

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD062222\
 Data File : VD073653.D
 Acq On : 22 Jun 2022 14:28
 Operator : VA/SY
 Sample : N3214-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

Quant Time: Jun 23 09:55:35 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D062022S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 23 09:55:20 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	217732	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	375138	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	352061	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	168497	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	130573	52.120	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 104.240%	
35) Dibromofluoromethane	7.908	113	134358	49.371	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 98.740%	
50) Toluene-d8	10.332	98	456794	46.897	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 93.800%	
62) 4-Bromofluorobenzene	12.620	95	167410	46.866	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 93.740%	

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	6918	3.299	ug/l	92
3) Chloromethane	2.209	50	5547	2.915	ug/l #	81
4) Vinyl Chloride	2.350	62	4934	2.750	ug/l	99
5) Bromomethane	2.761	94	4608	3.291	ug/l #	79
6) Chloroethane	2.920	64	4346	3.744	ug/l	88
7) Trichlorofluoromethane	3.267	101	12811	3.083	ug/l	88
8) Diethyl Ether	3.708	74	2427	2.239	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.103	101	7546	3.143	ug/l #	68
10) Methyl Iodide	4.291	142	6945	2.987	ug/l	96
11) Tert butyl alcohol	5.179	59	24192	87.436	ug/l #	77
12) 1,1-Dichloroethene	4.055	96	5743	2.737	ug/l	92
14) Allyl chloride	4.720	41	8257	2.735	ug/l	96
15) Acrylonitrile	5.414	53	6517	13.250	ug/l #	88
16) Acetone	4.155	43	8292	20.820	ug/l	99
17) Carbon Disulfide	4.397	76	15231	2.518	ug/l #	94
18) Methyl Acetate	4.720	43	5573	4.373	ug/l	97
19) Methyl tert-butyl Ether	5.473	73	13023	2.623	ug/l #	87
20) Methylene Chloride	4.950	84	25387	7.961	ug/l #	93
21) trans-1,2-Dichloroethene	5.461	96	7032	2.818	ug/l	96
22) Diisopropyl ether	6.355	45	15377	2.270	ug/l #	87
23) Vinyl Acetate	6.297	43	27455	7.750	ug/l #	86
24) 1,1-Dichloroethane	6.250	63	13203	2.911	ug/l	97
25) 2-Butanone	7.202	43	8926	15.396	ug/l	94
26) 2,2-Dichloropropane	7.202	77	13851	3.323	ug/l	92
27) cis-1,2-Dichloroethene	7.202	96	7067	2.455	ug/l	79
28) Bromochloromethane	7.538	49	5190	3.055	ug/l #	94
29) Tetrahydrofuran	7.555	42	4316	12.003	ug/l #	88
30) Chloroform	7.696	83	14021	2.730	ug/l	88
31) Cyclohexane	7.973	56	13505	3.543	ug/l #	68
32) 1,1,1-Trichloroethane	7.891	97	13057	2.857	ug/l	98
36) 1,1-Dichloropropene	8.108	75	10784	2.829	ug/l	90
37) Ethyl Acetate	7.291	43	4426	3.018	ug/l #	91
38) Carbon Tetrachloride	8.091	117	11647	2.690	ug/l	99
39) Methylcyclohexane	9.349	83	10657	2.523	ug/l	95
40) Benzene	8.344	78	28428	2.578	ug/l	100
41) Methacrylonitrile	7.526	41	1075	1.324	ug/l #	31

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 1,2-Dichloroethane	8.414	62	8527	2.589	ug/l	90
43) Isopropyl Acetate	8.444	43	7180	2.600	ug/l #	95
44) Trichloroethene	9.108	130	8329	2.652	ug/l	86
45) 1,2-Dichloropropane	9.373	63	6964	2.513	ug/l #	83
46) Dibromomethane	9.461	93	3793	2.411	ug/l	97
47) Bromodichloromethane	9.655	83	9636	2.353	ug/l #	83
48) Methyl methacrylate	9.449	41	2214	1.584	ug/l #	66
49) 1,4-Dioxane	9.449	88	904	51.844	ug/l #	73
51) 4-Methyl-2-Pentanone	10.220	43	16631	11.732	ug/l	99
52) Toluene	10.396	92	18637	2.586	ug/l	100
53) t-1,3-Dichloropropene	10.608	75	8824	2.353	ug/l	98
54) cis-1,3-Dichloropropene	10.085	75	10124	2.309	ug/l	93
55) 1,1,2-Trichloroethane	10.790	97	5126	2.307	ug/l #	85
56) Ethyl methacrylate	10.649	69	5099	2.080	ug/l	95
57) 1,3-Dichloropropane	10.932	76	8987	2.456	ug/l	91
58) 2-Chloroethyl Vinyl ether	9.938	63	12776	12.956	ug/l	100
59) 2-Hexanone	10.973	43	10899	11.149	ug/l	87
60) Dibromochloromethane	11.126	129	7578	2.616	ug/l	92
61) 1,2-Dibromoethane	11.243	107	5224	2.454	ug/l	94
64) Tetrachloroethene	10.867	164	7773	2.983	ug/l #	88
65) Chlorobenzene	11.661	112	20826	2.649	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.732	131	7283	2.391	ug/l	93
67) Ethyl Benzene	11.737	91	33025	2.471	ug/l	97
68) m/p-Xylenes	11.843	106	24417	4.639	ug/l	95
69) o-Xylene	12.167	106	10421	2.124	ug/l	95
70) Styrene	12.184	104	18139	2.156	ug/l	98
71) Bromoform	12.349	173	3953	2.383	ug/l #	93
73) Isopropylbenzene	12.467	105	28981	2.384	ug/l	100
74) N-amyl acetate	12.279	43	4951	2.015	ug/l #	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	5889	2.576	ug/l	96
76) 1,2,3-Trichloropropane	12.767	75	7108	4.359	ug/l #	14
77) Bromobenzene	12.749	156	8158	2.757	ug/l	99
78) n-propylbenzene	12.808	91	37968	2.550	ug/l	98
79) 2-Chlorotoluene	12.896	91	23252	2.662	ug/l	99
80) 1,3,5-Trimethylbenzene	12.949	105	25236	2.430	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.620	75	82671	116.991	ug/l #	14
82) 4-Chlorotoluene	12.996	91	22958	2.463	ug/l	97
83) tert-Butylbenzene	13.208	119	22247	2.475	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	23246	2.270	ug/l	98
85) sec-Butylbenzene	13.390	105	31764	2.377	ug/l	98
86) p-Isopropyltoluene	13.502	119	25488	2.309	ug/l	98
87) 1,3-Dichlorobenzene	13.502	146	17968	2.944	ug/l	96
88) 1,4-Dichlorobenzene	13.584	146	17847	2.950	ug/l	88
89) n-Butylbenzene	13.826	91	25120	2.420	ug/l	98
90) Hexachloroethane	14.096	117	6225	2.640	ug/l	94
91) 1,2-Dichlorobenzene	13.873	146	13852	2.631	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.490	75	839	2.350	ug/l	69
93) 1,2,4-Trichlorobenzene	15.143	180	8837	2.881	ug/l	94
94) Hexachlorobutadiene	15.249	225	4904	2.821	ug/l	98
95) Naphthalene	15.378	128	13107	2.459	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	7127	2.671	ug/l	94

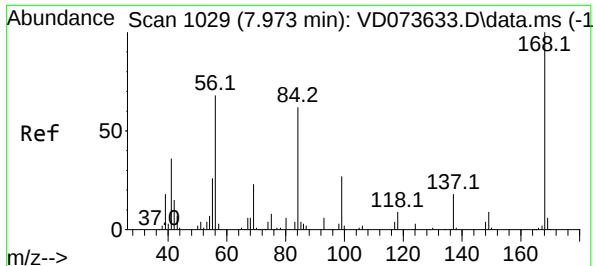
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Quant Title : SW846 8260
QLast Update : Thu Jun 23 09:55:20 2022
Response via : Initial Calibration

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

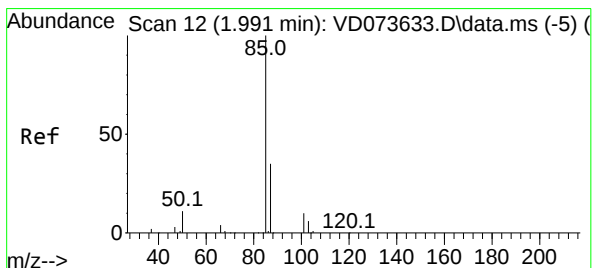
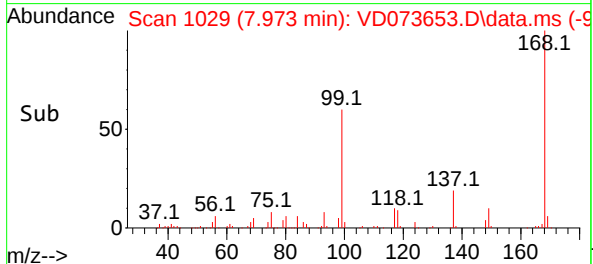
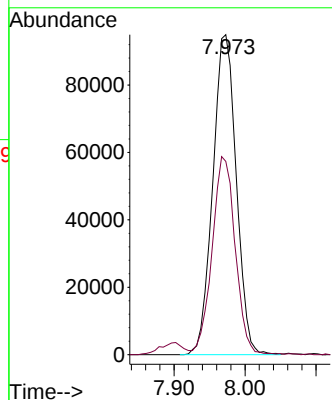
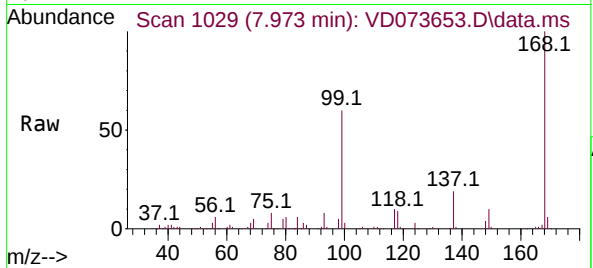
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#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD073653.D
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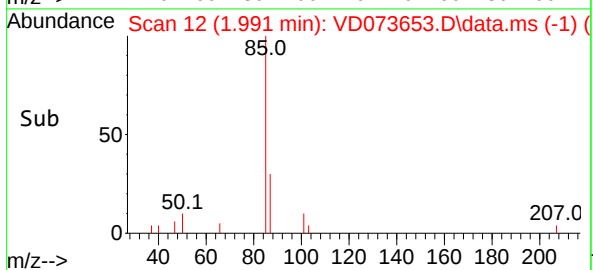
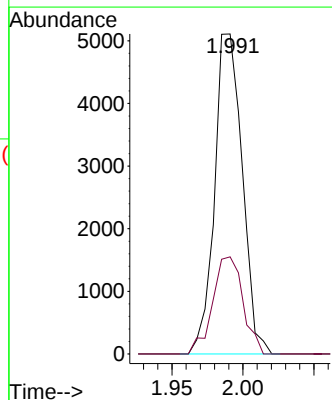
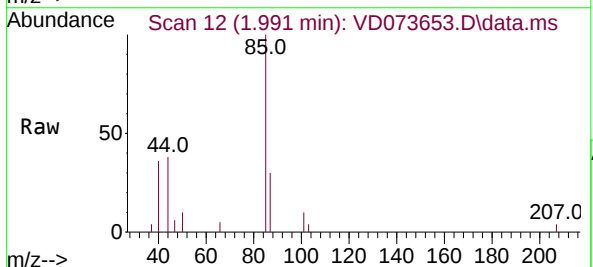
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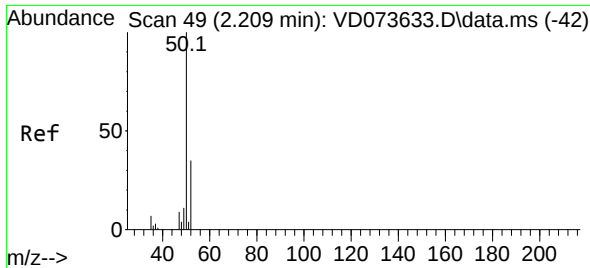
Tgt Ion:168 Resp: 217732
Ion Ratio Lower Upper
168 100
99 60.1 47.4 71.0



#2
Dichlorodifluoromethane
Concen: 3.299 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 85 Resp: 6918
Ion Ratio Lower Upper
85 100
87 30.4 17.4 52.2

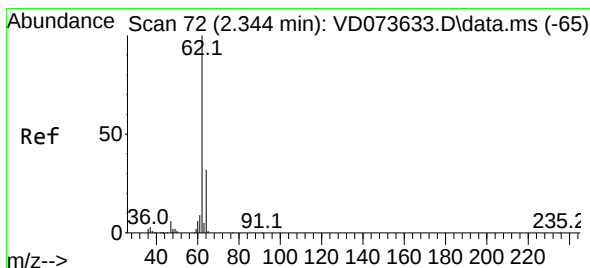
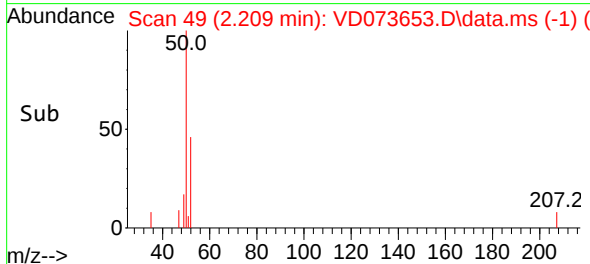
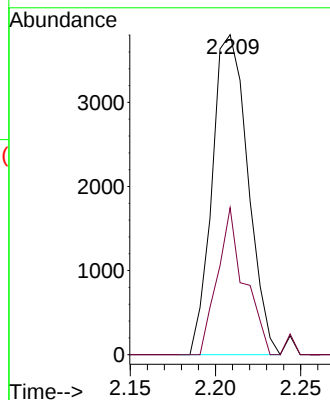
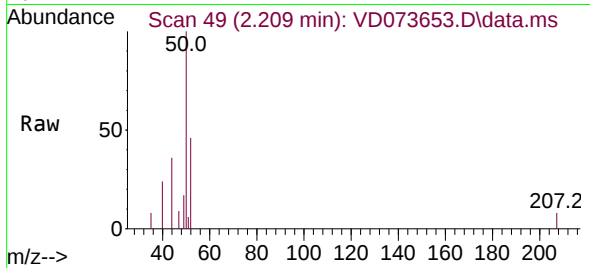




#3
Chloromethane
Concen: 2.915 ug/l
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

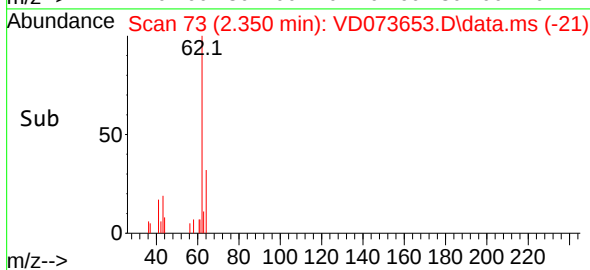
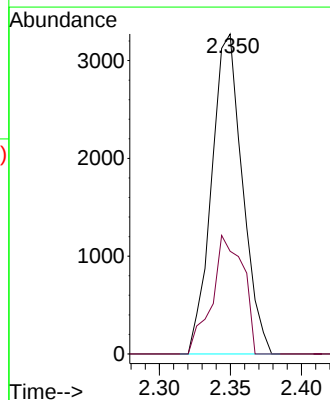
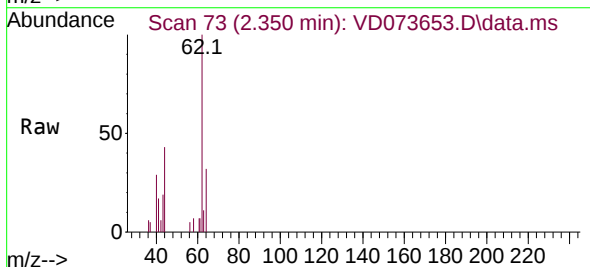
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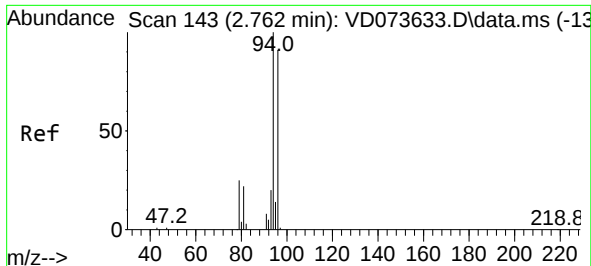
Tgt Ion: 50 Resp: 5547
Ion Ratio Lower Upper
50 100
52 46.0 27.8 41.8#



#4
Vinyl Chloride
Concen: 2.750 ug/l
RT: 2.350 min Scan# 73
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 62 Resp: 4934
Ion Ratio Lower Upper
62 100
64 32.1 25.9 38.9

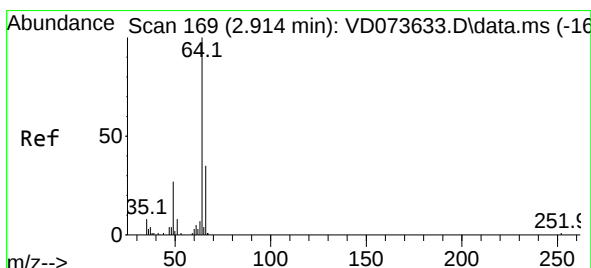
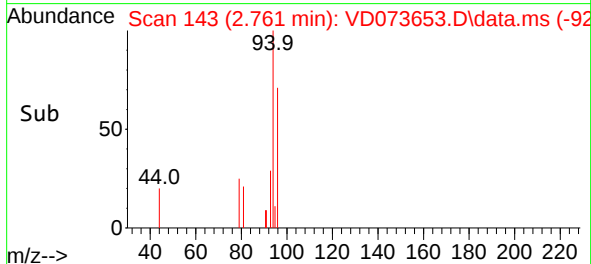
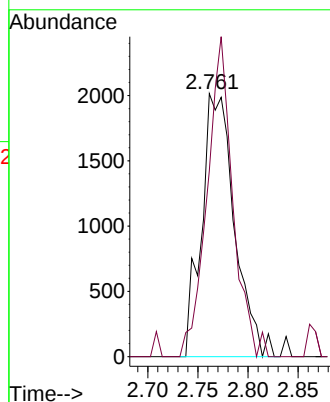
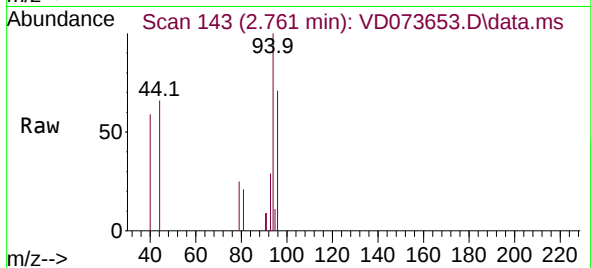




#5
Bromomethane
Concen: 3.291 ug/l
RT: 2.761 min Scan# 14
Delta R.T. -0.001 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

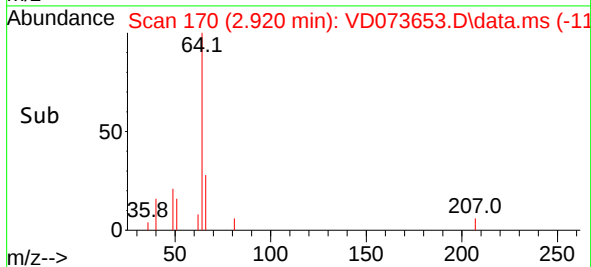
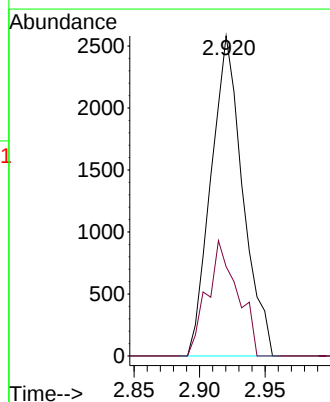
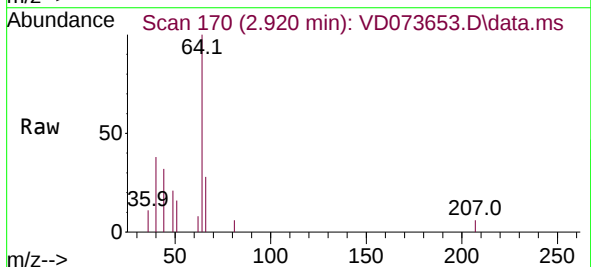
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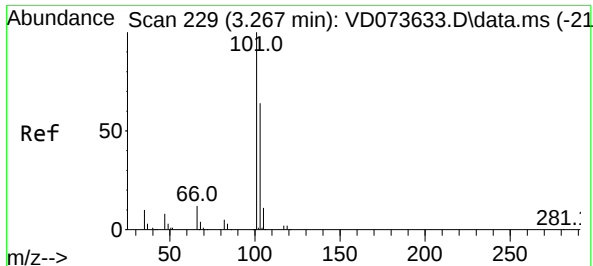
Tgt Ion: 94 Resp: 4608
Ion Ratio Lower Upper
94 100
96 70.7 72.6 108.8#



#6
Chloroethane
Concen: 3.744 ug/l
RT: 2.920 min Scan# 170
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 64 Resp: 4346
Ion Ratio Lower Upper
64 100
66 27.9 27.7 41.5

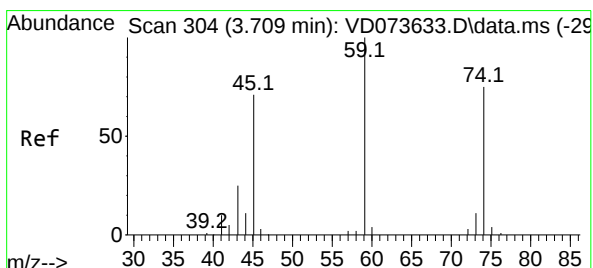
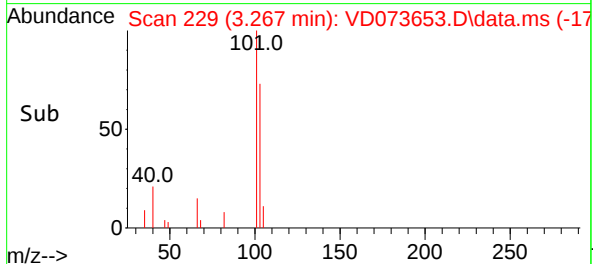
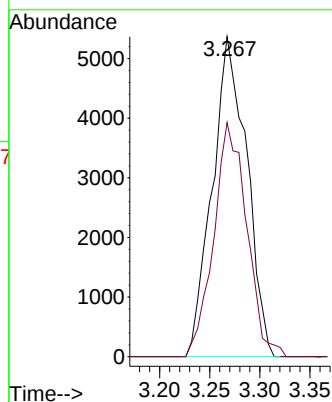
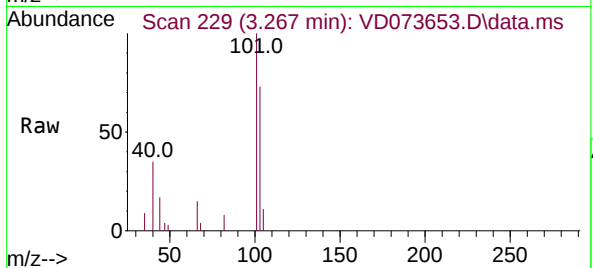




#7
 Trichlorofluoromethane
 Concen: 3.083 ug/l
 RT: 3.267 min Scan# 211
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

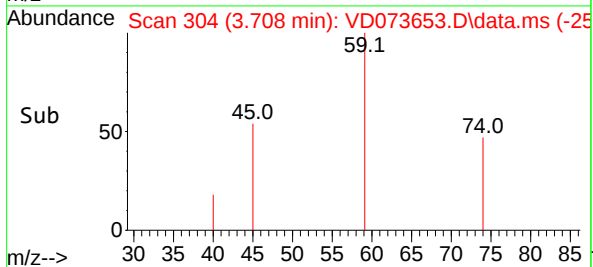
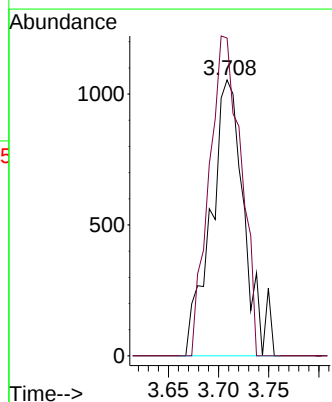
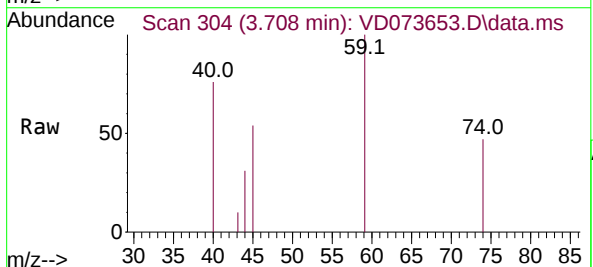
Instrument :
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 ClientSampleId :
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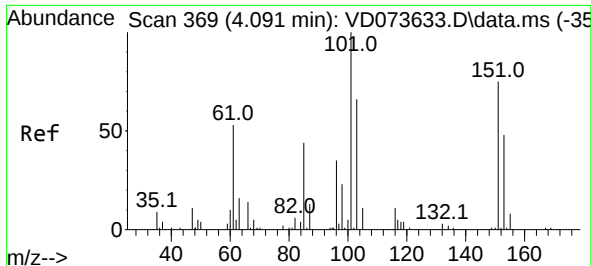
Tgt Ion:101 Resp: 12811
 Ion Ratio Lower Upper
 101 100
 103 73.2 51.2 76.8



#8
 Diethyl Ether
 Concen: 2.239 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Tgt Ion: 74 Resp: 2427
 Ion Ratio Lower Upper
 74 100
 45 110.9 47.6 142.8

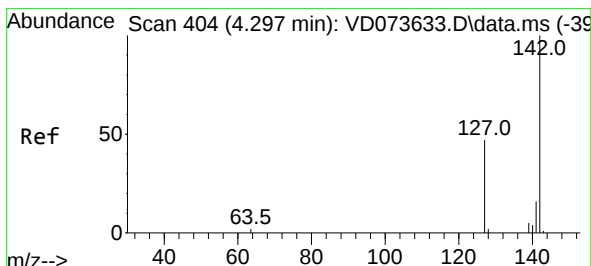
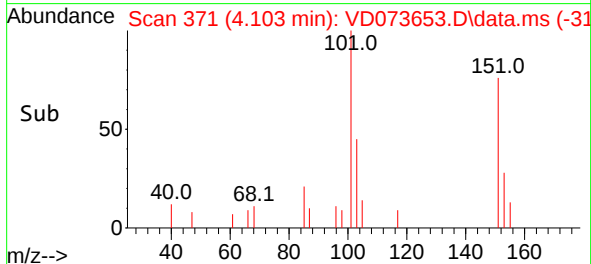
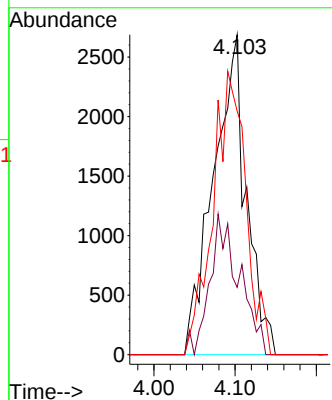
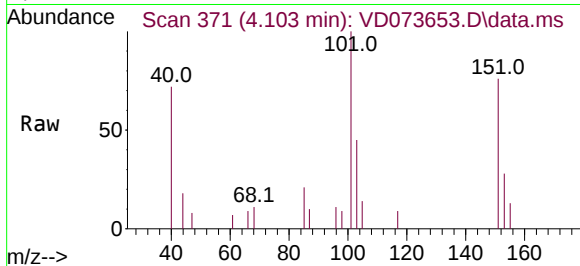




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.143 ug/l
RT: 4.103 min Scan# 31
Delta R.T. 0.012 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

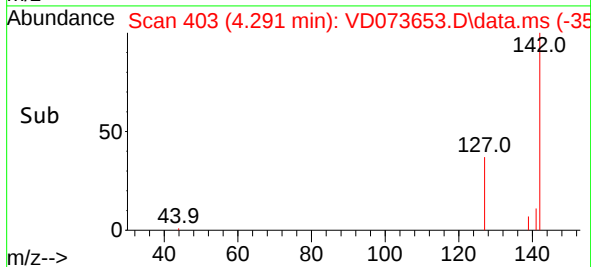
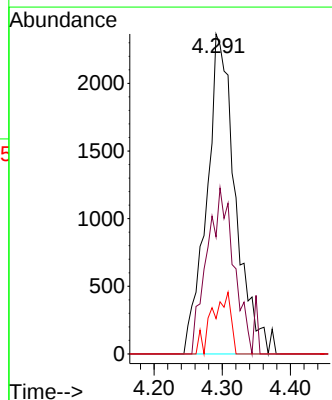
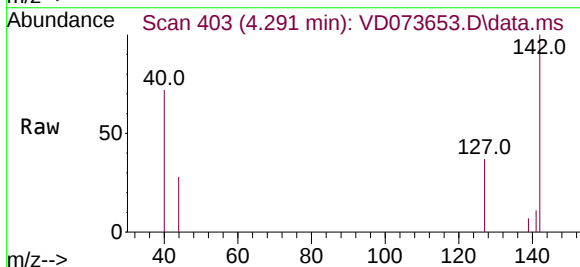
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

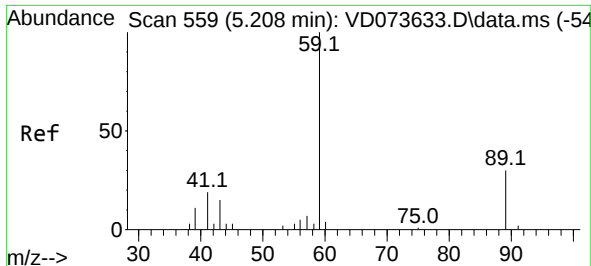
Tgt Ion:101 Resp: 7546
Ion Ratio Lower Upper
101 100
85 0.0 35.2 52.8#
151 89.2 63.4 95.0



#10
Methyl Iodide
Concen: 2.987 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:142 Resp: 6945
Ion Ratio Lower Upper
142 100
127 48.5 37.2 55.8
141 12.5 12.3 18.5





#11

Tert butyl alcohol

Concen: 87.436 ug/l

RT: 5.179 min Scan# 51

Delta R.T. -0.029 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

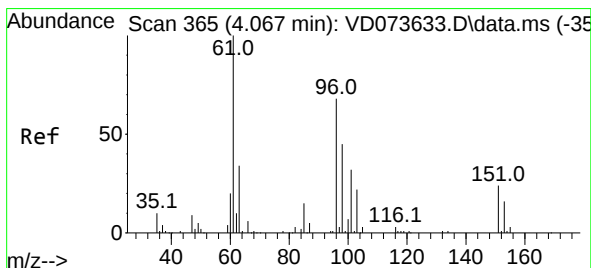
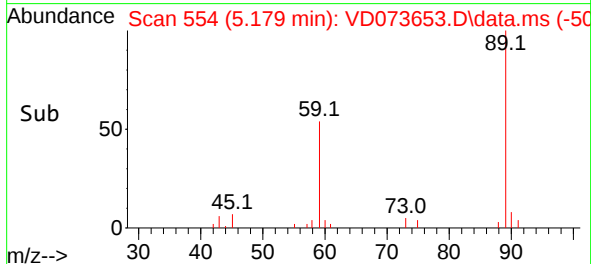
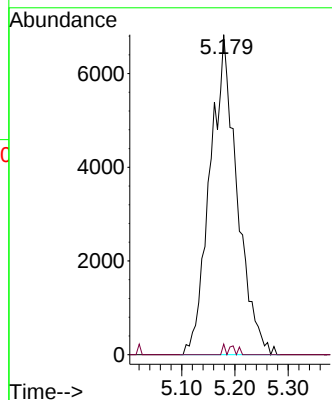
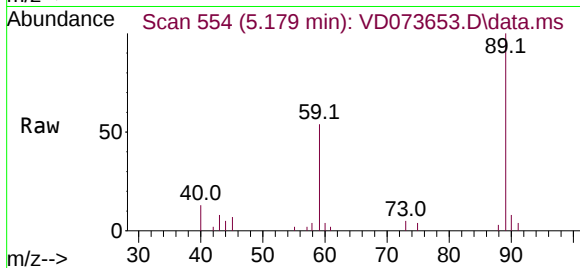
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 59 Resp: 24192

Ion Ratio Lower Upper

59 100

57 0.3 6.7 10.1#



#12

1,1-Dichloroethene

Concen: 2.737 ug/l

RT: 4.055 min Scan# 363

Delta R.T. -0.012 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

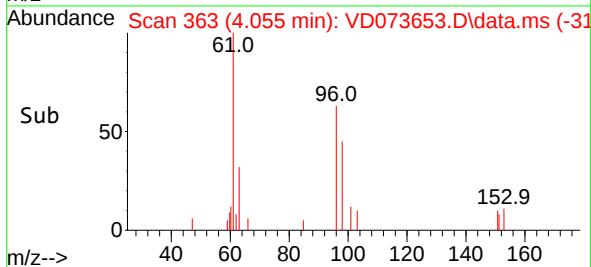
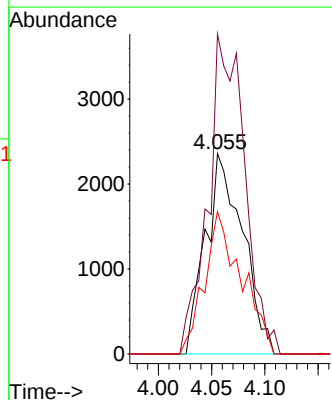
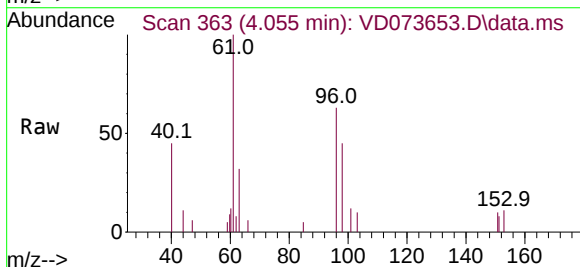
Tgt Ion: 96 Resp: 5743

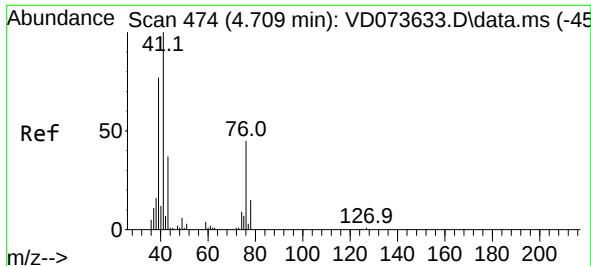
Ion Ratio Lower Upper

96 100

61 159.6 118.5 177.7

98 71.0 52.8 79.2

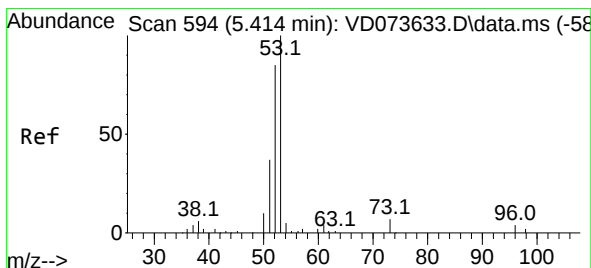
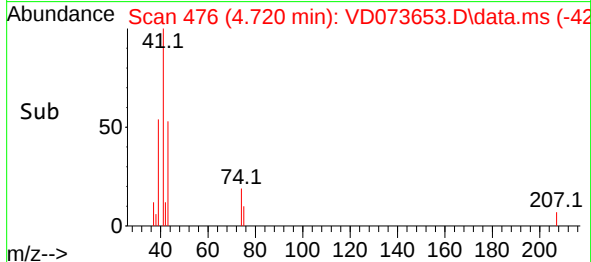
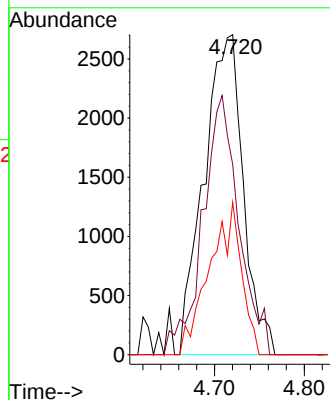
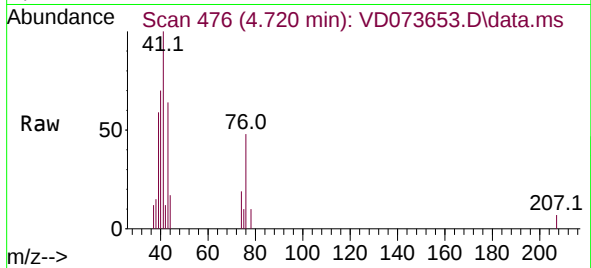




#14
 Allyl chloride
 Concen: 2.735 ug/l
 RT: 4.720 min Scan# 41
 Delta R.T. 0.012 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

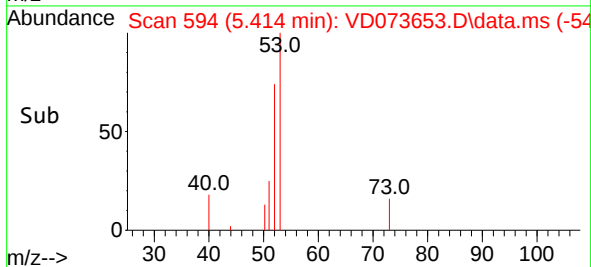
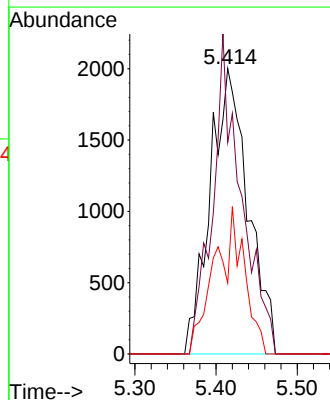
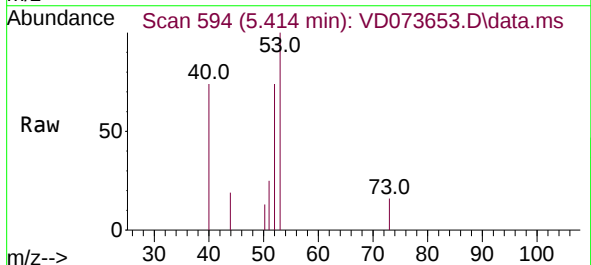
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

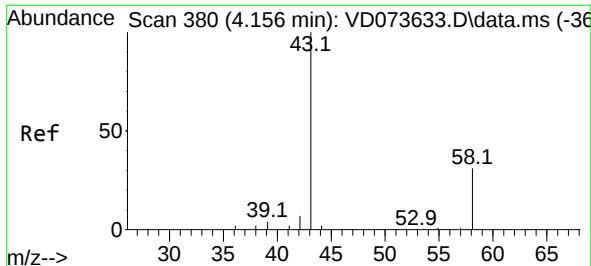
Tgt Ion:	41	Resp:	8257
Ion	Ratio	Lower	Upper
41	100		
39	73.9	57.3	85.9
76	38.5	33.4	50.0



#15
 Acrylonitrile
 Concen: 13.250 ug/l
 RT: 5.414 min Scan# 594
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Tgt Ion:	53	Resp:	6517
Ion	Ratio	Lower	Upper
53	100		
52	84.1	64.6	97.0
51	19.5	29.6	44.4#

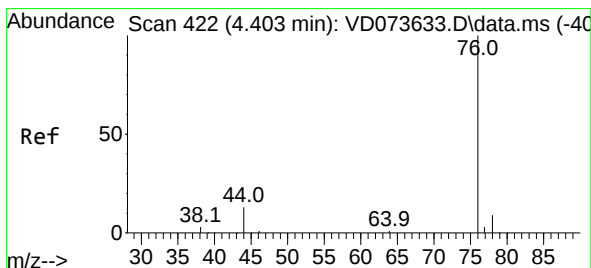
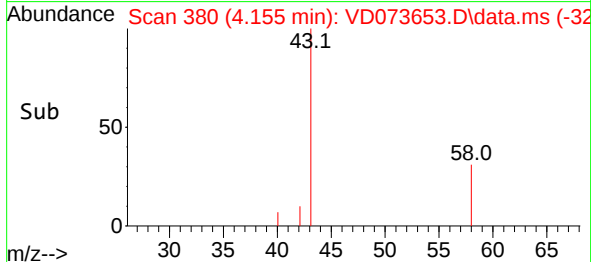
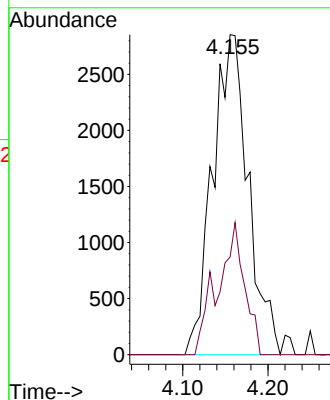
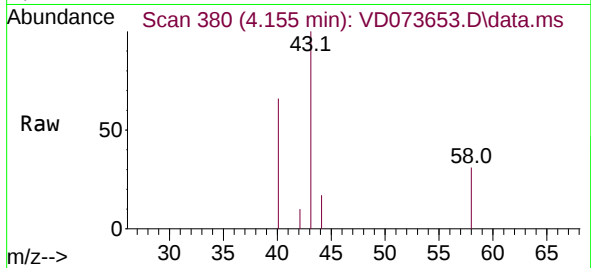




#16
Acetone
Concen: 20.820 ug/l
RT: 4.155 min Scan# 31
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

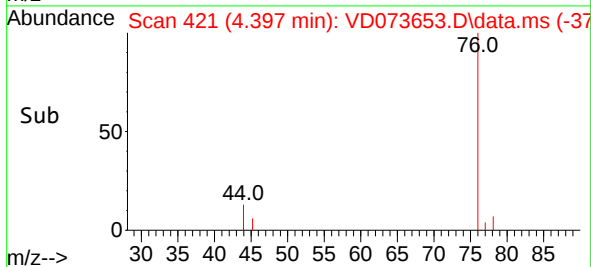
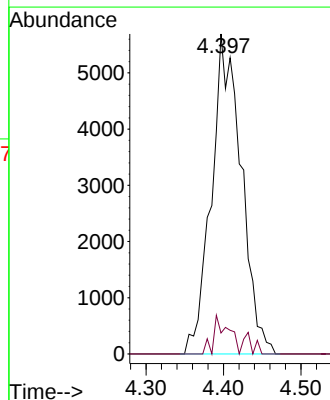
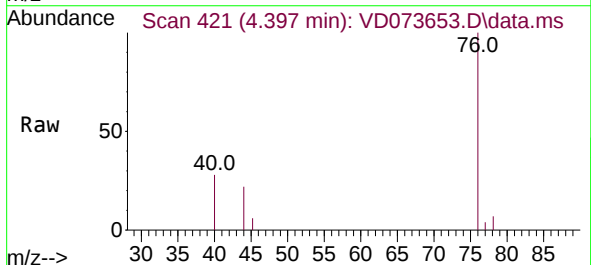
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

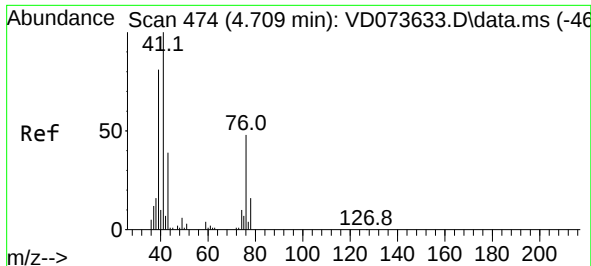
Tgt Ion: 43 Resp: 8292
Ion Ratio Lower Upper
43 100
58 30.5 25.0 37.4



#17
Carbon Disulfide
Concen: 2.518 ug/l
RT: 4.397 min Scan# 421
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 76 Resp: 15231
Ion Ratio Lower Upper
76 100
78 6.6 7.0 10.4#

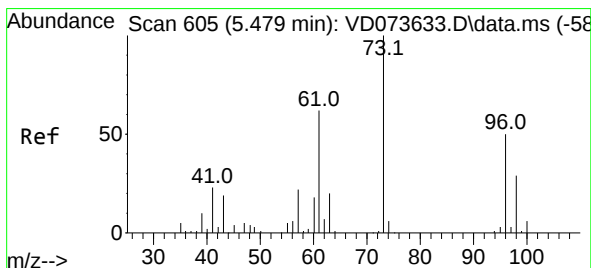
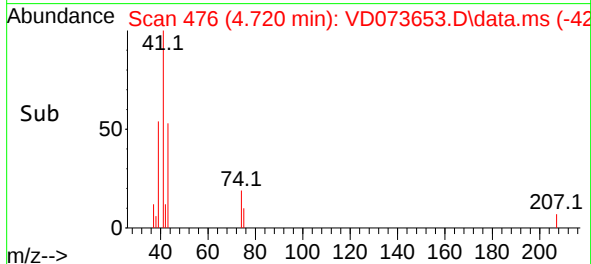
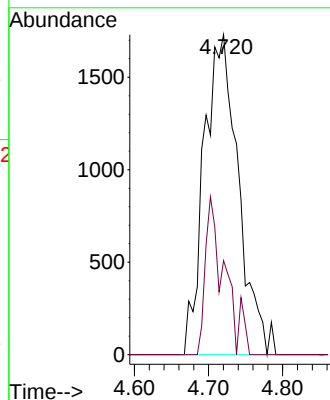
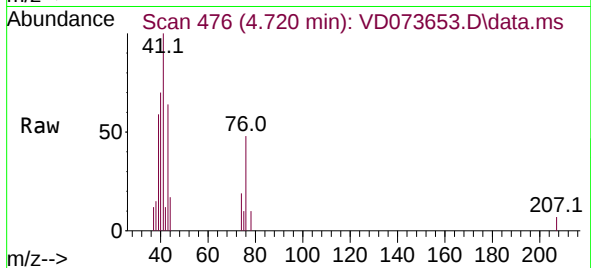




#18
Methyl Acetate
Concen: 4.373 ug/l
RT: 4.720 min Scan# 41
Delta R.T. 0.011 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

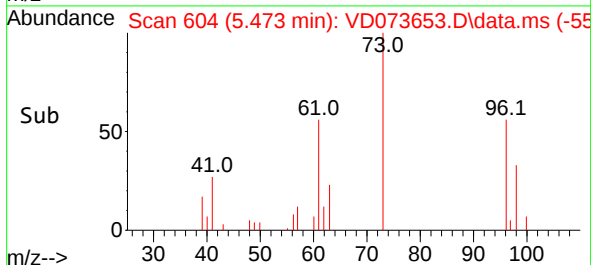
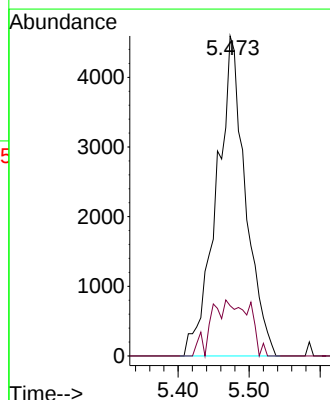
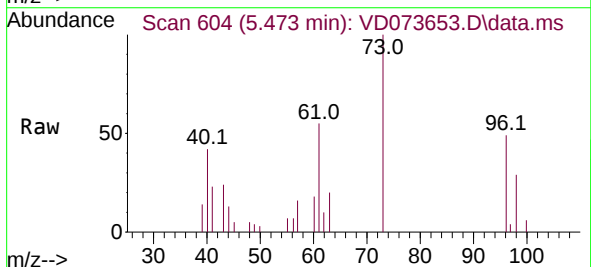
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

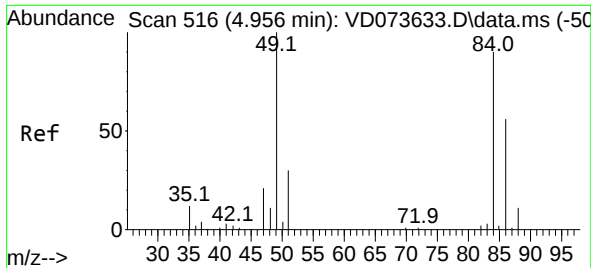
Tgt Ion: 43 Resp: 5573
Ion Ratio Lower Upper
43 100
74 25.0 21.2 31.8



#19
Methyl tert-butyl Ether
Concen: 2.623 ug/l
RT: 5.473 min Scan# 604
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 73 Resp: 13023
Ion Ratio Lower Upper
73 100
57 15.7 17.7 26.5#

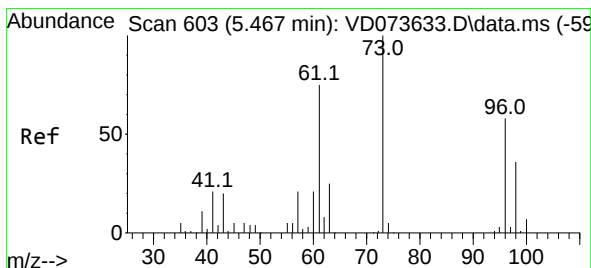
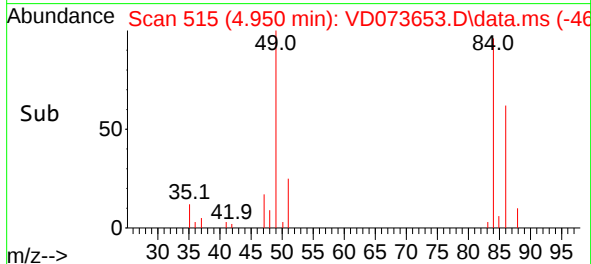
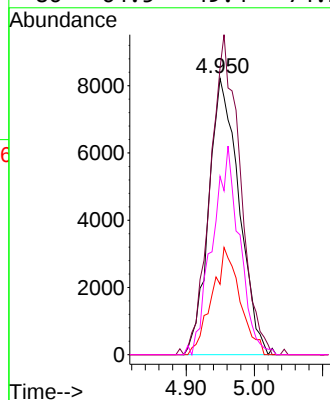
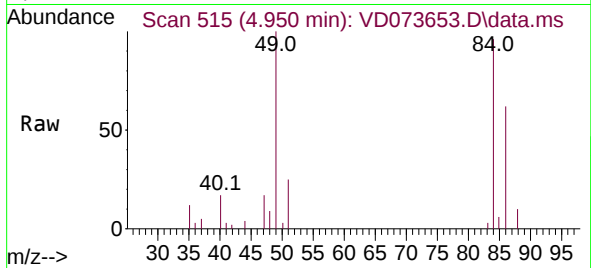




#20
Methylene Chloride
Concen: 7.961 ug/l
RT: 4.950 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

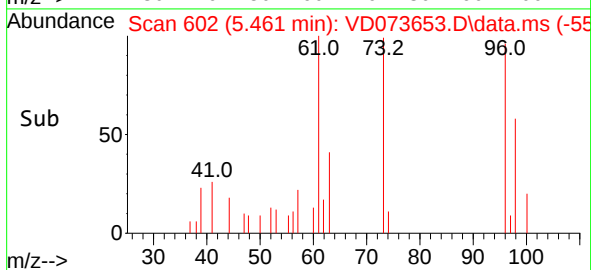
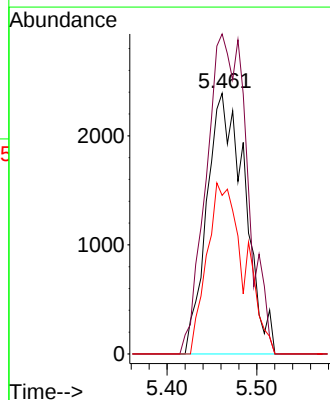
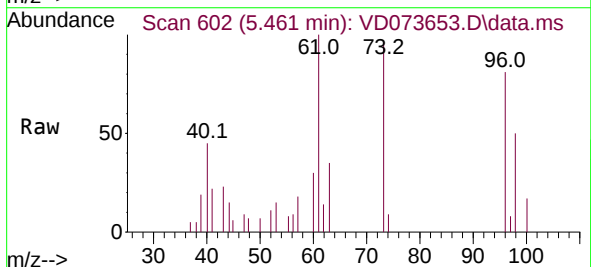
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

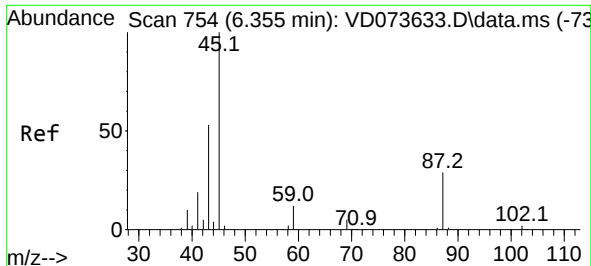
Tgt Ion: 84	Resp: 25387
Ion Ratio	Lower Upper
84 100	
49 103.7	89.0 133.6
51 25.5	26.7 40.1#
86 64.5	49.4 74.2



#21
trans-1,2-Dichloroethene
Concen: 2.818 ug/l
RT: 5.461 min Scan# 602
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 96	Resp: 7032		
Ion Ratio	Lower	Upper	
96	100		
61	122.8	103.2	154.8
98	60.8	50.2	75.4

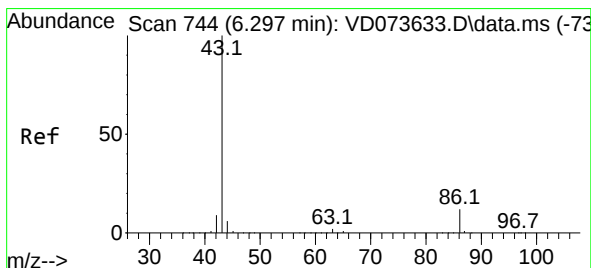
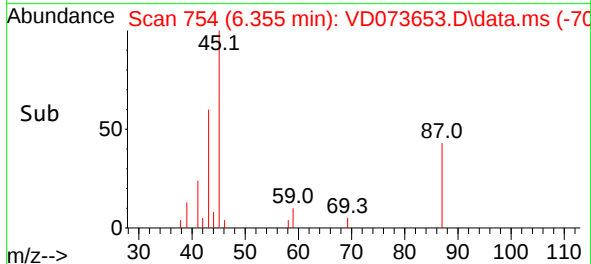
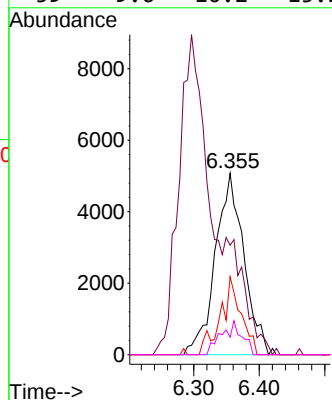
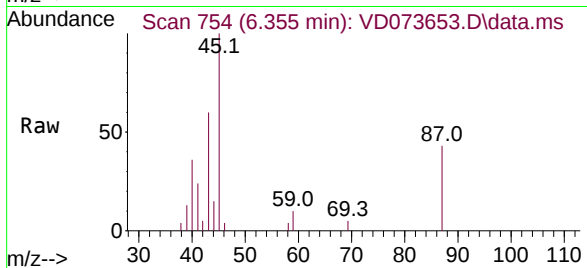




#22
Diisopropyl ether
Concen: 2.270 ug/l
RT: 6.355 min Scan# 754
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

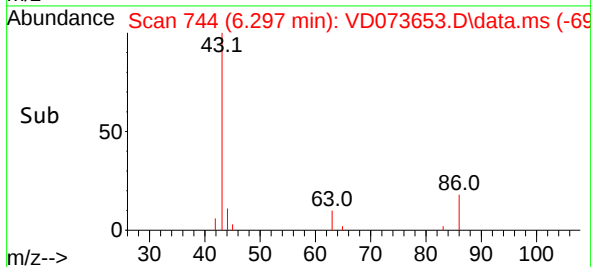
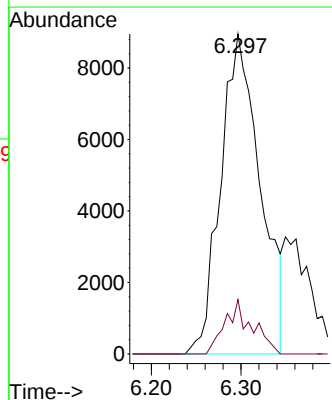
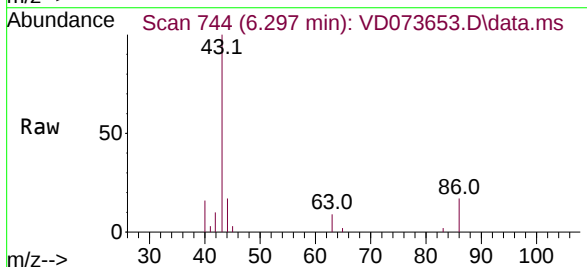
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

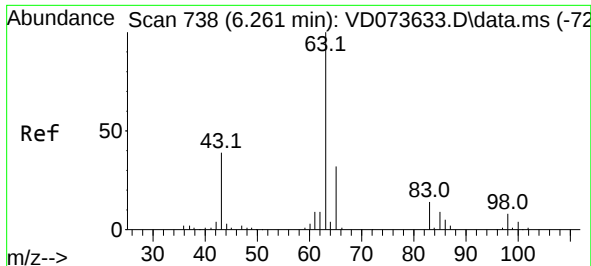
Tgt Ion:	45	Resp:	15377
Ion	Ratio	Lower	Upper
45	100		
43	60.3	43.8	65.6
87	43.0	23.8	35.6#
59	9.6	10.2	15.2#



#23
Vinyl Acetate
Concen: 7.750 ug/l
RT: 6.297 min Scan# 744
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:	43	Resp:	27455
Ion	Ratio	Lower	Upper
43	100		
86	17.0	9.4	14.0#

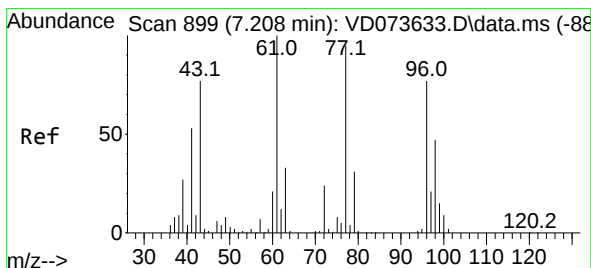
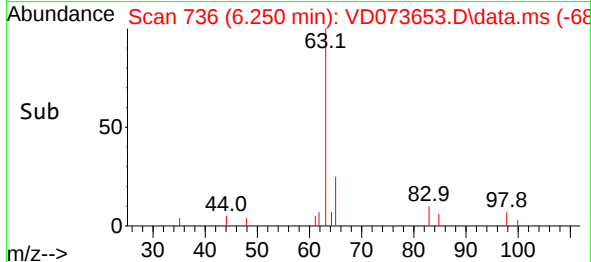
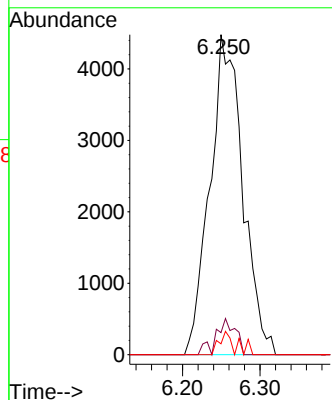
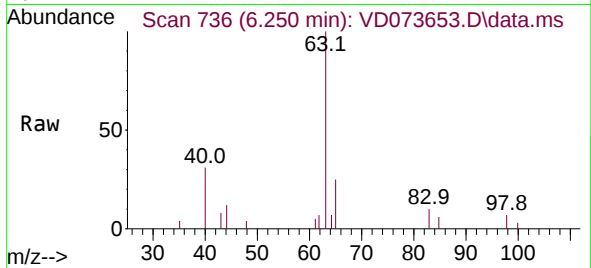




#24
1,1-Dichloroethane
Concen: 2.911 ug/l
RT: 6.250 min Scan# 71
Delta R.T. -0.012 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

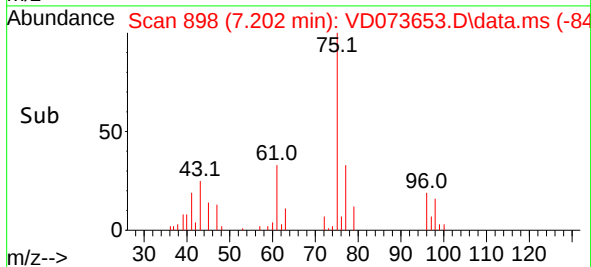
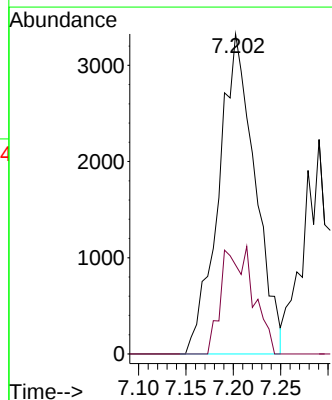
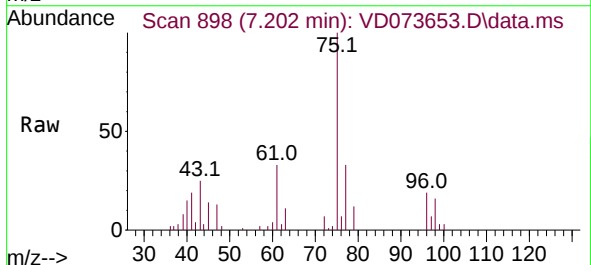
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

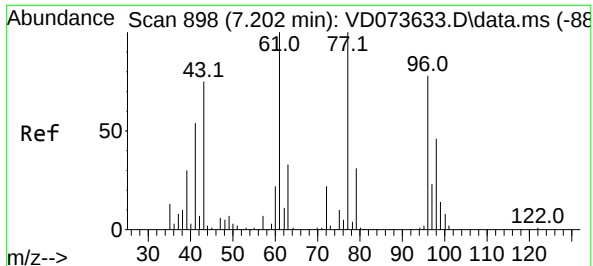
Tgt Ion: 63 Resp: 13203
Ion Ratio Lower Upper
63 100
98 6.9 4.1 12.3
100 3.4 2.1 6.2



#25
2-Butanone
Concen: 15.396 ug/l
RT: 7.202 min Scan# 898
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 43 Resp: 8926
Ion Ratio Lower Upper
43 100
72 27.8 24.7 37.1





#26

2,2-Dichloropropane

Concen: 3.323 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

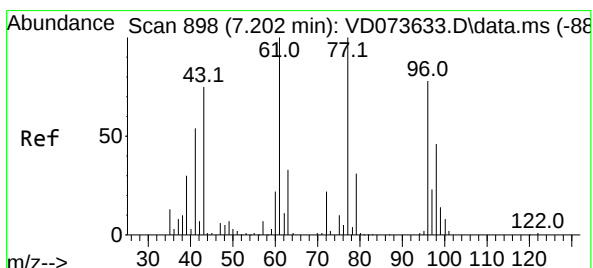
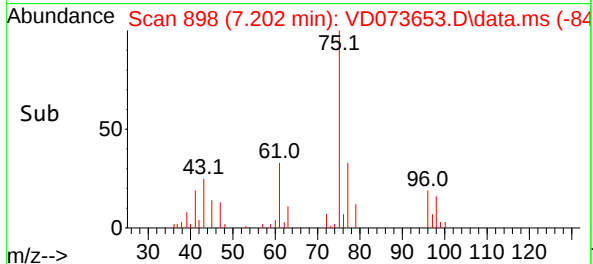
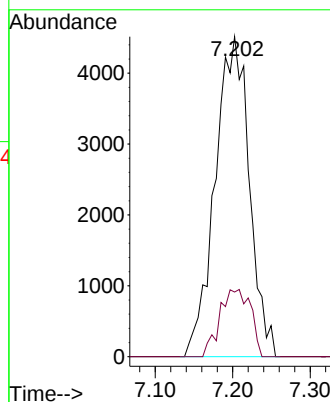
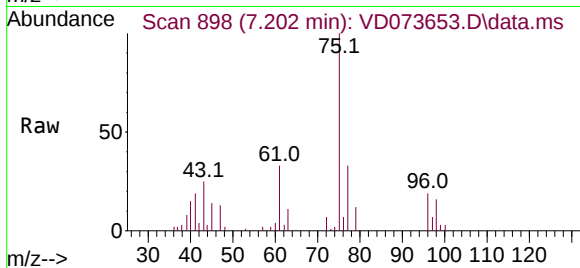
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 77 Resp: 13851

Ion Ratio Lower Upper

77 100

97 19.0 11.4 34.2



#27

cis-1,2-Dichloroethene

Concen: 2.455 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

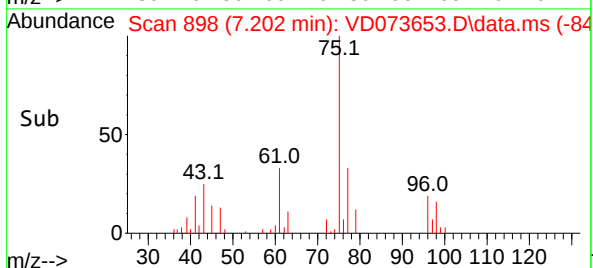
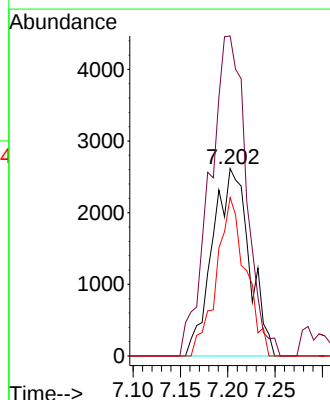
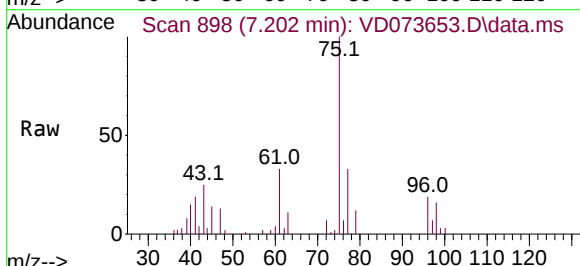
Tgt Ion: 96 Resp: 7067

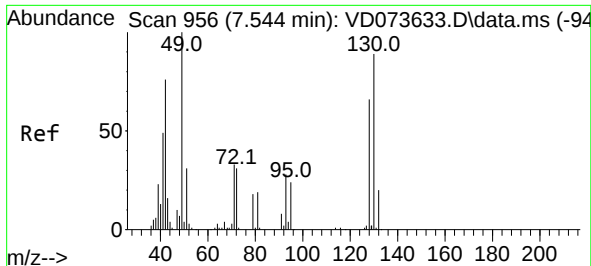
Ion Ratio Lower Upper

96 100

61 170.2 0.0 273.2

98 67.3 0.0 126.8

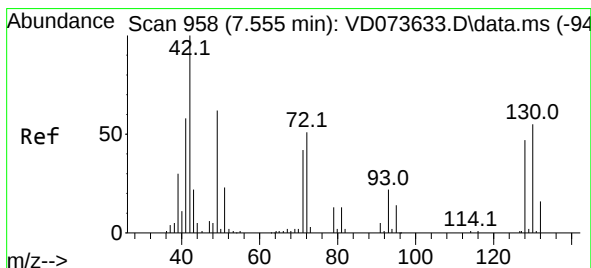
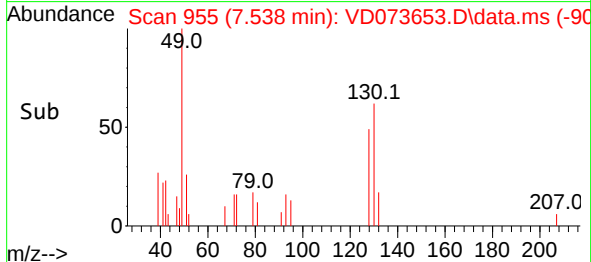
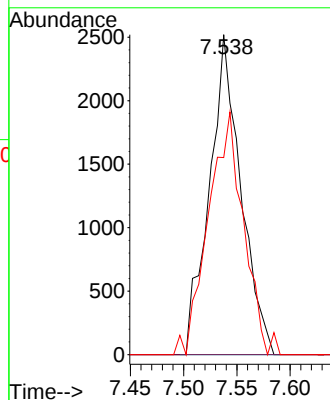
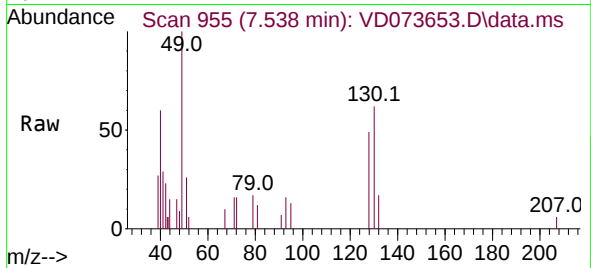




#28
Bromochloromethane
Concen: 3.055 ug/l
RT: 7.538 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

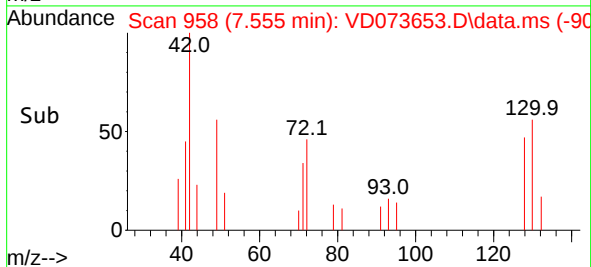
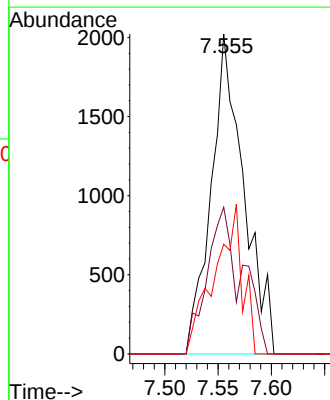
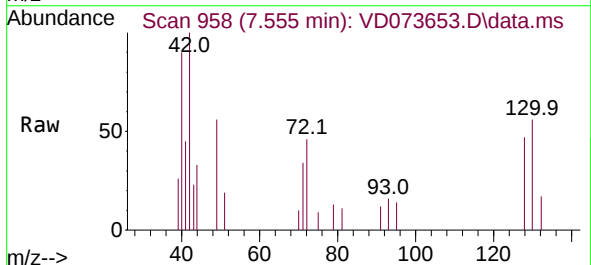
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

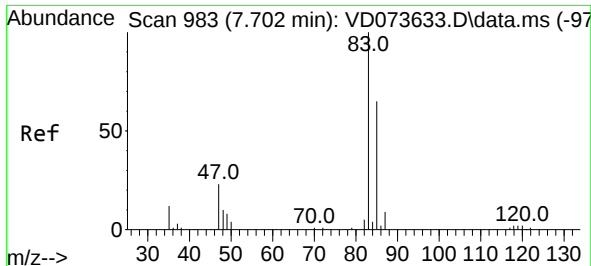
Tgt Ion: 49 Resp: 5190
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.8
130 84.5 72.2 108.2



#29
Tetrahydrofuran
Concen: 12.003 ug/l
RT: 7.555 min Scan# 958
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 42 Resp: 4316
Ion Ratio Lower Upper
42 100
72 35.4 37.9 56.9#
71 40.1 35.2 52.8

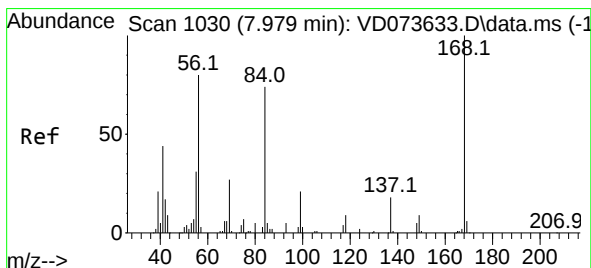
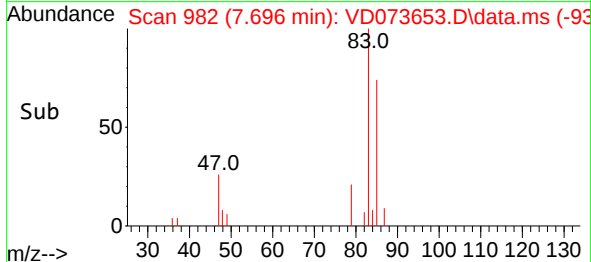
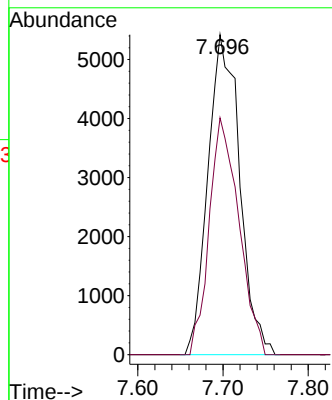
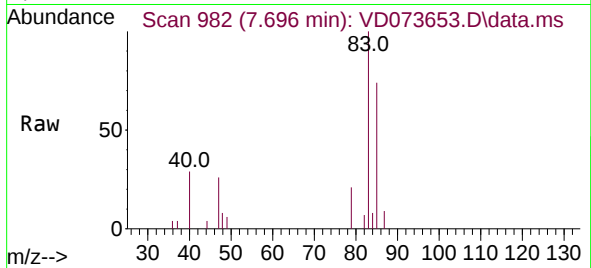




#30
Chloroform
Concen: 2.730 ug/l
RT: 7.696 min Scan# 91
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

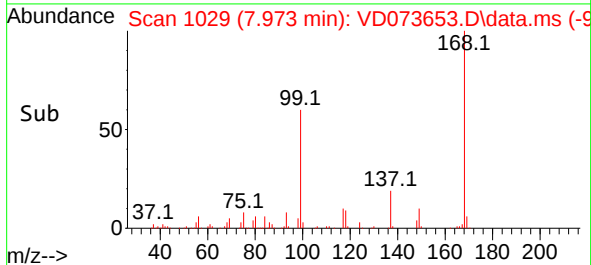
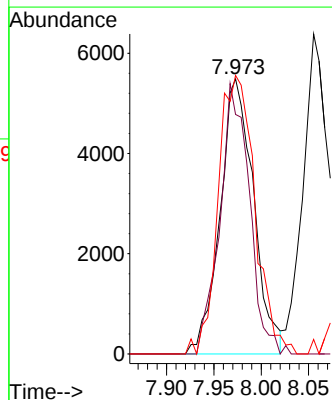
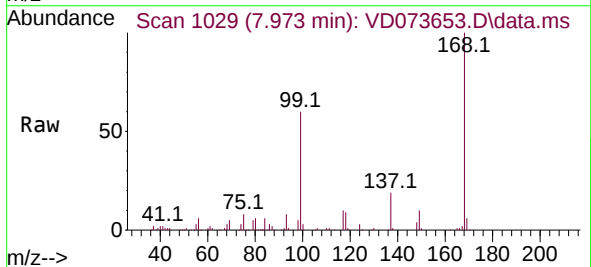
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

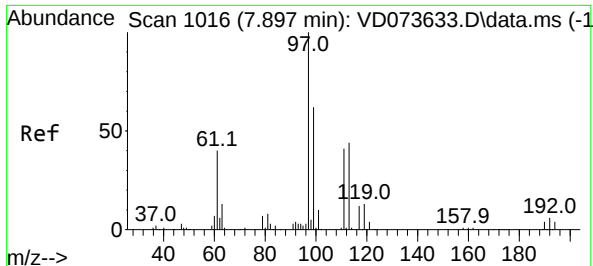
Tgt Ion: 83 Resp: 14021
Ion Ratio Lower Upper
83 100
85 74.0 51.8 77.8



#31
Cyclohexane
Concen: 3.543 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 56 Resp: 13505
Ion Ratio Lower Upper
56 100
69 87.1 26.9 40.3#
84 101.2 73.8 110.8





#32

1,1,1-Trichloroethane

Concen: 2.857 ug/l

RT: 7.891 min Scan# 1015

Delta R.T. -0.006 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

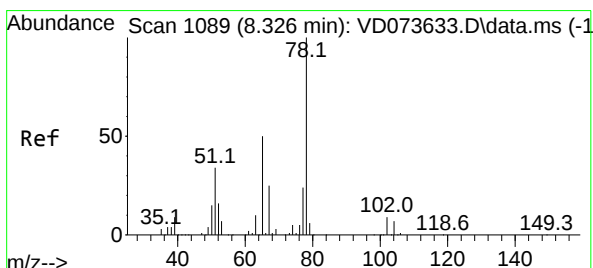
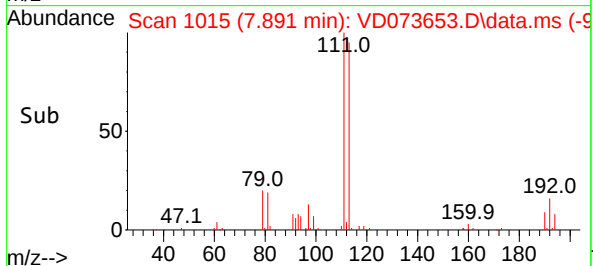
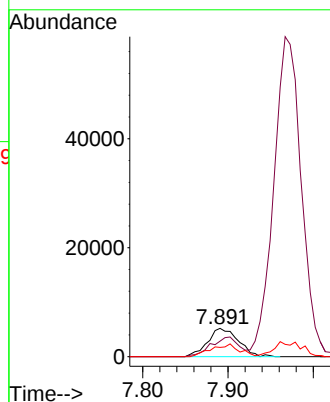
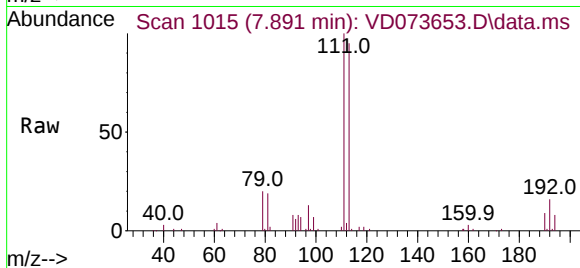
Tgt Ion: 97 Resp: 13057

Ion Ratio Lower Upper

97 100

99 61.9 51.0 76.4

61 40.7 32.7 49.1



#33

1,2-Dichloroethane-d4

Concen: 52.120 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD073653.D

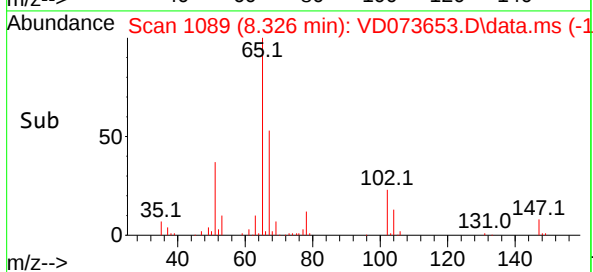
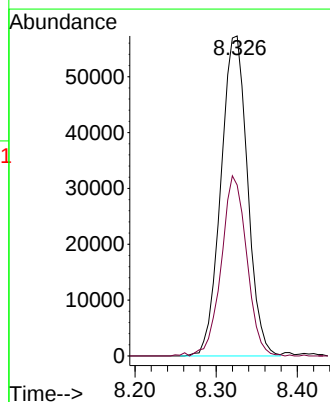
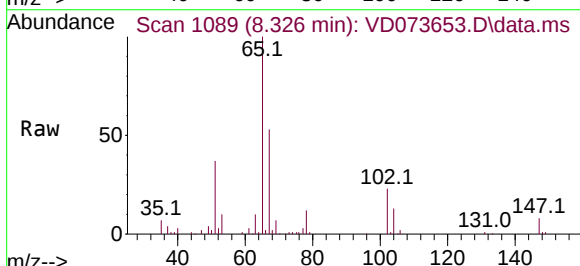
Acq: 22 Jun 2022 14:28

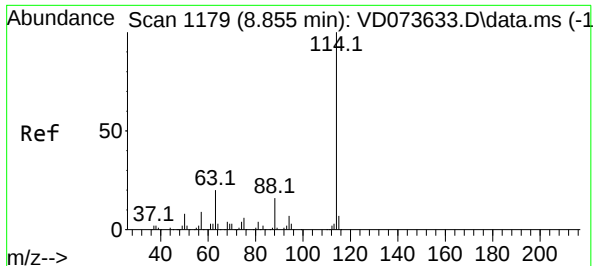
Tgt Ion: 65 Resp: 130573

Ion Ratio Lower Upper

65 100

67 53.9 0.0 102.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

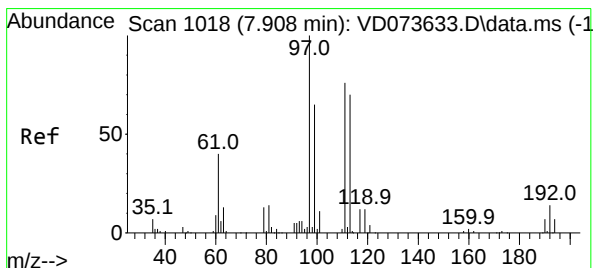
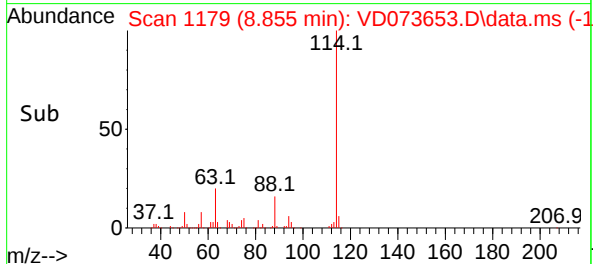
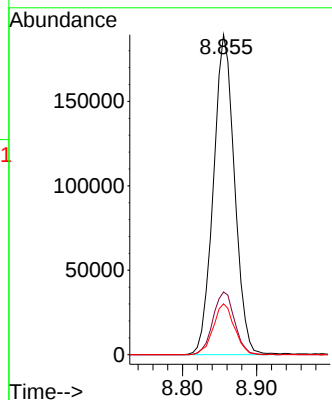
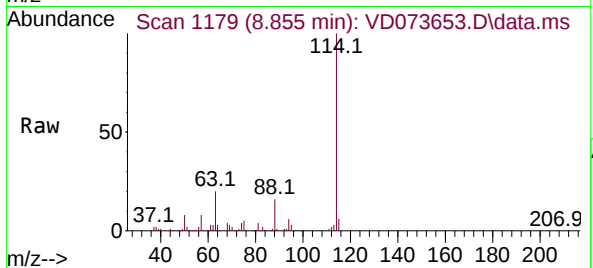
Tgt Ion:114 Resp: 375138

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.4

88 15.9 0.0 32.2



#35

Dibromofluoromethane

Concen: 49.371 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

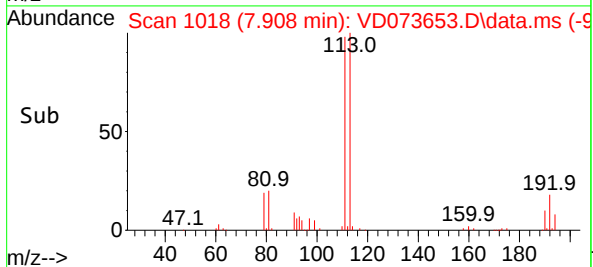
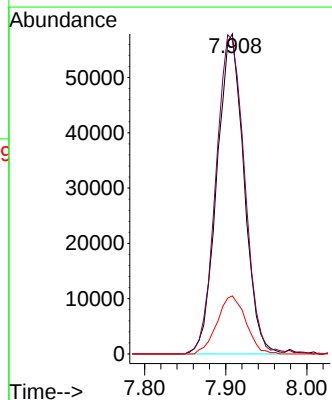
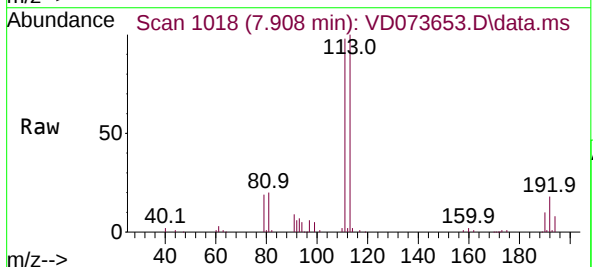
Tgt Ion:113 Resp: 134358

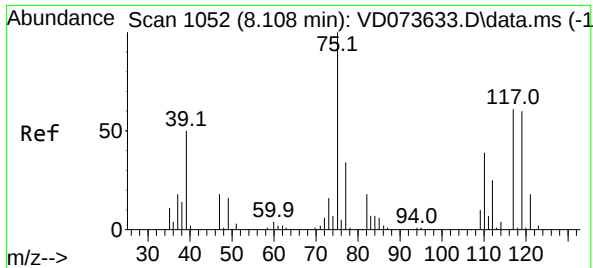
Ion Ratio Lower Upper

113 100

111 105.2 81.1 121.7

192 19.2 14.3 21.5

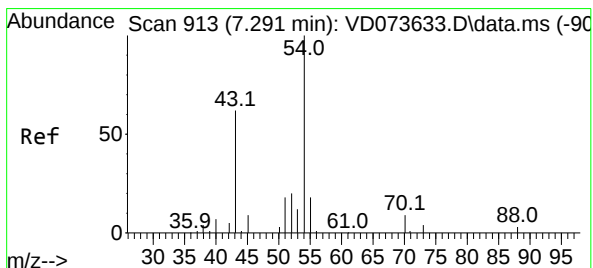
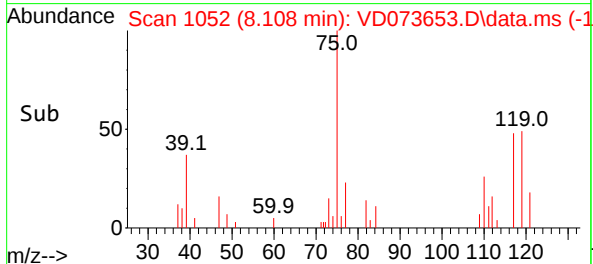
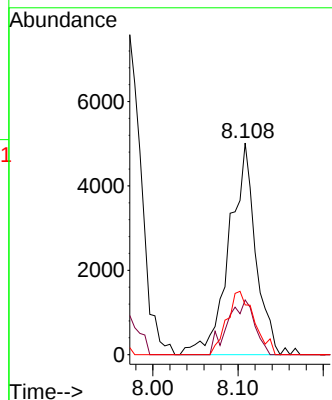
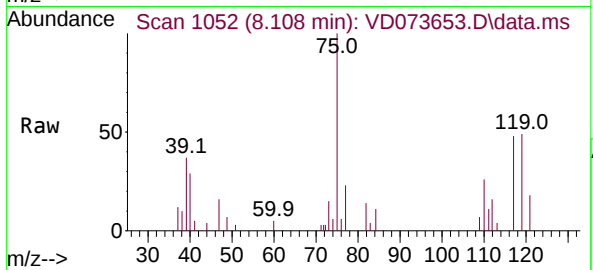




#36
1,1-Dichloropropene
Concen: 2.829 ug/l
RT: 8.108 min Scan# 1052
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

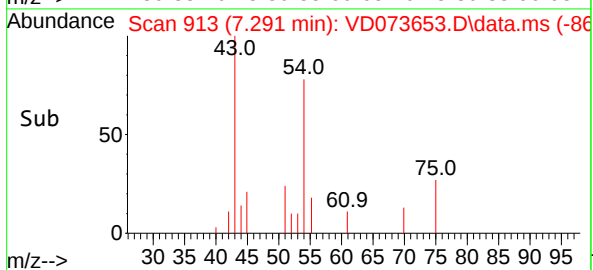
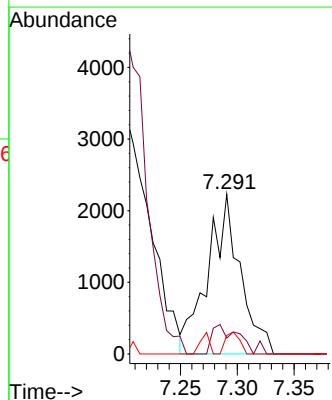
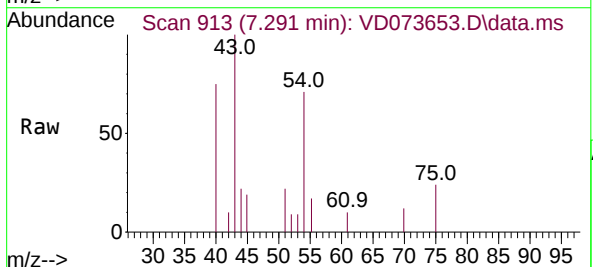
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

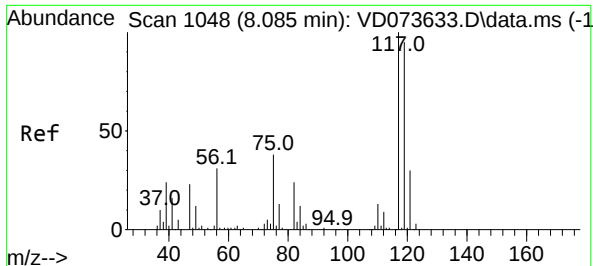
Tgt Ion: 75 Resp: 10784
Ion Ratio Lower Upper
75 100
110 26.4 18.4 55.4
77 30.9 25.7 38.5



#37
Ethyl Acetate
Concen: 3.018 ug/l
RT: 7.291 min Scan# 913
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

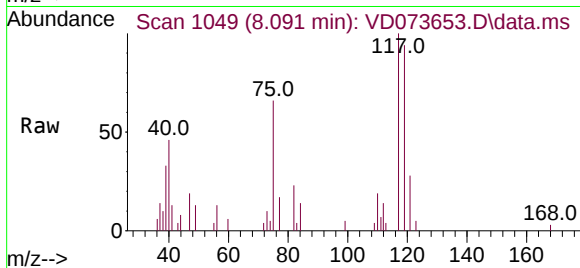
Tgt Ion: 43 Resp: 4426
Ion Ratio Lower Upper
43 100
61 15.5 10.5 15.7
70 6.0 8.9 13.3#



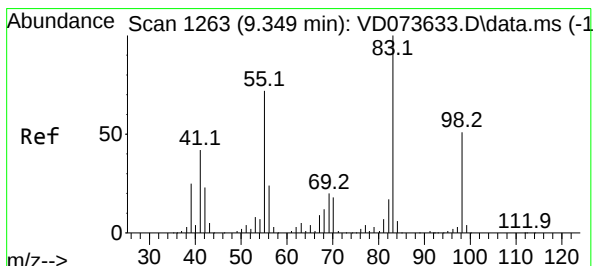
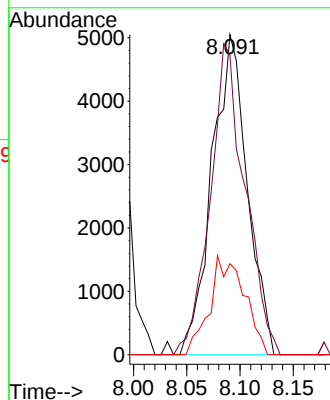
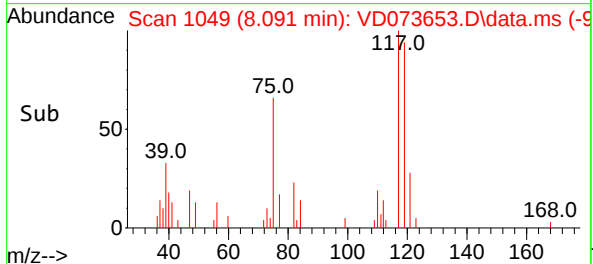


#38
Carbon Tetrachloride
Concen: 2.690 ug/l
RT: 8.091 min Scan# 1049
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

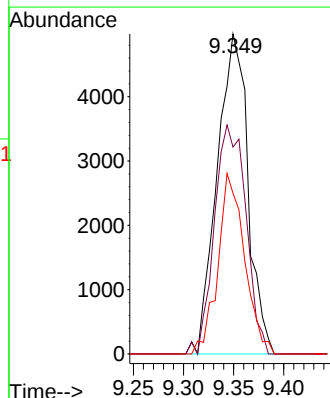
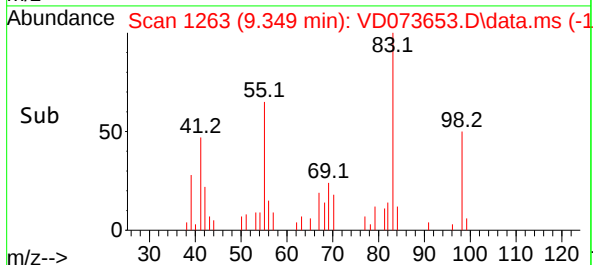
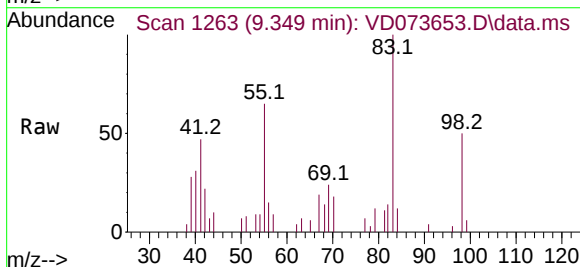


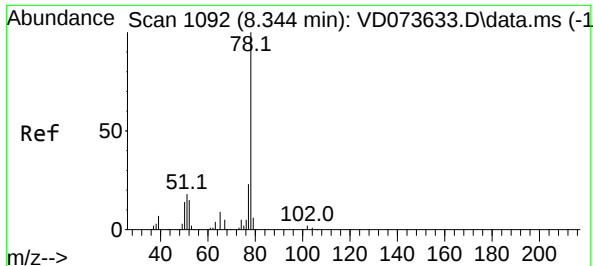
Tgt Ion:117 Resp: 11647
Ion Ratio Lower Upper
117 100
119 93.7 75.6 113.4
121 28.5 24.2 36.4



#39
Methylcyclohexane
Concen: 2.523 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 83 Resp: 10657
Ion Ratio Lower Upper
83 100
55 64.7 57.4 86.2
98 50.2 40.6 60.8

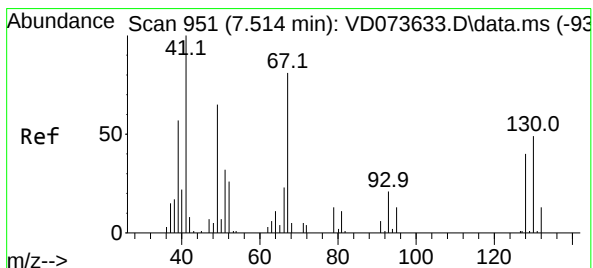
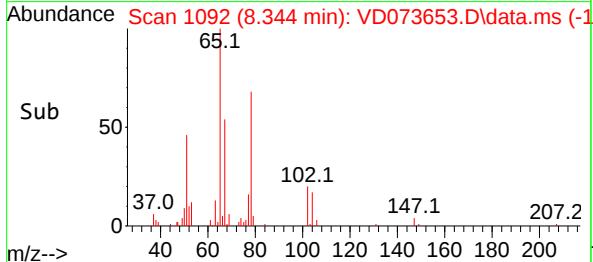
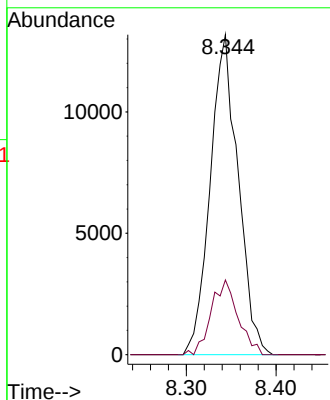
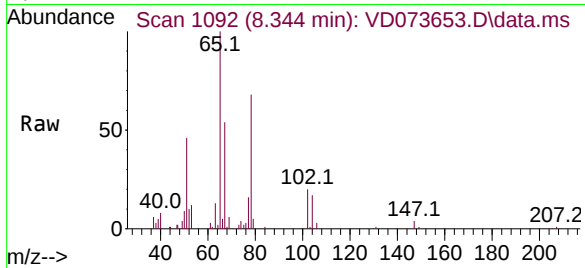




#40
Benzene
Concen: 2.578 ug/l
RT: 8.344 min Scan# 1092
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

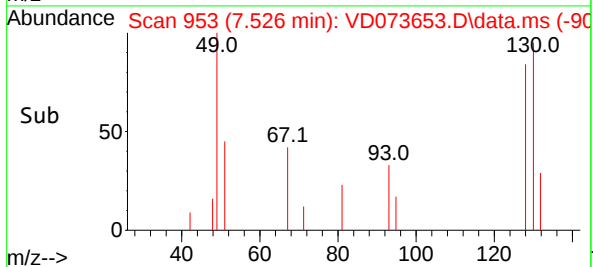
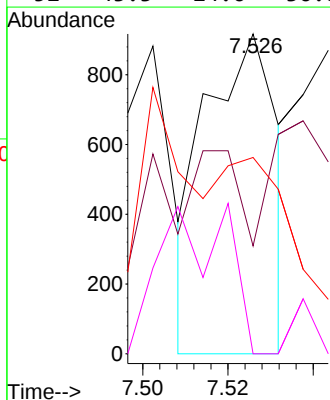
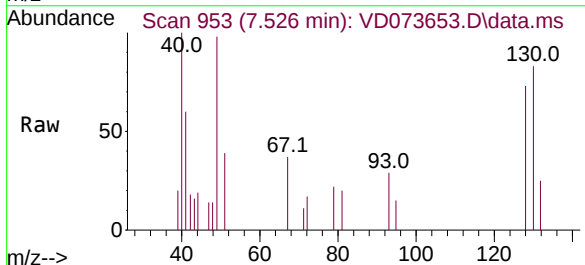
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

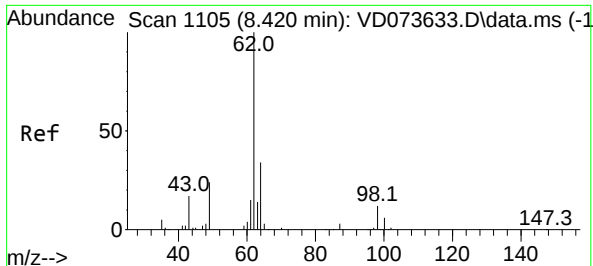
Tgt Ion: 78 Resp: 28428
Ion Ratio Lower Upper
78 100
77 23.4 18.6 27.8



#41
Methacrylonitrile
Concen: 1.324 ug/l
RT: 7.526 min Scan# 953
Delta R.T. 0.012 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 41 Resp: 1075
Ion Ratio Lower Upper
41 100
39 101.1 43.0 64.6#
67 0.0 60.8 91.2#
52 43.3 24.6 36.8#





#42

1,2-Dichloroethane

Concen: 2.589 ug/l

RT: 8.414 min Scan# 1104

Delta R.T. -0.006 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

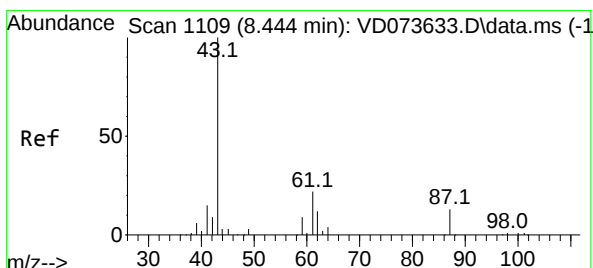
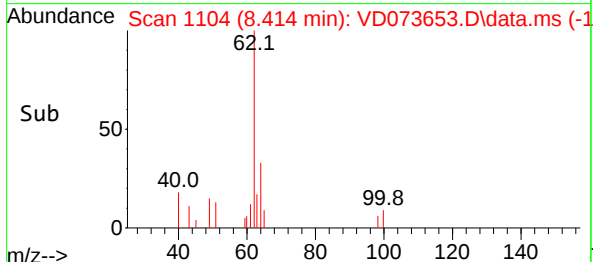
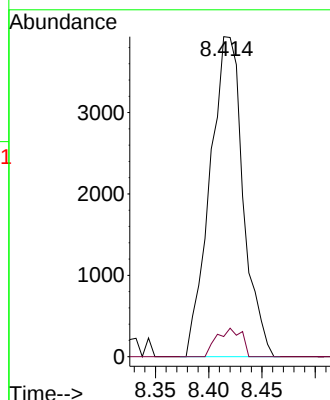
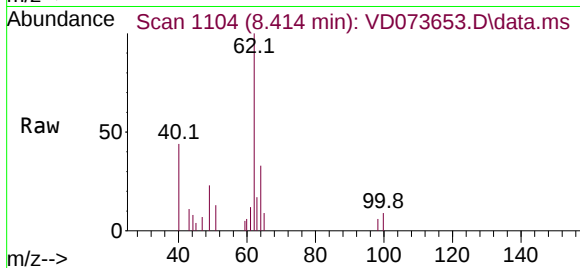
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 62 Resp: 8527

Ion Ratio Lower Upper

62 100

98 6.6 0.0 20.6



#43

Isopropyl Acetate

Concen: 2.600 ug/l

RT: 8.444 min Scan# 1109

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

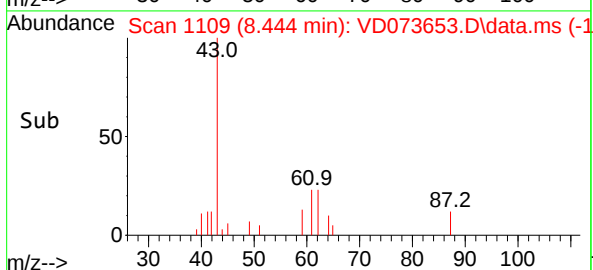
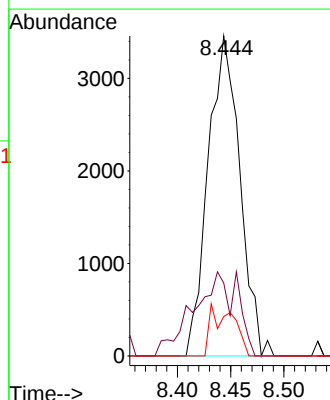
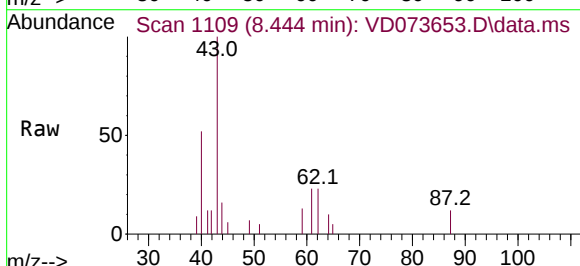
Tgt Ion: 43 Resp: 7180

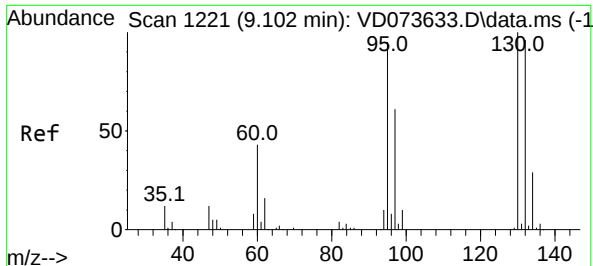
Ion Ratio Lower Upper

43 100

61 35.9 27.0 40.6

87 11.4 11.8 17.8#

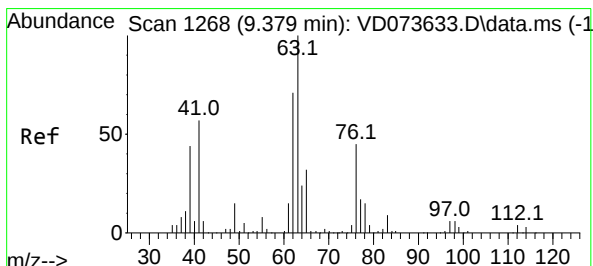
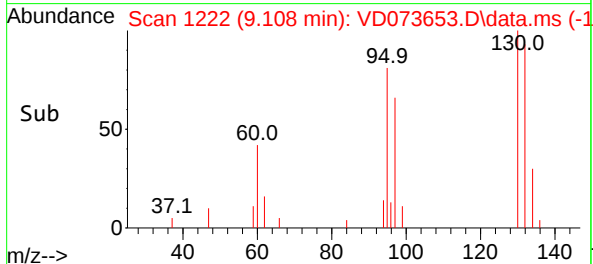
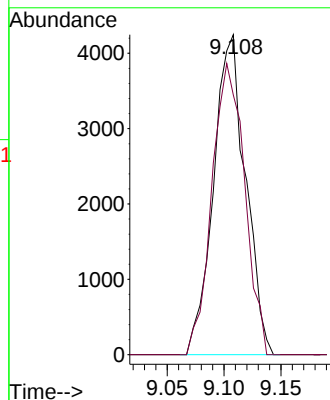
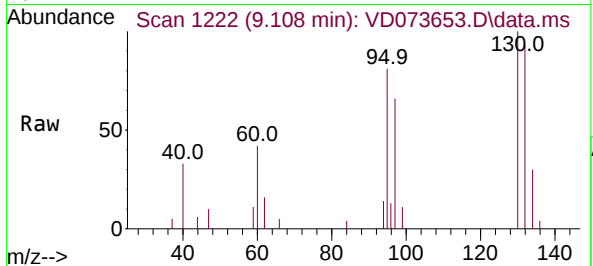




#44
Trichloroethene
Concen: 2.652 ug/l
RT: 9.108 min Scan# 1221
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

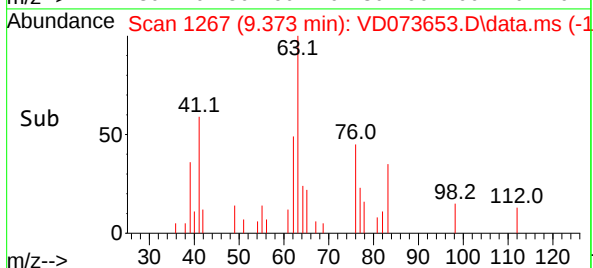
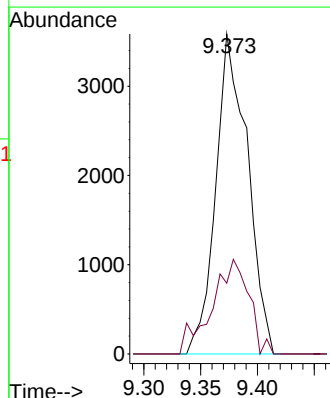
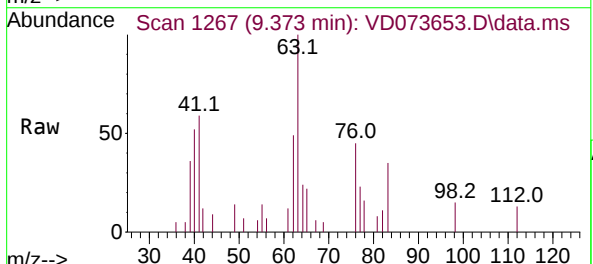
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

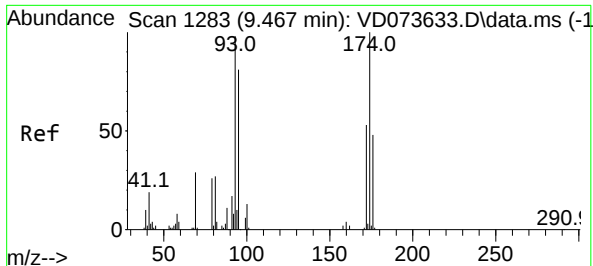
Tgt Ion:130 Resp: 8329
Ion Ratio Lower Upper
130 100
95 81.1 0.0 190.0



#45
1,2-Dichloropropane
Concen: 2.513 ug/l
RT: 9.373 min Scan# 1267
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 63 Resp: 6964
Ion Ratio Lower Upper
63 100
65 22.1 25.3 37.9#

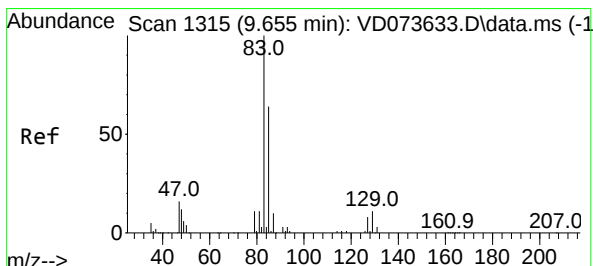
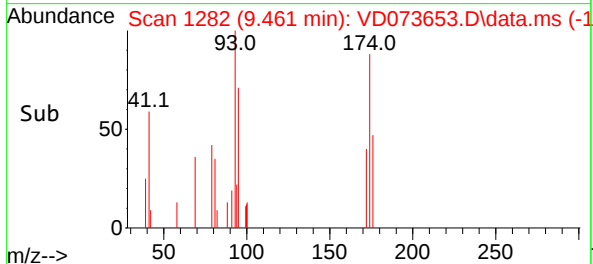
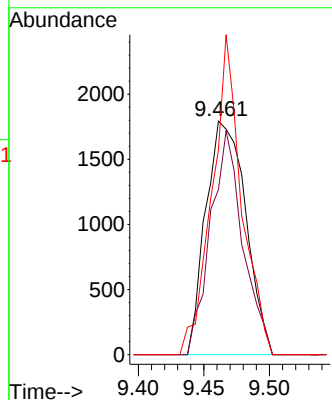
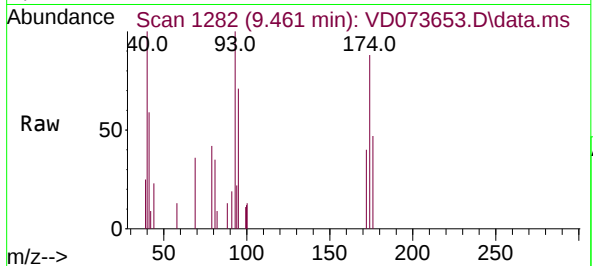




#46
Dibromomethane
Concen: 2.411 ug/l
RT: 9.461 min Scan# 1282
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

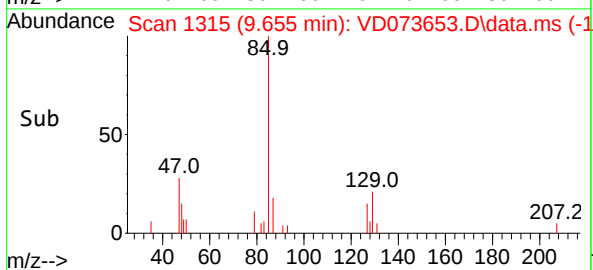
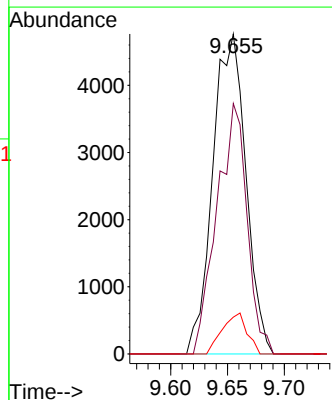
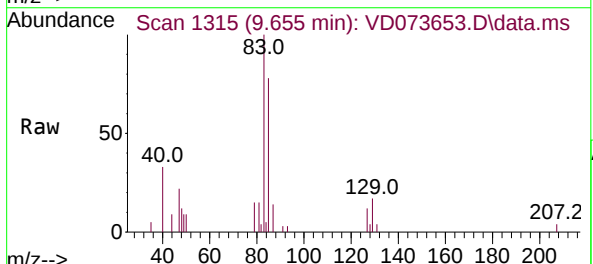
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

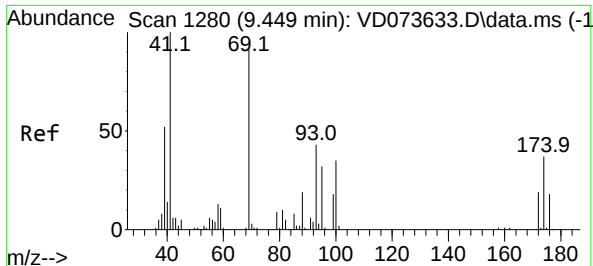
Tgt Ion: 93 Resp: 3793
Ion Ratio Lower Upper
93 100
95 77.7 66.3 99.5
174 101.2 81.1 121.7



#47
Bromodichloromethane
Concen: 2.353 ug/l
RT: 9.655 min Scan# 1315
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 83 Resp: 9636
Ion Ratio Lower Upper
83 100
85 78.3 51.4 77.2#
127 11.5 6.4 9.6#





#48

Methyl methacrylate

Concen: 1.584 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

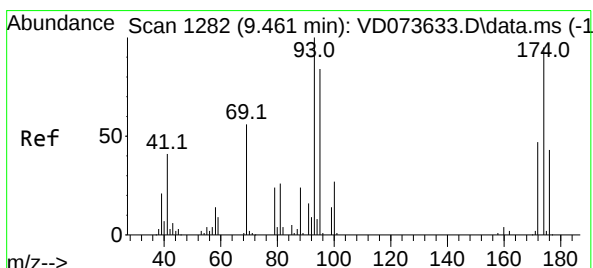
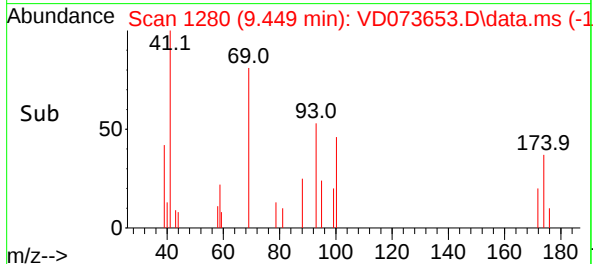
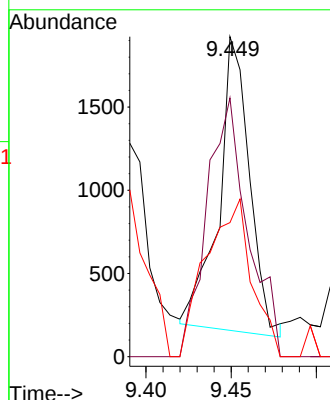
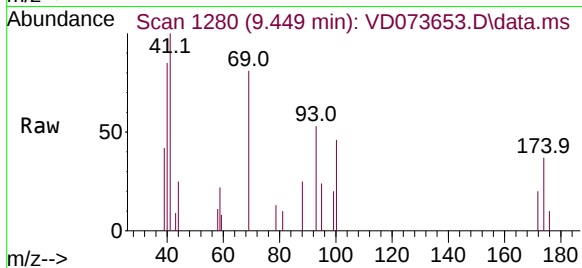
Tgt Ion: 41 Resp: 2214

Ion Ratio Lower Upper

41 100

69 117.6 67.6 101.4#

39 79.6 45.4 68.0#



#49

1,4-Dioxane

Concen: 51.844 ug/l

RT: 9.449 min Scan# 1280

Delta R.T. -0.012 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

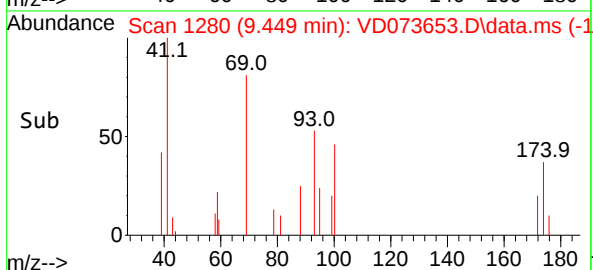
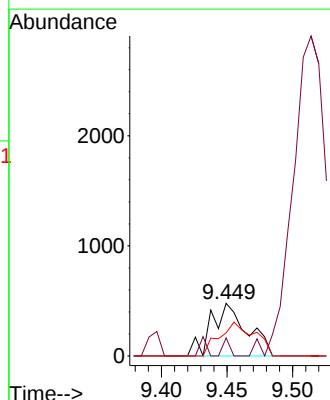
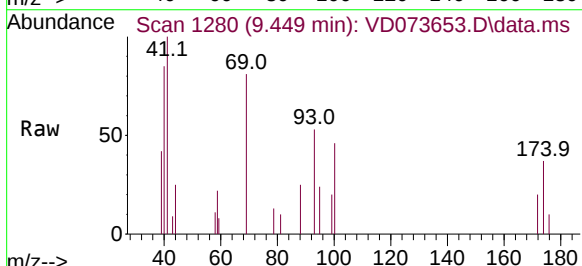
Tgt Ion: 88 Resp: 904

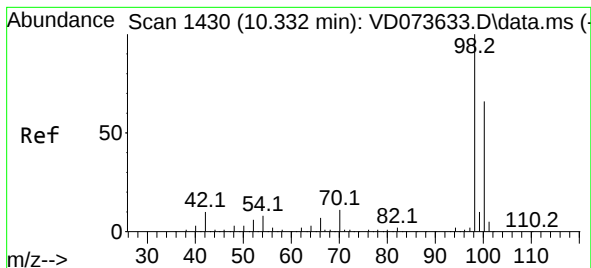
Ion Ratio Lower Upper

88 100

43 0.0 29.8 44.8#

58 63.7 56.9 85.3





#50

Toluene-d8

Concen: 46.897 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

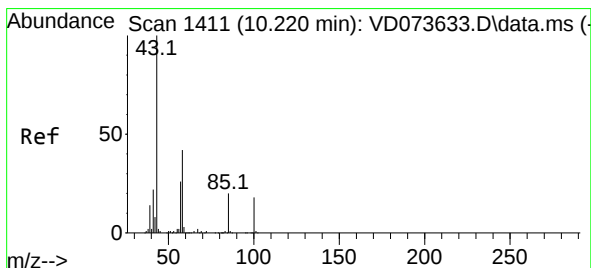
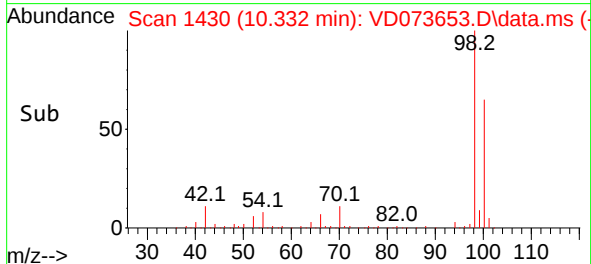
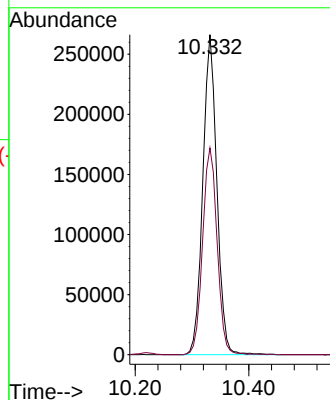
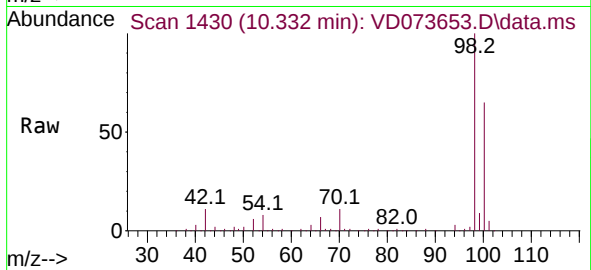
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 98 Resp: 456794

Ion Ratio Lower Upper

98 100

100 66.9 51.4 77.2



#51

4-Methyl-2-Pentanone

Concen: 11.732 ug/l

RT: 10.220 min Scan# 1411

Delta R.T. -0.000 min

Lab File: VD073653.D

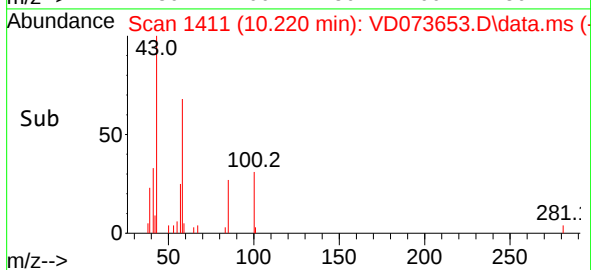
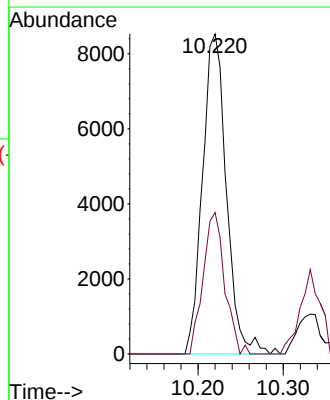
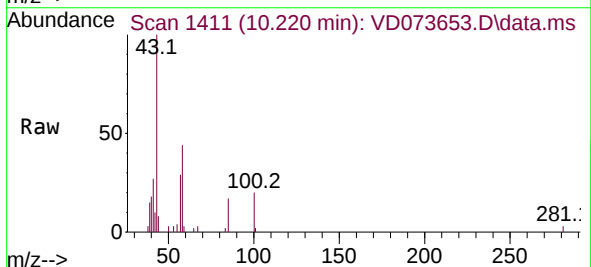
Acq: 22 Jun 2022 14:28

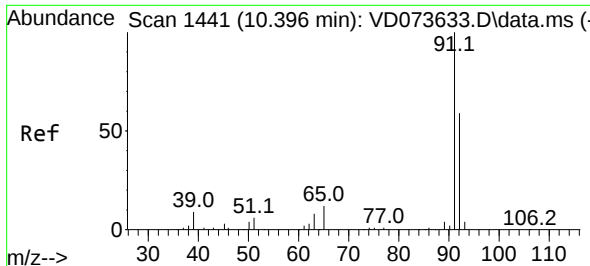
Tgt Ion: 43 Resp: 16631

Ion Ratio Lower Upper

43 100

58 39.8 32.4 48.6

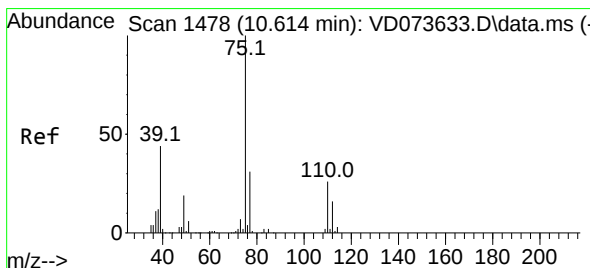
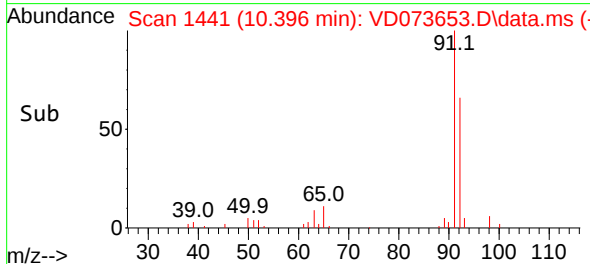
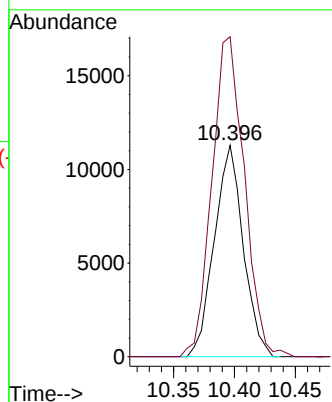
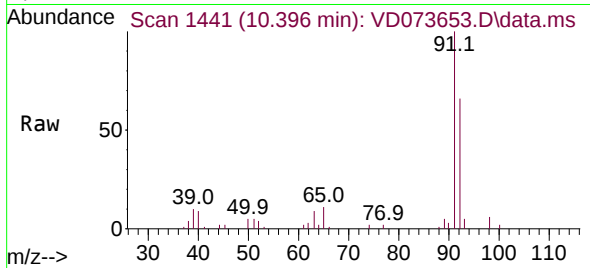




#52
Toluene
Concen: 2.586 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

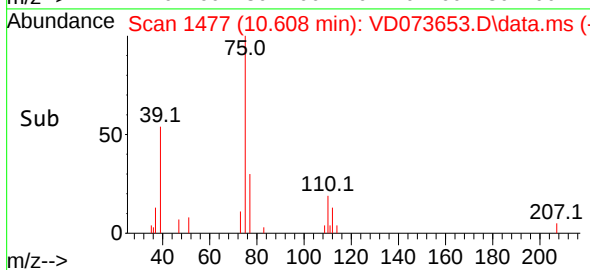
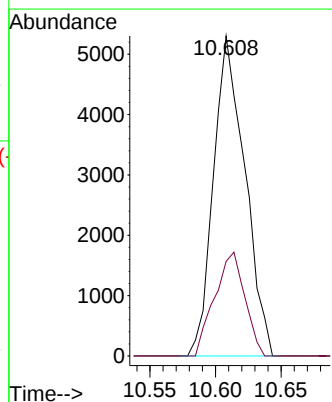
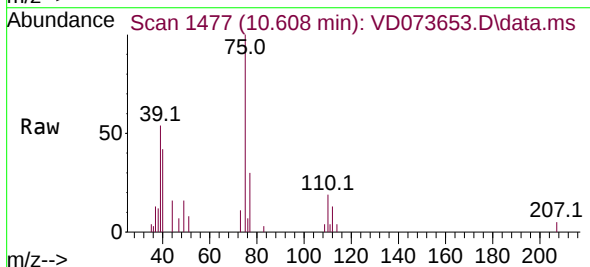
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

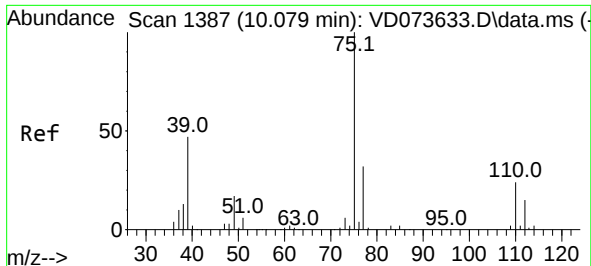
Tgt Ion: 92 Resp: 18637
Ion Ratio Lower Upper
92 100
91 169.8 136.1 204.1



#53
t-1,3-Dichloropropene
Concen: 2.353 ug/l
RT: 10.608 min Scan# 1477
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 75 Resp: 8824
Ion Ratio Lower Upper
75 100
77 29.5 24.6 36.8

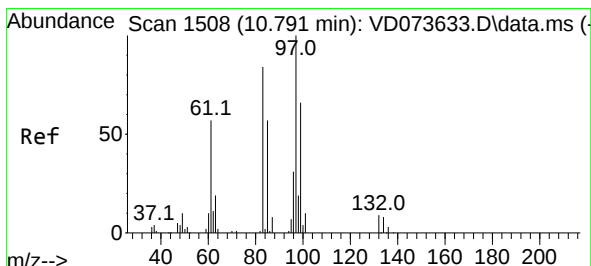
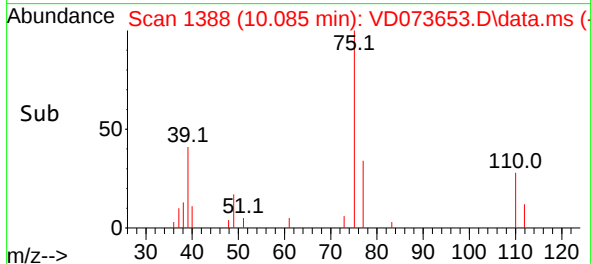
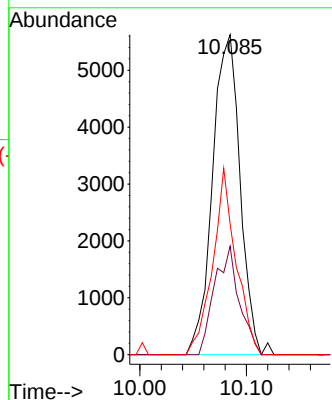
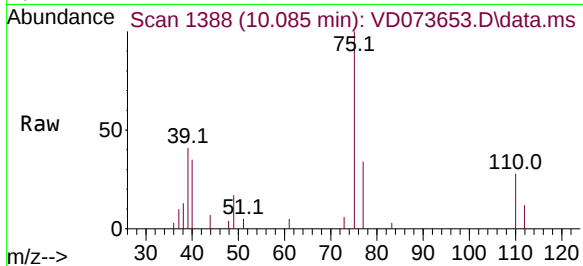




#54
 cis-1,3-Dichloropropene
 Concen: 2.309 ug/l
 RT: 10.085 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

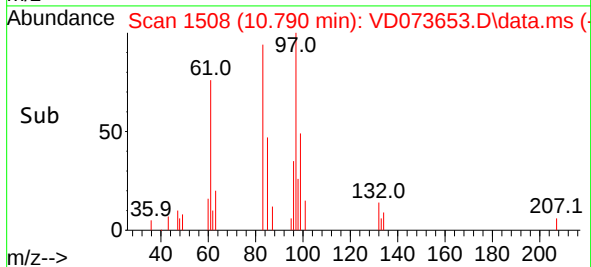
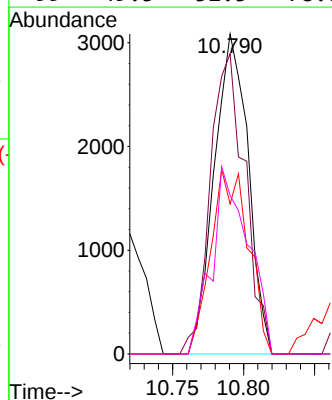
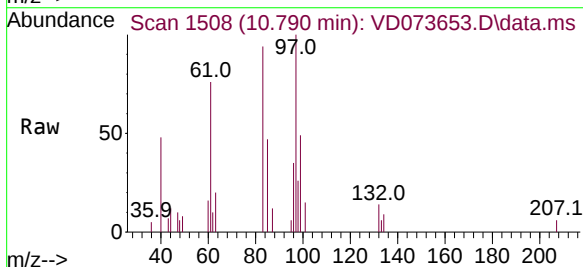
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

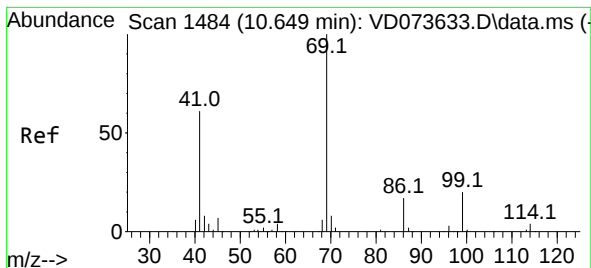
Tgt Ion: 75	Resp: 10124
Ion Ratio	Lower Upper
75 100	
77 33.9	25.8 38.8
39 40.8	37.9 56.9



#55
 1,1,2-Trichloroethane
 Concen: 2.307 ug/l
 RT: 10.790 min Scan# 1508
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Tgt Ion: 97	Resp: 5126
Ion Ratio	Lower Upper
97 100	
83 93.8	66.8 100.2
85 46.9	45.2 67.8
99 49.5	52.5 78.7#

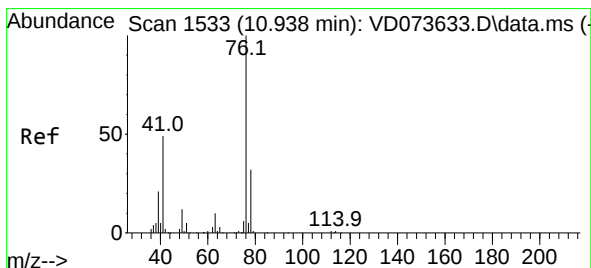
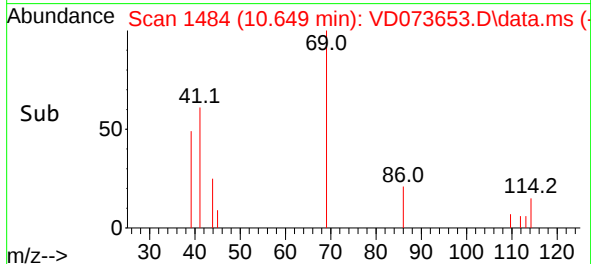
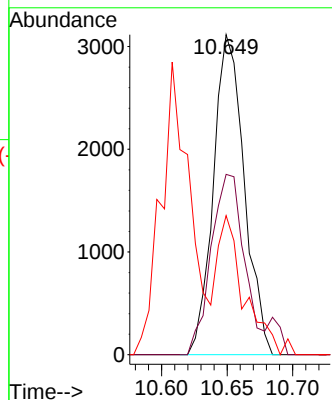
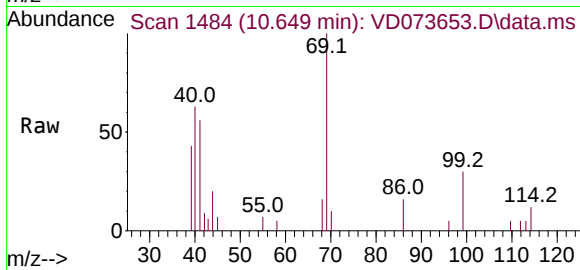




#56
Ethyl methacrylate
Concen: 2.080 ug/l
RT: 10.649 min Scan# 1484
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

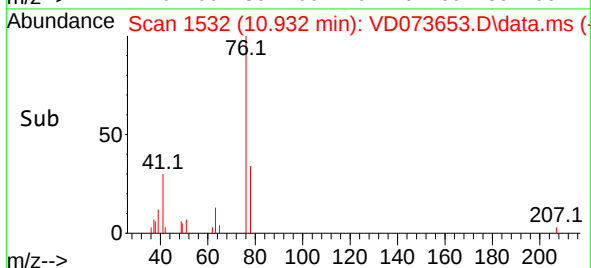
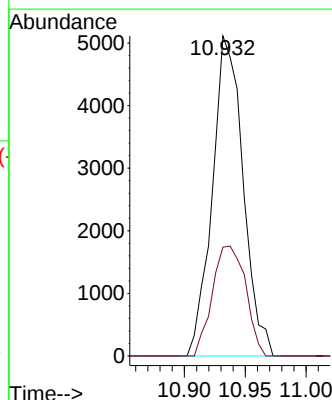
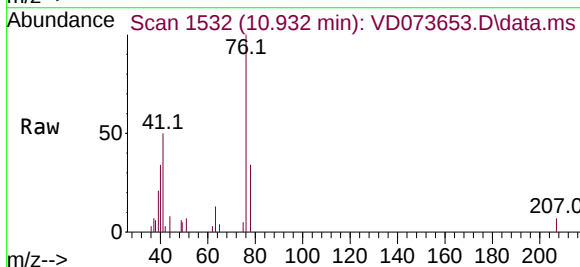
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

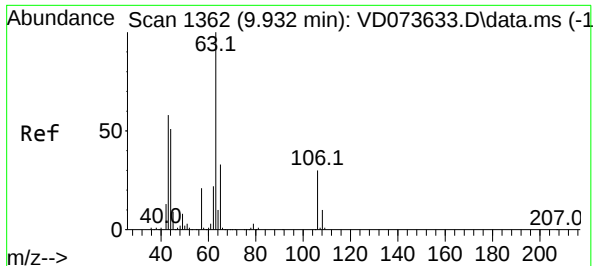
Tgt Ion:	69	Resp:	5099
Ion	Ratio	Lower	Upper
69	100		
41	65.7	50.8	76.2
39	38.1	26.2	39.4



#57
1,3-Dichloropropane
Concen: 2.456 ug/l
RT: 10.932 min Scan# 1532
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:	76	Resp:	8987
Ion	Ratio	Lower	Upper
76	100		
78	37.1	25.7	38.5

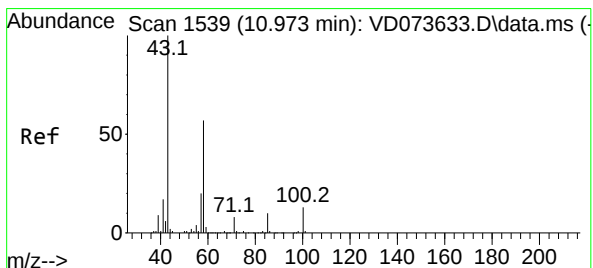
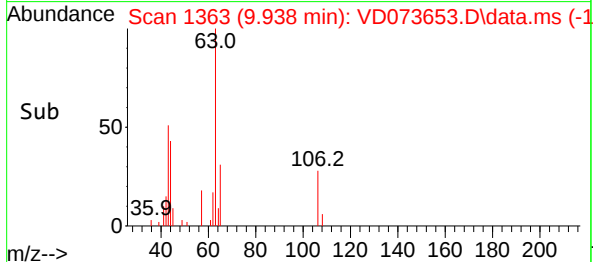
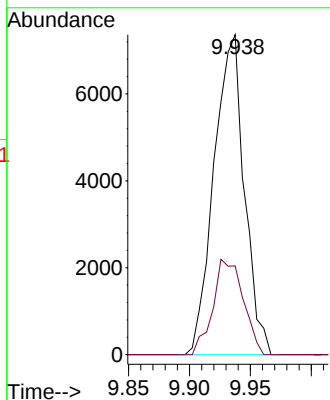
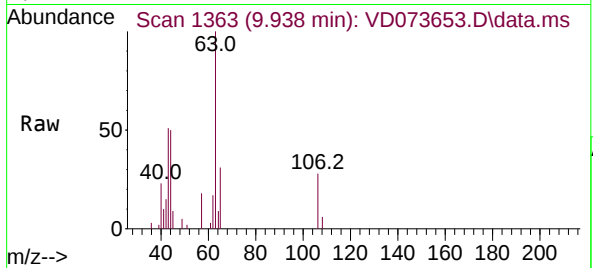




#58
2-Chloroethyl Vinyl ether
Concen: 12.956 ug/l
RT: 9.938 min Scan# 1363
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

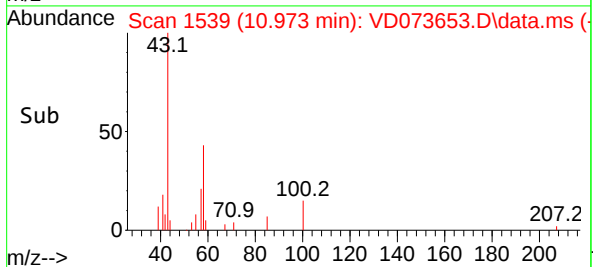
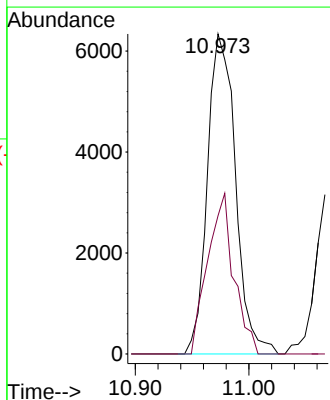
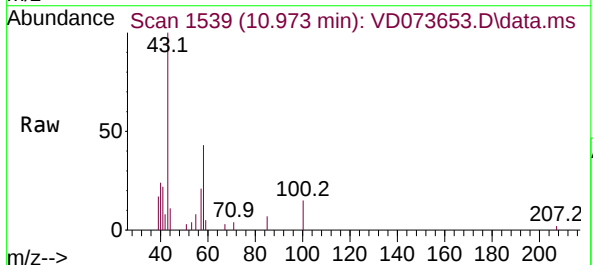
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

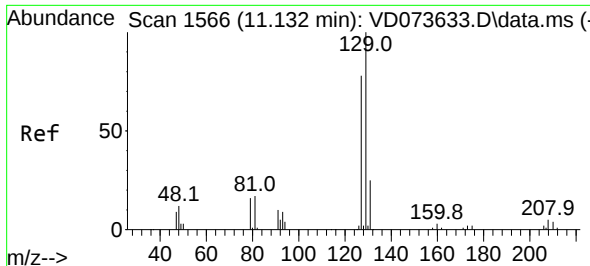
Tgt Ion: 63 Resp: 12776
Ion Ratio Lower Upper
63 100
106 29.7 23.7 35.5



#59
2-Hexanone
Concen: 11.149 ug/l
RT: 10.973 min Scan# 1539
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 43 Resp: 10899
Ion Ratio Lower Upper
43 100
58 46.8 28.1 84.2

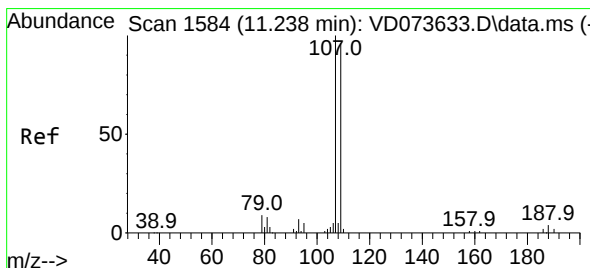
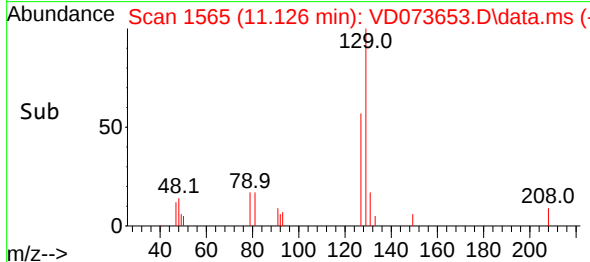
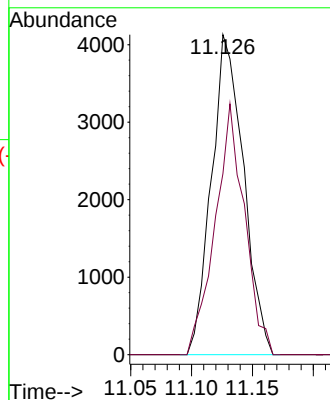
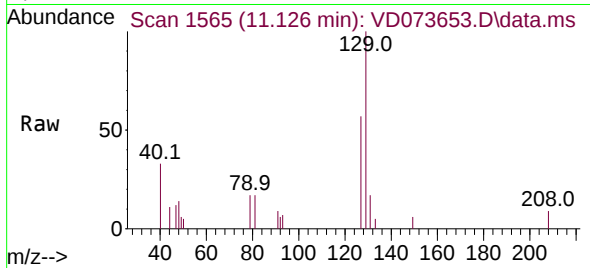




#60
Dibromochloromethane
Concen: 2.616 ug/l
RT: 11.126 min Scan# 1565
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

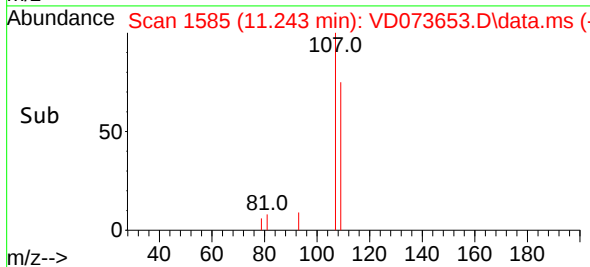
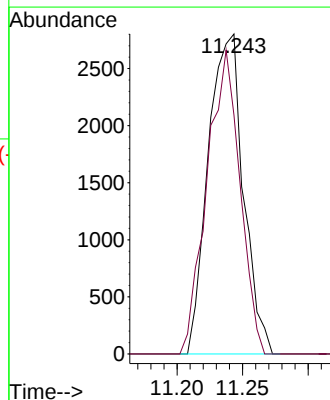
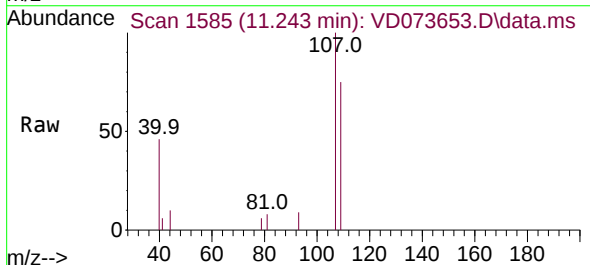
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

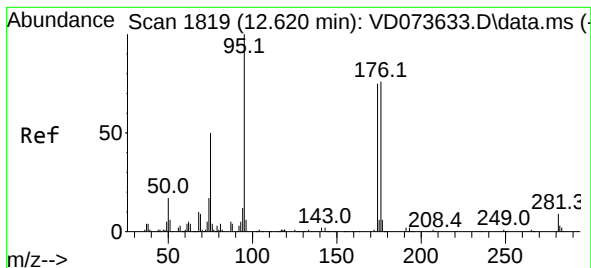
Tgt Ion:129 Resp: 7578
Ion Ratio Lower Upper
129 100
127 72.0 39.4 118.2



#61
1,2-Dibromoethane
Concen: 2.454 ug/l
RT: 11.243 min Scan# 1585
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:107 Resp: 5224
Ion Ratio Lower Upper
107 100
109 88.9 76.1 114.1

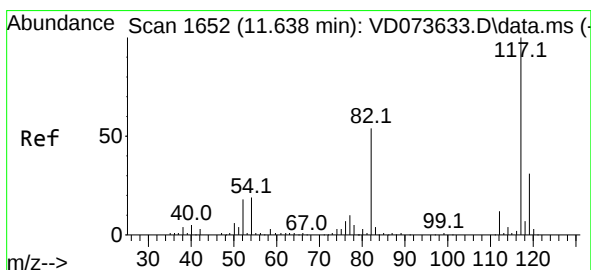
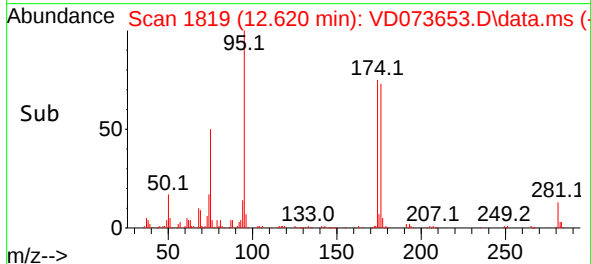
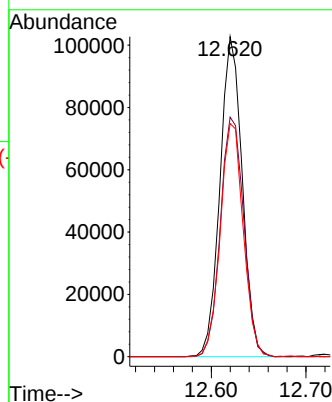
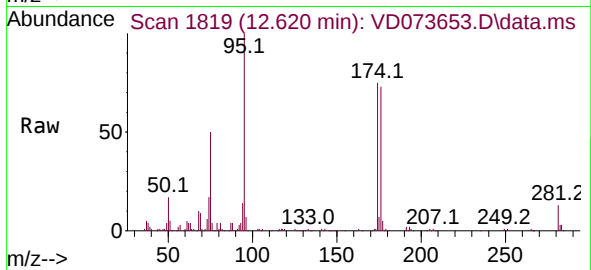




#62
4-Bromofluorobenzene
Concen: 46.866 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

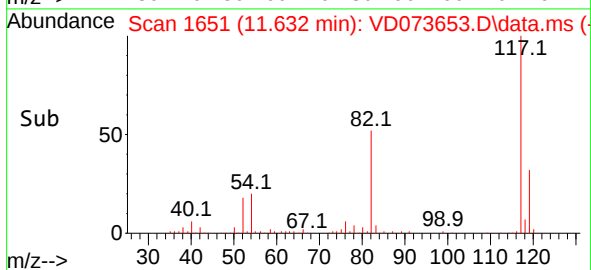
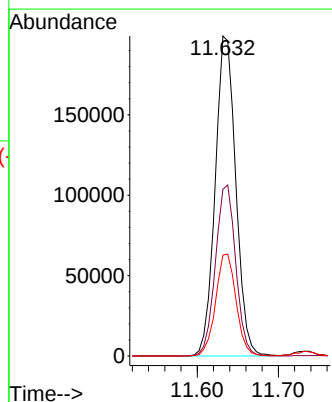
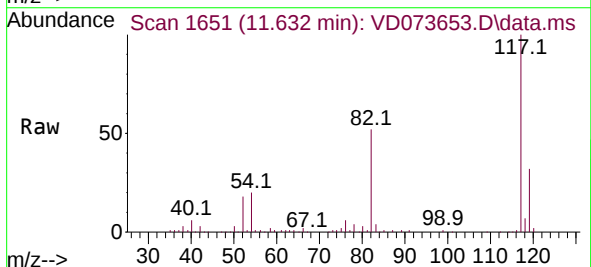
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

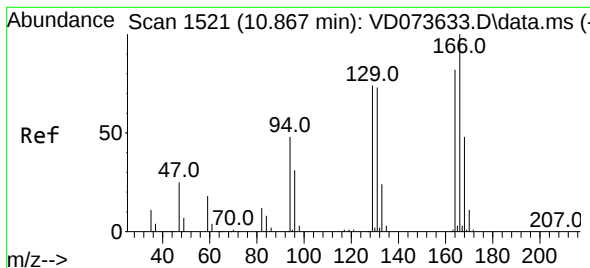
Tgt Ion: 95 Resp: 167410
Ion Ratio Lower Upper
95 100
174 78.9 0.0 156.4
176 75.3 0.0 151.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.632 min Scan# 1651
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 117 Resp: 352061
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.5 24.5 36.7





#64

Tetrachloroethene

Concen: 2.983 ug/l

RT: 10.867 min Scan# 1521

Delta R.T. -0.000 min

Lab File: VD073653.D

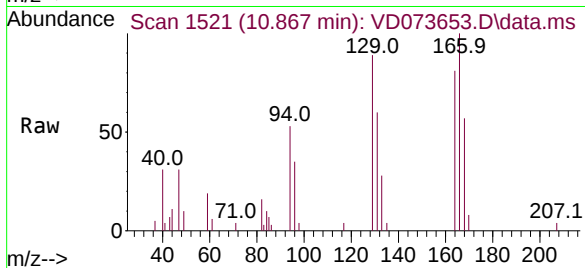
Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:164 Resp: 7773

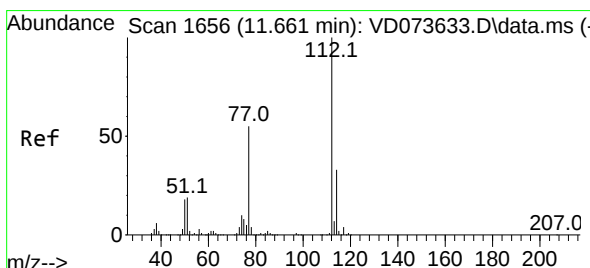
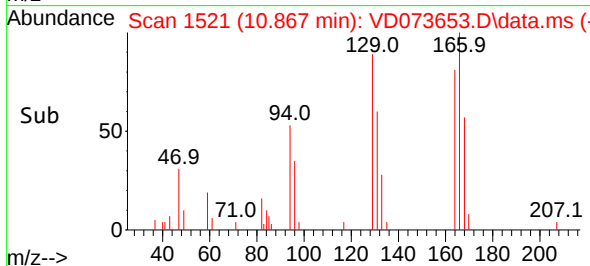
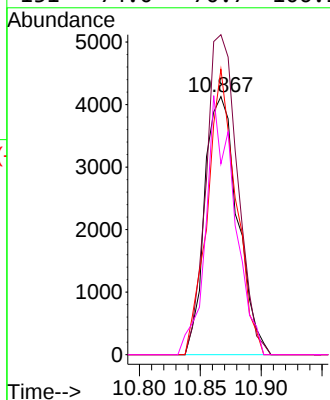
Ion Ratio Lower Upper

164 100

166 124.0 97.1 145.7

129 110.6 72.1 108.1#

131 74.0 70.7 106.1



#65

Chlorobenzene

Concen: 2.649 ug/l

RT: 11.661 min Scan# 1656

Delta R.T. -0.000 min

Lab File: VD073653.D

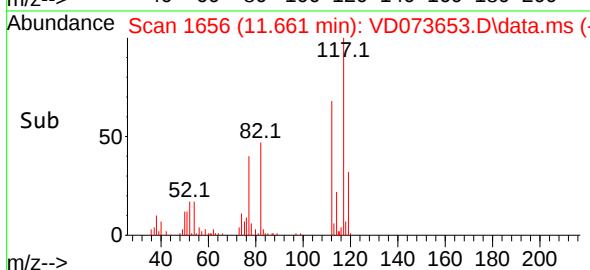
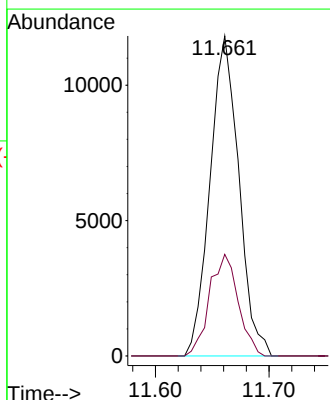
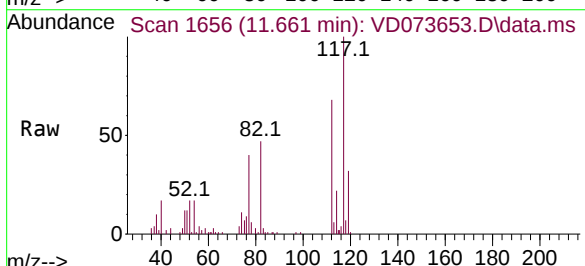
Acq: 22 Jun 2022 14:28

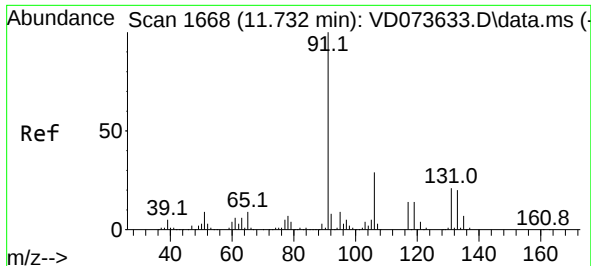
Tgt Ion:112 Resp: 20826

Ion Ratio Lower Upper

112 100

114 31.8 26.6 39.8

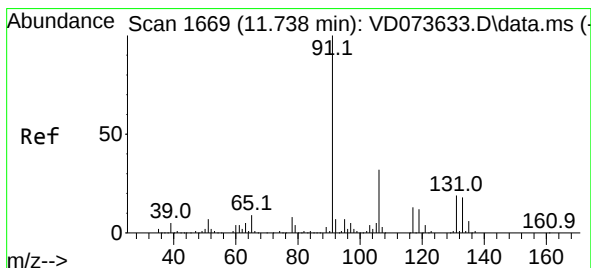
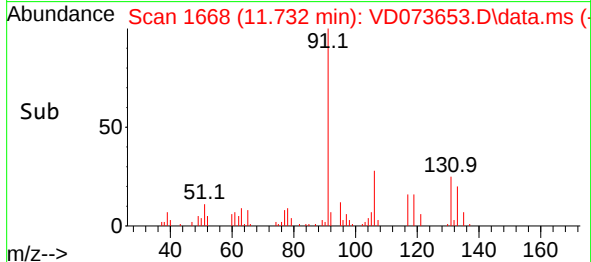
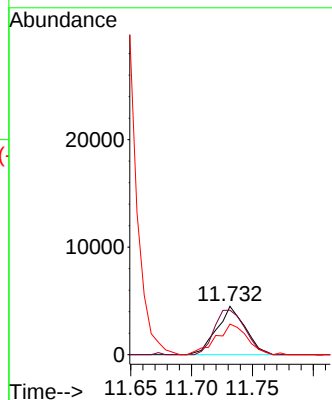
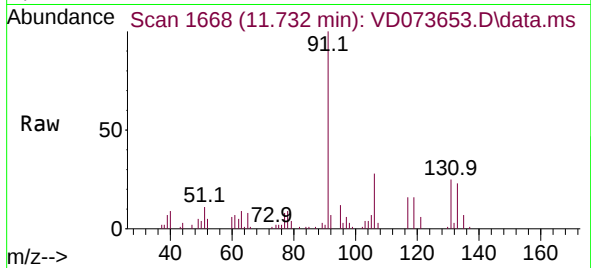




#66
1,1,1,2-Tetrachloroethane
Concen: 2.391 ug/l
RT: 11.732 min Scan# 1668
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

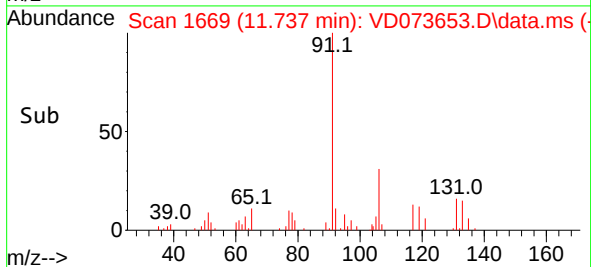
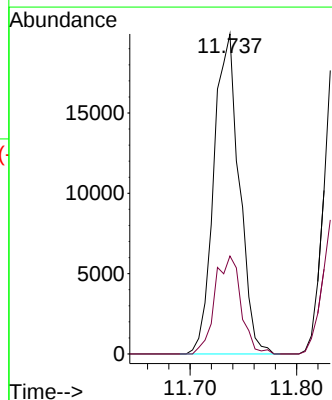
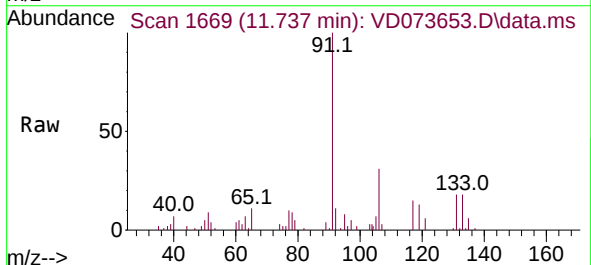
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

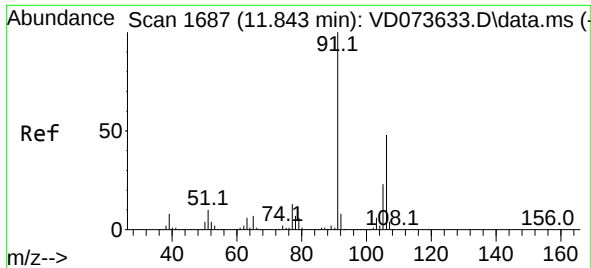
Tgt Ion:131 Resp: 7283
Ion Ratio Lower Upper
131 100
133 100.8 47.1 141.3
119 69.9 32.6 97.7



#67
Ethyl Benzene
Concen: 2.471 ug/l
RT: 11.737 min Scan# 1669
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 91 Resp: 33025
Ion Ratio Lower Upper
91 100
106 30.6 25.8 38.6

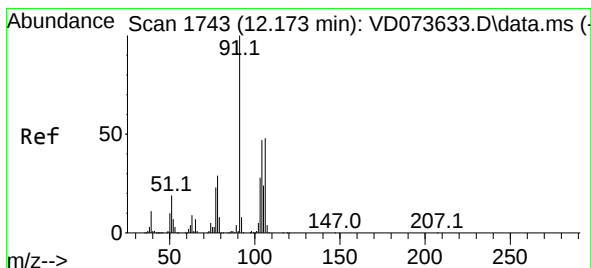
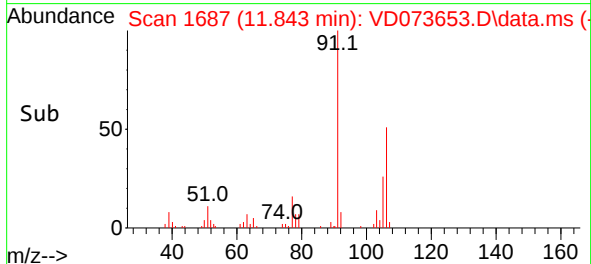
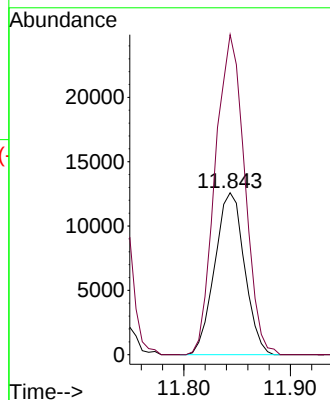
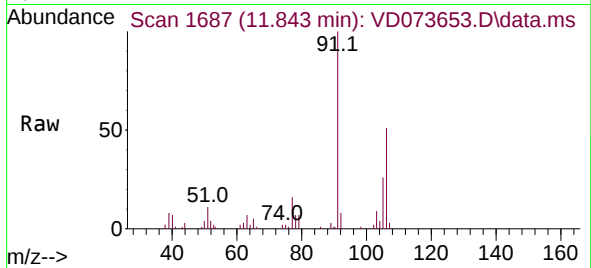




#68
m/p-Xylenes
Concen: 4.639 ug/l
RT: 11.843 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

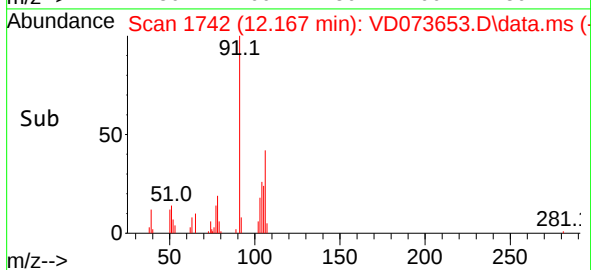
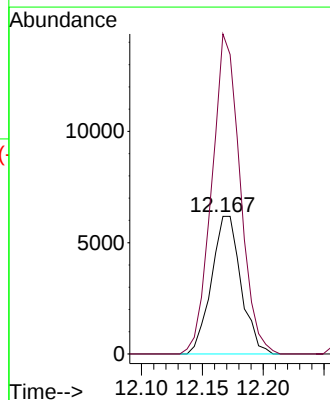
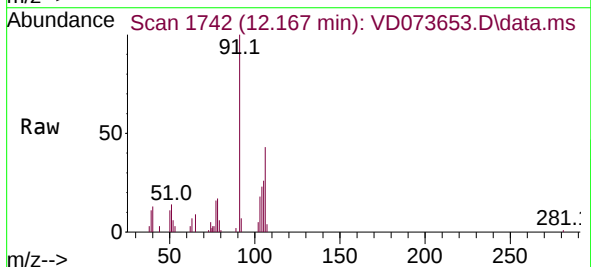
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

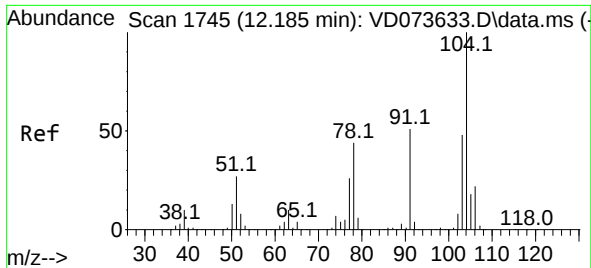
Tgt Ion:106 Resp: 24417
Ion Ratio Lower Upper
106 100
91 195.5 162.7 244.1



#69
o-Xylene
Concen: 2.124 ug/l
RT: 12.167 min Scan# 1742
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:106 Resp: 10421
Ion Ratio Lower Upper
106 100
91 222.9 107.1 321.3

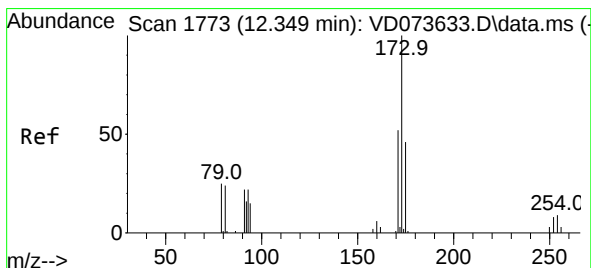
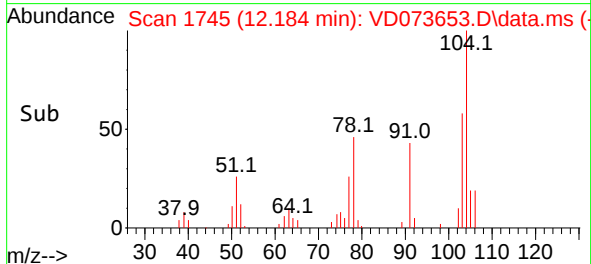
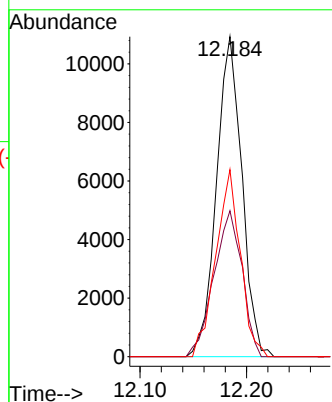
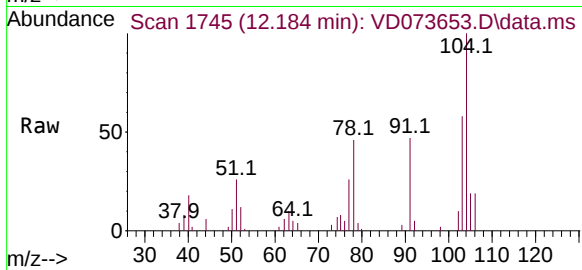




#70
Styrene
Concen: 2.156 ug/l
RT: 12.184 min Scan# 1745
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

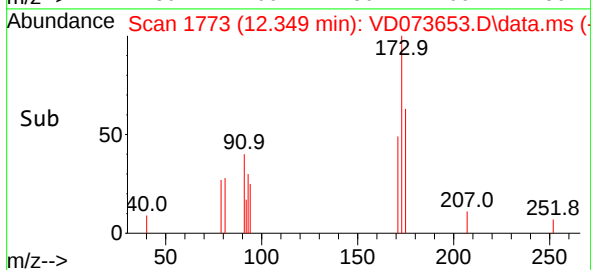
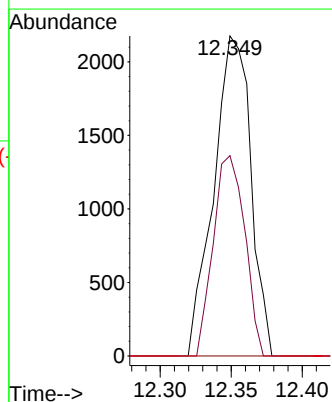
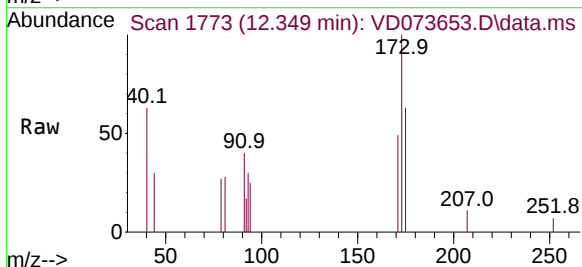
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

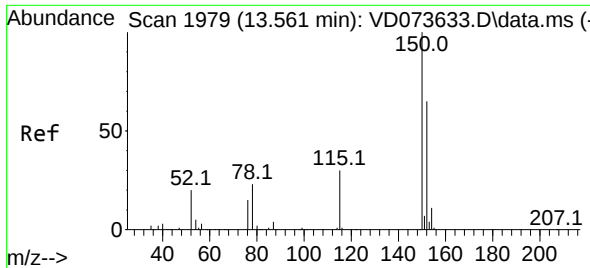
Tgt Ion:104 Resp: 18139
Ion Ratio Lower Upper
104 100
78 50.5 40.1 60.1
103 56.5 42.8 64.2



#71
Bromoform
Concen: 2.383 ug/l
RT: 12.349 min Scan# 1773
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:173 Resp: 3953
Ion Ratio Lower Upper
173 100
175 53.2 24.2 72.6
254 0.0 0.0 0.0

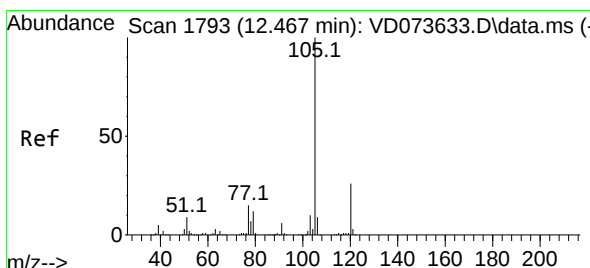
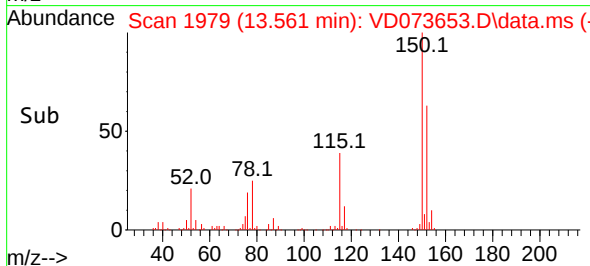
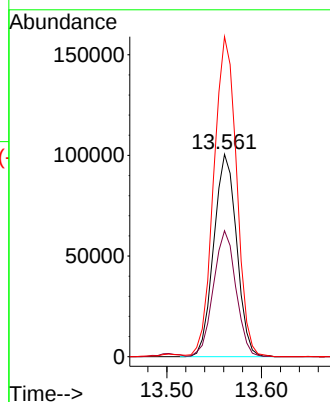
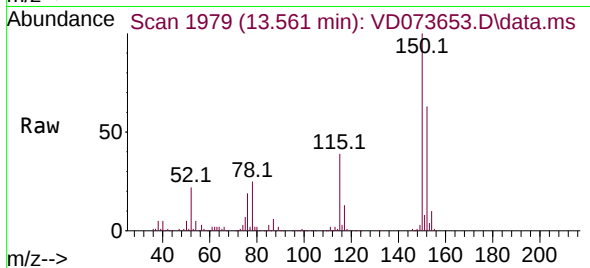




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1799
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

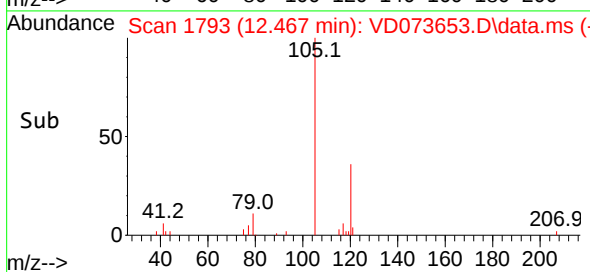
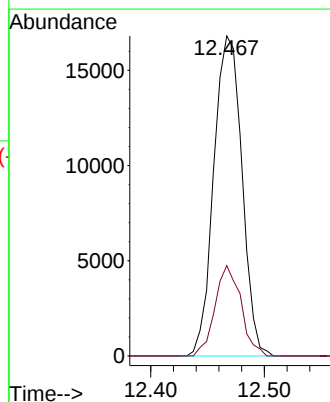
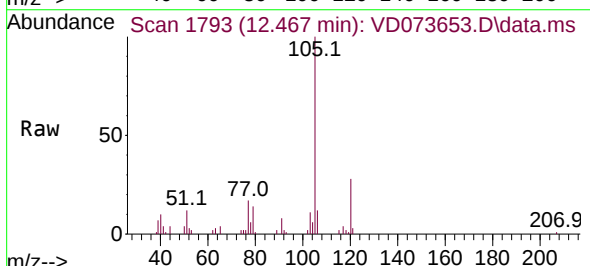
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

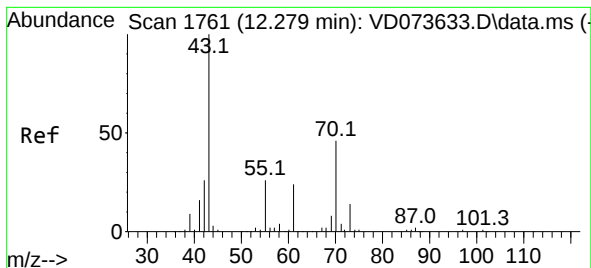
Tgt Ion:152 Resp: 168497
Ion Ratio Lower Upper
152 100
115 61.4 29.6 88.9
150 158.2 0.0 351.2



#73
Isopropylbenzene
Concen: 2.384 ug/l
RT: 12.467 min Scan# 1793
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:105 Resp: 28981
Ion Ratio Lower Upper
105 100
120 26.1 13.1 39.1





#74

N-amy1 acetate

Concen: 2.015 ug/l

RT: 12.279 min Scan# 1

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT2-2022

Tgt Ion: 43 Resp: 4951

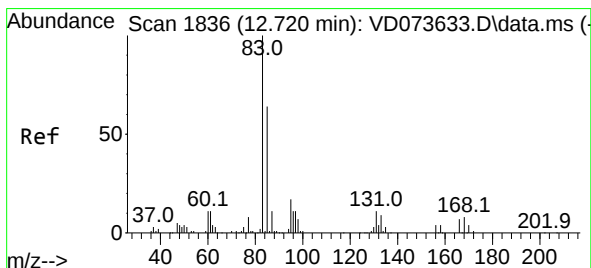
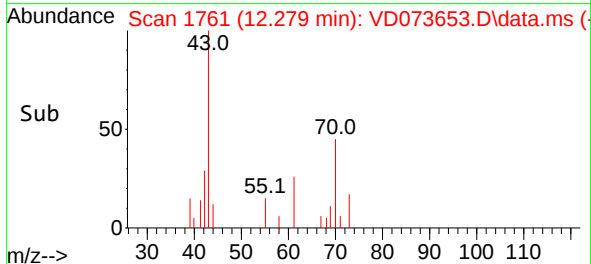
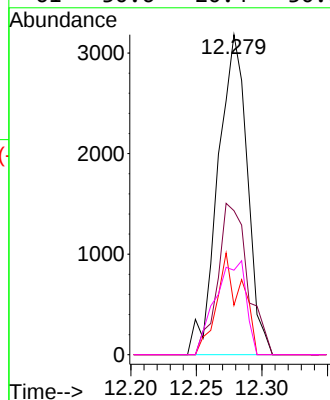
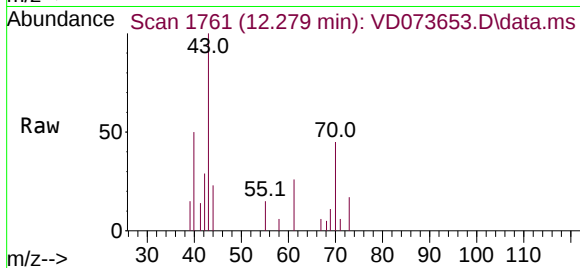
Ion Ratio Lower Upper

43 100

70 48.4 35.8 53.8

55 26.9 21.1 31.7

61 30.6 20.4 30.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 2.576 ug/l

RT: 12.720 min Scan# 1836

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

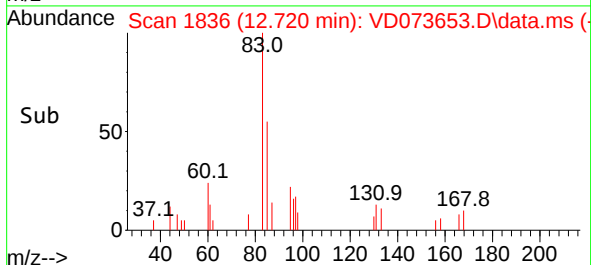
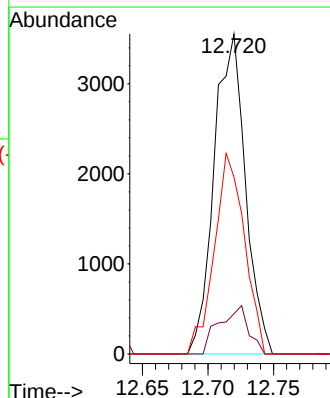
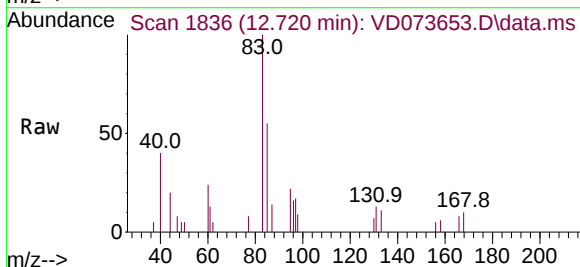
Tgt Ion: 83 Resp: 5889

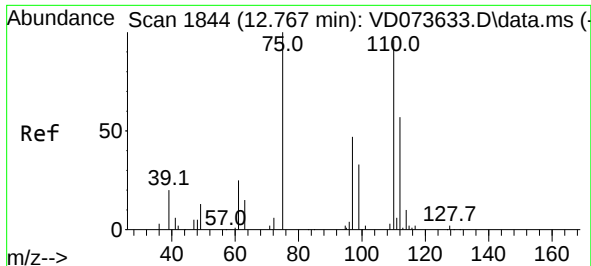
Ion Ratio Lower Upper

83 100

131 14.1 5.5 16.7

85 60.3 31.6 95.0

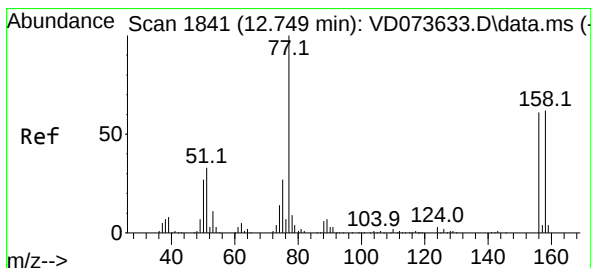
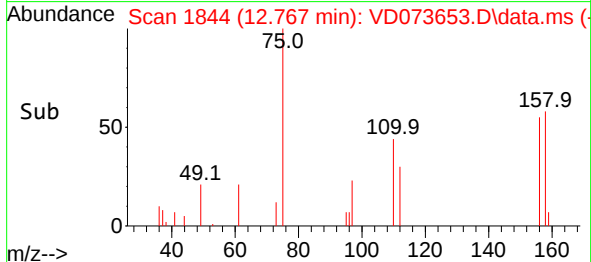
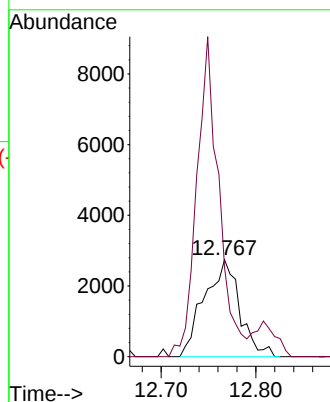
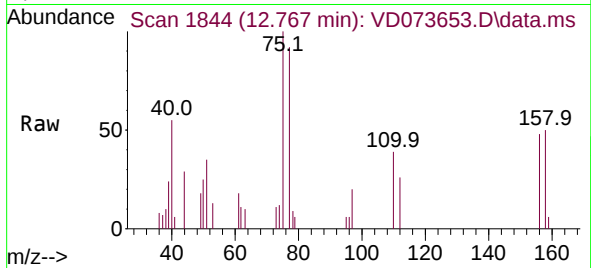




#76
1,2,3-Trichloropropane
Concen: 4.359 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

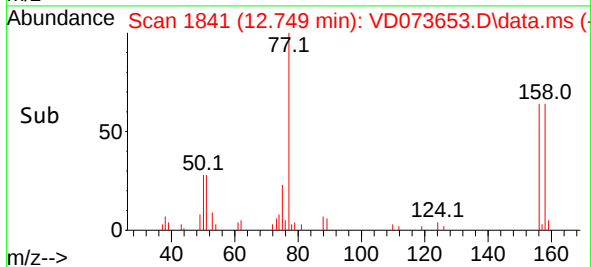
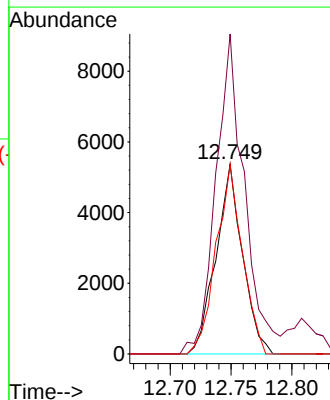
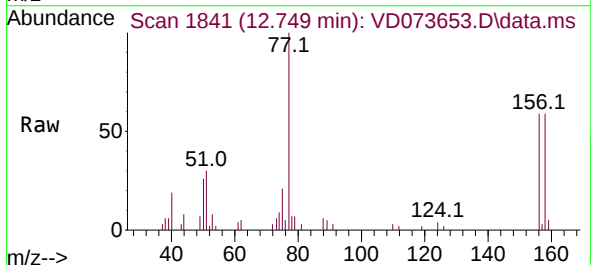
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

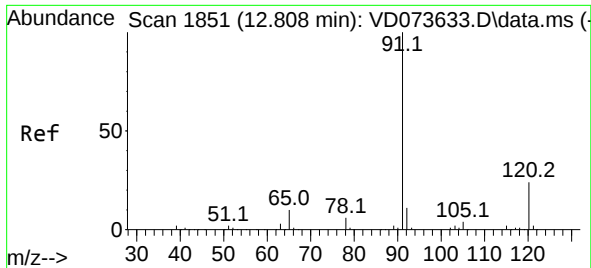
Tgt Ion: 75 Resp: 7108
Ion Ratio Lower Upper
75 100
77 207.4 208.9 626.7#



#77
Bromobenzene
Concen: 2.757 ug/l
RT: 12.749 min Scan# 1841
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:156 Resp: 8158
Ion Ratio Lower Upper
156 100
77 180.7 91.5 274.4
158 98.8 48.8 146.3

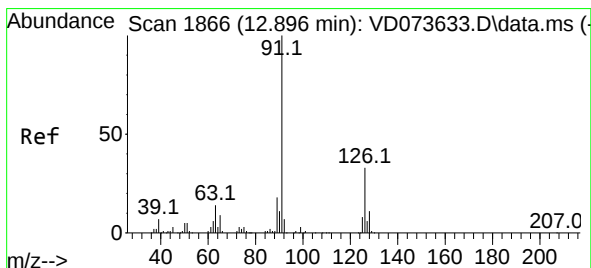
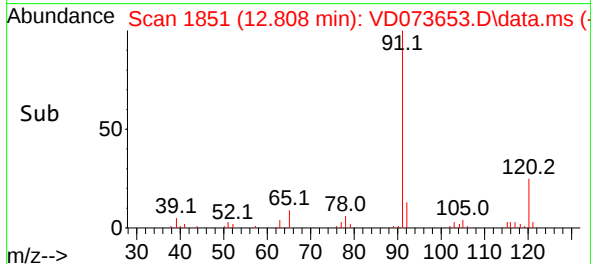
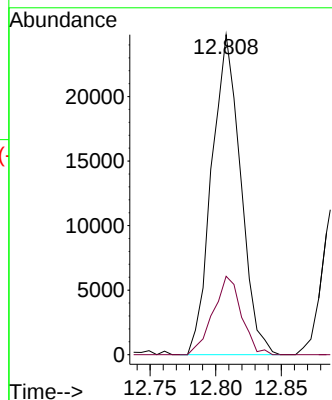
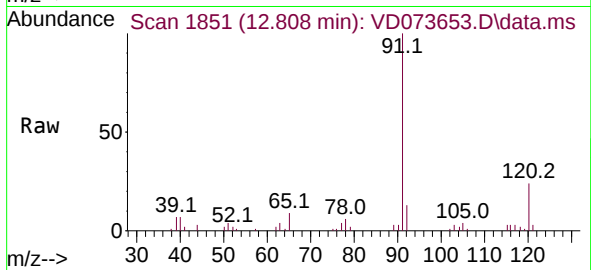




#78
n-propylbenzene
Concen: 2.550 ug/l
RT: 12.808 min Scan# 1851
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

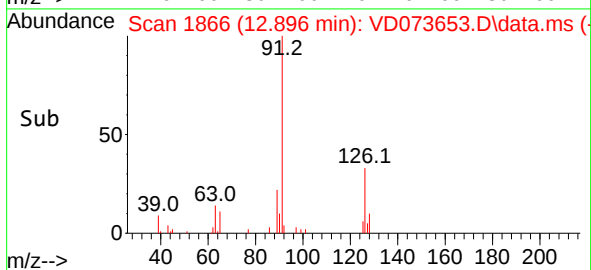
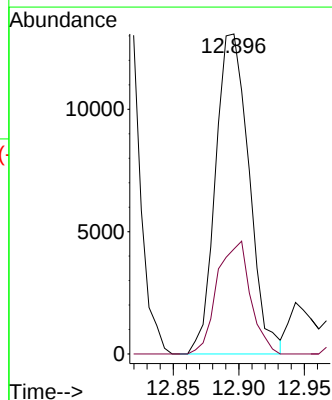
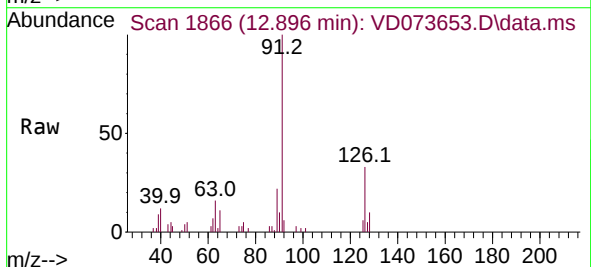
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

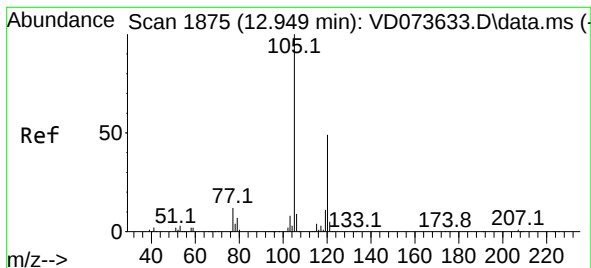
Tgt Ion: 91 Resp: 37968
Ion Ratio Lower Upper
91 100
120 23.9 11.5 34.4



#79
2-Chlorotoluene
Concen: 2.662 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 91 Resp: 23252
Ion Ratio Lower Upper
91 100
126 34.9 17.3 51.7





#80

1,3,5-Trimethylbenzene

Concen: 2.430 ug/l

RT: 12.949 min Scan# 1875

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

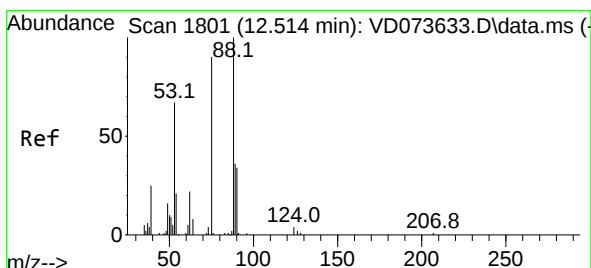
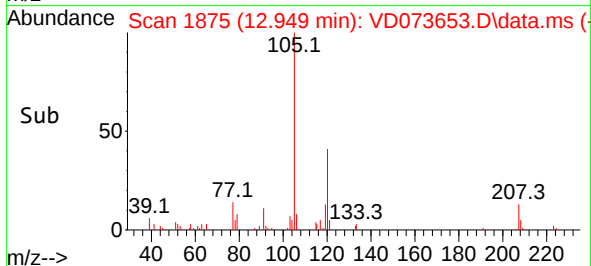
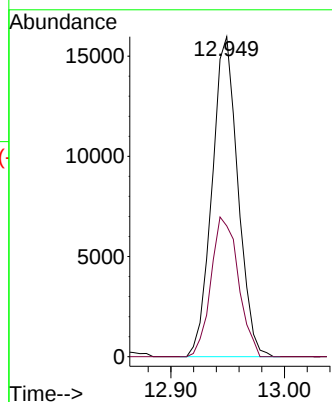
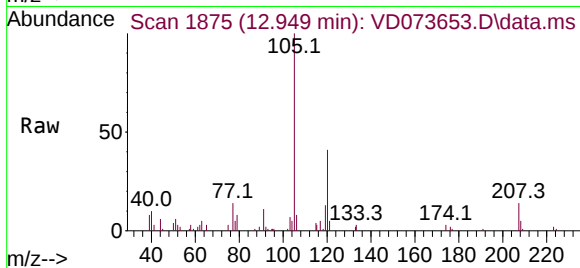
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:105 Resp: 25236

Ion Ratio Lower Upper

105 100

120 46.1 24.4 73.2



#81

trans-1,4-Dichloro-2-butene

Concen: 116.991 ug/l

RT: 12.620 min Scan# 1819

Delta R.T. 0.106 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

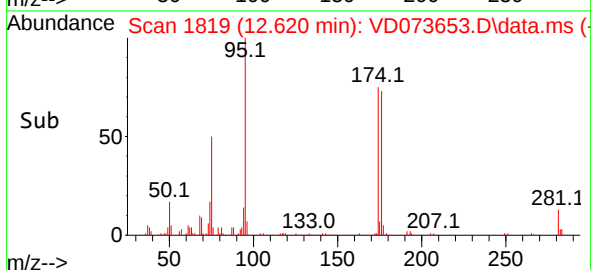
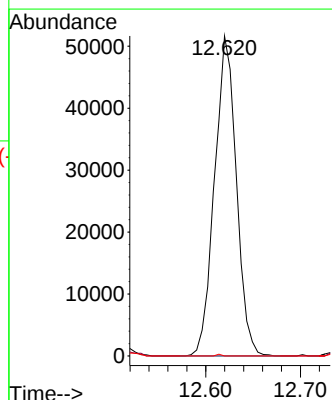
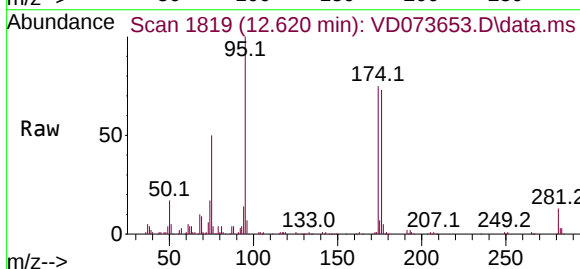
Tgt Ion: 75 Resp: 82671

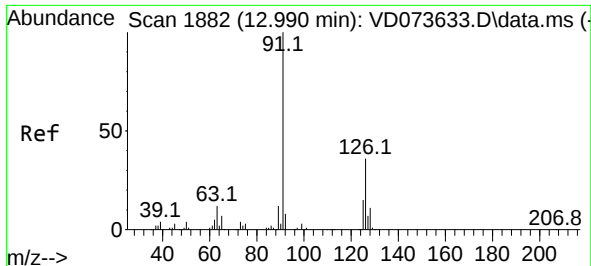
Ion Ratio Lower Upper

75 100

53 0.0 70.5 105.7#

89 0.1 35.8 53.8#

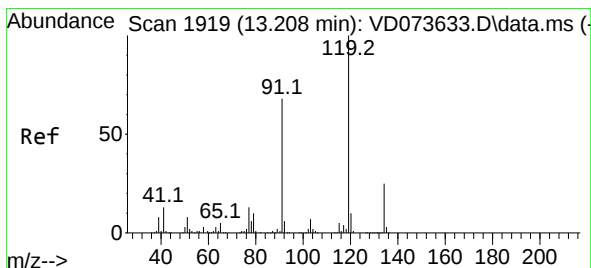
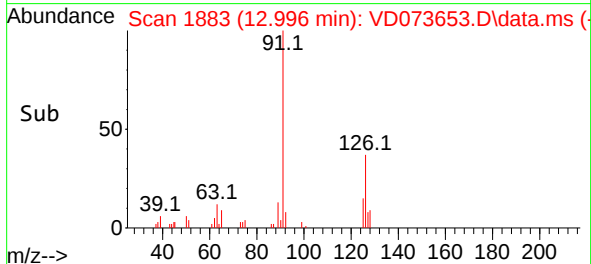
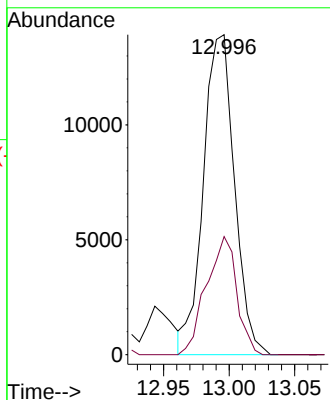
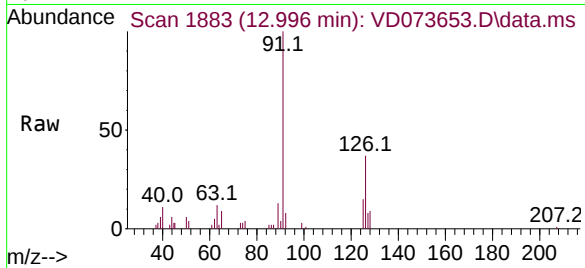




#82
4-Chlorotoluene
Concen: 2.463 ug/l
RT: 12.996 min Scan# 1883
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

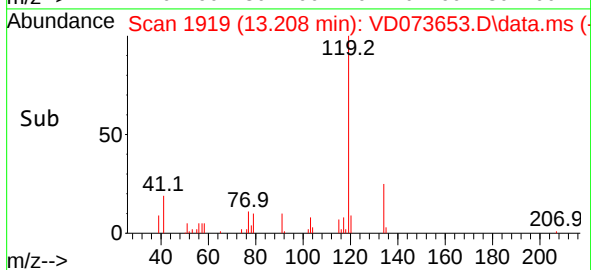
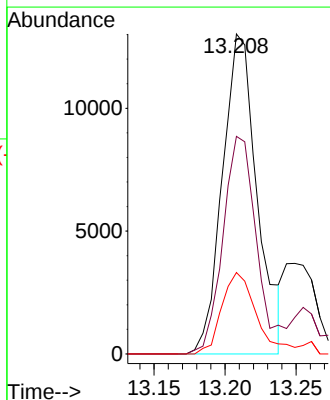
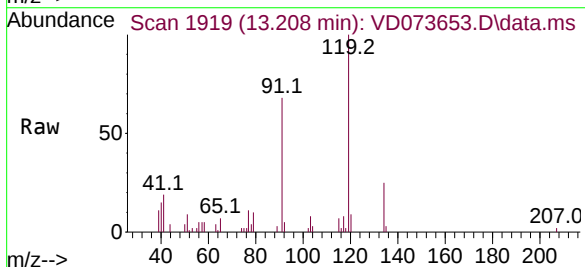
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

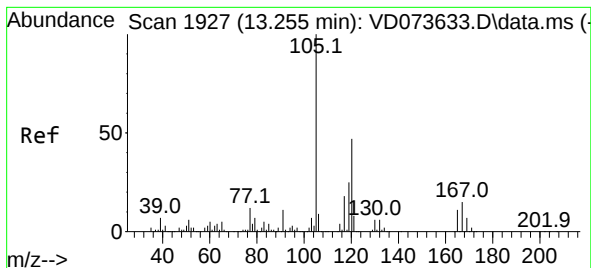
Tgt Ion: 91 Resp: 22958
Ion Ratio Lower Upper
91 100
126 36.0 17.1 51.2



#83
tert-Butylbenzene
Concen: 2.475 ug/l
RT: 13.208 min Scan# 1919
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 119 Resp: 22247
Ion Ratio Lower Upper
119 100
91 66.6 32.3 96.8
134 25.2 13.3 39.8





#84

1,2,4-Trimethylbenzene

Concen: 2.270 ug/l

RT: 13.255 min Scan# 1927

Delta R.T. -0.000 min

Lab File: VD073653.D

Acq: 22 Jun 2022 14:28

Instrument :

MSVOA_D

ClientSampleId :

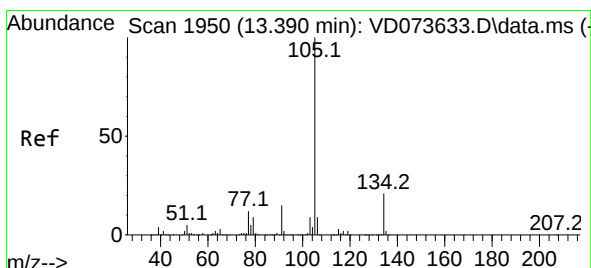
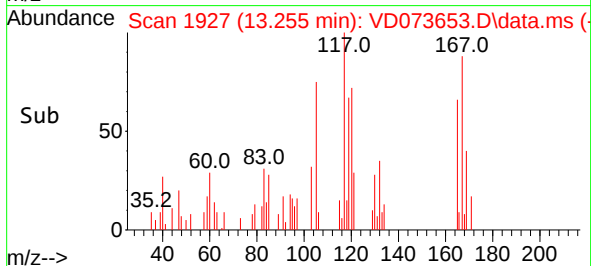
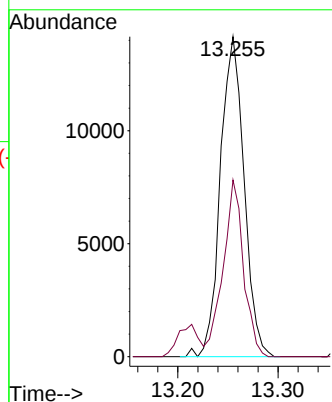
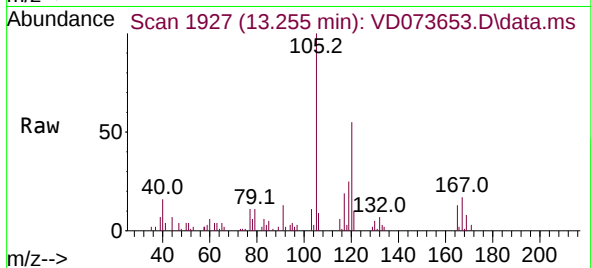
LOD-MDL-SOIL-01-QT2-2022

Tgt Ion:105 Resp: 23246

Ion Ratio Lower Upper

105 100

120 47.6 23.1 69.2



#85

sec-Butylbenzene

Concen: 2.377 ug/l

RT: 13.390 min Scan# 1950

Delta R.T. -0.000 min

Lab File: VD073653.D

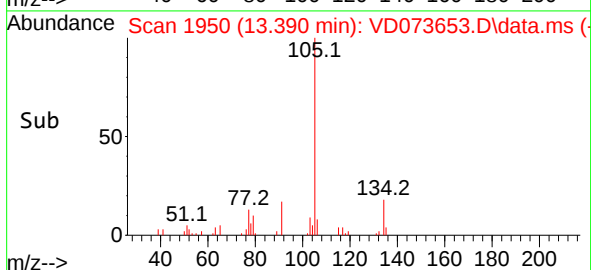
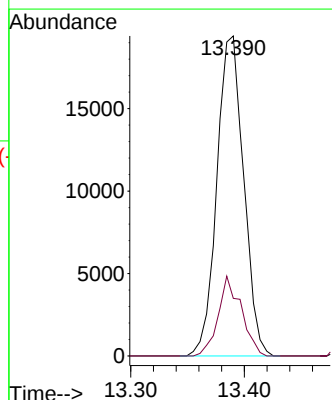
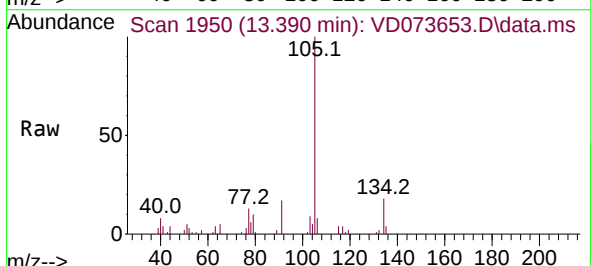
Acq: 22 Jun 2022 14:28

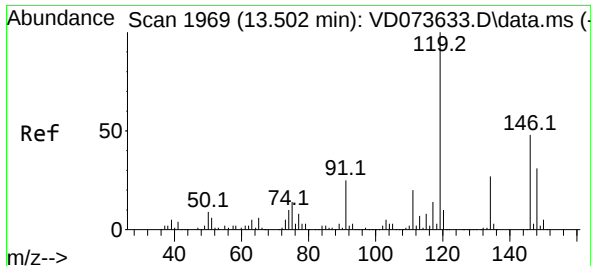
Tgt Ion:105 Resp: 31764

Ion Ratio Lower Upper

105 100

134 21.6 10.3 30.8

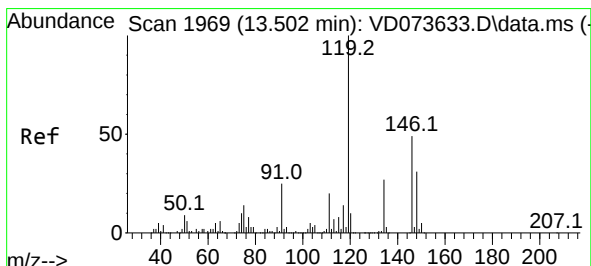
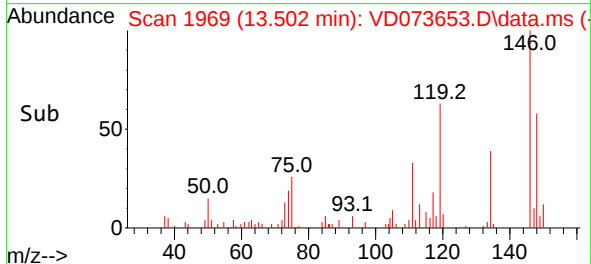
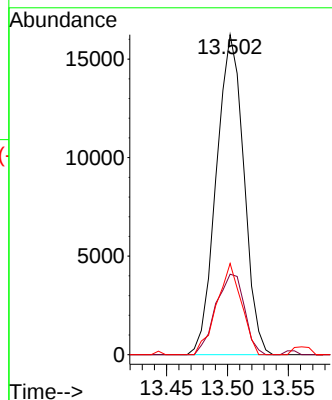
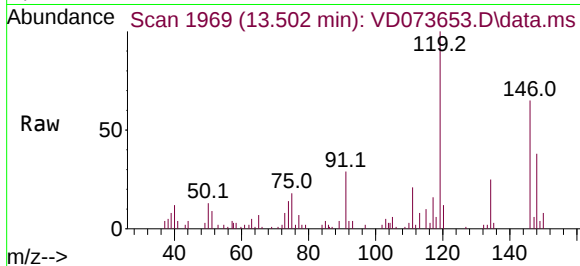




#86
 p-Isopropyltoluene
 Concen: 2.309 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

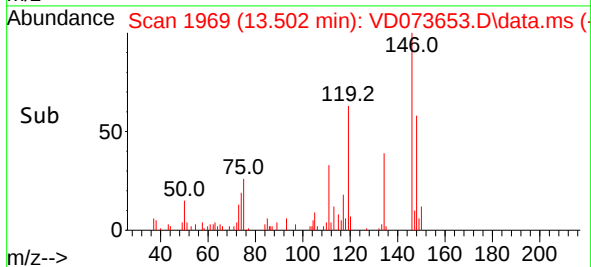
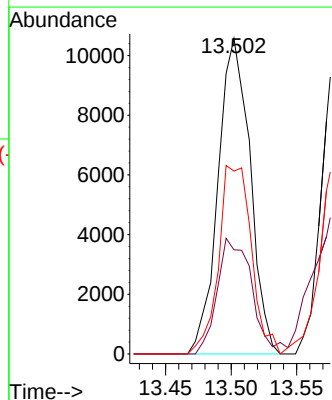
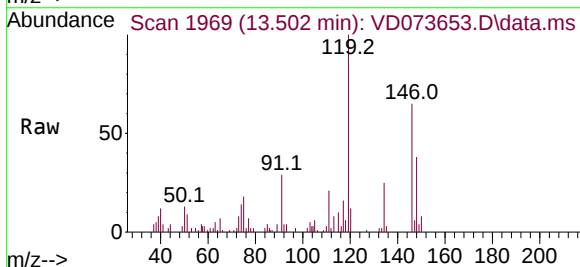
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT2-2022

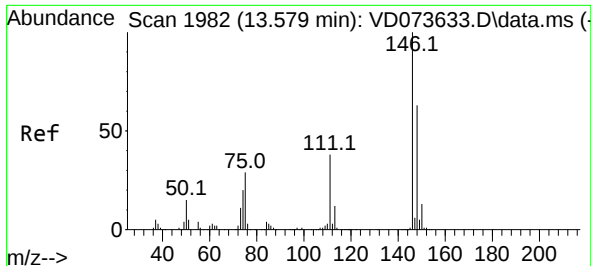
Tgt Ion:119	Resp:	25488
Ion Ratio	Lower	Upper
119	100	
134	26.2	13.1 39.3
91	25.7	12.0 36.0



#87
 1,3-Dichlorobenzene
 Concen: 2.944 ug/l
 RT: 13.502 min Scan# 1969
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Tgt Ion:146	Resp:	17968
Ion Ratio	Lower	Upper
146	100	
111	38.4	20.6 61.8
148	60.9	31.7 95.1

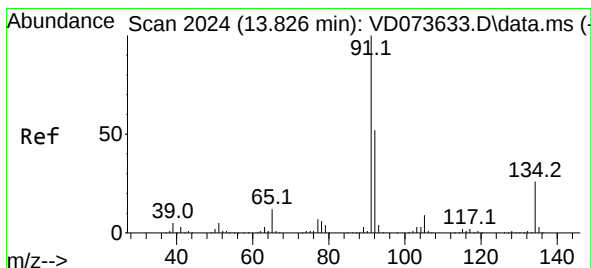
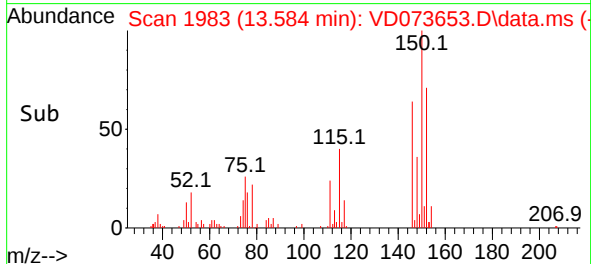
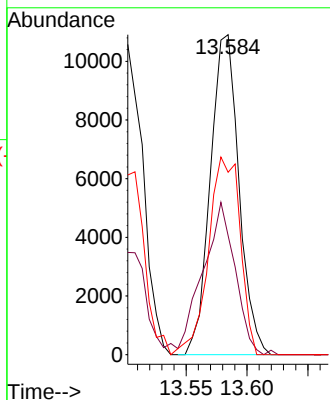
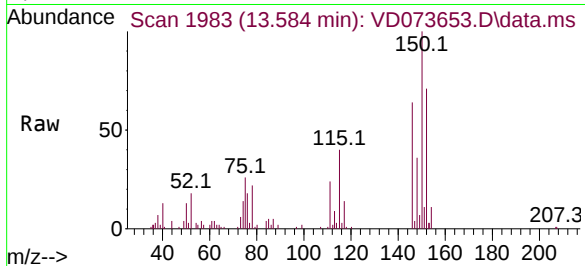




#88
1,4-Dichlorobenzene
Concen: 2.950 ug/l
RT: 13.584 min Scan# 1982
Delta R.T. 0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

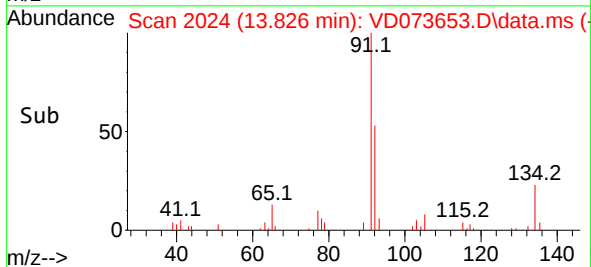
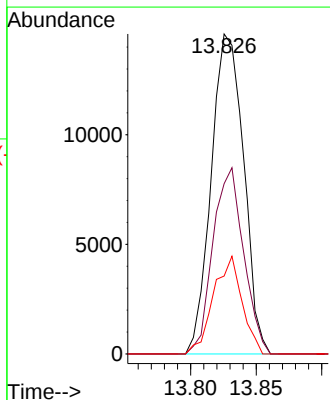
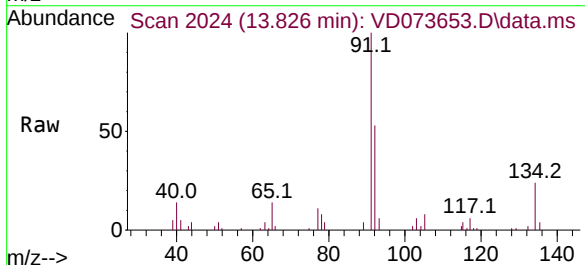
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

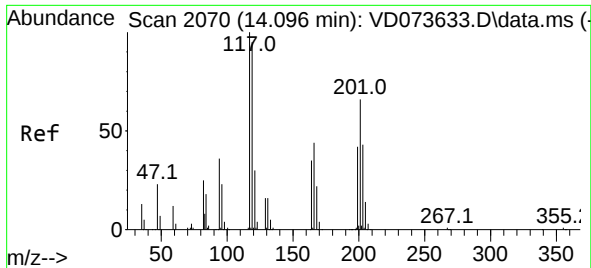
Tgt Ion:146 Resp: 17847
Ion Ratio Lower Upper
146 100
111 53.4 19.8 59.3
148 68.2 31.9 95.9



#89
n-Butylbenzene
Concen: 2.420 ug/l
RT: 13.826 min Scan# 2024
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion: 91 Resp: 25120
Ion Ratio Lower Upper
91 100
92 55.1 26.8 80.4
134 26.9 13.1 39.3

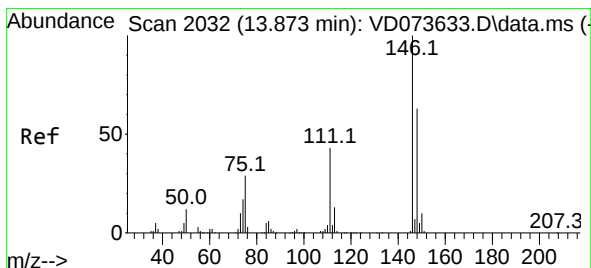
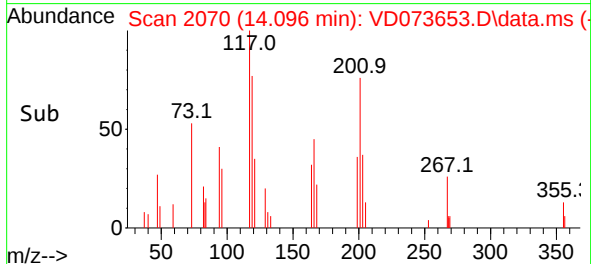
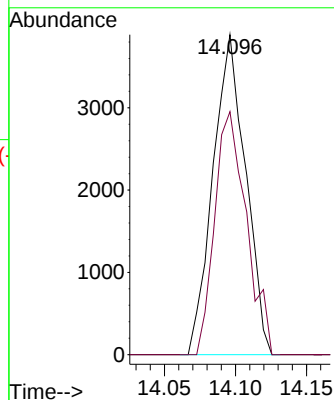
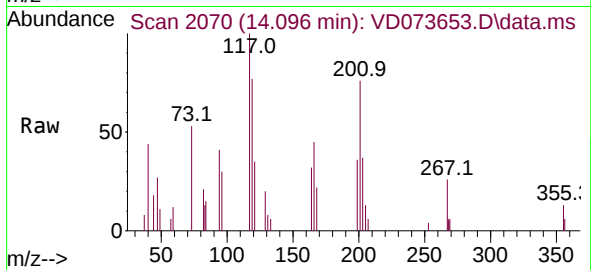




#90
Hexachloroethane
Concen: 2.640 ug/l
RT: 14.096 min Scan# 2070
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

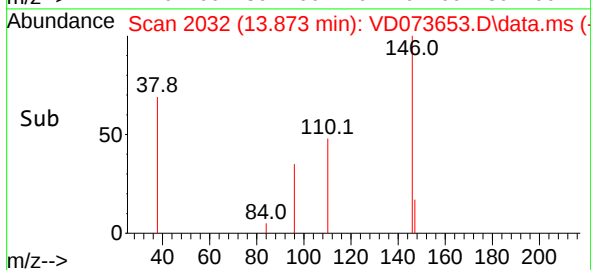
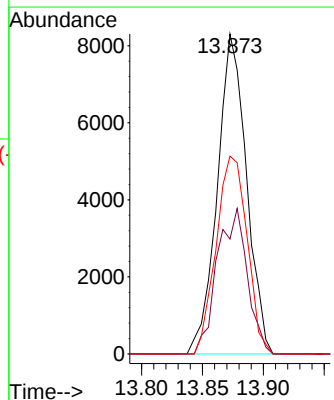
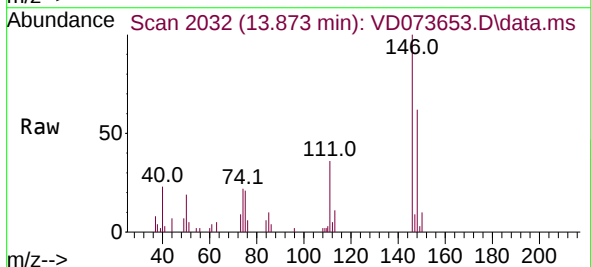
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

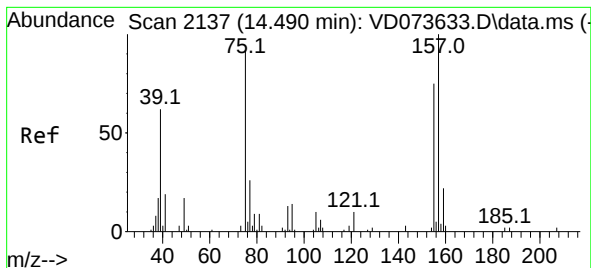
Tgt Ion:117 Resp: 6225
Ion Ratio Lower Upper
117 100
201 73.7 34.5 103.6



#91
1,2-Dichlorobenzene
Concen: 2.631 ug/l
RT: 13.873 min Scan# 2032
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

Tgt Ion:146 Resp: 13852
Ion Ratio Lower Upper
146 100
111 46.7 20.9 62.7
148 65.4 31.5 94.5

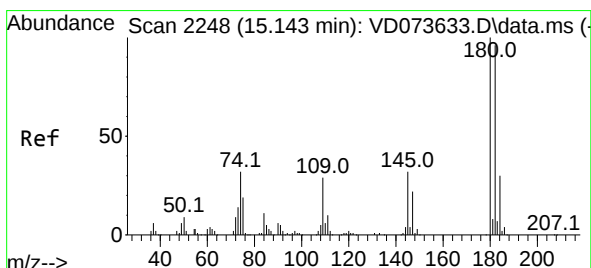
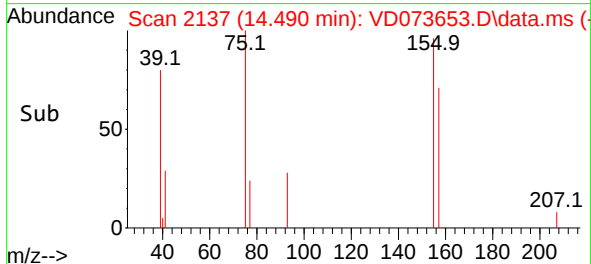
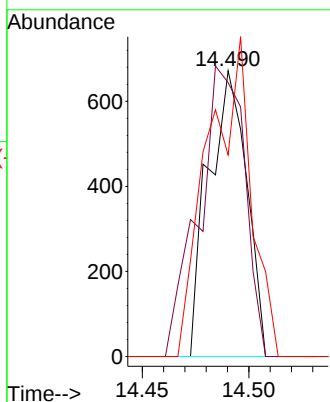
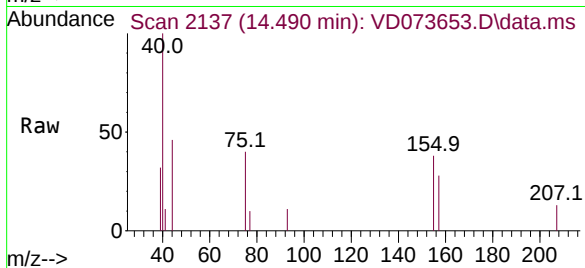




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 2.350 ug/l
 RT: 14.490 min Scan# 2137
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

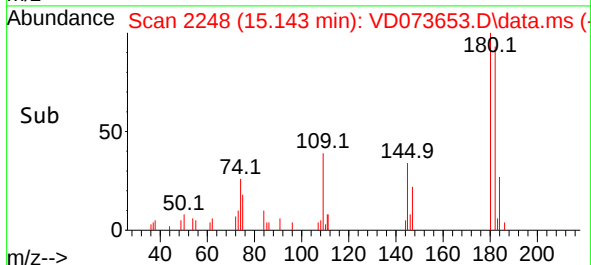
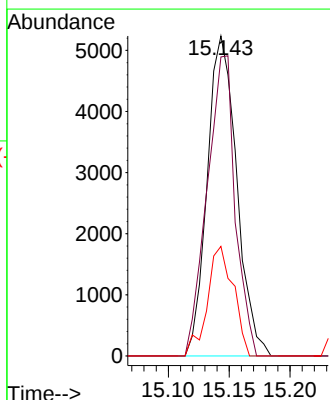
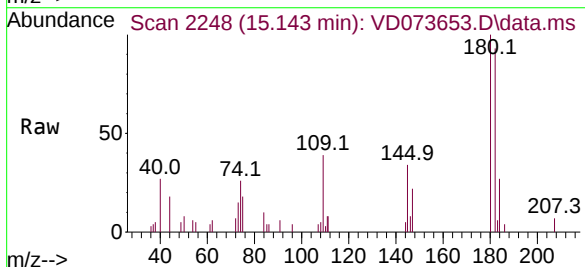
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022

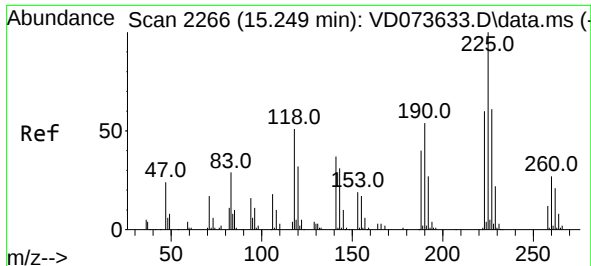
Tgt Ion:	75	Resp:	839
Ion	Ratio	Lower	Upper
75	100		
155	121.9	41.6	124.8
157	126.0	51.7	155.2



#93
 1,2,4-Trichlorobenzene
 Concen: 2.881 ug/l
 RT: 15.143 min Scan# 2248
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Tgt Ion:	180	Resp:	8837
Ion	Ratio	Lower	Upper
180	100		
182	89.3	48.0	144.2
145	30.2	16.1	48.3

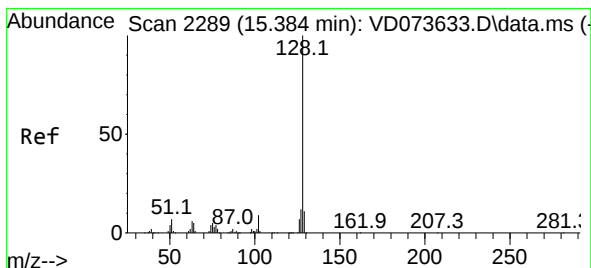
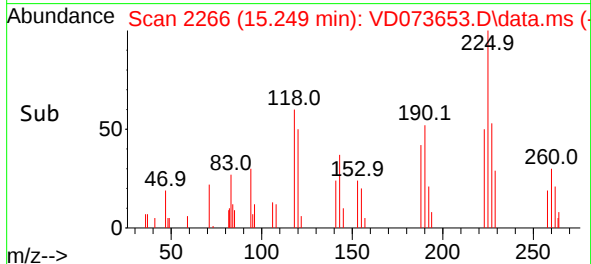
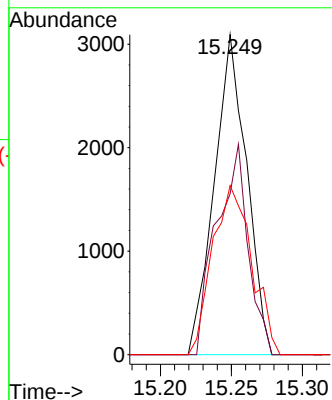
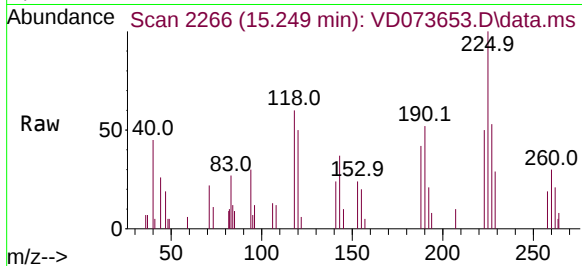




#94
Hexachlorobutadiene
Concen: 2.821 ug/l
RT: 15.249 min Scan# 21
Delta R.T. -0.000 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

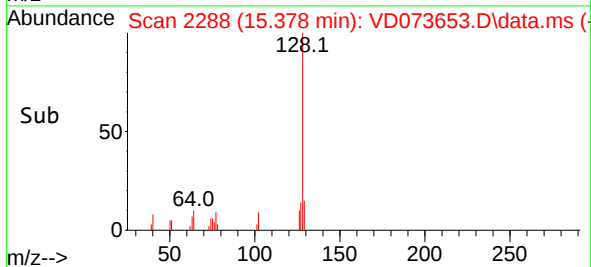
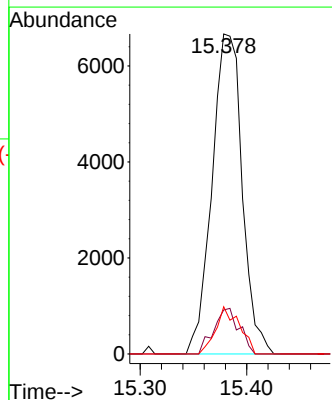
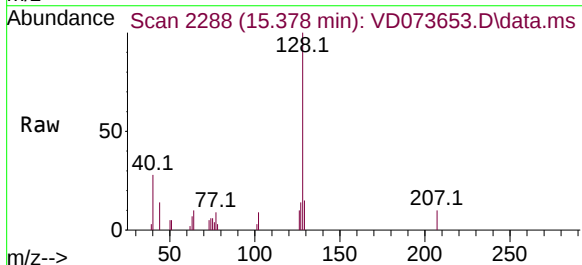
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT2-2022

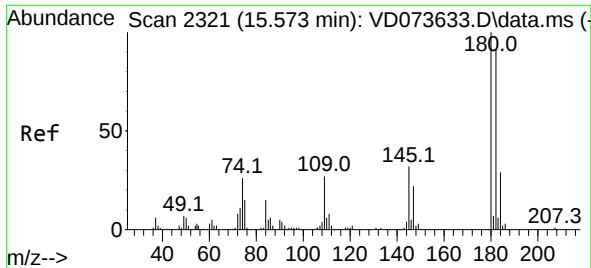
Tgt Ion:225	Resp:	4904
Ion Ratio	Lower	Upper
225	100	
223	64.3	31.0 93.0
227	64.2	31.8 95.4



#95
Naphthalene
Concen: 2.459 ug/l
RT: 15.378 min Scan# 2288
Delta R.T. -0.006 min
Lab File: VD073653.D
Acq: 22 Jun 2022 14:28

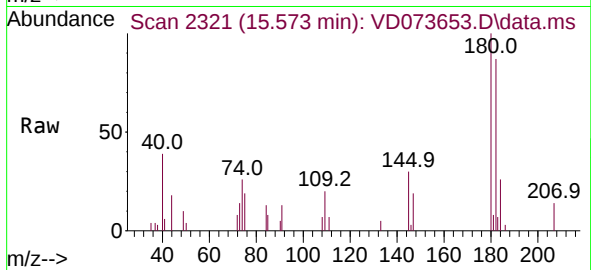
Tgt Ion:128	Resp:	13107
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.3 15.5
129	11.6	9.0 13.6





#96
 1,2,3-Trichlorobenzene
 Concen: 2.671 ug/l
 RT: 15.573 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VD073653.D
 Acq: 22 Jun 2022 14:28

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT2-2022



Tgt Ion:	180	Resp:	7127
Ion	Ratio	Lower	Upper
180	100		
182	98.5	46.1	138.3
145	31.0	16.8	50.3

