

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072402.D
 Acq On : 24 Mar 2022 12:36
 Operator : VA/SY
 Sample : N1645-01 2.5ppb
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

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

Quant Time: Mar 25 02:52:31 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	359403	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	609540	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	568823	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	276204	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	217220	54.233	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.460%	
35) Dibromofluoromethane	7.909	113	225530	52.579	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.160%	
50) Toluene-d8	10.332	98	760970	48.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 97.040%	
62) 4-Bromofluorobenzene	12.626	95	287189	47.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.260%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	6841	2.058	ug/l	95
3) Chloromethane	2.209	50	6554	2.219	ug/l	99
4) Vinyl Chloride	2.350	62	6308	2.212	ug/l	91
5) Bromomethane	2.773	94	5875	3.164	ug/l #	73
6) Chloroethane	2.915	64	4622	2.452	ug/l	94
7) Trichlorofluoromethane	3.273	101	14630	2.272	ug/l	98
8) Diethyl Ether	3.709	74	4087	2.298	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.097	101	9332	2.273	ug/l	98
10) Methyl Iodide	4.303	142	7005	4.046	ug/l #	91
11) Tert butyl alcohol	5.203	59	2171	9.348	ug/l #	74
12) 1,1-Dichloroethene	4.068	96	7835	2.372	ug/l #	72
13) Acrolein	3.938	56	3180	15.345	ug/l	99
14) Allyl chloride	4.720	41	12717	2.202	ug/l	98
15) Acrylonitrile	5.420	53	12212	13.609	ug/l	92
16) Acetone	4.156	43	17470	20.089	ug/l	98
17) Carbon Disulfide	4.415	76	10220	2.787	ug/l #	95
18) Methyl Acetate	4.709	43	7751	3.637	ug/l	93
19) Methyl tert-butyl Ether	5.473	73	23519	2.620	ug/l	97
20) Methylene Chloride	4.967	84	26379	Below Cal		91
21) trans-1,2-Dichloroethene	5.473	96	7745	2.120	ug/l	82
22) Diisopropyl ether	6.356	45	32585	2.474	ug/l	95
23) Vinyl Acetate	6.309	43	79188	11.779	ug/l	100
24) 1,1-Dichloroethane	6.267	63	20858	2.685	ug/l #	93
25) 2-Butanone	7.214	43	19462	16.785	ug/l #	85
26) 2,2-Dichloropropane	7.197	77	15704	2.240	ug/l	92
27) cis-1,2-Dichloroethene	7.209	96	11136	2.387	ug/l	96
28) Bromochloromethane	7.550	49	7847	2.509	ug/l	97
29) Tetrahydrofuran	7.567	42	9276	13.605	ug/l	96
30) Chloroform	7.708	83	22941	2.772	ug/l	84
31) Cyclohexane	7.979	56	18878	3.017	ug/l #	33
32) 1,1,1-Trichloroethane	7.897	97	17048	2.319	ug/l	99
36) 1,1-Dichloropropene	8.108	75	12478	2.074	ug/l	96
37) Ethyl Acetate	7.297	43	8067	3.060	ug/l #	76
38) Carbon Tetrachloride	8.091	117	14514	2.122	ug/l	85
39) Methylcyclohexane	9.350	83	12190	1.800	ug/l	97
40) Benzene	8.344	78	37379	2.177	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.509	41	3011	1.960	ug/l #	66
42) 1,2-Dichloroethane	8.414	62	13747	2.640	ug/l	93
43) Isopropyl Acetate	8.444	43	14054	2.747	ug/l #	92
44) Trichloroethene	9.108	130	10949	2.272	ug/l	74
45) 1,2-Dichloropropane	9.379	63	11704	2.486	ug/l	95
46) Dibromomethane	9.467	93	5980	2.582	ug/l	94
47) Bromodichloromethane	9.650	83	17845	2.643	ug/l	91
48) Methyl methacrylate	9.450	41	7037	2.881	ug/l	91
49) 1,4-Dioxane	9.455	88	1327	47.782	ug/l #	88
51) 4-Methyl-2-Pentanone	10.220	43	36371	13.535	ug/l	97
52) Toluene	10.397	92	24690	2.186	ug/l	100
53) t-1,3-Dichloropropene	10.614	75	15311	2.482	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	15914	2.232	ug/l	95
55) 1,1,2-Trichloroethane	10.797	97	11120	3.152	ug/l #	89
56) Ethyl methacrylate	10.650	69	11093	2.684	ug/l	97
57) 1,3-Dichloropropane	10.938	76	14277	2.411	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	15970	8.595	ug/l	98
59) 2-Hexanone	10.979	43	27707	14.929	ug/l	99
60) Dibromochloromethane	11.132	129	11953	2.611	ug/l	98
61) 1,2-Dibromoethane	11.238	107	9026	2.831	ug/l	96
64) Tetrachloroethene	10.867	164	9103	2.271	ug/l	94
65) Chlorobenzene	11.661	112	30589	2.426	ug/l #	87
66) 1,1,1,2-Tetrachloroethane	11.732	131	12376	2.482	ug/l	98
67) Ethyl Benzene	11.738	91	47144	2.093	ug/l	94
68) m/p-Xylenes	11.849	106	33745	3.946	ug/l	96
69) o-Xylene	12.179	106	16711	2.043	ug/l	99
70) Styrene	12.185	104	28690	2.008	ug/l	96
71) Bromoform	12.355	173	7023	2.636	ug/l #	92
73) Isopropylbenzene	12.473	105	45890	2.097	ug/l	99
74) N-amyl acetate	12.279	43	14368	3.055	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	12286	3.139	ug/l	91
76) 1,2,3-Trichloropropane	12.773	75	13652	4.481	ug/l #	100
77) Bromobenzene	12.749	156	12722	2.582	ug/l	95
78) n-propylbenzene	12.814	91	58055	2.184	ug/l	99
79) 2-Chlorotoluene	12.896	91	34931	2.272	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	43307	2.303	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.620	75	148494	120.924	ug/l #	7
82) 4-Chlorotoluene	12.996	91	35753	2.246	ug/l	98
83) tert-Butylbenzene	13.214	119	32320	1.961	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	41167	2.222	ug/l	99
85) sec-Butylbenzene	13.391	105	50414	2.036	ug/l	96
86) p-Isopropyltoluene	13.508	119	38935	1.911	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	25716	2.491	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	25430	2.484	ug/l	80
89) n-Butylbenzene	13.832	91	42045	2.165	ug/l	94
90) Hexachloroethane	14.096	117	9016	2.258	ug/l	95
91) 1,2-Dichlorobenzene	13.873	146	23543	2.615	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.485	75	1644	2.632	ug/l	85
93) 1,2,4-Trichlorobenzene	15.149	180	14530	2.438	ug/l	96
94) Hexachlorobutadiene	15.255	225	8039	2.319	ug/l	97
95) Naphthalene	15.390	128	24669	2.401	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.579	180	12460	2.415	ug/l	98

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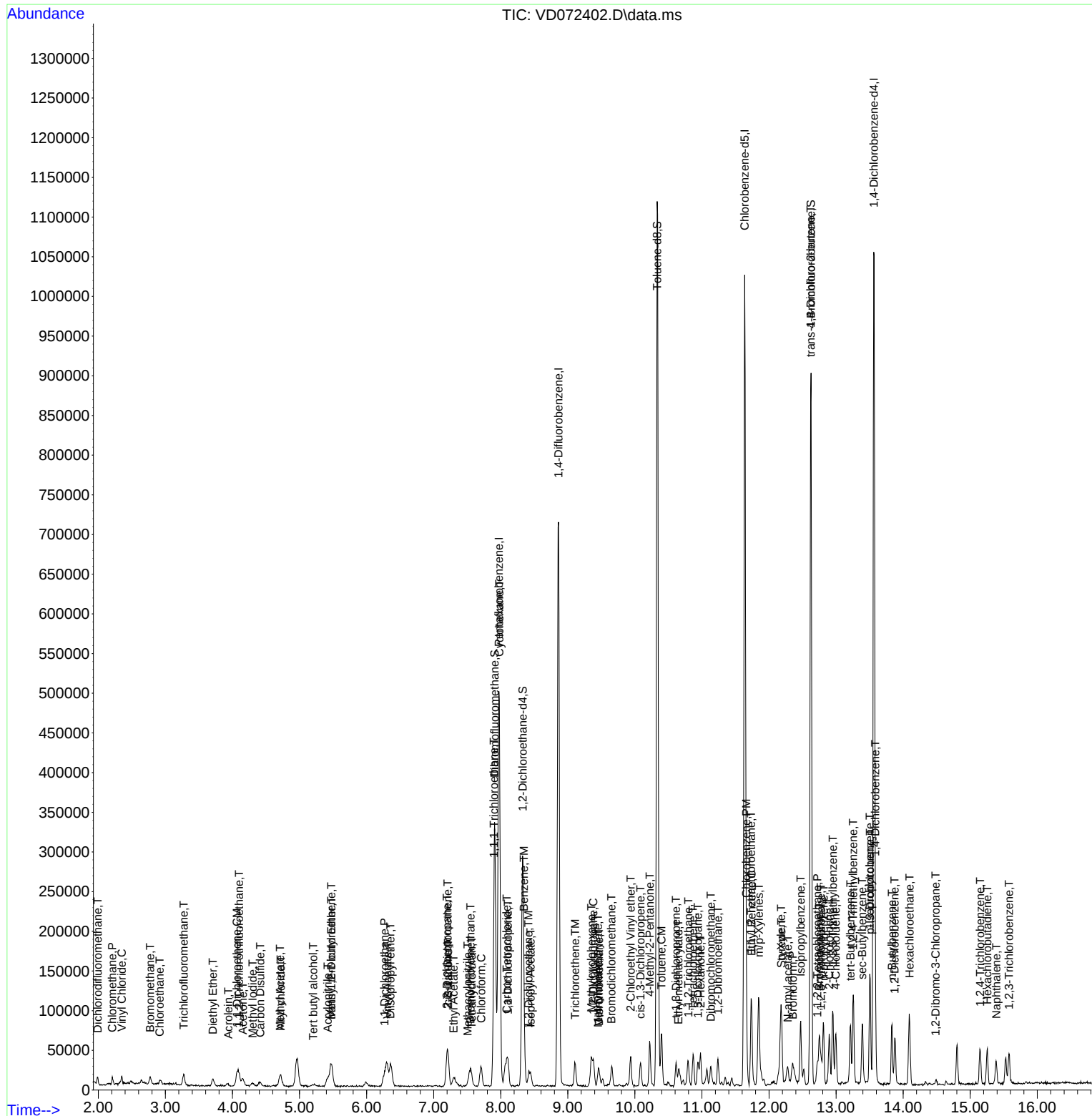
Quant Time: Mar 25 02:52:31 2022
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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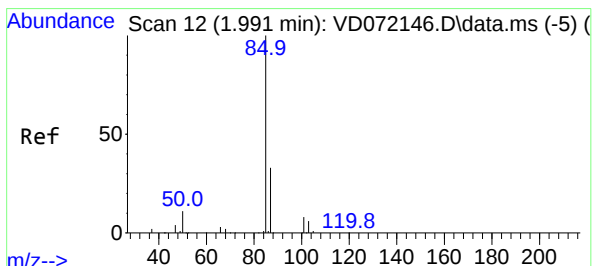
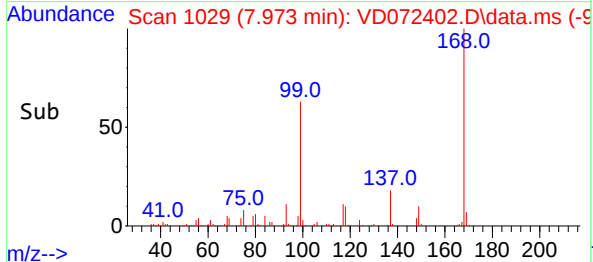
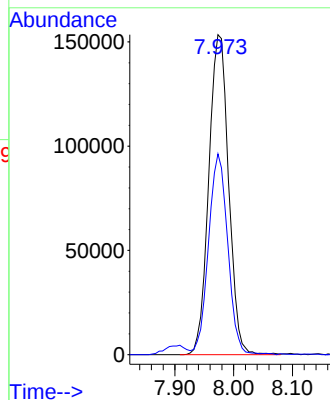
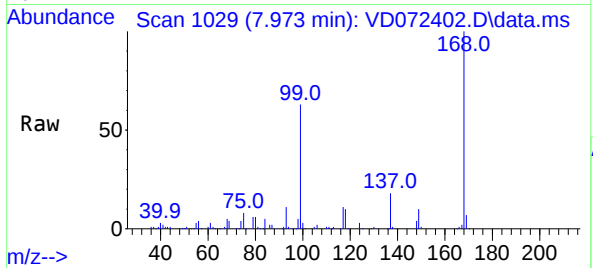




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. 0.000 min
Lab File: VD072402.D
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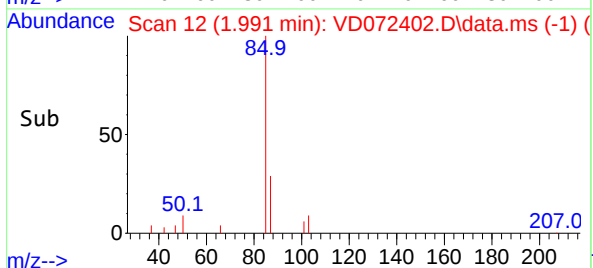
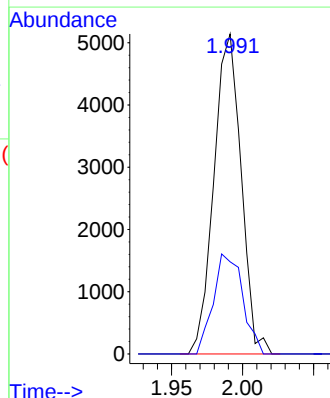
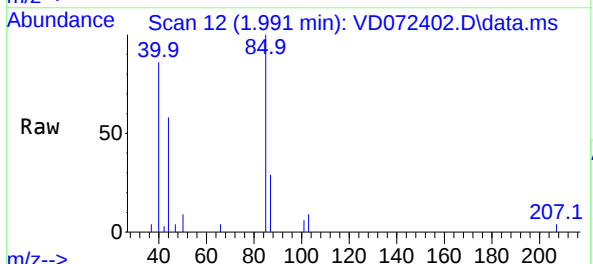
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

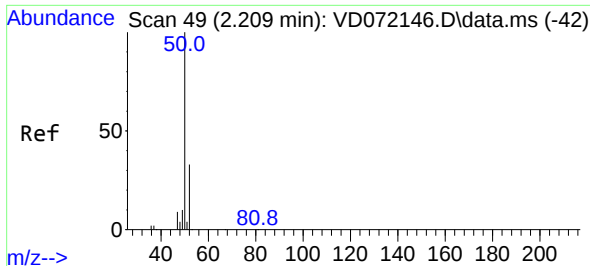
Tgt Ion:168 Resp: 359403
Ion Ratio Lower Upper
168 100
99 62.5 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 2.058 ug/l
RT: 1.991 min Scan# 12
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 85 Resp: 6841
Ion Ratio Lower Upper
85 100
87 28.8 15.7 47.0

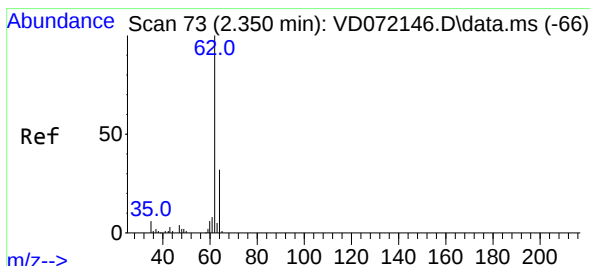
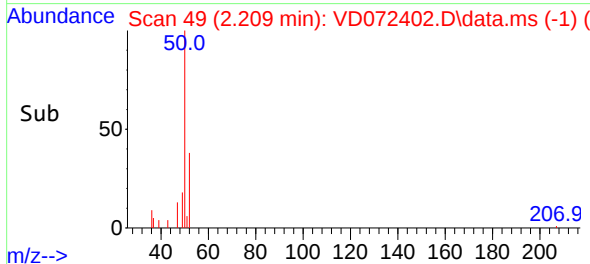
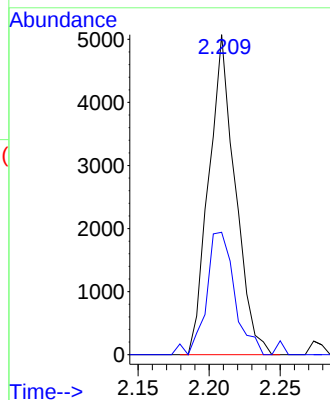
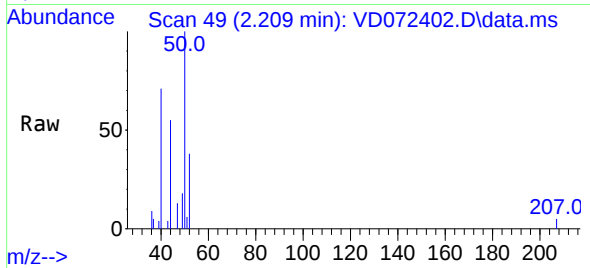




#3
Chloromethane
Concen: 2.219 ug/l
RT: 2.209 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

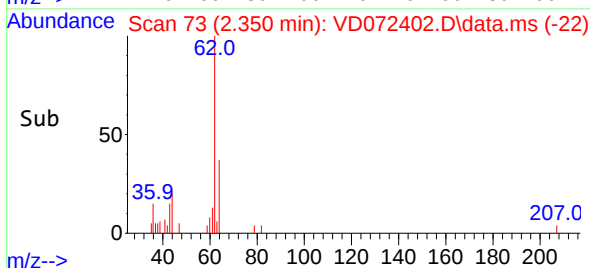
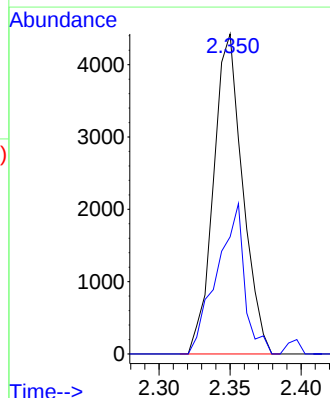
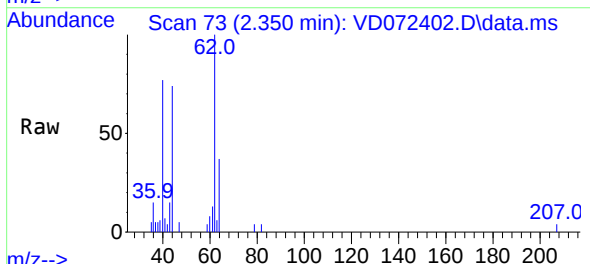
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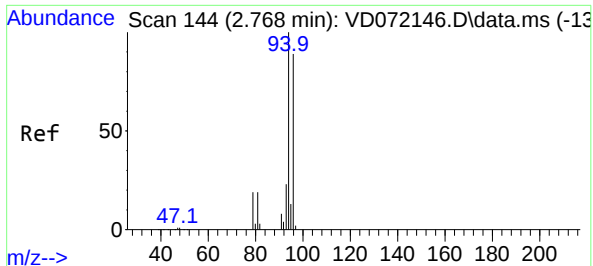
Tgt Ion: 50 Resp: 6554
Ion Ratio Lower Upper
50 100
52 34.9 27.4 41.0



#4
Vinyl Chloride
Concen: 2.212 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 62 Resp: 6308
Ion Ratio Lower Upper
62 100
64 36.6 25.4 38.0

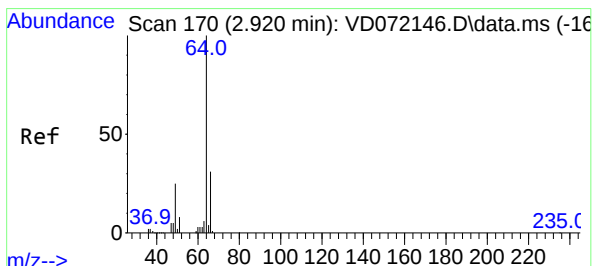
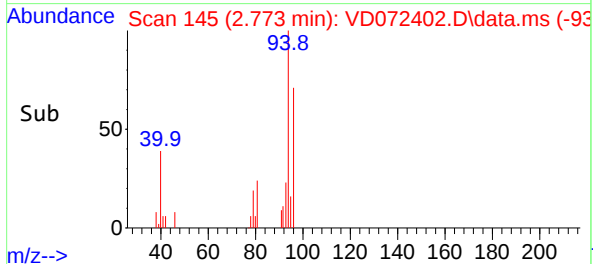
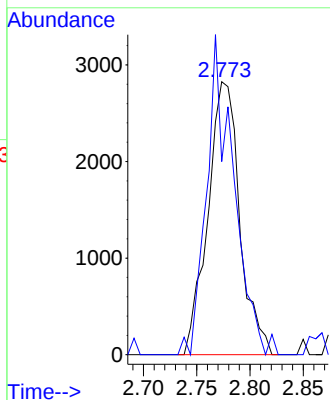
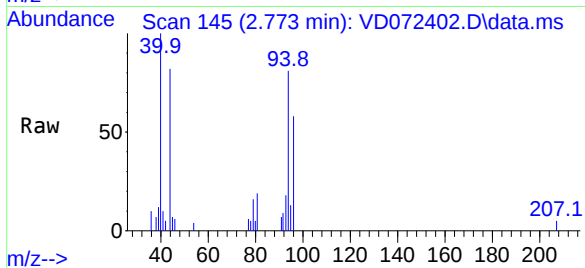




#5
Bromomethane
Concen: 3.164 ug/l
RT: 2.773 min Scan# 144
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

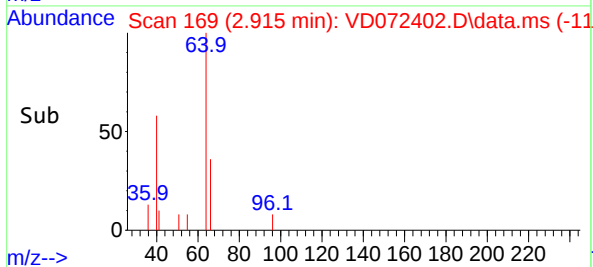
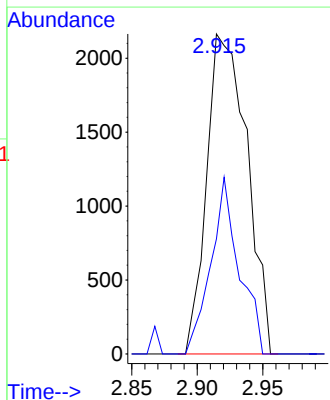
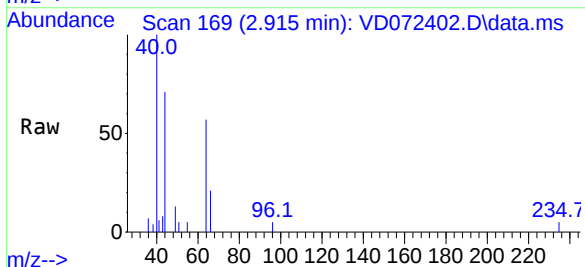
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Tgt Ion: 94 Resp: 5875
Ion Ratio Lower Upper
94 100
96 70.7 77.6 116.4#

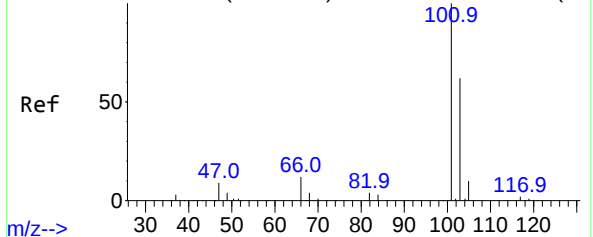


#6
Chloroethane
Concen: 2.452 ug/l
RT: 2.915 min Scan# 169
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 64 Resp: 4622
Ion Ratio Lower Upper
64 100
66 36.0 25.9 38.9



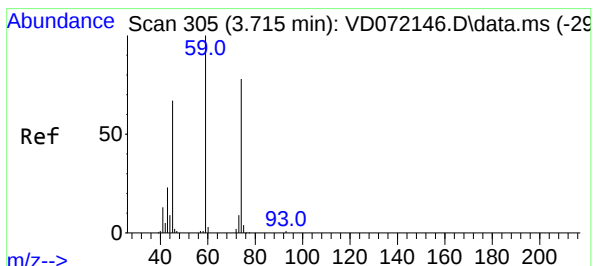
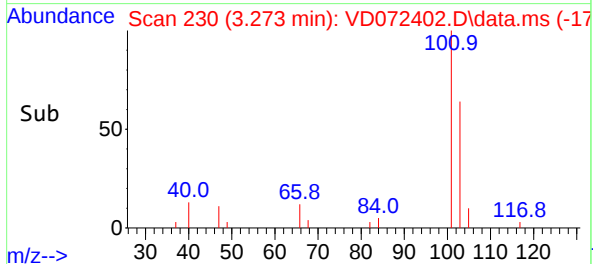
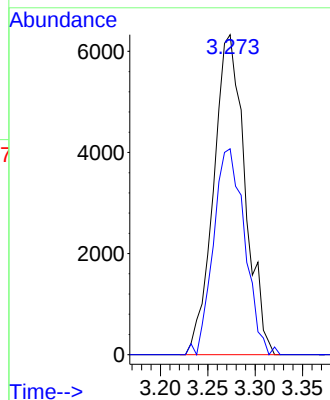
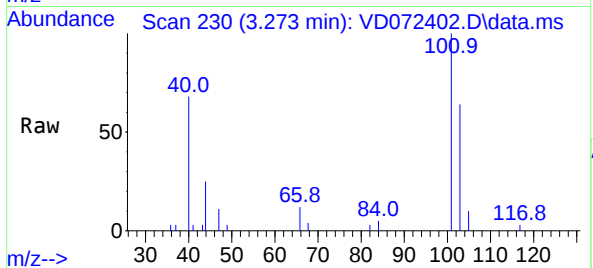
Abundance Scan 230 (3.273 min): VD072146.D\data.ms (-21



#7
Trichlorofluoromethane
Concen: 2.272 ug/l
RT: 3.273 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

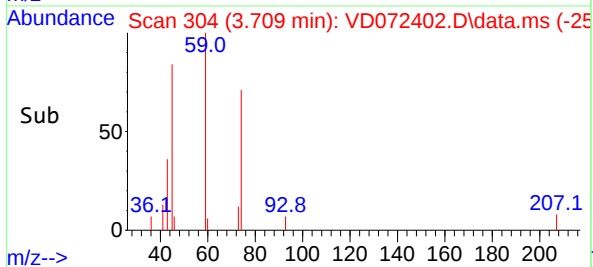
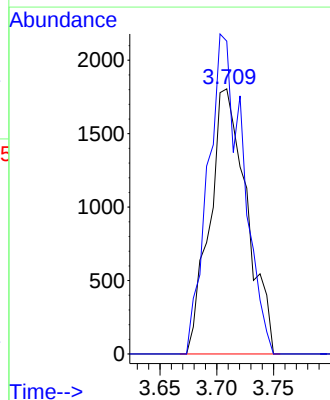
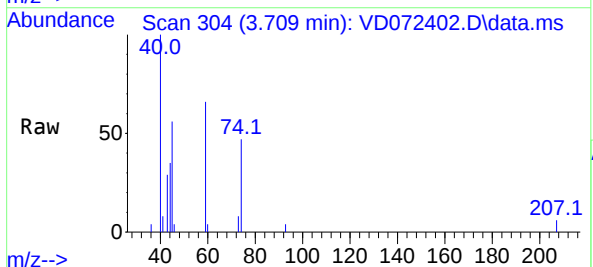
Instrument :
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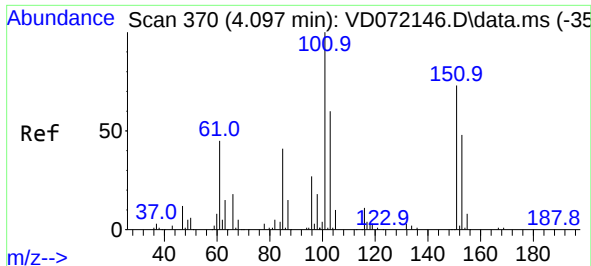
Tgt Ion:101 Resp: 14630
Ion Ratio Lower Upper
101 100
103 64.4 50.1 75.1



#8
Diethyl Ether
Concen: 2.298 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 74 Resp: 4087
Ion Ratio Lower Upper
74 100
45 114.3 52.6 157.8

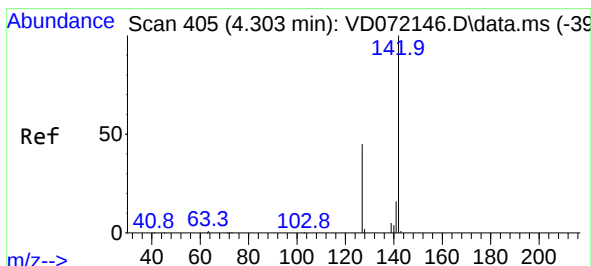
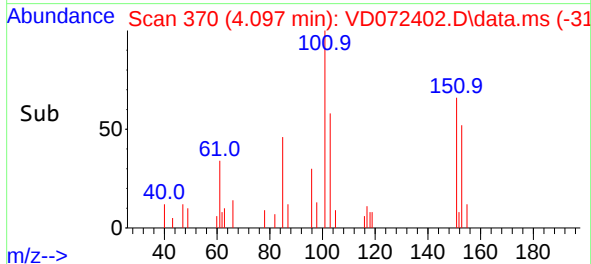
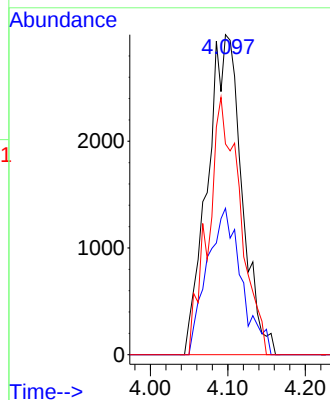
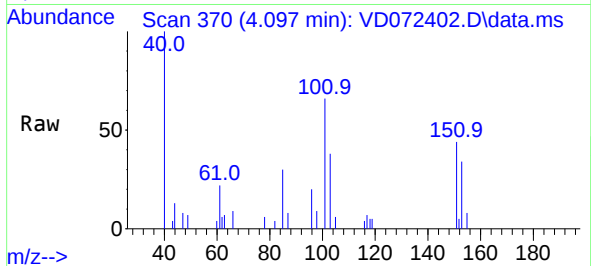




#9
1,1,2-Trichlorotrifluoroethane
Concen: 2.273 ug/l
RT: 4.097 min Scan# 31
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

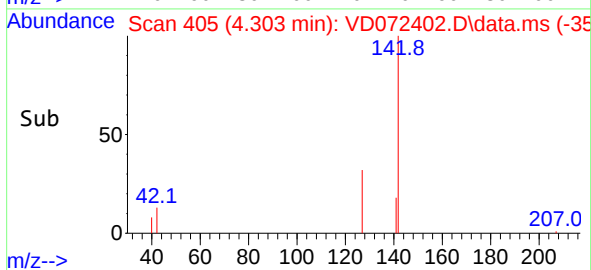
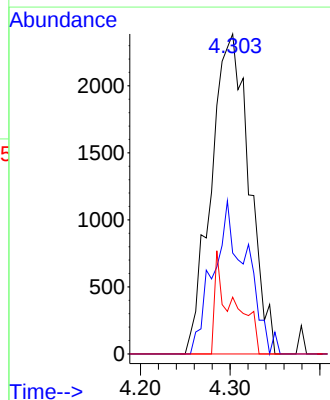
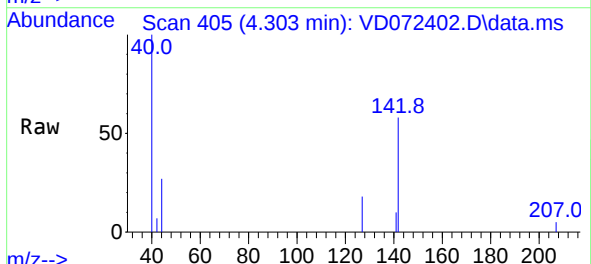
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 9332
Ion Ratio Lower Upper
101 100
85 45.4 36.4 54.6
151 73.6 57.3 85.9



#10
Methyl Iodide
Concen: 4.046 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:142 Resp: 7005
Ion Ratio Lower Upper
142 100
127 42.1 37.3 55.9
141 7.3 11.7 17.5#

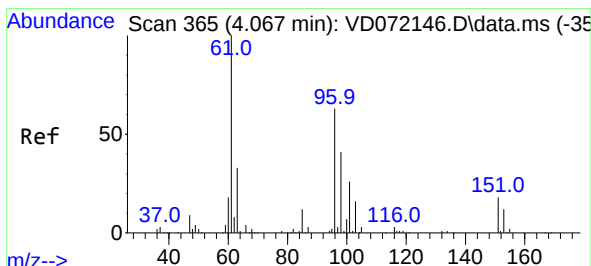
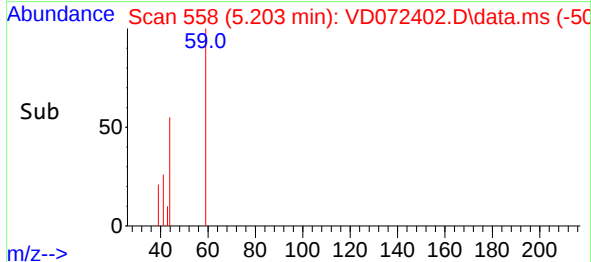
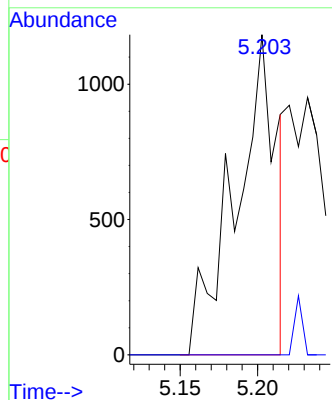
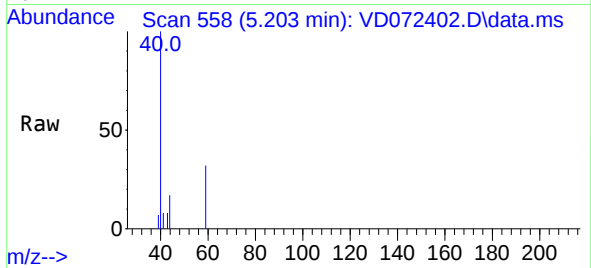




#11
Tert butyl alcohol
Concen: 9.348 ug/l
RT: 5.203 min Scan# 511
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

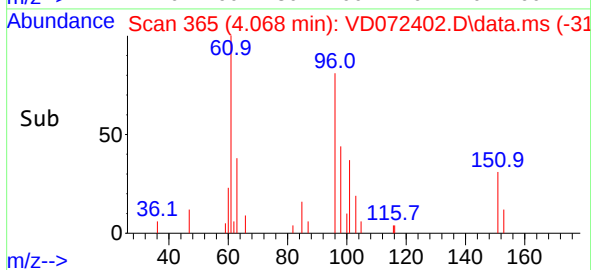
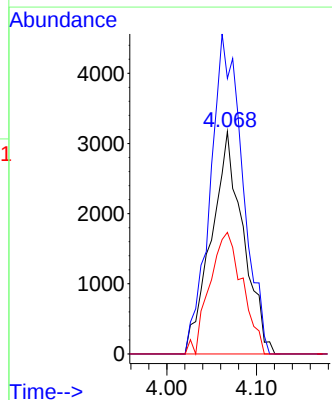
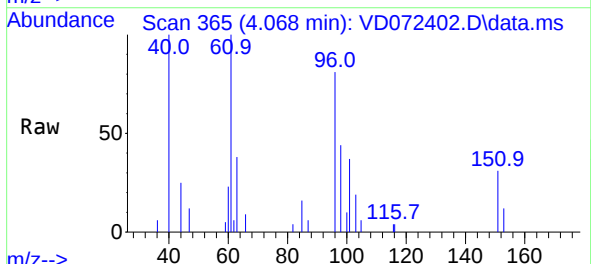
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

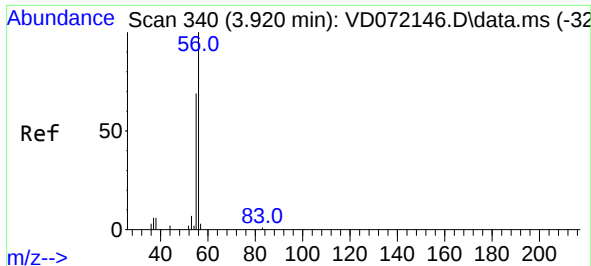
Tgt Ion: 59 Resp: 2171
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#12
1,1-Dichloroethene
Concen: 2.372 ug/l
RT: 4.068 min Scan# 365
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 96 Resp: 7835
Ion Ratio Lower Upper
96 100
61 124.0 138.5 207.7#
98 54.7 48.6 73.0

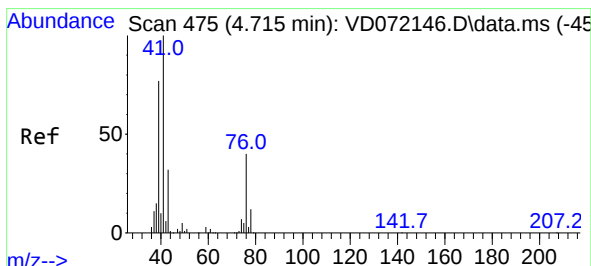
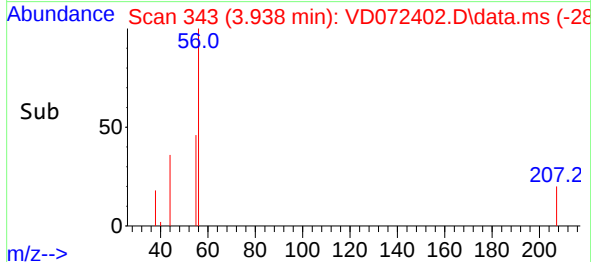
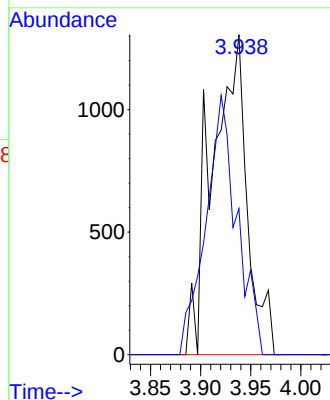
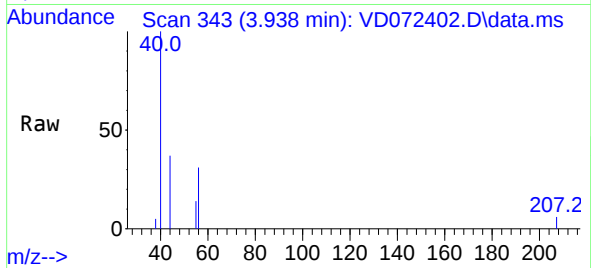




#13
Acrolein
Concen: 15.345 ug/l
RT: 3.938 min Scan# 341
Delta R.T. 0.018 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

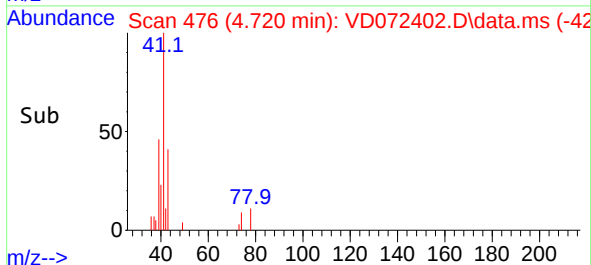
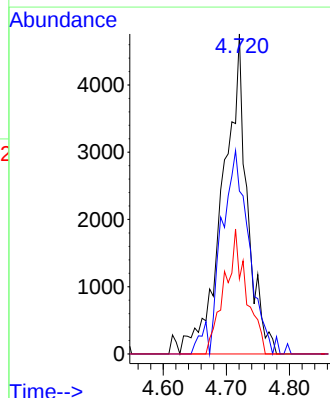
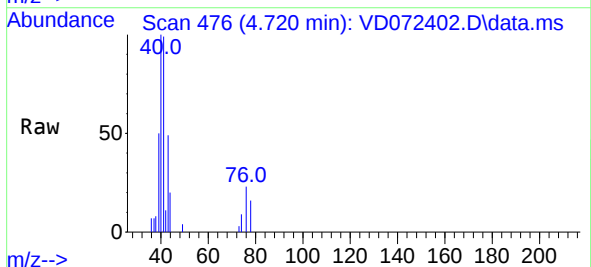
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

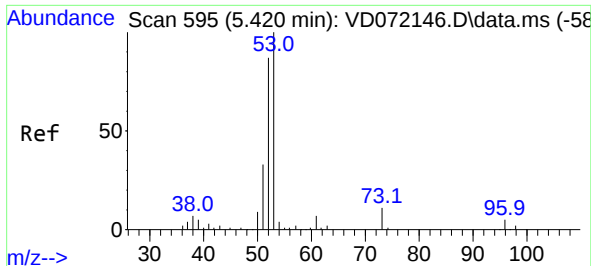
Tgt Ion: 56 Resp: 3180
Ion Ratio Lower Upper
56 100
55 72.0 57.1 85.7



#14
Allyl chloride
Concen: 2.202 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 41 Resp: 12717
Ion Ratio Lower Upper
41 100
39 73.1 59.3 88.9
76 34.8 25.7 38.5

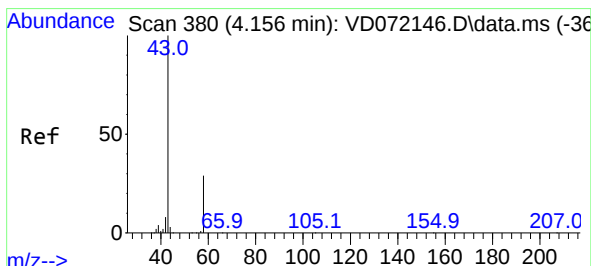
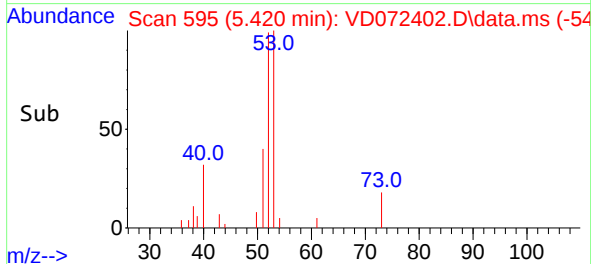
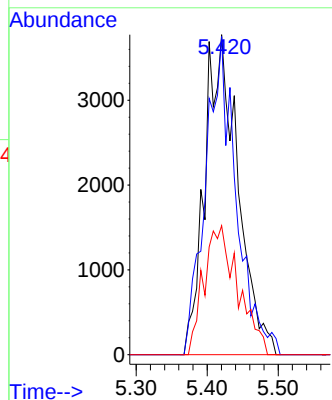
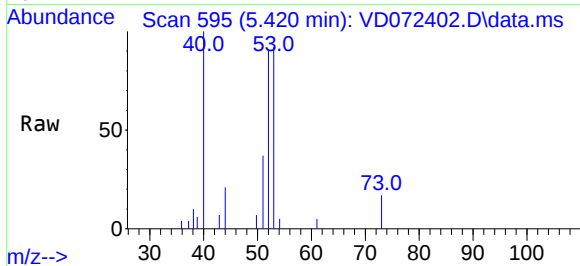




#15
Acrylonitrile
Concen: 13.609 ug/l
RT: 5.420 min Scan# 595
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

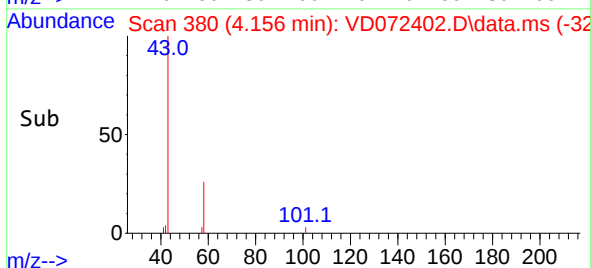
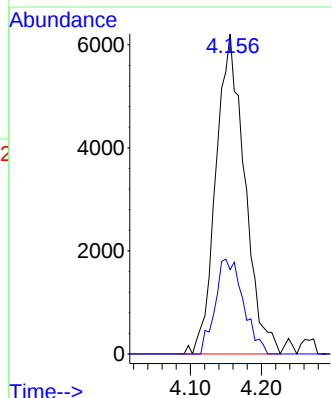
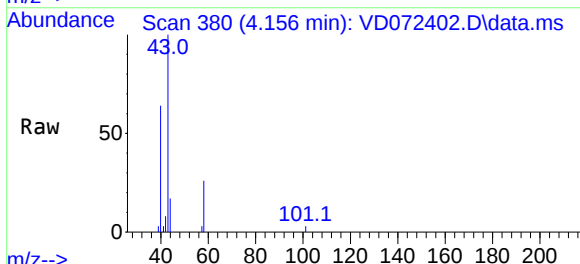
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

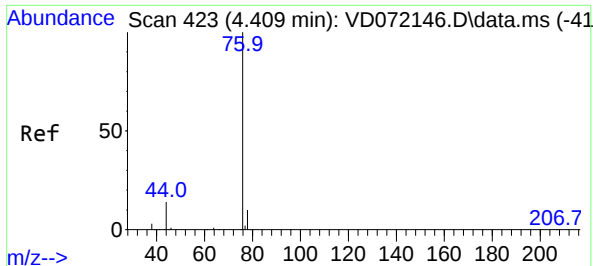
Tgt Ion:	53	Resp:	12212
Ion	Ratio	Lower	Upper
53	100		
52	92.3	67.2	100.8
51	41.6	30.3	45.5



#16
Acetone
Concen: 20.089 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	43	Resp:	17470
Ion	Ratio	Lower	Upper
43	100		
58	26.4	22.1	33.1

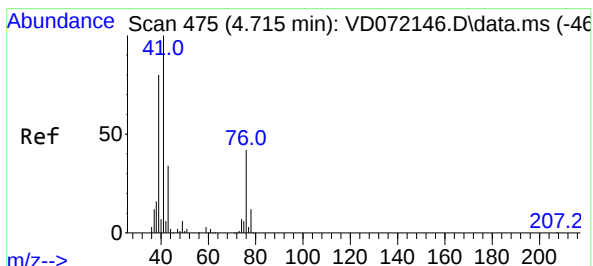
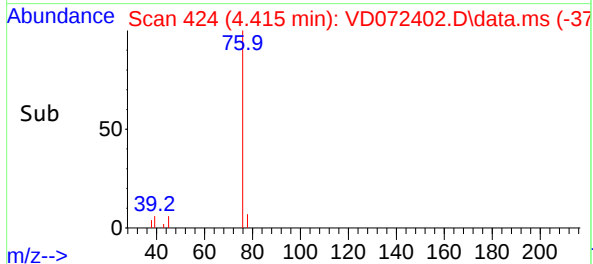
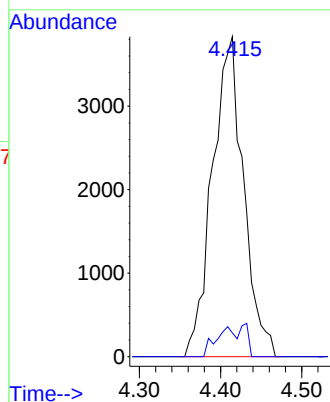
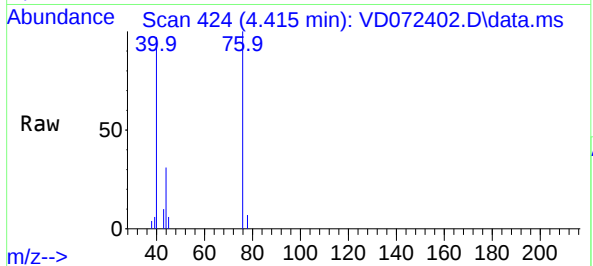




#17
Carbon Disulfide
Concen: 2.787 ug/l
RT: 4.415 min Scan# 41
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

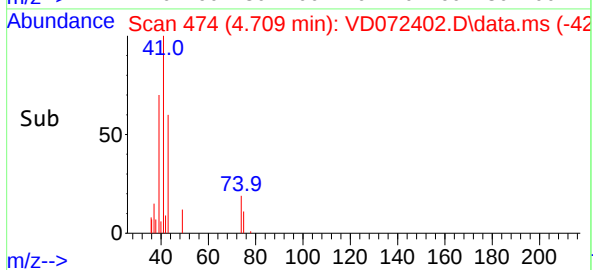
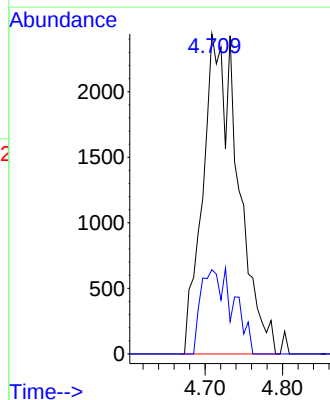
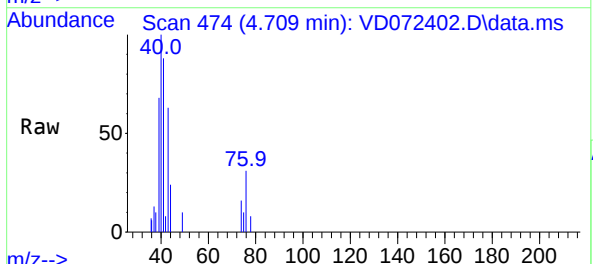
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

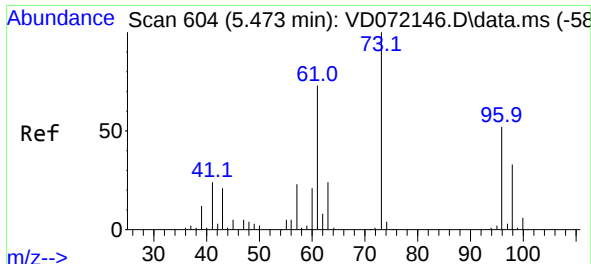
Tgt Ion: 76 Resp: 10220
Ion Ratio Lower Upper
76 100
78 7.4 7.5 11.3#



#18
Methyl Acetate
Concen: 3.637 ug/l
RT: 4.709 min Scan# 474
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 43 Resp: 7751
Ion Ratio Lower Upper
43 100
74 24.2 16.7 25.1

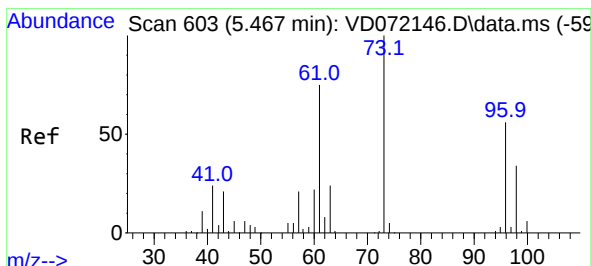
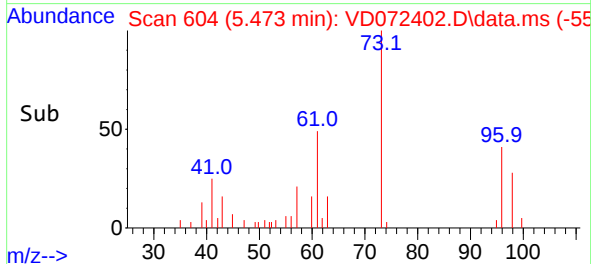
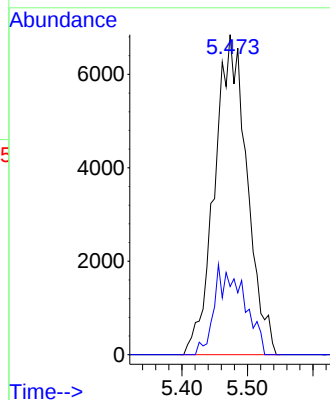
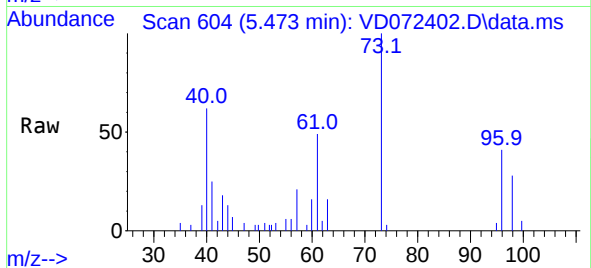




#19
Methyl tert-butyl Ether
Concen: 2.620 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

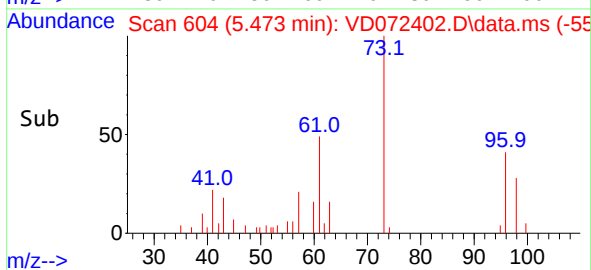
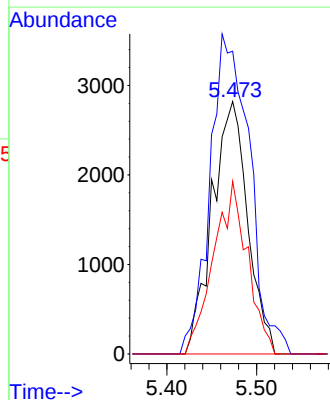
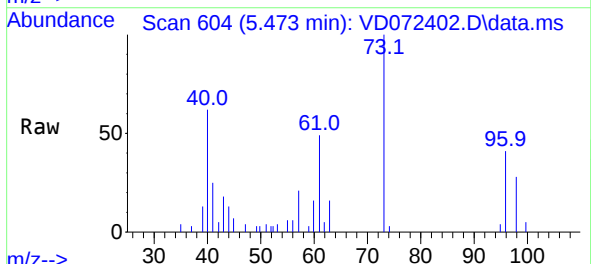
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

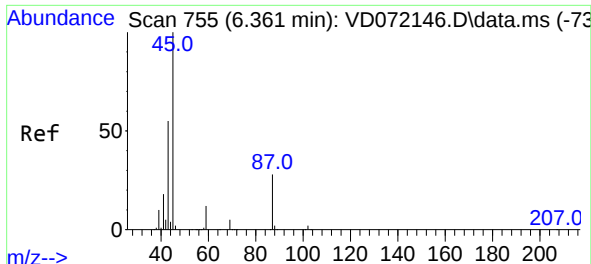
Tgt Ion: 73 Resp: 23519
Ion Ratio Lower Upper
73 100
57 21.3 18.0 27.0



#21
trans-1,2-Dichloroethene
Concen: 2.120 ug/l
RT: 5.473 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

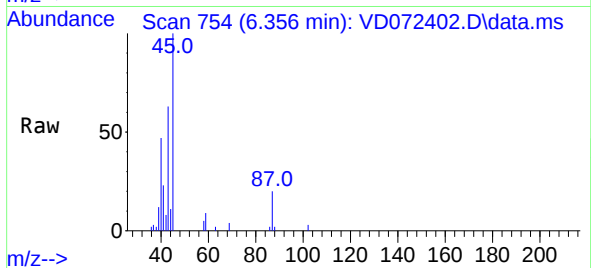
Tgt Ion: 96 Resp: 7745
Ion Ratio Lower Upper
96 100
61 119.9 117.9 176.9
98 68.4 49.4 74.2



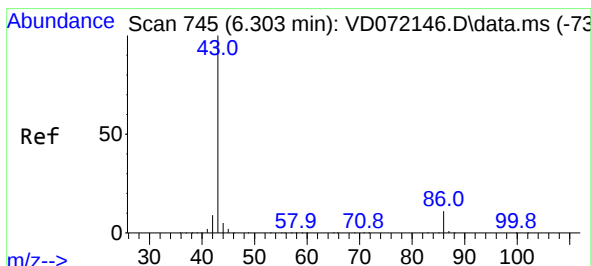
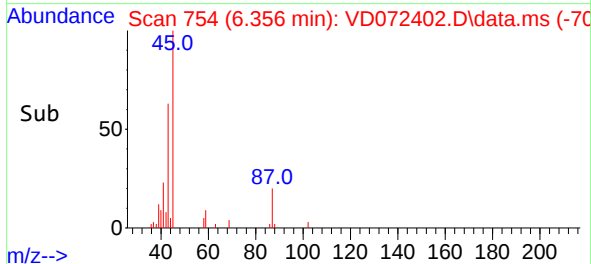
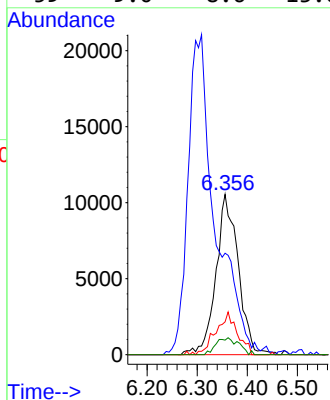


#22
Diisopropyl ether
Concen: 2.474 ug/l
RT: 6.356 min Scan# 754
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

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

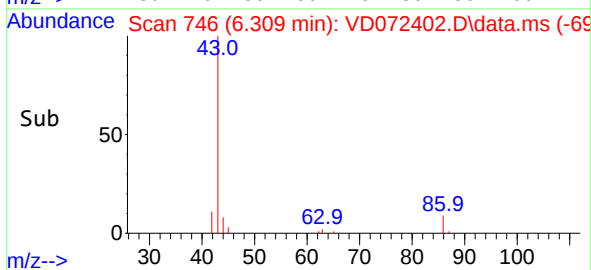
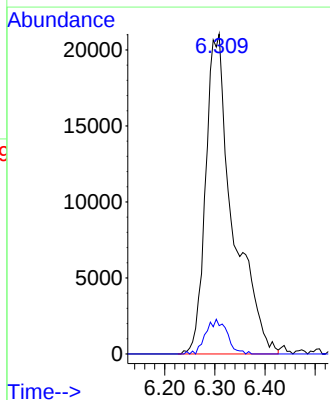
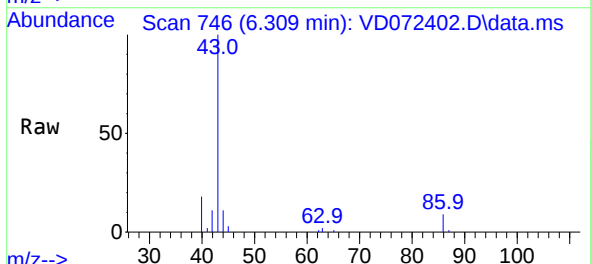


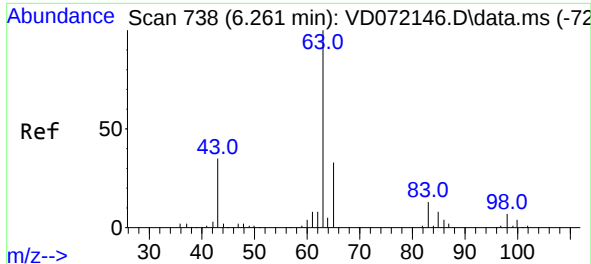
Tgt Ion:	45	Resp:	32585
Ion	Ratio	Lower	Upper
45	100		
43	61.6	46.6	70.0
87	20.5	18.4	27.6
59	9.0	8.6	13.0



#23
Vinyl Acetate
Concen: 11.779 ug/l
RT: 6.309 min Scan# 746
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	43	Resp:	79188
Ion	Ratio	Lower	Upper
43	100		
86	8.9	7.1	10.7





#24

1,1-Dichloroethane

Concen: 2.685 ug/l

RT: 6.267 min Scan# 71

Delta R.T. 0.006 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

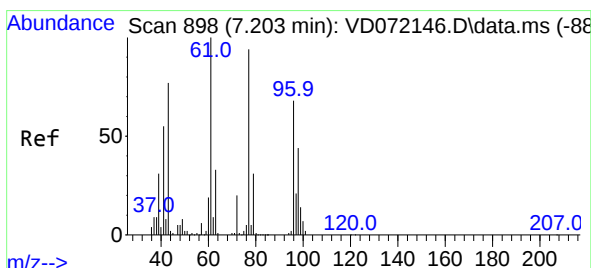
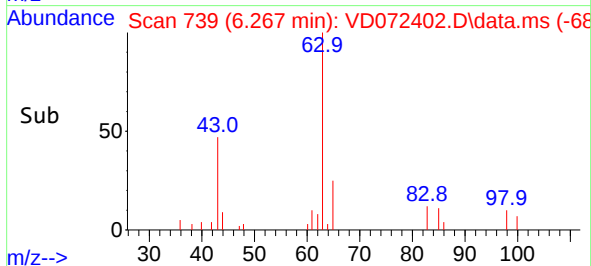
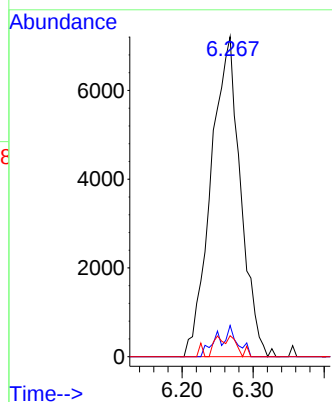
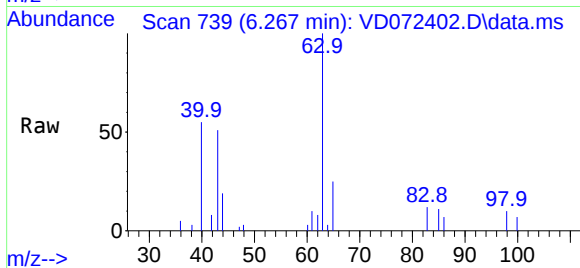
Tgt Ion: 63 Resp: 20858

Ion Ratio Lower Upper

63 100

98 9.7 3.6 10.9

100 6.6 2.1 6.5#



#25

2-Butanone

Concen: 16.785 ug/l

RT: 7.214 min Scan# 900

Delta R.T. 0.012 min

Lab File: VD072402.D

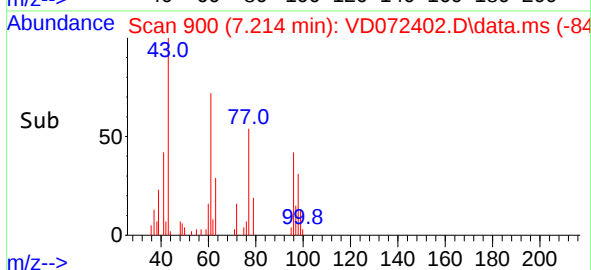
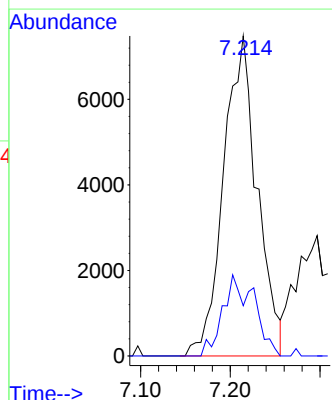
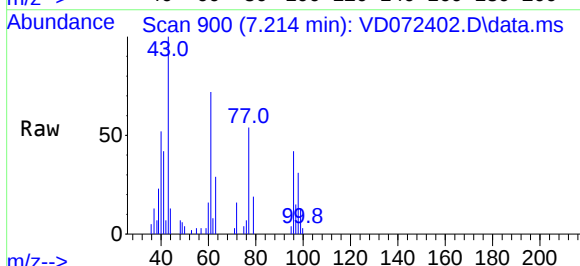
Acq: 24 Mar 2022 12:36

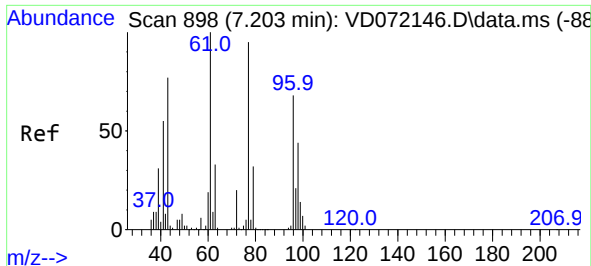
Tgt Ion: 43 Resp: 19462

Ion Ratio Lower Upper

43 100

72 15.7 18.6 27.8#

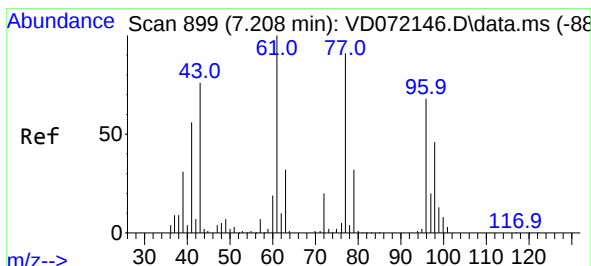
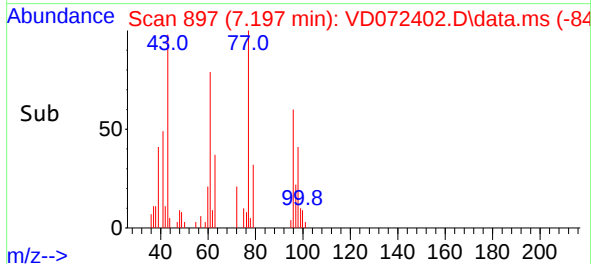
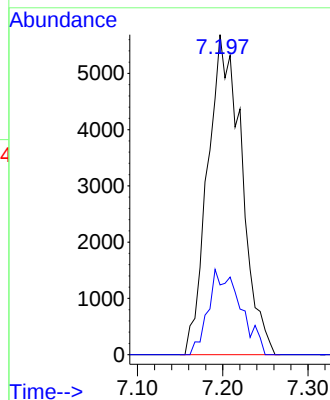
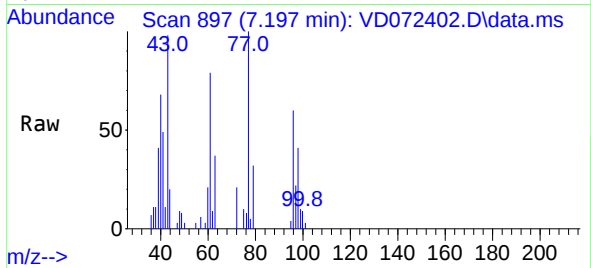




#26
2,2-Dichloropropane
Concen: 2.240 ug/l
RT: 7.197 min Scan# 897
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

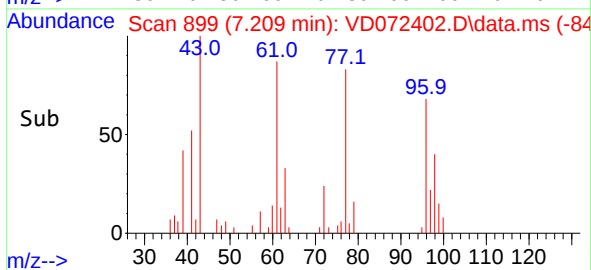
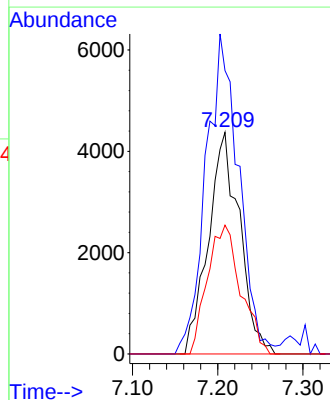
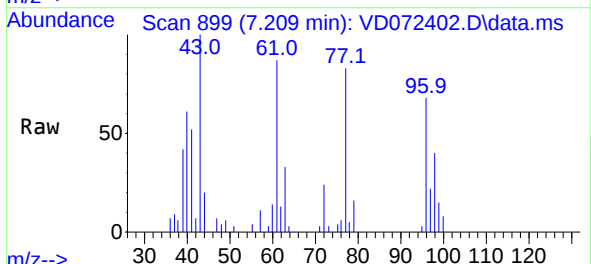
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

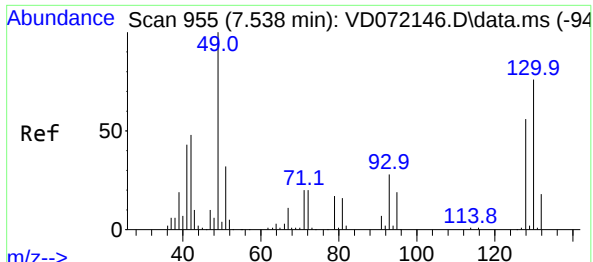
Tgt Ion: 77 Resp: 15704
Ion Ratio Lower Upper
77 100
97 25.2 10.8 32.4



#27
cis-1,2-Dichloroethene
Concen: 2.387 ug/l
RT: 7.209 min Scan# 899
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 96 Resp: 11136
Ion Ratio Lower Upper
96 100
61 151.3 0.0 313.8
98 62.1 0.0 128.8

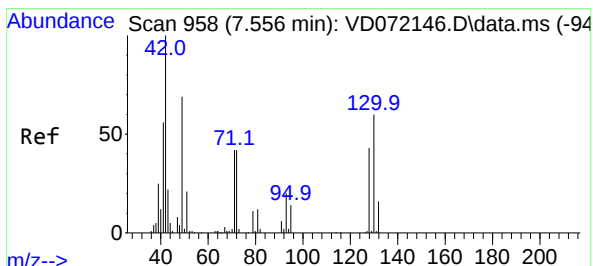
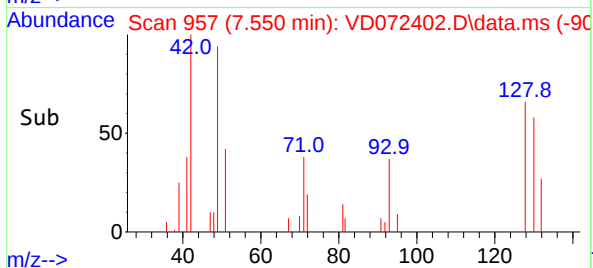
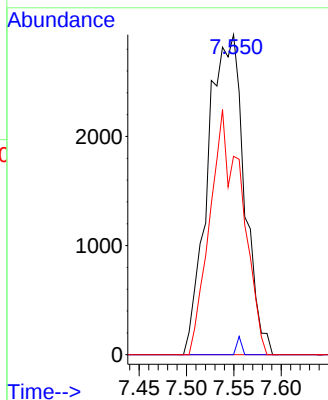
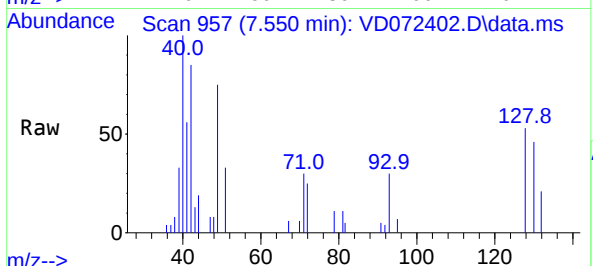




#28
Bromochloromethane
Concen: 2.509 ug/l
RT: 7.550 min Scan# 91
Delta R.T. 0.012 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

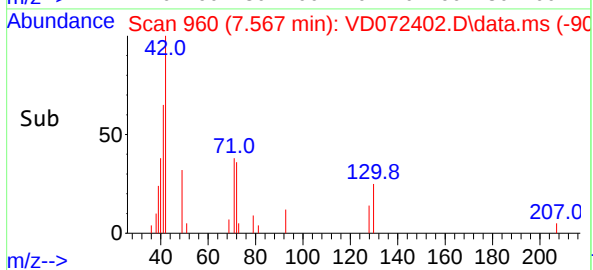
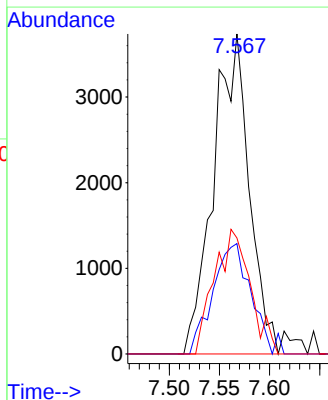
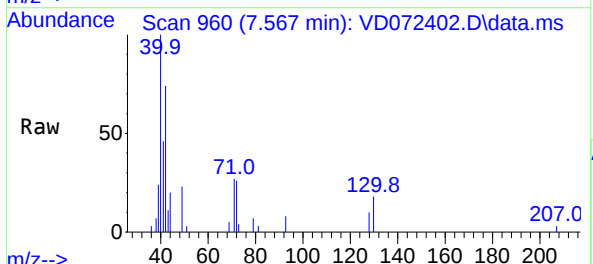
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

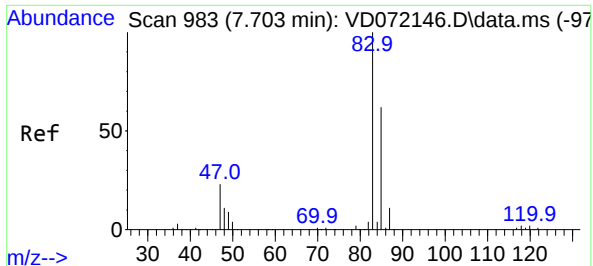
Tgt Ion: 49 Resp: 7847
Ion Ratio Lower Upper
49 100
129 0.8 0.0 4.0
130 67.8 52.6 79.0



#29
Tetrahydrofuran
Concen: 13.605 ug/l
RT: 7.567 min Scan# 960
Delta R.T. 0.012 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 42 Resp: 9276
Ion Ratio Lower Upper
42 100
72 37.0 30.7 46.1
71 39.1 28.6 43.0





#30

Chloroform

Concen: 2.772 ug/l

RT: 7.708 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

Instrument :

MSVOA_D

ClientSampleId :

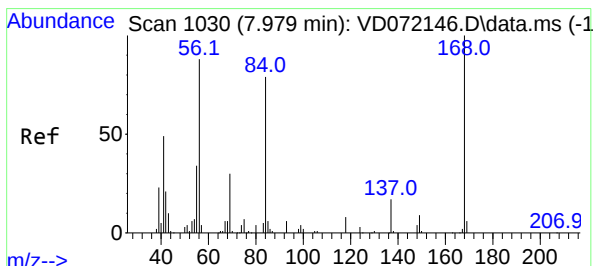
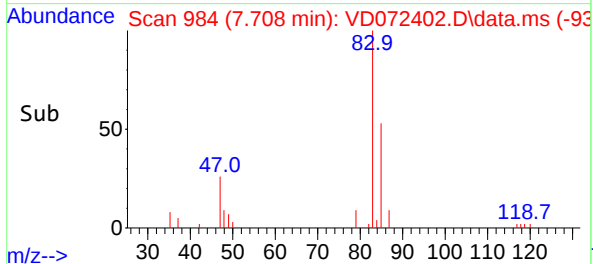
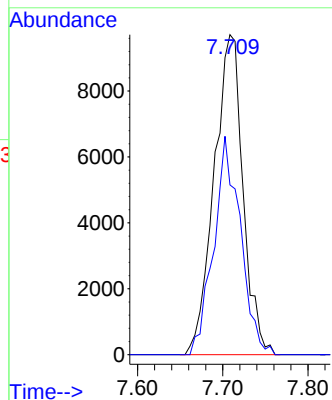
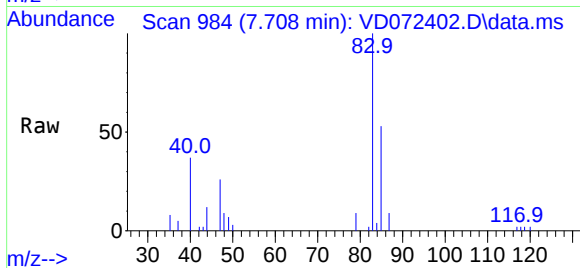
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 83 Resp: 22941

Ion Ratio Lower Upper

83 100

85 53.1 52.7 79.1



#31

Cyclohexane

Concen: 3.017 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

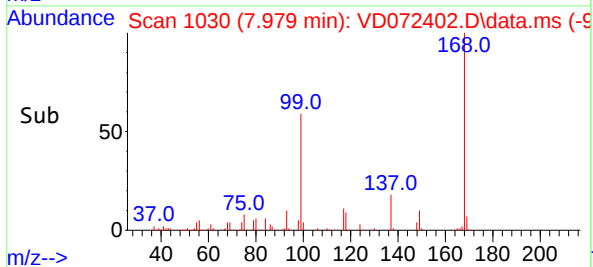
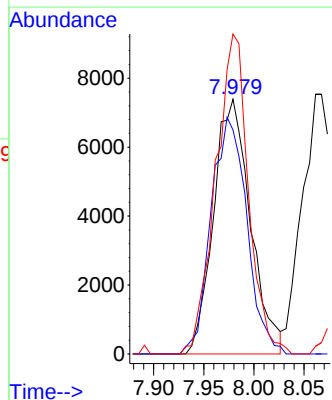
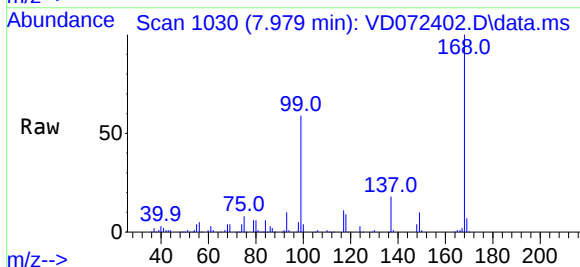
Tgt Ion: 56 Resp: 18878

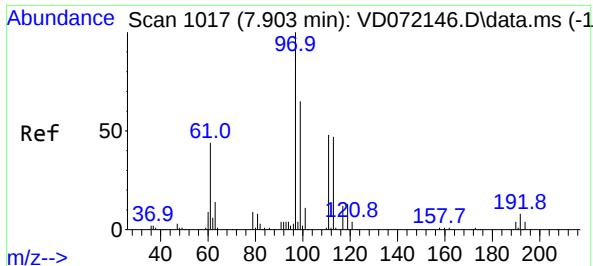
Ion Ratio Lower Upper

56 100

69 87.9 25.4 38.2#

84 125.6 63.0 94.4#

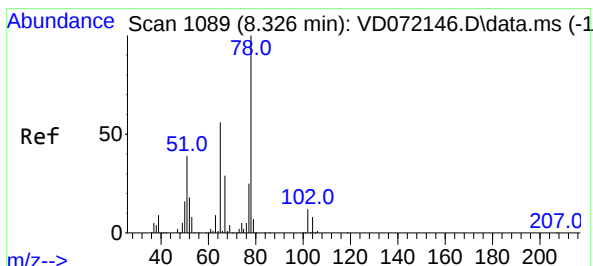
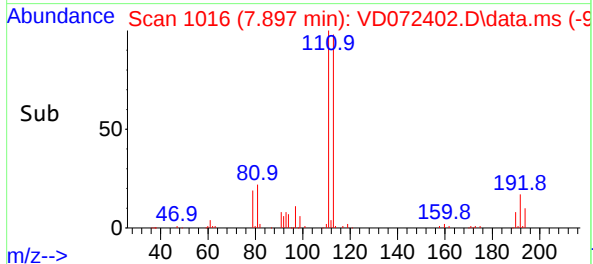
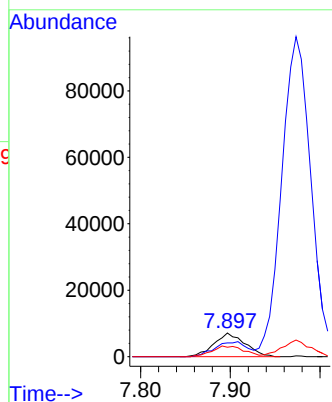
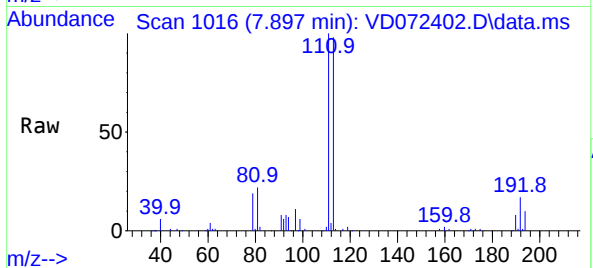




#32
1,1,1-Trichloroethane
Concen: 2.319 ug/l
RT: 7.897 min Scan# 1016
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

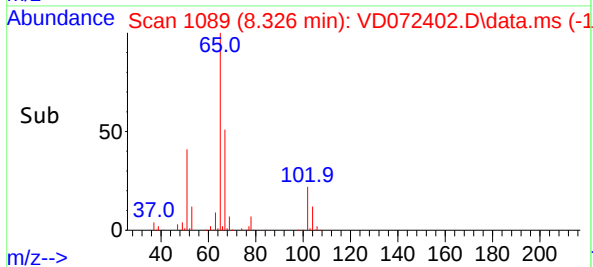
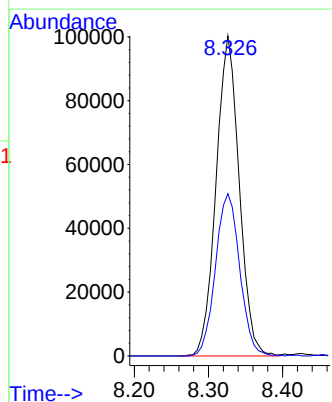
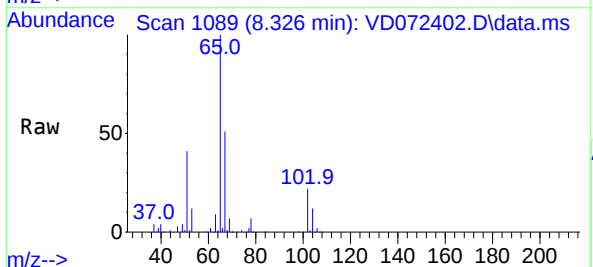
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

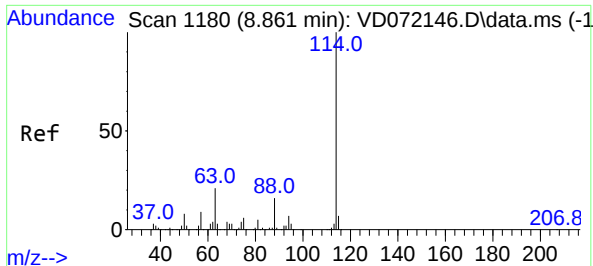
Tgt Ion:	97	Resp:	17048
Ion	Ratio	Lower	Upper
97	100		
99	65.9	52.4	78.6
61	46.5	38.0	57.0



#33
1,2-Dichloroethane-d4
Concen: 54.233 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	65	Resp:	217220
Ion	Ratio	Lower	Upper
65	100		
67	53.1	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: VD072402.D

Acq: 24 Mar 2022 12:36

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

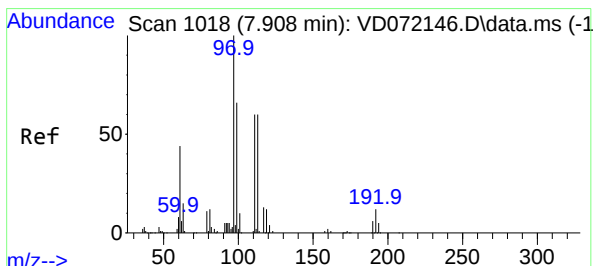
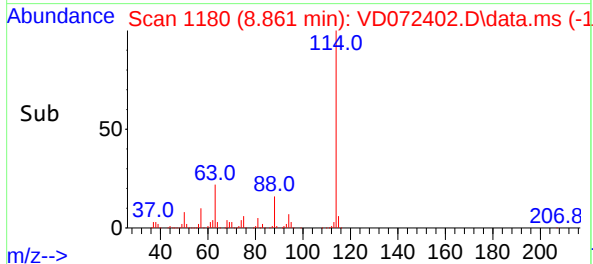
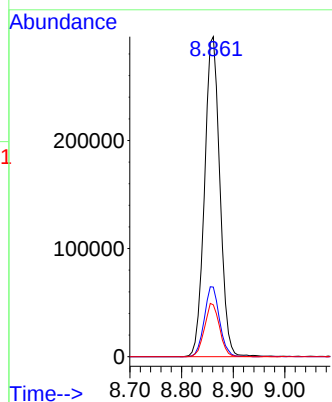
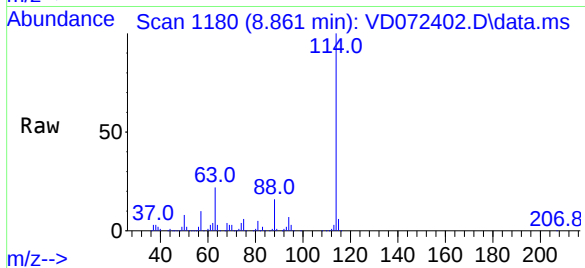
Tgt Ion:114 Resp: 609540

Ion Ratio Lower Upper

114 100

63 21.8 0.0 46.6

88 16.2 0.0 33.2



#35

Dibromofluoromethane

Concen: 52.579 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

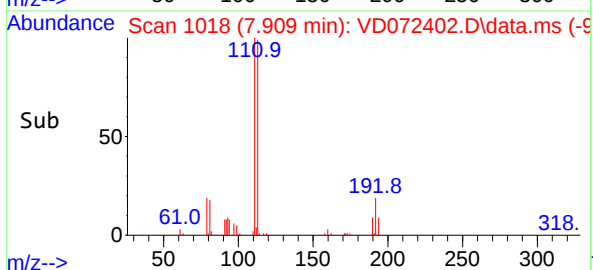
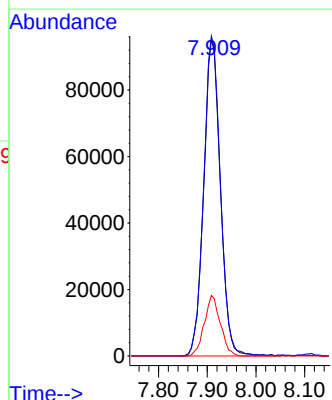
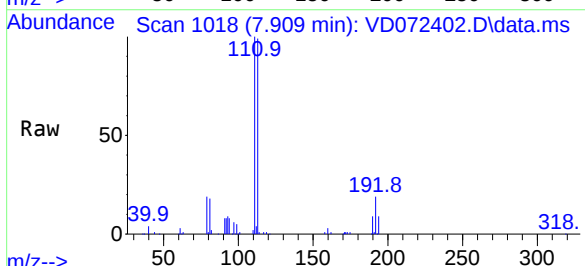
Tgt Ion:113 Resp: 225530

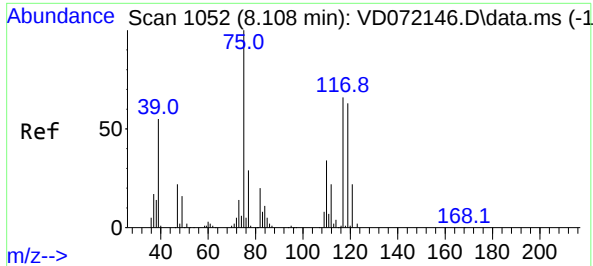
Ion Ratio Lower Upper

113 100

111 101.3 83.8 125.6

192 18.4 14.6 21.8

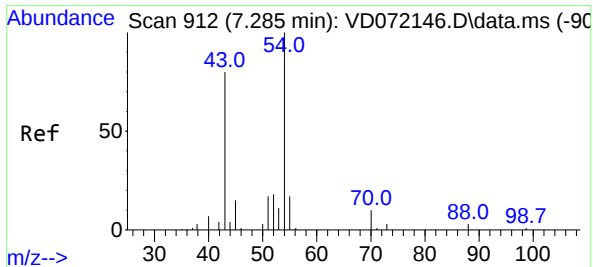
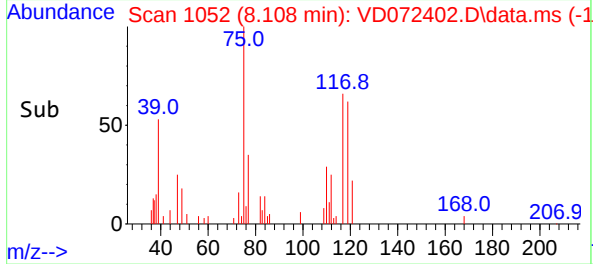
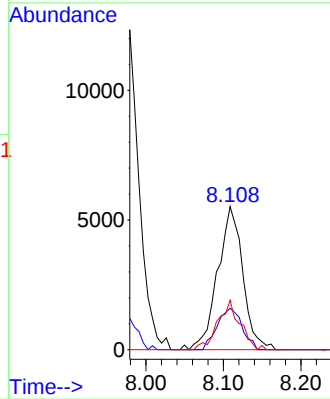
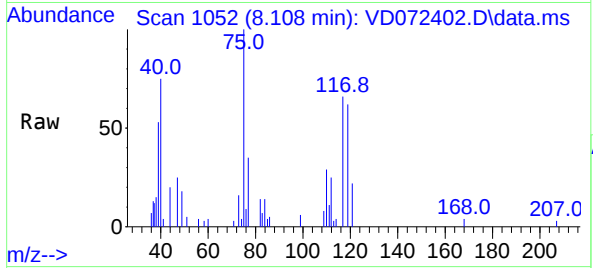




#36
1,1-Dichloropropene
Concen: 2.074 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

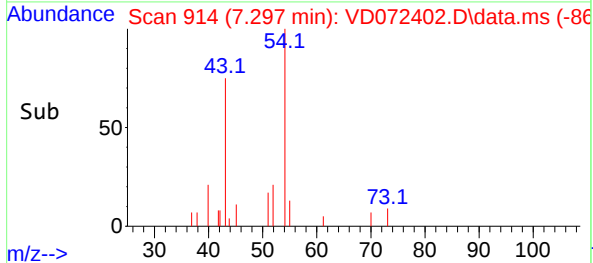
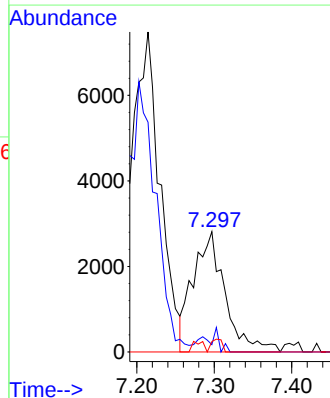
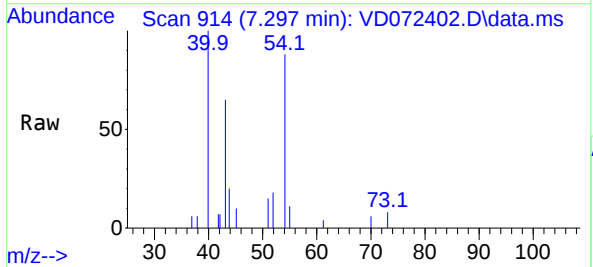
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

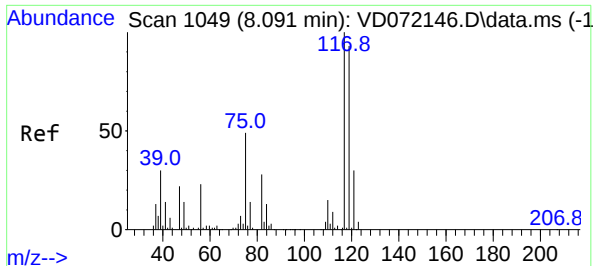
Tgt Ion:	75	Resp:	12478
Ion	Ratio	Lower	Upper
75	100		
110	28.5	16.4	49.1
77	30.5	24.2	36.2



#37
Ethyl Acetate
Concen: 3.060 ug/l
RT: 7.297 min Scan# 914
Delta R.T. 0.012 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	43	Resp:	8067
Ion	Ratio	Lower	Upper
43	100		
61	0.0	9.8	14.8#
70	3.6	6.9	10.3#

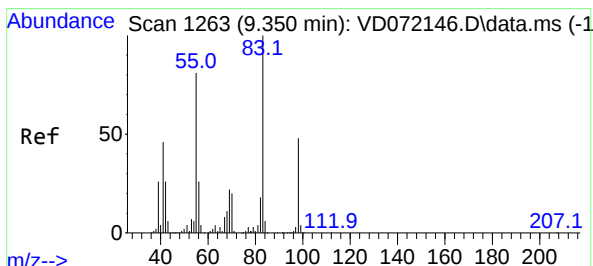
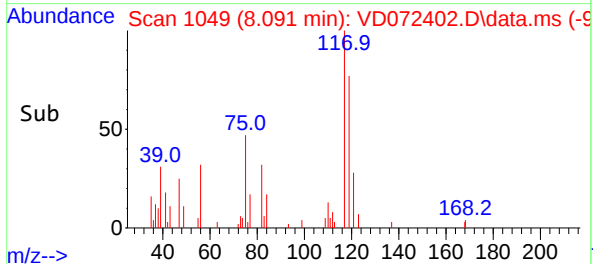
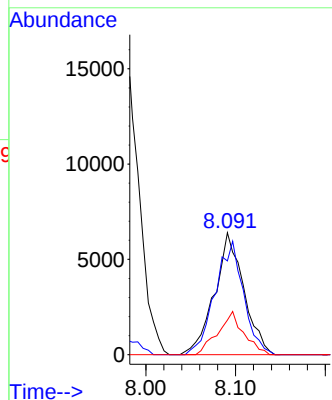
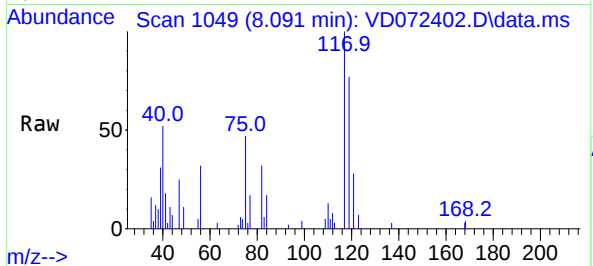




#38
Carbon Tetrachloride
Concen: 2.122 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

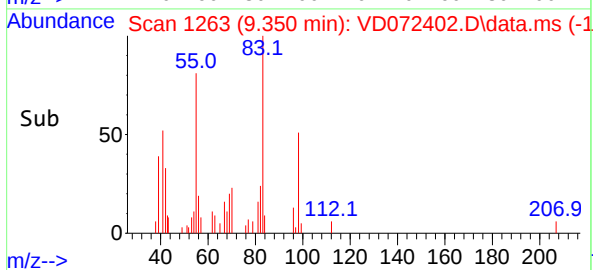
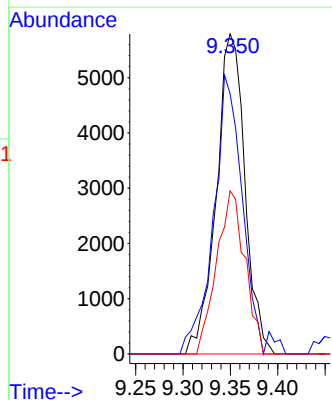
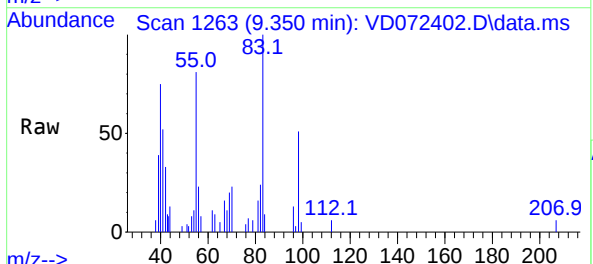
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

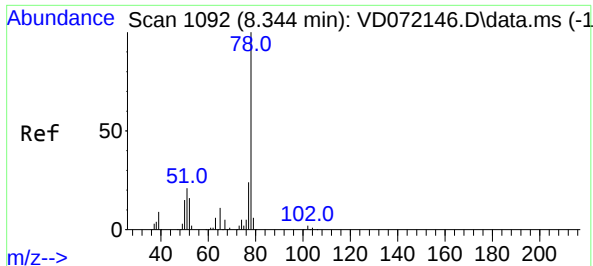
Tgt Ion:117 Resp: 14514
Ion Ratio Lower Upper
117 100
119 77.0 75.8 113.6
121 28.4 24.5 36.7



#39
Methylcyclohexane
Concen: 1.800 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 83 Resp: 12190
Ion Ratio Lower Upper
83 100
55 81.3 63.2 94.8
98 51.0 38.2 57.4

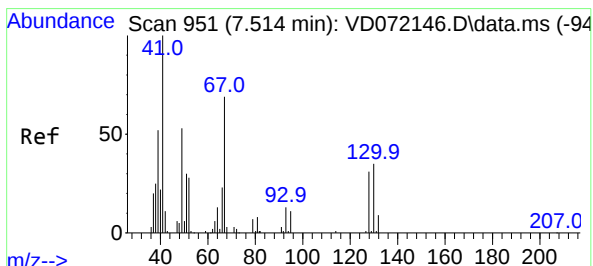
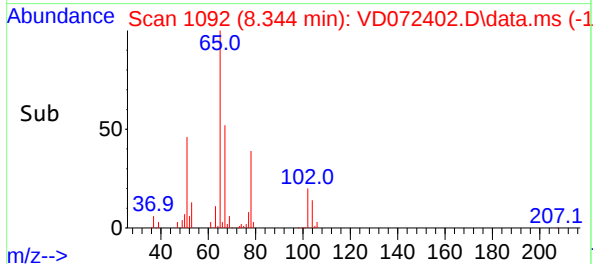
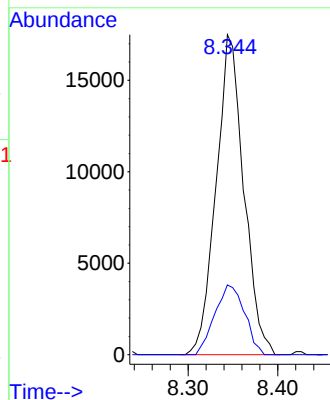
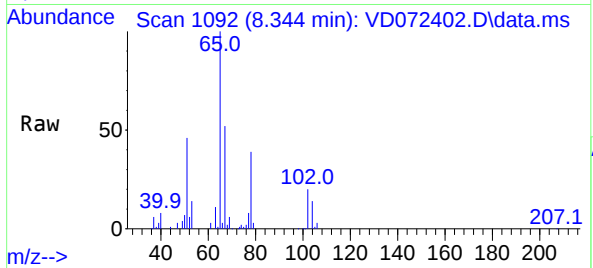




#40
Benzene
Concen: 2.177 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

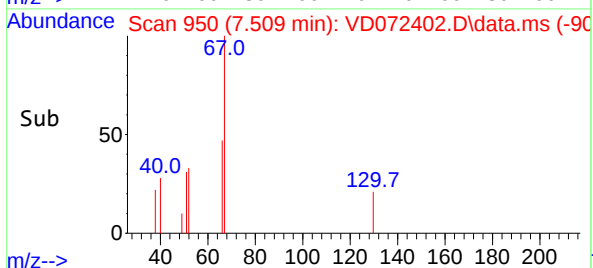
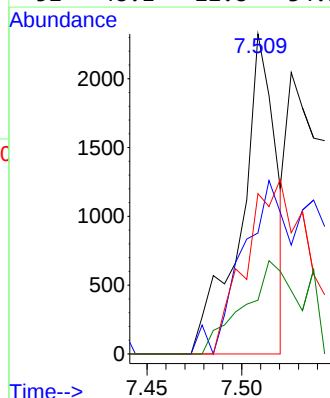
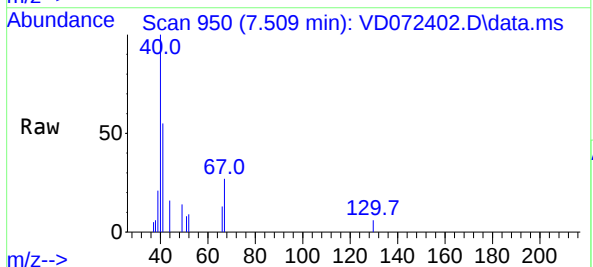
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

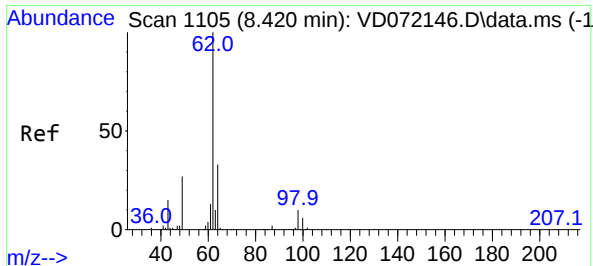
Tgt Ion: 78 Resp: 37379
Ion Ratio Lower Upper
78 100
77 21.8 19.1 28.7



#41
Methacrylonitrile
Concen: 1.960 ug/l
RT: 7.509 min Scan# 950
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 41 Resp: 3011
Ion Ratio Lower Upper
41 100
39 69.8 44.6 67.0#
67 95.3 48.2 72.4#
52 48.1 22.8 34.2#





#42

1,2-Dichloroethane

Concen: 2.640 ug/l

RT: 8.414 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

Instrument :

MSVOA_D

ClientSampleId :

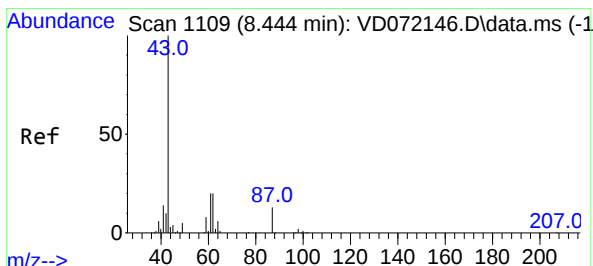
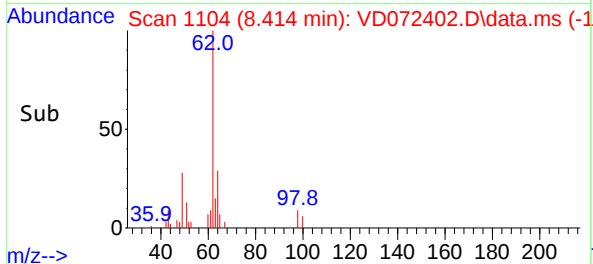
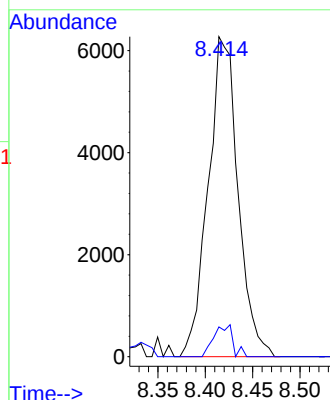
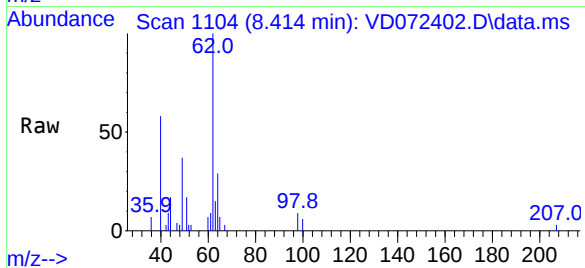
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 62 Resp: 13747

Ion Ratio Lower Upper

62 100

98 6.4 0.0 17.6



#43

Isopropyl Acetate

Concen: 2.747 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. 0.000 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

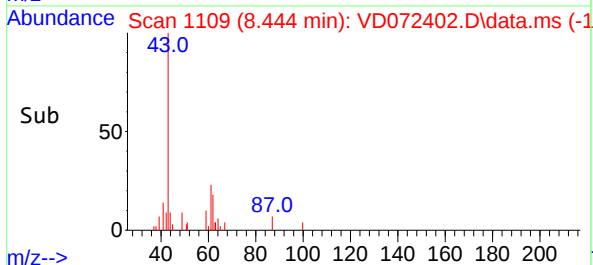
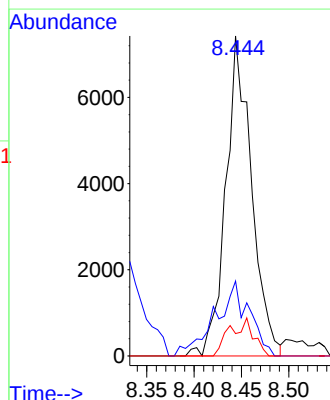
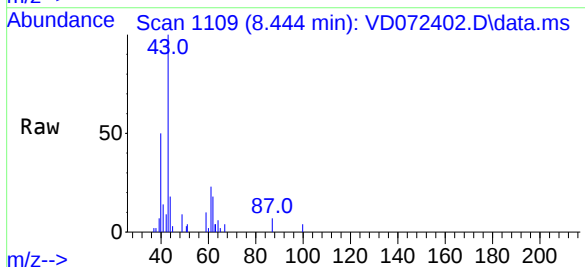
Tgt Ion: 43 Resp: 14054

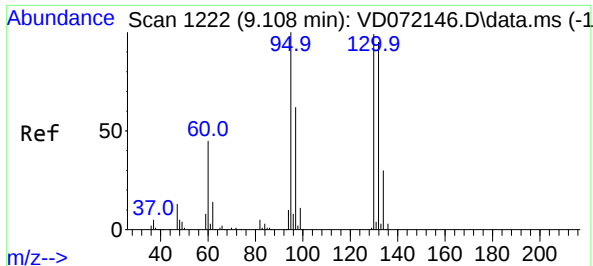
Ion Ratio Lower Upper

43 100

61 30.9 22.4 33.6

87 4.9 8.7 13.1#

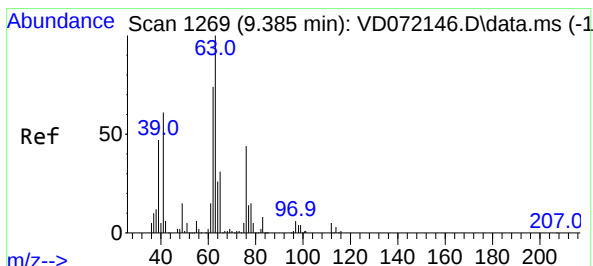
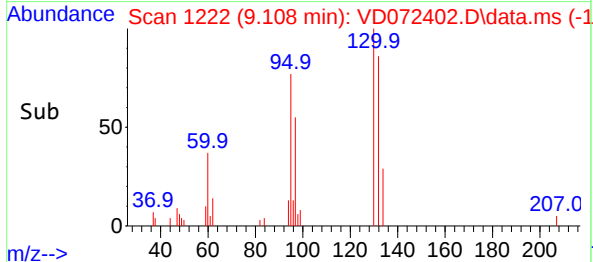
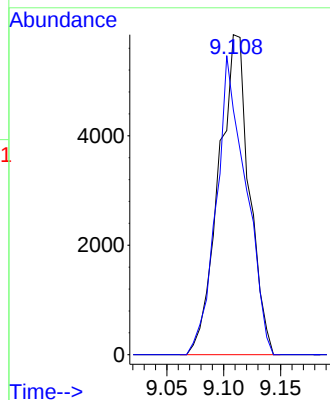
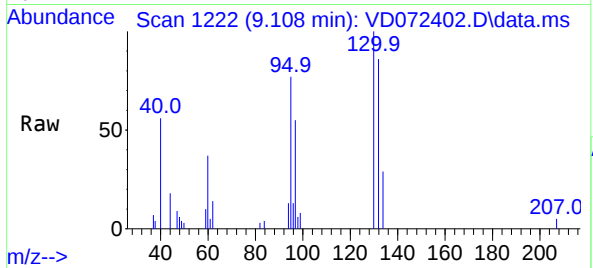




#44
Trichloroethene
Concen: 2.272 ug/l
RT: 9.108 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

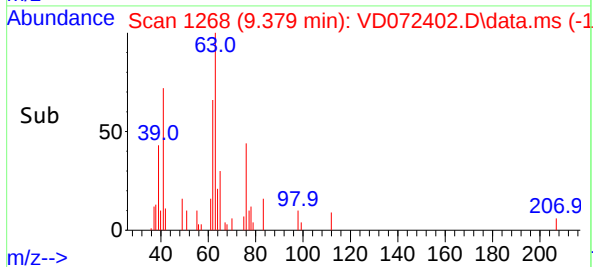
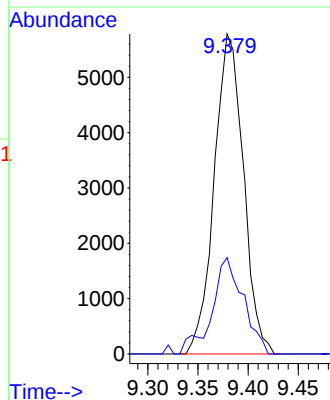
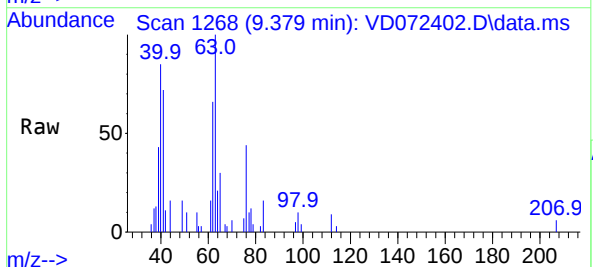
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

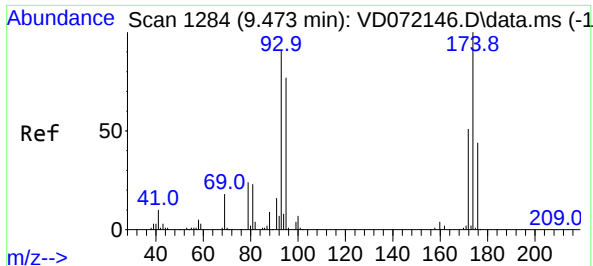
Tgt Ion:130 Resp: 10949
Ion Ratio Lower Upper
130 100
95 76.6 0.0 205.4



#45
1,2-Dichloropropane
Concen: 2.486 ug/l
RT: 9.379 min Scan# 1268
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 63 Resp: 11704
Ion Ratio Lower Upper
63 100
65 30.1 26.2 39.4

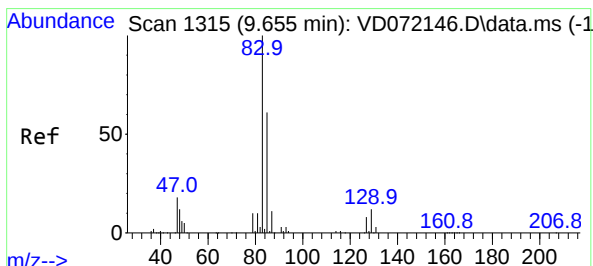
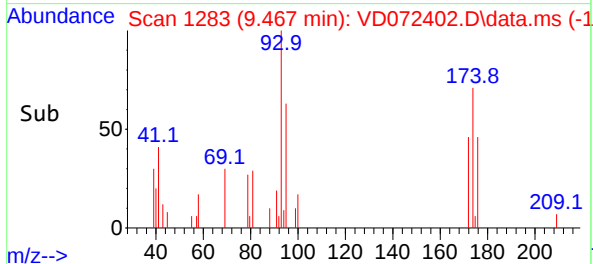
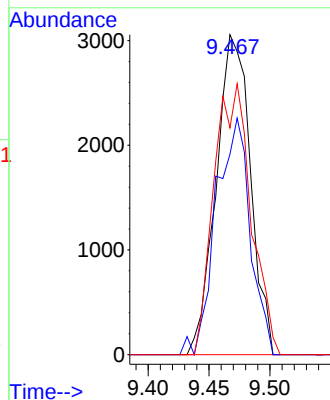
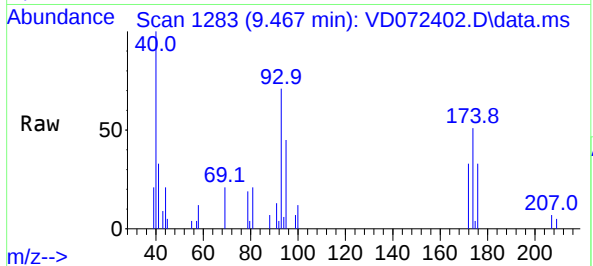




#46
Dibromomethane
Concen: 2.582 ug/l
RT: 9.467 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

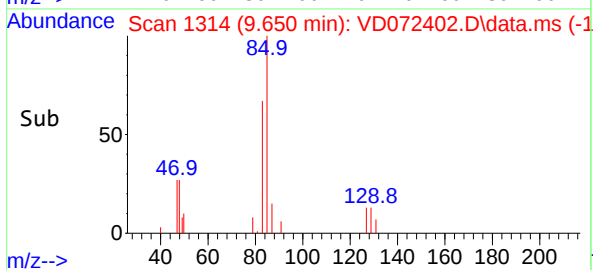
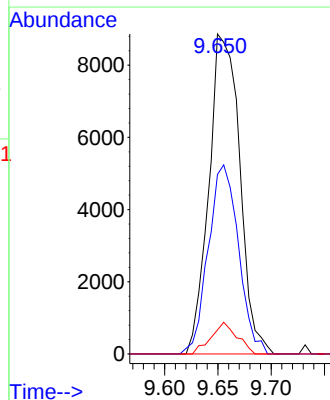
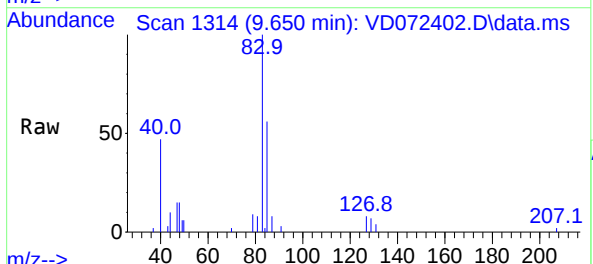
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

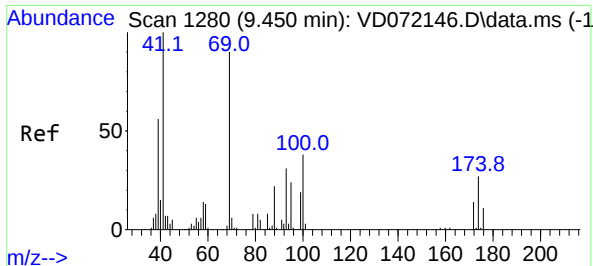
Tgt Ion:	93	Resp:	5980
Ion	Ratio	Lower	Upper
93	100		
95	73.6	66.7	100.1
174	91.6	71.6	107.4



#47
Bromodichloromethane
Concen: 2.643 ug/l
RT: 9.650 min Scan# 1314
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	83	Resp:	17845
Ion	Ratio	Lower	Upper
83	100		
85	56.1	51.4	77.0
127	7.5	6.1	9.1





#48

Methyl methacrylate

Concen: 2.881 ug/l

RT: 9.450 min Scan# 11

Delta R.T. 0.000 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

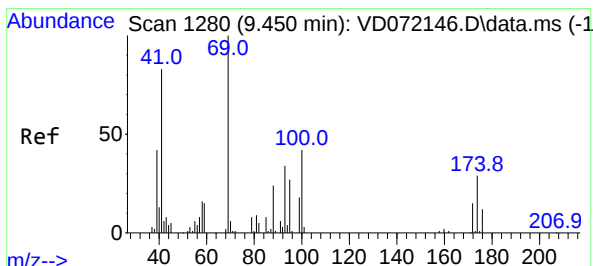
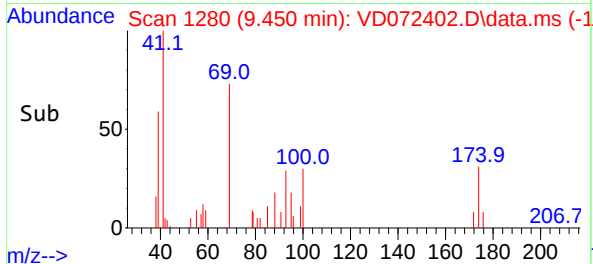
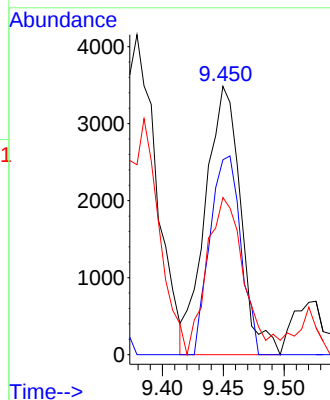
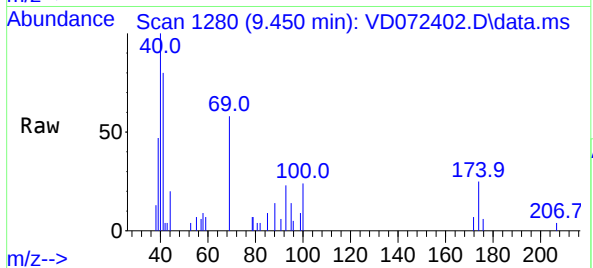
Tgt Ion: 41 Resp: 7037

Ion Ratio Lower Upper

41 100

69 64.8 56.7 85.1

39 61.9 42.7 64.1



#49

1,4-Dioxane

Concen: 47.782 ug/l

RT: 9.455 min Scan# 1281

Delta R.T. 0.006 min

Lab File: VD072402.D

Acq: 24 Mar 2022 12:36

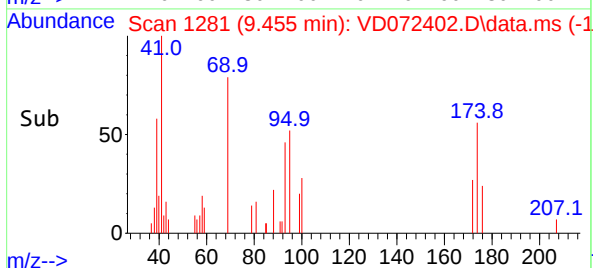
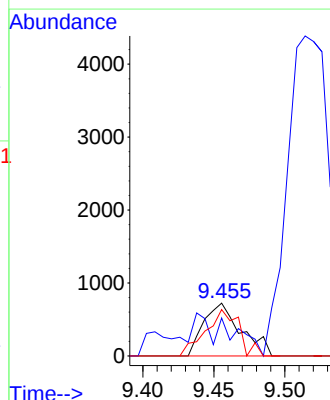
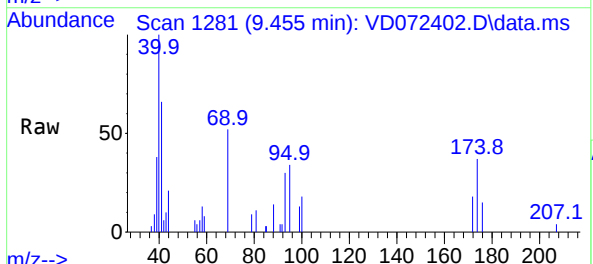
Tgt Ion: 88 Resp: 1327

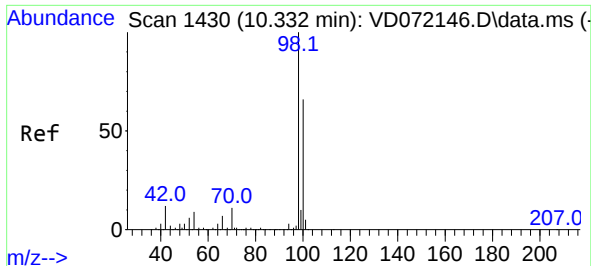
Ion Ratio Lower Upper

88 100

43 26.4 31.0 46.4#

58 78.5 58.1 87.1

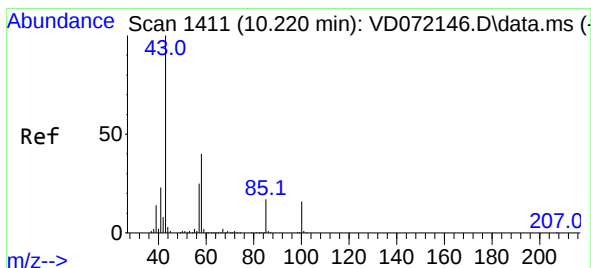
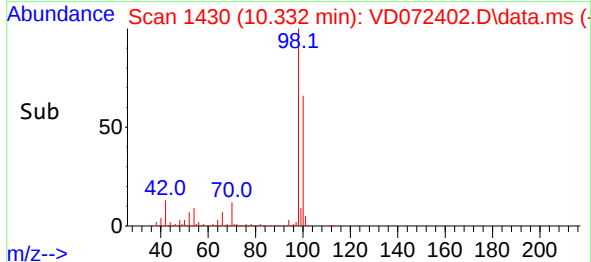
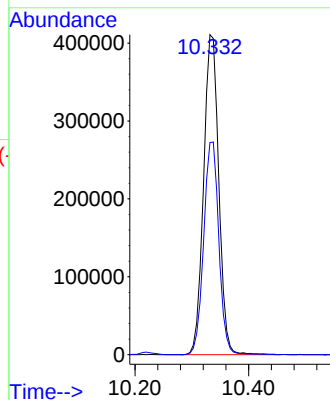
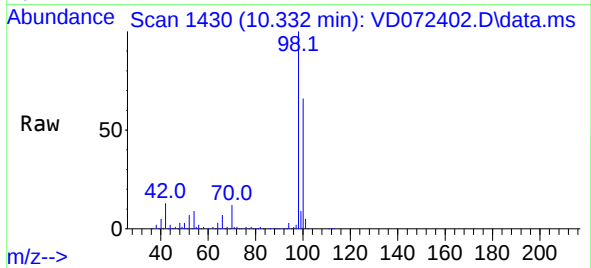




#50
Toluene-d8
Concen: 48.518 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

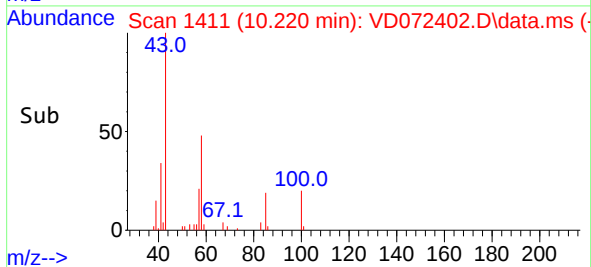
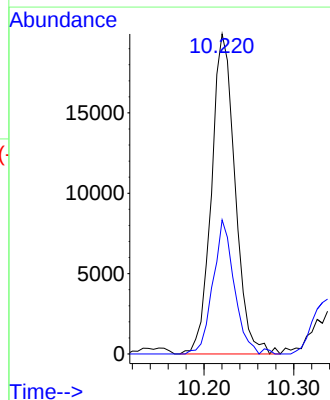
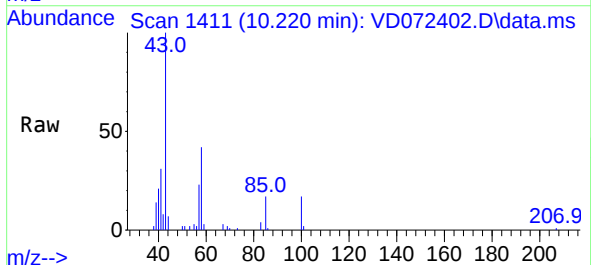
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

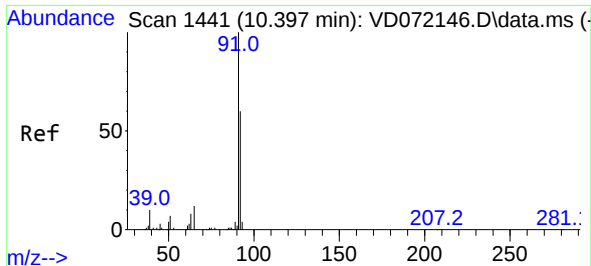
Tgt Ion: 98 Resp: 760970
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 13.535 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 43 Resp: 36371
Ion Ratio Lower Upper
43 100
58 37.6 28.6 43.0

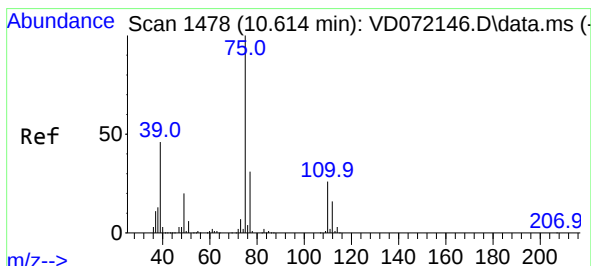
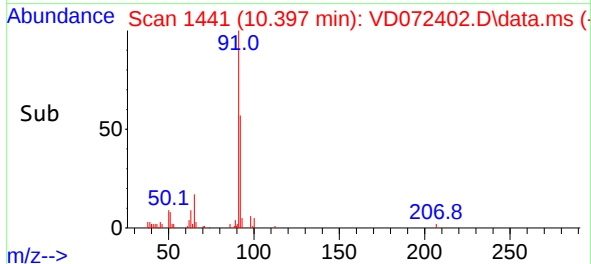
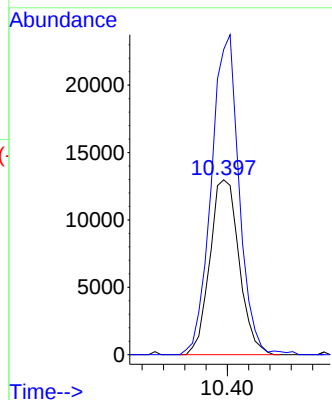
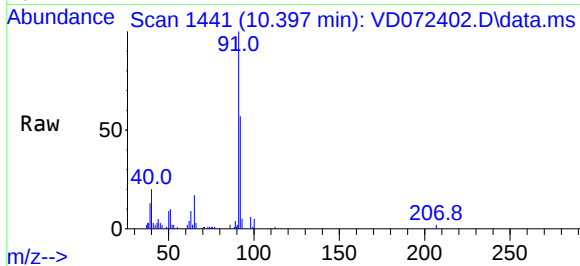




#52
Toluene
Concen: 2.186 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

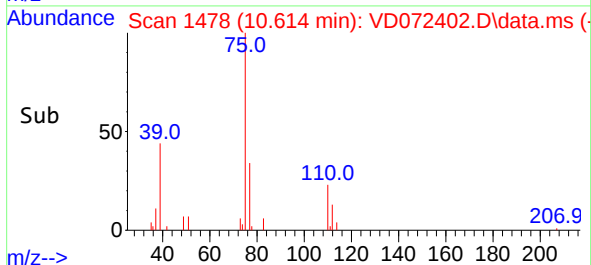
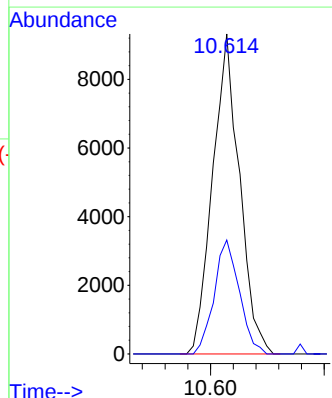
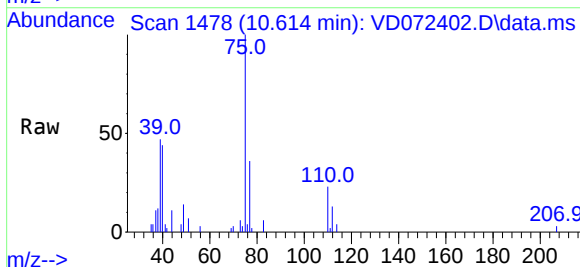
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

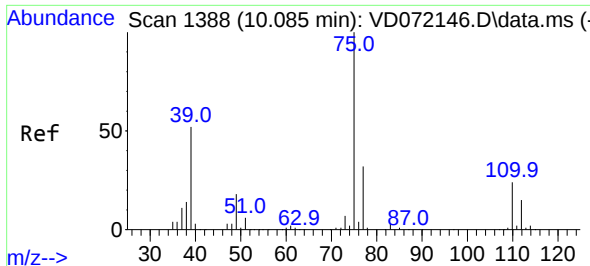
Tgt Ion: 92 Resp: 24690
Ion Ratio Lower Upper
92 100
91 174.5 139.6 209.4



#53
t-1,3-Dichloropropene
Concen: 2.482 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 75 Resp: 15311
Ion Ratio Lower Upper
75 100
77 35.6 24.5 36.7

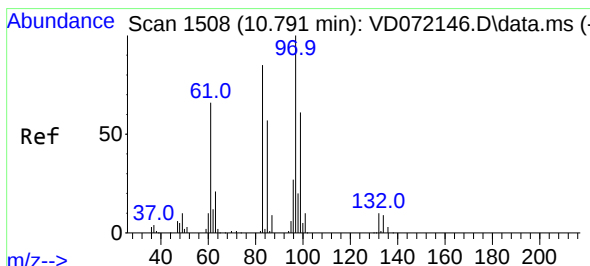
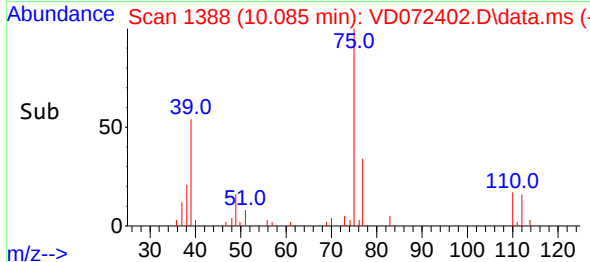
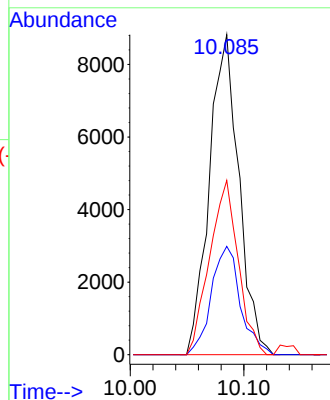
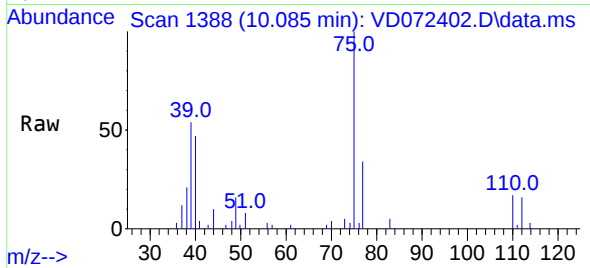




#54
cis-1,3-Dichloropropene
Concen: 2.232 ug/l
RT: 10.085 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

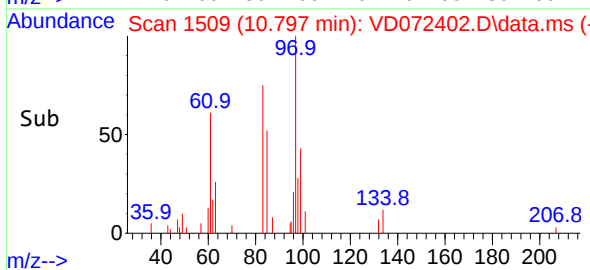
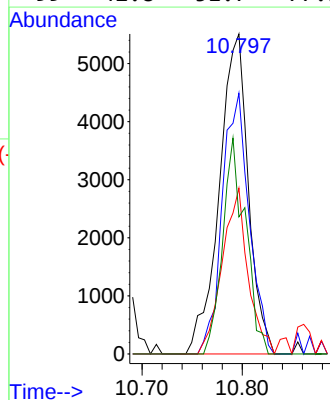
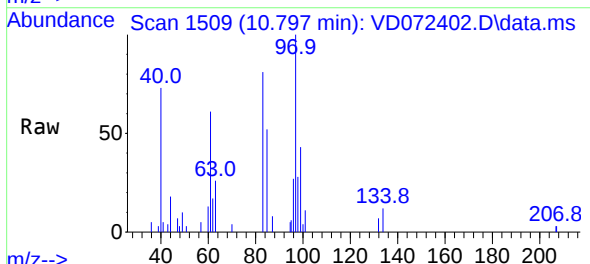
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

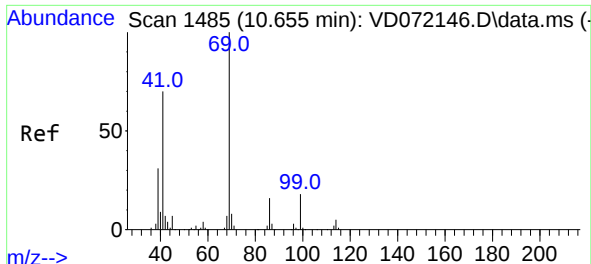
Tgt Ion:	75	Resp:	15914
Ion	Ratio	Lower	Upper
75	100		
77	33.8	24.8	37.2
39	54.4	46.8	70.2



#55
1,1,2-Trichloroethane
Concen: 3.152 ug/l
RT: 10.797 min Scan# 1509
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	97	Resp:	11120
Ion	Ratio	Lower	Upper
97	100		
83	81.4	69.0	103.4
85	51.8	42.6	63.8
99	42.8	51.7	77.5

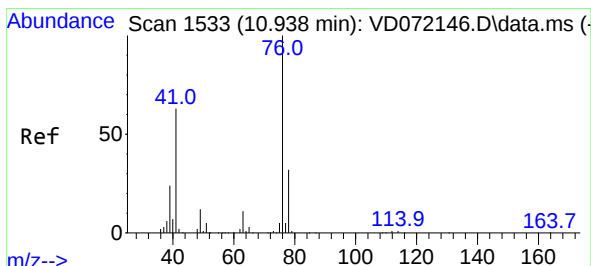
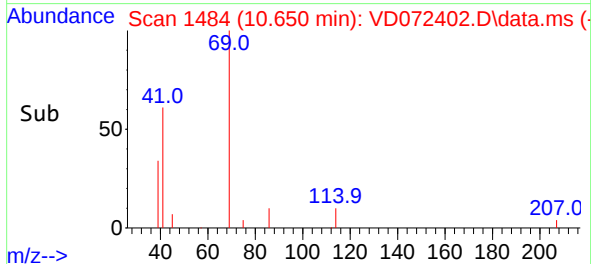
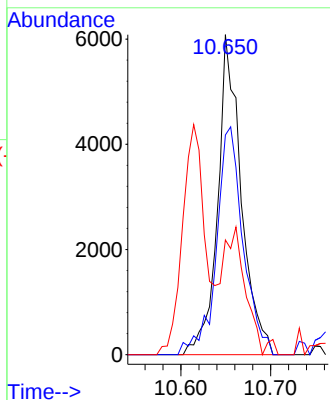
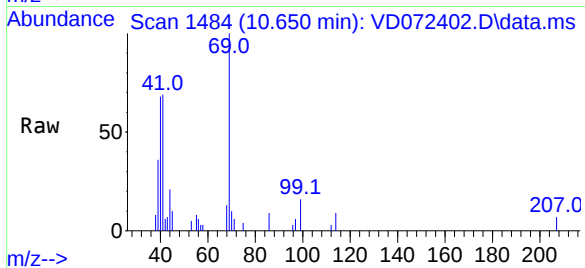




#56
Ethyl methacrylate
Concen: 2.684 ug/l
RT: 10.650 min Scan# 1485
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

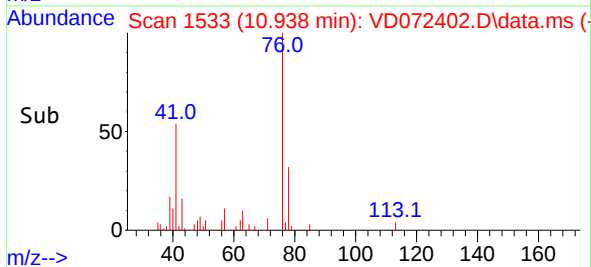
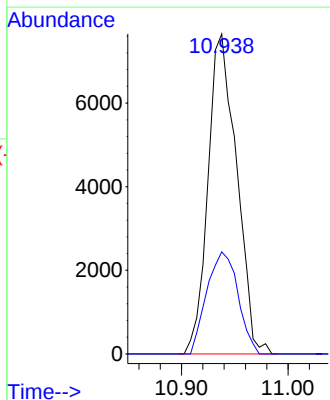
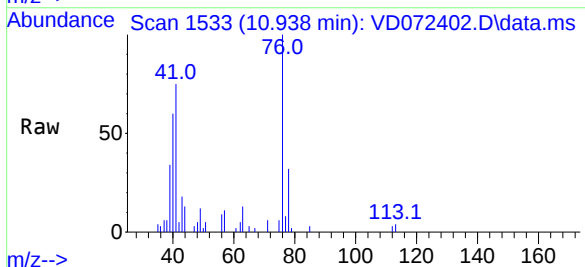
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

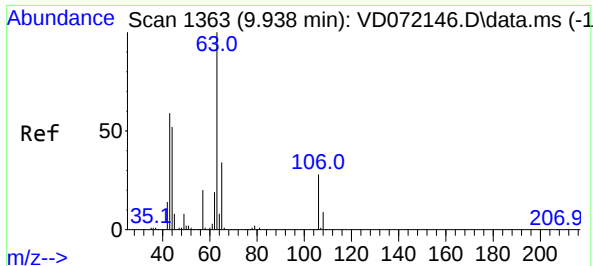
Tgt Ion: 69 Resp: 11093
Ion Ratio Lower Upper
69 100
41 80.8 63.0 94.6
39 40.0 33.8 50.8



#57
1,3-Dichloropropane
Concen: 2.411 ug/l
RT: 10.938 min Scan# 1533
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 76 Resp: 14277
Ion Ratio Lower Upper
76 100
78 34.7 26.0 39.0

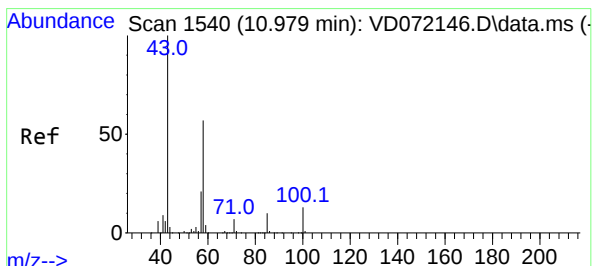
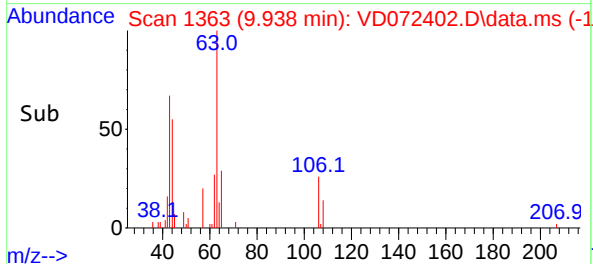
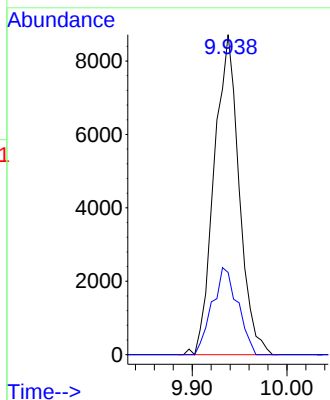
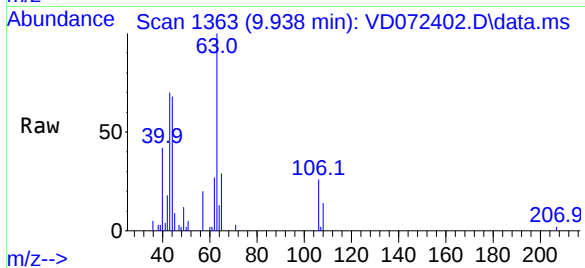




#58
2-Chloroethyl Vinyl ether
Concen: 8.595 ug/l
RT: 9.938 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

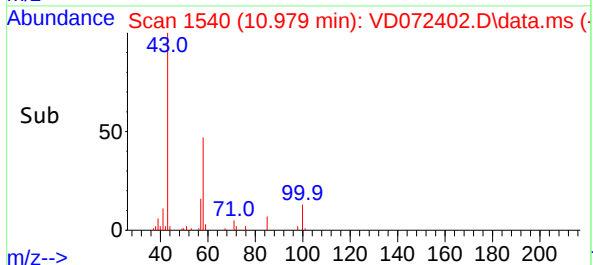
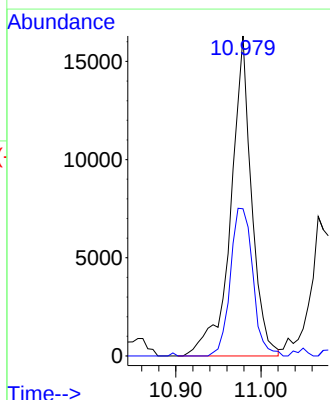
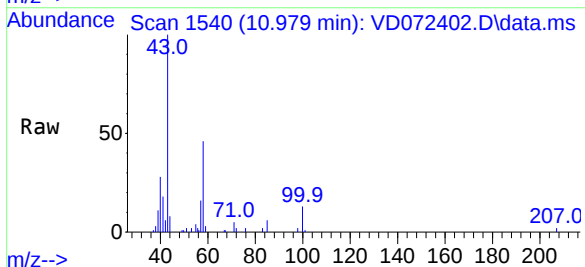
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

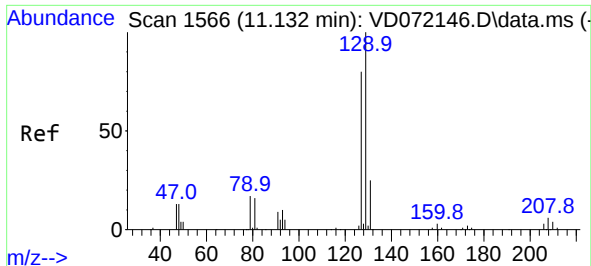
Tgt Ion: 63 Resp: 15970
Ion Ratio Lower Upper
63 100
106 27.8 21.4 32.0



#59
2-Hexanone
Concen: 14.929 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 43 Resp: 27707
Ion Ratio Lower Upper
43 100
58 49.8 25.3 75.9

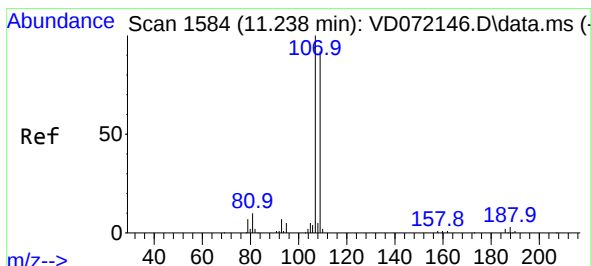
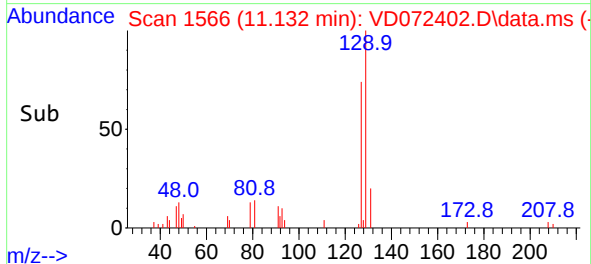
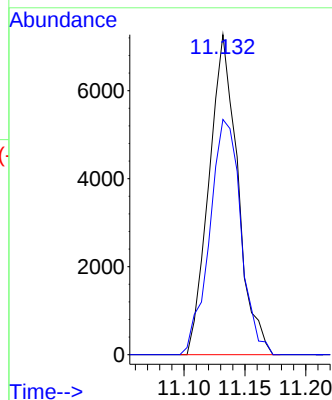
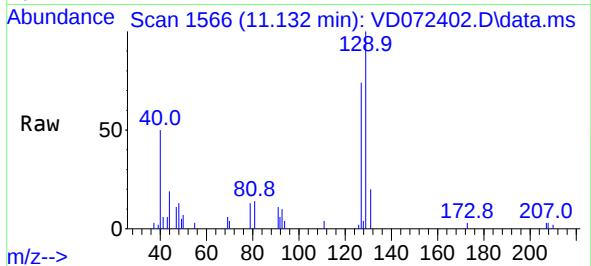




#60
Dibromochloromethane
Concen: 2.611 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

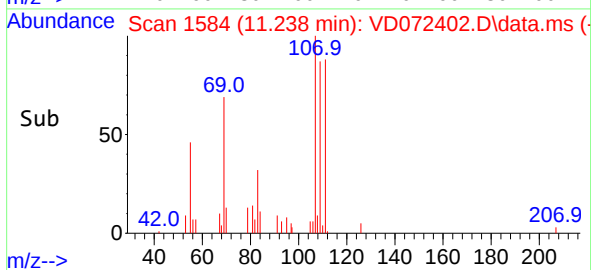
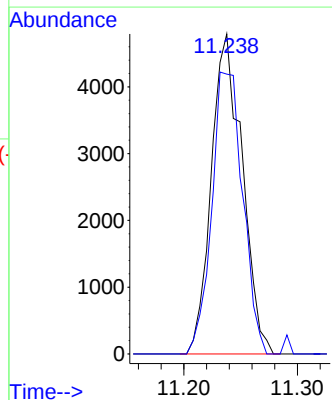
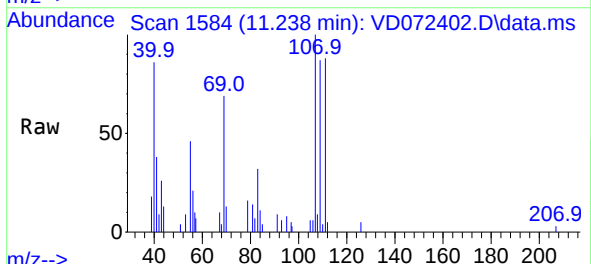
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

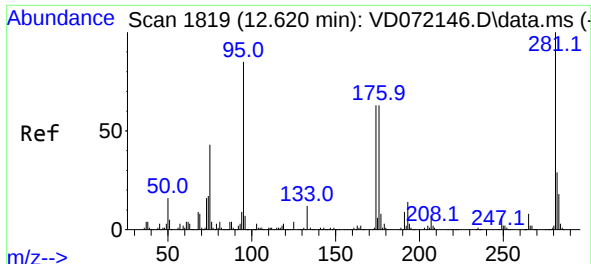
Tgt Ion:129 Resp: 11953
Ion Ratio Lower Upper
129 100
127 80.0 39.2 117.6



#61
1,2-Dibromoethane
Concen: 2.831 ug/l
RT: 11.238 min Scan# 1584
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:107 Resp: 9026
Ion Ratio Lower Upper
107 100
109 88.5 74.2 111.4

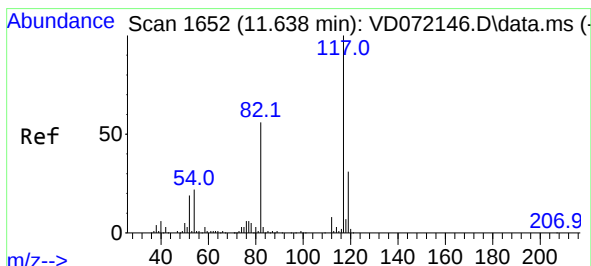
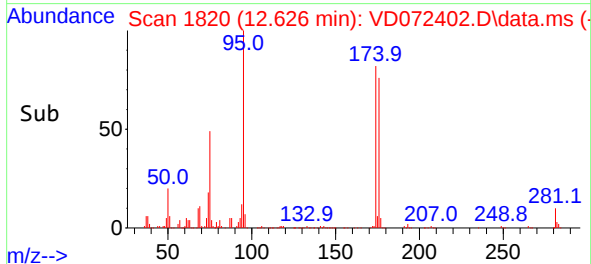
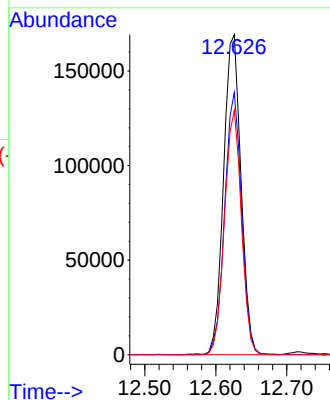
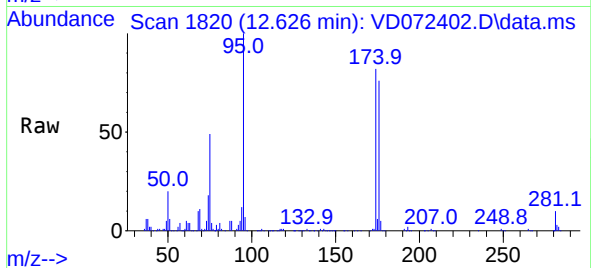




#62
4-Bromofluorobenzene
Concen: 47.125 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

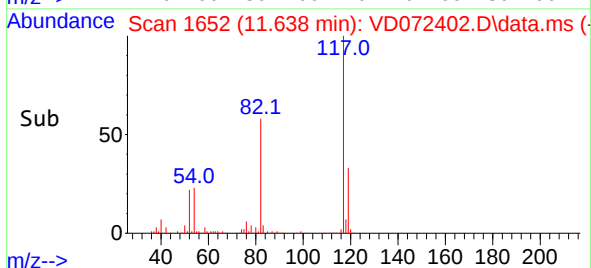
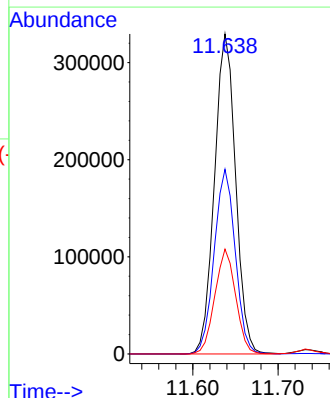
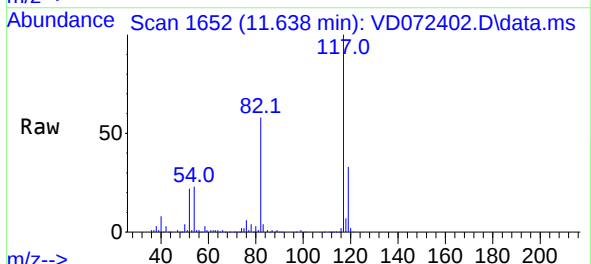
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

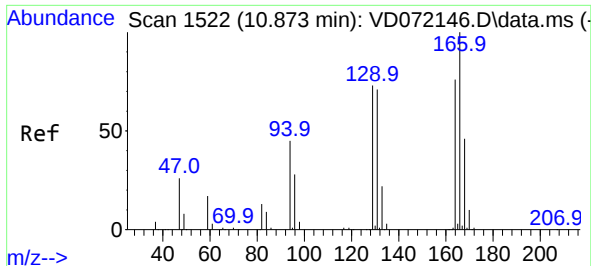
Tgt Ion: 95 Resp: 287189
Ion Ratio Lower Upper
95 100
174 79.6 0.0 152.8
176 74.0 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 117 Resp: 568823
Ion Ratio Lower Upper
117 100
82 57.7 45.3 67.9
119 32.8 26.6 40.0



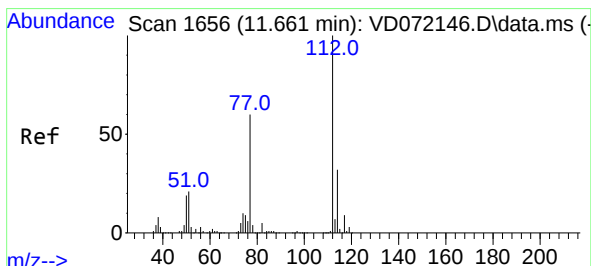
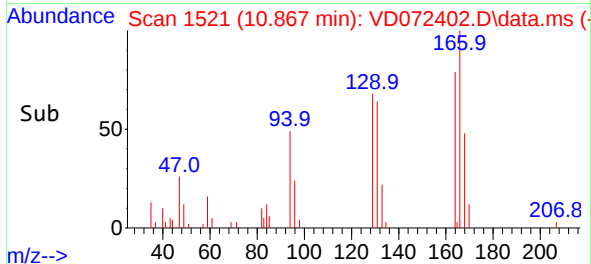
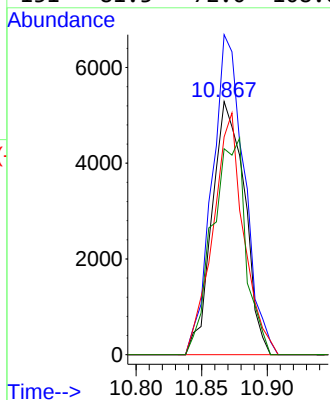
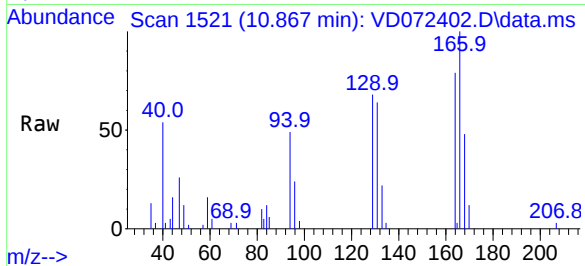


#64
Tetrachloroethene
Concen: 2.271 ug/l
RT: 10.867 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

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

Tgt Ion:164 Resp: 9103

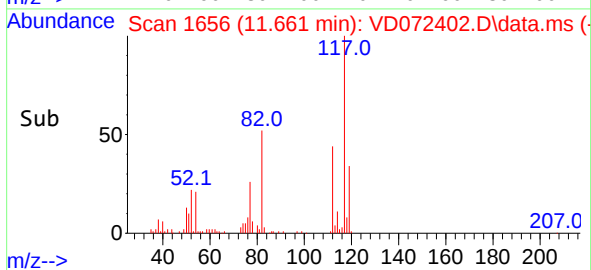
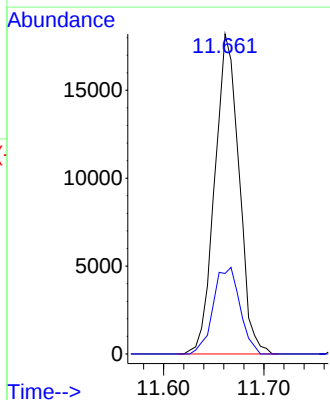
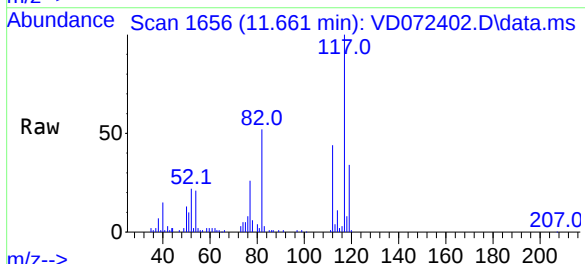
Ion	Ratio	Lower	Upper
164	100		
166	126.4	98.5	147.7
129	86.0	74.6	111.8
131	81.3	72.0	108.0

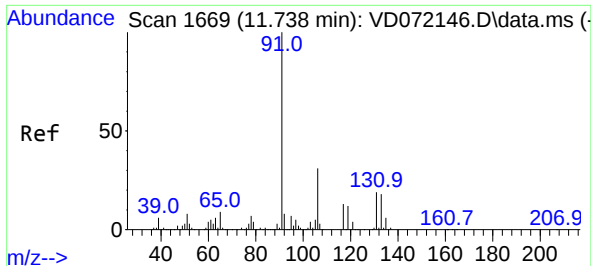


#65
Chlorobenzene
Concen: 2.426 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:112 Resp: 30589

Ion	Ratio	Lower	Upper
112	100		
114	25.2	25.8	38.6#

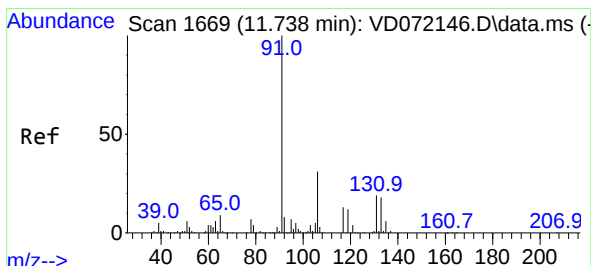
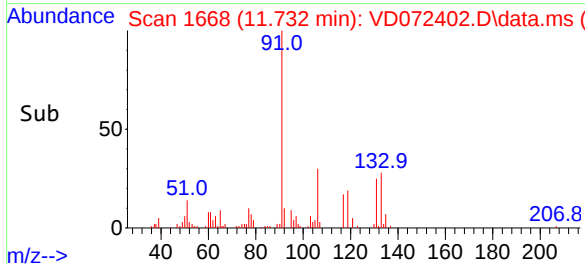
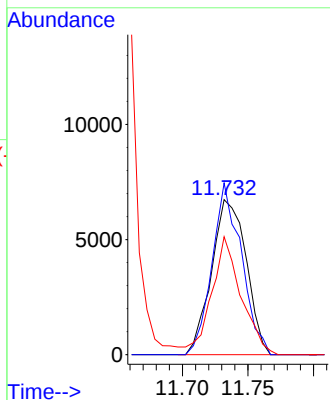
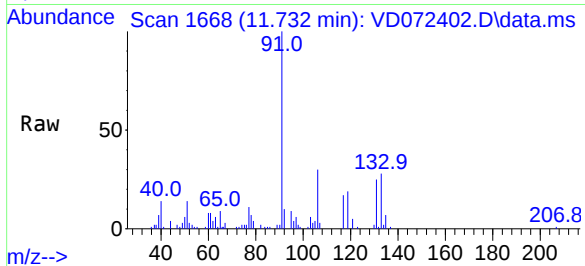




#66
1,1,1,2-Tetrachloroethane
Concen: 2.482 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

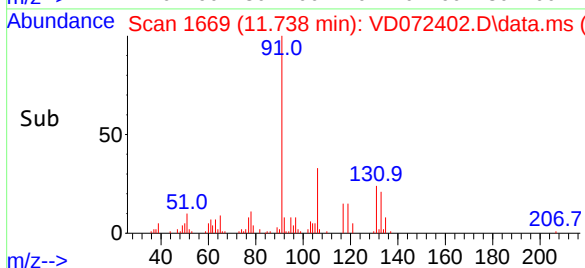
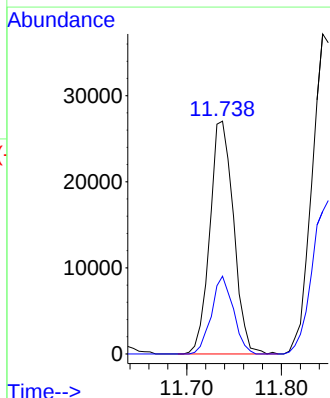
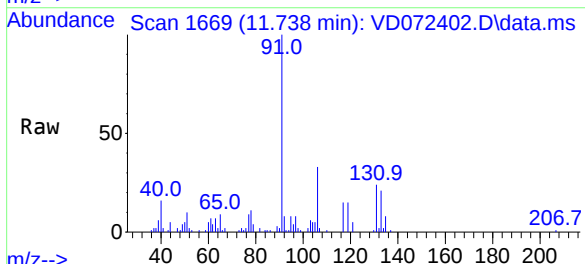
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

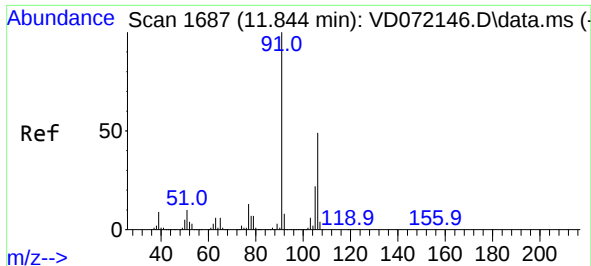
Tgt Ion:131 Resp: 12376
Ion Ratio Lower Upper
131 100
133 93.8 48.1 144.3
119 64.4 31.9 95.9



#67
Ethyl Benzene
Concen: 2.093 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 91 Resp: 47144
Ion Ratio Lower Upper
91 100
106 33.4 24.2 36.4

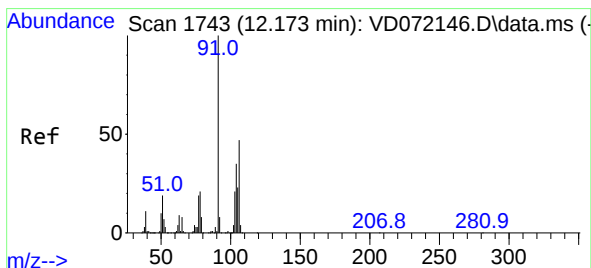
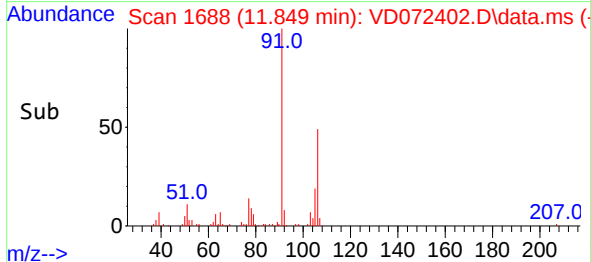
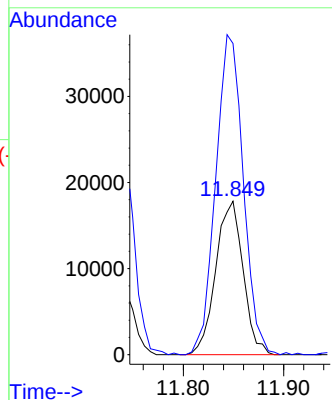
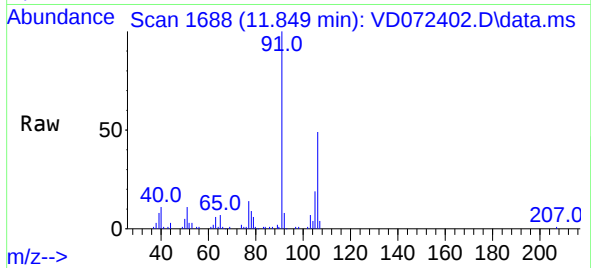




#68
m/p-Xylenes
Concen: 3.946 ug/l
RT: 11.849 min Scan# 1184
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

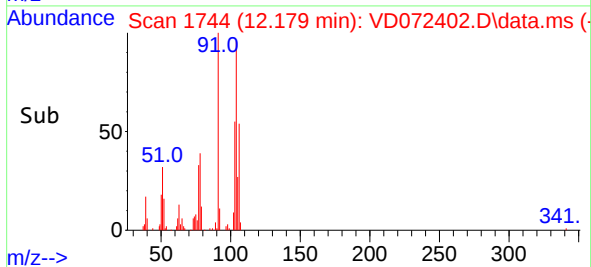
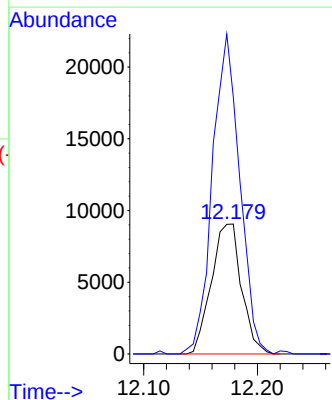
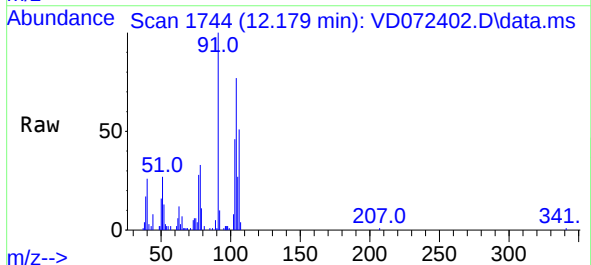
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

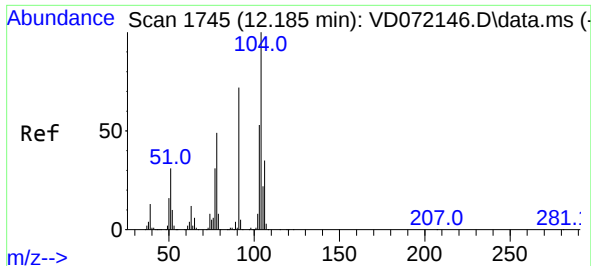
Tgt Ion:106 Resp: 33745
Ion Ratio Lower Upper
106 100
91 210.5 163.7 245.5



#69
o-Xylene
Concen: 2.043 ug/l
RT: 12.179 min Scan# 1744
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:106 Resp: 16711
Ion Ratio Lower Upper
106 100
91 222.5 110.4 331.2

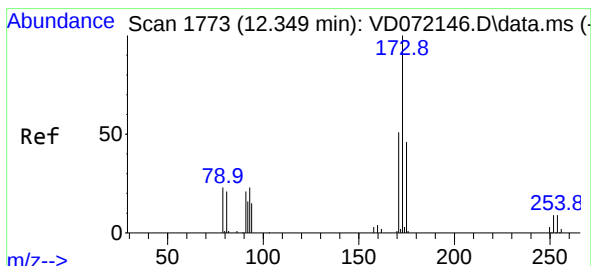
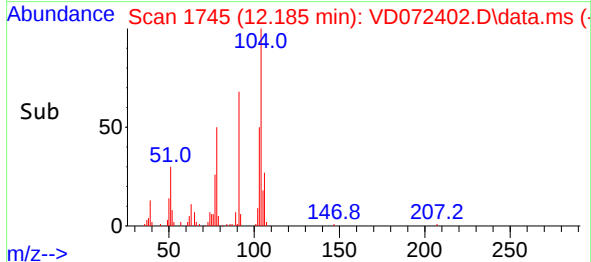
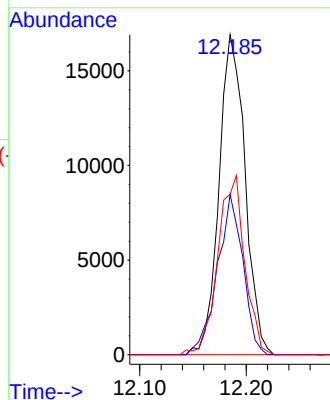
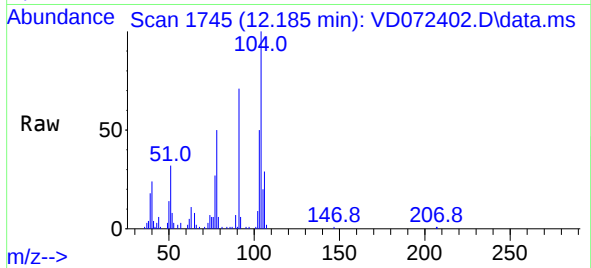




#70
Styrene
Concen: 2.008 ug/l
RT: 12.185 min Scan# 1745
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

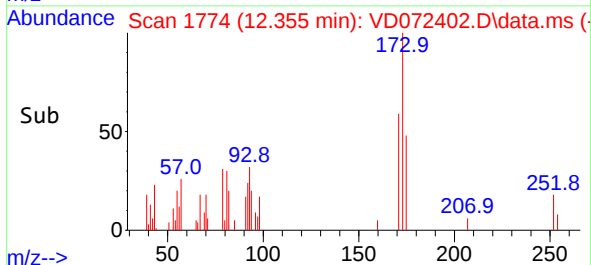
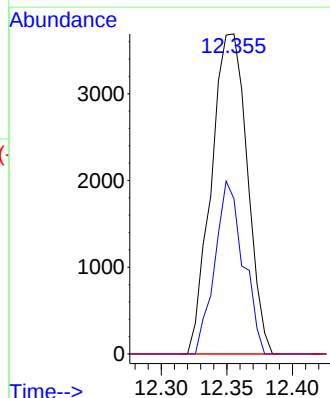
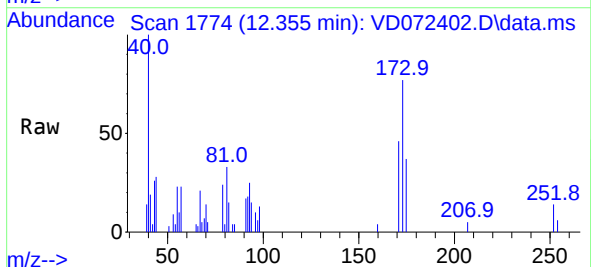
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

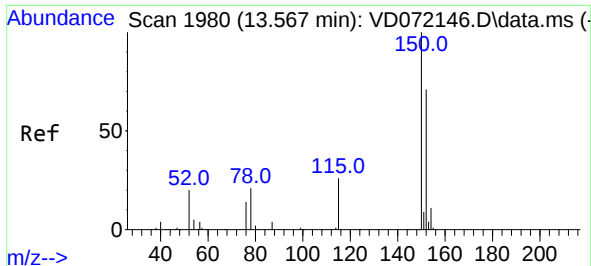
Tgt Ion:104 Resp: 28690
Ion Ratio Lower Upper
104 100
78 49.1 41.8 62.8
103 57.9 44.2 66.4



#71
Bromoform
Concen: 2.636 ug/l
RT: 12.355 min Scan# 1774
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:173 Resp: 7023
Ion Ratio Lower Upper
173 100
175 42.8 23.9 71.8
254 0.0 0.0 0.0

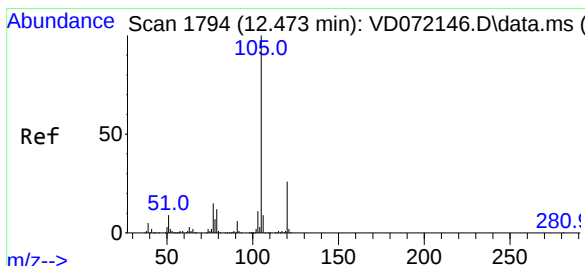
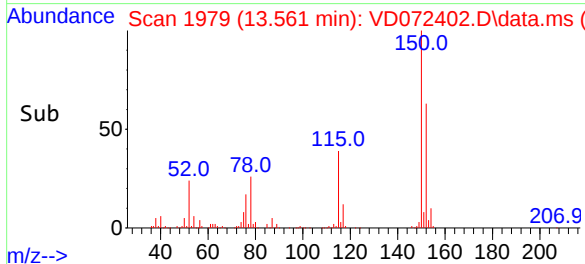
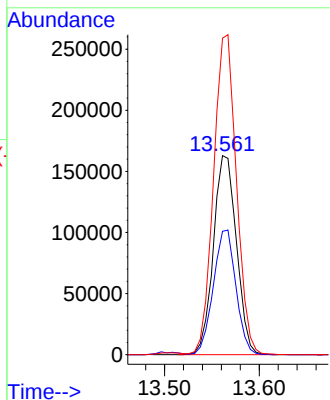
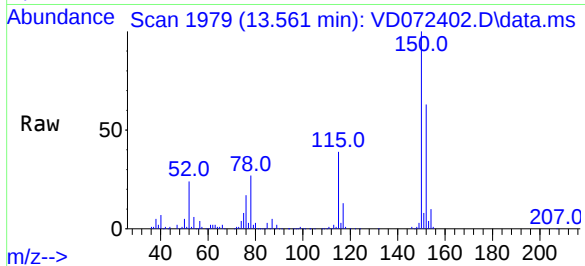




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1980
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

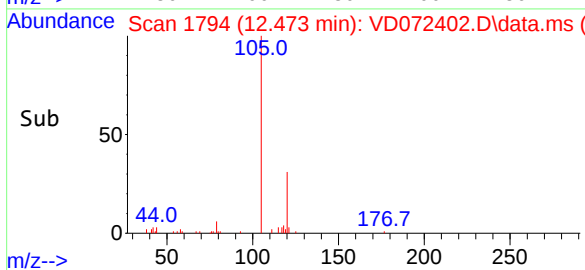
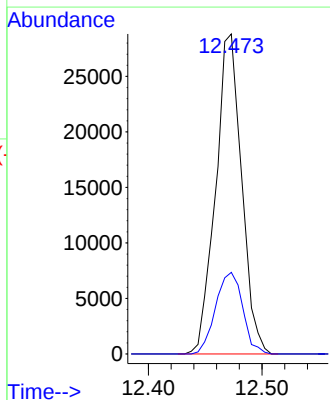
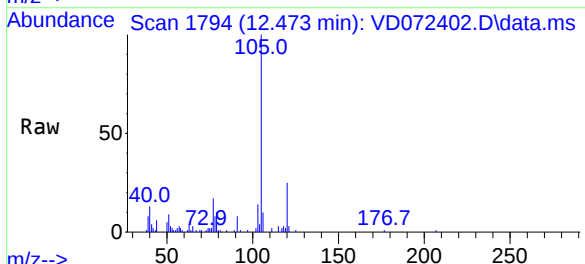
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

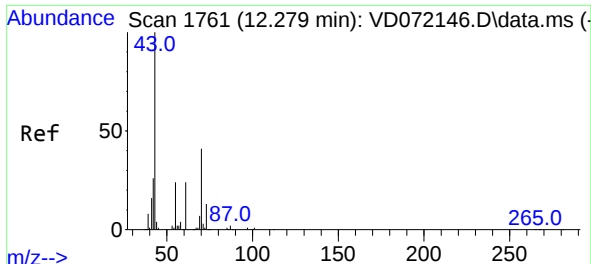
Tgt Ion:152 Resp: 276204
Ion Ratio Lower Upper
152 100
115 61.4 31.3 93.8
150 159.4 0.0 348.6



#73
Isopropylbenzene
Concen: 2.097 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:105 Resp: 45890
Ion Ratio Lower Upper
105 100
120 26.5 13.0 38.9

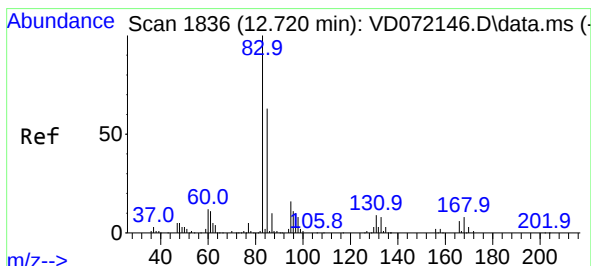
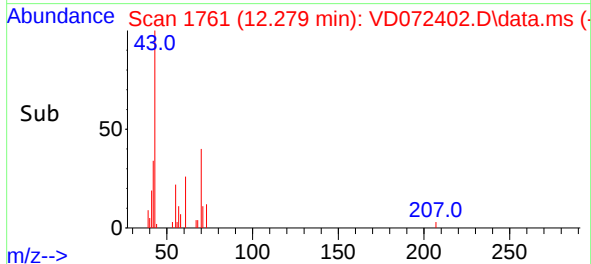
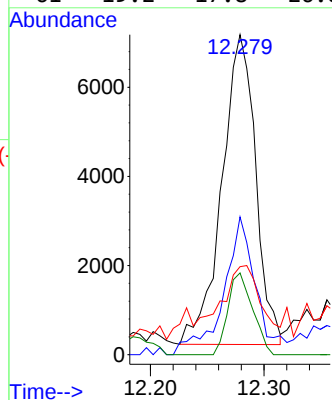
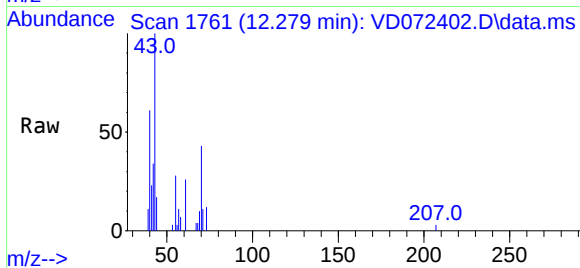




#74
N-amy1 acetate
Concen: 3.055 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

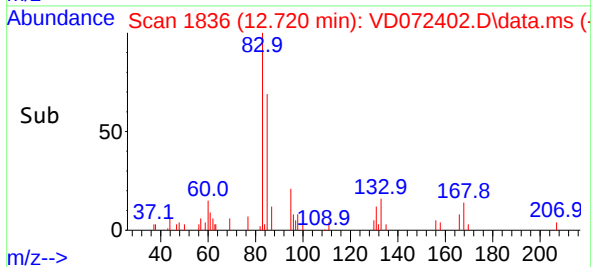
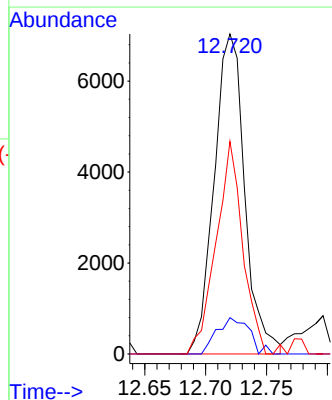
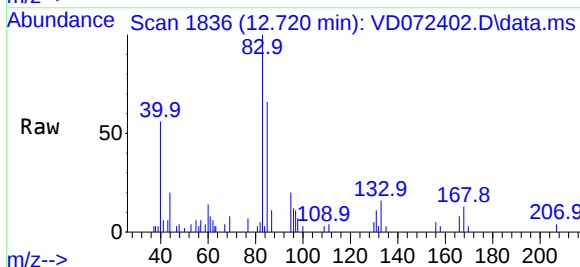
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

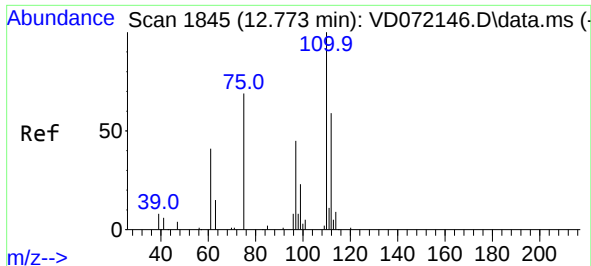
Tgt Ion:	43	Resp:	14368
Ion	Ratio	Lower	Upper
43	100		
70	42.6	31.3	46.9
55	27.5	20.0	30.0
61	19.2	17.8	26.8



#75
1,1,2,2-Tetrachloroethane
Concen: 3.139 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	83	Resp:	12286
Ion	Ratio	Lower	Upper
83	100		
131	12.0	5.0	14.9
85	57.8	32.6	98.0

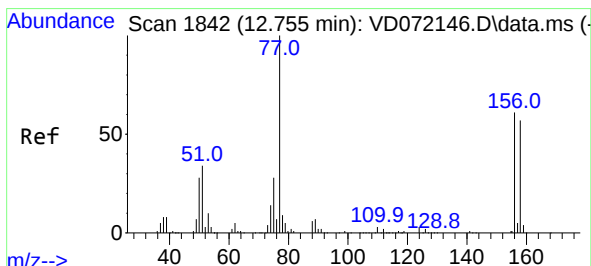
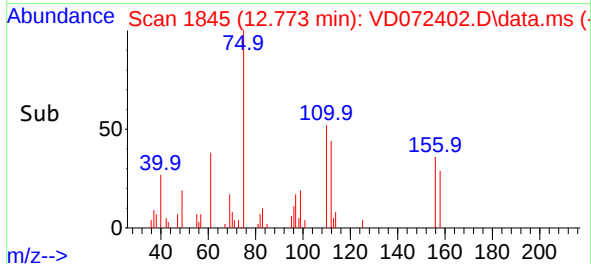
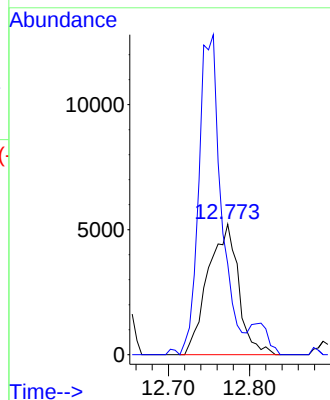
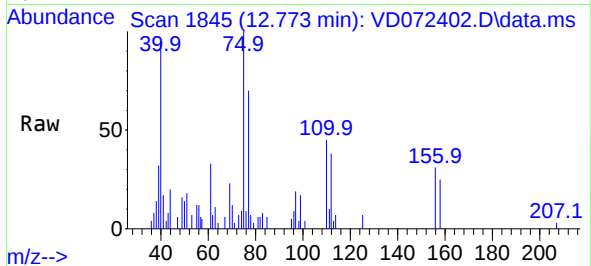




#76
1,2,3-Trichloropropane
Concen: 4.481 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

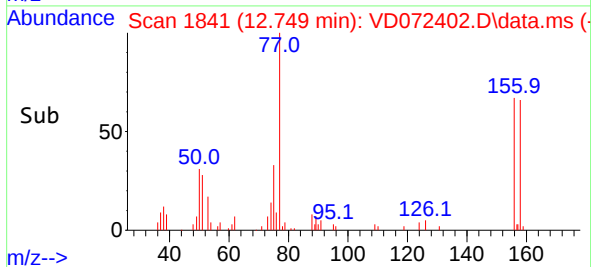
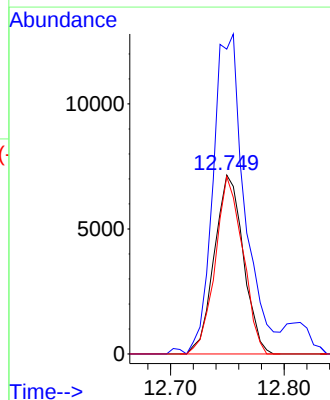
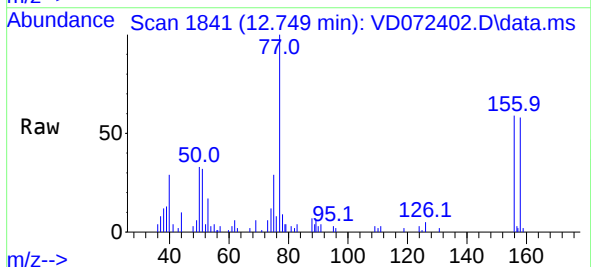
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

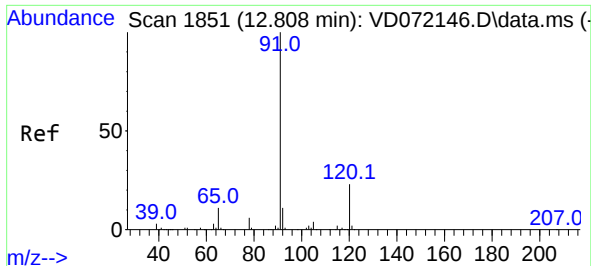
Tgt Ion: 75 Resp: 13652
Ion Ratio Lower Upper
75 100
77 182.8 0.0 0.0#



#77
Bromobenzene
Concen: 2.582 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 156 Resp: 12722
Ion Ratio Lower Upper
156 100
77 196.1 102.8 308.3
158 94.3 48.7 146.1

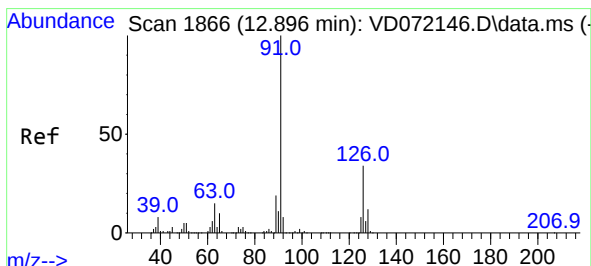
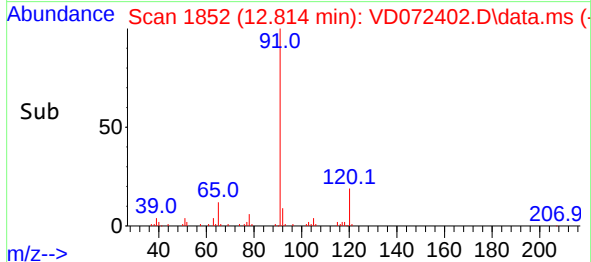
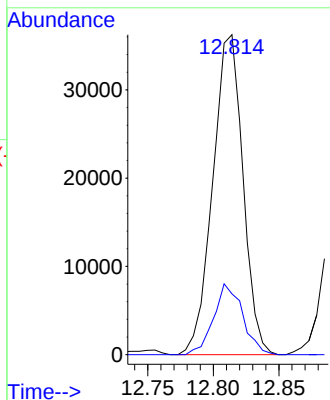
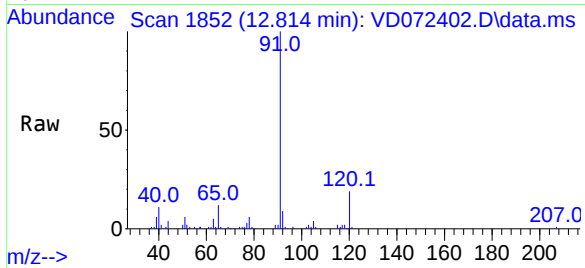




#78
n-propylbenzene
Concen: 2.184 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

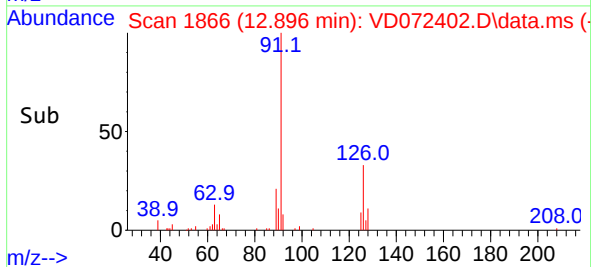
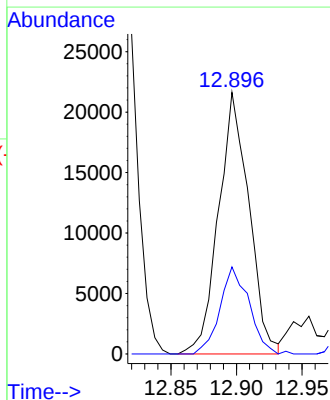
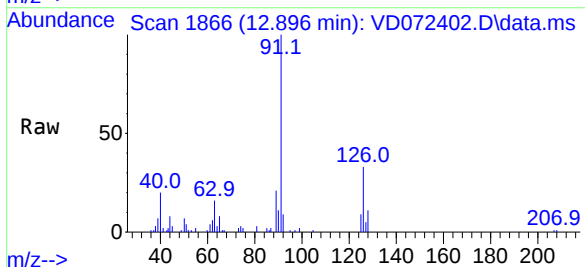
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

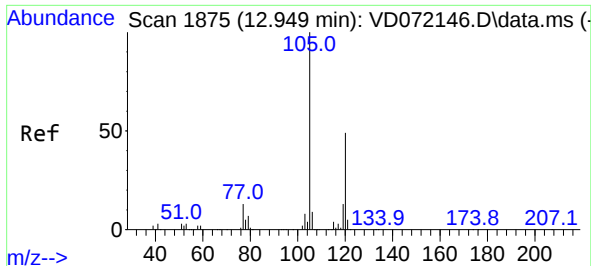
Tgt Ion: 91 Resp: 58055
Ion Ratio Lower Upper
91 100
120 21.3 10.9 32.9



#79
2-Chlorotoluene
Concen: 2.272 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 91 Resp: 34931
Ion Ratio Lower Upper
91 100
126 31.9 16.2 48.6

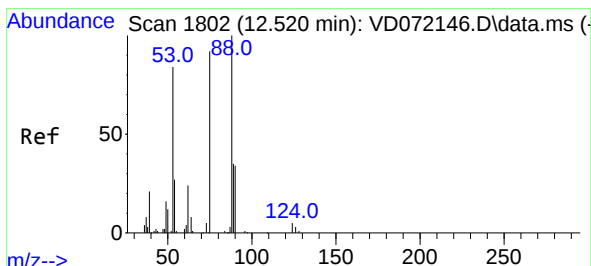
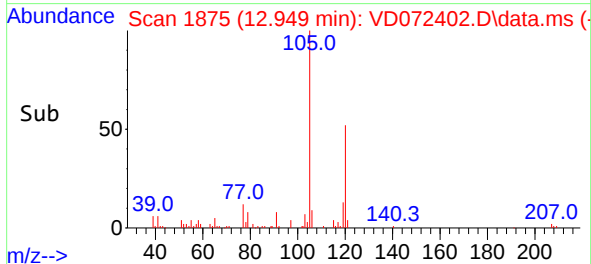
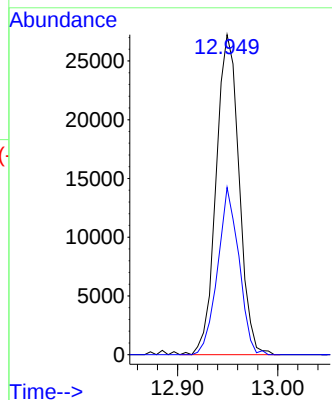
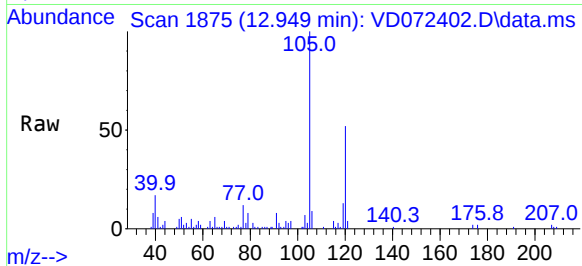




#80
1,3,5-Trimethylbenzene
Concen: 2.303 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

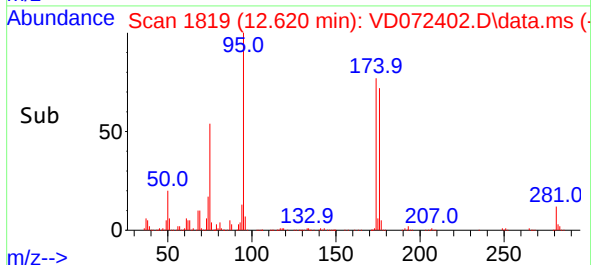
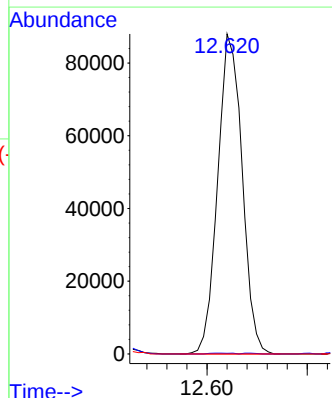
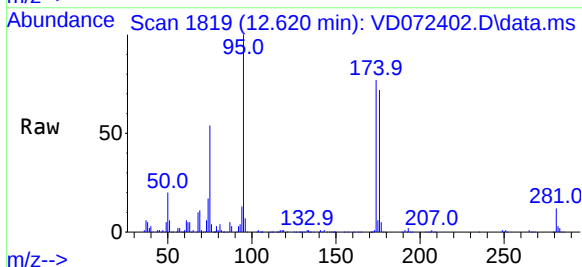
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

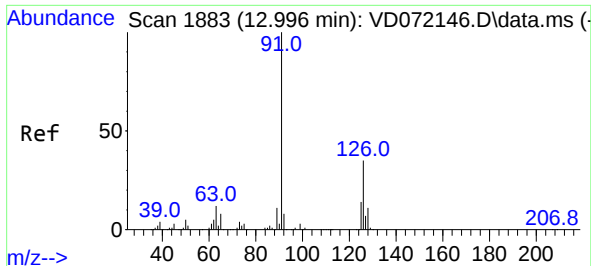
Tgt Ion:105 Resp: 43307
Ion Ratio Lower Upper
105 100
120 48.4 24.3 72.8



#81
trans-1,4-Dichloro-2-butene
Concen: 120.924 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.100 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 75 Resp: 148494
Ion Ratio Lower Upper
75 100
53 0.2 86.5 129.7#
89 0.0 33.9 50.9#

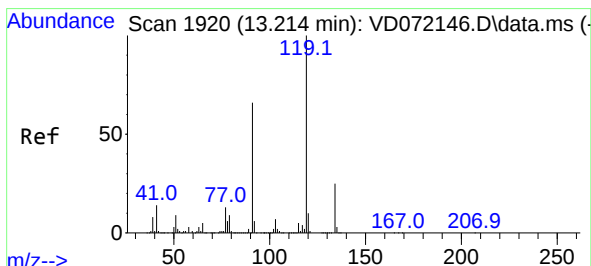
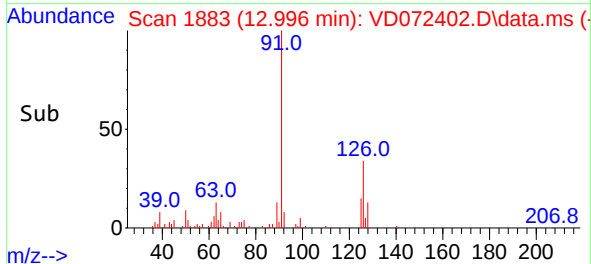
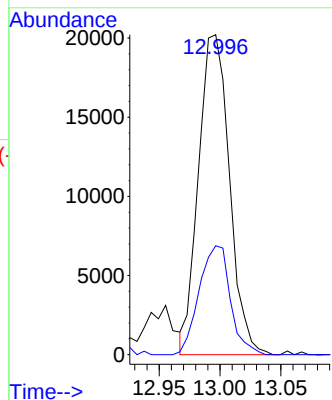
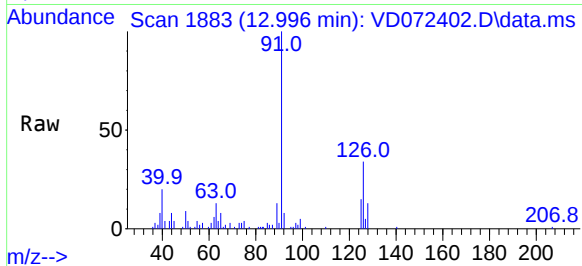




#82
4-Chlorotoluene
Concen: 2.246 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

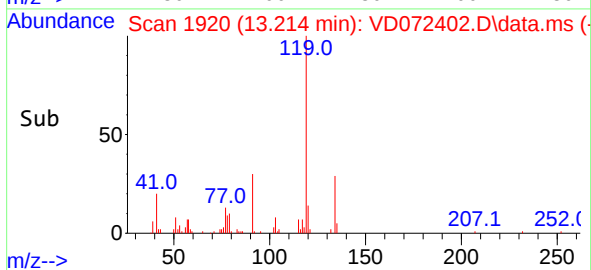
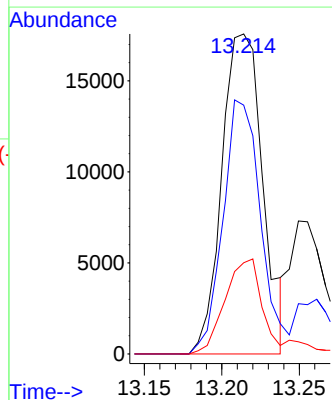
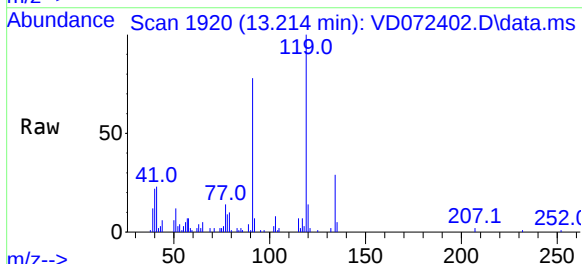
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

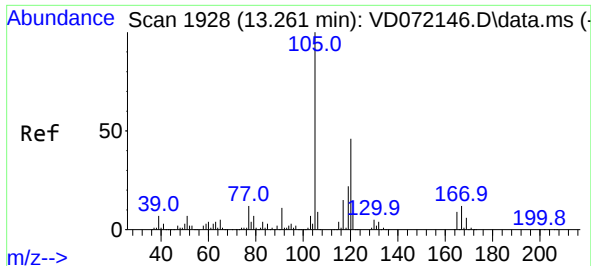
Tgt Ion: 91 Resp: 35753
Ion Ratio Lower Upper
91 100
126 34.3 16.5 49.5



#83
tert-Butylbenzene
Concen: 1.961 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 119 Resp: 32320
Ion Ratio Lower Upper
119 100
91 72.9 34.8 104.5
134 29.4 13.3 39.9

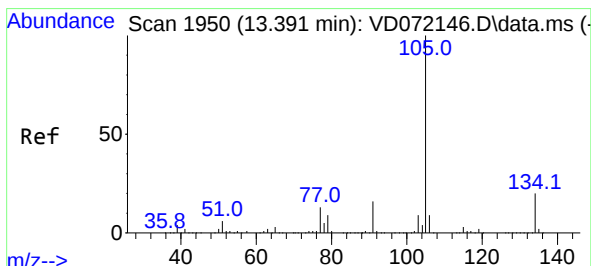
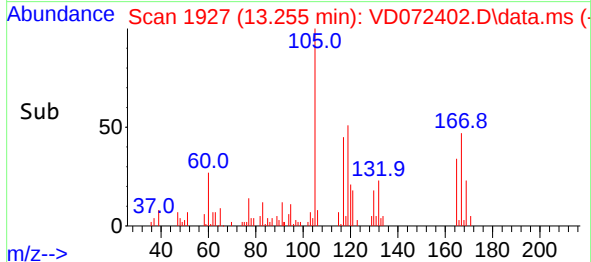
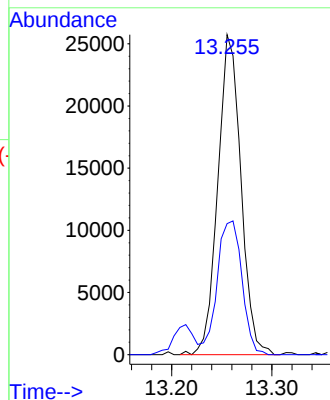
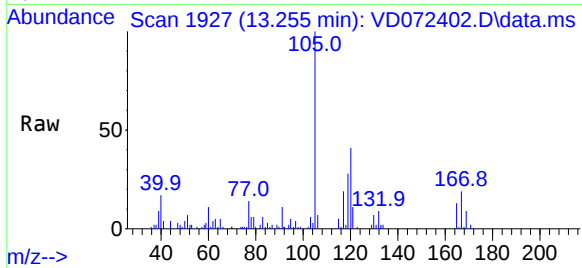




#84
1,2,4-Trimethylbenzene
Concen: 2.222 ug/l
RT: 13.255 min Scan# 1927
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

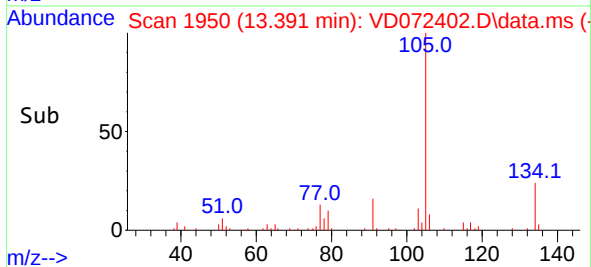
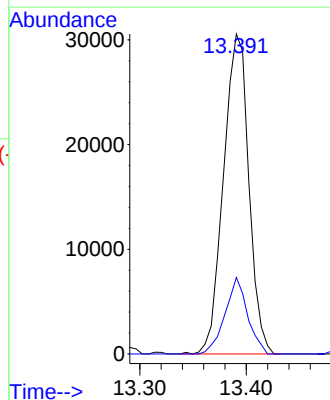
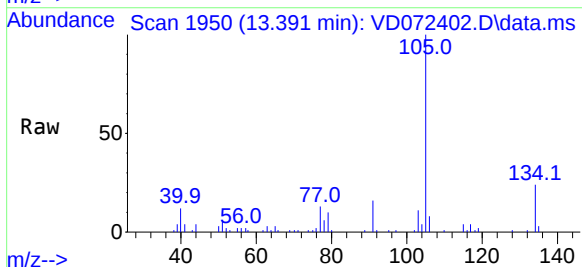
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

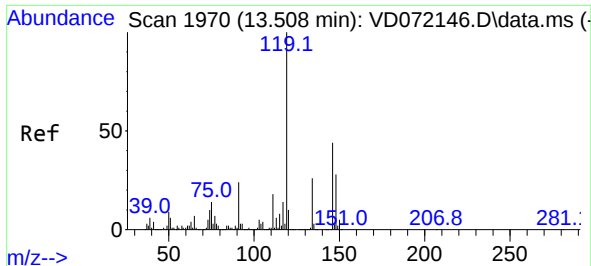
Tgt Ion:105 Resp: 41167
Ion Ratio Lower Upper
105 100
120 44.9 22.3 66.8



#85
sec-Butylbenzene
Concen: 2.036 ug/l
RT: 13.391 min Scan# 1950
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:105 Resp: 50414
Ion Ratio Lower Upper
105 100
134 21.3 9.8 29.3

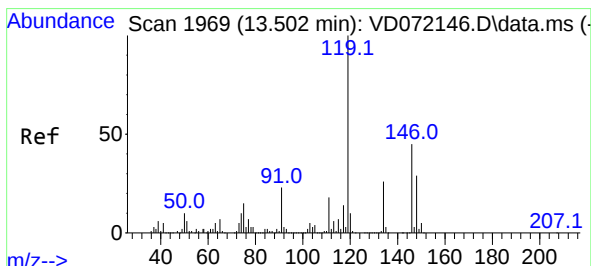
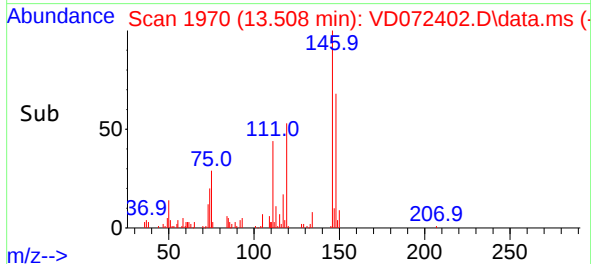
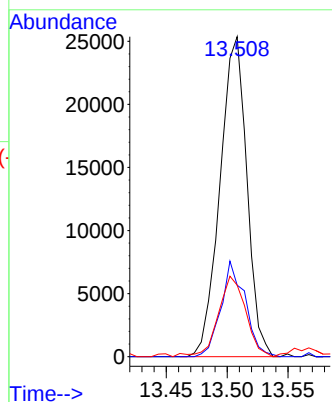
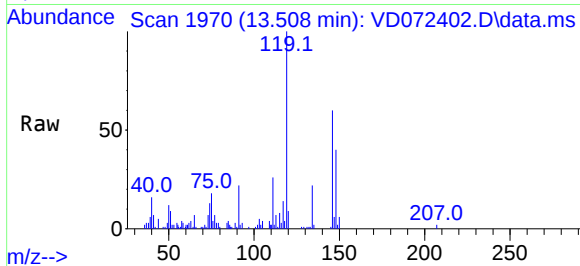




#86
p-Isopropyltoluene
Concen: 1.911 ug/l
RT: 13.508 min Scan# 1970
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

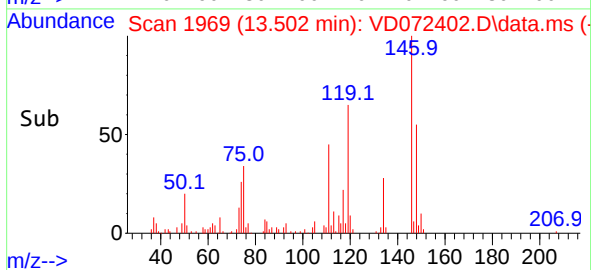
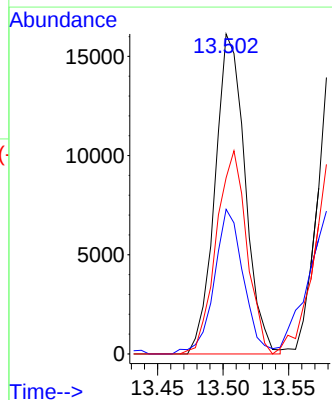
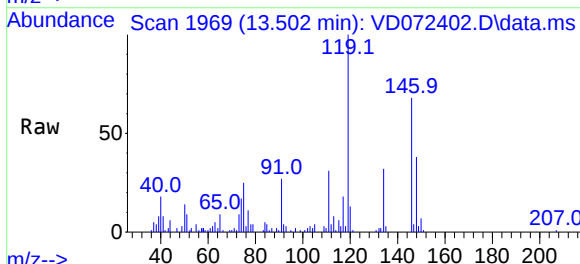
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

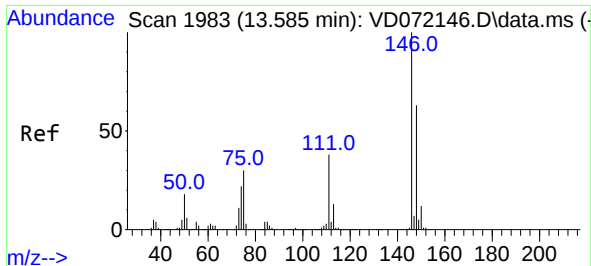
Tgt Ion:	119	Resp:	38935
Ion Ratio	Lower	Upper	
119	100		
134	26.9	12.9	38.6
91	25.6	12.1	36.3



#87
1,3-Dichlorobenzene
Concen: 2.491 ug/l
RT: 13.502 min Scan# 1969
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:	146	Resp:	25716
Ion Ratio	Lower	Upper	
146	100		
111	43.9	20.4	61.3
148	64.5	31.9	95.7

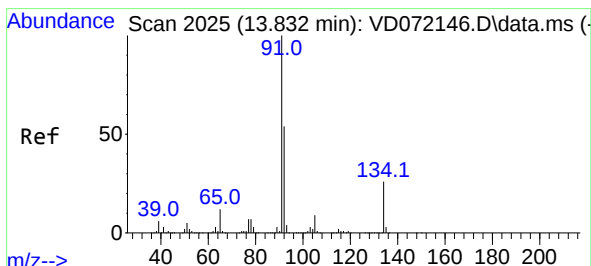
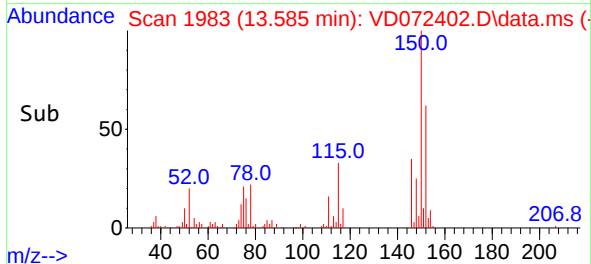
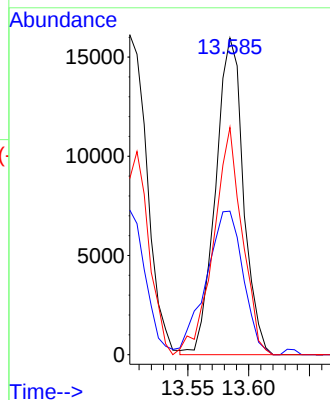
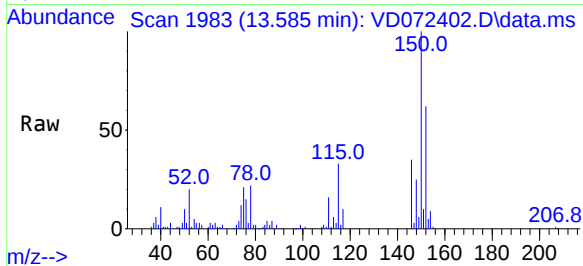




#88
1,4-Dichlorobenzene
Concen: 2.484 ug/l
RT: 13.585 min Scan# 1983
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

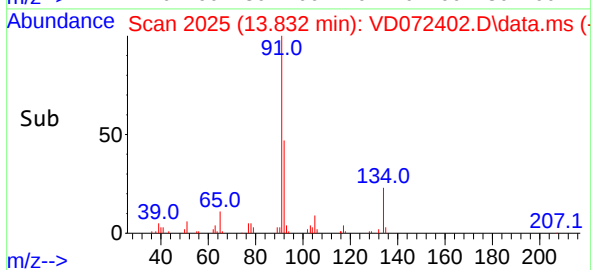
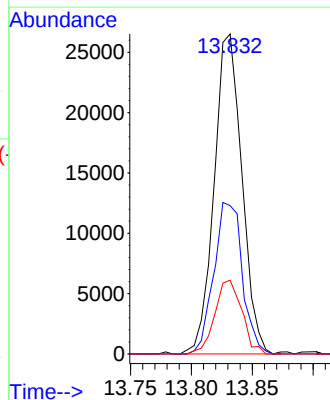
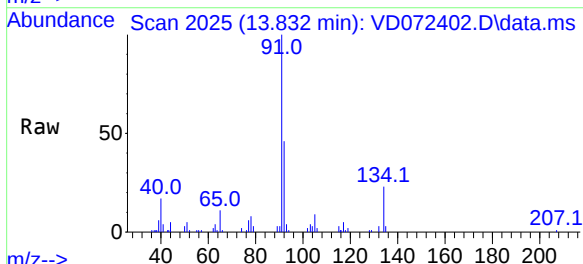
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

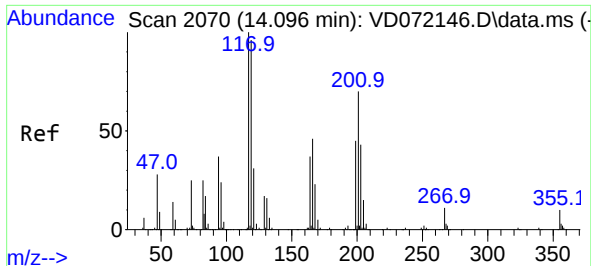
Tgt Ion:146 Resp: 25430
Ion Ratio Lower Upper
146 100
111 60.3 20.3 60.9
148 73.7 31.7 95.1



#89
n-Butylbenzene
Concen: 2.165 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion: 91 Resp: 42045
Ion Ratio Lower Upper
91 100
92 48.4 26.6 79.8
134 22.4 12.3 36.9

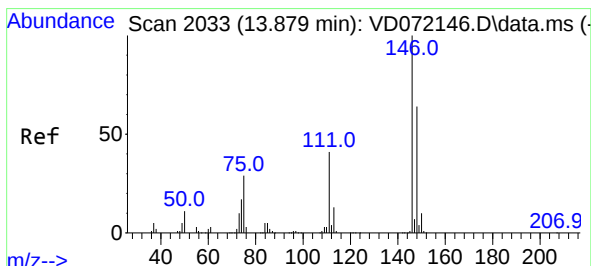
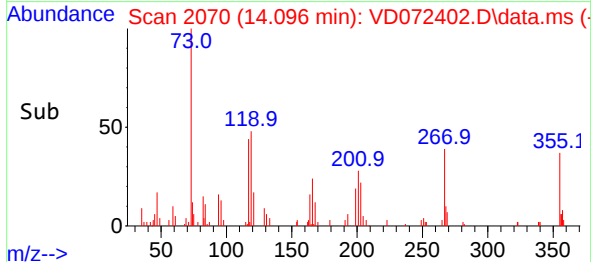
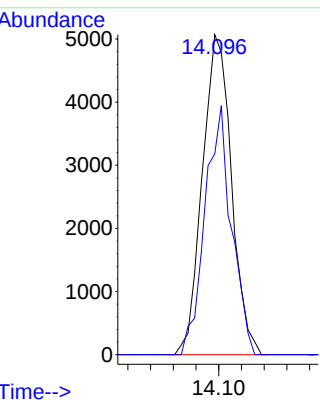
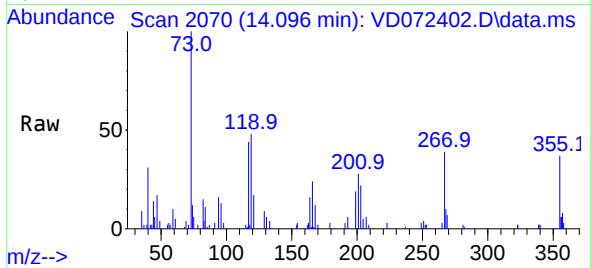




#90
Hexachloroethane
Concen: 2.258 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

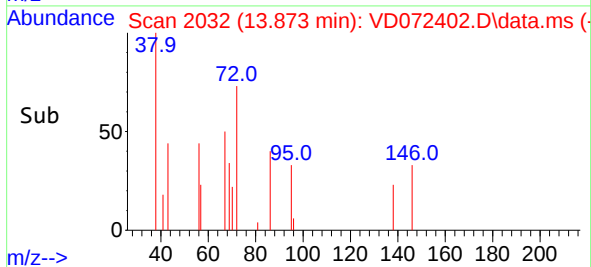
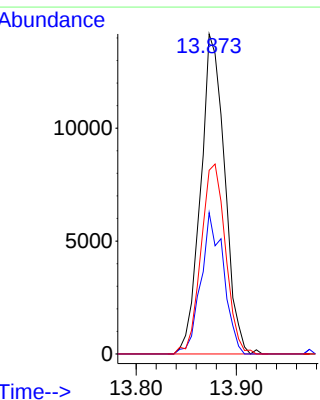
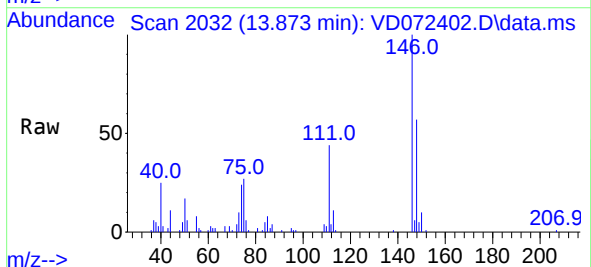
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

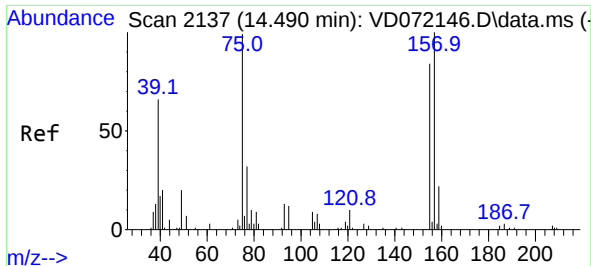
Tgt Ion:117 Resp: 9016
Ion Ratio Lower Upper
117 100
201 71.0 33.4 100.2



#91
1,2-Dichlorobenzene
Concen: 2.615 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

Tgt Ion:146 Resp: 23543
Ion Ratio Lower Upper
146 100
111 41.4 21.1 63.3
148 60.5 31.7 95.1

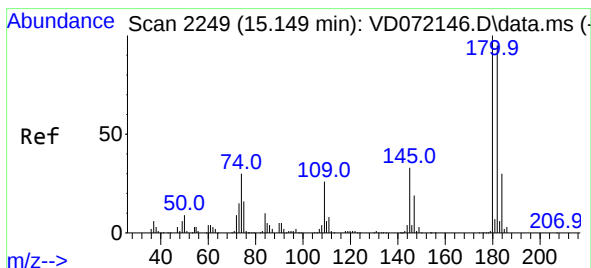
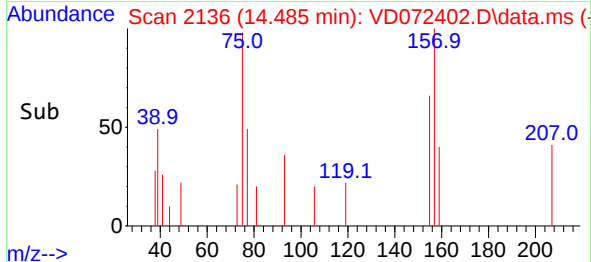
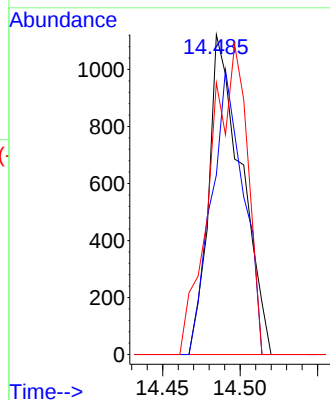
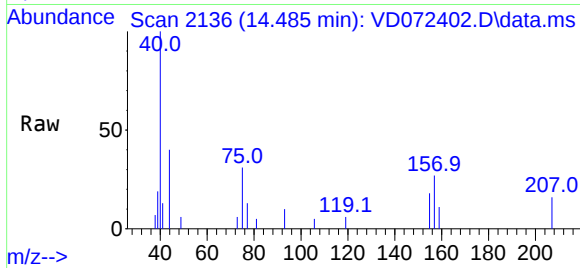




#92
1,2-Dibromo-3-Chloropropane
Concen: 2.632 ug/l
RT: 14.485 min Scan# 2136
Delta R.T. -0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

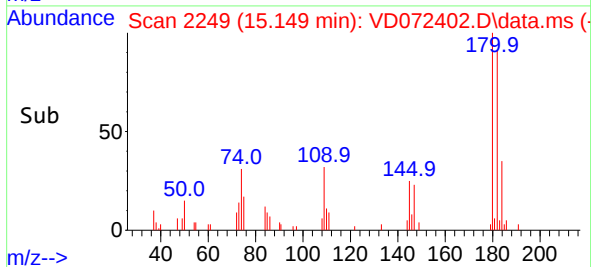
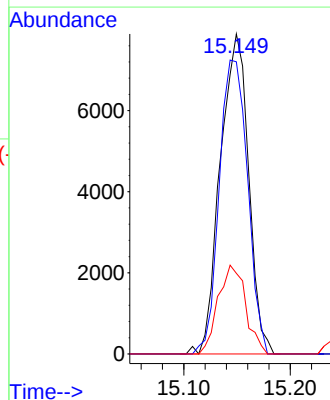
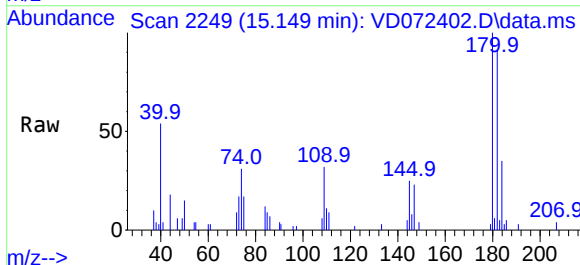
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

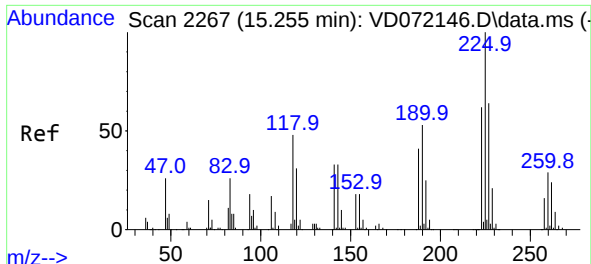
Tgt Ion: 75 Resp: 1644
Ion Ratio Lower Upper
75 100
155 87.0 36.8 110.3
157 109.9 48.4 145.0



#93
1,2,4-Trichlorobenzene
Concen: 2.438 ug/l
RT: 15.149 min Scan# 2249
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

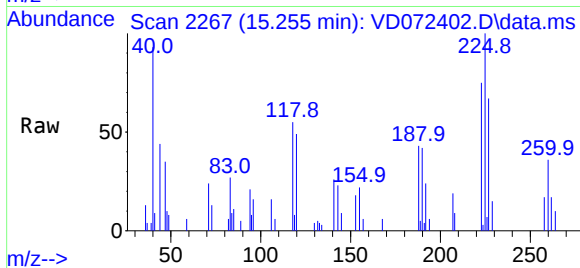
Tgt Ion:180 Resp: 14530
Ion Ratio Lower Upper
180 100
182 92.0 47.3 142.0
145 27.1 16.2 48.5



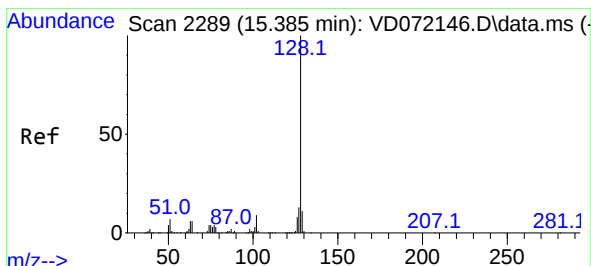
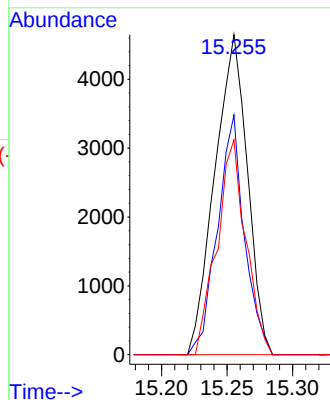
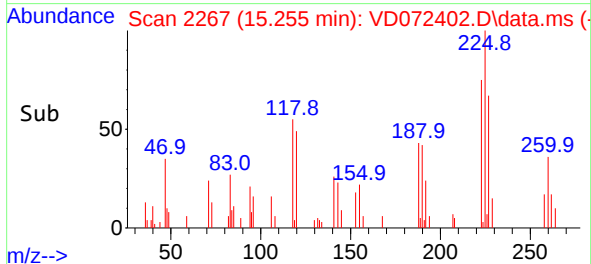


#94
Hexachlorobutadiene
Concen: 2.319 ug/l
RT: 15.255 min Scan# 21
Delta R.T. 0.000 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36

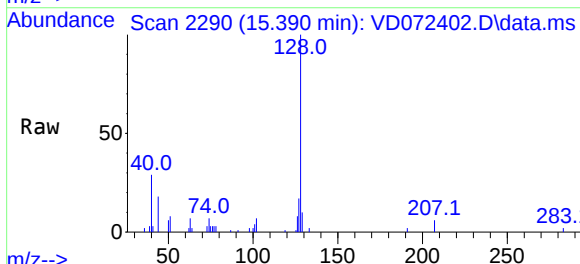
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



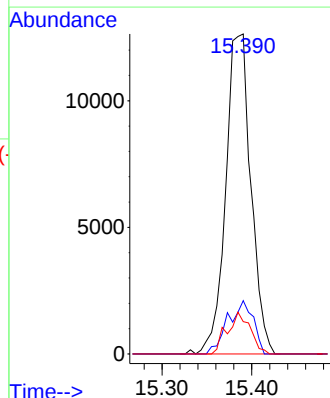
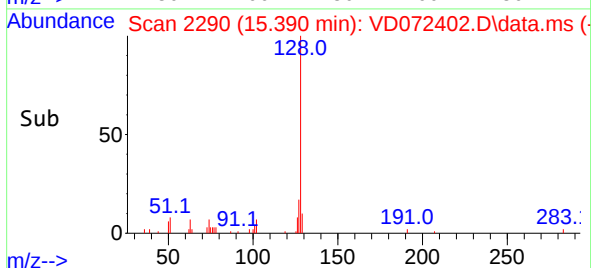
Tgt Ion:225 Resp: 8039
Ion Ratio Lower Upper
225 100
223 61.9 31.1 93.2
227 59.5 32.4 97.0

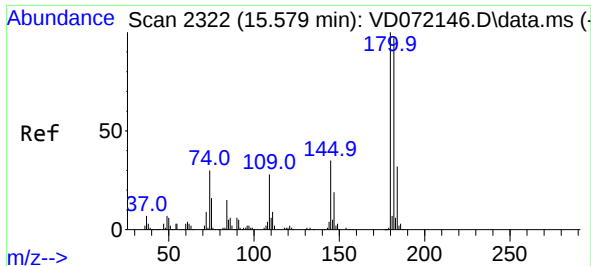


#95
Naphthalene
Concen: 2.401 ug/l
RT: 15.390 min Scan# 2290
Delta R.T. 0.006 min
Lab File: VD072402.D
Acq: 24 Mar 2022 12:36



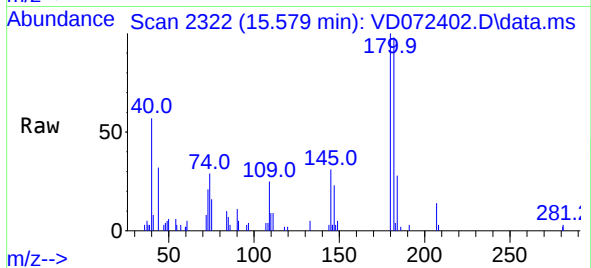
Tgt Ion:128 Resp: 24669
Ion Ratio Lower Upper
128 100
127 16.8 10.3 15.5#
129 11.9 8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.415 ug/l
 RT: 15.579 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD072402.D
 Acq: 24 Mar 2022 12:36

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



Tgt Ion:	180	Resp:	12460
Ion	Ratio	Lower	Upper
180	100		
182	97.2	47.6	142.9
145	34.5	17.1	51.3

