

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032422\
 Data File : VD072404.D
 Acq On : 24 Mar 2022 13:32
 Operator : VA/SY
 Sample : N1645-01 4.0ppb
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

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

Quant Time: Mar 25 02:54:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	342052	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	576957	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	534411	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	268011	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	210833	55.308	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	110.620%
35) Dibromofluoromethane	7.908	113	202442	49.861	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.720%
50) Toluene-d8	10.338	98	696970	46.947	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.900%
62) 4-Bromofluorobenzene	12.626	95	269546	46.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.460%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	11526	3.643	ug/l	91
3) Chloromethane	2.209	50	10987	3.908	ug/l	96
4) Vinyl Chloride	2.350	62	10978	4.045	ug/l	96
5) Bromomethane	2.773	94	8635	4.887	ug/l #	76
6) Chloroethane	2.920	64	7855	4.378	ug/l	93
7) Trichlorofluoromethane	3.268	101	22860	3.730	ug/l	94
8) Diethyl Ether	3.709	74	8025	4.741	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.103	101	15720	4.023	ug/l	97
10) Methyl Iodide	4.303	142	10695	5.146	ug/l #	96
11) Tert butyl alcohol	5.209	59	3304	14.949	ug/l	98
12) 1,1-Dichloroethene	4.073	96	12677	4.033	ug/l #	71
13) Acrolein	3.920	56	4516	22.898	ug/l #	81
14) Allyl chloride	4.714	41	22475	4.089	ug/l	95
15) Acrylonitrile	5.420	53	20383	23.867	ug/l	99
16) Acetone	4.156	43	22460	27.137	ug/l	90
17) Carbon Disulfide	4.409	76	16373	3.667	ug/l	99
18) Methyl Acetate	4.720	43	12196	6.013	ug/l	96
19) Methyl tert-butyl Ether	5.479	73	36977	4.328	ug/l	95
20) Methylene Chloride	4.962	84	39238	3.619	ug/l	86
21) trans-1,2-Dichloroethene	5.473	96	12539	3.606	ug/l	95
22) Diisopropyl ether	6.361	45	54145	4.319	ug/l	95
23) Vinyl Acetate	6.303	43	108795	17.004	ug/l	97
24) 1,1-Dichloroethane	6.267	63	31503	4.261	ug/l	98
25) 2-Butanone	7.208	43	27904	25.286	ug/l	92
26) 2,2-Dichloropropane	7.203	77	26098	3.912	ug/l	97
27) cis-1,2-Dichloroethene	7.208	96	18613	4.193	ug/l	94
28) Bromochloromethane	7.544	49	9355	3.143	ug/l	86
29) Tetrahydrofuran	7.561	42	14964	23.061	ug/l	97
30) Chloroform	7.714	83	34797	4.418	ug/l	93
31) Cyclohexane	7.985	56	25042	4.205	ug/l #	59
32) 1,1,1-Trichloroethane	7.903	97	28882	4.128	ug/l	98
36) 1,1-Dichloropropene	8.114	75	19911	3.496	ug/l	98
37) Ethyl Acetate	7.285	43	10374	4.158	ug/l #	90
38) Carbon Tetrachloride	8.091	117	23658	3.654	ug/l	97
39) Methylcyclohexane	9.350	83	18808	2.934	ug/l	90
40) Benzene	8.350	78	63507	3.908	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.538	41	7993	5.496	ug/l #	27
42) 1,2-Dichloroethane	8.420	62	21604	4.383	ug/l	98
43) Isopropyl Acetate	8.444	43	22010	4.545	ug/l	93
44) Trichloroethene	9.108	130	17061	3.740	ug/l	87
45) 1,2-Dichloropropane	9.385	63	19040	4.272	ug/l	96
46) Dibromomethane	9.473	93	9270	4.229	ug/l	97
47) Bromodichloromethane	9.661	83	27531	4.308	ug/l	97
48) Methyl methacrylate	9.450	41	10412	4.503	ug/l	95
49) 1,4-Dioxane	9.455	88	2448	93.124	ug/l #	73
51) 4-Methyl-2-Pentanone	10.220	43	57105	22.452	ug/l	97
52) Toluene	10.397	92	41112	3.845	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	22320	3.823	ug/l	91
54) cis-1,3-Dichloropropene	10.085	75	26775	3.967	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	16898	5.060	ug/l	89
56) Ethyl methacrylate	10.655	69	16432	4.201	ug/l	96
57) 1,3-Dichloropropane	10.938	76	25063	4.472	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.938	63	23358	13.282	ug/l #	88
59) 2-Hexanone	10.979	43	41120	23.407	ug/l	94
60) Dibromochloromethane	11.132	129	18672	4.309	ug/l	98
61) 1,2-Dibromoethane	11.238	107	12918	4.281	ug/l	97
64) Tetrachloroethene	10.867	164	14379	3.819	ug/l	95
65) Chlorobenzene	11.661	112	47766	4.032	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.738	131	19503	4.163	ug/l	99
67) Ethyl Benzene	11.738	91	76481	3.614	ug/l	97
68) m/p-Xylenes	11.844	106	55605	6.920	ug/l	98
69) o-Xylene	12.173	106	28441	3.701	ug/l	92
70) Styrene	12.191	104	48748	3.632	ug/l	95
71) Bromoform	12.349	173	10495	4.194	ug/l #	96
73) Isopropylbenzene	12.473	105	77104	3.630	ug/l	99
74) N-amyl acetate	12.279	43	21629	4.739	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	19133	5.037	ug/l	96
76) 1,2,3-Trichloropropane	12.773	75	21793	7.371	ug/l #	100
77) Bromobenzene	12.755	156	19847	4.152	ug/l	97
78) n-propylbenzene	12.814	91	97246	3.770	ug/l	100
79) 2-Chlorotoluene	12.896	91	57864	3.879	ug/l	100
80) 1,3,5-Trimethylbenzene	12.949	105	68427	3.750	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	4735	3.974	ug/l	94
82) 4-Chlorotoluene	12.996	91	61943	4.010	ug/l	99
83) tert-Butylbenzene	13.214	119	57554	3.598	ug/l	97
84) 1,2,4-Trimethylbenzene	13.261	105	67327	3.745	ug/l	99
85) sec-Butylbenzene	13.390	105	86202	3.588	ug/l	98
86) p-Isopropyltoluene	13.508	119	70100	3.546	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	40438	4.036	ug/l	98
88) 1,4-Dichlorobenzene	13.585	146	43529	4.382	ug/l	96
89) n-Butylbenzene	13.832	91	68119	3.615	ug/l	99
90) Hexachloroethane	14.102	117	15215	3.927	ug/l	98
91) 1,2-Dichlorobenzene	13.879	146	35770	4.095	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	3090	5.097	ug/l	94
93) 1,2,4-Trichlorobenzene	15.143	180	22281	3.853	ug/l	99
94) Hexachlorobutadiene	15.249	225	13790	4.099	ug/l	95
95) Naphthalene	15.385	128	37976	3.810	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.579	180	19757	3.947	ug/l	98

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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



Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 10

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

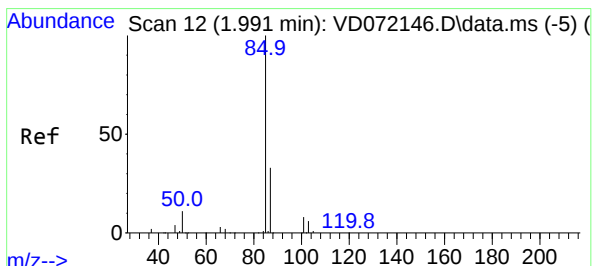
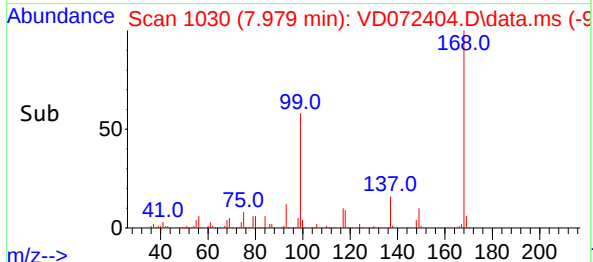
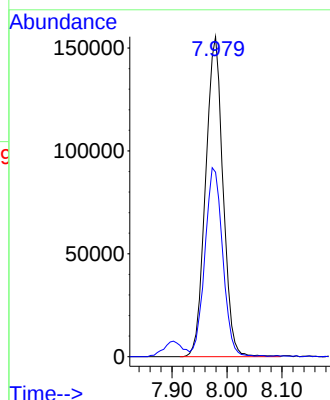
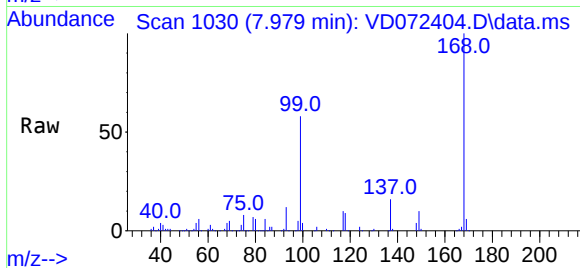
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:168 Resp: 342052

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



Dichlorodifluoromethane

Concen: 3.643 ug/l

RT: 1.991 min Scan# 12

Delta R.T. -0.000 min

Lab File: VD072404.D

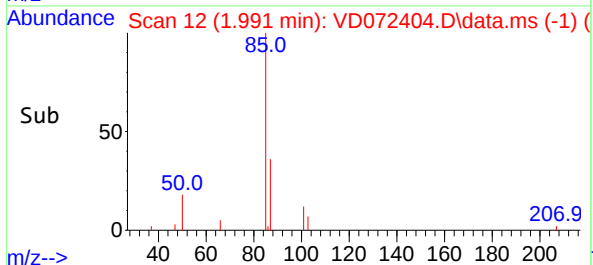
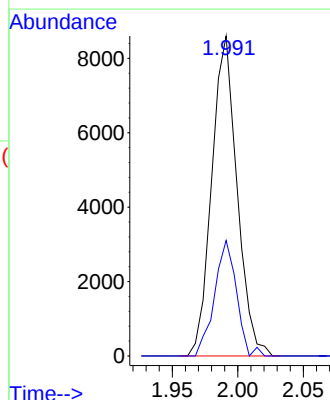
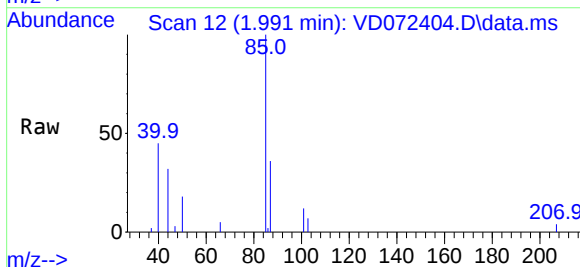
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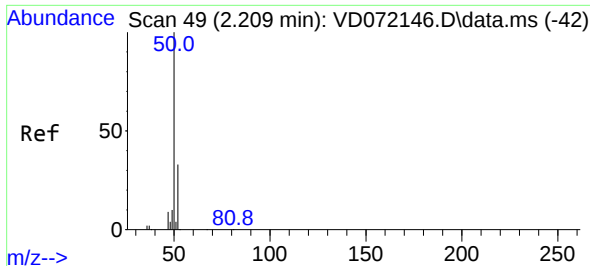
Tgt Ion: 85 Resp: 11526

Ion Ratio Lower Upper

85 100

87 36.1 15.7 47.0

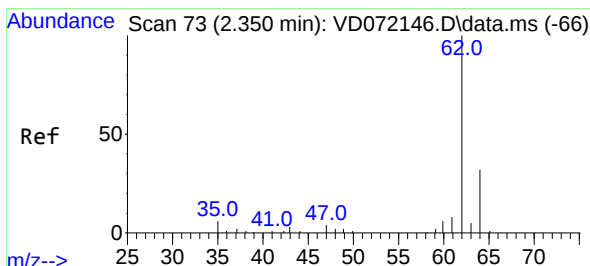
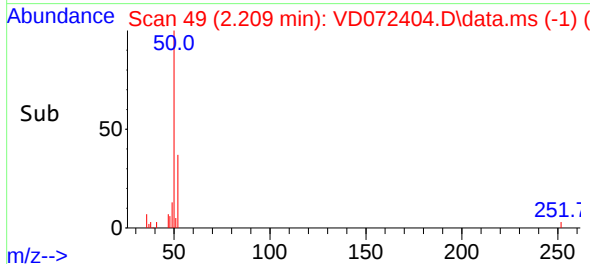
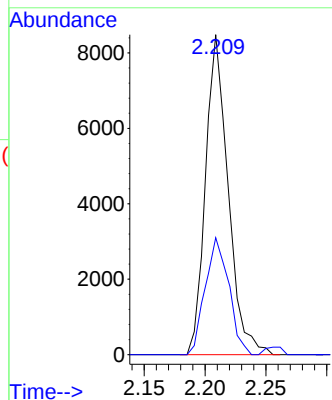
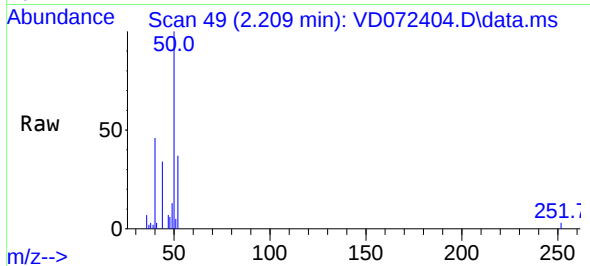




#3
Chloromethane
Concen: 3.908 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

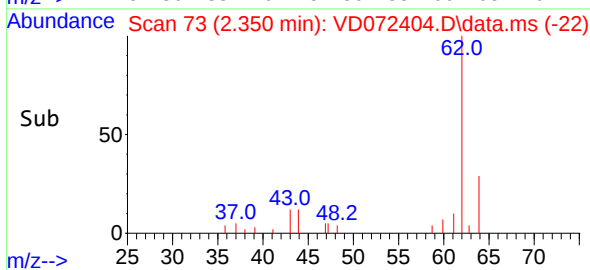
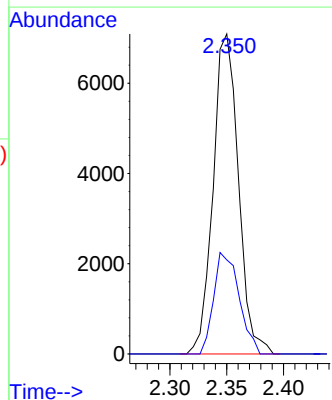
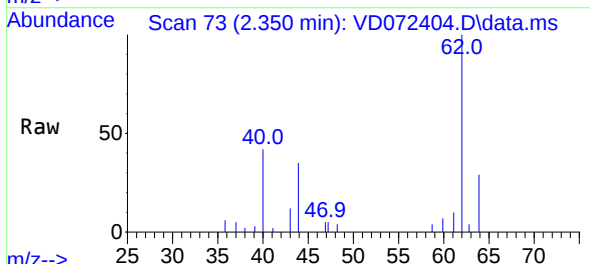
Instrument :
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LOD-MDL-SOIL-01-QT1-2022

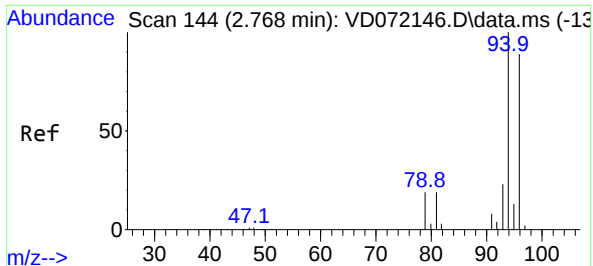
Tgt Ion: 50 Resp: 10987
Ion Ratio Lower Upper
50 100
52 36.6 27.4 41.0



#4
Vinyl Chloride
Concen: 4.045 ug/l
RT: 2.350 min Scan# 73
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 62 Resp: 10978
Ion Ratio Lower Upper
62 100
64 29.4 25.4 38.0

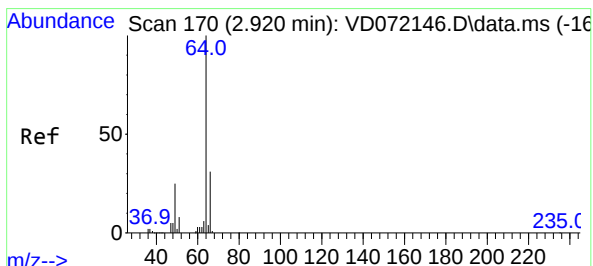
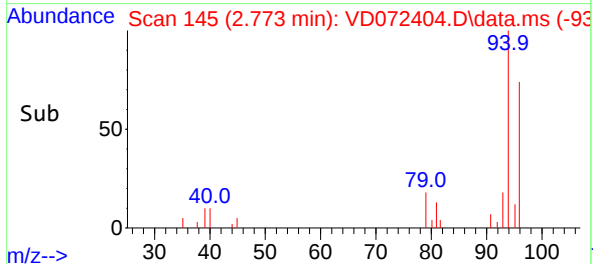
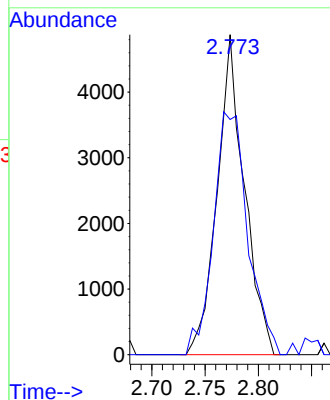
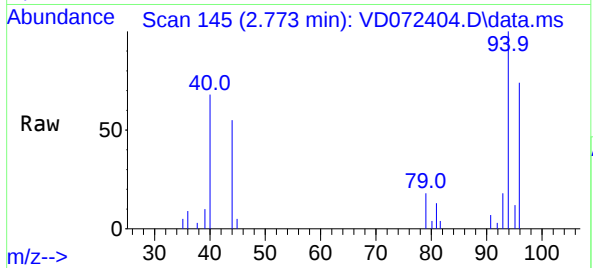




#5
Bromomethane
Concen: 4.887 ug/l
RT: 2.773 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

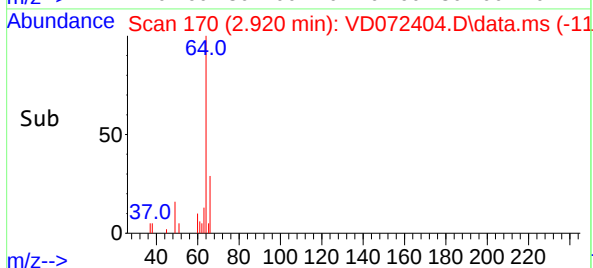
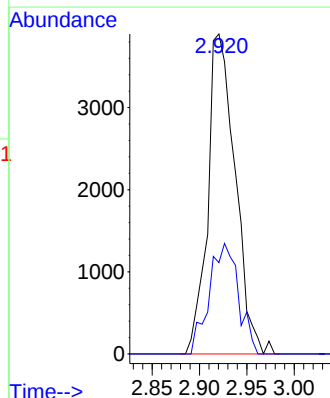
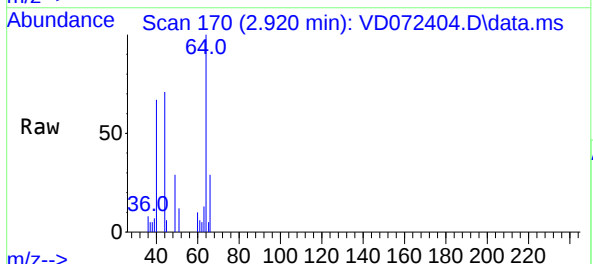
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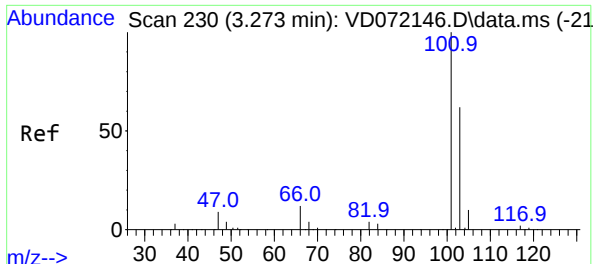
Tgt Ion: 94 Resp: 8635
Ion Ratio Lower Upper
94 100
96 73.5 77.6 116.4#



#6
Chloroethane
Concen: 4.378 ug/l
RT: 2.920 min Scan# 170
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 64 Resp: 7855
Ion Ratio Lower Upper
64 100
66 28.6 25.9 38.9

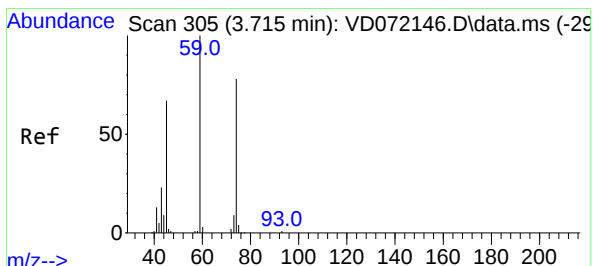
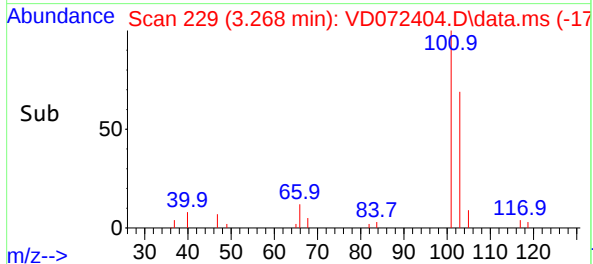
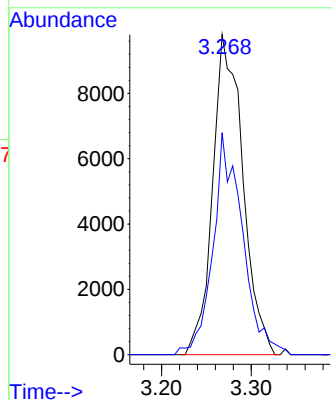
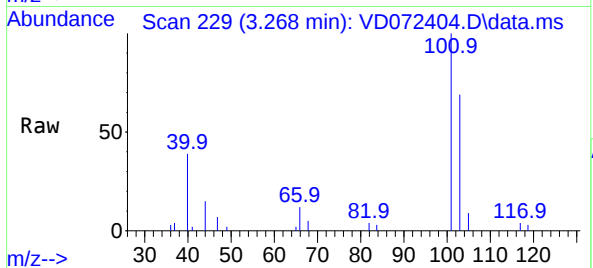




#7
Trichlorofluoromethane
Concen: 3.730 ug/l
RT: 3.268 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

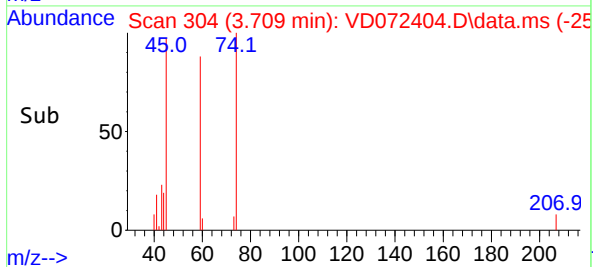
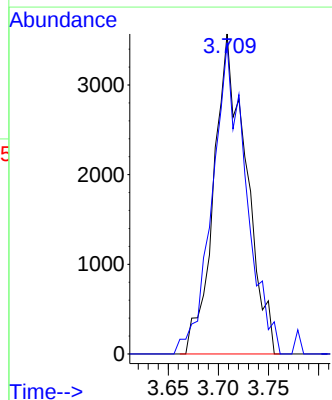
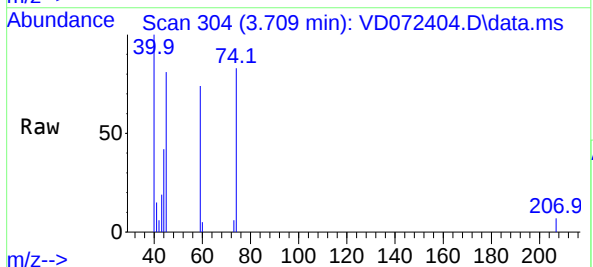
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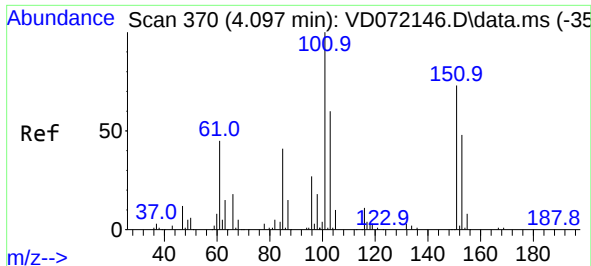
Tgt Ion:101 Resp: 22860
Ion Ratio Lower Upper
101 100
103 67.2 50.1 75.1



#8
Diethyl Ether
Concen: 4.741 ug/l
RT: 3.709 min Scan# 304
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 74 Resp: 8025
Ion Ratio Lower Upper
74 100
45 100.5 52.6 157.8

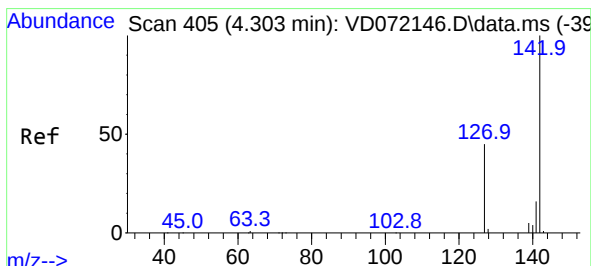
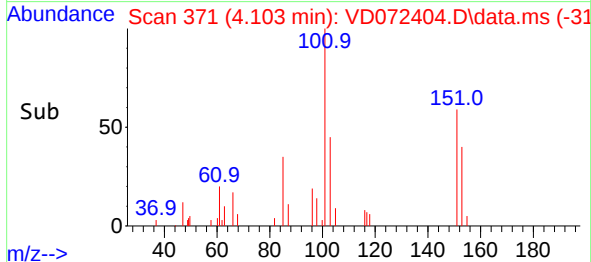
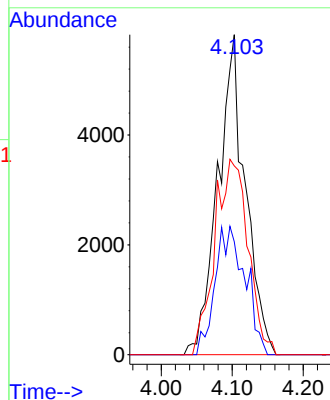
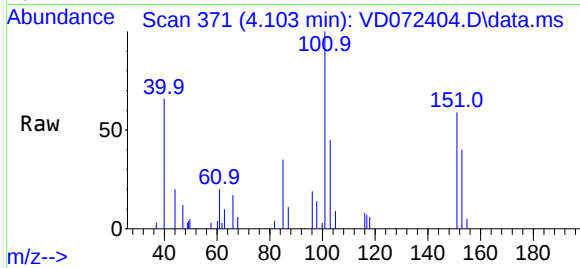




#9
1,1,2-Trichlorotrifluoroethane
Concen: 4.023 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.006 min
Lab File: VD072404.D
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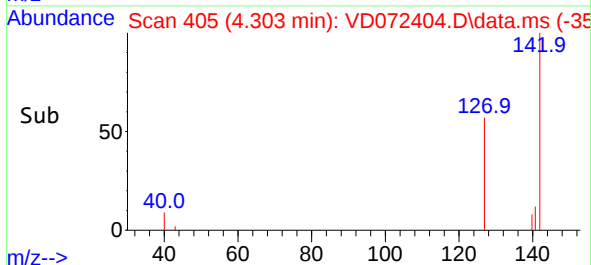
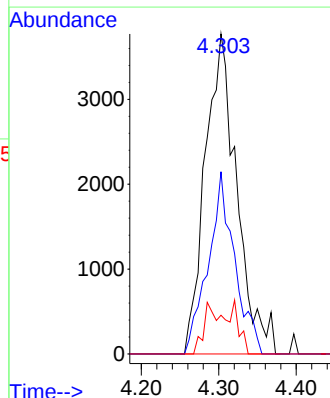
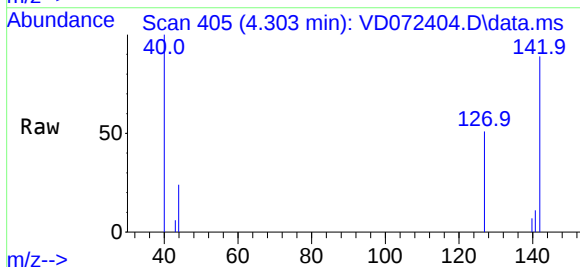
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:101 Resp: 15720
Ion Ratio Lower Upper
101 100
85 43.7 36.4 54.6
151 73.9 57.3 85.9



#10
Methyl Iodide
Concen: 5.146 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:142 Resp: 10695
Ion Ratio Lower Upper
142 100
127 47.5 37.3 55.9
141 9.0 11.7 17.5#





#11

Tert butyl alcohol

Concen: 14.949 ug/l

RT: 5.209 min Scan# 511

Delta R.T. -0.000 min

Lab File: VD072404.D

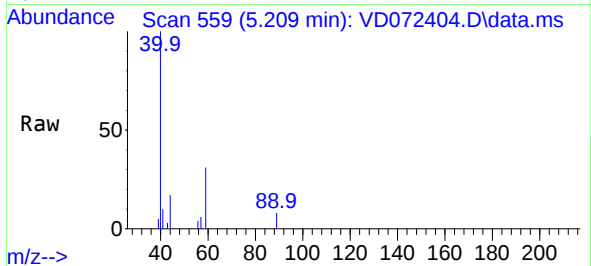
Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

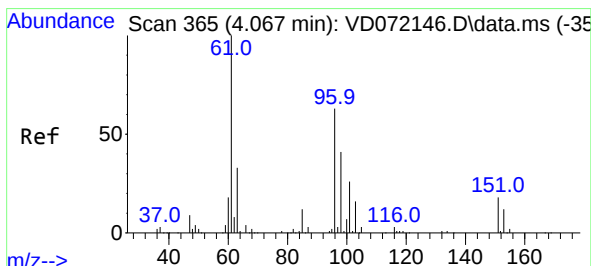
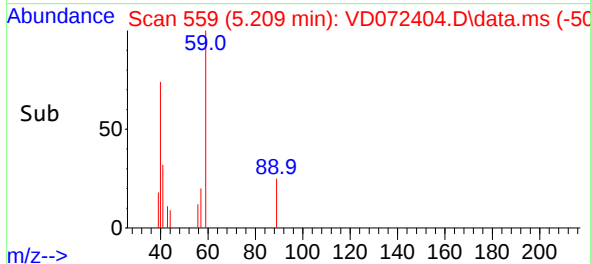
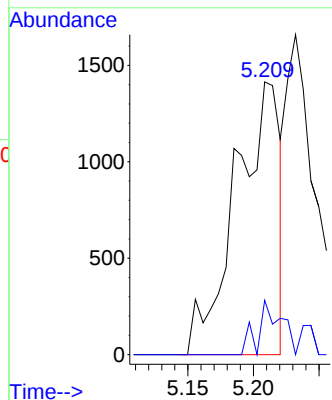


Tgt Ion: 59 Resp: 3304

Ion Ratio Lower Upper

59 100

57 10.4 7.8 11.6



#12

1,1-Dichloroethene

Concen: 4.033 ug/l

RT: 4.073 min Scan# 366

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

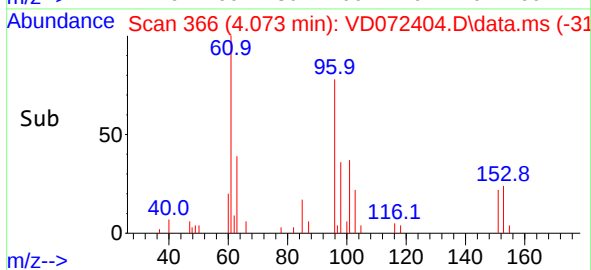
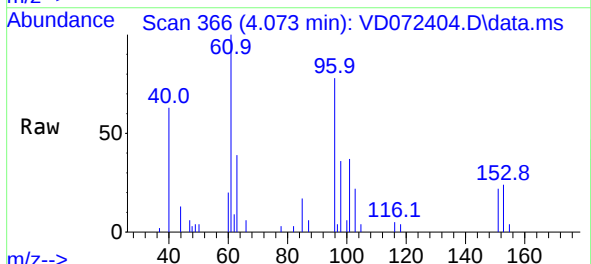
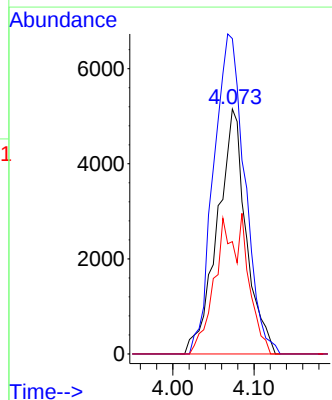
Tgt Ion: 96 Resp: 12677

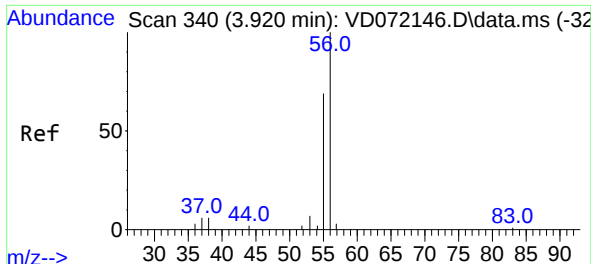
Ion Ratio Lower Upper

96 100

61 128.8 138.5 207.7#

98 45.8 48.6 73.0#

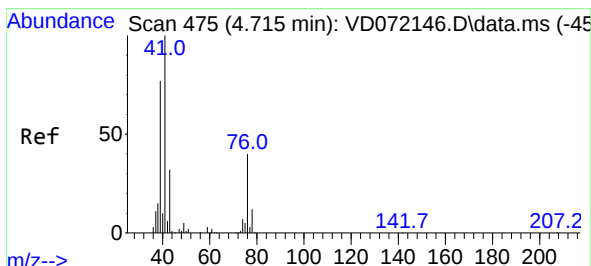
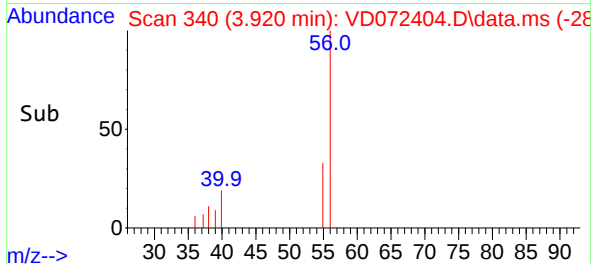
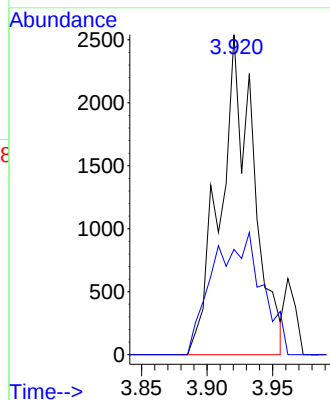
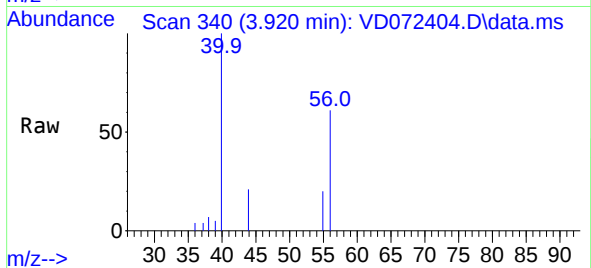




#13
Acrolein
Concen: 22.898 ug/l
RT: 3.920 min Scan# 340
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

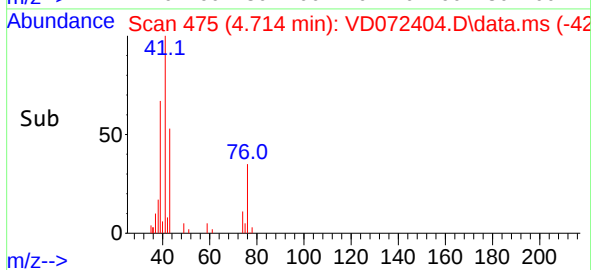
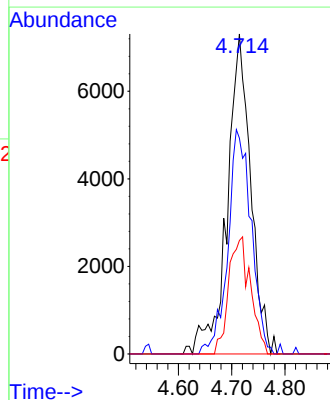
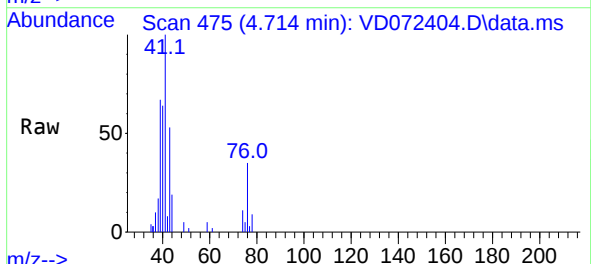
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 56 Resp: 4516
Ion Ratio Lower Upper
56 100
55 55.7 57.1 85.7#



#14
Allyl chloride
Concen: 4.089 ug/l
RT: 4.714 min Scan# 475
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 41 Resp: 22475
Ion Ratio Lower Upper
41 100
39 69.4 59.3 88.9
76 33.8 25.7 38.5

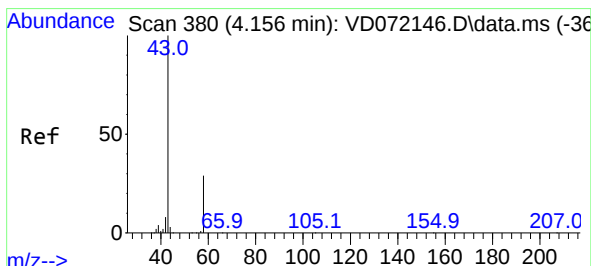
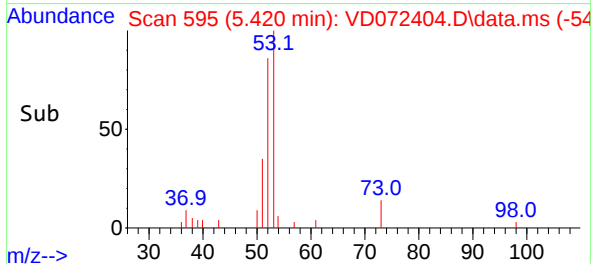
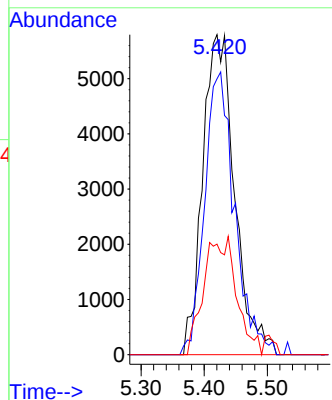
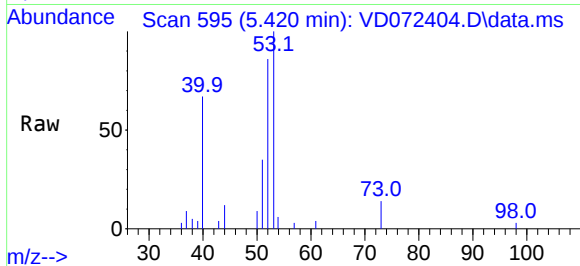




#15
Acrylonitrile
Concen: 23.867 ug/l
RT: 5.420 min Scan# 595
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

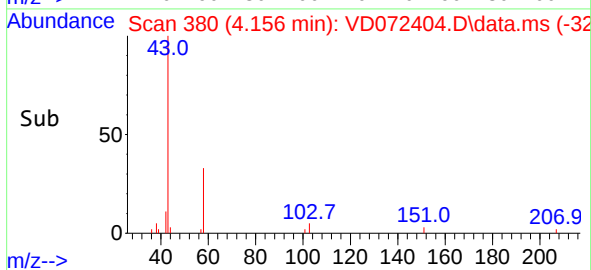
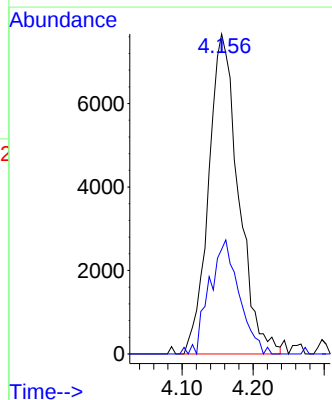
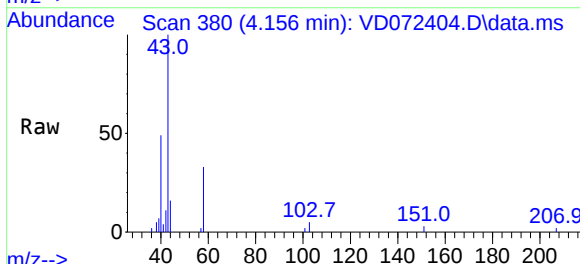
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

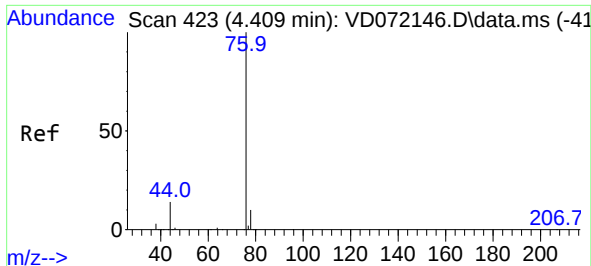
Tgt Ion: 53	Resp: 20383
Ion Ratio	Lower Upper
53 100	
52 83.0	67.2 100.8
51 37.5	30.3 45.5



#16
Acetone
Concen: 27.137 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 43	Resp: 22460		
Ion Ratio	Lower	Upper	
43 100			
58 32.7	22.1	33.1	

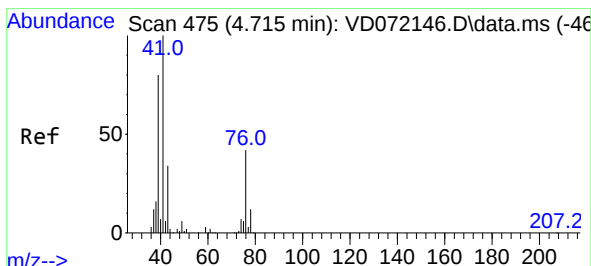
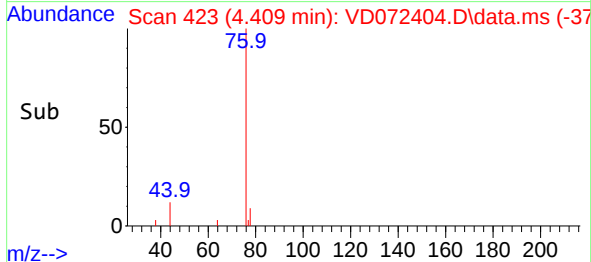
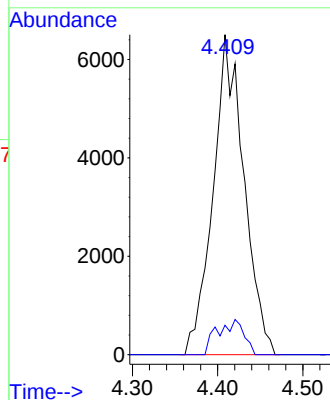
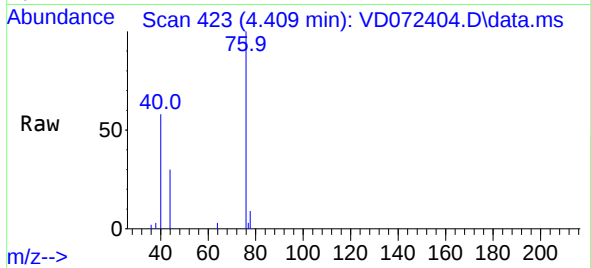




#17
Carbon Disulfide
Concen: 3.667 ug/l
RT: 4.409 min Scan# 41
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

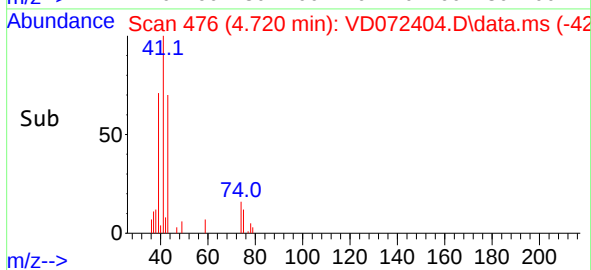
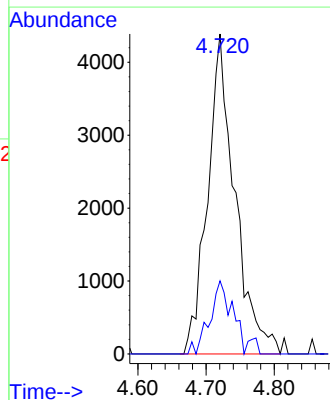
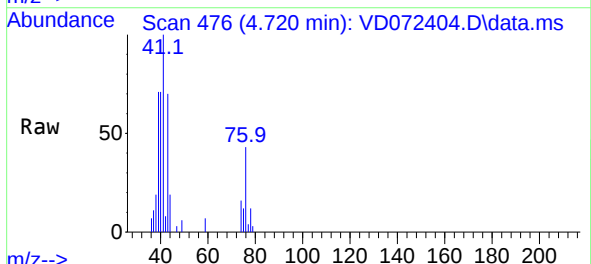
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

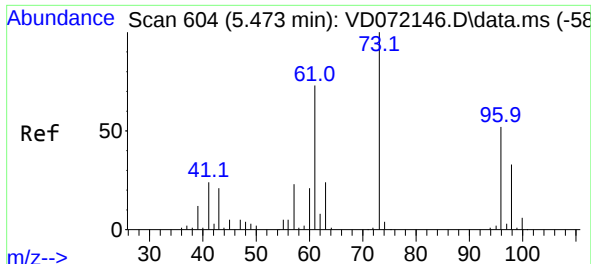
Tgt Ion: 76 Resp: 16373
Ion Ratio Lower Upper
76 100
78 9.2 7.5 11.3



#18
Methyl Acetate
Concen: 6.013 ug/l
RT: 4.720 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 43 Resp: 12196
Ion Ratio Lower Upper
43 100
74 19.2 16.7 25.1

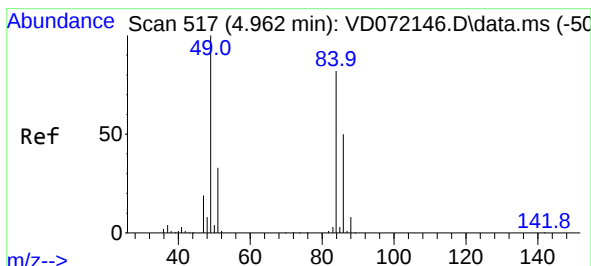
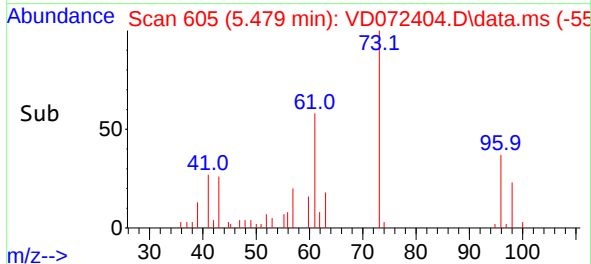
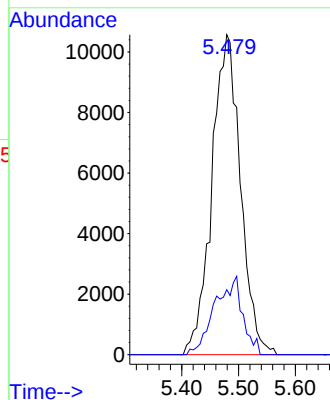
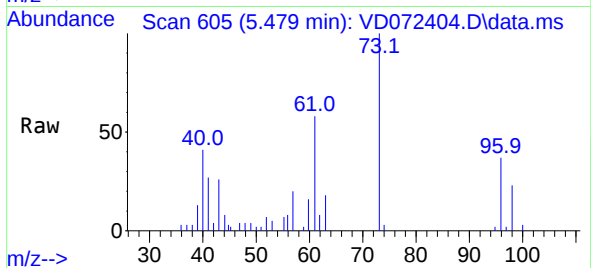




#19
Methyl tert-butyl Ether
Concen: 4.328 ug/l
RT: 5.479 min Scan# 604
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

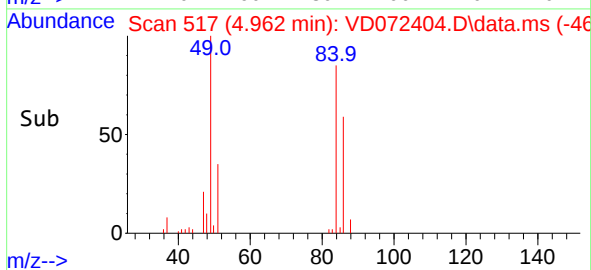
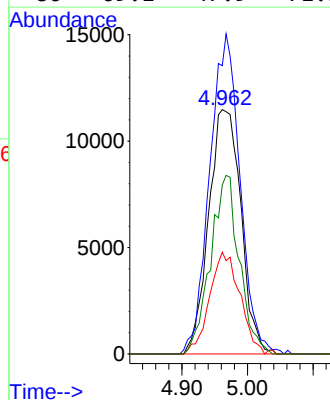
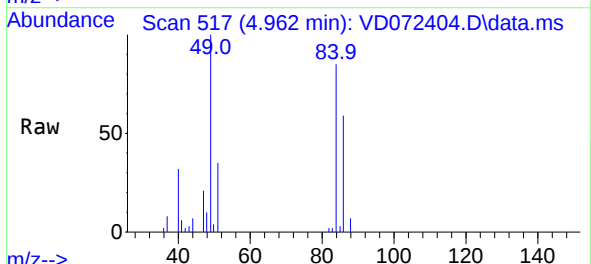
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

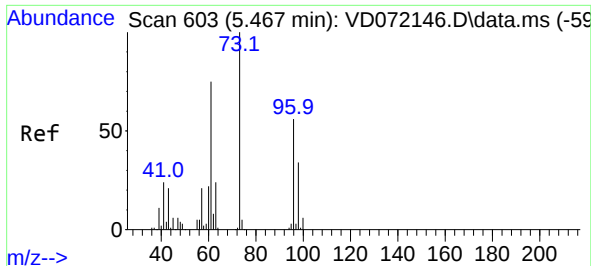
Tgt Ion: 73 Resp: 36977
Ion Ratio Lower Upper
73 100
57 20.3 18.0 27.0



#20
Methylene Chloride
Concen: 3.619 ug/l
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 84 Resp: 39238
Ion Ratio Lower Upper
84 100
49 118.0 112.8 169.2
51 41.6 32.6 48.8
86 69.1 47.9 71.9

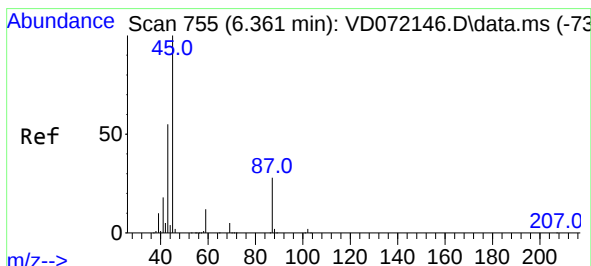
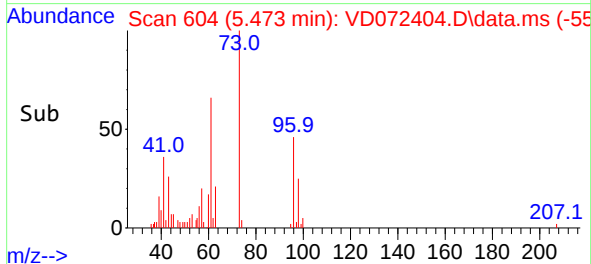
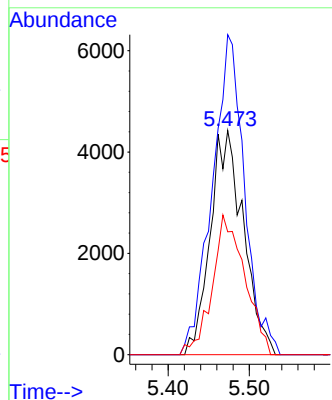
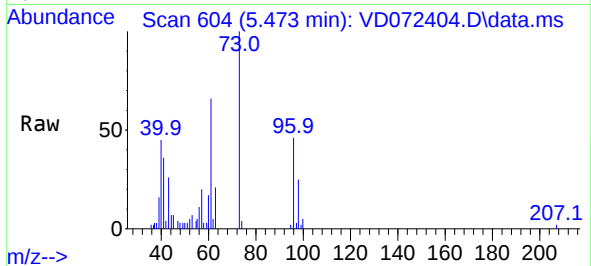




#21
trans-1,2-Dichloroethene
Concen: 3.606 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

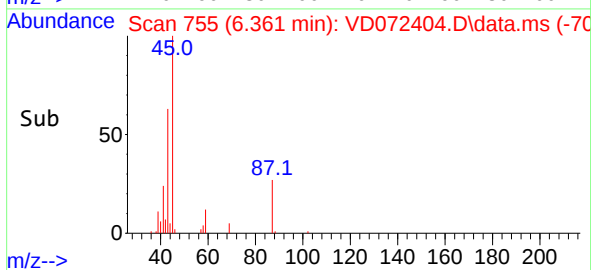
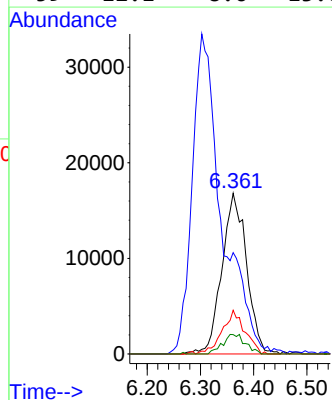
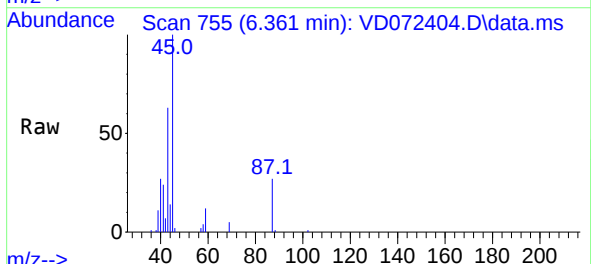
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 96 Resp: 12539
Ion Ratio Lower Upper
96 100
61 142.8 117.9 176.9
98 54.8 49.4 74.2



#22
Diisopropyl ether
Concen: 4.319 ug/l
RT: 6.361 min Scan# 755
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 45 Resp: 54145
Ion Ratio Lower Upper
45 100
43 60.6 46.6 70.0
87 27.2 18.4 27.6
59 12.1 8.6 13.0

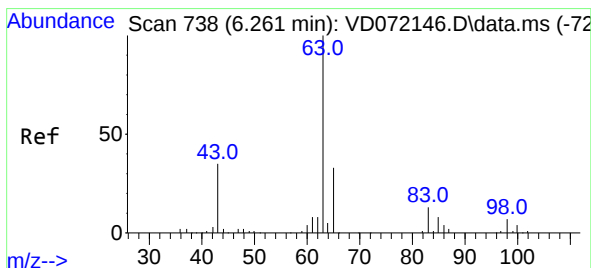
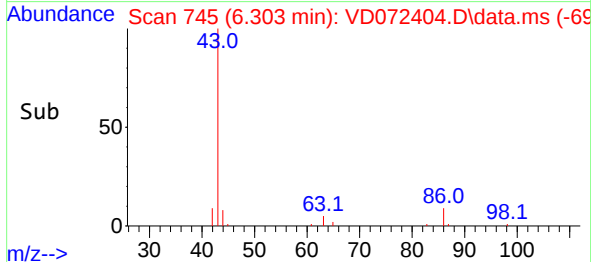
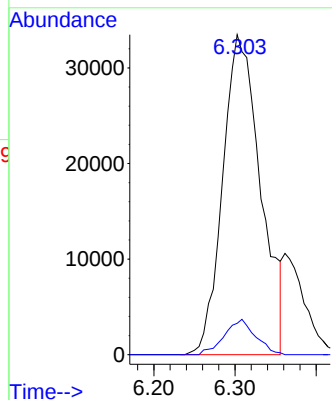
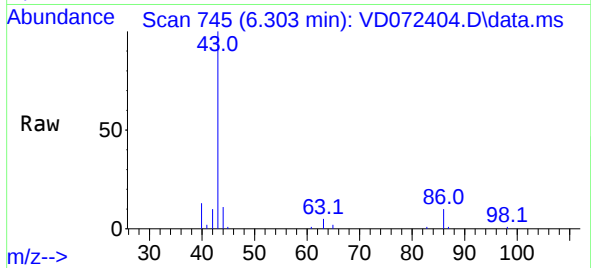




#23
 Vinyl Acetate
 Concen: 17.004 ug/l
 RT: 6.303 min Scan# 745
 Delta R.T. -0.000 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

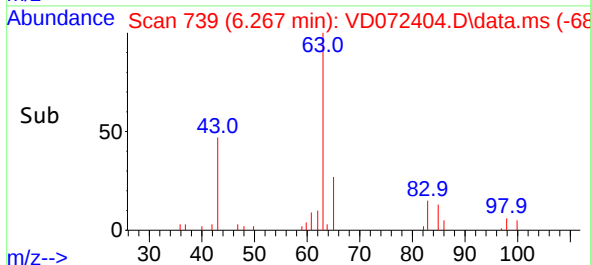
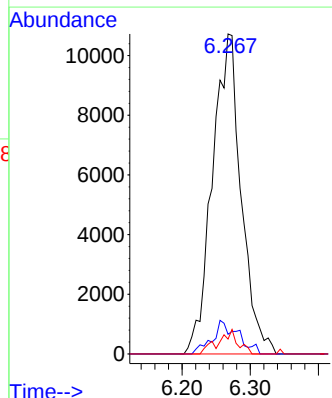
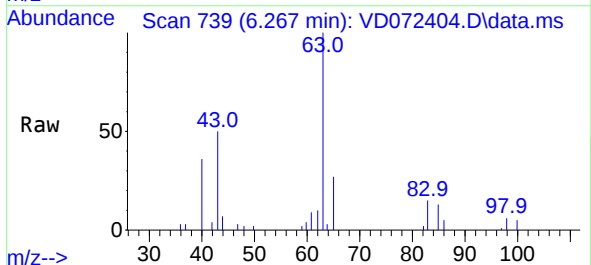
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 43 Resp: 108795
 Ion Ratio Lower Upper
 43 100
 86 9.8 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 4.261 ug/l
 RT: 6.267 min Scan# 739
 Delta R.T. 0.006 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

Tgt Ion: 63 Resp: 31503
 Ion Ratio Lower Upper
 63 100
 98 6.2 3.6 10.9
 100 4.6 2.1 6.5

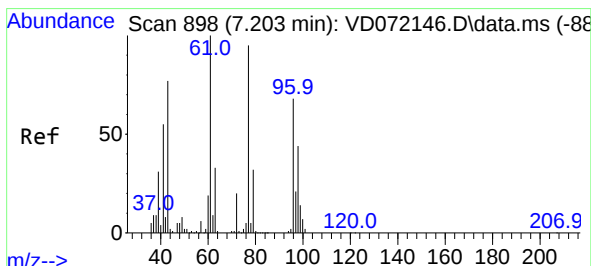
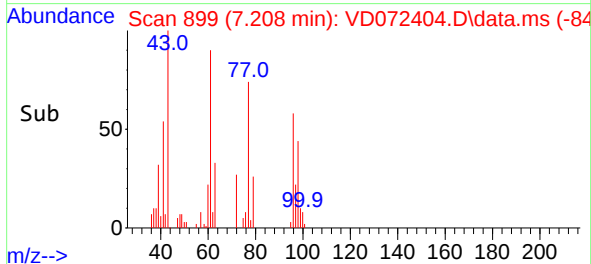
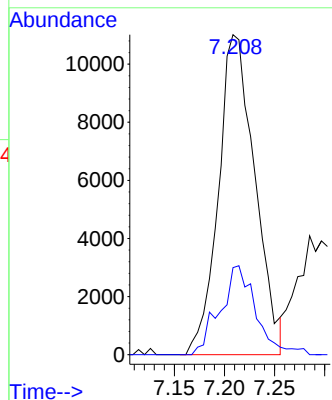
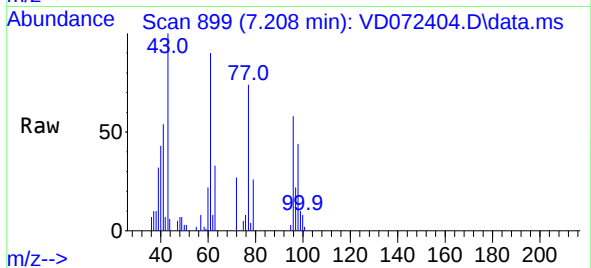




#25
2-Butanone
Concen: 25.286 ug/l
RT: 7.208 min Scan# 899
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

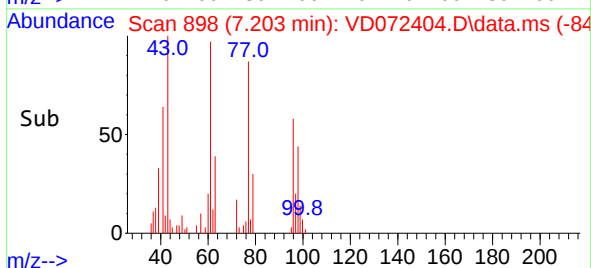
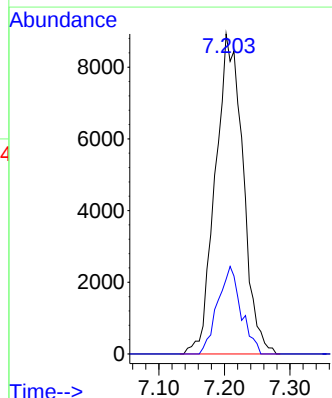
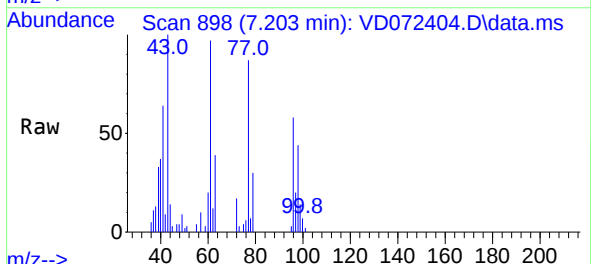
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

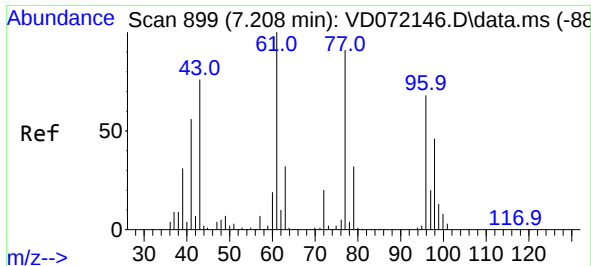
Tgt Ion: 43 Resp: 27904
Ion Ratio Lower Upper
43 100
72 27.2 18.6 27.8



#26
2,2-Dichloropropane
Concen: 3.912 ug/l
RT: 7.203 min Scan# 898
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 77 Resp: 26098
Ion Ratio Lower Upper
77 100
97 23.2 10.8 32.4

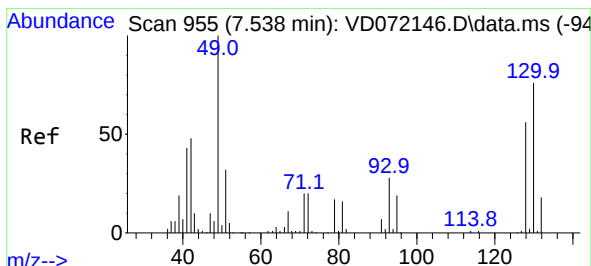
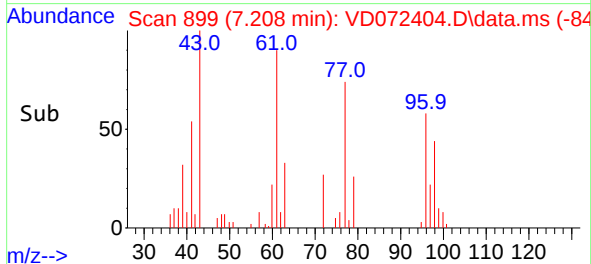
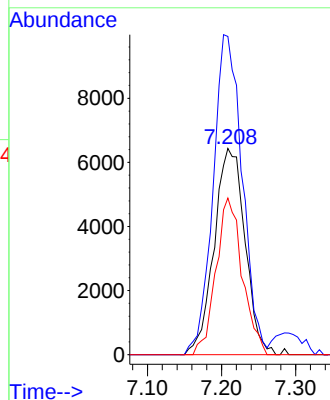
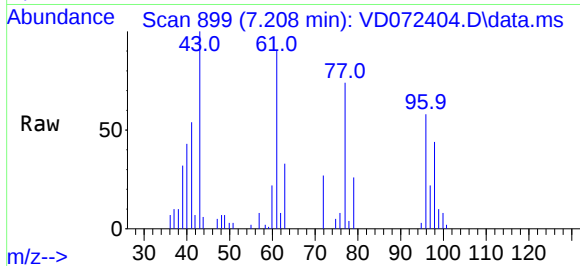




#27
cis-1,2-Dichloroethene
Concen: 4.193 ug/l
RT: 7.208 min Scan# 899
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

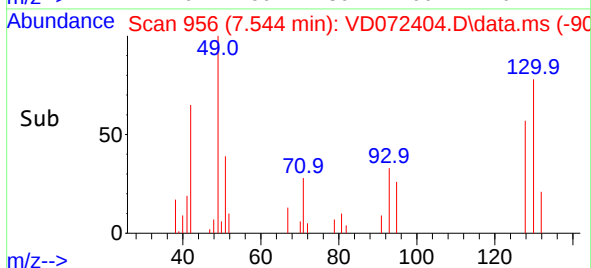
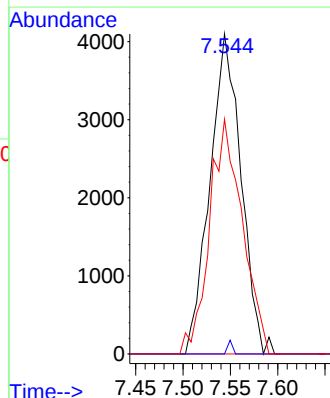
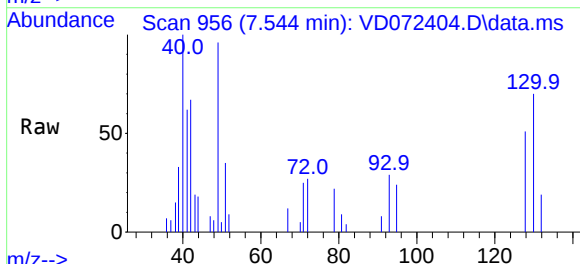
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

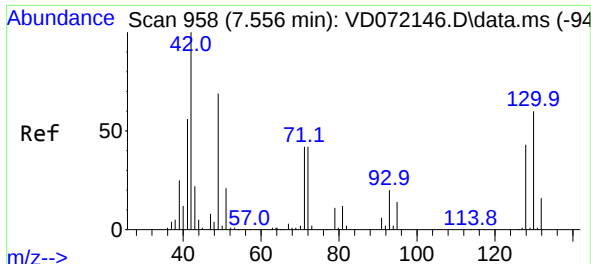
Tgt Ion:	96	Resp:	18613
Ion	Ratio	Lower	Upper
96	100		
61	146.5	0.0	313.8
98	64.9	0.0	128.8



#28
Bromochloromethane
Concen: 3.143 ug/l
RT: 7.544 min Scan# 956
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:	49	Resp:	9355
Ion	Ratio	Lower	Upper
49	100		
129	0.7	0.0	4.0
130	77.2	52.6	79.0





#29

Tetrahydrofuran

Concen: 23.061 ug/l

RT: 7.561 min Scan# 91

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

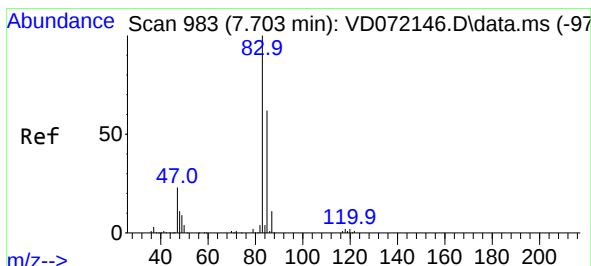
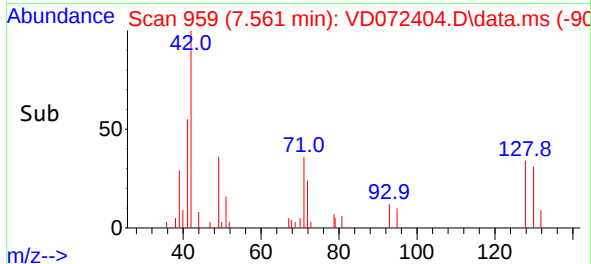
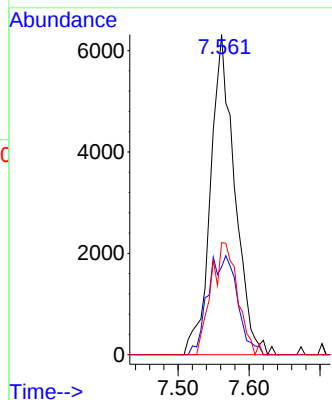
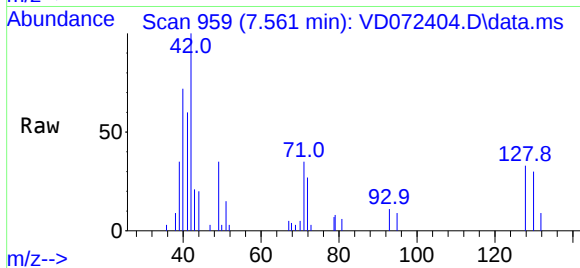
Tgt Ion: 42 Resp: 14964

Ion Ratio Lower Upper

42 100

72 37.8 30.7 46.1

71 38.2 28.6 43.0



#30

Chloroform

Concen: 4.418 ug/l

RT: 7.714 min Scan# 985

Delta R.T. 0.012 min

Lab File: VD072404.D

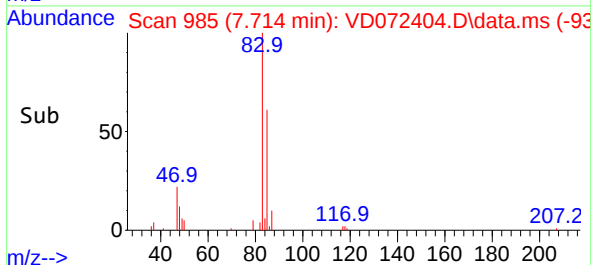
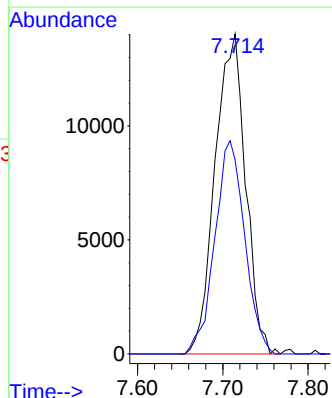
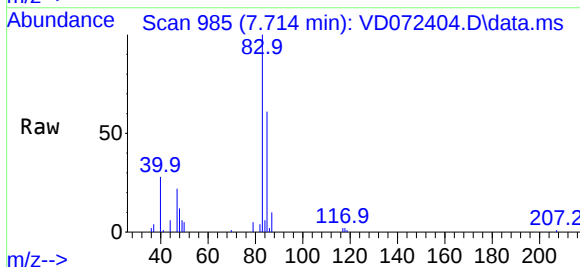
Acq: 24 Mar 2022 13:32

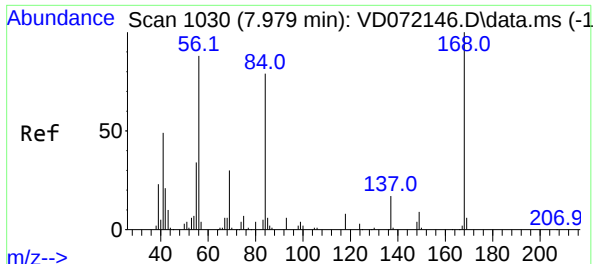
Tgt Ion: 83 Resp: 34797

Ion Ratio Lower Upper

83 100

85 60.7 52.7 79.1





#31

Cyclohexane

Concen: 4.205 ug/l

RT: 7.985 min Scan# 1031

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

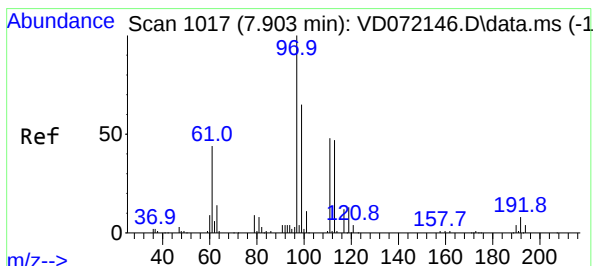
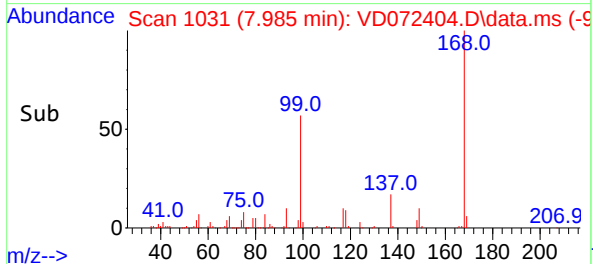
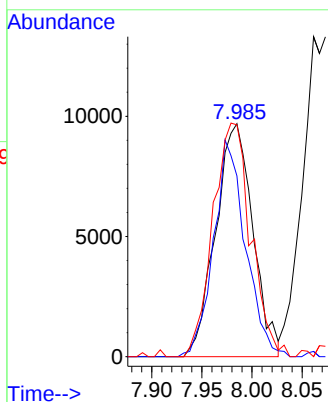
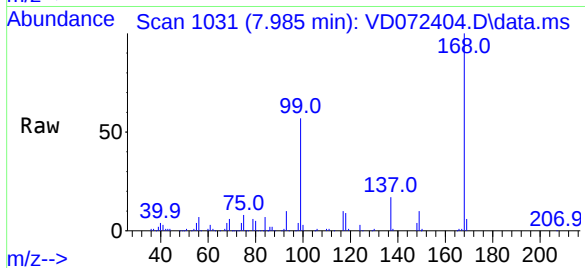
Tgt Ion: 56 Resp: 25042

Ion Ratio Lower Upper

56 100

69 77.6 25.4 38.2#

84 99.5 63.0 94.4#



#32

1,1,1-Trichloroethane

Concen: 4.128 ug/l

RT: 7.903 min Scan# 1017

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

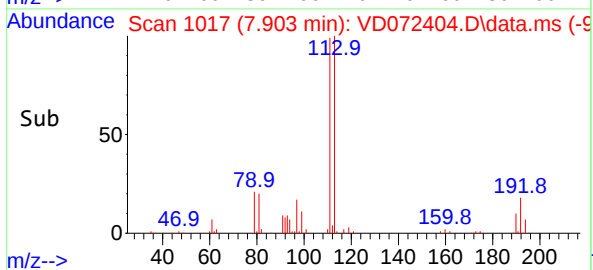
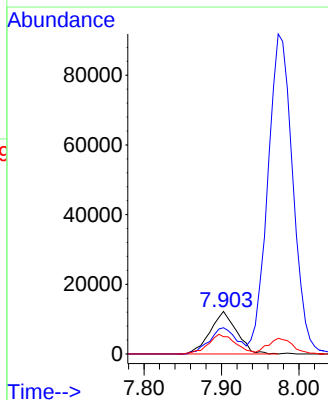
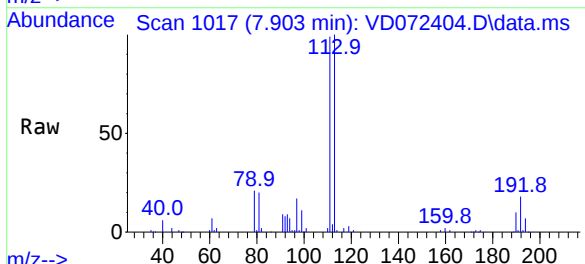
Tgt Ion: 97 Resp: 28882

Ion Ratio Lower Upper

97 100

99 63.5 52.4 78.6

61 47.8 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 55.308 ug/l

RT: 8.332 min Scan# 1089

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

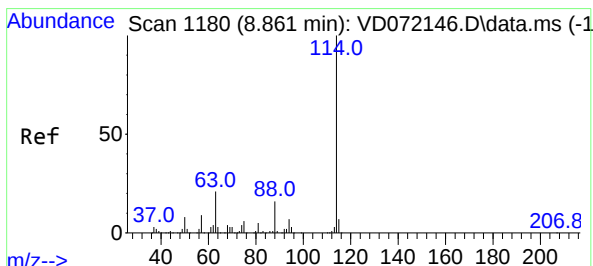
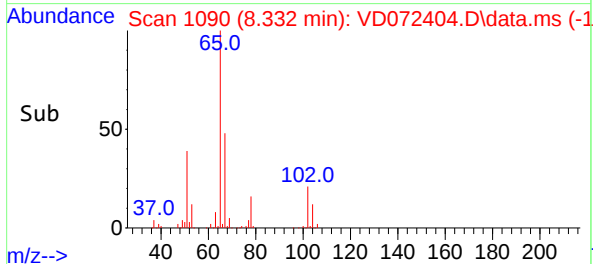
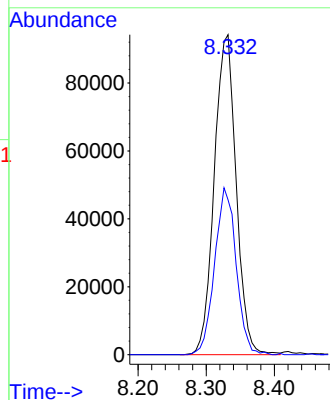
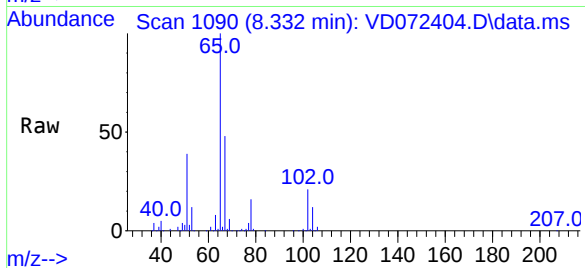
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 65 Resp: 210833

Ion Ratio Lower Upper

65 100

67 51.2 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: VD072404.D

Acq: 24 Mar 2022 13:32

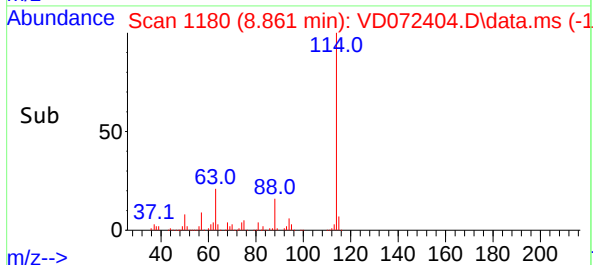
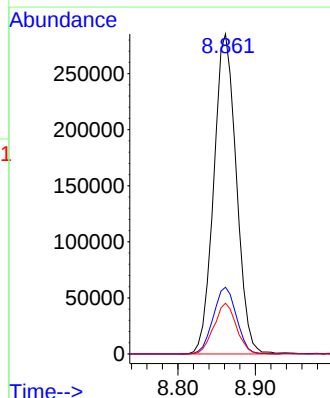
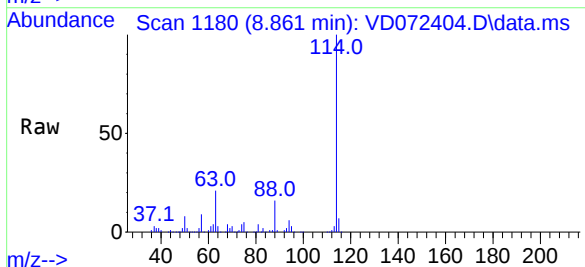
Tgt Ion: 114 Resp: 576957

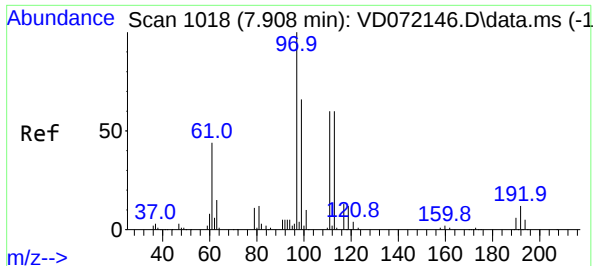
Ion Ratio Lower Upper

114 100

63 20.9 0.0 46.6

88 15.8 0.0 33.2

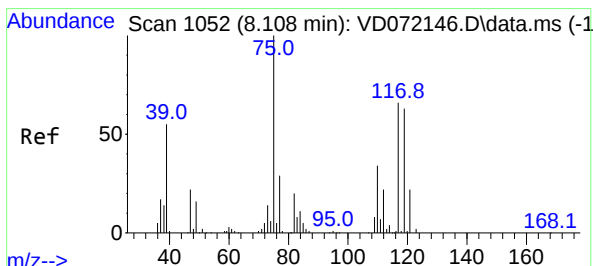
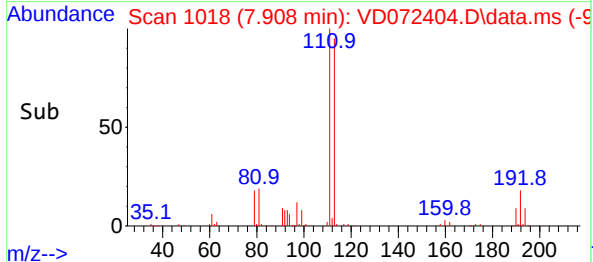
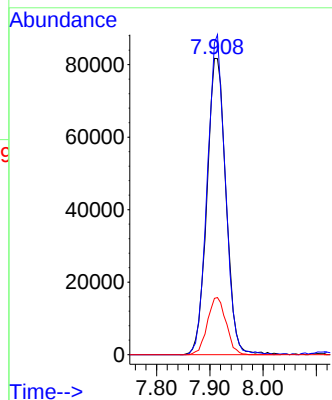
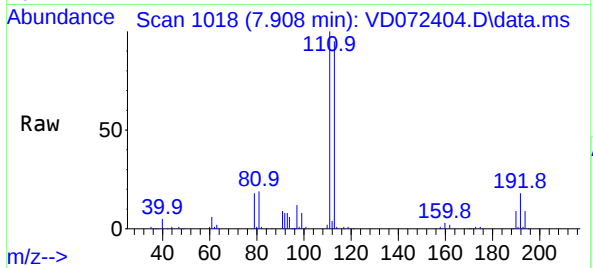




#35
Dibromofluoromethane
Concen: 49.861 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

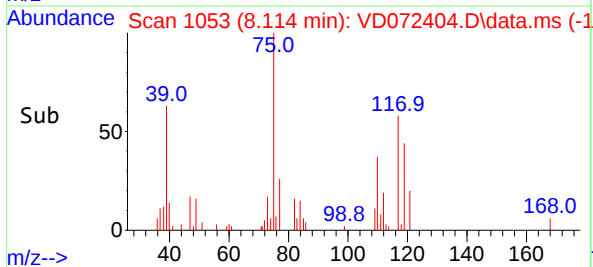
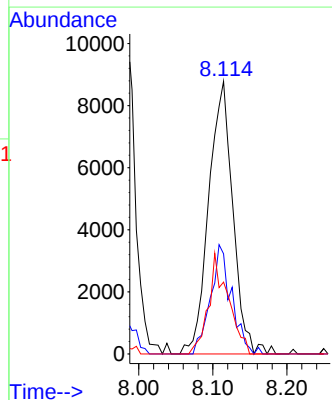
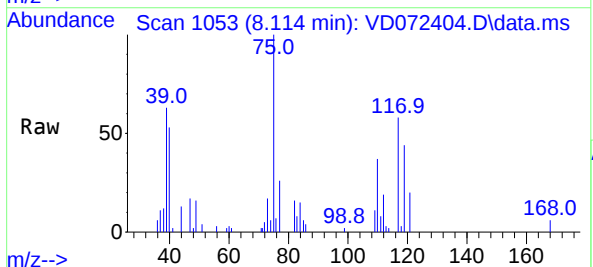
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:113 Resp: 202442
Ion Ratio Lower Upper
113 100
111 101.9 83.8 125.6
192 18.9 14.6 21.8



#36
1,1-Dichloropropene
Concen: 3.496 ug/l
RT: 8.114 min Scan# 1053
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 75 Resp: 19911
Ion Ratio Lower Upper
75 100
110 34.8 16.4 49.1
77 30.3 24.2 36.2





#37

Ethyl Acetate

Concen: 4.158 ug/l

RT: 7.285 min Scan# 912

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

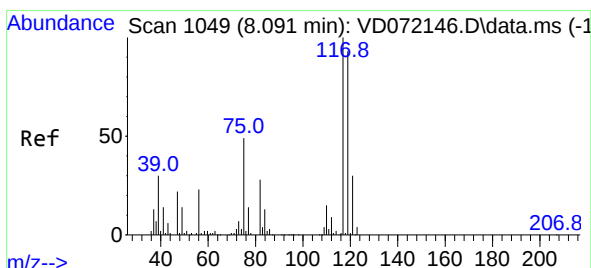
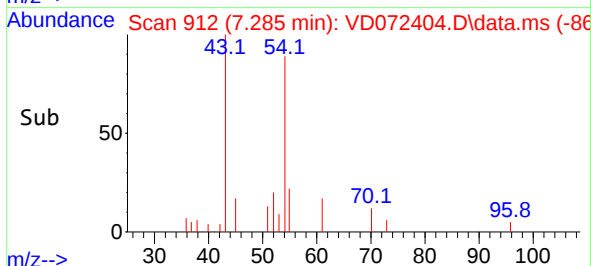
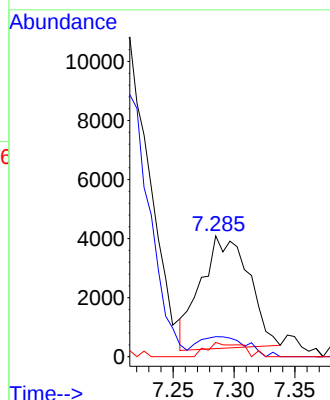
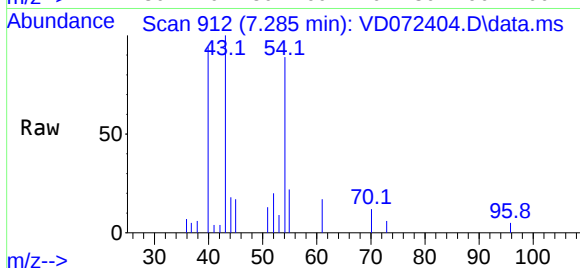
Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 43	Resp: 10374
Ion Ratio	Lower Upper
43	100
61	18.1 9.8 14.8#
70	9.5 6.9 10.3



#38

Carbon Tetrachloride

Concen: 3.654 ug/l

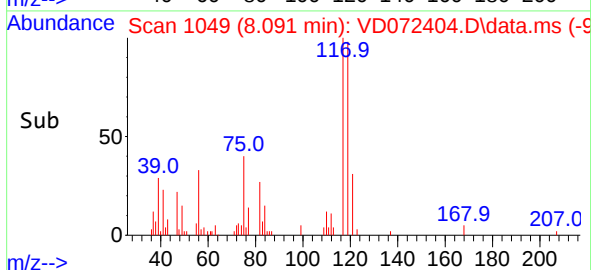
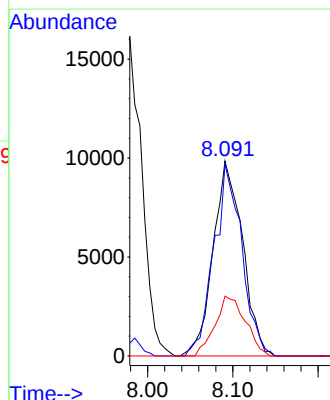
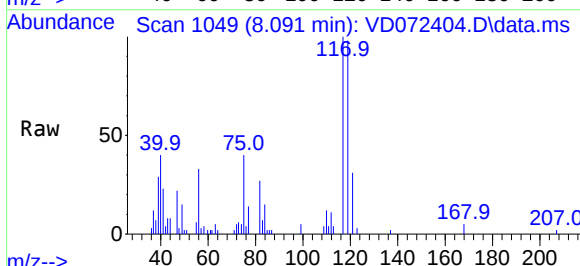
RT: 8.091 min Scan# 1049

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Tgt Ion: 117	Resp: 23658
Ion Ratio	Lower Upper
117	100
119	98.4 75.8 113.6
121	30.7 24.5 36.7





#39

Methylcyclohexane

Concen: 2.934 ug/l

RT: 9.350 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD072404.D

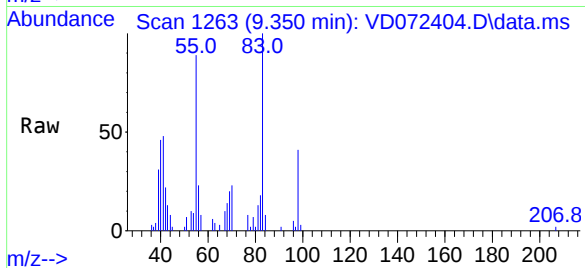
Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



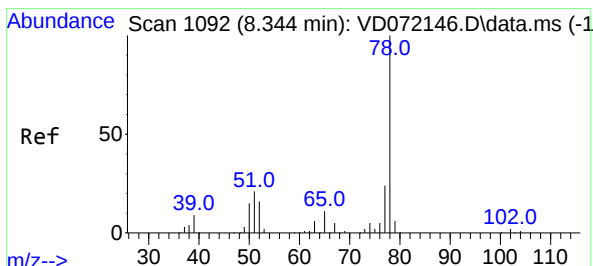
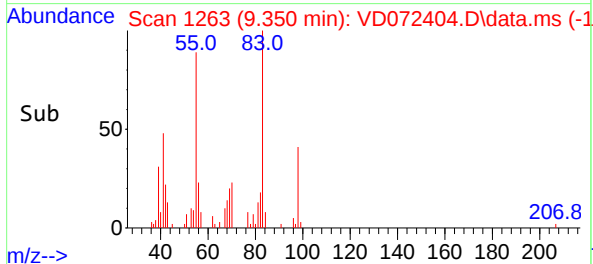
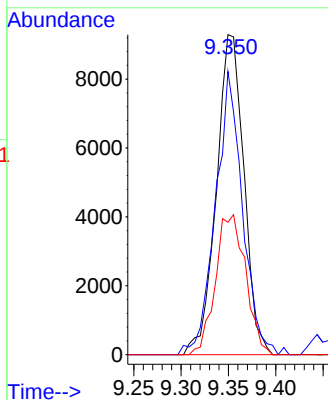
Tgt Ion: 83 Resp: 18808

Ion Ratio Lower Upper

83 100

55 88.5 63.2 94.8

98 41.4 38.2 57.4



#40

Benzene

Concen: 3.908 ug/l

RT: 8.350 min Scan# 1093

Delta R.T. 0.006 min

Lab File: VD072404.D

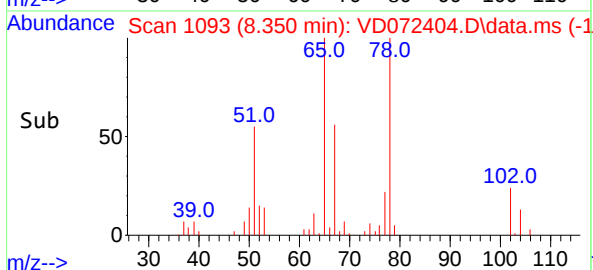
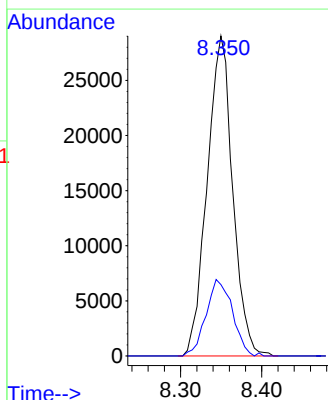
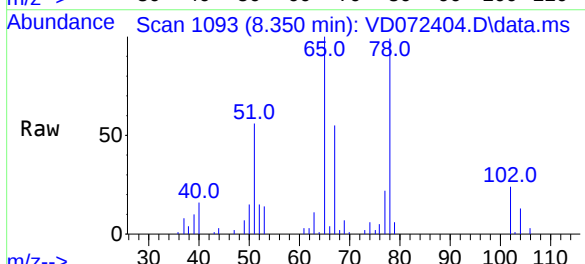
Acq: 24 Mar 2022 13:32

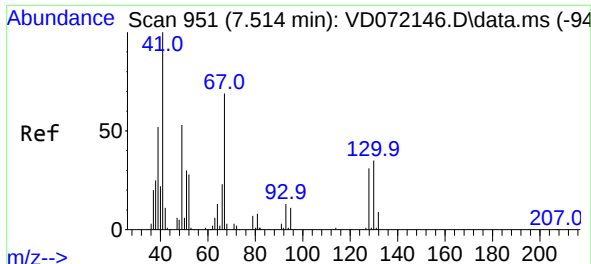
Tgt Ion: 78 Resp: 63507

Ion Ratio Lower Upper

78 100

77 22.3 19.1 28.7

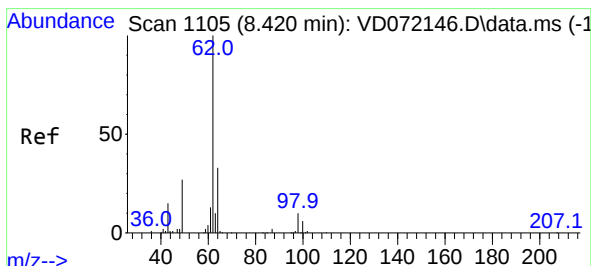
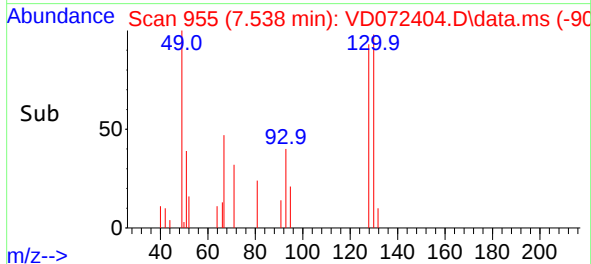
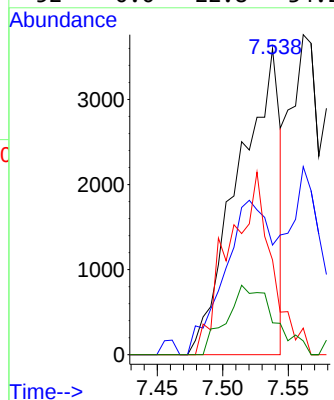
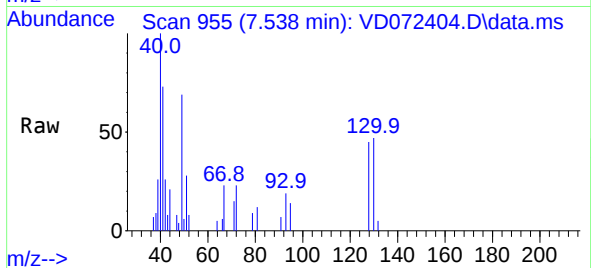




#41
Methacrylonitrile
Concen: 5.496 ug/l
RT: 7.538 min Scan# 91
Delta R.T. 0.024 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

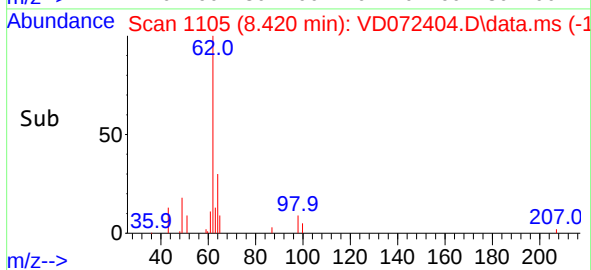
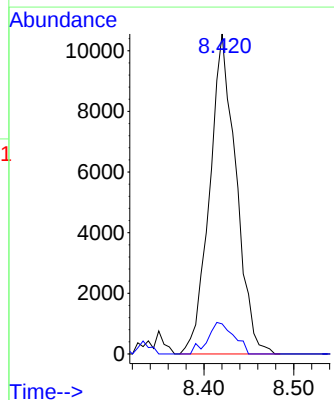
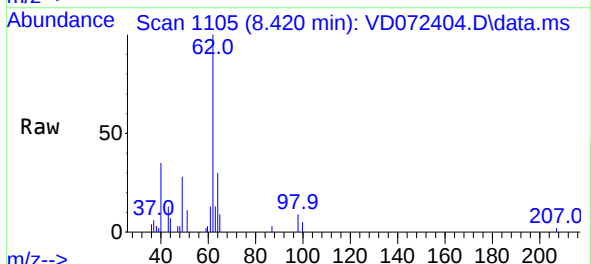
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:	41	Resp:	7993
Ion	Ratio	Lower	Upper
41	100		
39	0.0	44.6	67.0#
67	0.0	48.2	72.4#
52	0.0	22.8	34.2#



#42
1,2-Dichloroethane
Concen: 4.383 ug/l
RT: 8.420 min Scan# 1105
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:	62	Resp:	21604
Ion	Ratio	Lower	Upper
62	100		
98	9.7	0.0	17.6

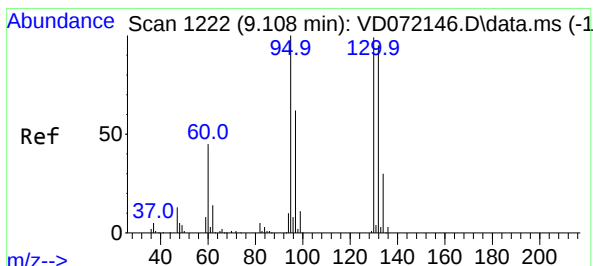
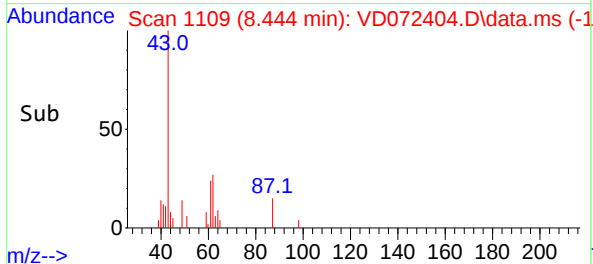
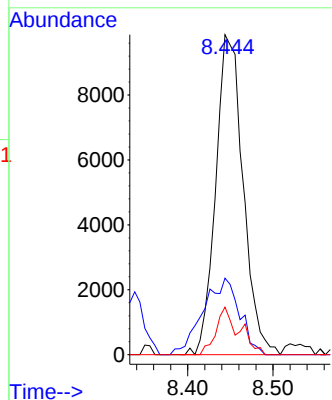
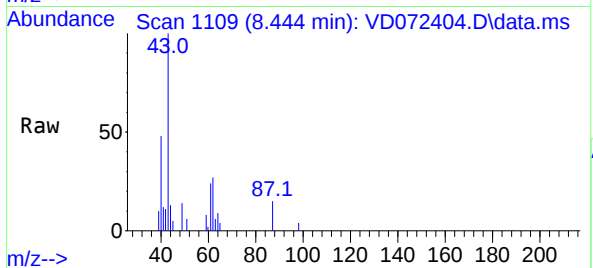




#43
Isopropyl Acetate
Concen: 4.545 ug/l
RT: 8.444 min Scan# 1109
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

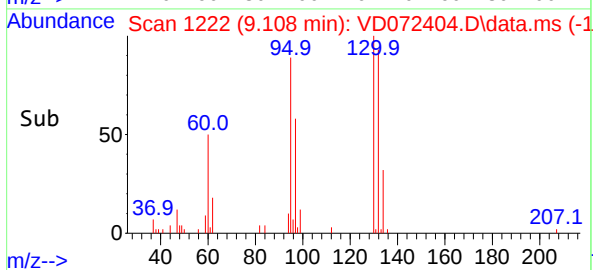
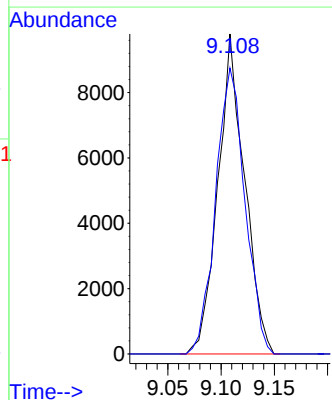
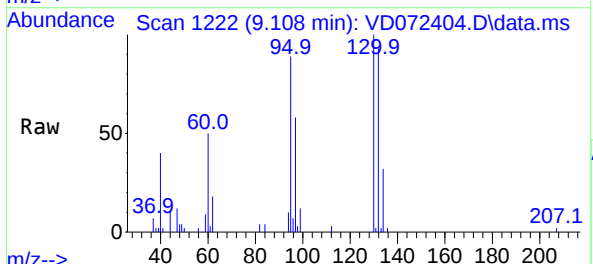
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

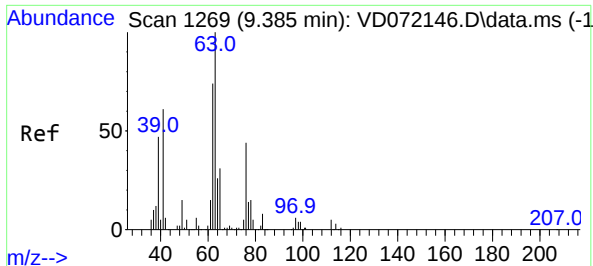
Tgt Ion:	43	Resp:	22010
Ion	Ratio	Lower	Upper
43	100		
61	31.8	22.4	33.6
87	12.6	8.7	13.1



#44
Trichloroethene
Concen: 3.740 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:	130	Resp:	17061
Ion	Ratio	Lower	Upper
130	100		
95	89.3	0.0	205.4





#45

1,2-Dichloropropane

Concen: 4.272 ug/l

RT: 9.385 min Scan# 1269

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

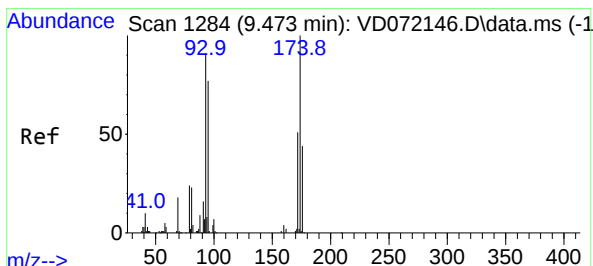
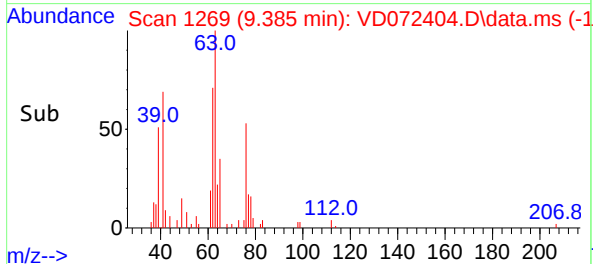
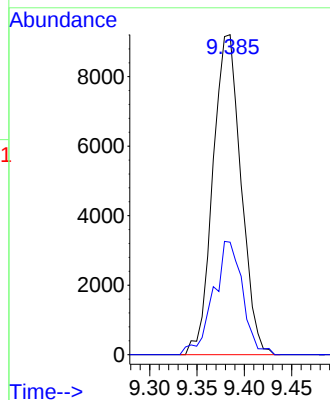
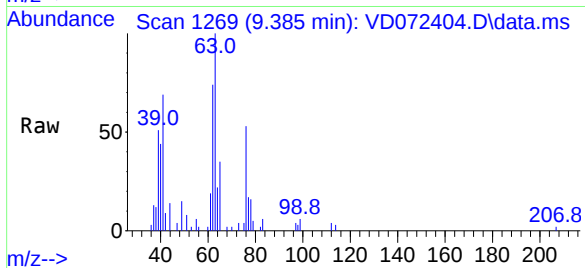
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 63 Resp: 19040

Ion Ratio Lower Upper

63 100

65 35.2 26.2 39.4



#46

Dibromomethane

Concen: 4.229 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

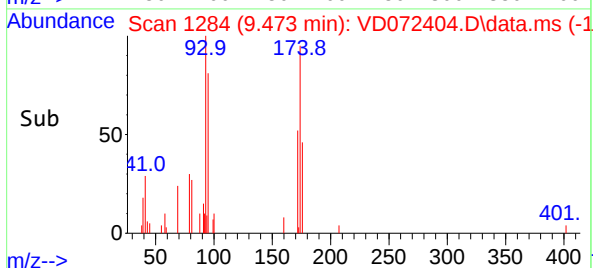
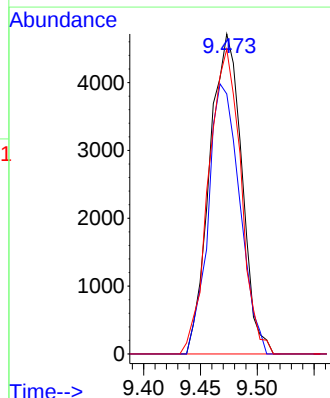
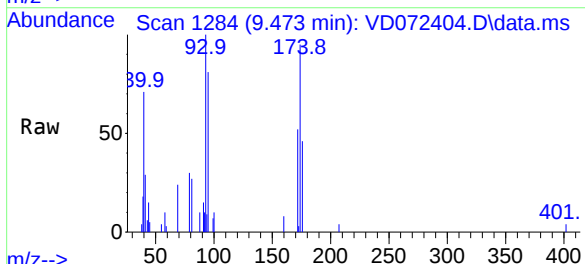
Tgt Ion: 93 Resp: 9270

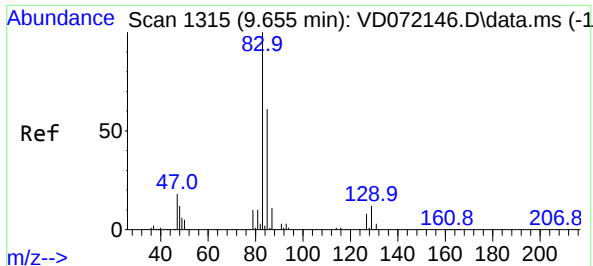
Ion Ratio Lower Upper

93 100

95 82.9 66.7 100.1

174 95.3 71.6 107.4

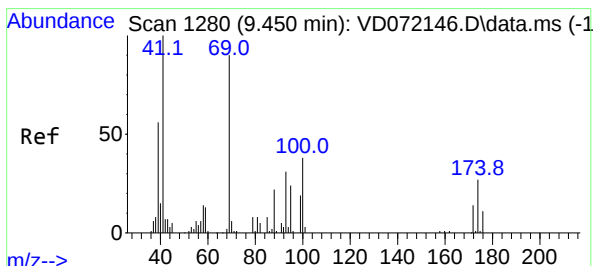
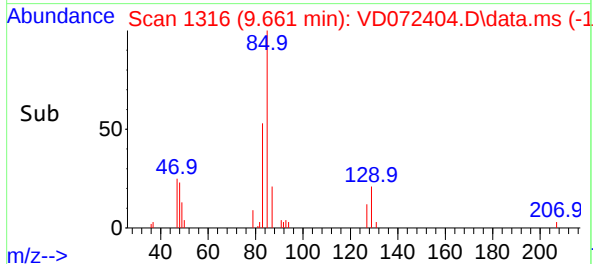
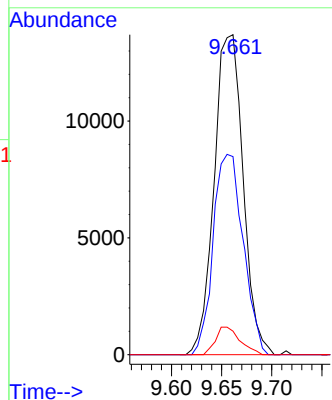
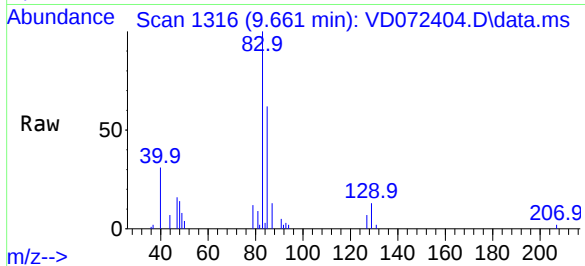




#47
Bromodichloromethane
Concen: 4.308 ug/l
RT: 9.661 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

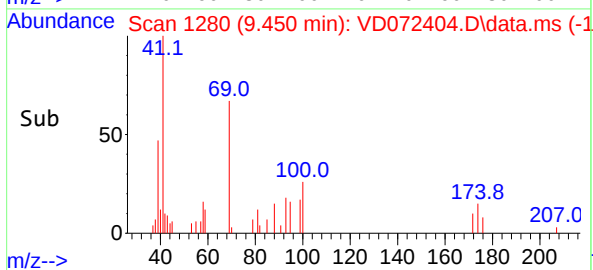
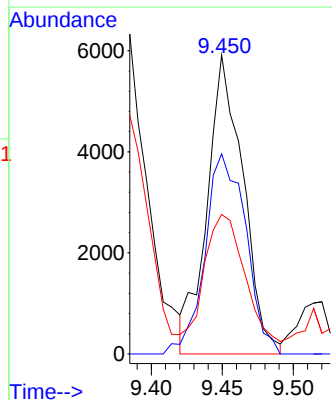
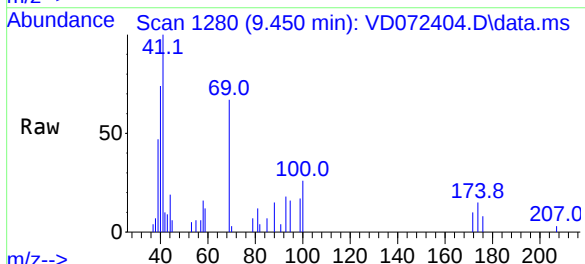
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

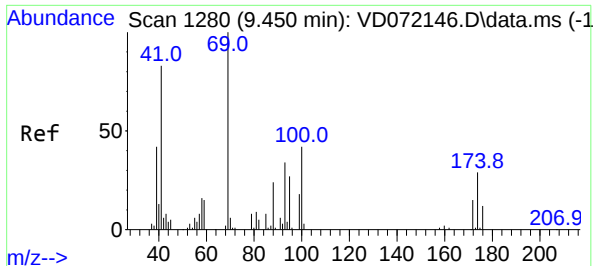
Tgt Ion: 83 Resp: 27531
Ion Ratio Lower Upper
83 100
85 61.9 51.4 77.0
127 7.4 6.1 9.1



#48
Methyl methacrylate
Concen: 4.503 ug/l
RT: 9.450 min Scan# 1280
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 41 Resp: 10412
Ion Ratio Lower Upper
41 100
69 76.1 56.7 85.1
39 55.7 42.7 64.1

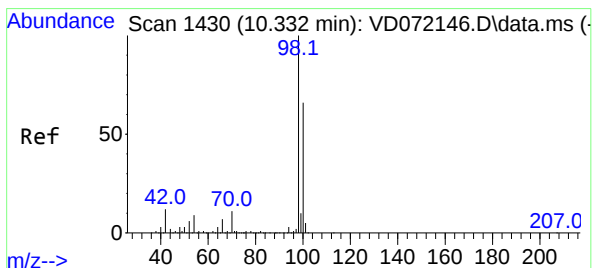
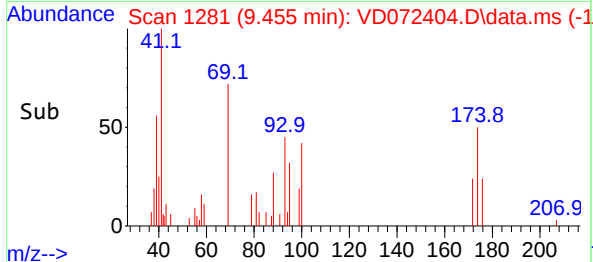
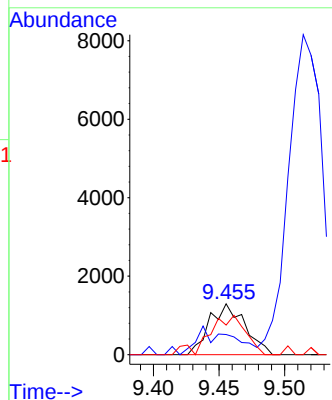
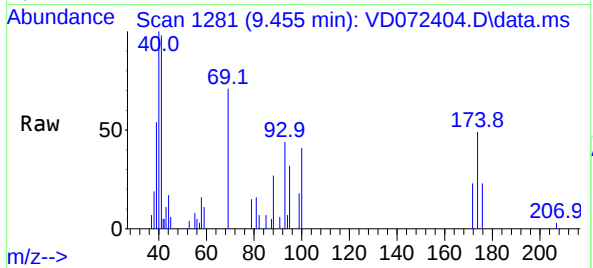




#49
1,4-Dioxane
Concen: 93.124 ug/l
RT: 9.455 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

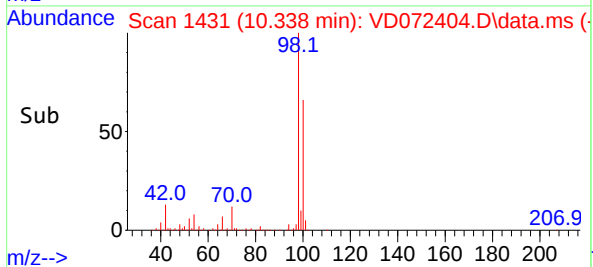
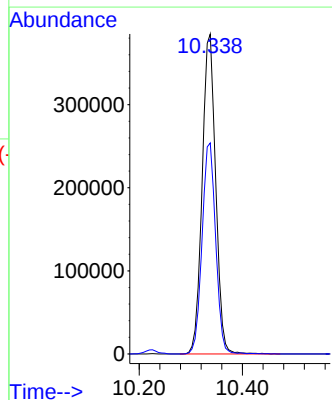
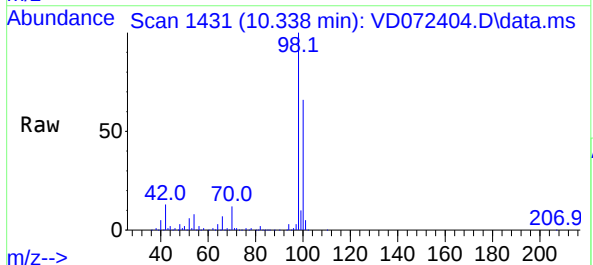
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

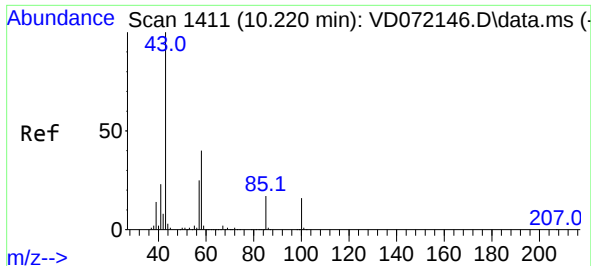
Tgt Ion: 88 Resp: 2448
Ion Ratio Lower Upper
88 100
43 0.0 31.0 46.4#
58 79.0 58.1 87.1



#50
Toluene-d8
Concen: 46.947 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 98 Resp: 696970
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6

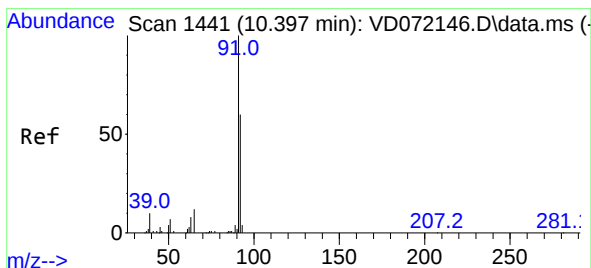
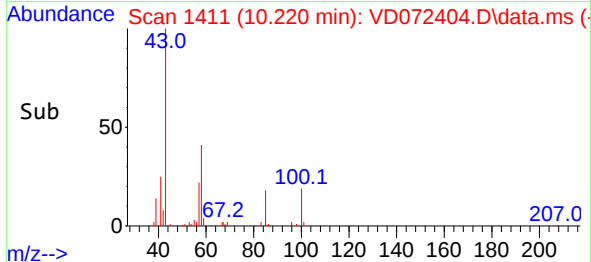
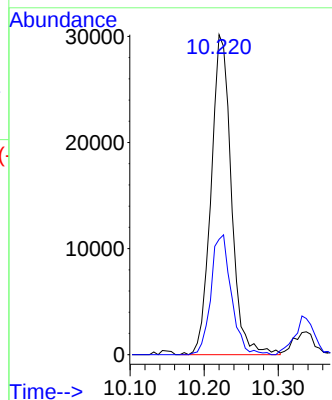
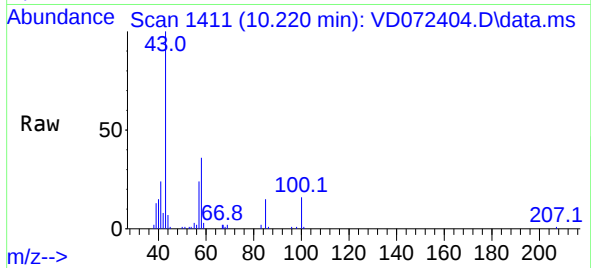




#51
4-Methyl-2-Pentanone
Concen: 22.452 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

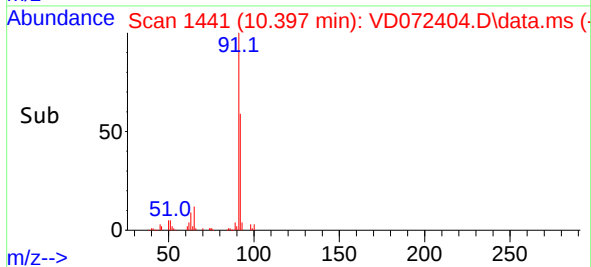
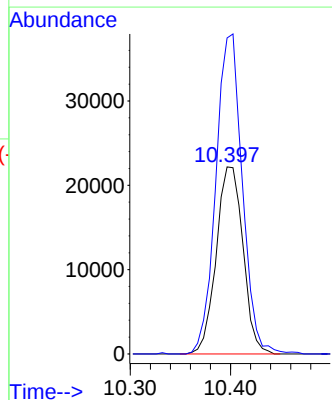
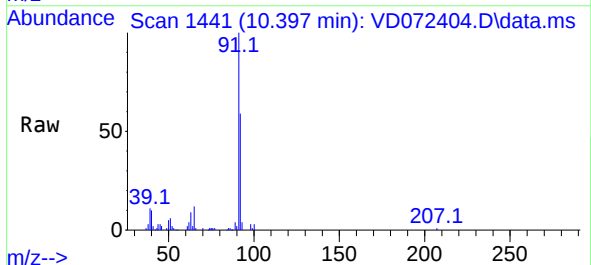
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

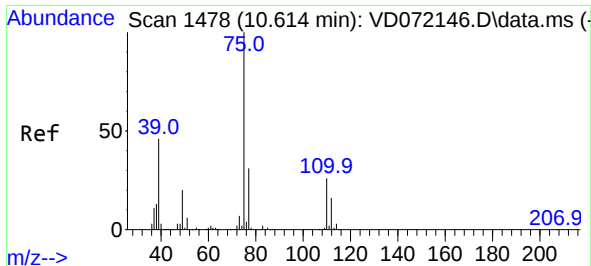
Tgt Ion: 43 Resp: 57105
Ion Ratio Lower Upper
43 100
58 37.8 28.6 43.0



#52
Toluene
Concen: 3.845 ug/l
RT: 10.397 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 92 Resp: 41112
Ion Ratio Lower Upper
92 100
91 169.5 139.6 209.4

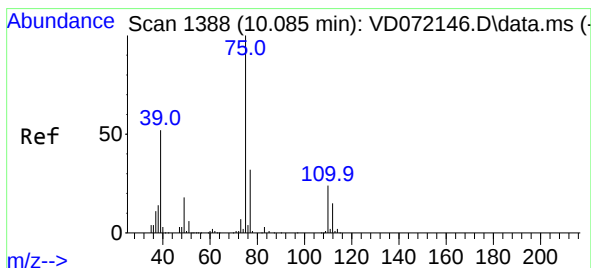
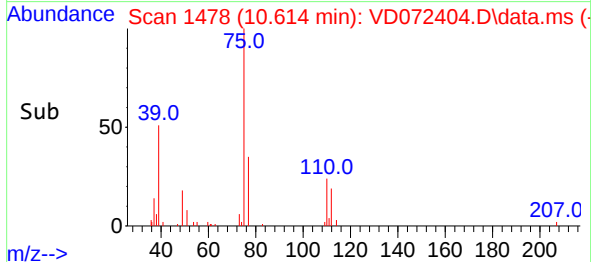
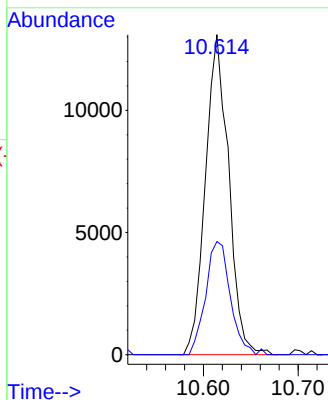
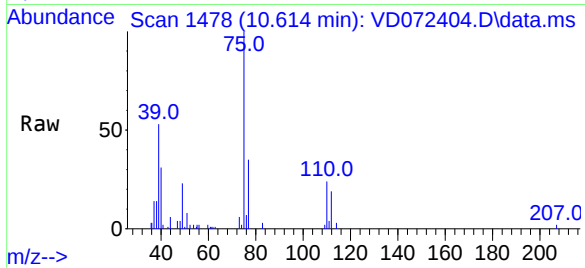




#53
t-1,3-Dichloropropene
Concen: 3.823 ug/l
RT: 10.614 min Scan# 1478
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

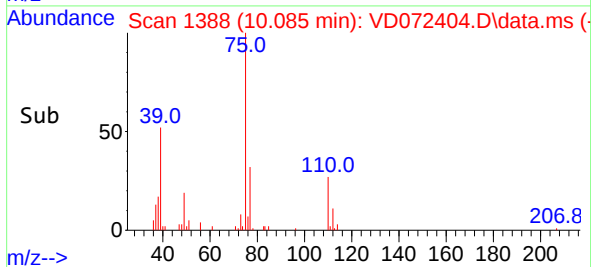
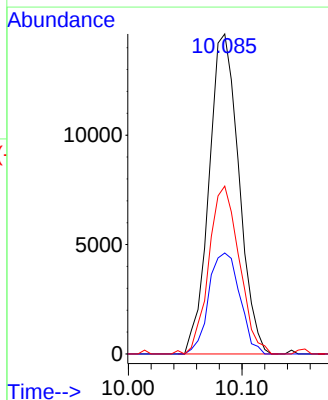
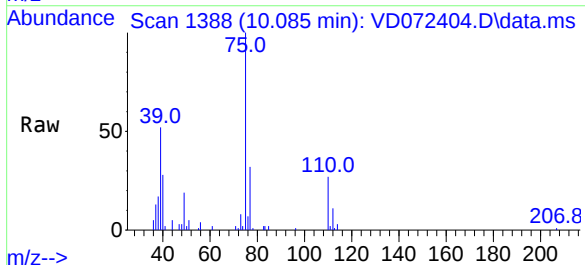
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

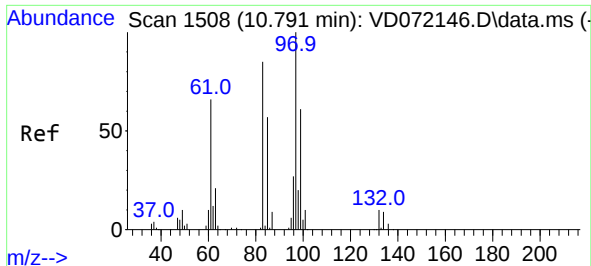
Tgt Ion: 75 Resp: 22320
Ion Ratio Lower Upper
75 100
77 35.3 24.5 36.7



#54
cis-1,3-Dichloropropene
Concen: 3.967 ug/l
RT: 10.085 min Scan# 1388
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 75 Resp: 26775
Ion Ratio Lower Upper
75 100
77 31.5 24.8 37.2
39 52.5 46.8 70.2

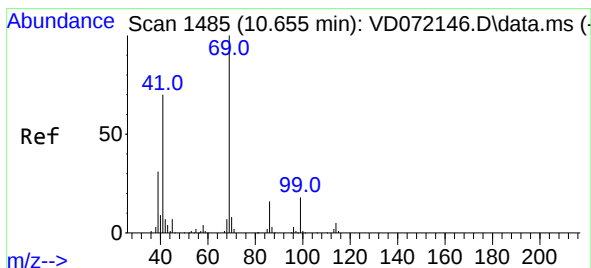
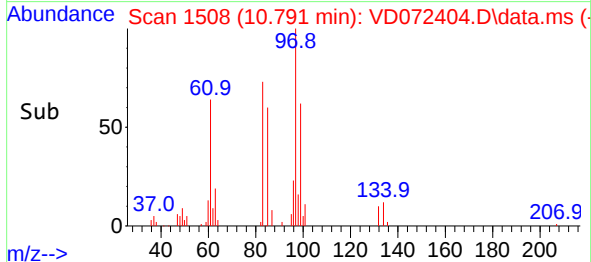
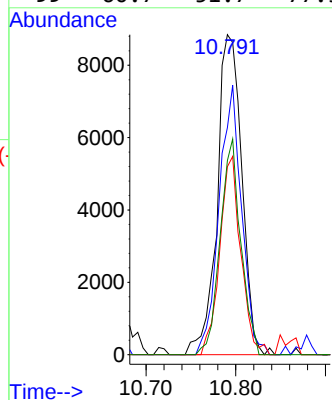
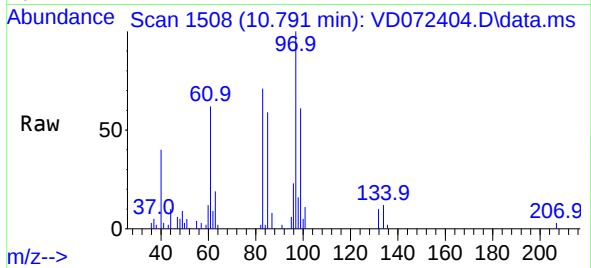




#55
1,1,2-Trichloroethane
Concen: 5.060 ug/l
RT: 10.791 min Scan# 1508
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

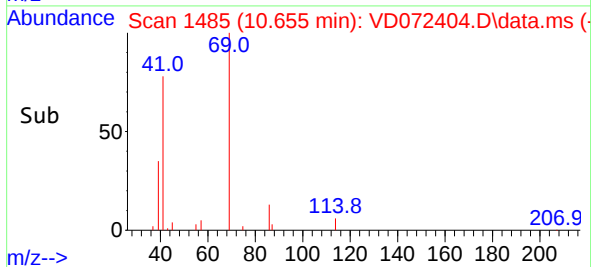
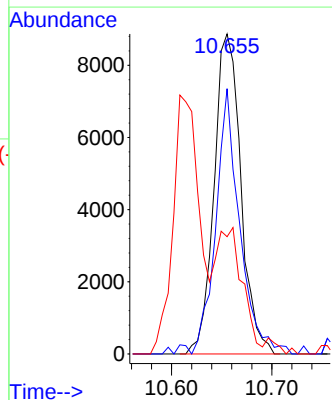
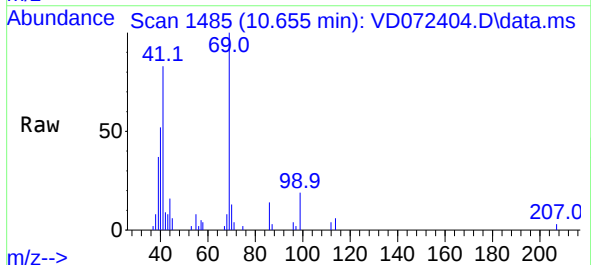
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

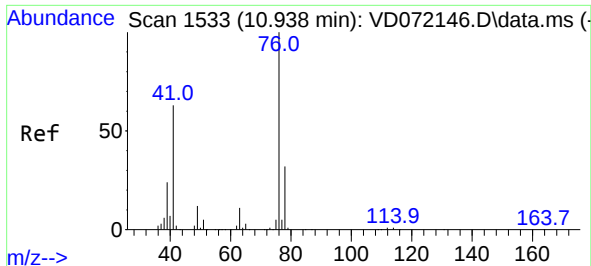
Tgt Ion:	97	Resp:	16898
Ion	Ratio	Lower	Upper
97	100		
83	70.9	69.0	103.4
85	58.8	42.6	63.8
99	60.7	51.7	77.5



#56
Ethyl methacrylate
Concen: 4.201 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:	69	Resp:	16432
Ion	Ratio	Lower	Upper
69	100		
41	75.5	63.0	94.6
39	39.3	33.8	50.8





#57

1,3-Dichloropropane

Concen: 4.472 ug/l

RT: 10.938 min Scan# 1533

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

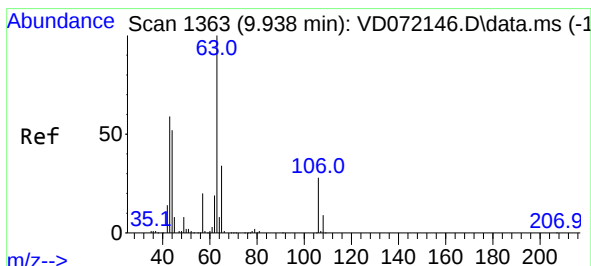
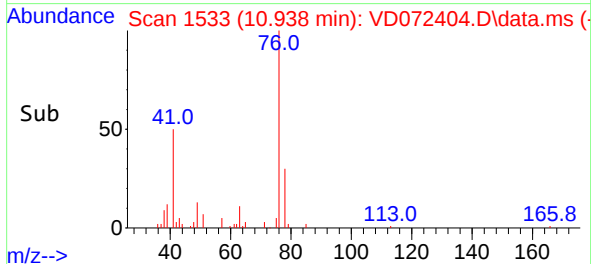
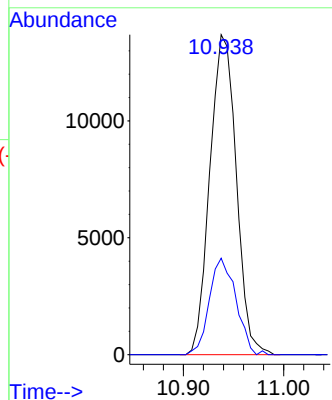
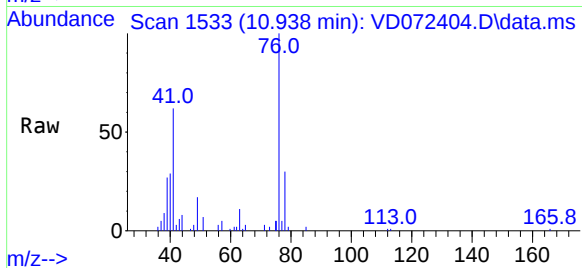
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion: 76 Resp: 25063

Ion Ratio Lower Upper

76 100

78 30.4 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 13.282 ug/l

RT: 9.938 min Scan# 1363

Delta R.T. -0.000 min

Lab File: VD072404.D

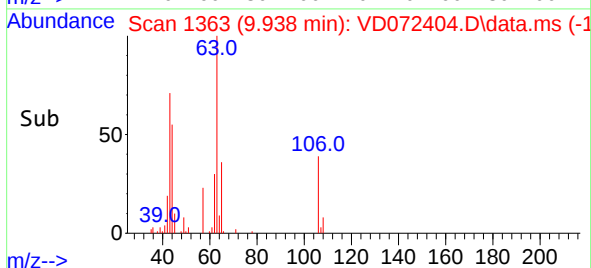
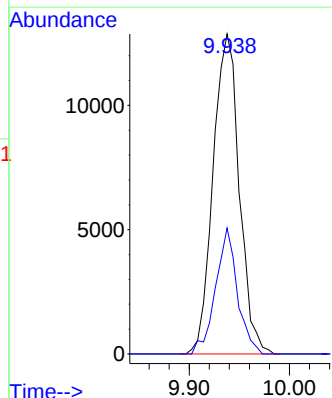
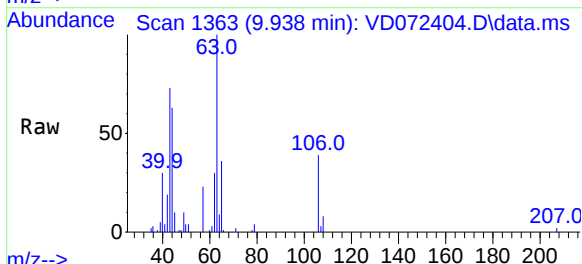
Acq: 24 Mar 2022 13:32

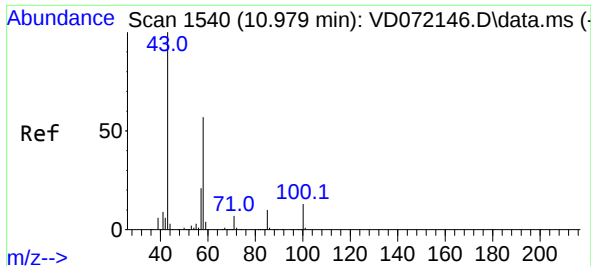
Tgt Ion: 63 Resp: 23358

Ion Ratio Lower Upper

63 100

106 32.7 21.4 32.0#

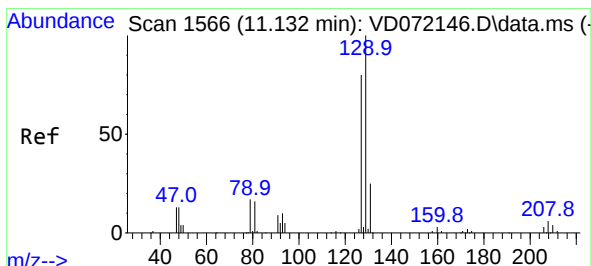
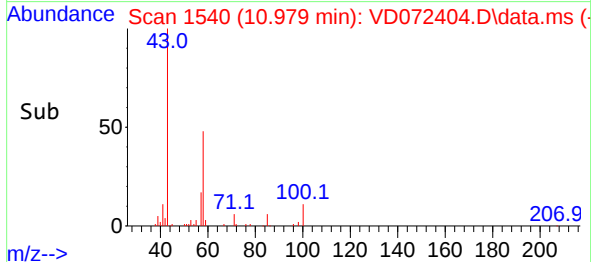
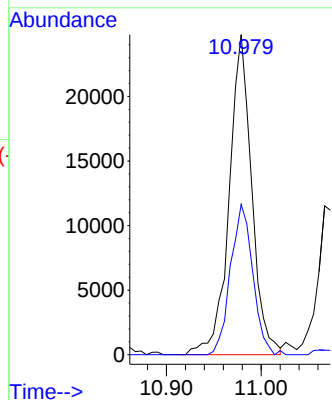
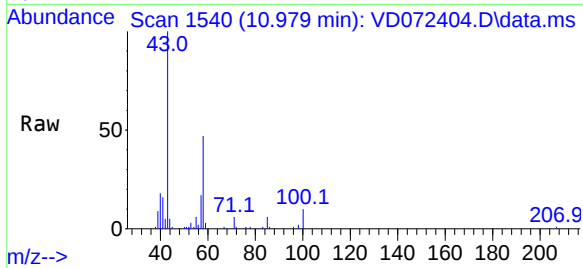




#59
2-Hexanone
Concen: 23.407 ug/l
RT: 10.979 min Scan# 1540
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

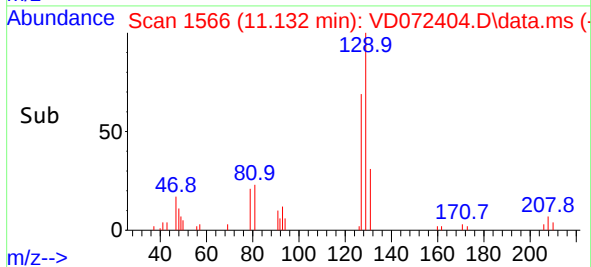
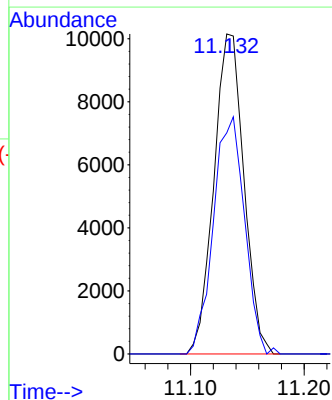
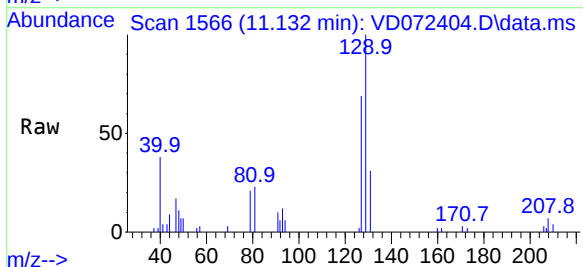
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

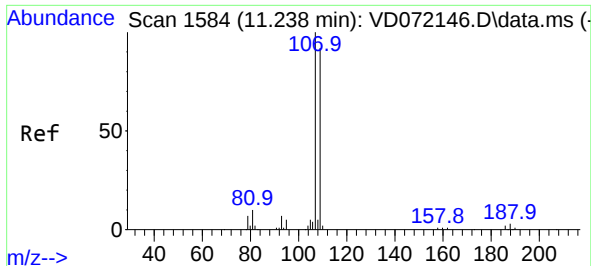
Tgt Ion: 43 Resp: 41120
Ion Ratio Lower Upper
43 100
58 46.2 25.3 75.9



#60
Dibromochloromethane
Concen: 4.309 ug/l
RT: 11.132 min Scan# 1566
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 129 Resp: 18672
Ion Ratio Lower Upper
129 100
127 76.7 39.2 117.6

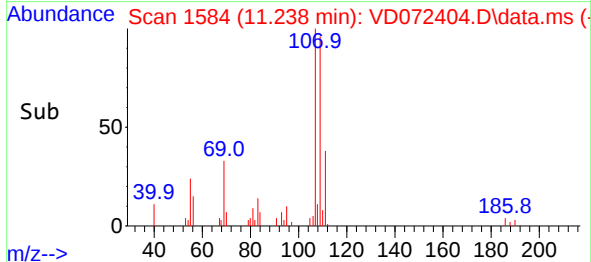
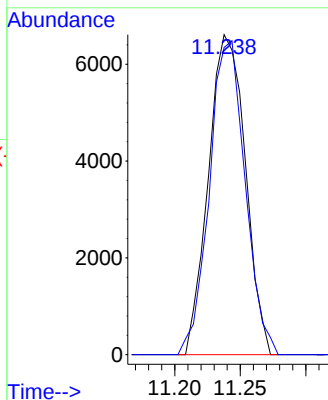
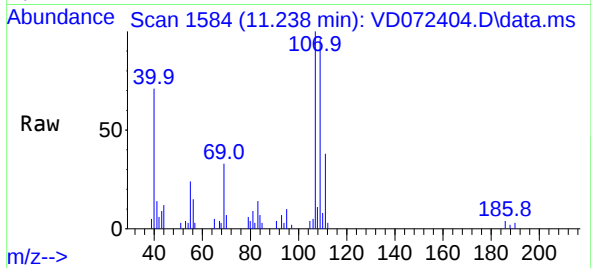




#61
1,2-Dibromoethane
Concen: 4.281 ug/l
RT: 11.238 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

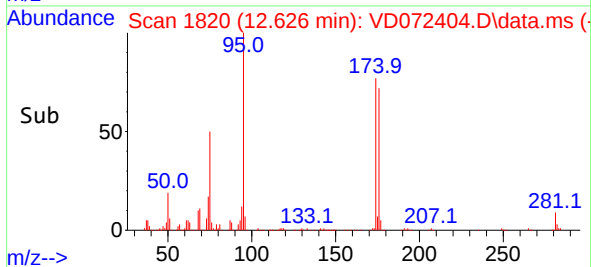
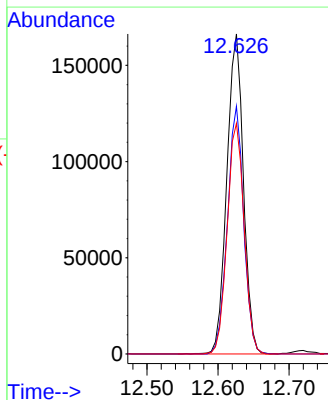
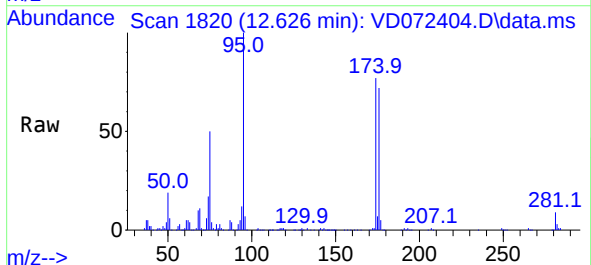
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

Tgt Ion:107 Resp: 12918
Ion Ratio Lower Upper
107 100
109 95.3 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 46.728 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 95 Resp: 269546
Ion Ratio Lower Upper
95 100
174 75.9 0.0 152.8
176 73.4 0.0 145.4

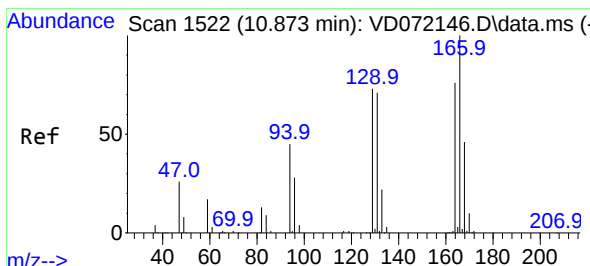
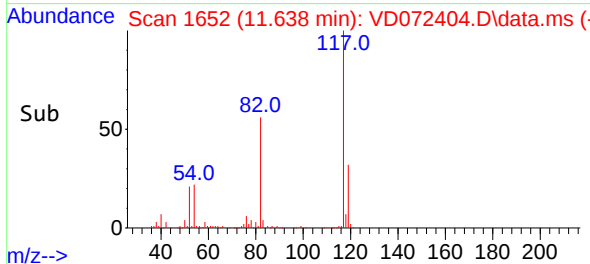
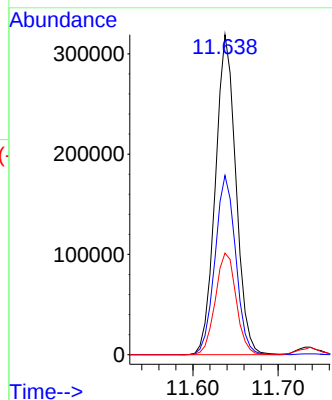
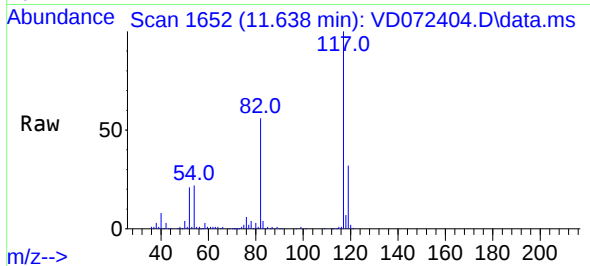




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

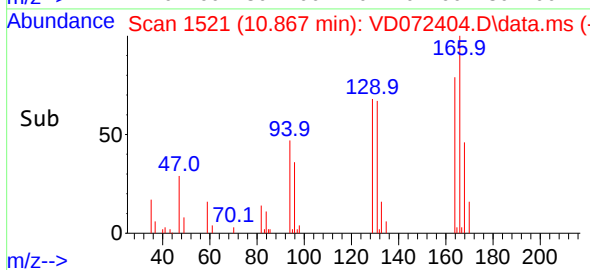
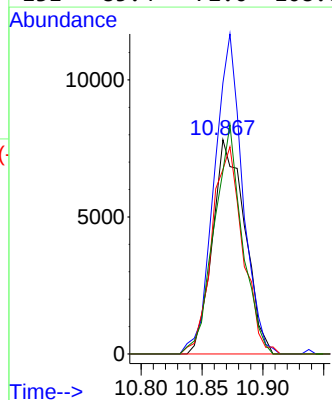
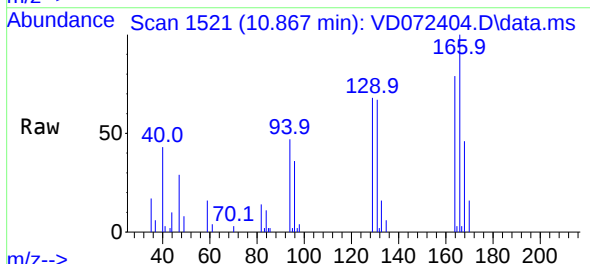
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

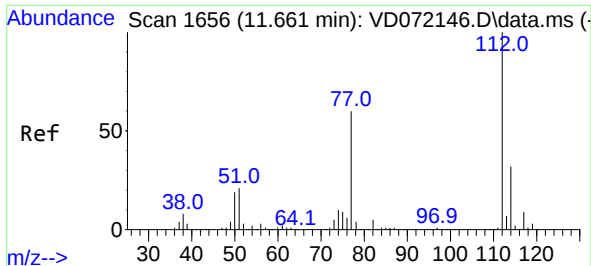
Tgt Ion:117 Resp: 534411
Ion Ratio Lower Upper
117 100
82 56.0 45.3 67.9
119 31.8 26.6 40.0



#64
Tetrachloroethene
Concen: 3.819 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:164 Resp: 14379
Ion Ratio Lower Upper
164 100
166 126.5 98.5 147.7
129 86.1 74.6 111.8
131 85.4 72.0 108.0

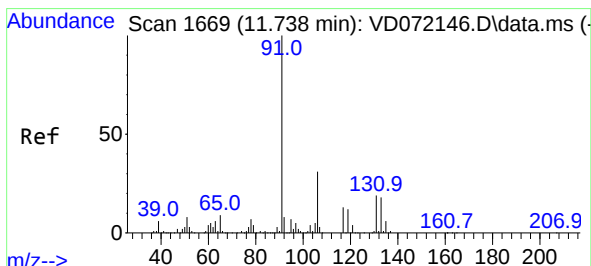
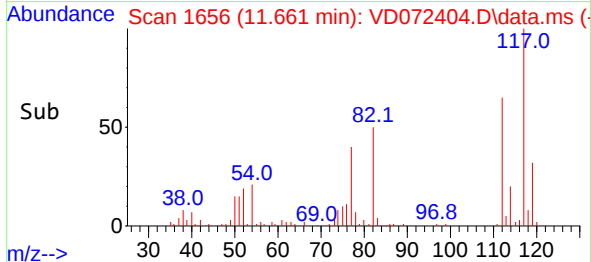
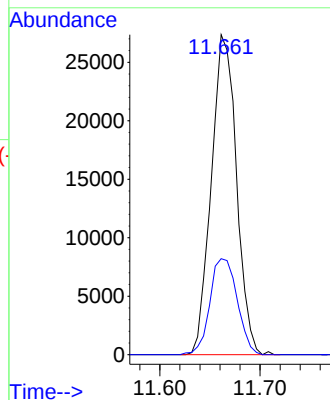
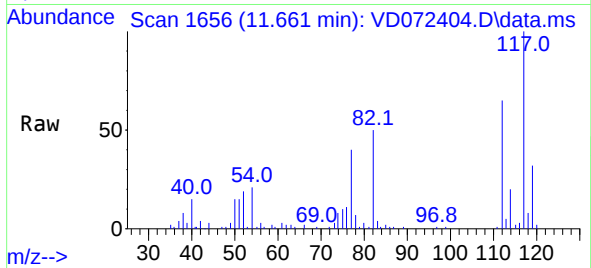




#65
Chlorobenzene
Concen: 4.032 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

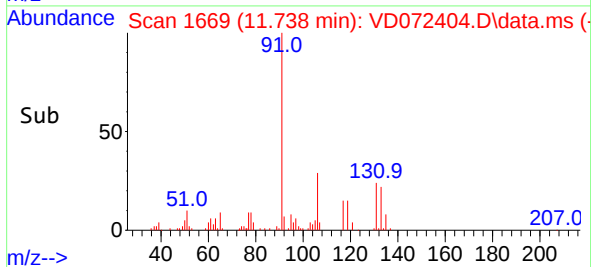
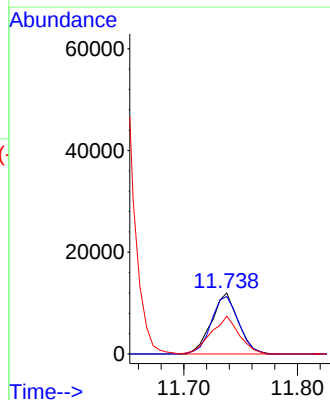
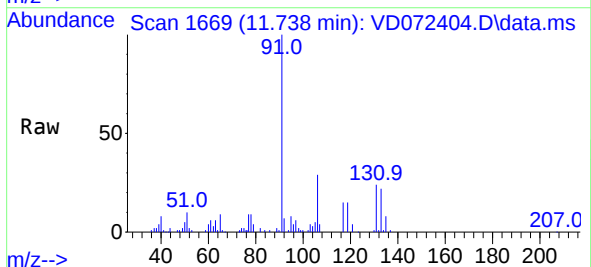
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

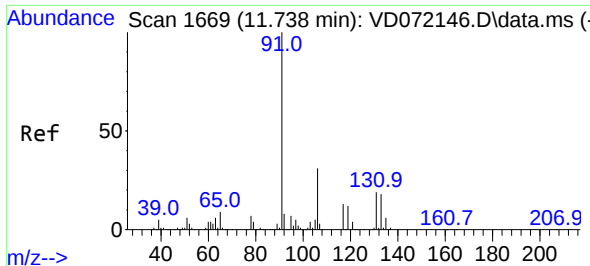
Tgt Ion:112 Resp: 47766
Ion Ratio Lower Upper
112 100
114 30.0 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 4.163 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:131 Resp: 19503
Ion Ratio Lower Upper
131 100
133 97.4 48.1 144.3
119 65.0 31.9 95.9

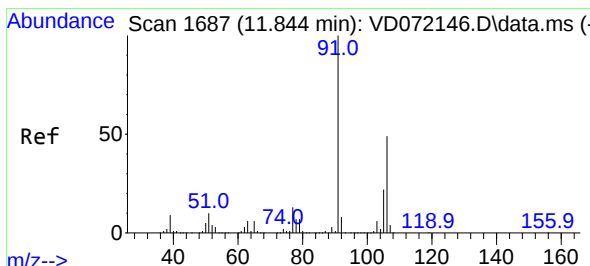
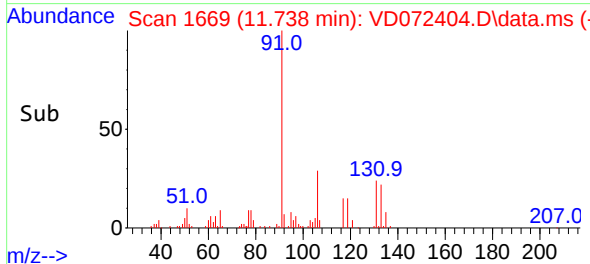
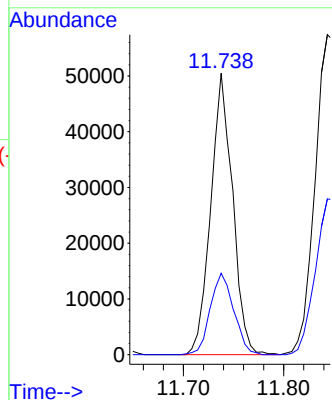
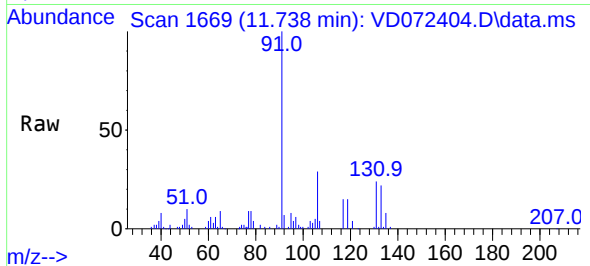




#67
Ethyl Benzene
Concen: 3.614 ug/l
RT: 11.738 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

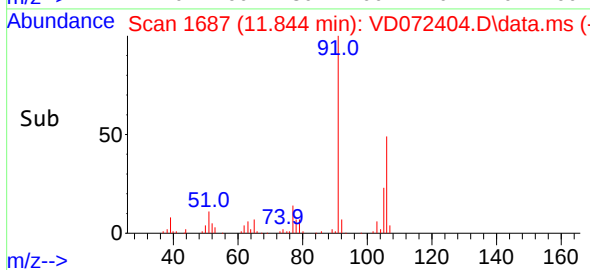
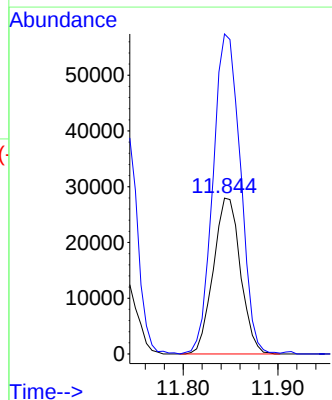
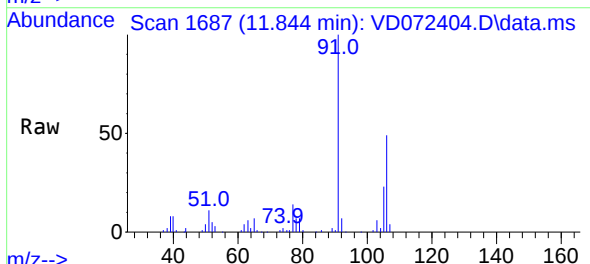
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

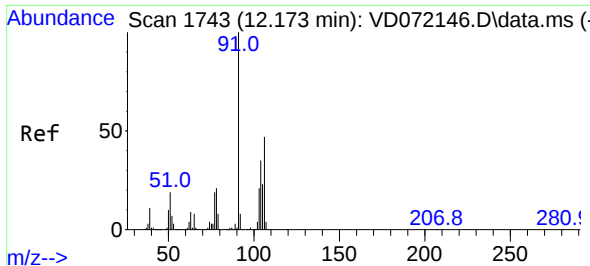
Tgt Ion: 91 Resp: 76481
Ion Ratio Lower Upper
91 100
106 28.9 24.2 36.4



#68
m/p-Xylenes
Concen: 6.920 ug/l
RT: 11.844 min Scan# 1687
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 106 Resp: 55605
Ion Ratio Lower Upper
106 100
91 207.8 163.7 245.5

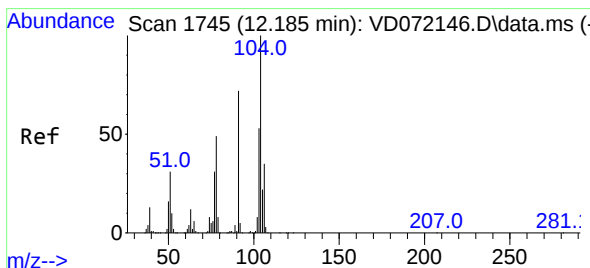
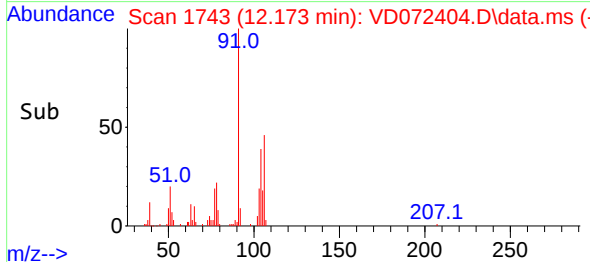
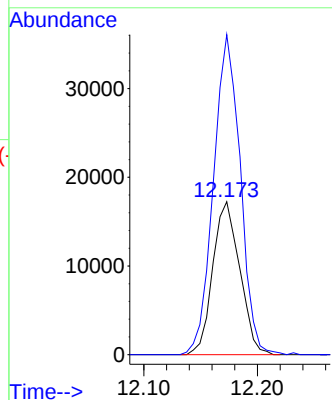
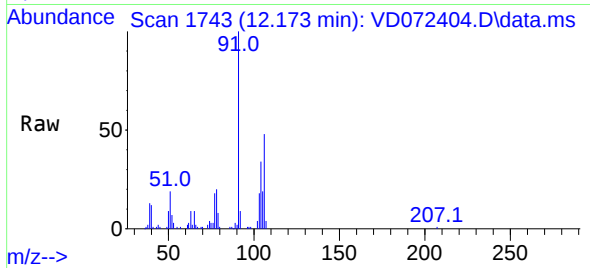




#69
o-Xylene
Concen: 3.701 ug/l
RT: 12.173 min Scan# 1743
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

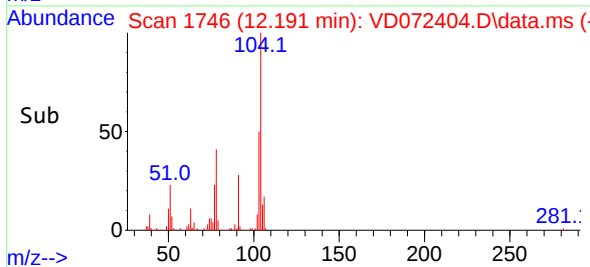
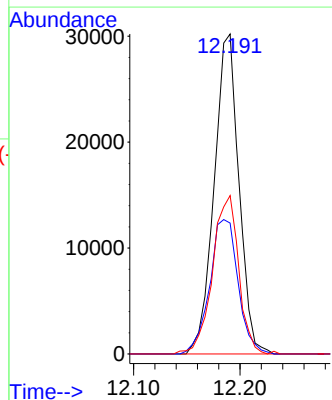
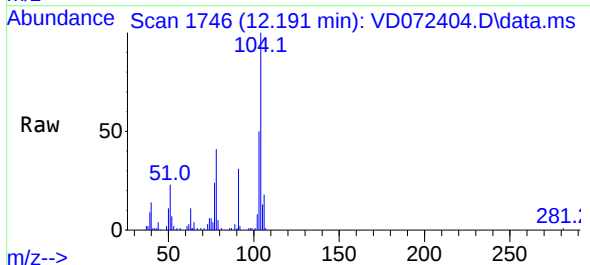
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

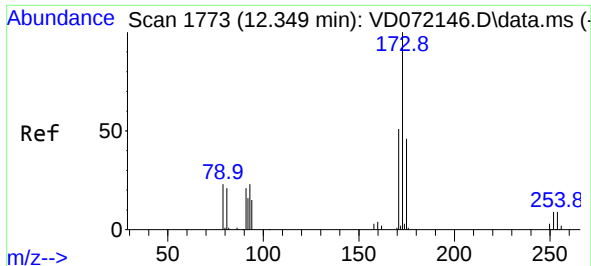
Tgt Ion:106 Resp: 28441
Ion Ratio Lower Upper
106 100
91 208.4 110.4 331.2



#70
Styrene
Concen: 3.632 ug/l
RT: 12.191 min Scan# 1746
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:104 Resp: 48748
Ion Ratio Lower Upper
104 100
78 48.3 41.8 62.8
103 52.1 44.2 66.4

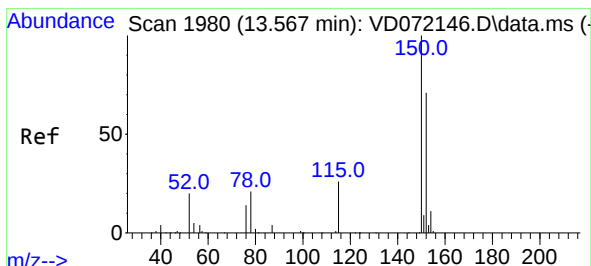
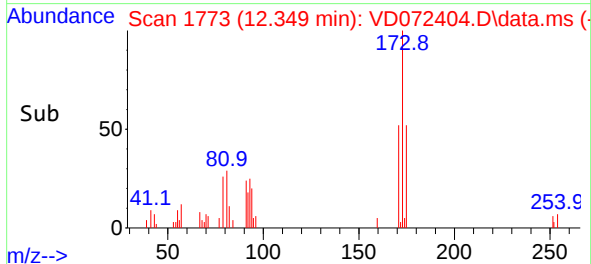
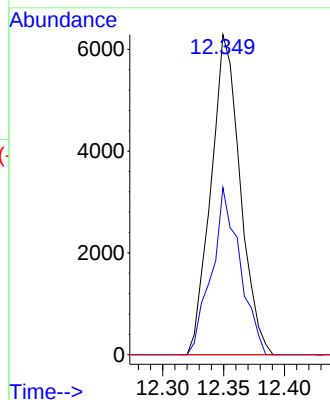
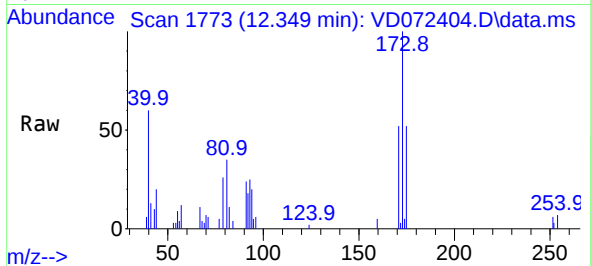




#71
Bromoform
Concen: 4.194 ug/l
RT: 12.349 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

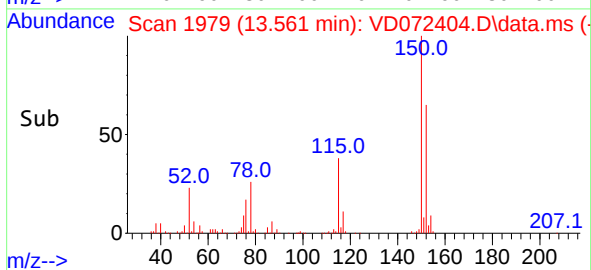
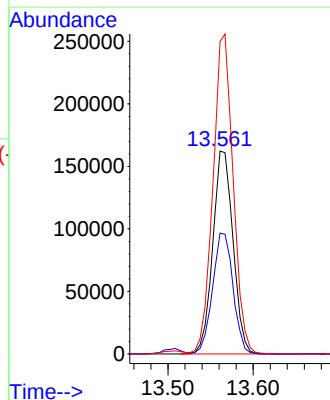
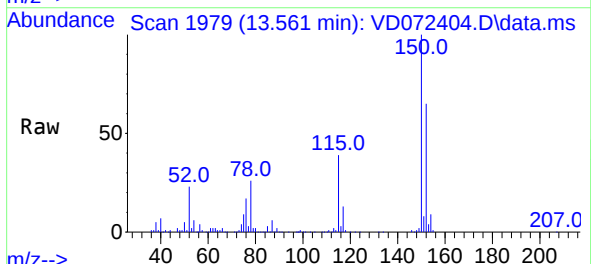
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

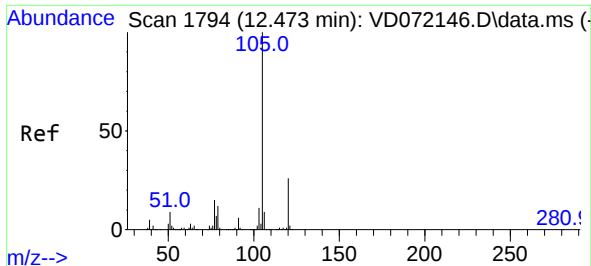
Tgt Ion:173 Resp: 10495
Ion Ratio Lower Upper
173 100
175 50.5 23.9 71.8
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:152 Resp: 268011
Ion Ratio Lower Upper
152 100
115 60.1 31.3 93.8
150 157.0 0.0 348.6

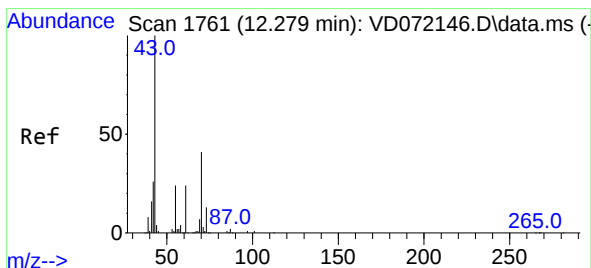
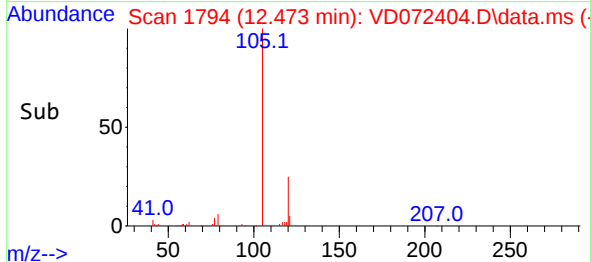
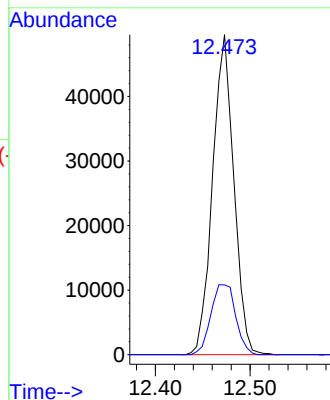
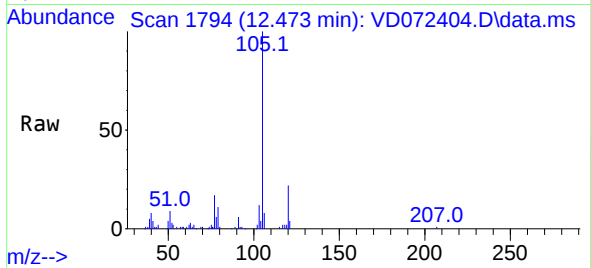




#73
Isopropylbenzene
Concen: 3.630 ug/l
RT: 12.473 min Scan# 1794
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

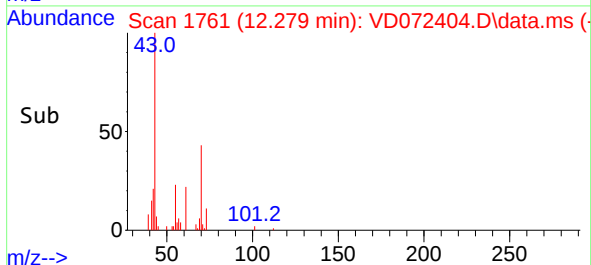
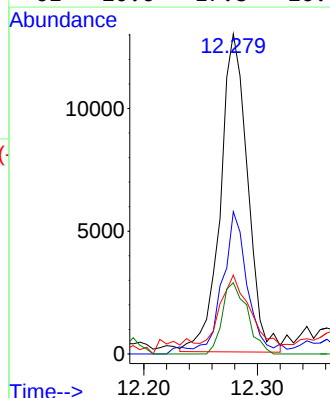
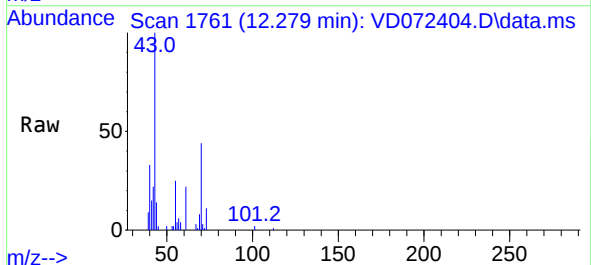
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

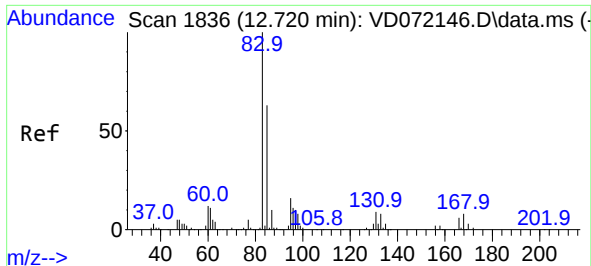
Tgt Ion:105 Resp: 77104
Ion Ratio Lower Upper
105 100
120 25.6 13.0 38.9



#74
N-ethyl acetate
Concen: 4.739 ug/l
RT: 12.279 min Scan# 1761
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 43 Resp: 21629
Ion Ratio Lower Upper
43 100
70 37.2 31.3 46.9
55 30.7 20.0 30.0#
61 20.6 17.8 26.8

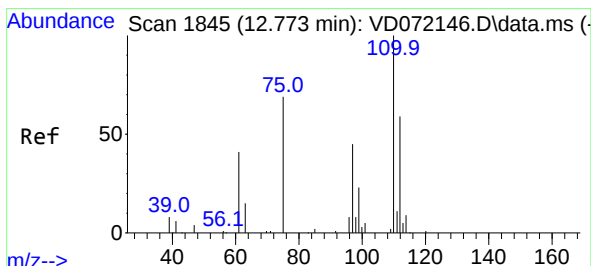
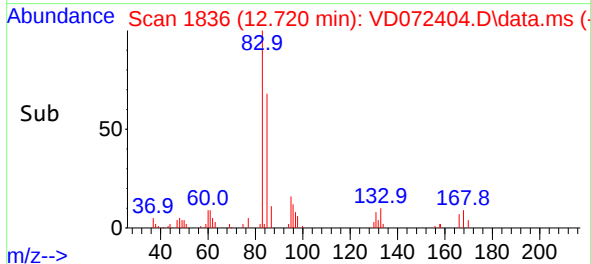
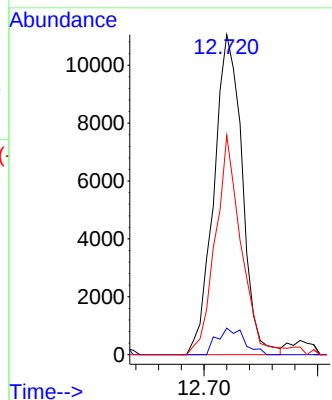
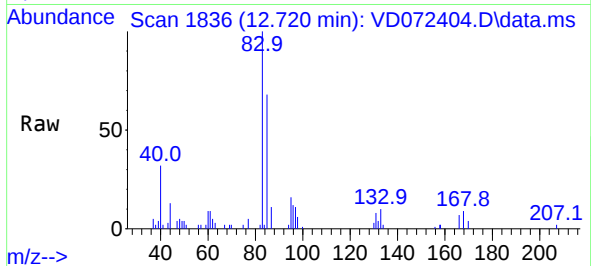




#75
1,1,2,2-Tetrachloroethane
Concen: 5.037 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

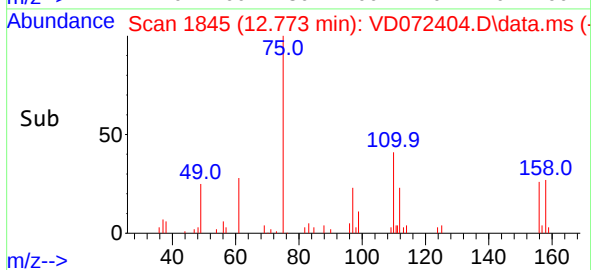
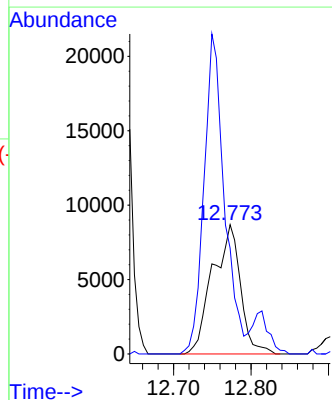
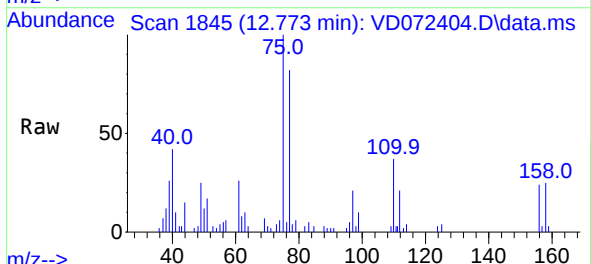
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

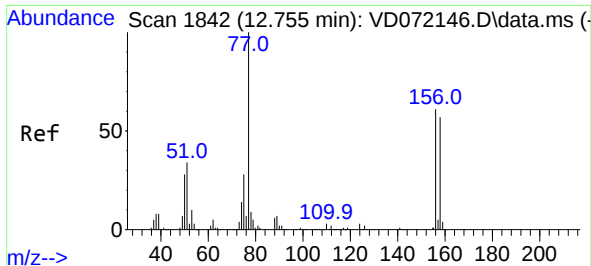
Tgt Ion: 83 Resp: 19133
Ion Ratio Lower Upper
83 100
131 8.0 5.0 14.9
85 62.7 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 7.371 ug/l
RT: 12.773 min Scan# 1845
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 75 Resp: 21793
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0

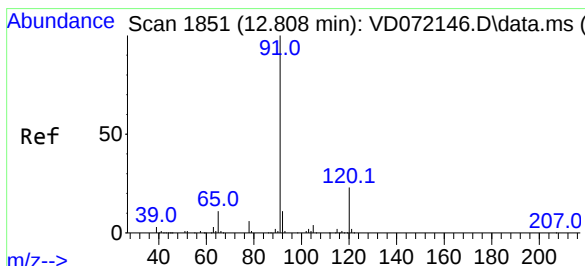
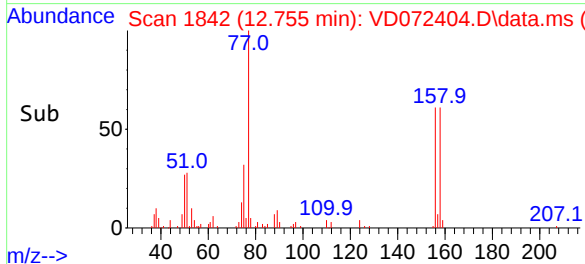
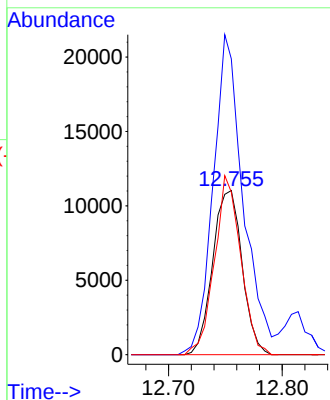
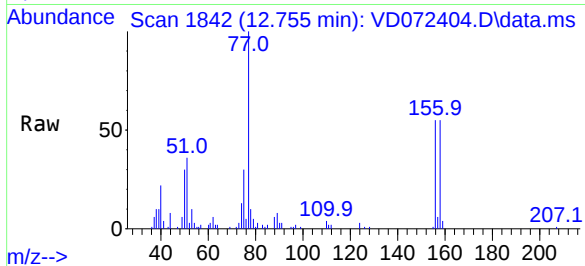




#77
Bromobenzene
Concen: 4.152 ug/l
RT: 12.755 min Scan# 1842
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

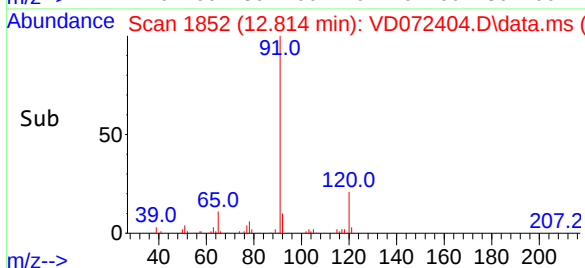
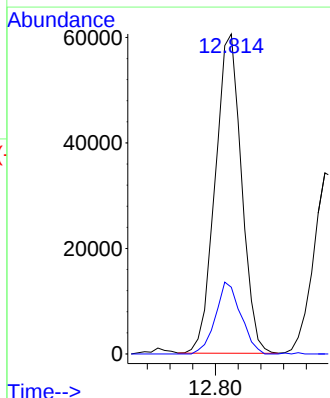
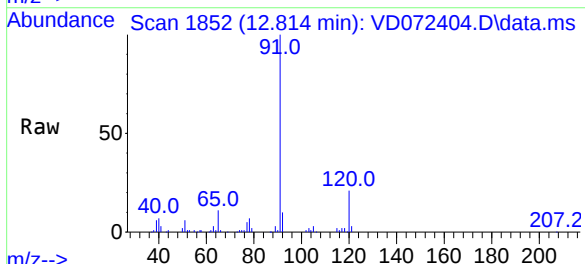
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

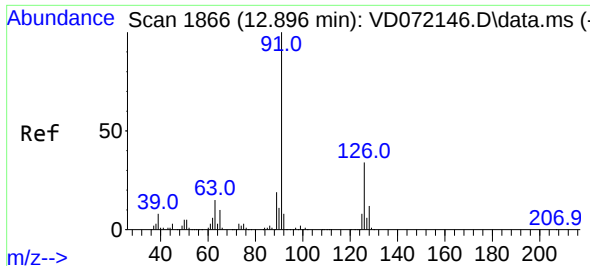
Tgt Ion:156 Resp: 19847
Ion Ratio Lower Upper
156 100
77 198.1 102.8 308.3
158 97.3 48.7 146.1



#78
n-propylbenzene
Concen: 3.770 ug/l
RT: 12.814 min Scan# 1852
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 91 Resp: 97246
Ion Ratio Lower Upper
91 100
120 21.7 10.9 32.9

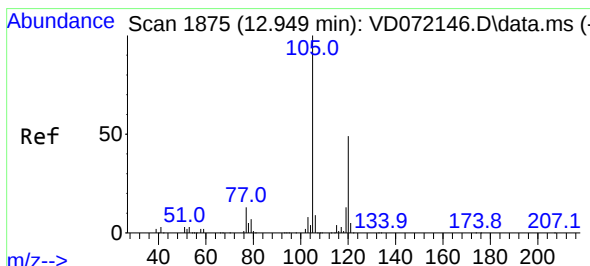
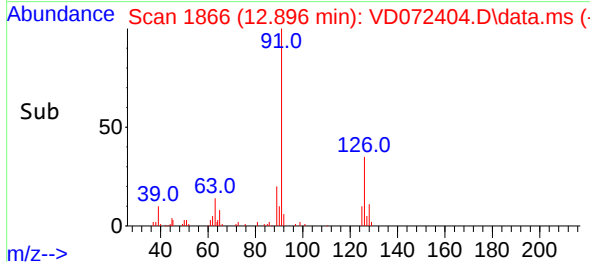
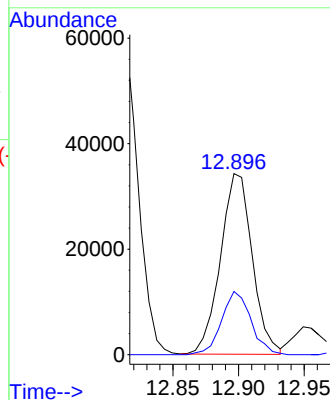
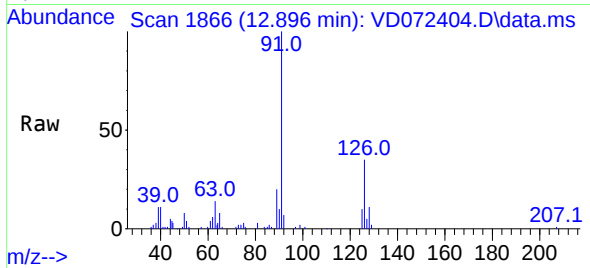




#79
2-Chlorotoluene
Concen: 3.879 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

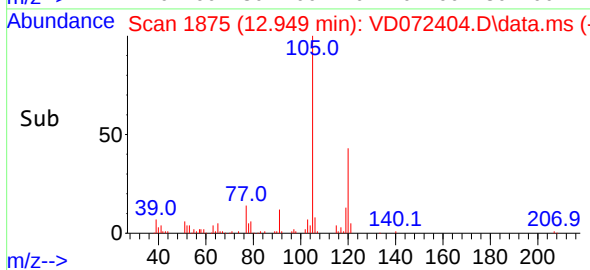
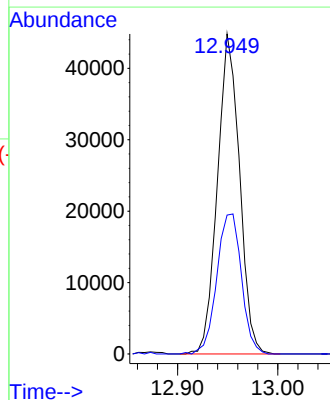
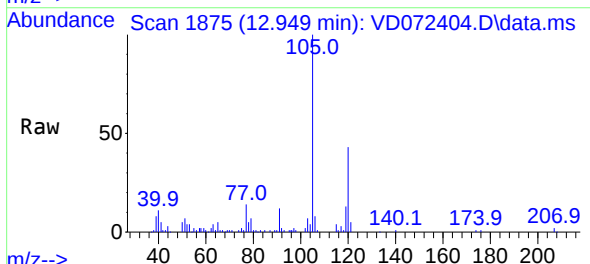
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022

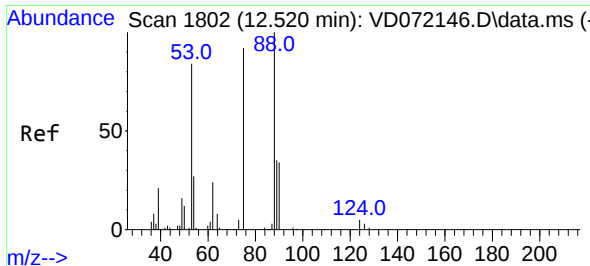
Tgt Ion: 91 Resp: 57864
Ion Ratio Lower Upper
91 100
126 32.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 3.750 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 105 Resp: 68427
Ion Ratio Lower Upper
105 100
120 48.8 24.3 72.8

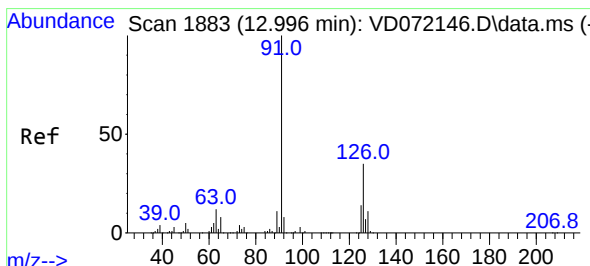
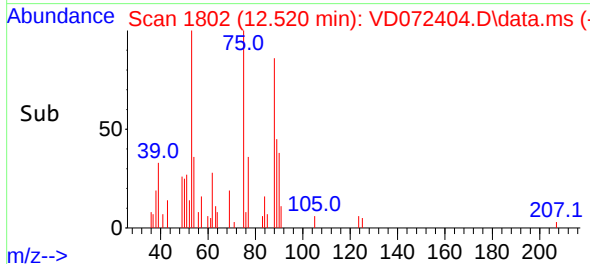
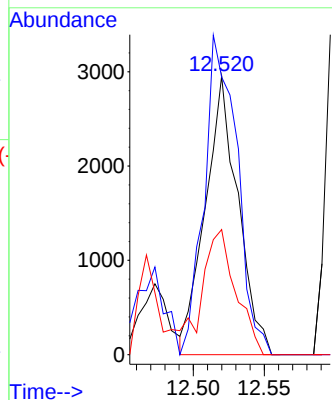
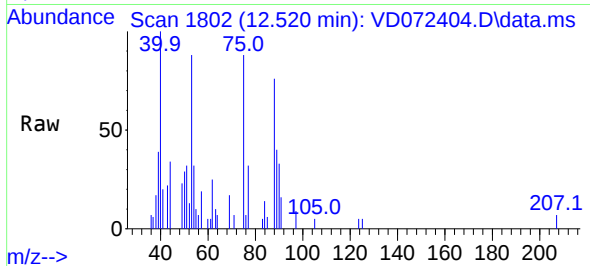




#81
trans-1,4-Dichloro-2-butene
Concen: 3.974 ug/l
RT: 12.520 min Scan# 1802
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

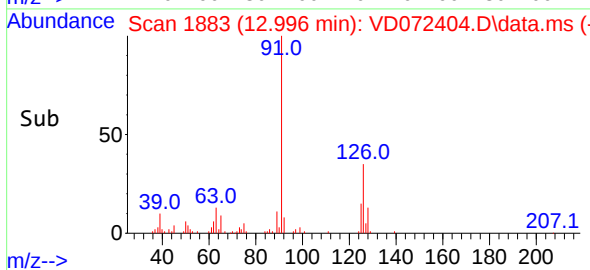
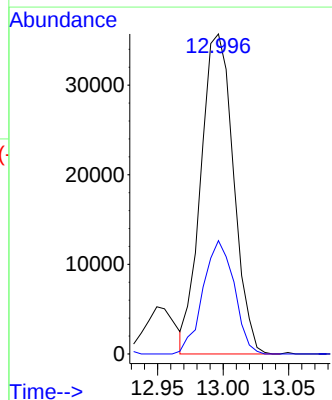
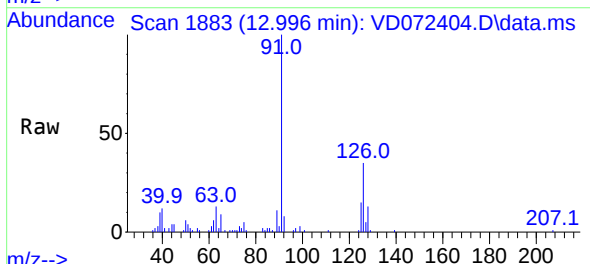
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

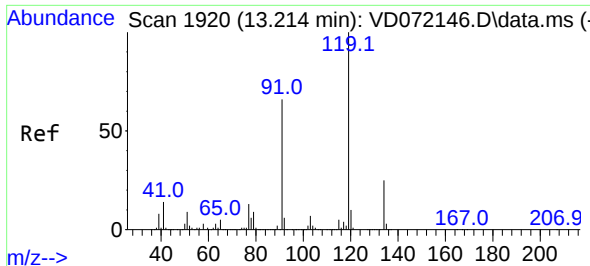
Tgt Ion: 75 Resp: 4735
Ion Ratio Lower Upper
75 100
53 115.1 86.5 129.7
89 45.8 33.9 50.9



#82
4-Chlorotoluene
Concen: 4.010 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion: 91 Resp: 61943
Ion Ratio Lower Upper
91 100
126 33.8 16.5 49.5

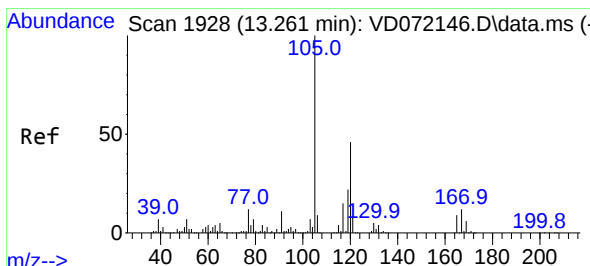
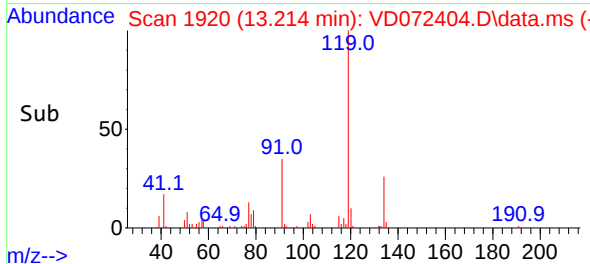
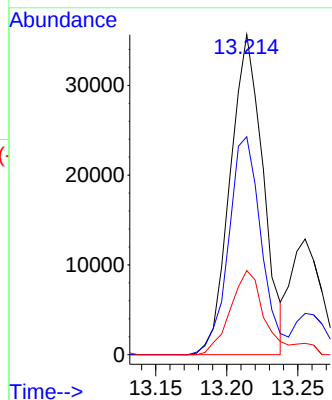
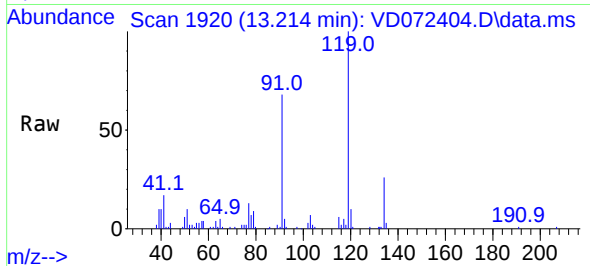




#83
tert-Butylbenzene
Concen: 3.598 ug/l
RT: 13.214 min Scan# 1920
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

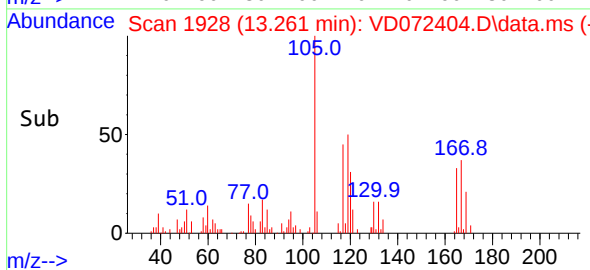
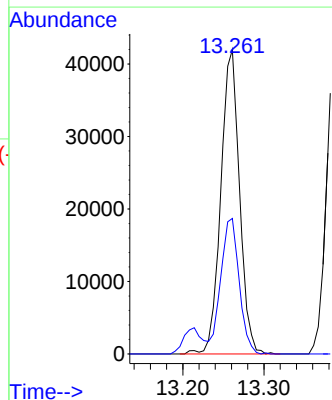
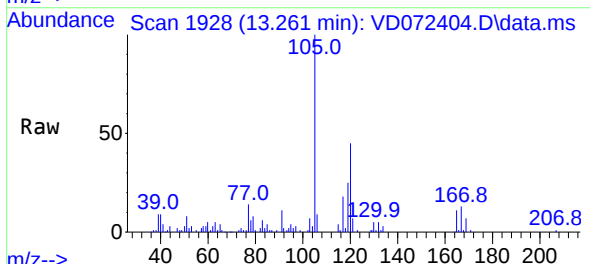
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

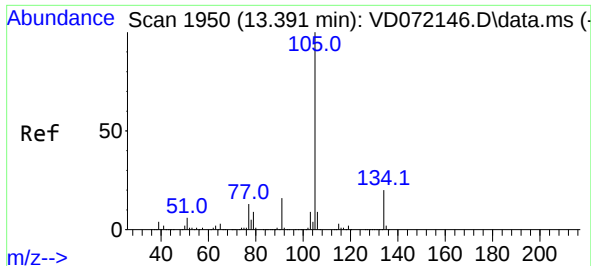
Tgt Ion:	119	Resp:	57554
Ion	Ratio	Lower	Upper
119	100		
91	68.0	34.8	104.5
134	28.8	13.3	39.9



#84
1,2,4-Trimethylbenzene
Concen: 3.745 ug/l
RT: 13.261 min Scan# 1928
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:	105	Resp:	67327
Ion	Ratio	Lower	Upper
105	100		
120	43.8	22.3	66.8

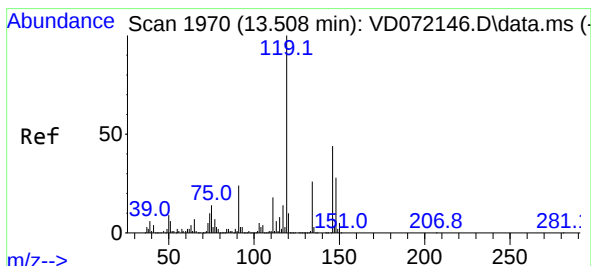
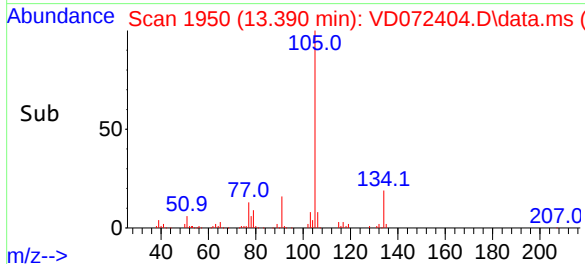
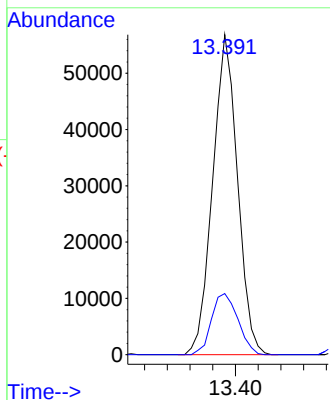
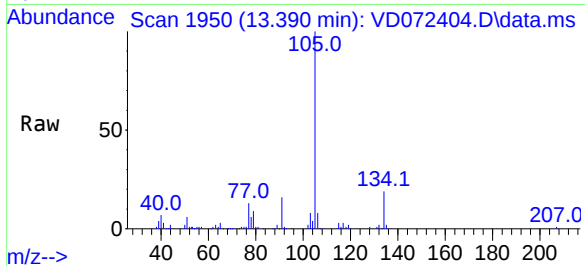




#85
 sec-Butylbenzene
 Concen: 3.588 ug/l
 RT: 13.390 min Scan# 1950
 Delta R.T. -0.000 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

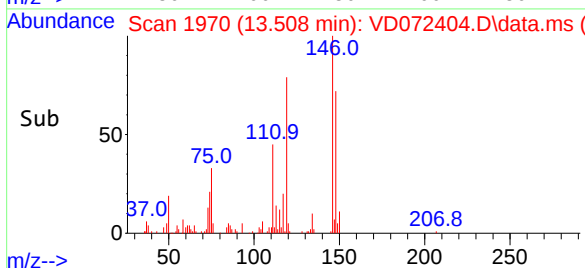
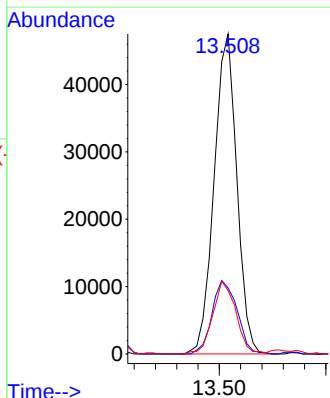
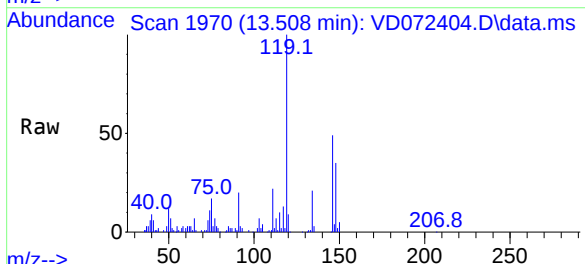
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

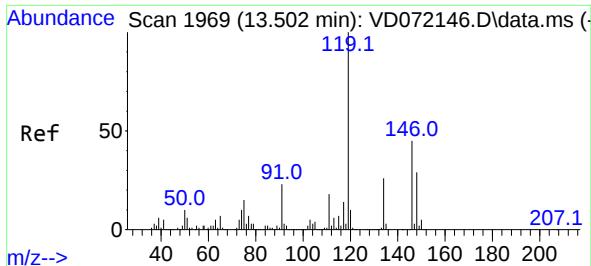
Tgt Ion:105 Resp: 86202
 Ion Ratio Lower Upper
 105 100
 134 20.3 9.8 29.3



#86
 p-Isopropyltoluene
 Concen: 3.546 ug/l
 RT: 13.508 min Scan# 1970
 Delta R.T. -0.000 min
 Lab File: VD072404.D
 Acq: 24 Mar 2022 13:32

Tgt Ion:119 Resp: 70100
 Ion Ratio Lower Upper
 119 100
 134 25.3 12.9 38.6
 91 23.3 12.1 36.3





#87

1,3-Dichlorobenzene

Concen: 4.036 ug/l

RT: 13.508 min Scan# 1969

Delta R.T. 0.006 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022

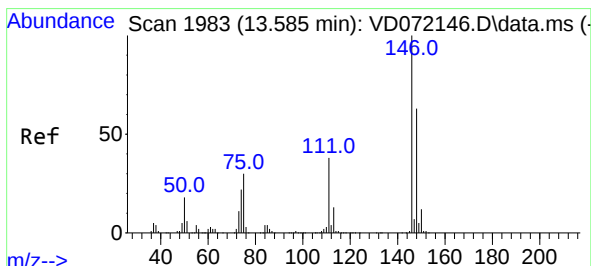
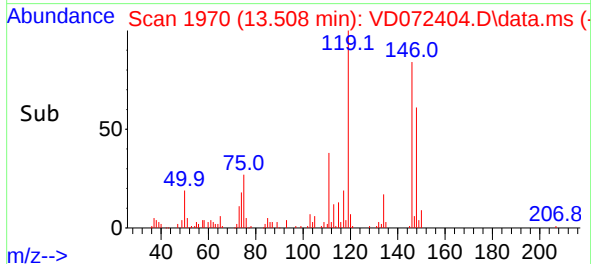
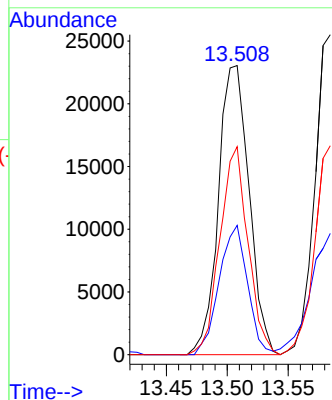
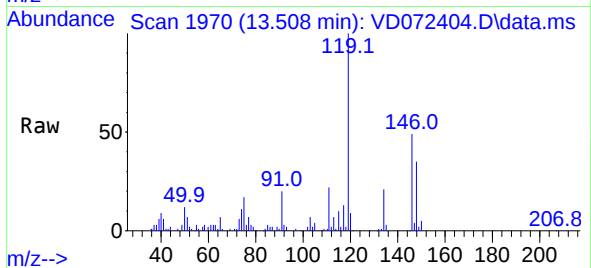
Tgt Ion:146 Resp: 40438

Ion Ratio Lower Upper

146 100

111 41.5 20.4 61.3

148 66.0 31.9 95.7



#88

1,4-Dichlorobenzene

Concen: 4.382 ug/l

RT: 13.585 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

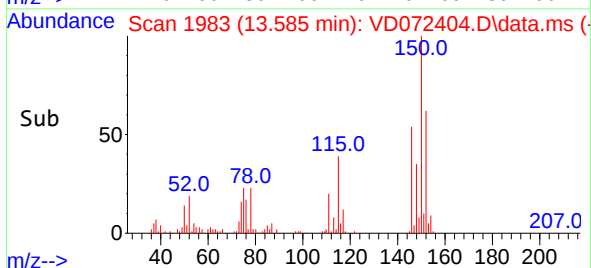
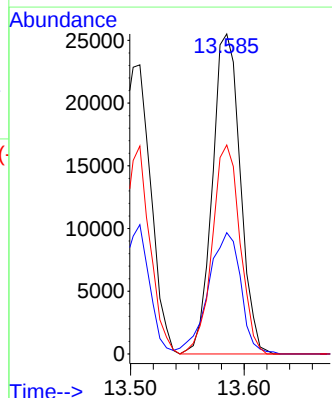
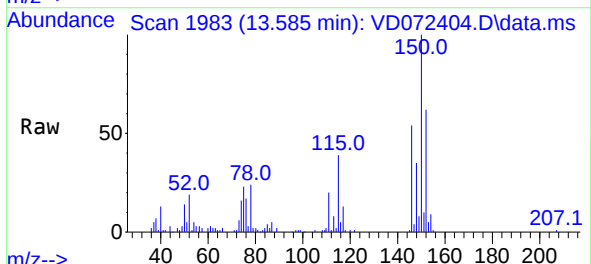
Tgt Ion:146 Resp: 43529

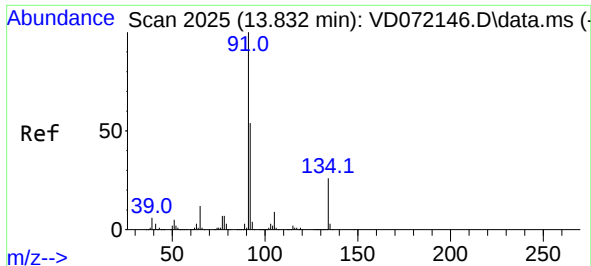
Ion Ratio Lower Upper

146 100

111 44.3 20.3 60.9

148 65.2 31.7 95.1

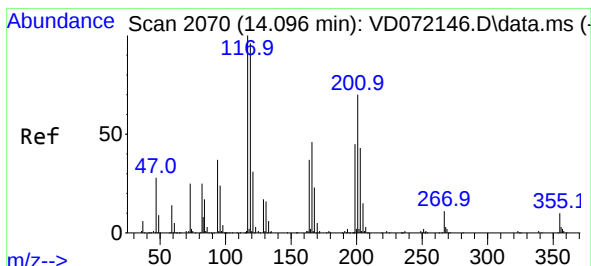
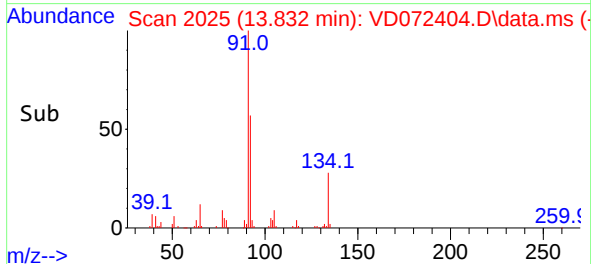
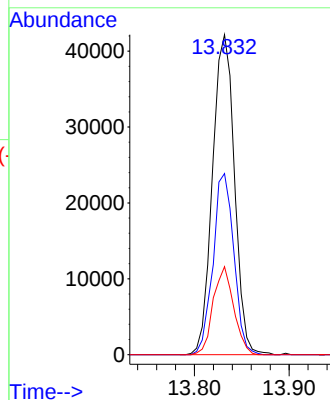
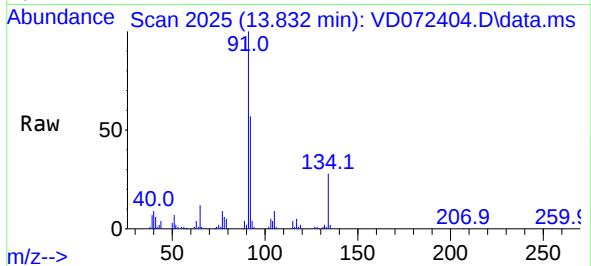




#89
n-Butylbenzene
Concen: 3.615 ug/l
RT: 13.832 min Scan# 2025
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

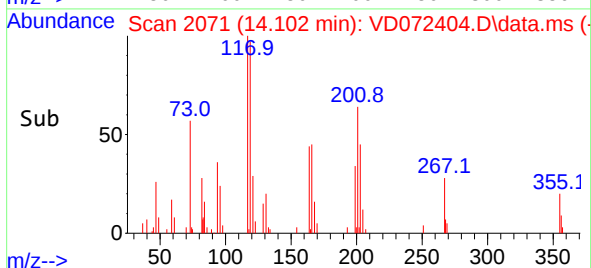
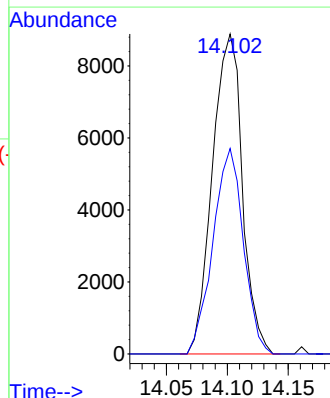
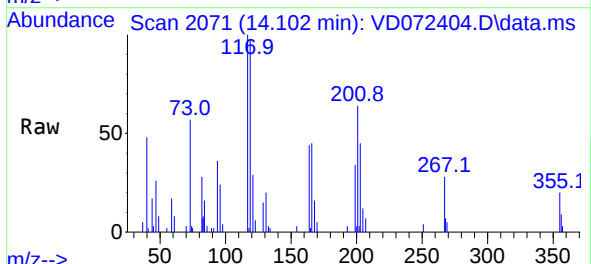
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT1-2022

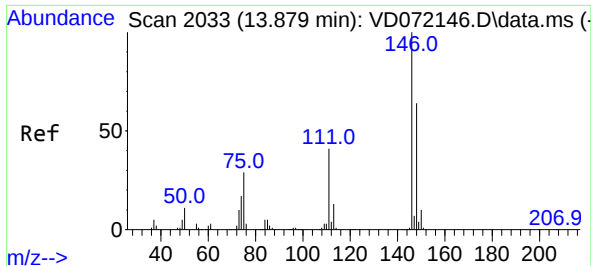
Tgt Ion: 91	Resp: 68119
Ion Ratio	Lower Upper
91 100	
92 53.7	26.6 79.8
134 25.7	12.3 36.9



#90
Hexachloroethane
Concen: 3.927 ug/l
RT: 14.102 min Scan# 2071
Delta R.T. 0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:117	Resp:	15215	
Ion	Ratio	Lower	Upper
117	100		
201	65.2	33.4	100.2





#91

1,2-Dichlorobenzene

Concen: 4.095 ug/l

RT: 13.879 min Scan# 2033

Delta R.T. -0.000 min

Lab File: VD072404.D

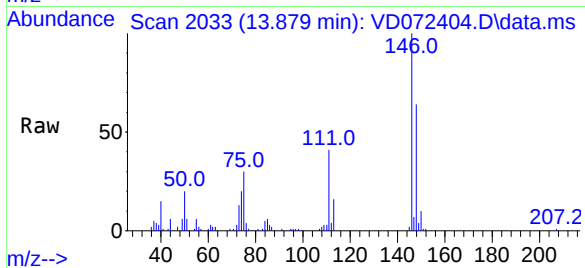
Acq: 24 Mar 2022 13:32

Instrument :

MSVOA_D

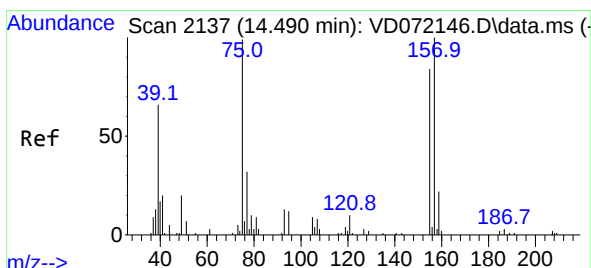
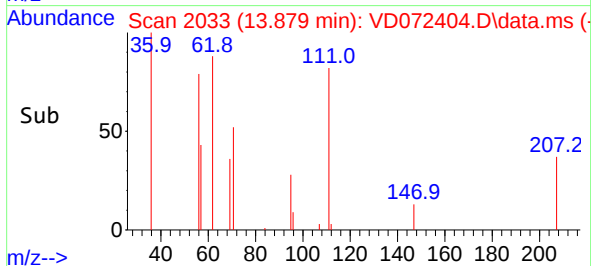
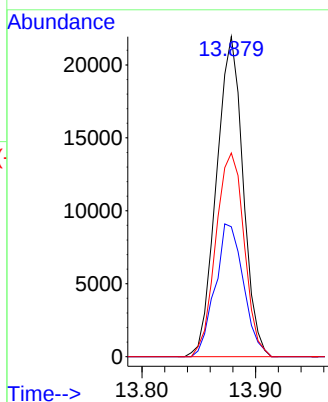
ClientSampleId :

LOD-MDL-SOIL-01-QT1-2022



Tgt Ion:146 Resp: 35770

Ion	Ratio	Lower	Upper
146	100		
111	44.1	21.1	63.3
148	67.9	31.7	95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 5.097 ug/l

RT: 14.490 min Scan# 2137

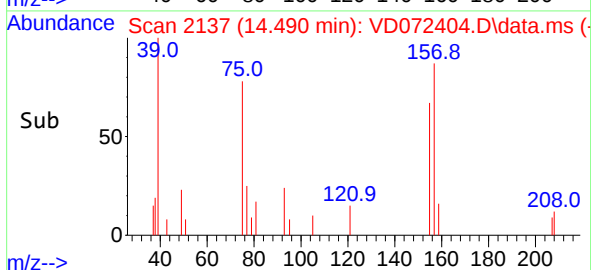
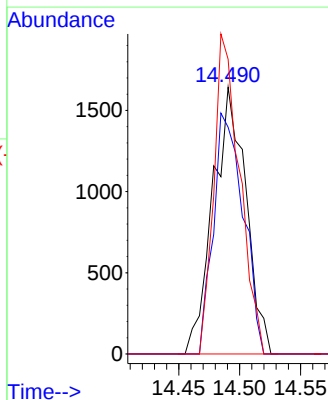
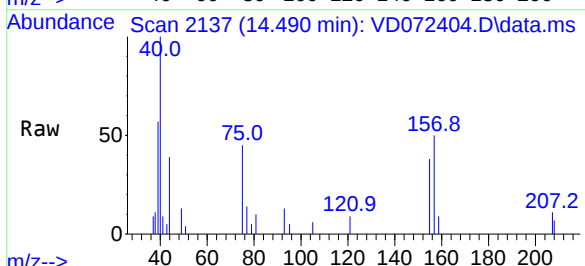
Delta R.T. -0.000 min

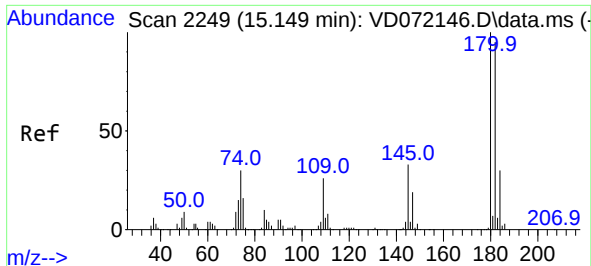
Lab File: VD072404.D

Acq: 24 Mar 2022 13:32

Tgt Ion: 75 Resp: 3090

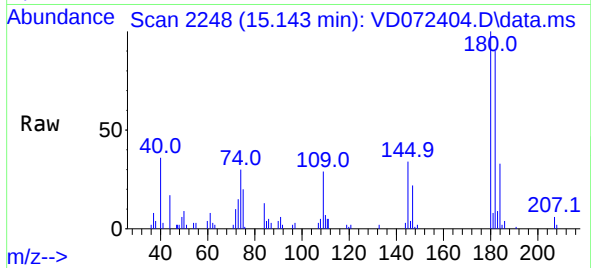
Ion	Ratio	Lower	Upper
75	100		
155	81.6	36.8	110.3
157	93.8	48.4	145.0



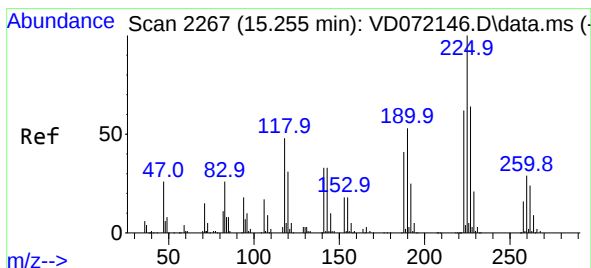
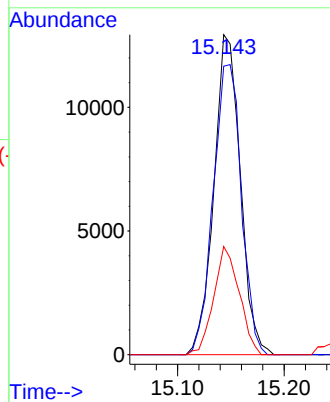
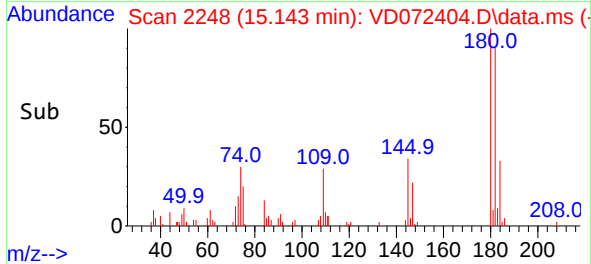


#93
1,2,4-Trichlorobenzene
Concen: 3.853 ug/l
RT: 15.143 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

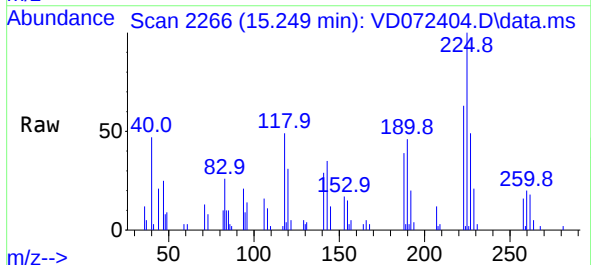
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT1-2022



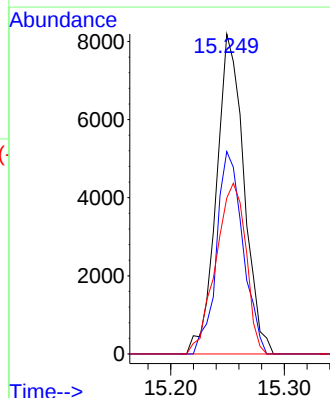
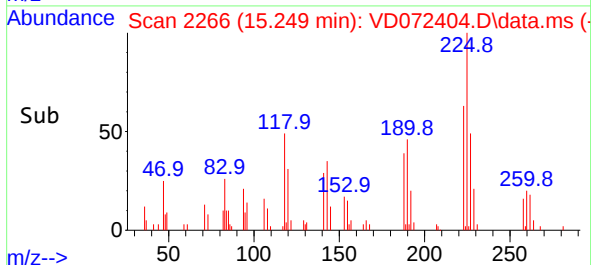
Tgt Ion:180 Resp: 22281
Ion Ratio Lower Upper
180 100
182 96.3 47.3 142.0
145 32.6 16.2 48.5



#94
Hexachlorobutadiene
Concen: 4.099 ug/l
RT: 15.249 min Scan# 2266
Delta R.T. -0.006 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32



Tgt Ion:225 Resp: 13790
Ion Ratio Lower Upper
225 100
223 60.9 31.1 93.2
227 58.4 32.4 97.0

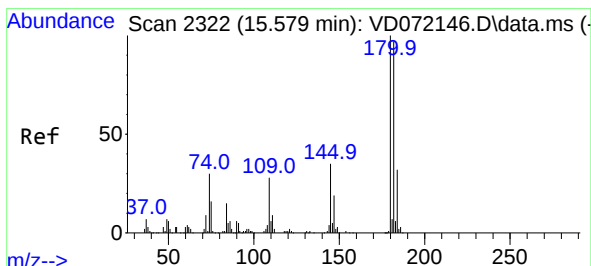
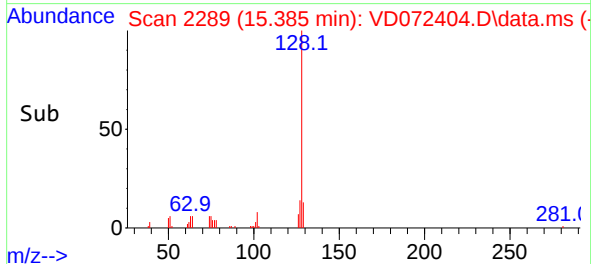
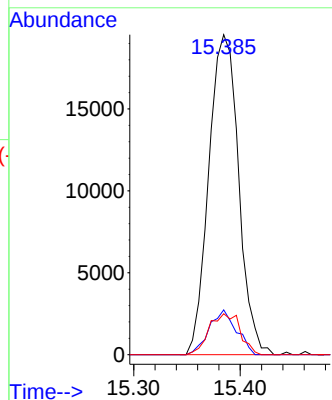
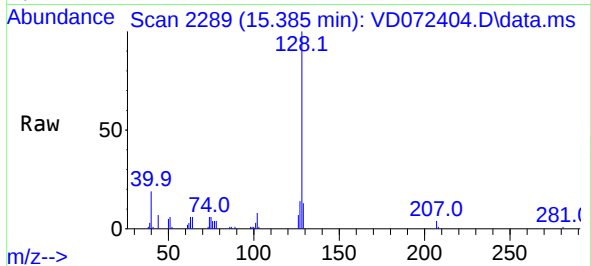




#95
Naphthalene
Concen: 3.810 ug/l
RT: 15.385 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

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

Tgt Ion:128 Resp: 37976
Ion Ratio Lower Upper
128 100
127 12.8 10.3 15.5
129 13.4 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 3.947 ug/l
RT: 15.579 min Scan# 2322
Delta R.T. -0.000 min
Lab File: VD072404.D
Acq: 24 Mar 2022 13:32

Tgt Ion:180 Resp: 19757
Ion Ratio Lower Upper
180 100
182 96.8 47.6 142.9
145 35.3 17.1 51.3

