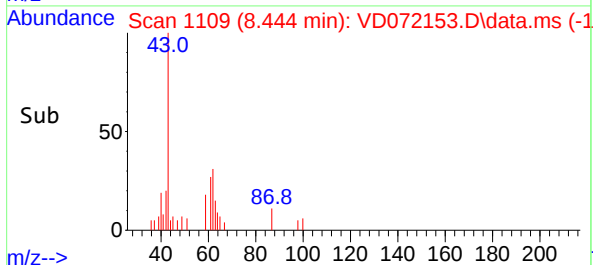
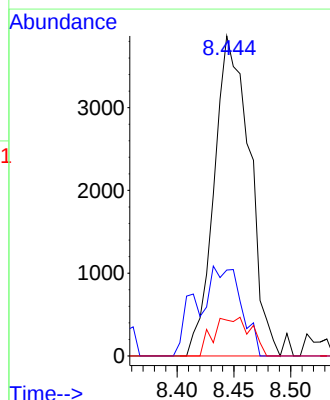
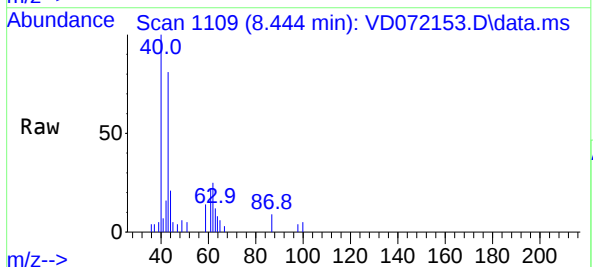
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

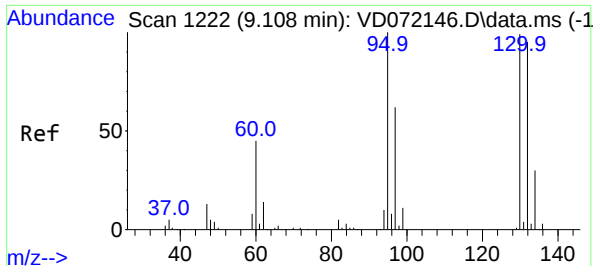
Tgt Ion: 62 Resp: 9512
Ion Ratio Lower Upper
62 100
98 10.4 0.0 17.6



#43
Isopropyl Acetate
Concen: 1.675 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 43 Resp: 8389
Ion Ratio Lower Upper
43 100
61 25.7 22.4 33.6
87 0.0 8.7 13.1#

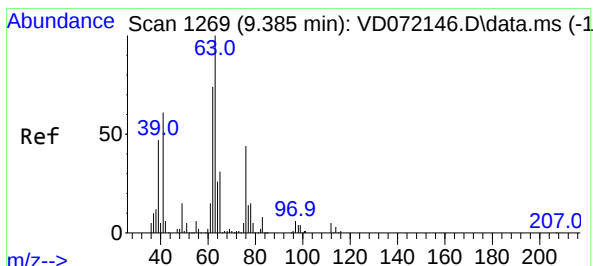
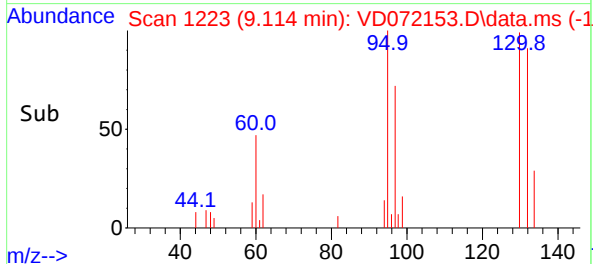
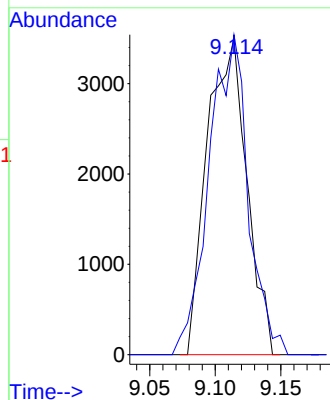
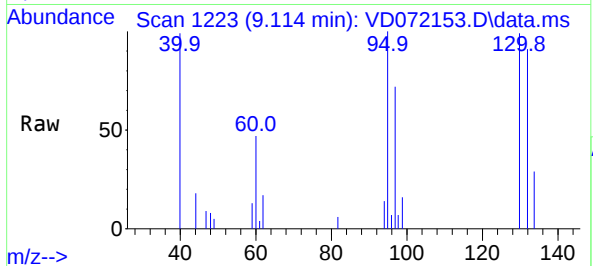




#44
Trichloroethene
Concen: 1.559 ug/l
RT: 9.114 min Scan# 1222
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

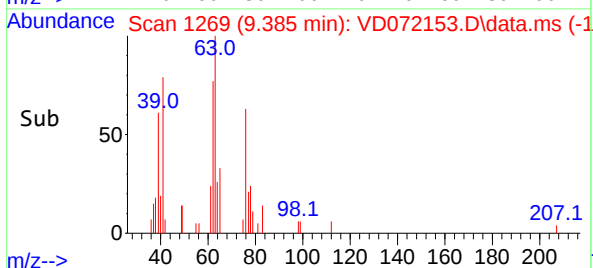
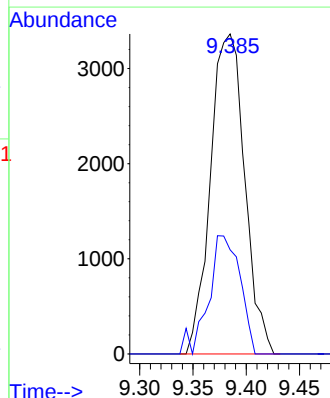
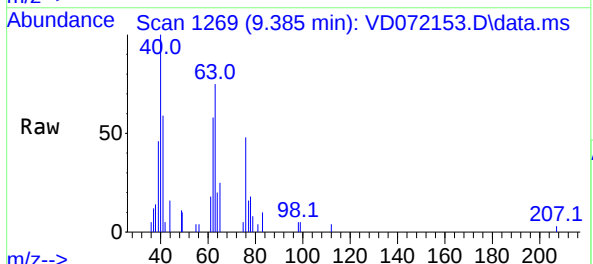
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

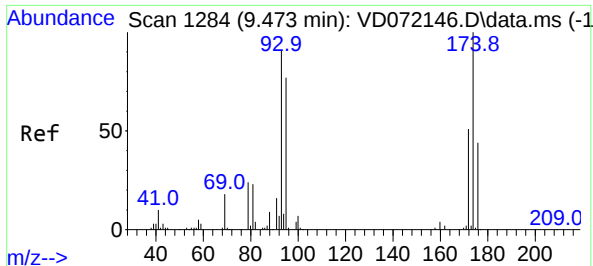
Tgt Ion:130 Resp: 7358
Ion Ratio Lower Upper
130 100
95 95.6 0.0 205.4



#45
1,2-Dichloropropane
Concen: 1.630 ug/l
RT: 9.385 min Scan# 1269
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 63 Resp: 7513
Ion Ratio Lower Upper
63 100
65 32.6 26.2 39.4

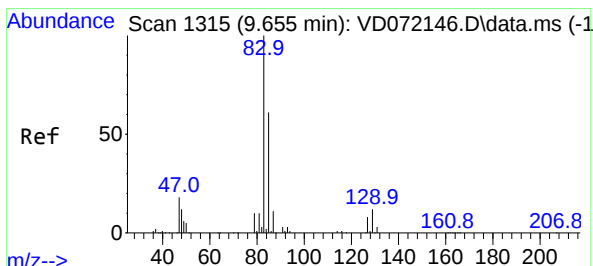
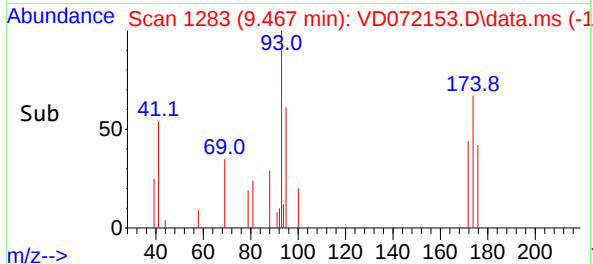
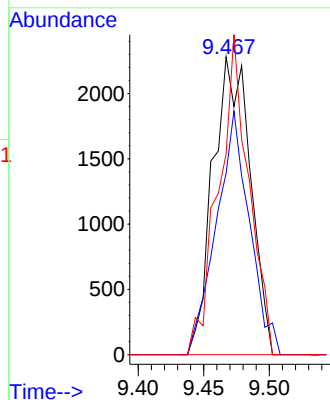
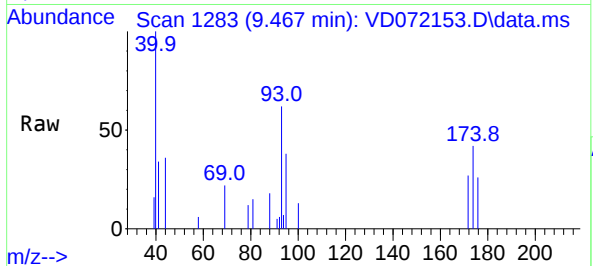




#46
Dibromomethane
Concen: 1.991 ug/l
RT: 9.467 min Scan# 1283
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

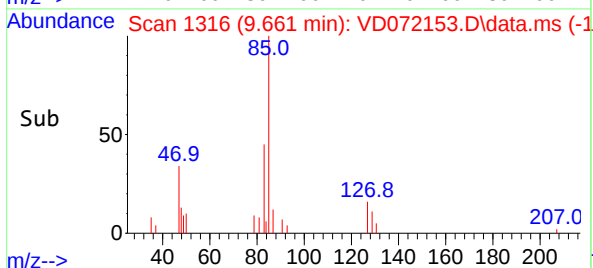
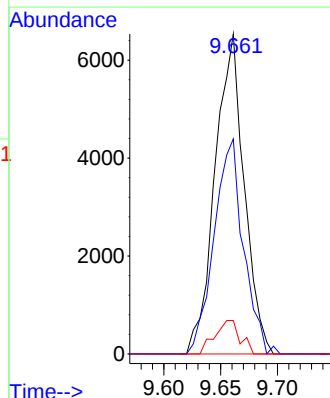
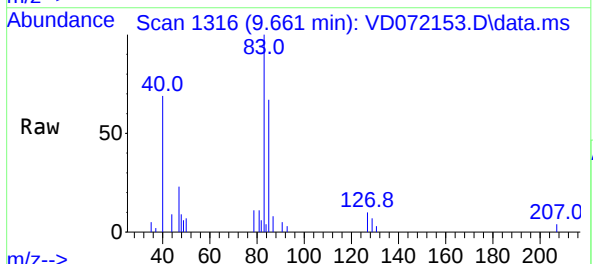
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

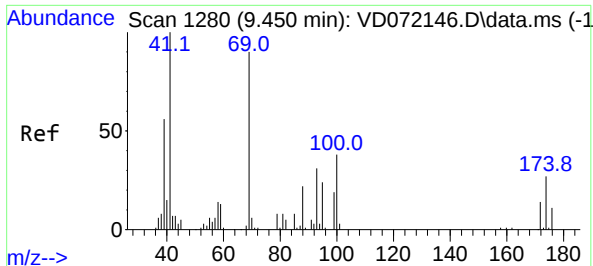
Tgt Ion: 93 Resp: 4514
Ion Ratio Lower Upper
93 100
95 72.7 66.7 100.1
174 87.2 71.6 107.4



#47
Bromodichloromethane
Concen: 1.763 ug/l
RT: 9.661 min Scan# 1316
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 83 Resp: 11658
Ion Ratio Lower Upper
83 100
85 67.2 51.4 77.0
127 10.5 6.1 9.1#





#48

Methyl methacrylate

Concen: 1.880 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

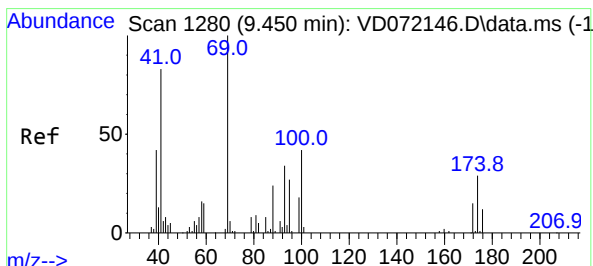
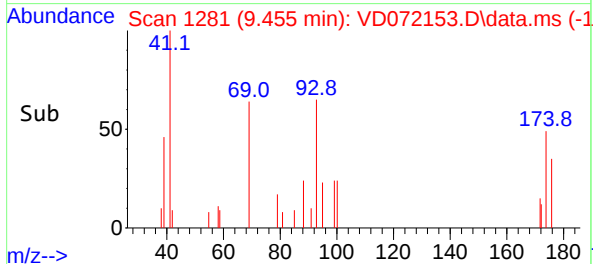
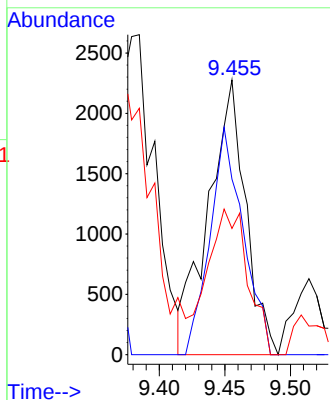
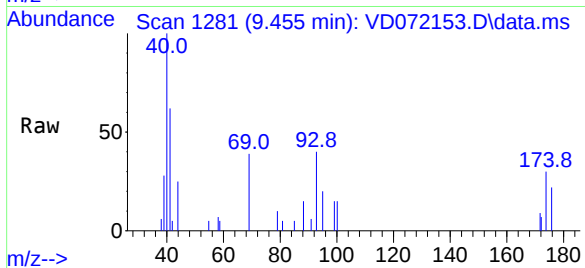
Tgt Ion: 41 Resp: 4496

Ion Ratio Lower Upper

41 100

69 73.7 56.7 85.1

39 57.7 42.7 64.1



#49

1,4-Dioxane

Concen: 44.570 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD072153.D

Acq: 11 Mar 2022 16:40

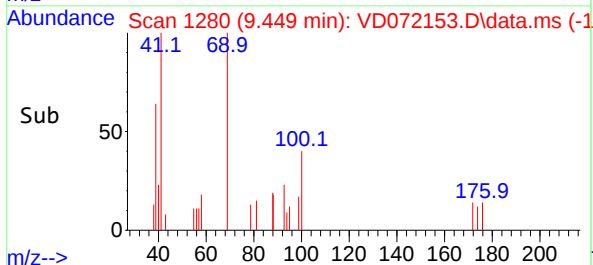
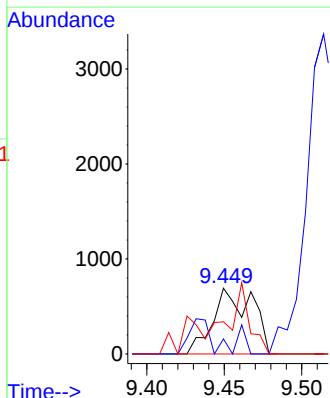
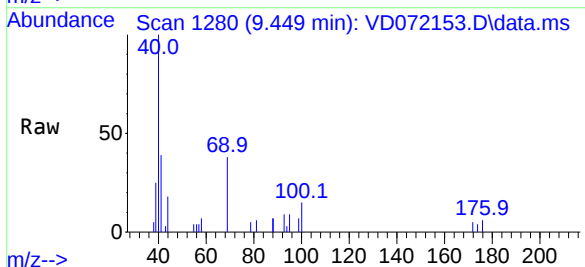
Tgt Ion: 88 Resp: 1212

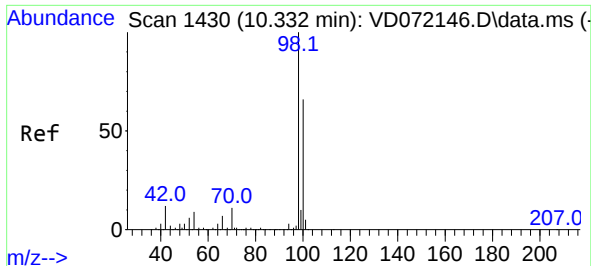
Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 60.7 58.1 87.1

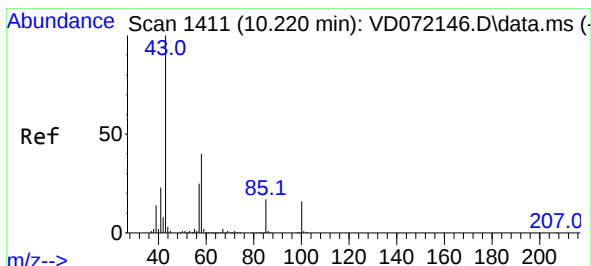
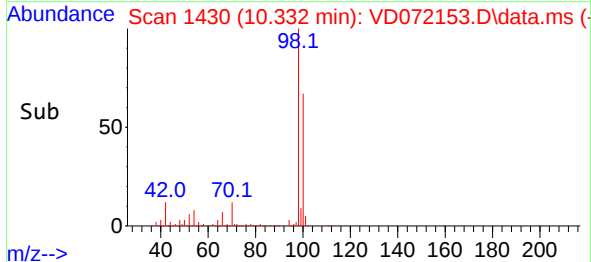
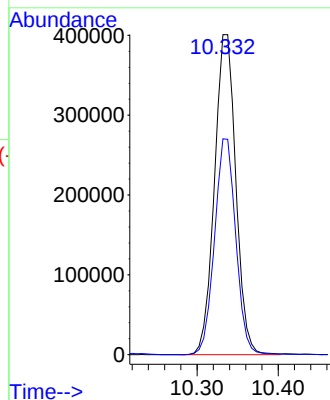
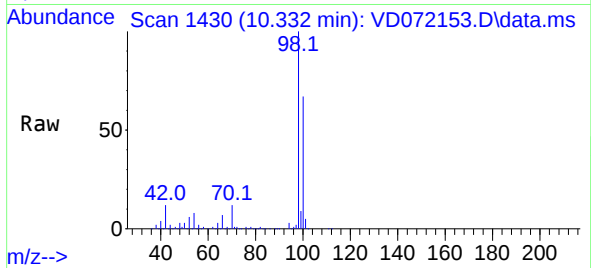




#50
Toluene-d8
Concen: 47.848 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

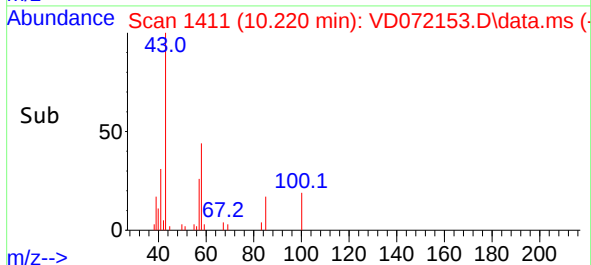
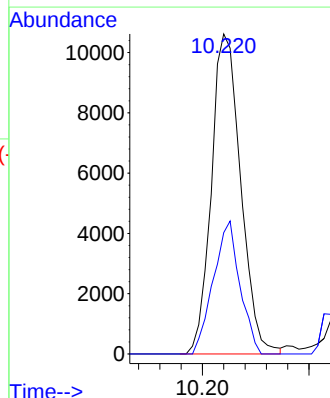
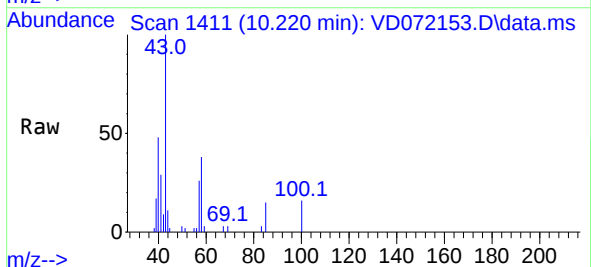
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

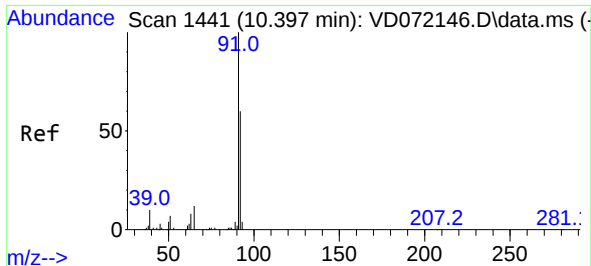
Tgt Ion: 98 Resp: 734819
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 7.707 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 43 Resp: 20277
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0

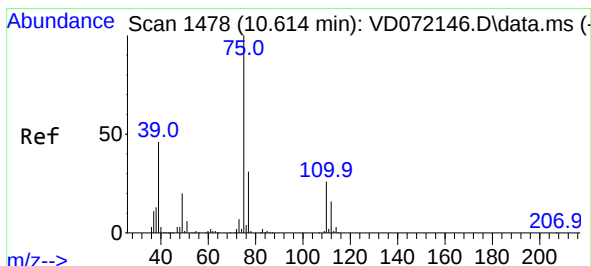
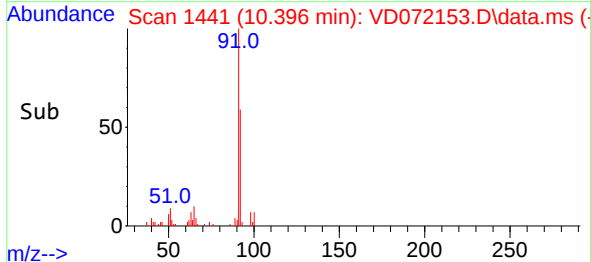
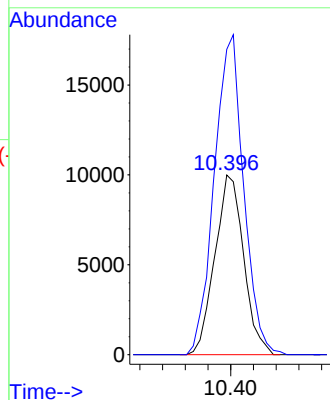
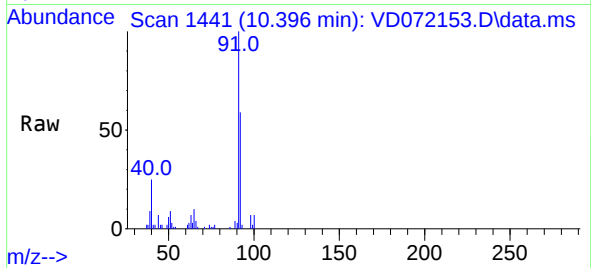




#52
Toluene
Concen: 1.591 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

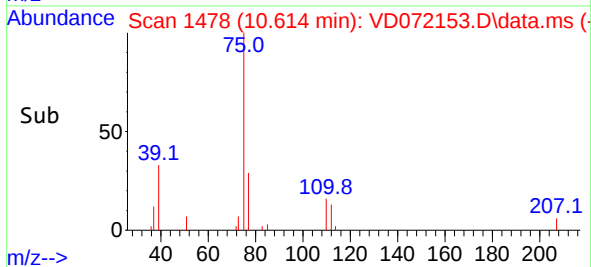
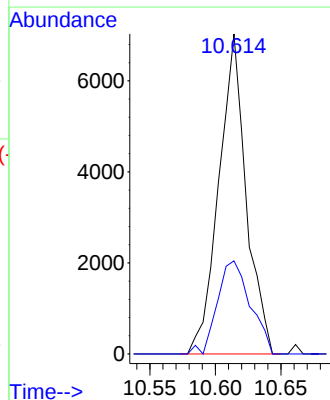
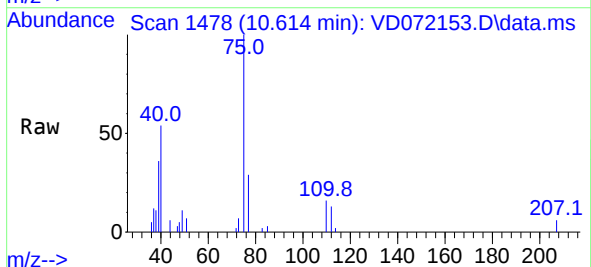
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

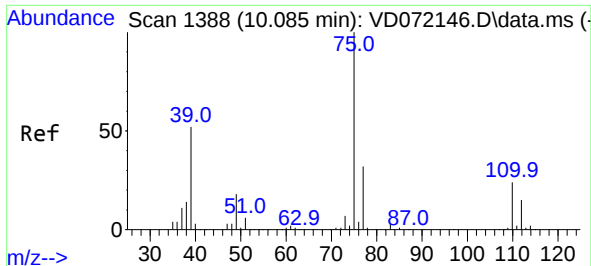
Tgt Ion: 92 Resp: 17595
Ion Ratio Lower Upper
92 100
91 181.5 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 1.686 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 75 Resp: 10182
Ion Ratio Lower Upper
75 100
77 29.1 24.5 36.7

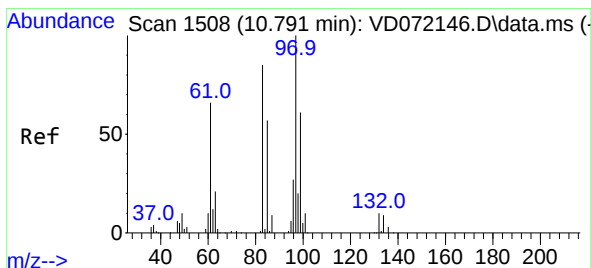
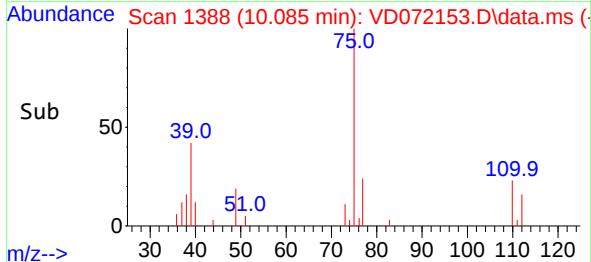
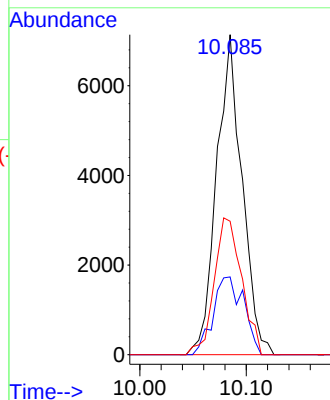
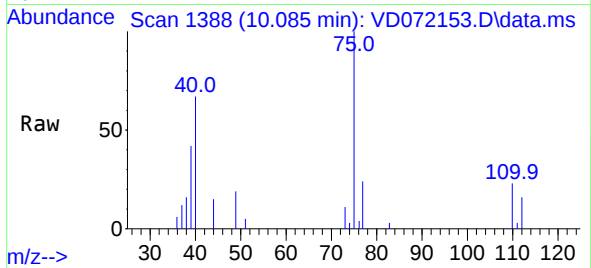




#54
cis-1,3-Dichloropropene
Concen: 1.698 ug/l
RT: 10.085 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

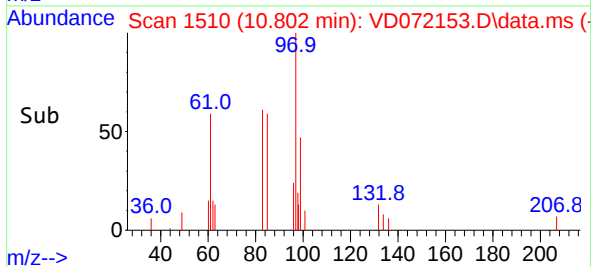
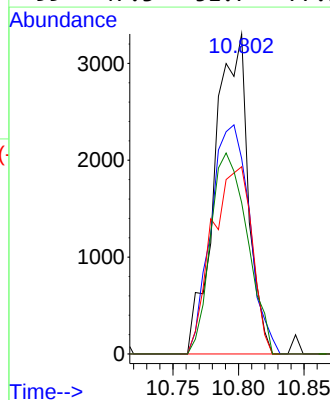
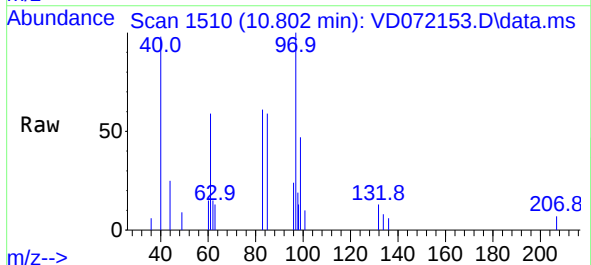
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

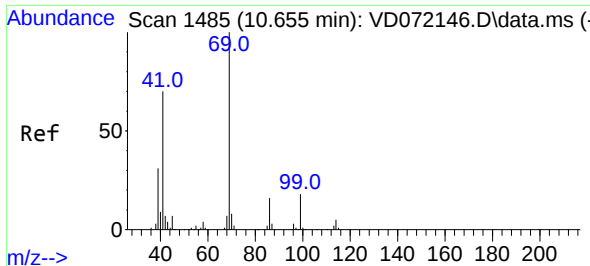
Tgt Ion: 75 Resp: 11856
Ion Ratio Lower Upper
75 100
77 24.3 24.8 37.2#
39 41.7 46.8 70.2#



#55
1,1,2-Trichloroethane
Concen: 1.688 ug/l
RT: 10.802 min Scan# 1510
Delta R.T. 0.012 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 97 Resp: 5831
Ion Ratio Lower Upper
97 100
83 61.1 69.0 103.4#
85 58.5 42.6 63.8
99 47.3 51.7 77.5#

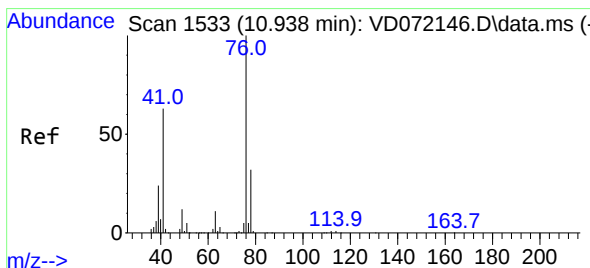
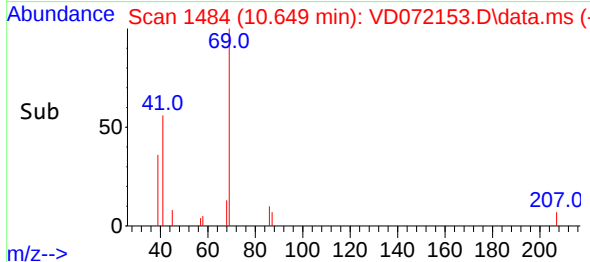
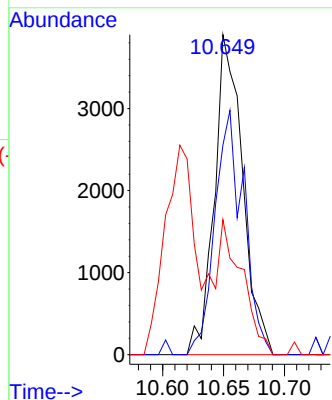
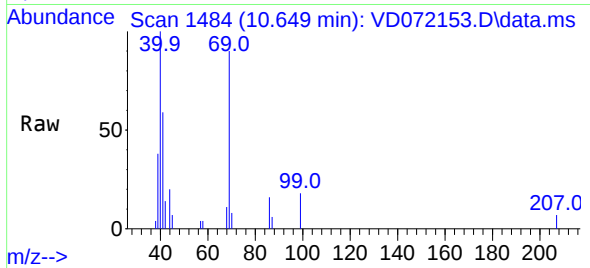




#56
Ethyl methacrylate
Concen: 1.554 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

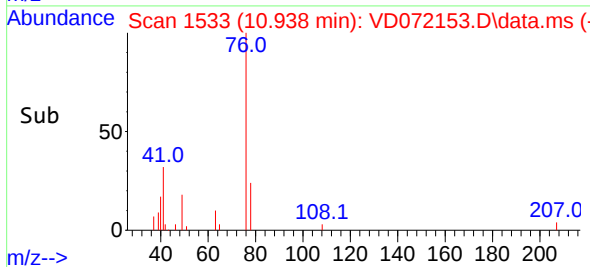
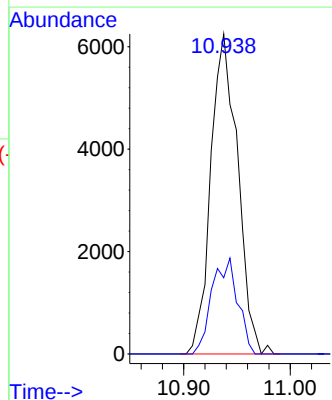
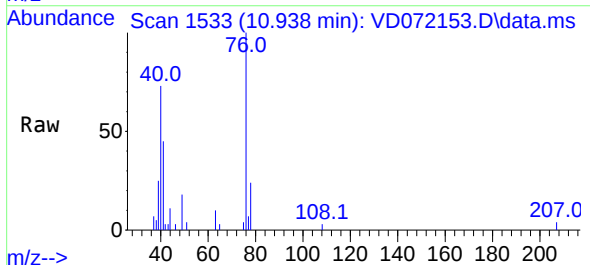
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

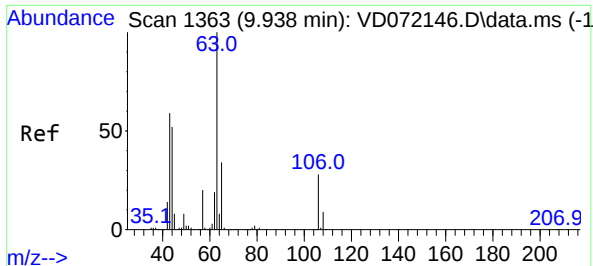
Tgt Ion: 69 Resp: 6287
Ion Ratio Lower Upper
69 100
41 78.2 63.0 94.6
39 33.0 33.8 50.8#



#57
1,3-Dichloropropane
Concen: 1.890 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 76 Resp: 10959
Ion Ratio Lower Upper
76 100
78 28.7 26.0 39.0

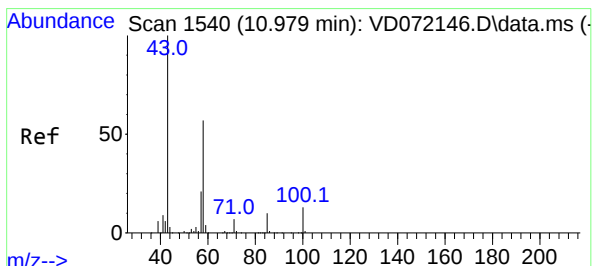
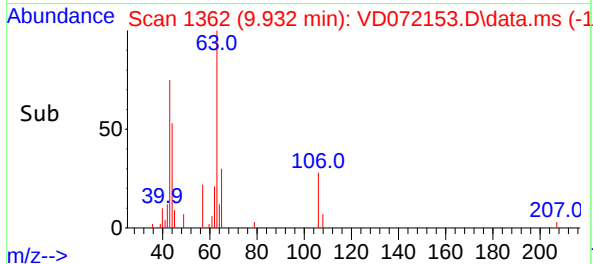
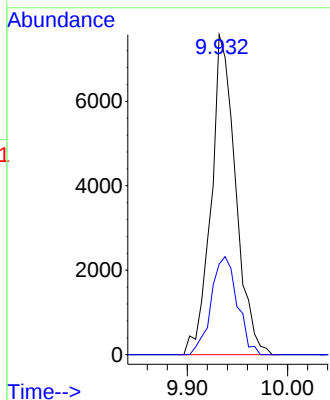
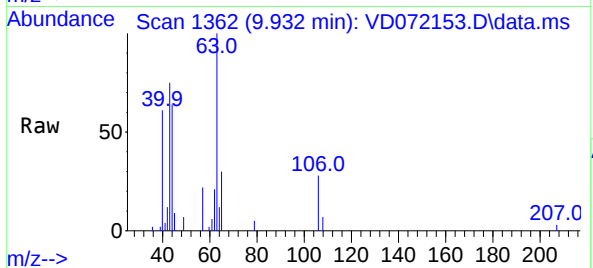




#58
2-Chloroethyl Vinyl ether
Concen: 7.067 ug/l
RT: 9.932 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

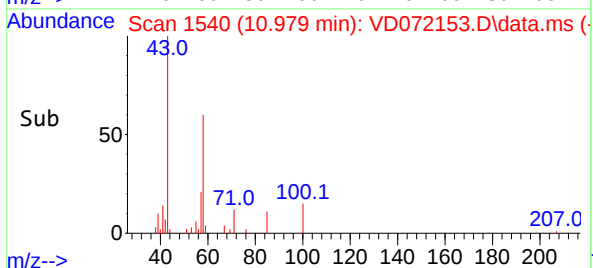
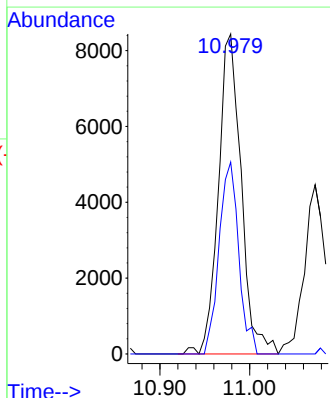
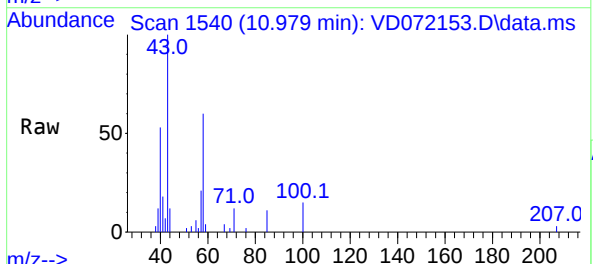
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

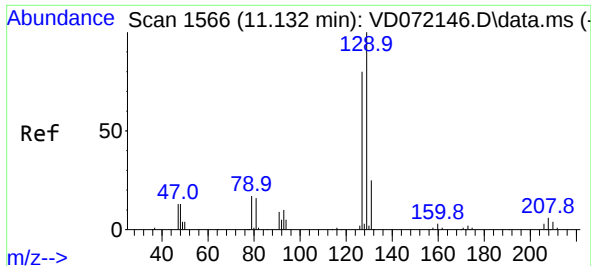
Tgt Ion: 63 Resp: 12857
Ion Ratio Lower Upper
63 100
106 32.7 21.4 32.0#



#59
2-Hexanone
Concen: 8.198 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 43 Resp: 14897
Ion Ratio Lower Upper
43 100
58 51.7 25.3 75.9

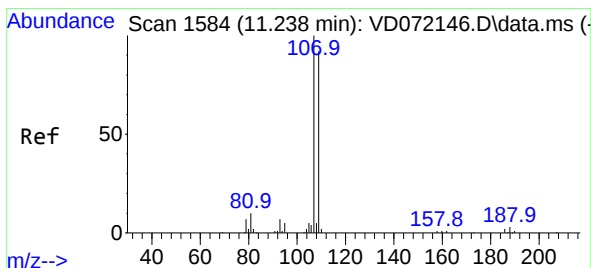
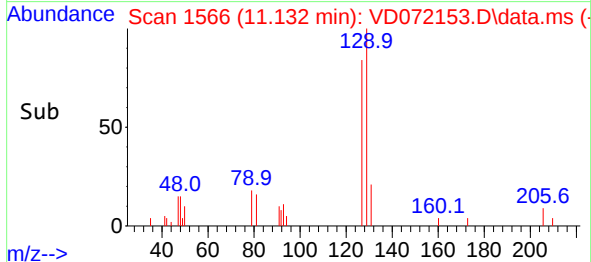
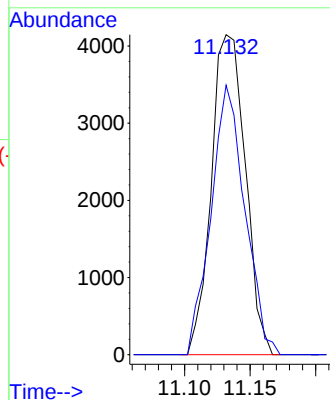
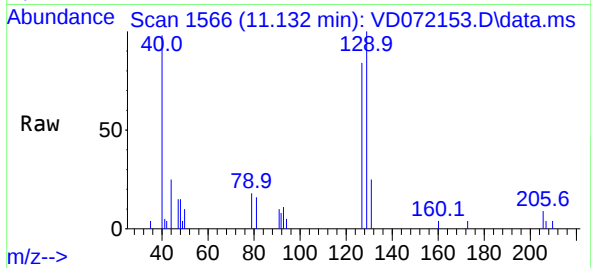




#60
Dibromochloromethane
Concen: 1.670 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

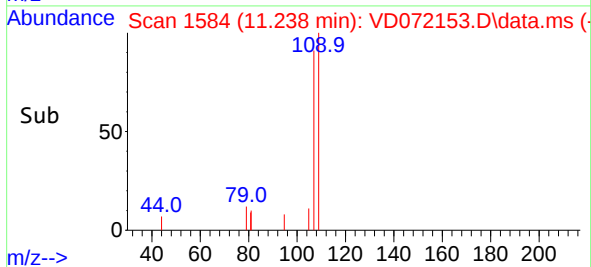
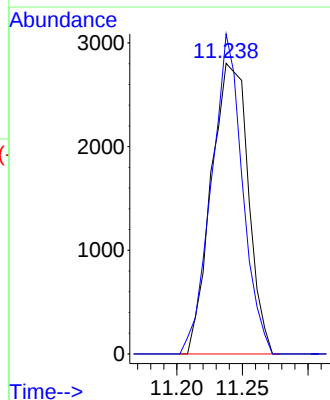
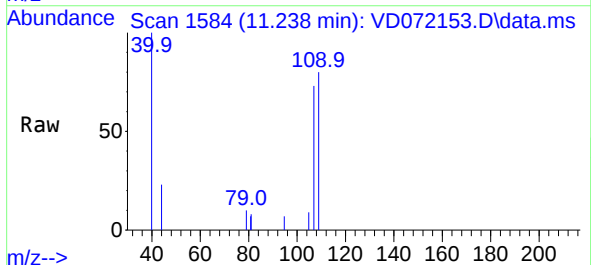
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

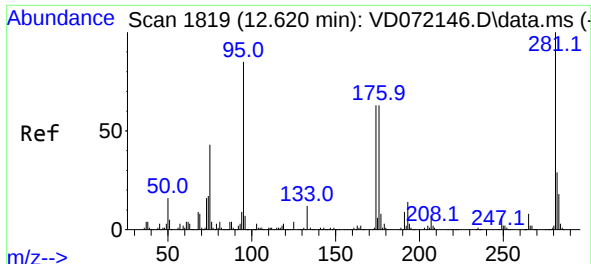
Tgt Ion:129 Resp: 7487
Ion Ratio Lower Upper
129 100
127 83.9 39.2 117.6



#61
1,2-Dibromoethane
Concen: 1.760 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:107 Resp: 5495
Ion Ratio Lower Upper
107 100
109 92.2 74.2 111.4

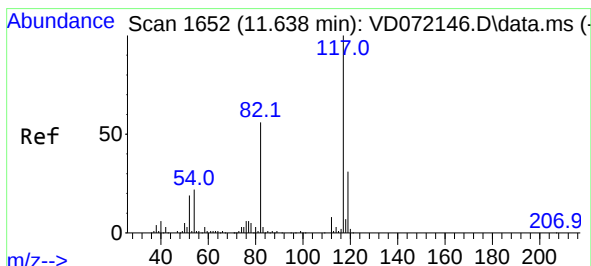
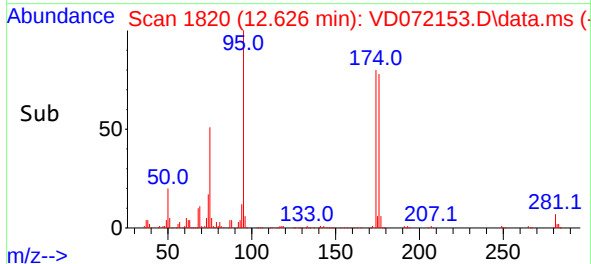
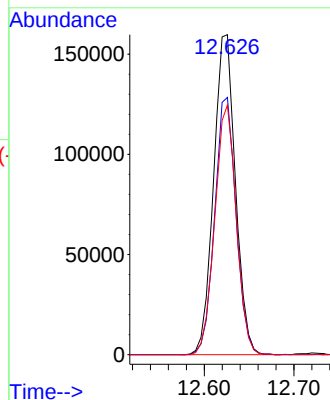
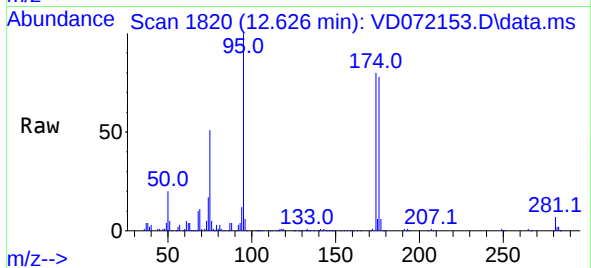




#62
4-Bromofluorobenzene
Concen: 45.190 ug/l
RT: 12.626 min Scan# 1819
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

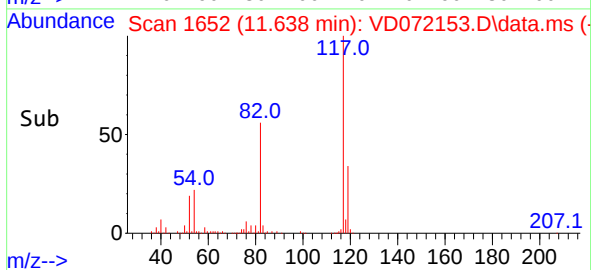
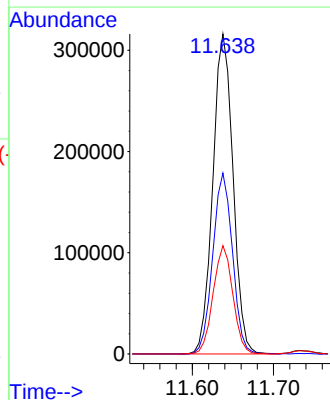
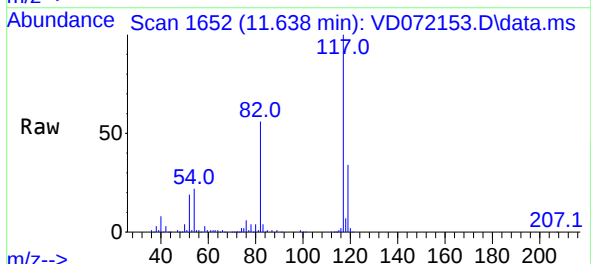
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

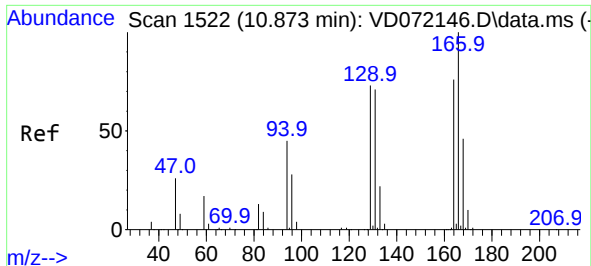
Tgt Ion: 95 Resp: 269653
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.5 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

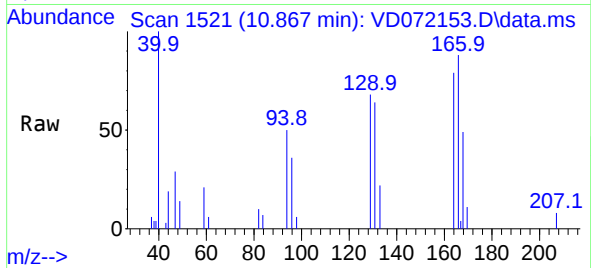
Tgt Ion: 117 Resp: 546926
Ion Ratio Lower Upper
117 100
82 56.5 45.3 67.9
119 33.9 26.6 40.0



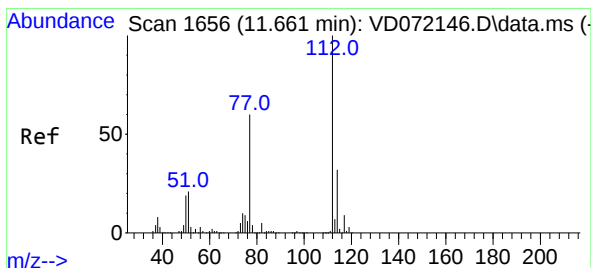
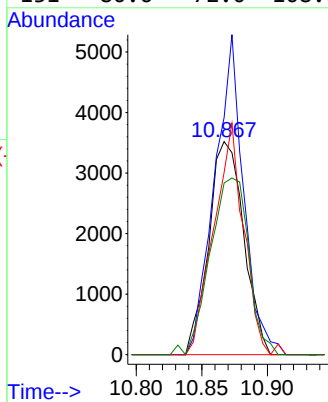
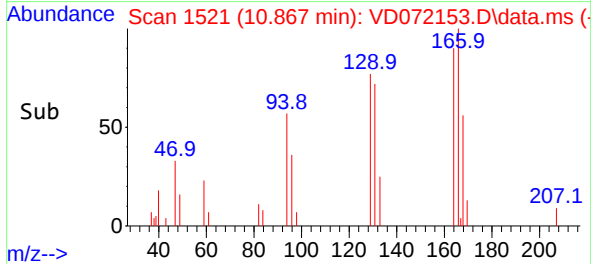


#64
Tetrachloroethene
Concen: 1.704 ug/l
RT: 10.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

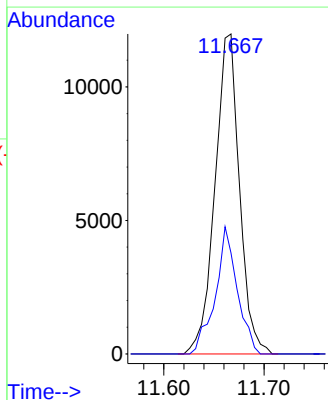
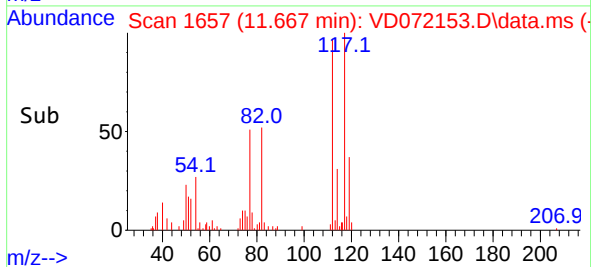
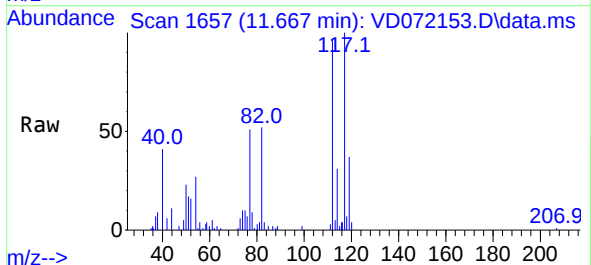


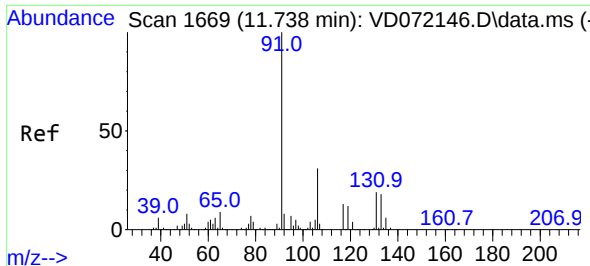
Tgt Ion:164 Resp: 6565
Ion Ratio Lower Upper
164 100
166 111.3 98.5 147.7
129 85.5 74.6 111.8
131 80.6 72.0 108.0



#65
Chlorobenzene
Concen: 1.670 ug/l
RT: 11.667 min Scan# 1657
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:112 Resp: 20250
Ion Ratio Lower Upper
112 100
114 31.5 25.8 38.6

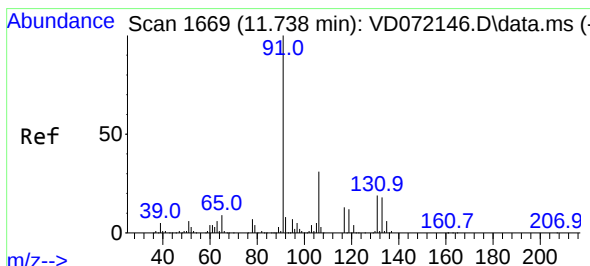
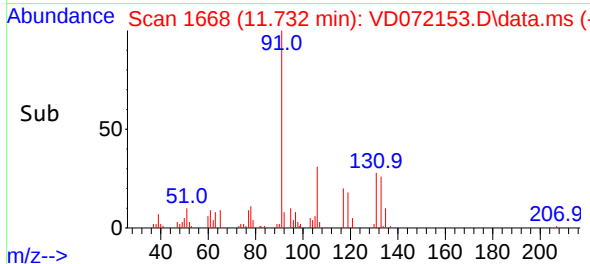
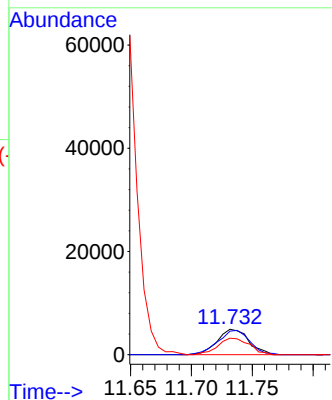
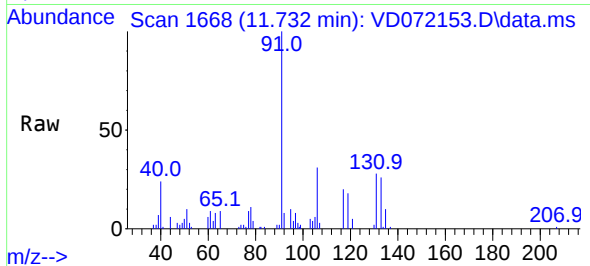




#66
1,1,1,2-Tetrachloroethane
Concen: 1.840 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

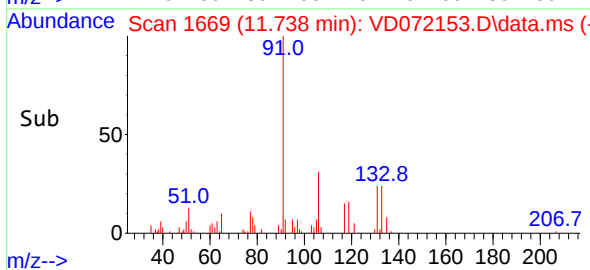
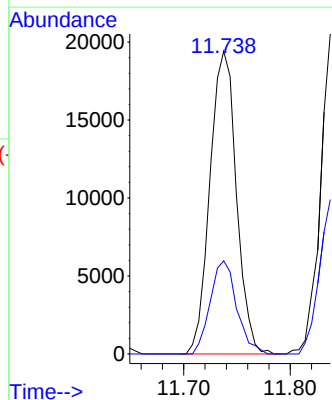
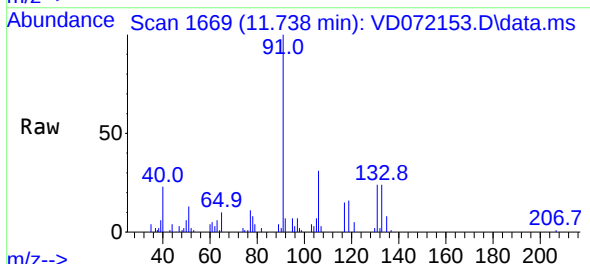
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

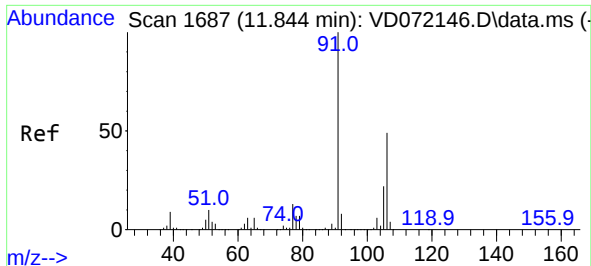
Tgt Ion:131 Resp: 8821
Ion Ratio Lower Upper
131 100
133 96.8 48.1 144.3
119 65.3 31.9 95.9



#67
Ethyl Benzene
Concen: 1.546 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 91 Resp: 33474
Ion Ratio Lower Upper
91 100
106 30.8 24.2 36.4

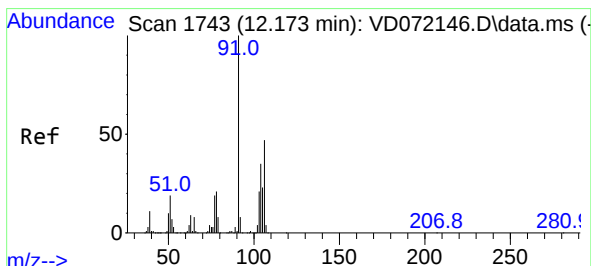
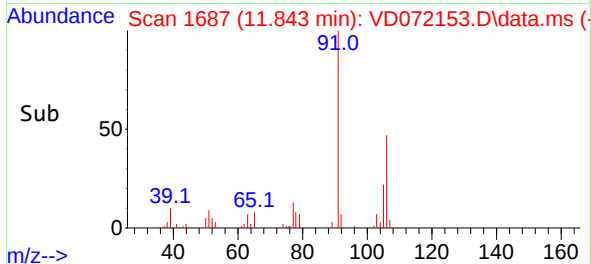
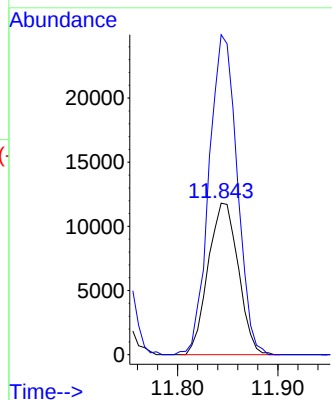
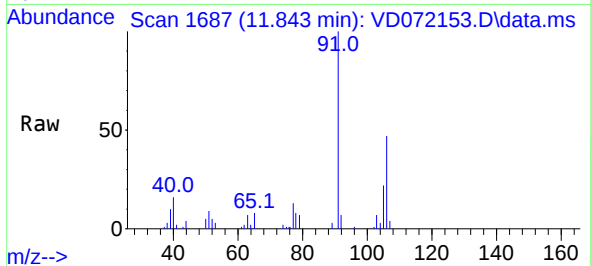




#68
m/p-Xylenes
Concen: 3.008 ug/l
RT: 11.843 min Scan# 1184
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

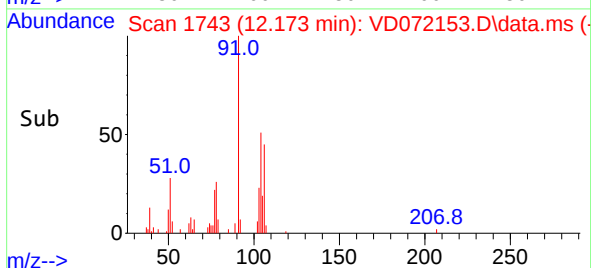
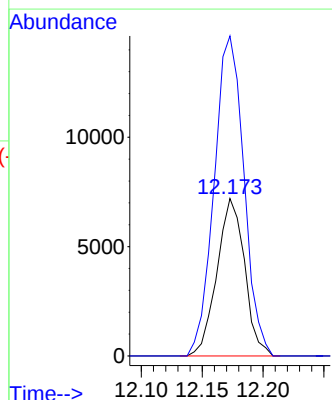
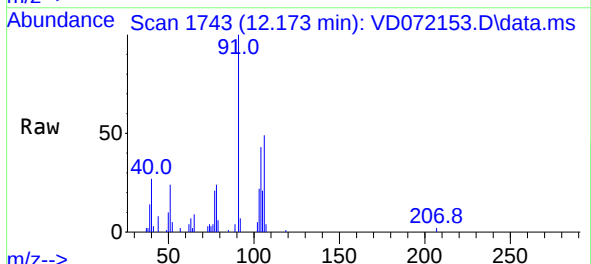
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

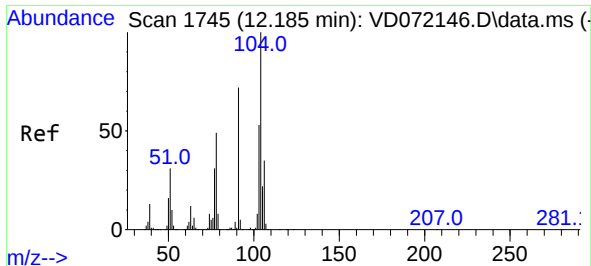
Tgt Ion:106 Resp: 24739
Ion Ratio Lower Upper
106 100
91 196.9 163.7 245.5



#69
o-Xylene
Concen: 1.447 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:106 Resp: 11385
Ion Ratio Lower Upper
106 100
91 218.6 110.4 331.2

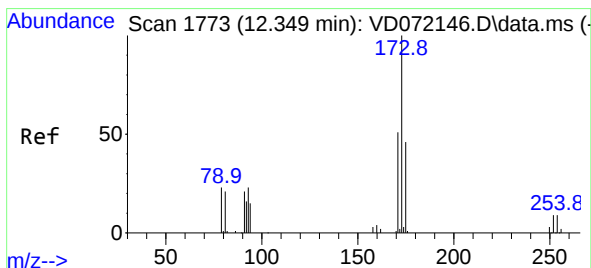
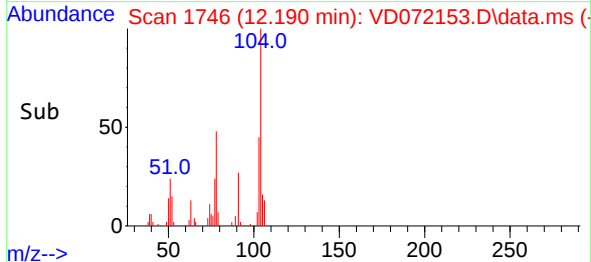
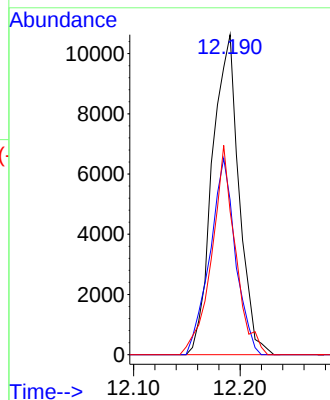
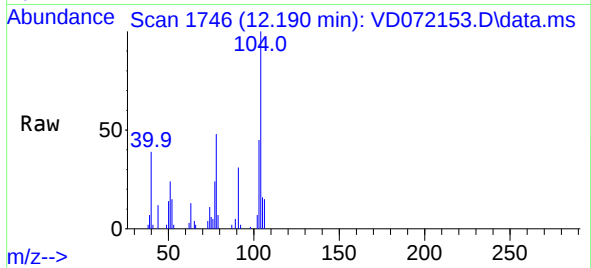




#70
Styrene
Concen: 1.343 ug/l
RT: 12.190 min Scan# 1745
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

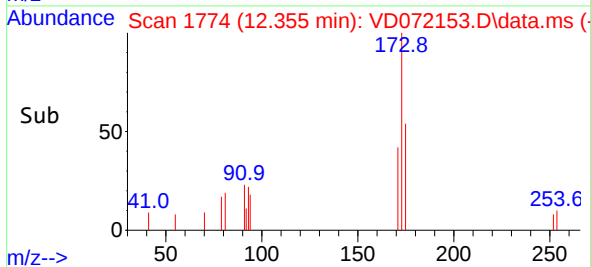
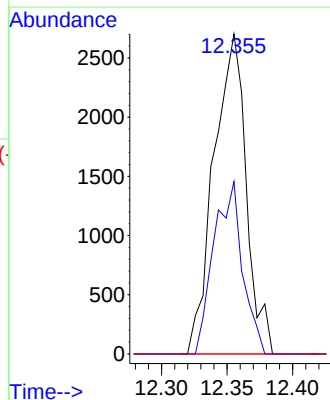
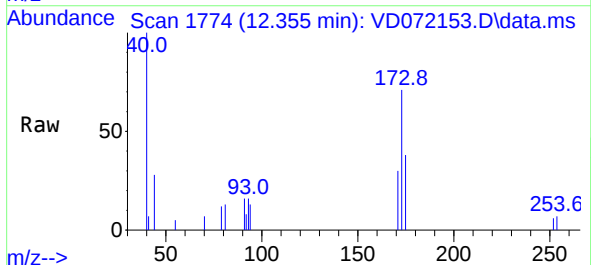
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

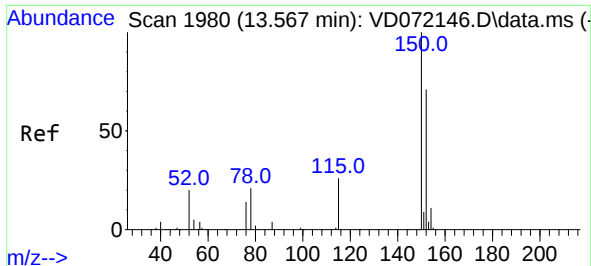
Tgt Ion:104 Resp: 18450
Ion Ratio Lower Upper
104 100
78 58.9 41.8 62.8
103 57.4 44.2 66.4



#71
Bromoform
Concen: 1.812 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:173 Resp: 4641
Ion Ratio Lower Upper
173 100
175 47.6 23.9 71.8
254 0.0 0.0 0.0

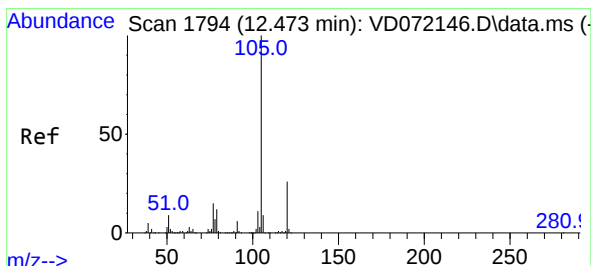
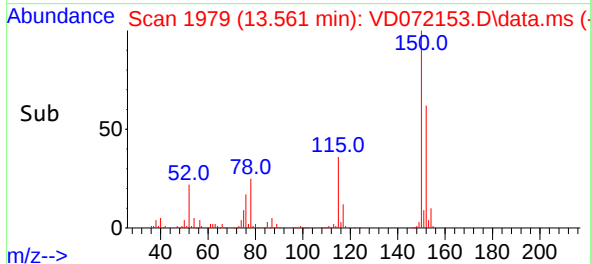
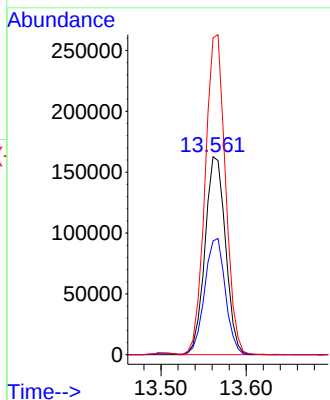
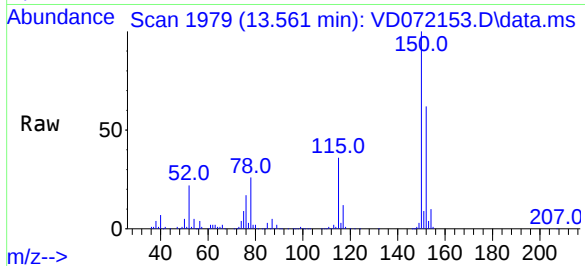




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

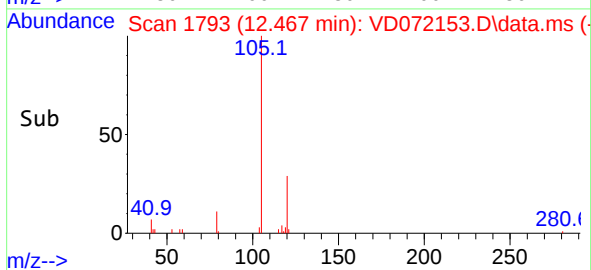
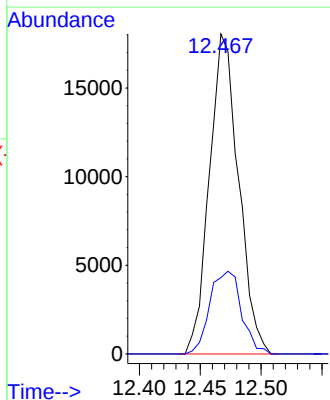
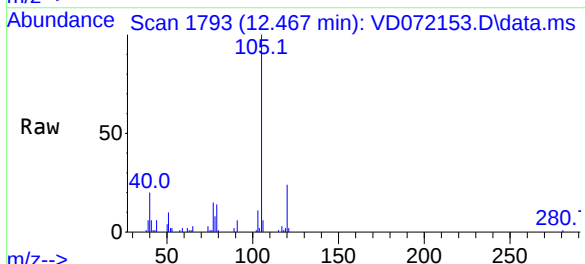
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

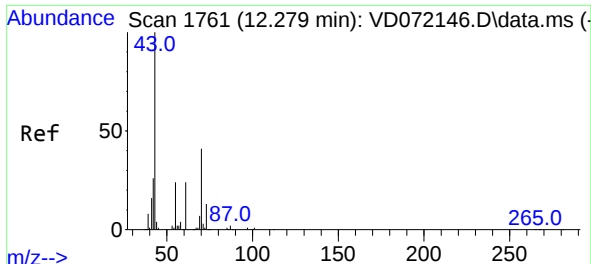
Tgt Ion:152 Resp: 272629
Ion Ratio Lower Upper
152 100
115 59.3 31.3 93.8
150 159.6 0.0 348.6



#73
Isopropylbenzene
Concen: 1.392 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:105 Resp: 30072
Ion Ratio Lower Upper
105 100
120 28.0 13.0 38.9

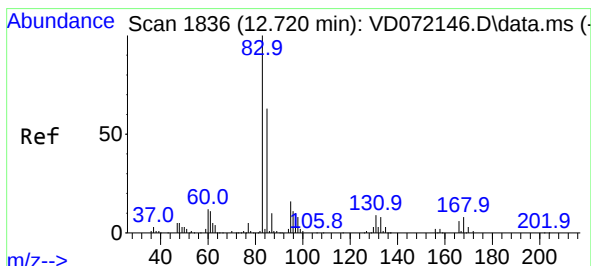
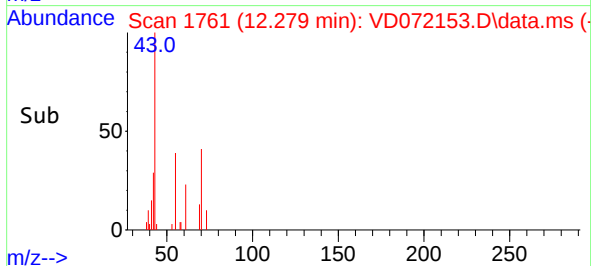
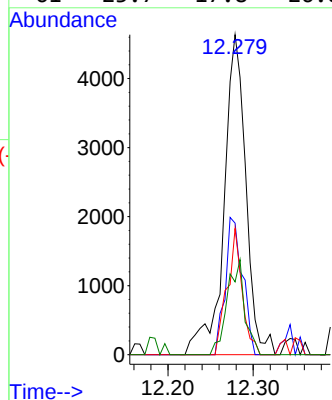
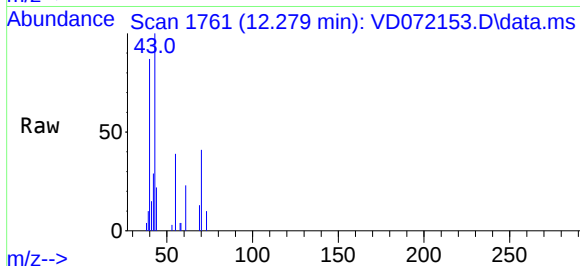




#74
N-amy1 acetate
Concen: 1.785 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

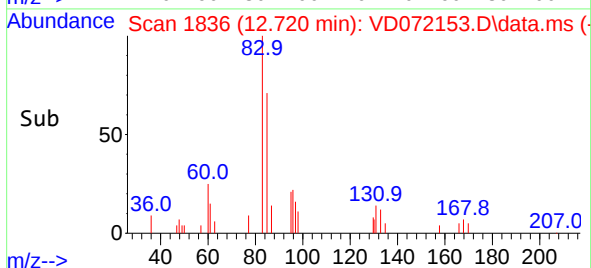
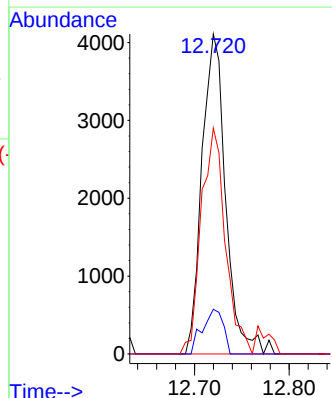
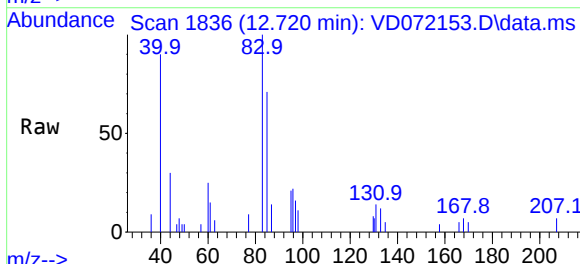
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

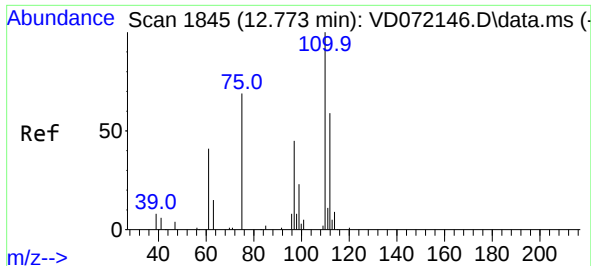
Tgt Ion: 43	Resp: 8287
Ion Ratio	Lower Upper
43 100	
70 33.8	31.3 46.9
55 27.2	20.0 30.0
61 23.7	17.8 26.8



#75
1,1,2,2-Tetrachloroethane
Concen: 1.850 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 83	Resp: 7147
Ion Ratio	Lower Upper
83 100	
131 12.2	5.0 14.9
85 71.7	32.6 98.0

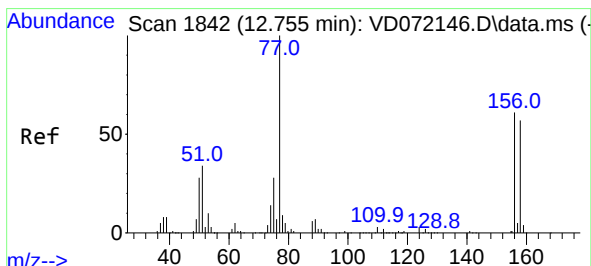
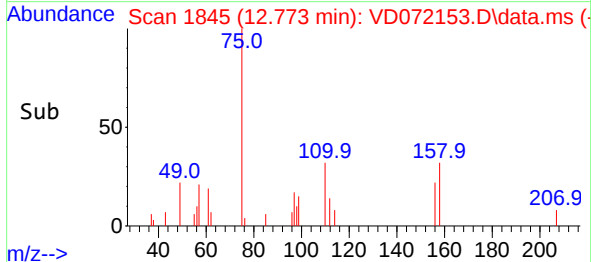
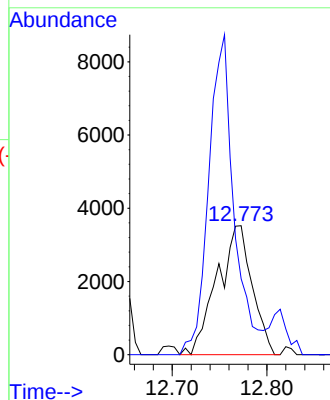
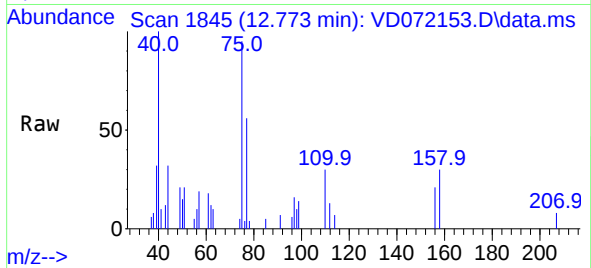




#76
1,2,3-Trichloropropane
Concen: 3.015 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

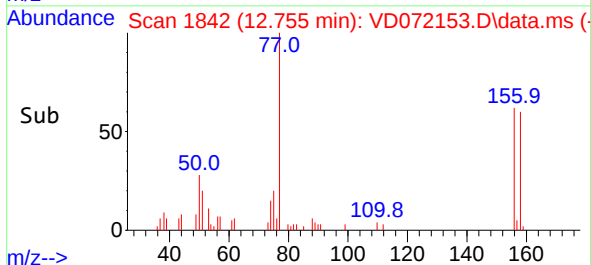
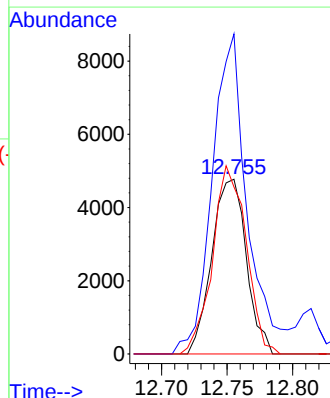
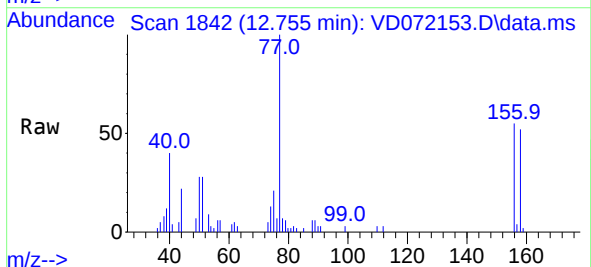
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

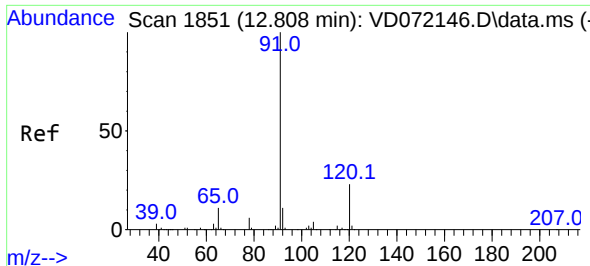
Tgt Ion: 75 Resp: 9066
Ion Ratio Lower Upper
75 100
77 179.3 0.0 0.0#



#77
Bromobenzene
Concen: 1.799 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 156 Resp: 8748
Ion Ratio Lower Upper
156 100
77 185.8 102.8 308.3
158 104.7 48.7 146.1

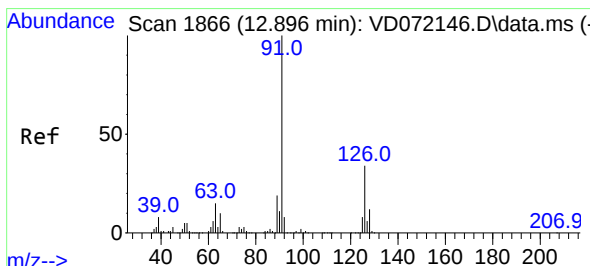
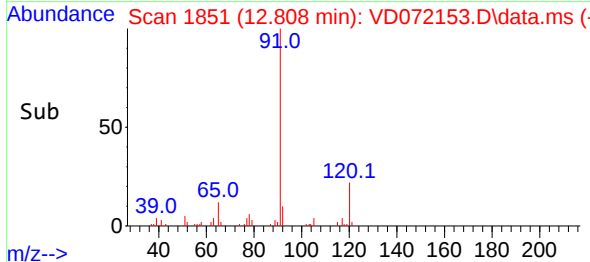
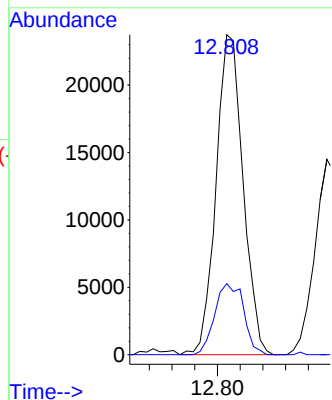
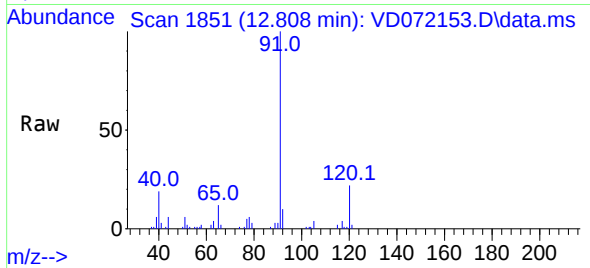




#78
n-propylbenzene
Concen: 1.492 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

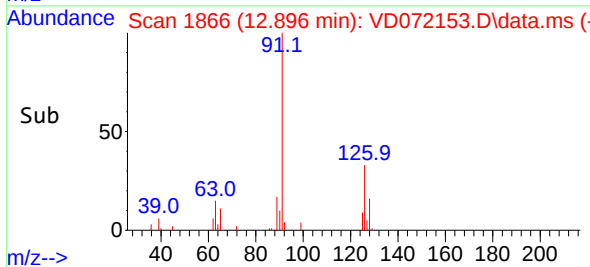
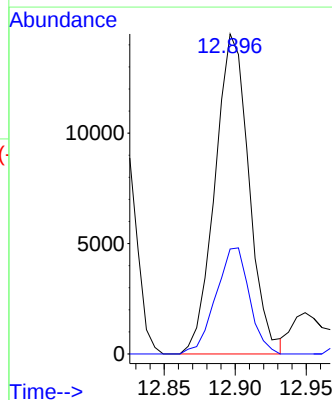
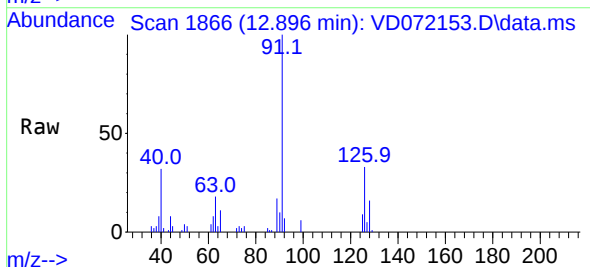
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

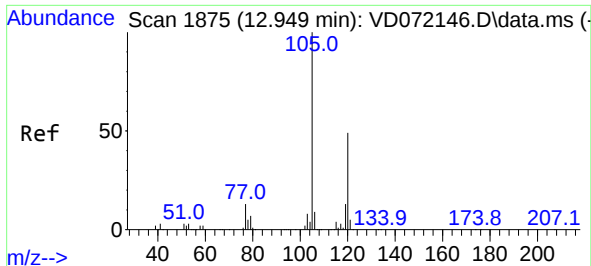
Tgt Ion: 91 Resp: 39140
Ion Ratio Lower Upper
91 100
120 23.8 10.9 32.9



#79
2-Chlorotoluene
Concen: 1.592 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 91 Resp: 24159
Ion Ratio Lower Upper
91 100
126 32.7 16.2 48.6

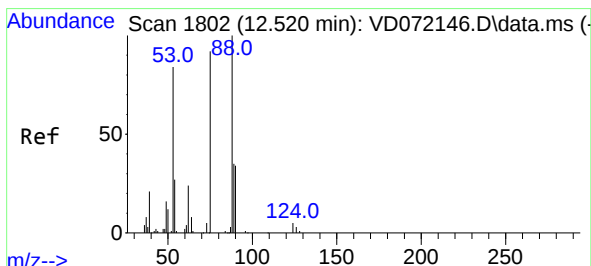
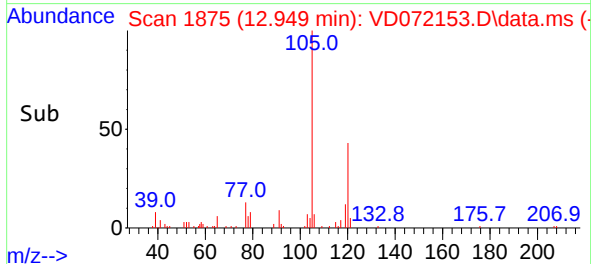
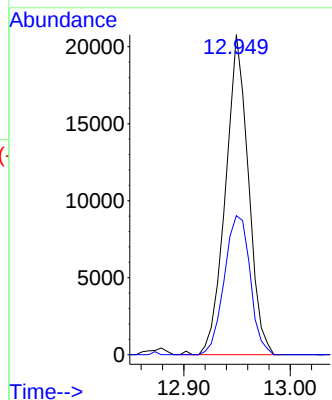
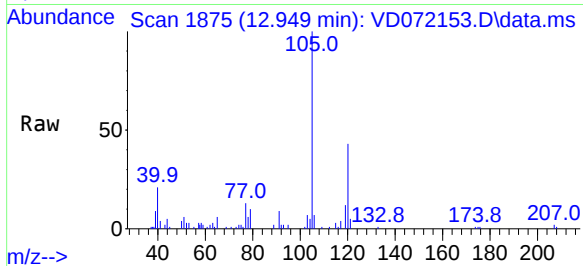




#80
1,3,5-Trimethylbenzene
Concen: 1.669 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

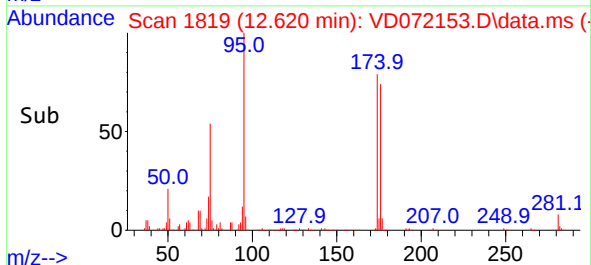
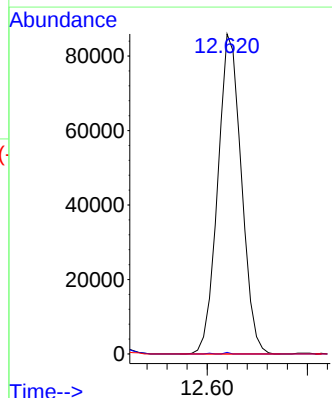
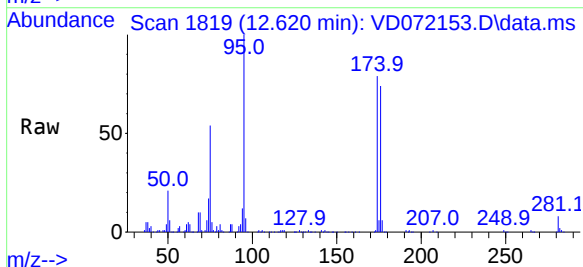
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

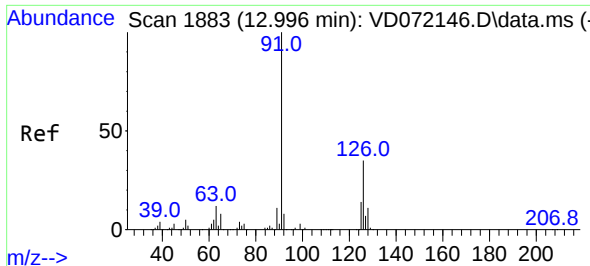
Tgt Ion:105 Resp: 30968
Ion Ratio Lower Upper
105 100
120 48.9 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 115.899 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 75 Resp: 140481
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.0 33.9 50.9#

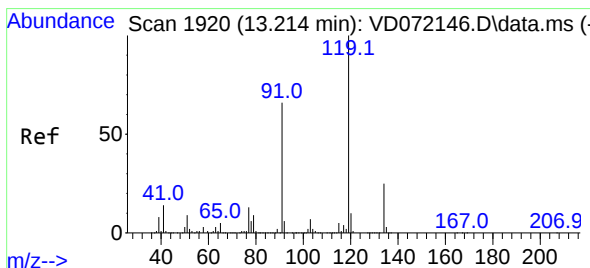
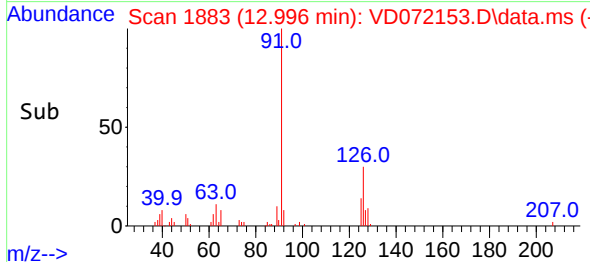
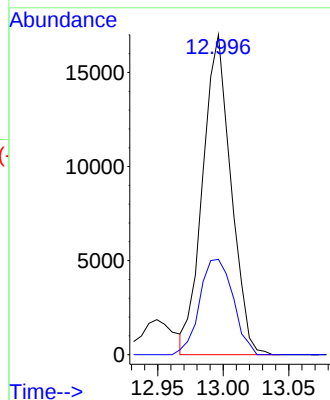
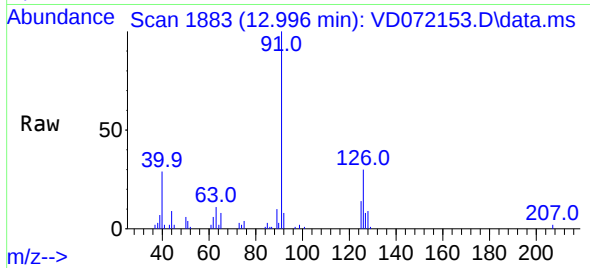




#82
4-Chlorotoluene
Concen: 1.623 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

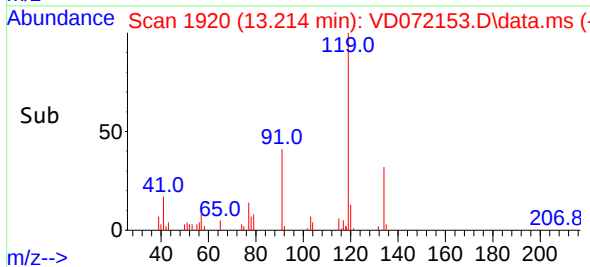
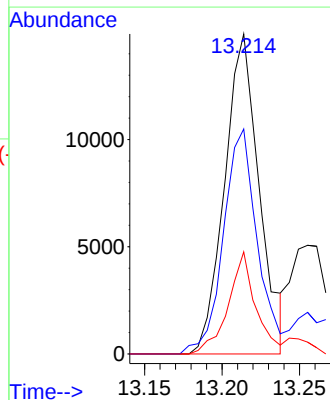
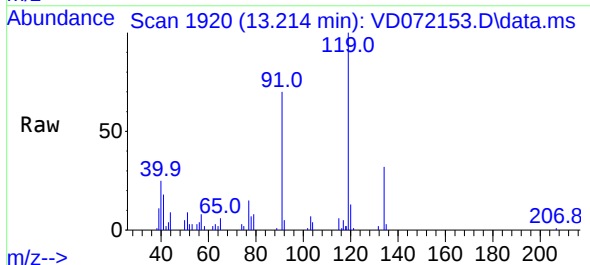
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

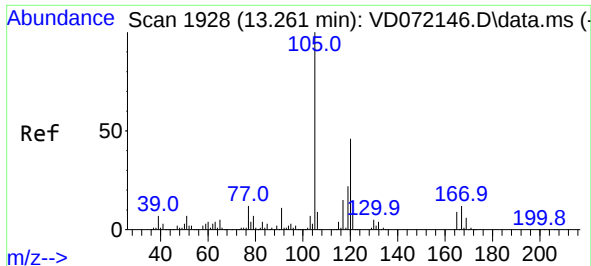
Tgt Ion: 91 Resp: 25504
Ion Ratio Lower Upper
91 100
126 35.3 16.5 49.5



#83
tert-Butylbenzene
Concen: 1.427 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 119 Resp: 23217
Ion Ratio Lower Upper
119 100
91 68.3 34.8 104.5
134 25.4 13.3 39.9

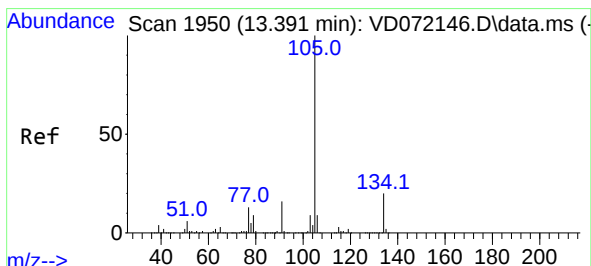
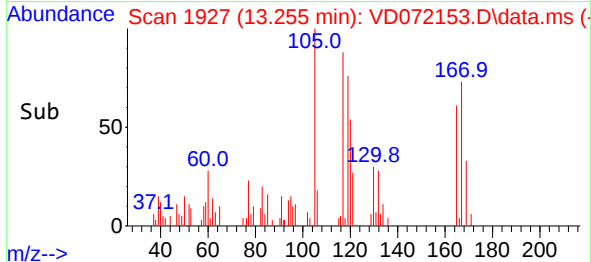
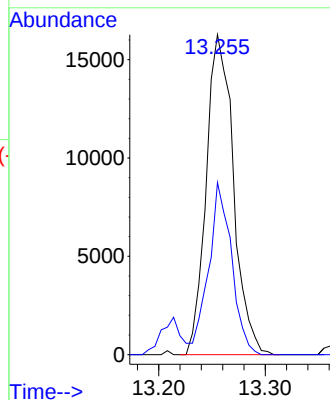
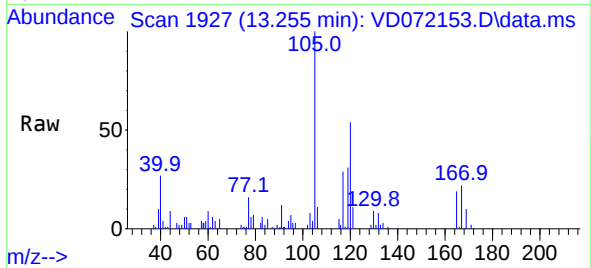




#84
1,2,4-Trimethylbenzene
Concen: 1.577 ug/l
RT: 13.255 min Scan# 1928
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

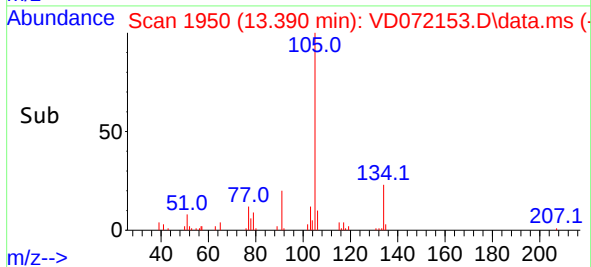
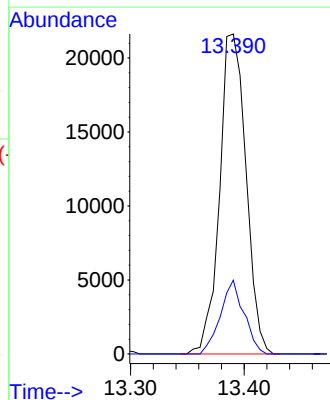
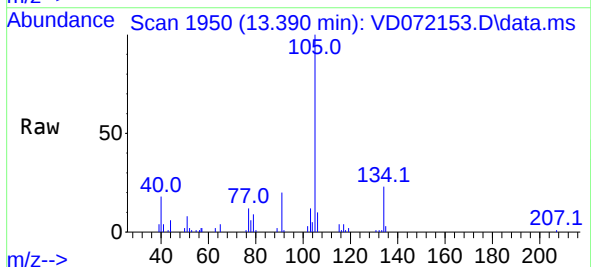
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

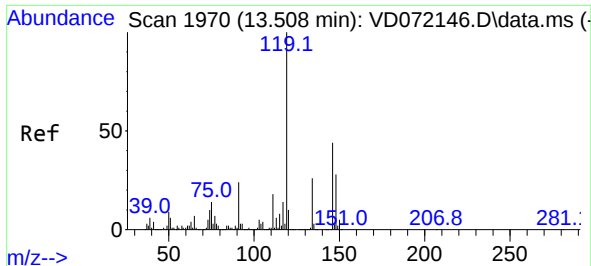
Tgt Ion:105 Resp: 28846
Ion Ratio Lower Upper
105 100
120 45.7 22.3 66.8



#85
sec-Butylbenzene
Concen: 1.430 ug/l
RT: 13.390 min Scan# 1950
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:105 Resp: 34942
Ion Ratio Lower Upper
105 100
134 20.6 9.8 29.3

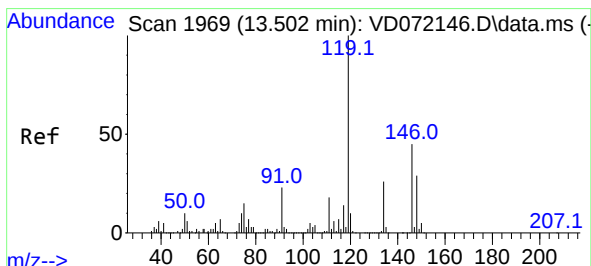
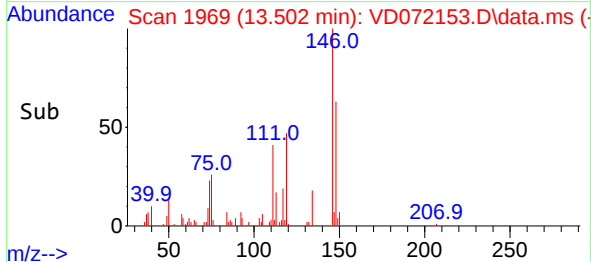
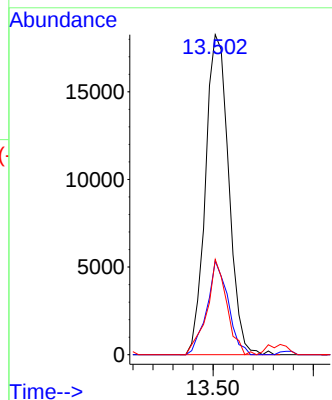
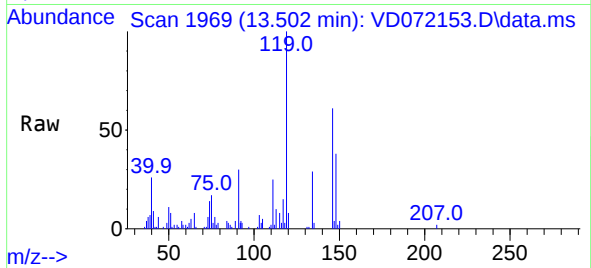




#86
p-Isopropyltoluene
Concen: 1.462 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

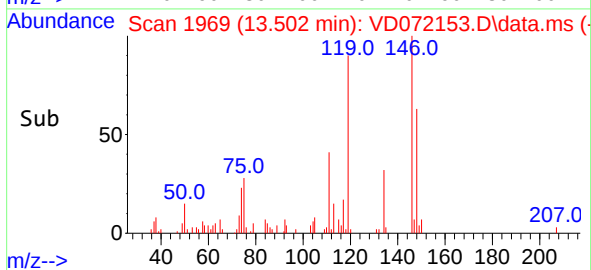
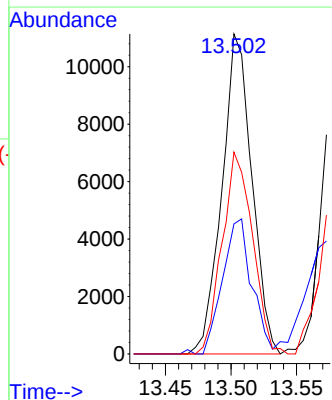
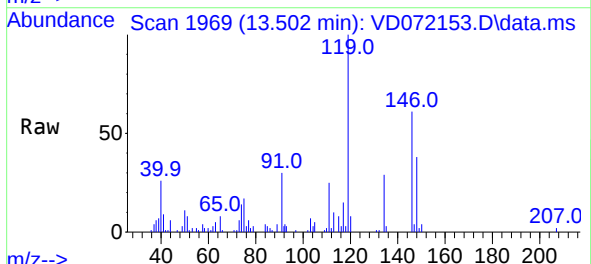
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

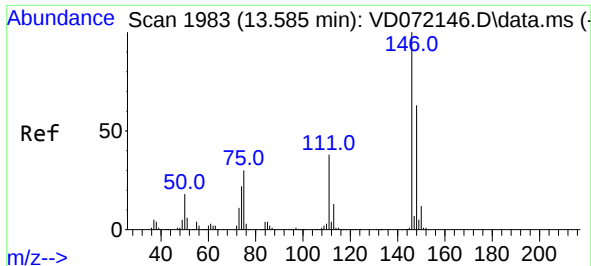
Tgt Ion:119	Resp:	29389
Ion Ratio	Lower	Upper
119	100	
134	26.8	12.9 38.6
91	25.5	12.1 36.3



#87
1,3-Dichlorobenzene
Concen: 1.732 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:146	Resp:	17655
Ion Ratio	Lower	Upper
146	100	
111	41.6	20.4 61.3
148	64.1	31.9 95.7

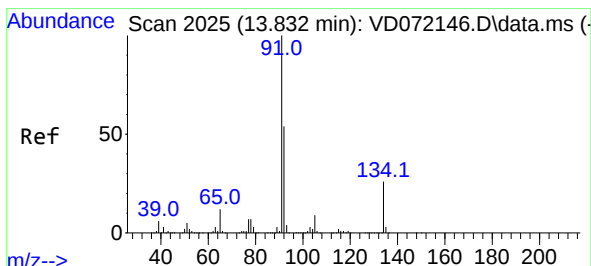
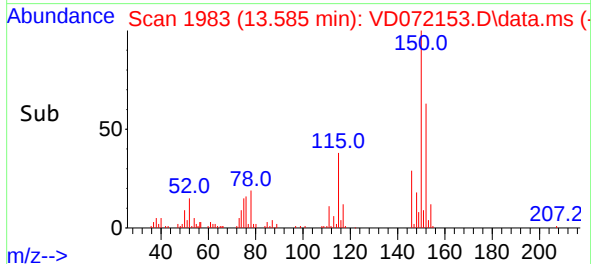
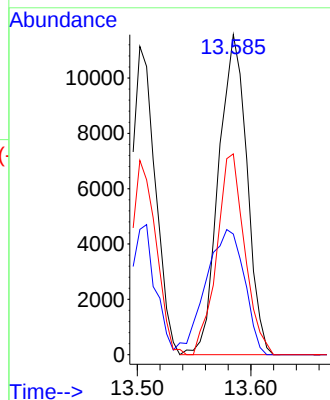
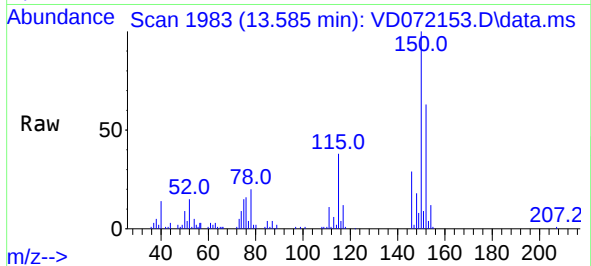




#88
1,4-Dichlorobenzene
Concen: 1.981 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

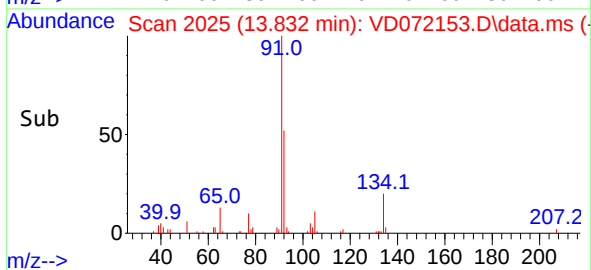
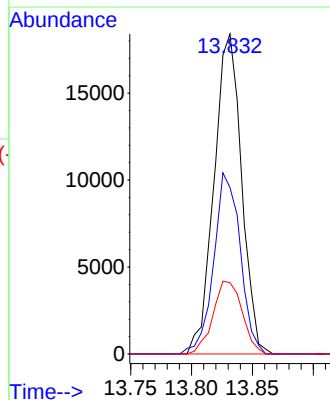
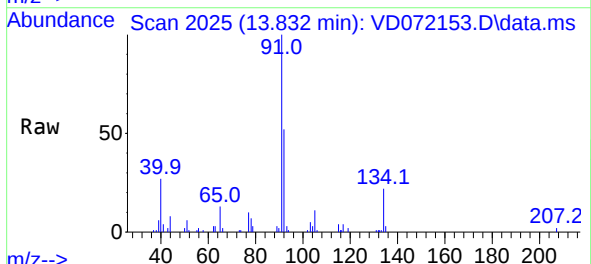
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

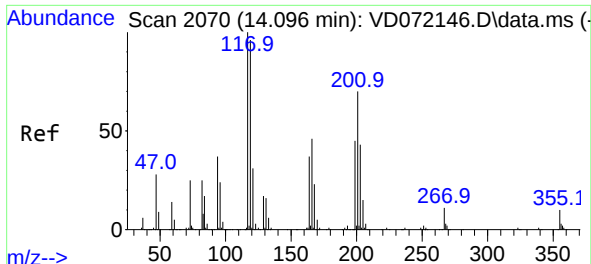
Tgt Ion:146	Resp:	20024
Ion	Ratio	Lower Upper
146	100	
111	53.4	20.3 60.9
148	62.2	31.7 95.1



#89
n-Butylbenzene
Concen: 1.508 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion: 91	Resp:	28909
Ion	Ratio	Lower Upper
91	100	
92	54.5	26.6 79.8
134	24.2	12.3 36.9

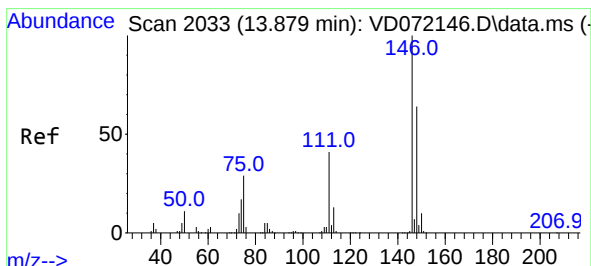
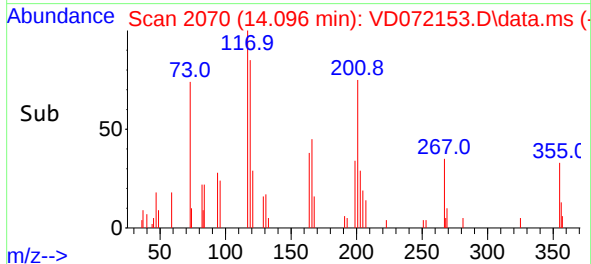
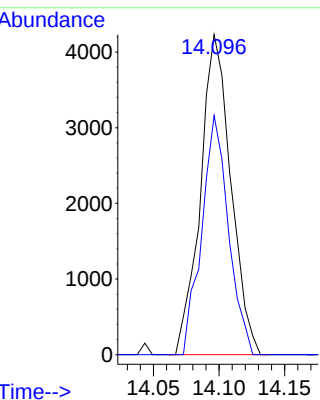
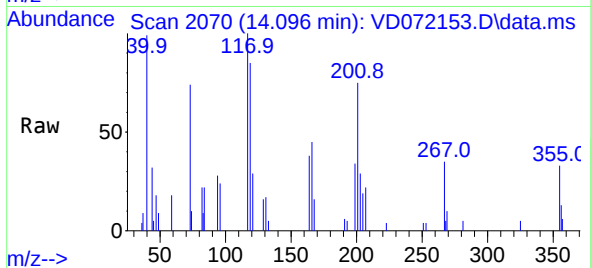




#90
Hexachloroethane
Concen: 1.736 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

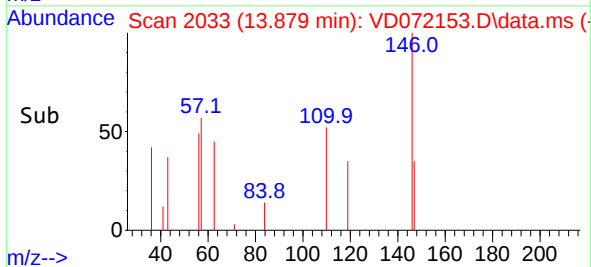
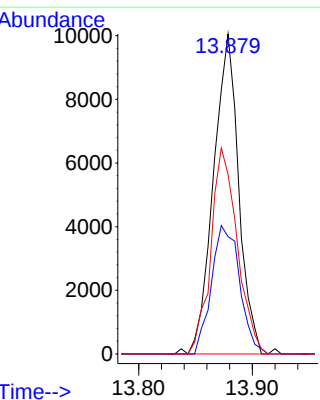
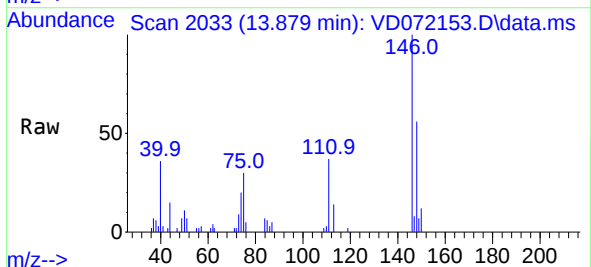
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

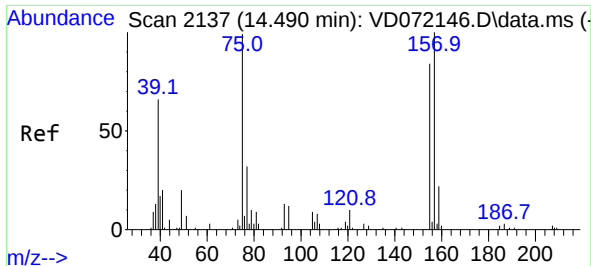
Tgt Ion:117 Resp: 6840
Ion Ratio Lower Upper
117 100
201 65.4 33.4 100.2



#91
1,2-Dichlorobenzene
Concen: 1.743 ug/l
RT: 13.879 min Scan# 2033
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

Tgt Ion:146 Resp: 15486
Ion Ratio Lower Upper
146 100
111 44.8 21.1 63.3
148 67.3 31.7 95.1

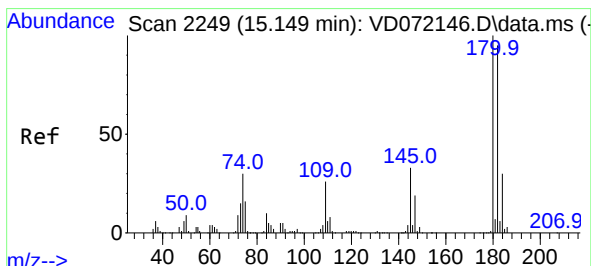
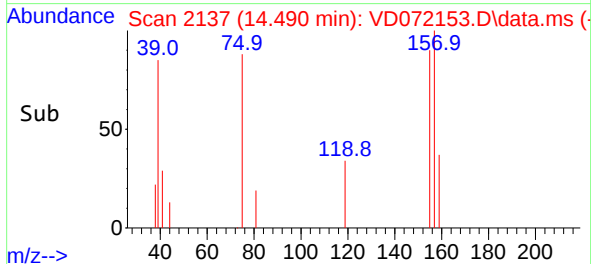
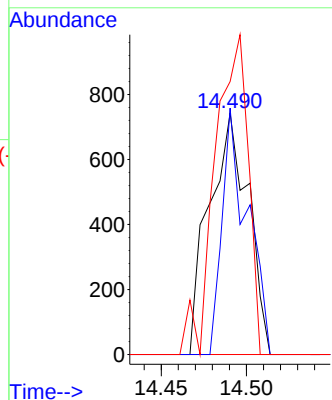
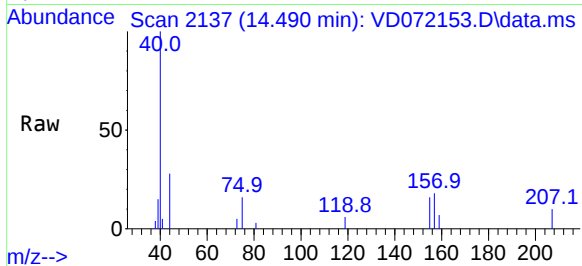




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.918 ug/l
RT: 14.490 min Scan# 2137
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

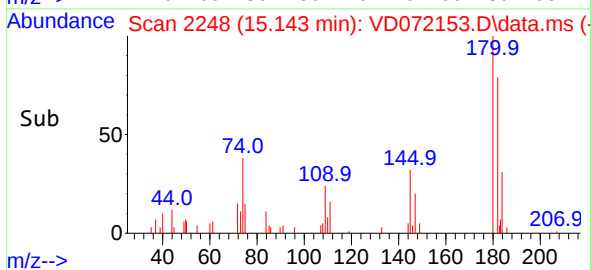
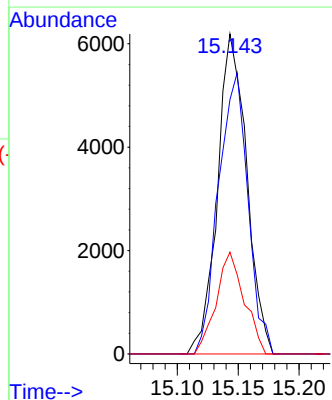
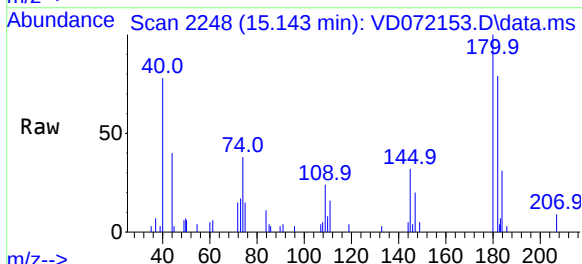
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

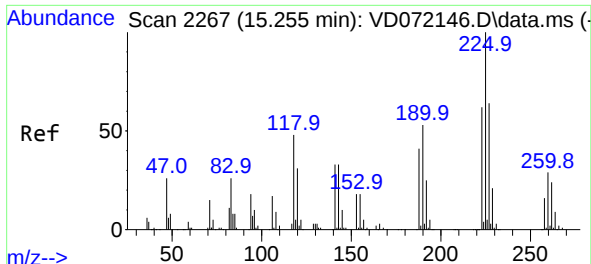
Tgt Ion:	75	Resp:	1183
Ion	Ratio	Lower	Upper
75	100		
155	66.2	36.8	110.3
157	112.7	48.4	145.0



#93
1,2,4-Trichlorobenzene
Concen: 1.759 ug/l
RT: 15.143 min Scan# 2248
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

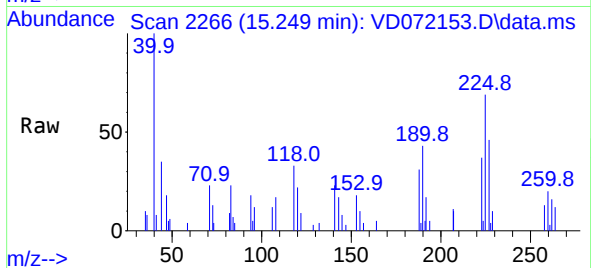
Tgt Ion:	180	Resp:	10346
Ion	Ratio	Lower	Upper
180	100		
182	88.4	47.3	142.0
145	30.5	16.2	48.5



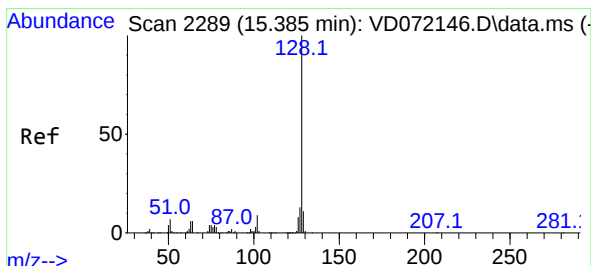
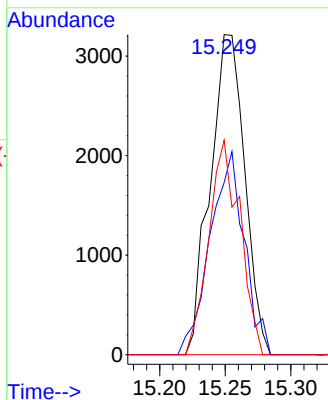
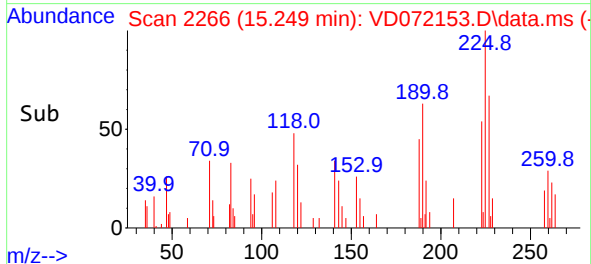


#94
Hexachlorobutadiene
Concen: 1.723 ug/l
RT: 15.249 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40

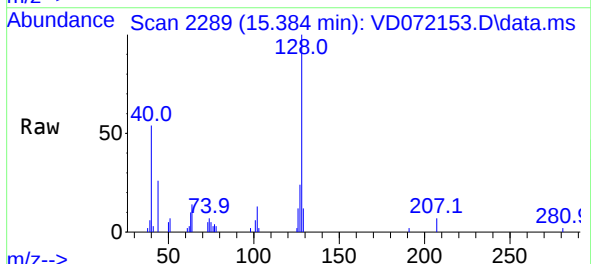
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022



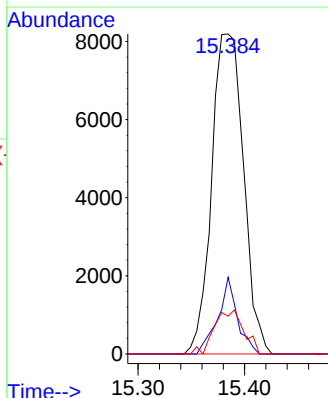
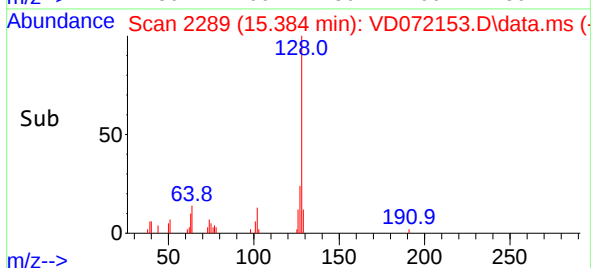
Tgt Ion:	225	Resp:	5896
Ion Ratio	Lower	Upper	
225	100		
223	62.9	31.1	93.2
227	60.6	32.4	97.0

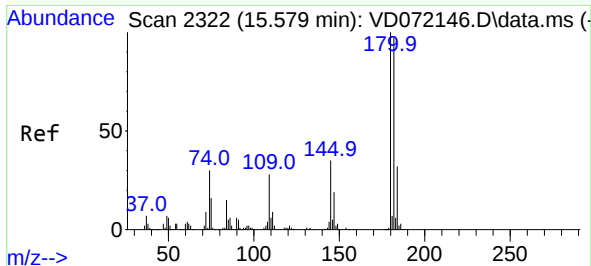


#95
Naphthalene
Concen: 1.677 ug/l
RT: 15.384 min Scan# 2289
Delta R.T. -0.000 min
Lab File: VD072153.D
Acq: 11 Mar 2022 16:40



Tgt Ion:	128	Resp:	17005
Ion Ratio	Lower	Upper	
128	100		
127	14.7	10.3	15.5
129	12.7	8.4	12.6





#96

1,2,3-Trichlorobenzene

Concen: 1.761 ug/l

RT: 15.573 min Scan# 21

Delta R.T. -0.006 min

Lab File: VD072153.D

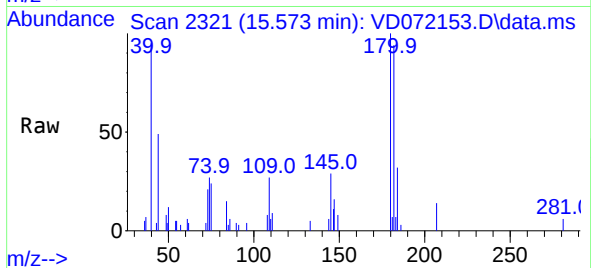
Acq: 11 Mar 2022 16:40

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:180 Resp: 8967

Ion Ratio Lower Upper

180 100

182 91.8 47.6 142.9

145 38.8 17.1 51.3

