

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082422\
 Data File : VD074217.D
 Acq On : 24 Aug 2022 12:13
 Operator : VA/SY
 Sample : N3980-01 2.5PPB
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

Quant Time: Aug 25 06:54:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D082322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 25 06:53:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	136946	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	228961	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	216631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	109035	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	70612	50.460	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 100.920%	
35) Dibromofluoromethane	7.908	113	80078	52.288	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.580%	
50) Toluene-d8	10.331	98	233084	47.289	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 94.580%	
62) 4-Bromofluorobenzene	12.620	95	94884	48.728	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 97.460%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	1.991	85	5302	4.614	ug/l	89
3) Chloromethane	2.208	50	2670	3.261	ug/l #	75
4) Vinyl Chloride	2.344	62	2854	3.320	ug/l	90
5) Bromomethane	2.767	94	2263	4.077	ug/l	84
6) Chloroethane	2.914	64	1952	3.499	ug/l #	88
7) Trichlorofluoromethane	3.267	101	8259	3.307	ug/l	100
8) Diethyl Ether	3.708	74	1892	2.820	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.091	101	4839	3.203	ug/l #	45
10) Methyl Iodide	4.291	142	3382	2.041	ug/l #	69
11) Tert butyl alcohol	5.220	59	1170	13.426	ug/l #	74
12) 1,1-Dichloroethene	4.049	96	2084	1.542	ug/l #	68
13) Acrolein	3.926	56	466	11.391	ug/l #	61
14) Allyl chloride	4.702	41	6048	2.859	ug/l	96
15) Acrylonitrile	5.408	53	4208	13.487	ug/l #	88
16) Acetone	4.155	43	2426	9.100	ug/l #	78
17) Carbon Disulfide	4.402	76	10181	2.574	ug/l #	95
18) Methyl Acetate	4.726	43	3534	4.205	ug/l #	85
19) Methyl tert-butyl Ether	5.485	73	8455	2.613	ug/l	97
20) Methylene Chloride	4.949	84	19920	9.539	ug/l #	82
21) trans-1,2-Dichloroethene	5.473	96	4436	2.808	ug/l	81
22) Diisopropyl ether	6.367	45	10799	2.489	ug/l #	92
23) Vinyl Acetate	6.302	43	16393	7.393	ug/l	98
24) 1,1-Dichloroethane	6.255	63	8526	2.981	ug/l #	95
25) 2-Butanone	7.202	43	6165	14.937	ug/l #	77
26) 2,2-Dichloropropane	7.202	77	8139	3.158	ug/l #	54
27) cis-1,2-Dichloroethene	7.190	96	5045	2.841	ug/l	97
28) Bromochloromethane	7.532	49	2731	3.159	ug/l #	75
29) Tetrahydrofuran	7.555	42	3559	14.289	ug/l #	92
30) Chloroform	7.702	83	9190	3.047	ug/l	85
31) Cyclohexane	7.973	56	8410	3.376	ug/l #	51
32) 1,1,1-Trichloroethane	7.896	97	8457	3.026	ug/l	89
36) 1,1-Dichloropropene	8.114	75	6441	2.783	ug/l	95
37) Ethyl Acetate	7.296	43	2978	3.263	ug/l #	74
38) Carbon Tetrachloride	8.090	117	6705	2.697	ug/l	98
39) Methylcyclohexane	9.355	83	7230	2.737	ug/l #	86
40) Benzene	8.343	78	17239	2.642	ug/l	92

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	682	1.243	ug/l #	45
42) 1,2-Dichloroethane	8.408	62	5202	2.705	ug/l	96
43) Isopropyl Acetate	8.443	43	4385	2.389	ug/l #	84
44) Trichloroethene	9.108	130	5650	2.987	ug/l	83
45) 1,2-Dichloropropane	9.379	63	4816	2.957	ug/l #	82
46) Dibromomethane	9.473	93	2395	2.636	ug/l	96
47) Bromodichloromethane	9.649	83	6451	2.730	ug/l	96
48) Methyl methacrylate	9.449	41	1951	2.299	ug/l #	86
49) 1,4-Dioxane	9.461	88	370	35.885	ug/l #	44
51) 4-Methyl-2-Pentanone	10.220	43	10268	11.195	ug/l	91
52) Toluene	10.390	92	11737	2.736	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	5322	2.483	ug/l #	88
54) cis-1,3-Dichloropropene	10.079	75	6101	2.401	ug/l	97
55) 1,1,2-Trichloroethane	10.790	97	3392	2.729	ug/l #	86
56) Ethyl methacrylate	10.655	69	3170	2.233	ug/l #	83
57) 1,3-Dichloropropane	10.931	76	6043	2.910	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.937	63	5032	11.709	ug/l #	87
59) 2-Hexanone	10.978	43	7291	11.790	ug/l	96
60) Dibromochloromethane	11.137	129	4711	2.919	ug/l	91
61) 1,2-Dibromoethane	11.231	107	3117	2.571	ug/l	98
64) Tetrachloroethene	10.867	164	5301	3.353	ug/l #	89
65) Chlorobenzene	11.655	112	13548	2.870	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.726	131	4940	2.783	ug/l	97
67) Ethyl Benzene	11.737	91	19992	2.474	ug/l	92
68) m/p-Xylenes	11.843	106	15291	4.751	ug/l	93
69) o-Xylene	12.167	106	7034	2.369	ug/l	93
70) Styrene	12.178	104	11653	2.289	ug/l	96
71) Bromoform	12.343	173	2511	2.601	ug/l #	92
73) Isopropylbenzene	12.467	105	18565	2.352	ug/l	99
74) N-amyl acetate	12.278	43	3673	2.139	ug/l #	91
75) 1,1,2,2-Tetrachloroethane	12.720	83	3722	2.640	ug/l	86
76) 1,2,3-Trichloropropane	12.767	75	5423	5.094	ug/l #	100
77) Bromobenzene	12.743	156	5320	2.844	ug/l	91
78) n-propylbenzene	12.808	91	24765	2.565	ug/l	98
79) 2-Chlorotoluene	12.896	91	14406	2.584	ug/l	98
80) 1,3,5-Trimethylbenzene	12.943	105	16509	2.434	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.620	75	48372	116.842	ug/l #	7
82) 4-Chlorotoluene	12.990	91	15020	2.547	ug/l	98
83) tert-Butylbenzene	13.208	119	13674	2.393	ug/l	98
84) 1,2,4-Trimethylbenzene	13.249	105	15152	2.295	ug/l	99
85) sec-Butylbenzene	13.384	105	21532	2.493	ug/l	99
86) p-Isopropyltoluene	13.496	119	15873	2.228	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	10919	2.886	ug/l	97
88) 1,4-Dichlorobenzene	13.578	146	11333	2.973	ug/l	88
89) n-Butylbenzene	13.825	91	17145	2.539	ug/l	94
90) Hexachloroethane	14.090	117	4368	3.022	ug/l	96
91) 1,2-Dichlorobenzene	13.872	146	8932	2.715	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.484	75	757	3.279	ug/l	88
93) 1,2,4-Trichlorobenzene	15.137	180	5375	2.677	ug/l	97
94) Hexachlorobutadiene	15.243	225	2992	2.655	ug/l	97
95) Naphthalene	15.372	128	8937	2.460	ug/l	96
96) 1,2,3-Trichlorobenzene	15.578	180	4315	2.464	ug/l	94

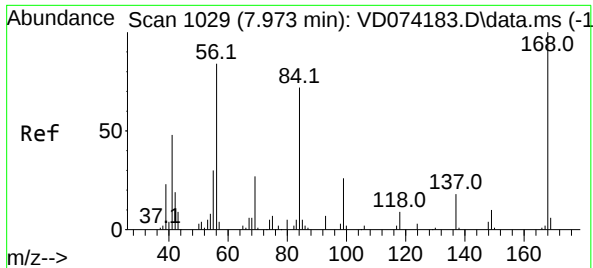
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QLast Update : Thu Aug 25 06:53:57 2022
Response via : Initial Calibration

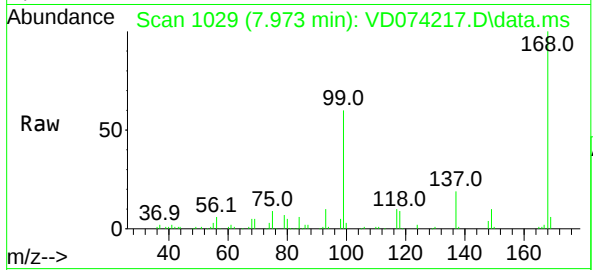
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

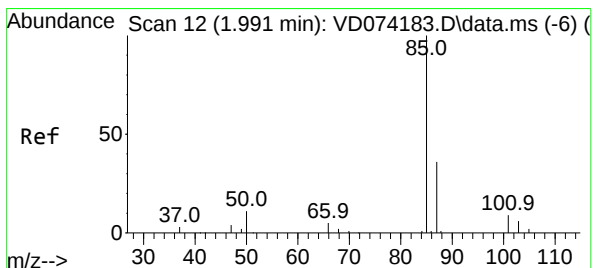
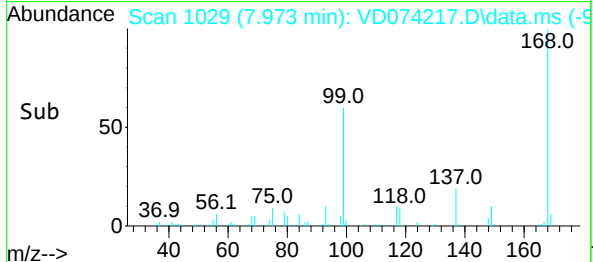
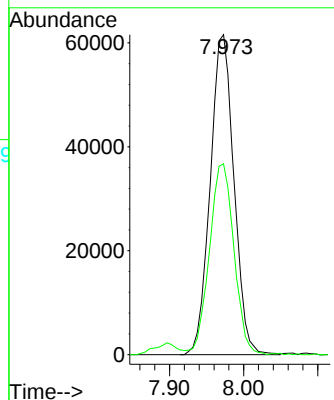


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.000 min
Lab File: VD074217.D
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MSVOA_D
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LOD-MDL-SOIL-01-QT3-2022

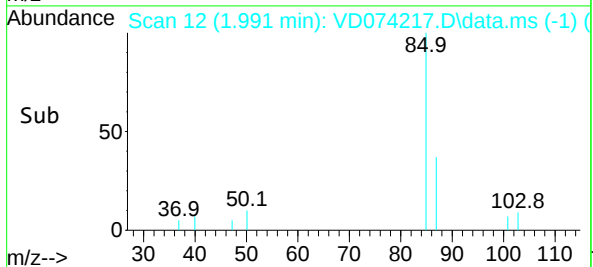
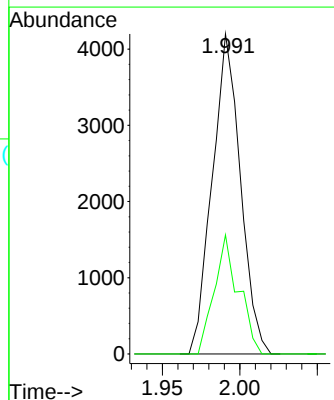
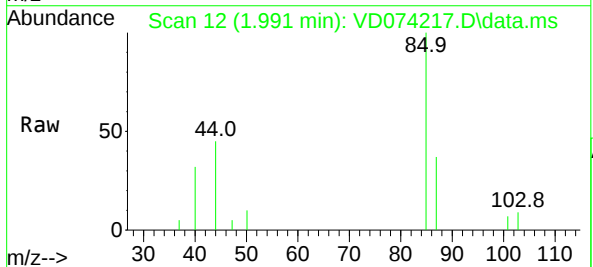


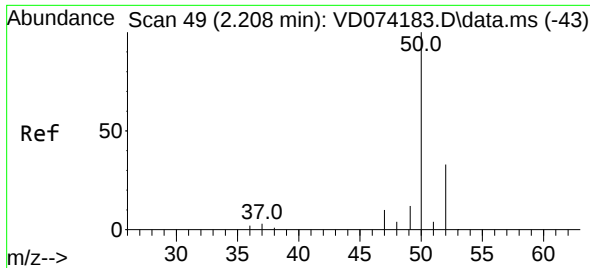
Tgt Ion:168 Resp: 136946
Ion Ratio Lower Upper
168 100
99 59.2 49.8 74.6



#2
Dichlorodifluoromethane
Concen: 4.614 ug/l
RT: 1.991 min Scan# 12
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 85 Resp: 5302
Ion Ratio Lower Upper
85 100
87 37.2 15.7 47.0

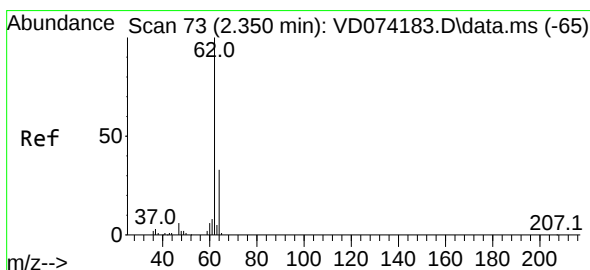
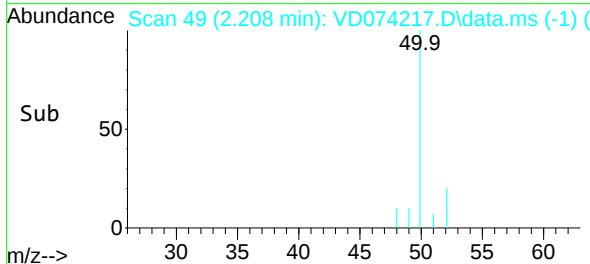
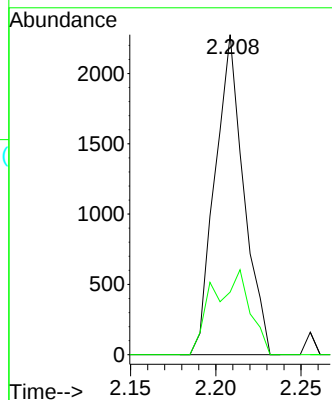
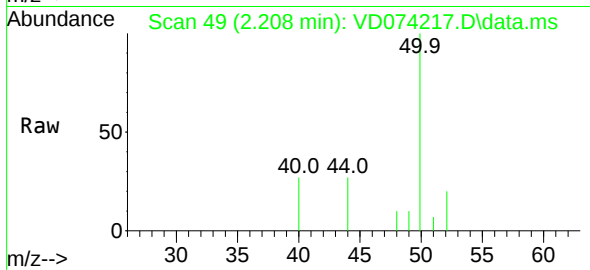




#3
Chloromethane
Concen: 3.261 ug/l
RT: 2.208 min Scan# 49
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

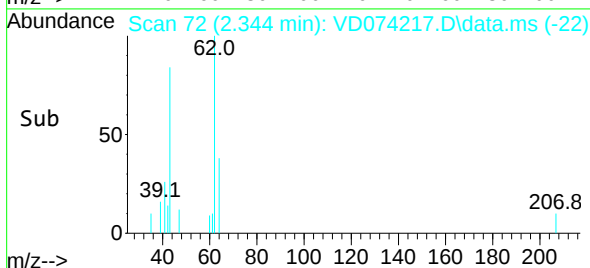
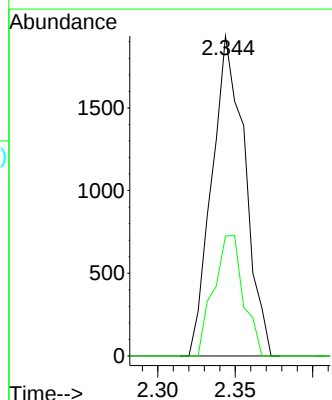
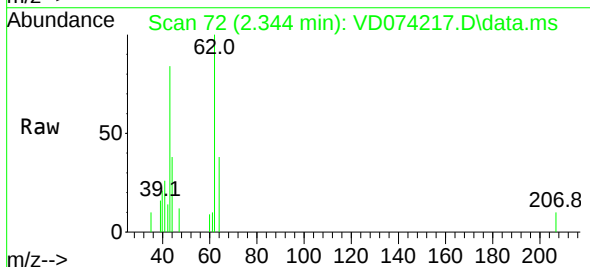
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

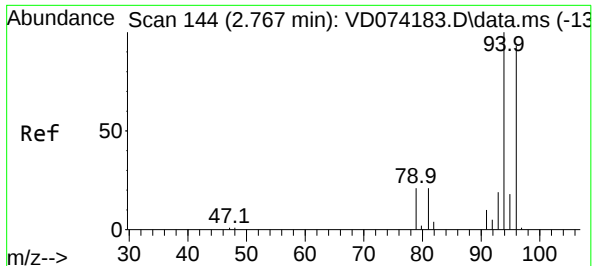
Tgt Ion: 50 Resp: 2670
Ion Ratio Lower Upper
50 100
52 19.6 27.4 41.0#



#4
Vinyl Chloride
Concen: 3.320 ug/l
RT: 2.344 min Scan# 72
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 62 Resp: 2854
Ion Ratio Lower Upper
62 100
64 37.5 25.4 38.0

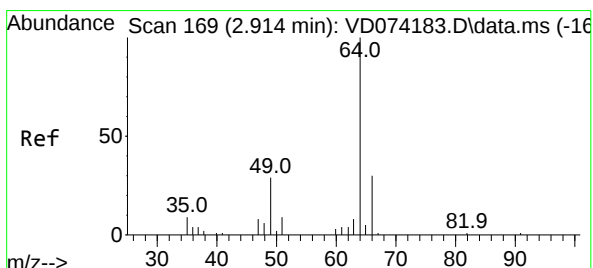
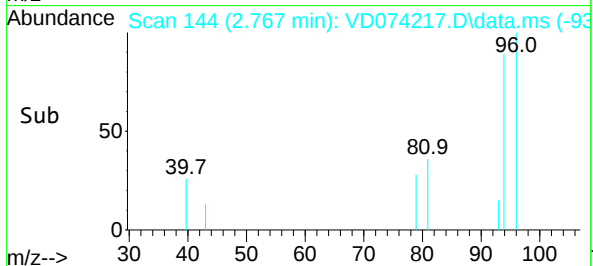
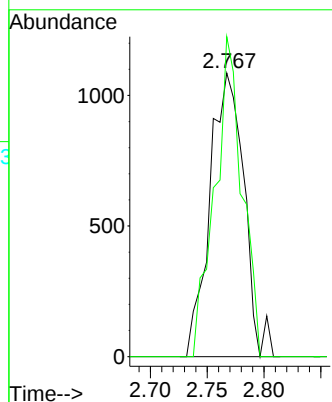
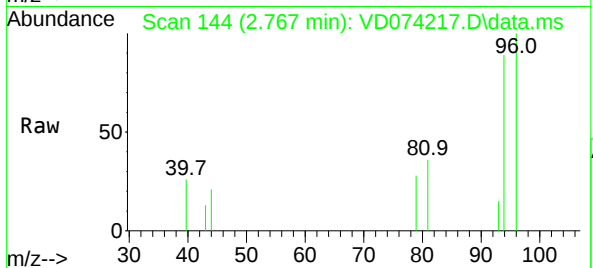




#5
Bromomethane
Concen: 4.077 ug/l
RT: 2.767 min Scan# 144
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

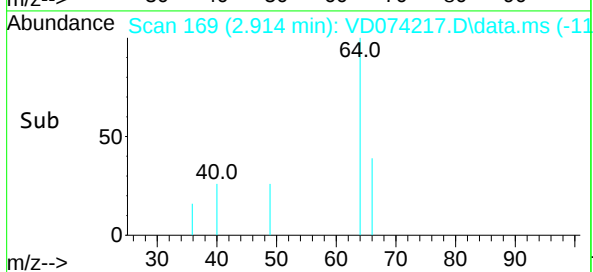
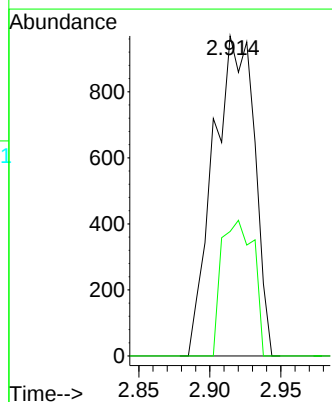
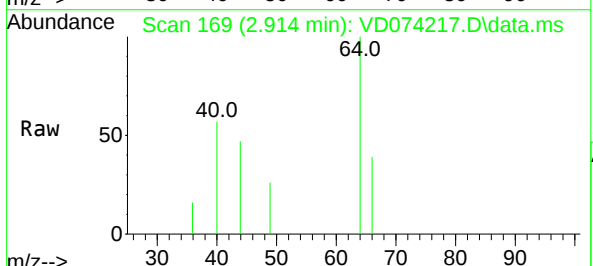
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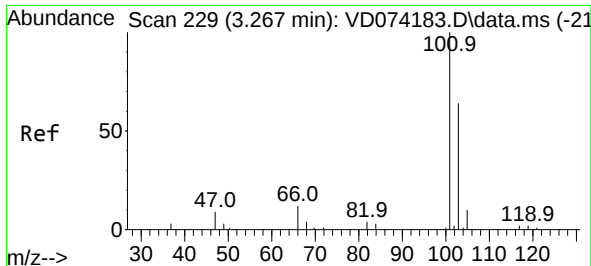
Tgt Ion: 94 Resp: 2263
Ion Ratio Lower Upper
94 100
96 112.8 77.6 116.4



#6
Chloroethane
Concen: 3.499 ug/l
RT: 2.914 min Scan# 169
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 64 Resp: 1952
Ion Ratio Lower Upper
64 100
66 38.9 25.9 38.9#

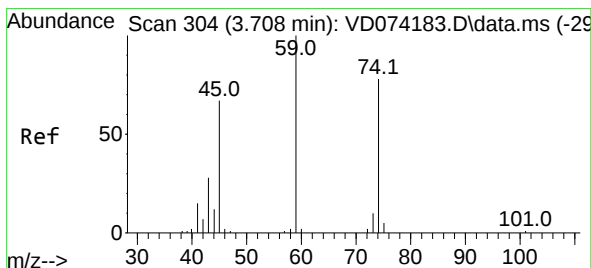
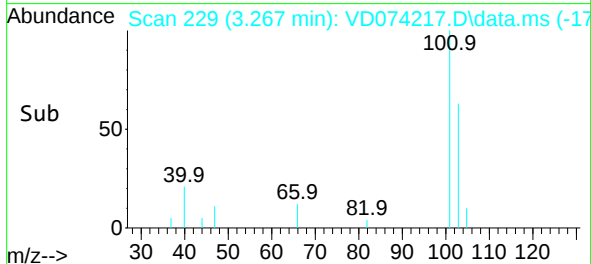
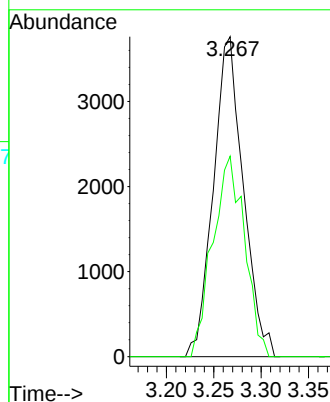
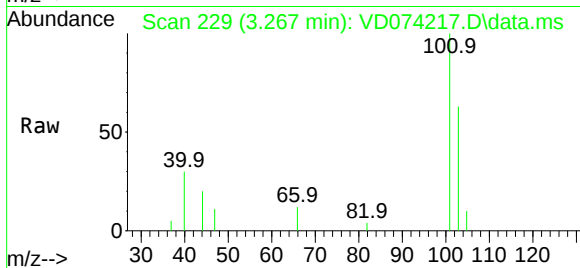




#7
 Trichlorofluoromethane
 Concen: 3.307 ug/l
 RT: 3.267 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

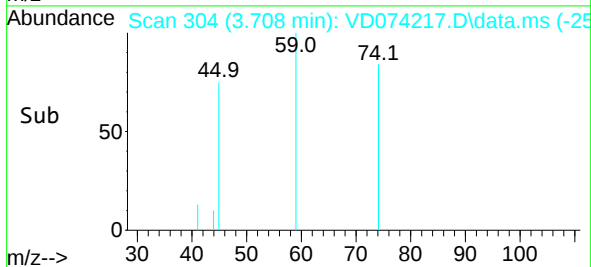
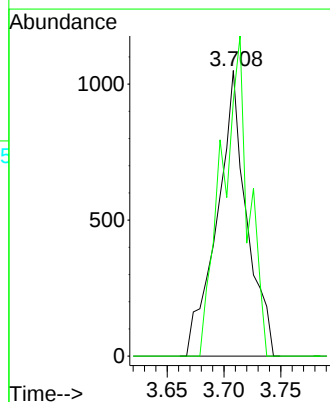
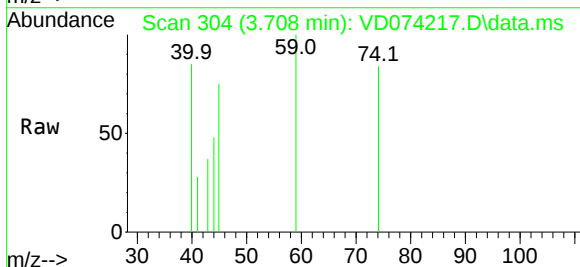
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

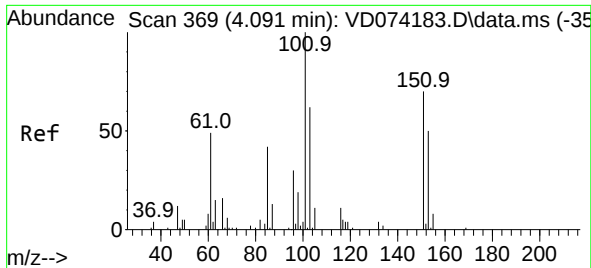
Tgt Ion:101 Resp: 8259
 Ion Ratio Lower Upper
 101 100
 103 62.6 50.1 75.1



#8
 Diethyl Ether
 Concen: 2.820 ug/l
 RT: 3.708 min Scan# 304
 Delta R.T. 0.000 min
 Lab File: VD074217.D
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Tgt Ion: 74 Resp: 1892
 Ion Ratio Lower Upper
 74 100
 45 102.0 52.6 157.8

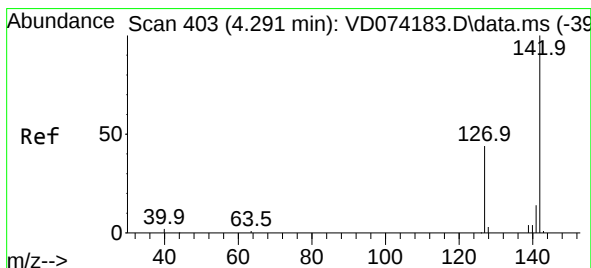
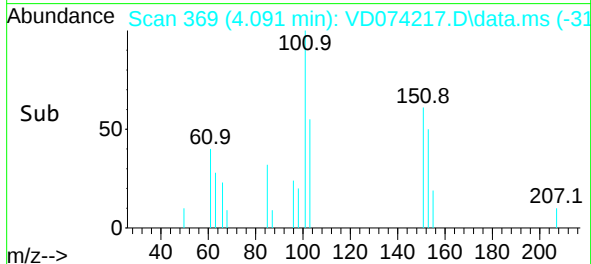
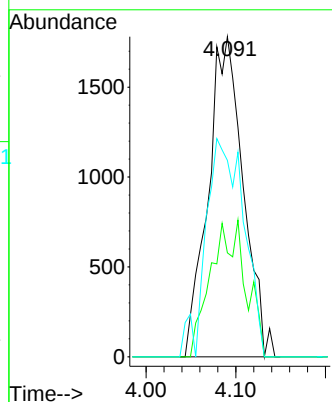
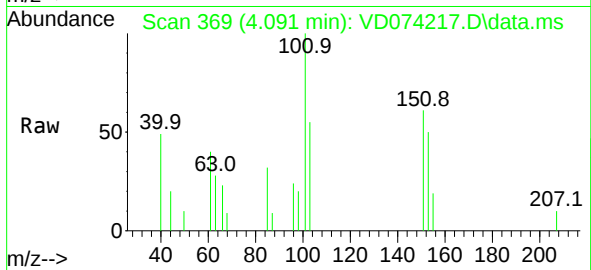




#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.203 ug/l
RT: 4.091 min Scan# 369
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

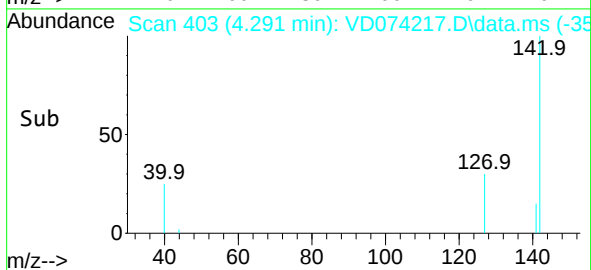
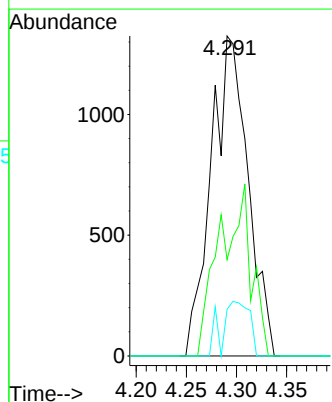
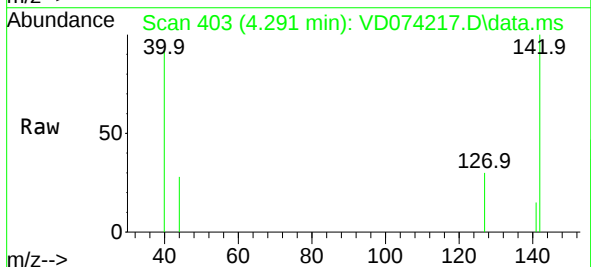
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

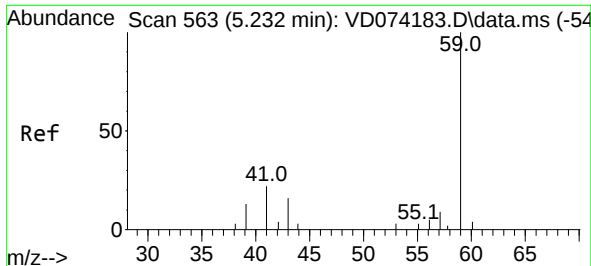
Tgt Ion:101 Resp: 4839
Ion Ratio Lower Upper
101 100
85 42.2 36.4 54.6
151 0.0 57.3 85.9#



#10
Methyl Iodide
Concen: 2.041 ug/l
RT: 4.291 min Scan# 403
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion:142 Resp: 3382
Ion Ratio Lower Upper
142 100
127 20.2 37.3 55.9#
141 12.8 11.7 17.5





#11

Tert butyl alcohol

Concen: 13.426 ug/l

RT: 5.220 min Scan# 5

Delta R.T. -0.012 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

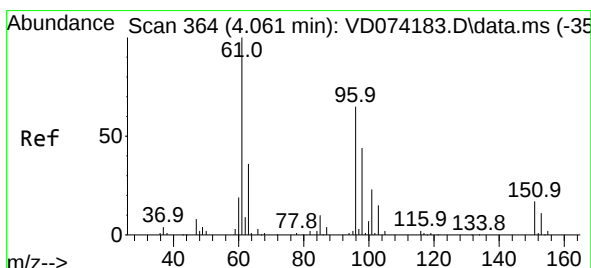
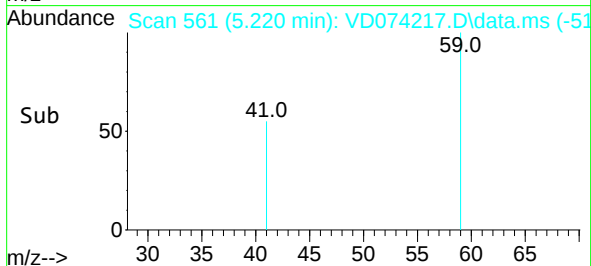
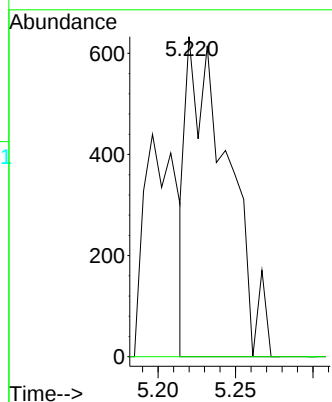
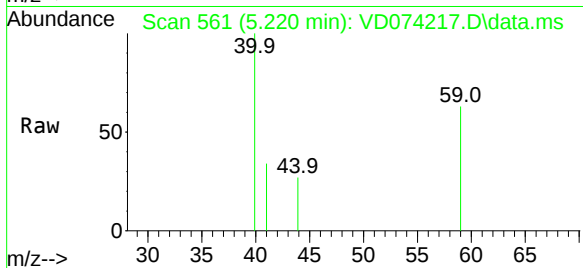
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 59 Resp: 1170

Ion Ratio Lower Upper

59 100

57 0.0 7.8 11.6#



#12

1,1-Dichloroethene

Concen: 1.542 ug/l

RT: 4.049 min Scan# 362

Delta R.T. -0.012 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

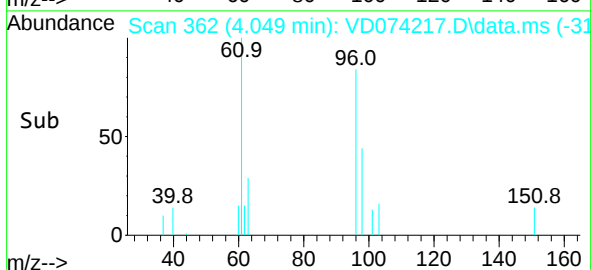
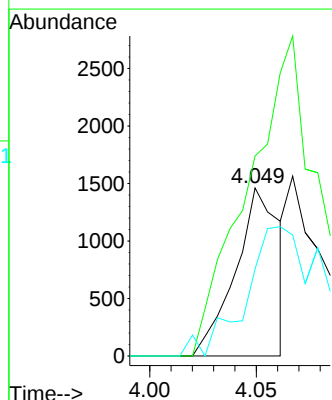
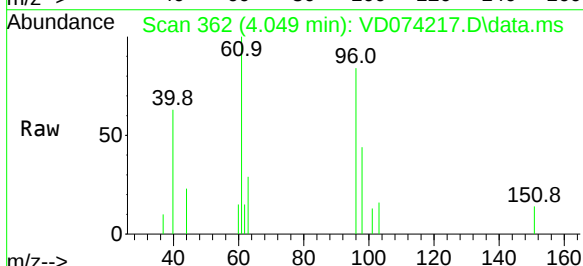
Tgt Ion: 96 Resp: 2084

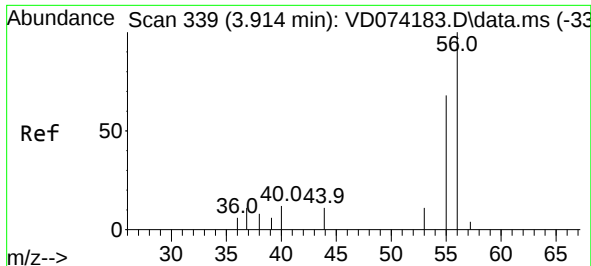
Ion Ratio Lower Upper

96 100

61 119.0 138.5 207.7#

98 51.8 48.6 73.0

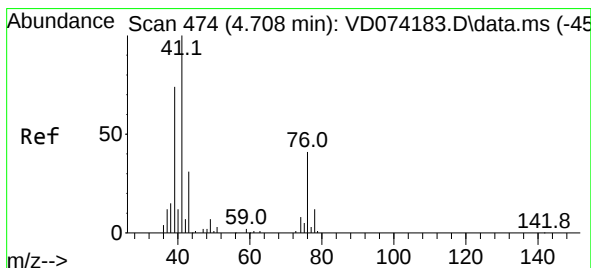
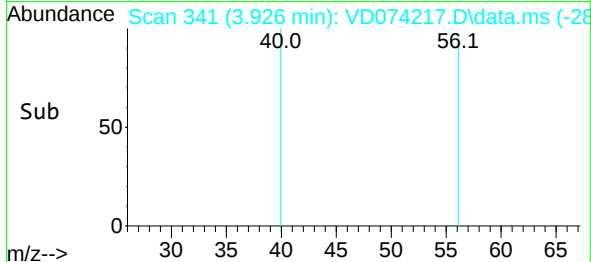
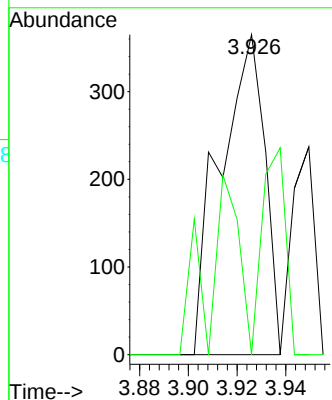
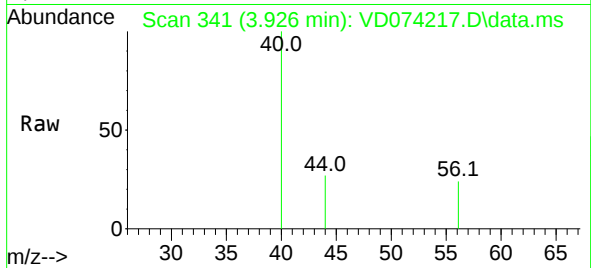




#13
Acrolein
Concen: 11.391 ug/l
RT: 3.926 min Scan# 341
Delta R.T. 0.012 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

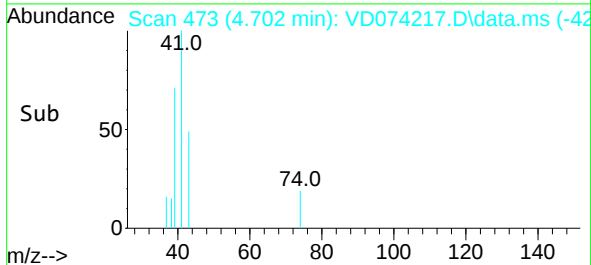
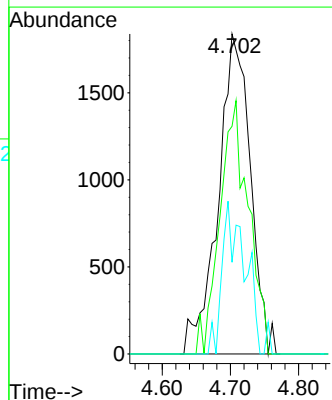
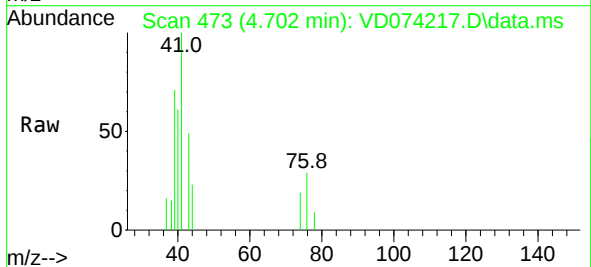
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

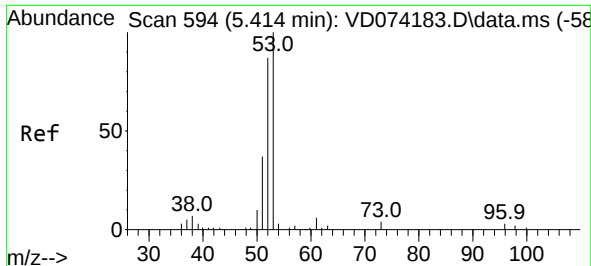
Tgt Ion: 56 Resp: 466
Ion Ratio Lower Upper
56 100
55 38.8 57.1 85.7#



#14
Allyl chloride
Concen: 2.859 ug/l
RT: 4.702 min Scan# 473
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 41 Resp: 6048
Ion Ratio Lower Upper
41 100
39 70.4 59.3 88.9
76 33.5 25.7 38.5

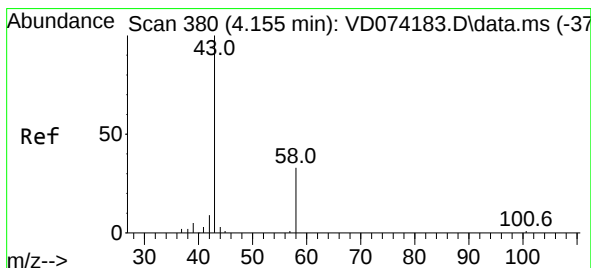
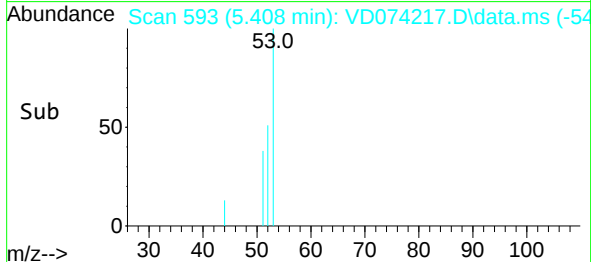
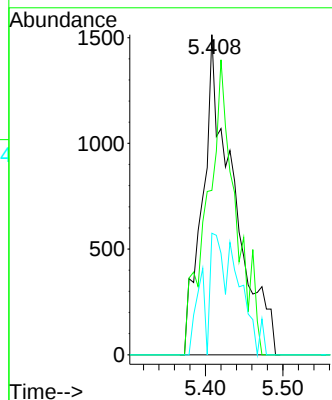
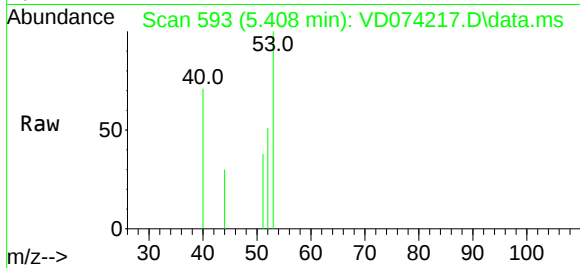




#15
Acrylonitrile
Concen: 13.487 ug/l
RT: 5.408 min Scan# 51
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

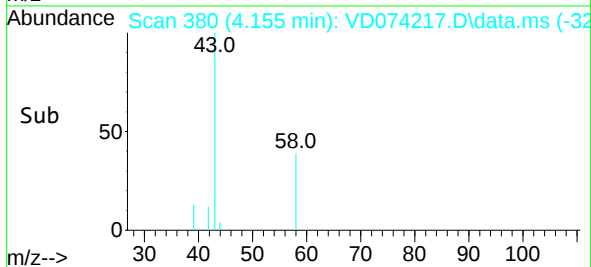
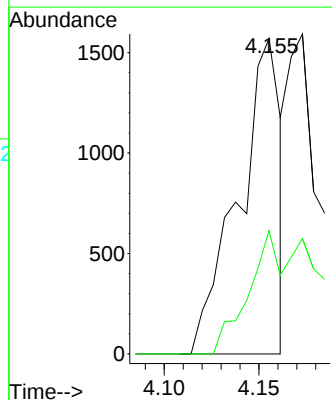
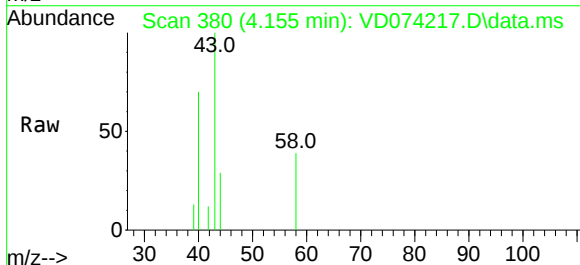
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

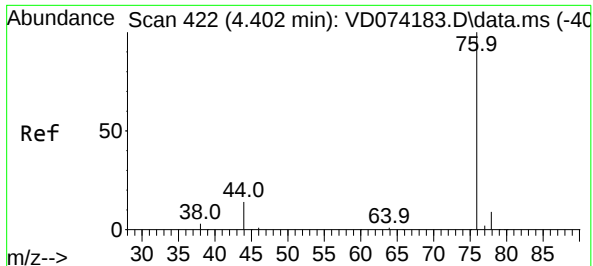
Tgt Ion: 53 Resp: 4208
Ion Ratio Lower Upper
53 100
52 85.4 67.2 100.8
51 16.0 30.3 45.5#



#16
Acetone
Concen: 9.100 ug/l
RT: 4.155 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 39.1 22.1 33.1#

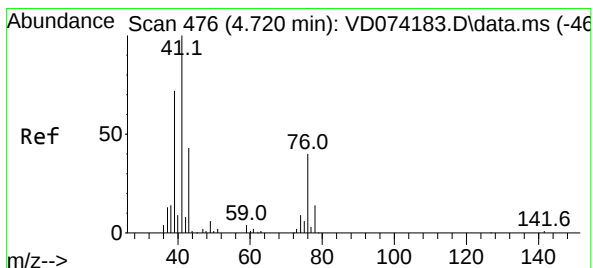
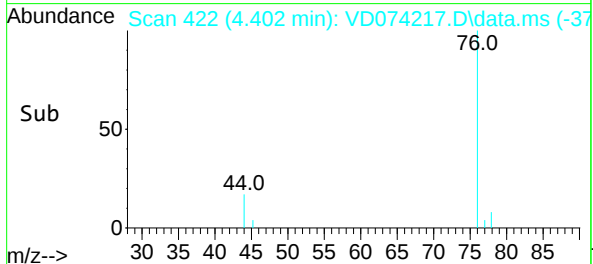
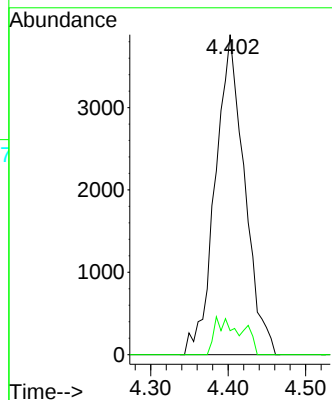
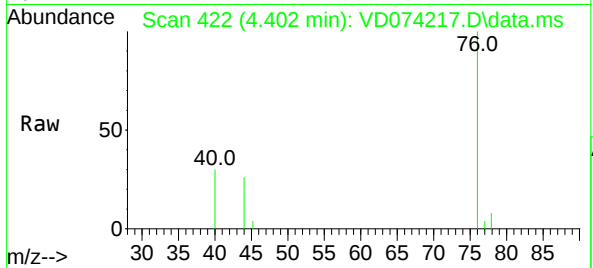




#17
Carbon Disulfide
Concen: 2.574 ug/l
RT: 4.402 min Scan# 41
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

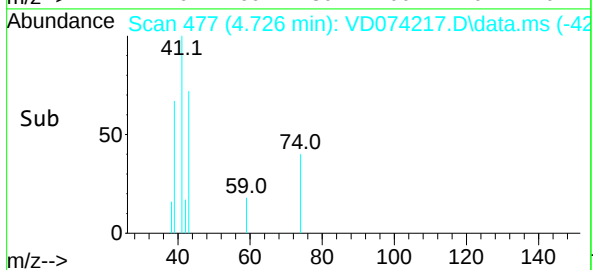
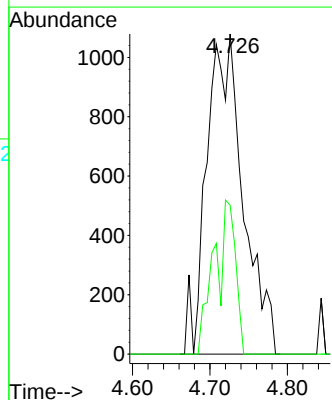
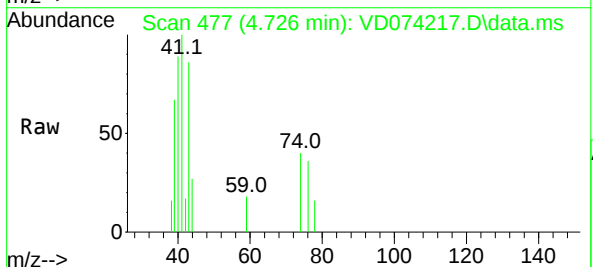
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

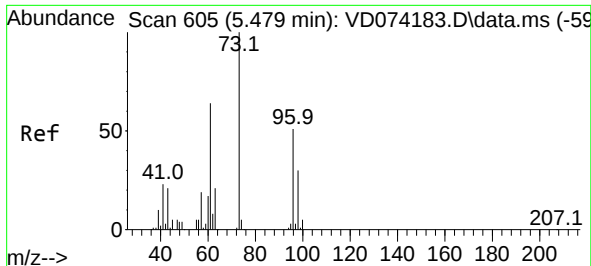
Tgt Ion: 76 Resp: 10181
Ion Ratio Lower Upper
76 100
78 7.5 7.5 11.3#



#18
Methyl Acetate
Concen: 4.205 ug/l
RT: 4.726 min Scan# 477
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 43 Resp: 3534
Ion Ratio Lower Upper
43 100
74 27.7 16.7 25.1#

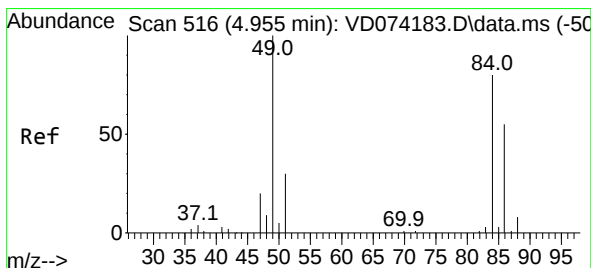
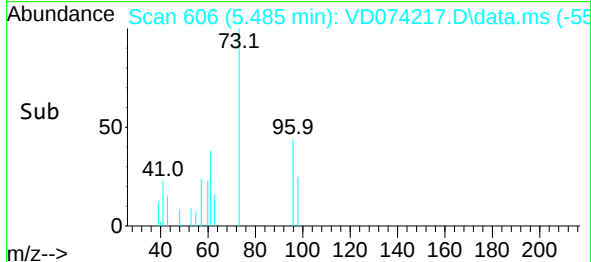
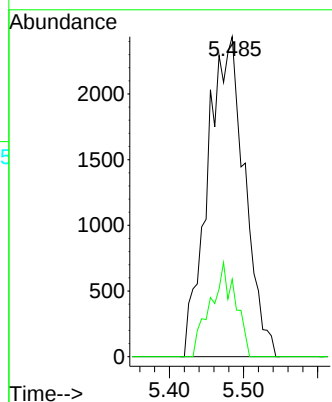
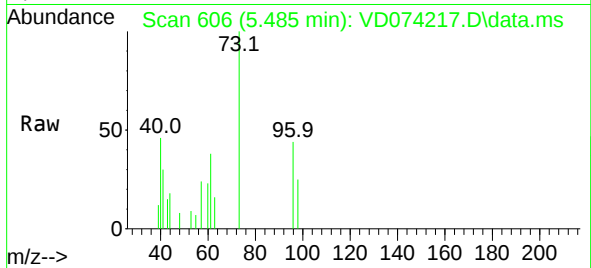




#19
Methyl tert-butyl Ether
Concen: 2.613 ug/l
RT: 5.485 min Scan# 605
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

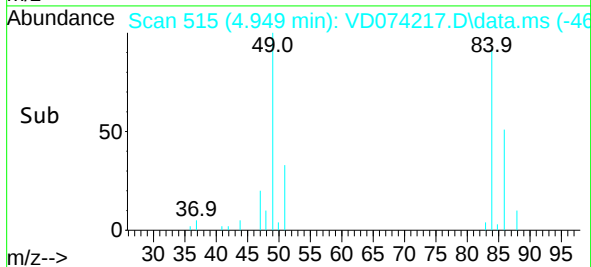
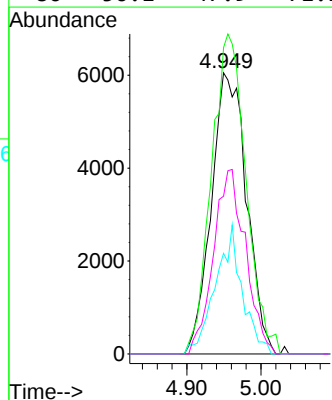
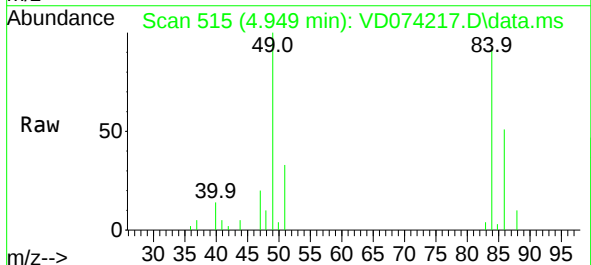
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

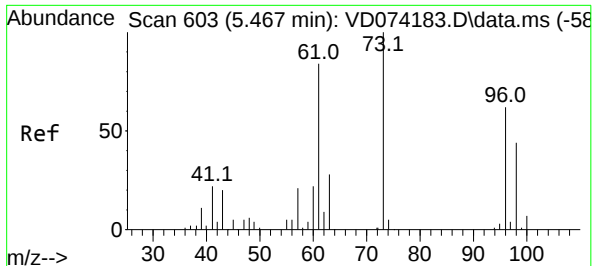
Tgt Ion: 73 Resp: 8455
Ion Ratio Lower Upper
73 100
57 24.2 18.0 27.0



#20
Methylene Chloride
Concen: 9.539 ug/l
RT: 4.949 min Scan# 515
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 84 Resp: 19920
Ion Ratio Lower Upper
84 100
49 109.0 112.8 169.2#
51 35.8 32.6 48.8
86 56.1 47.9 71.9

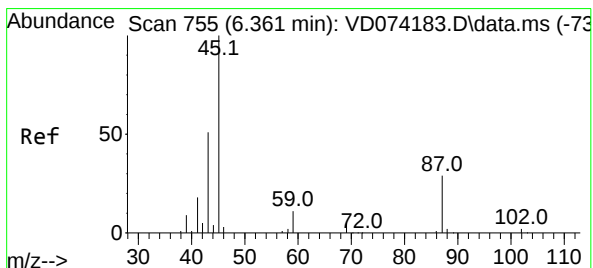
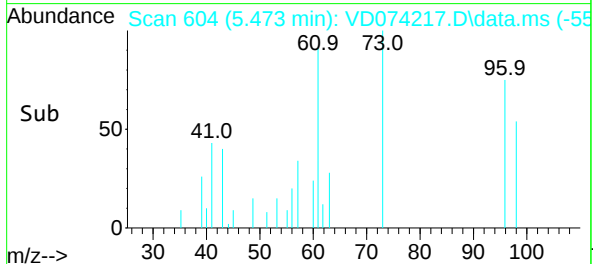
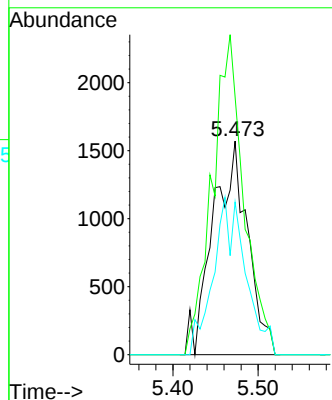
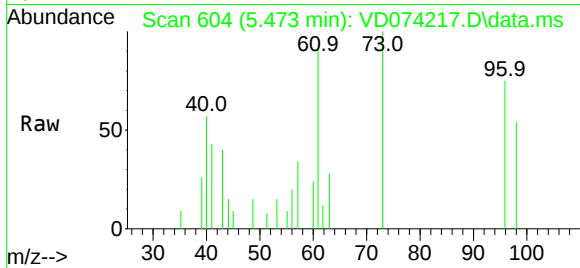




#21
trans-1,2-Dichloroethene
Concen: 2.808 ug/l
RT: 5.473 min Scan# 603
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

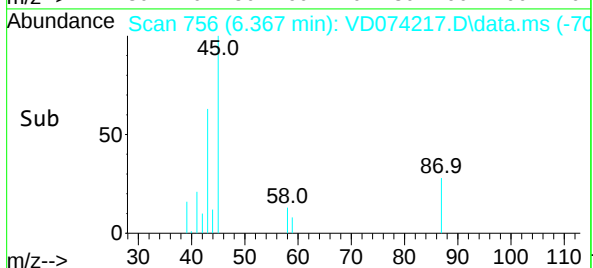
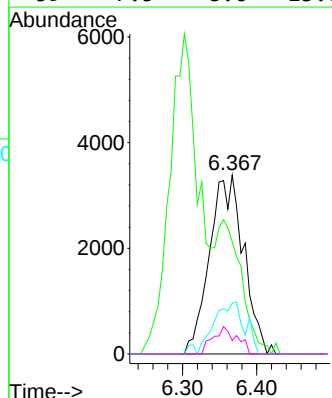
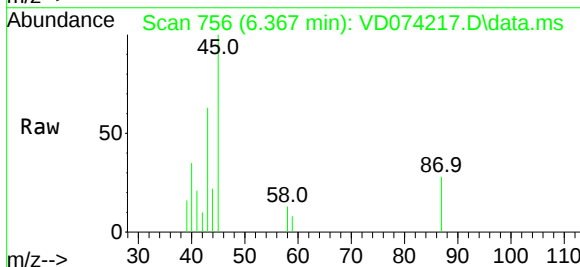
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

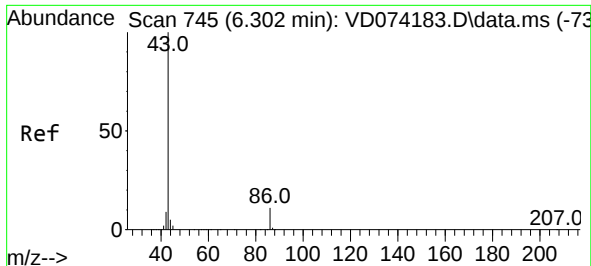
Tgt Ion: 96 Resp: 4436
Ion Ratio Lower Upper
96 100
61 120.8 117.9 176.9
98 71.4 49.4 74.2



#22
Diisopropyl ether
Concen: 2.489 ug/l
RT: 6.367 min Scan# 756
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 45 Resp: 10799
Ion Ratio Lower Upper
45 100
43 62.8 46.6 70.0
87 28.4 18.4 27.6#
59 7.5 8.6 13.0#

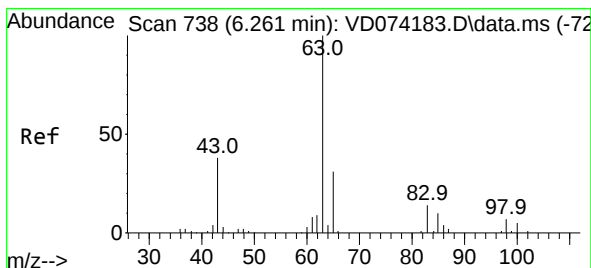
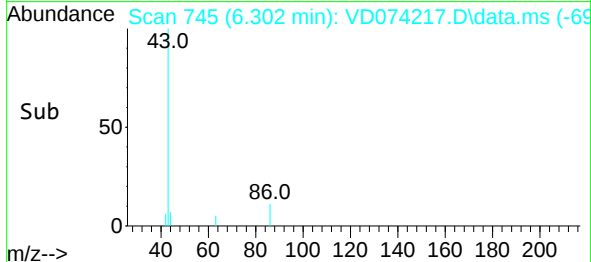
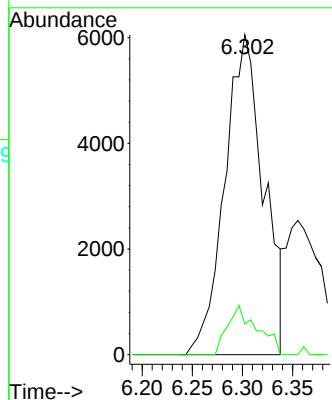
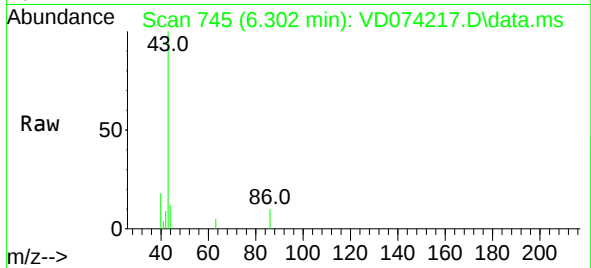




#23
 Vinyl Acetate
 Concen: 7.393 ug/l
 RT: 6.302 min Scan# 745
 Delta R.T. 0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

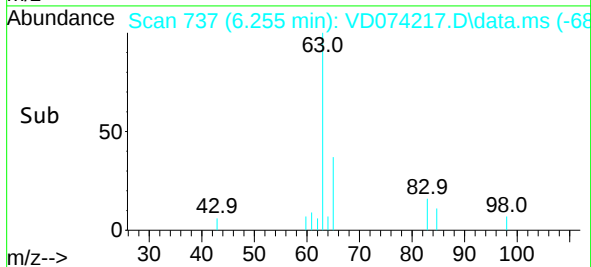
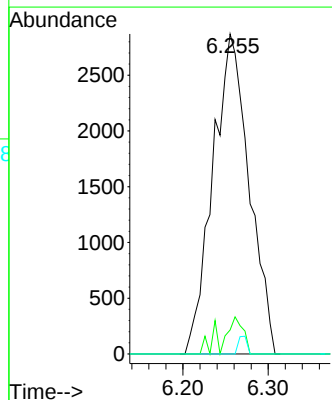
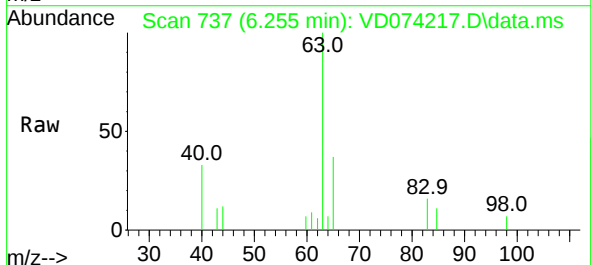
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

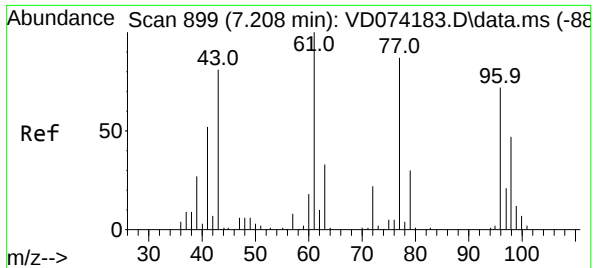
Tgt Ion: 43 Resp: 16393
 Ion Ratio Lower Upper
 43 100
 86 9.7 7.1 10.7



#24
 1,1-Dichloroethane
 Concen: 2.981 ug/l
 RT: 6.255 min Scan# 737
 Delta R.T. -0.006 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

Tgt Ion: 63 Resp: 8526
 Ion Ratio Lower Upper
 63 100
 98 7.5 3.6 10.9
 100 0.0 2.1 6.5#





#25

2-Butanone

Concen: 14.937 ug/l

RT: 7.202 min Scan# 898

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

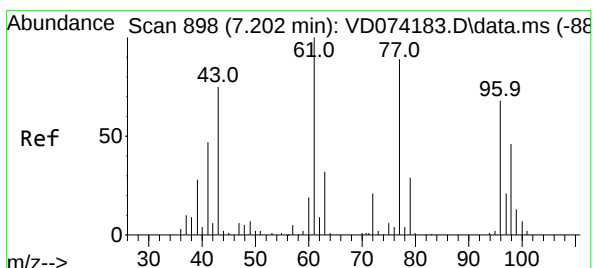
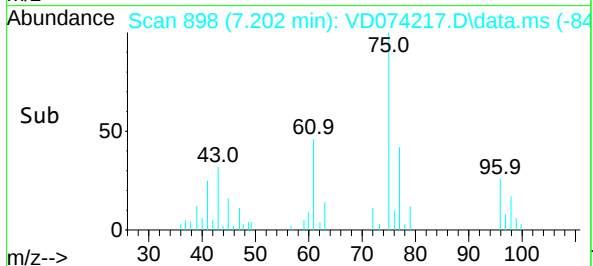
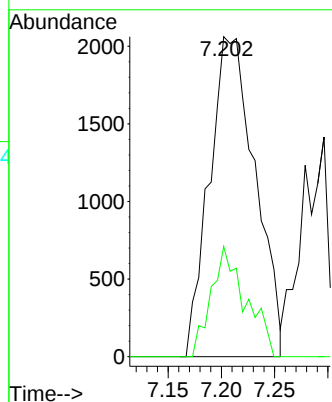
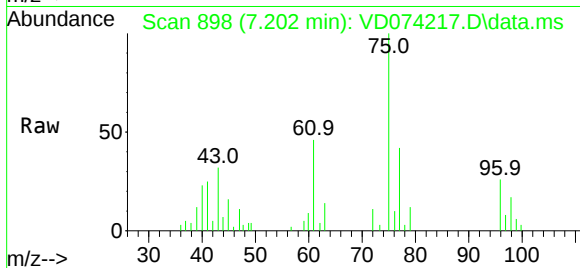
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 43 Resp: 6165

Ion Ratio Lower Upper

43 100

72 34.4 18.6 27.8#



#26

2,2-Dichloropropane

Concen: 3.158 ug/l

RT: 7.202 min Scan# 898

Delta R.T. 0.000 min

Lab File: VD074217.D

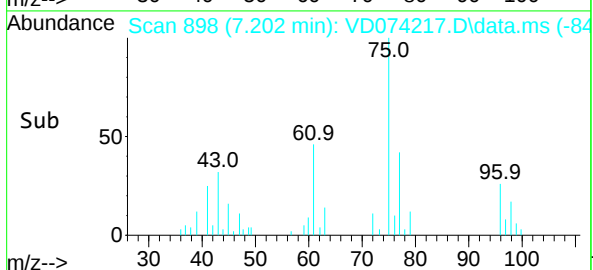
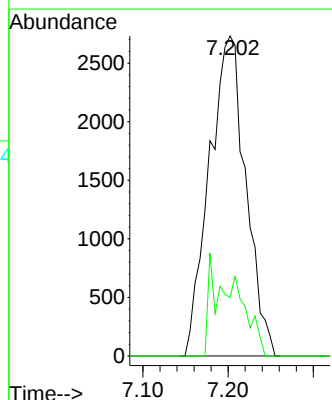
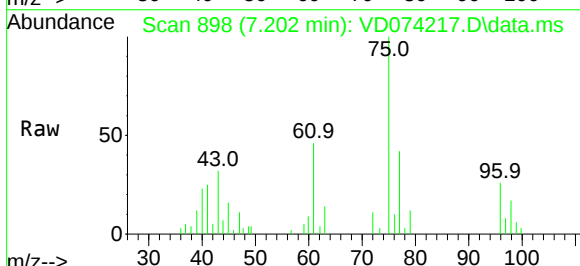
Acq: 24 Aug 2022 12:13

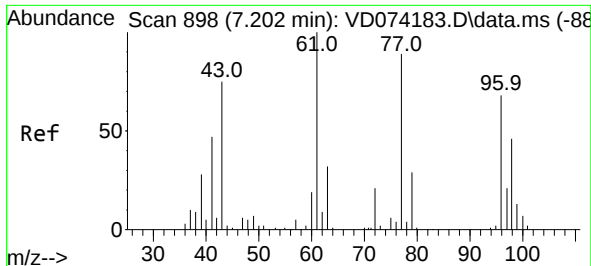
Tgt Ion: 77 Resp: 8139

Ion Ratio Lower Upper

77 100

97 0.0 10.8 32.4#

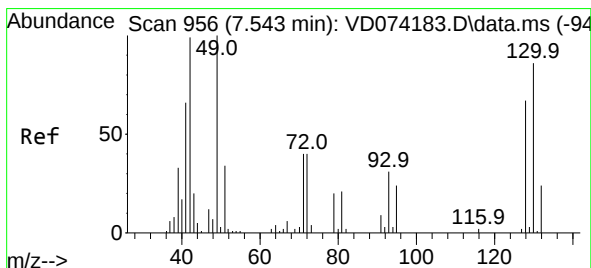
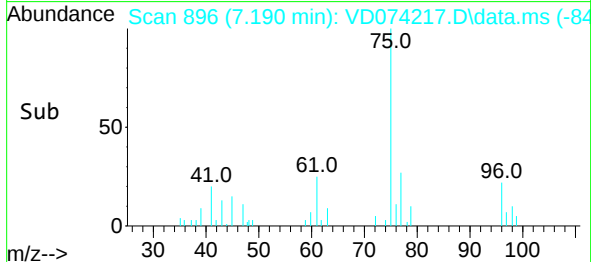
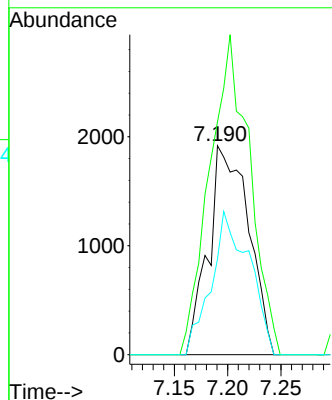
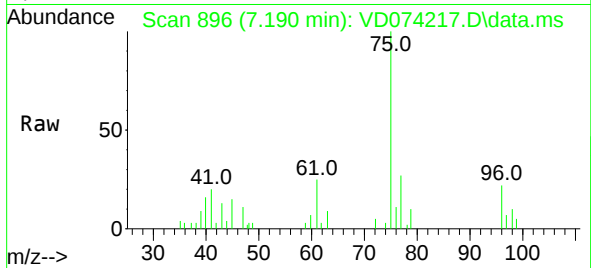




#27
cis-1,2-Dichloroethene
Concen: 2.841 ug/l
RT: 7.190 min Scan# 898
Delta R.T. -0.012 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

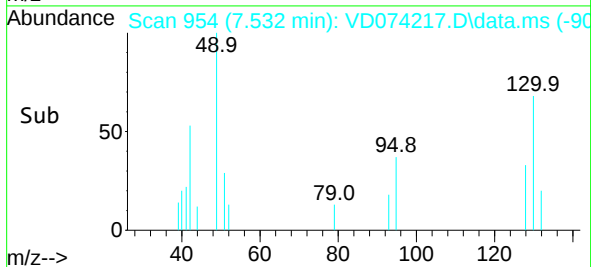
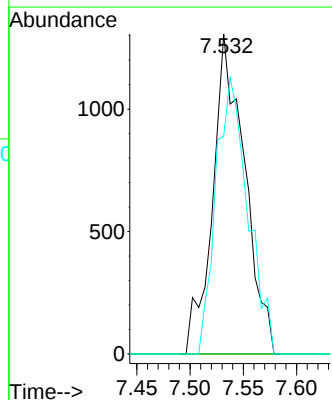
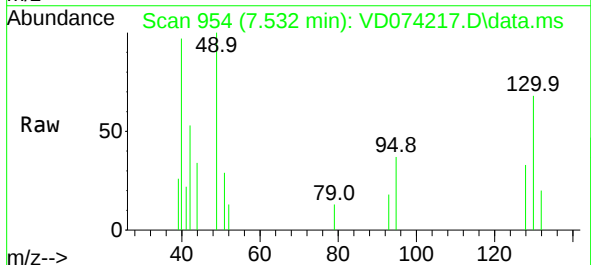
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

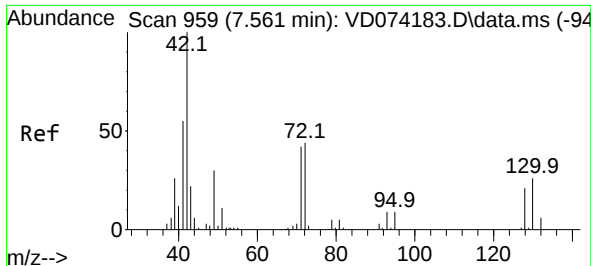
Tgt Ion: 96 Resp: 5045
Ion Ratio Lower Upper
96 100
61 151.8 0.0 313.8
98 64.7 0.0 128.8



#28
Bromochloromethane
Concen: 3.159 ug/l
RT: 7.532 min Scan# 954
Delta R.T. -0.011 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 49 Resp: 2731
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.0
130 86.2 52.6 79.0#





#29

Tetrahydrofuran

Concen: 14.289 ug/l

RT: 7.555 min Scan# 91

Delta R.T. -0.006 min

Lab File: VD074217.D

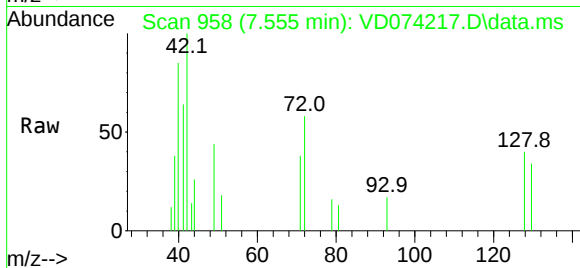
Acq: 24 Aug 2022 12:13

Instrument :

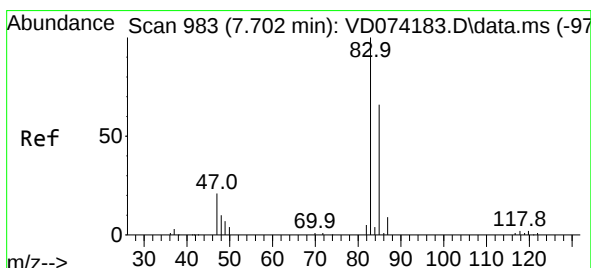
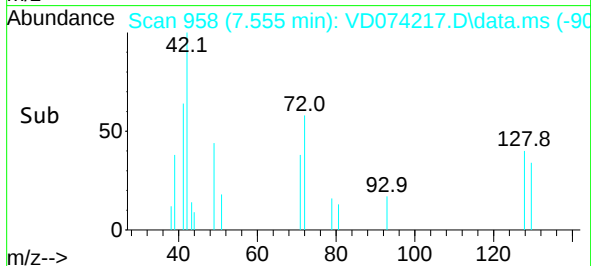
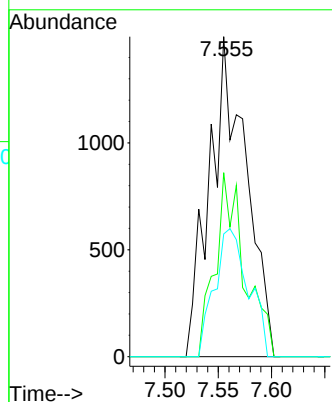
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion: 42	Resp: 3559
Ion Ratio	Lower Upper
42	100
72	46.3 30.7 46.1#
71	37.3 28.6 43.0



#30

Chloroform

Concen: 3.047 ug/l

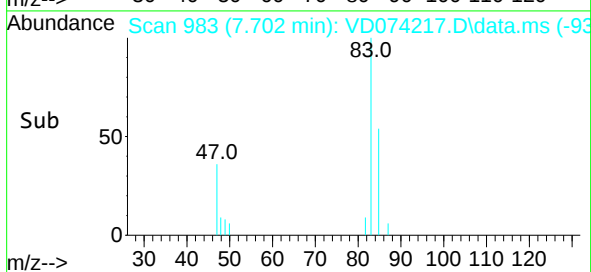
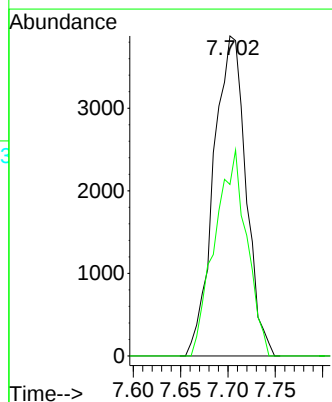
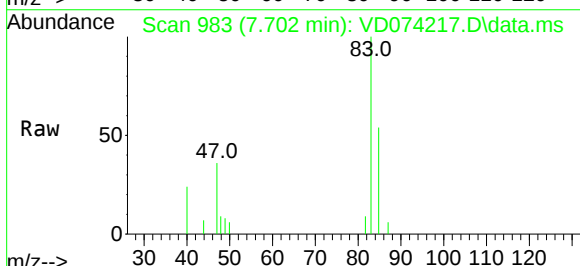
RT: 7.702 min Scan# 983

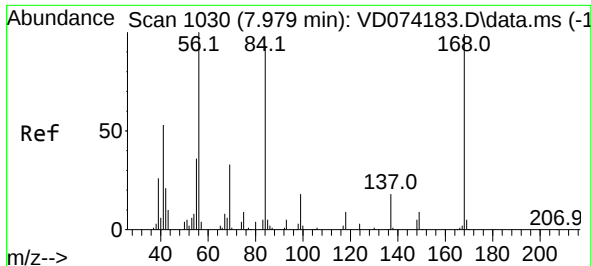
Delta R.T. 0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

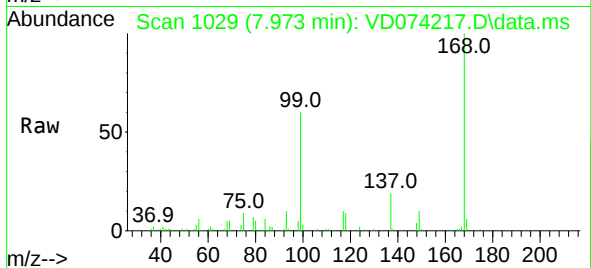
Tgt Ion: 83	Resp: 9190
Ion Ratio	Lower Upper
83	100
85	53.6 52.7 79.1



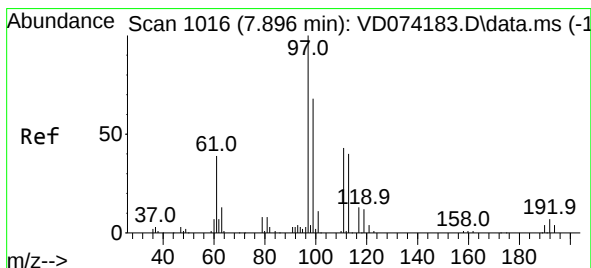
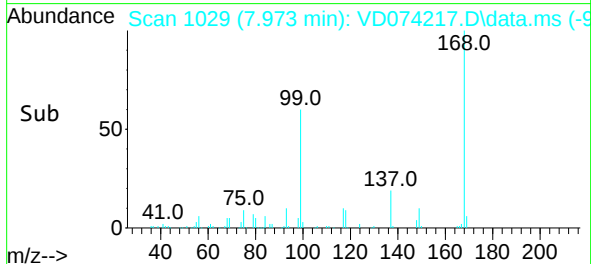
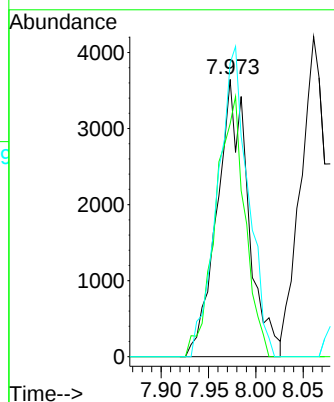


#31
Cyclohexane
Concen: 3.376 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

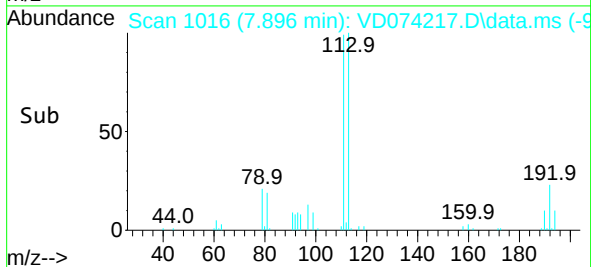
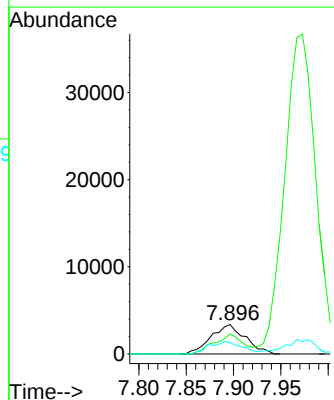
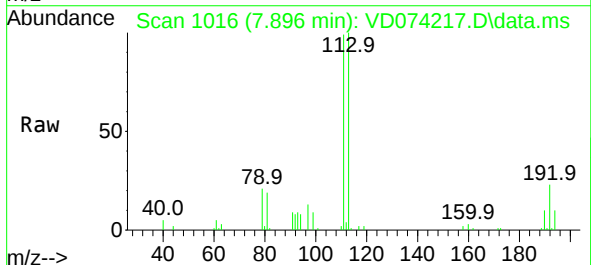


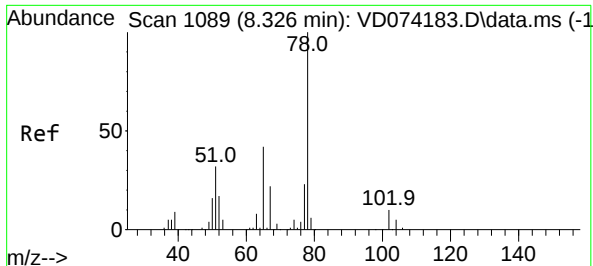
Tgt Ion: 56 Resp: 8410
Ion Ratio Lower Upper
56 100
69 84.0 25.4 38.2#
84 105.8 63.0 94.4#



#32
1,1,1-Trichloroethane
Concen: 3.026 ug/l
RT: 7.896 min Scan# 1016
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 97 Resp: 8457
Ion Ratio Lower Upper
97 100
99 56.8 52.4 78.6
61 40.6 38.0 57.0





#33

1,2-Dichloroethane-d4

Concen: 50.460 ug/l

RT: 8.320 min Scan# 1107

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

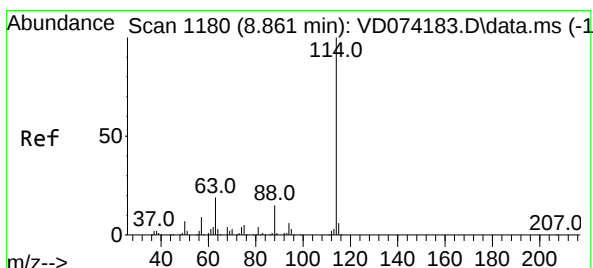
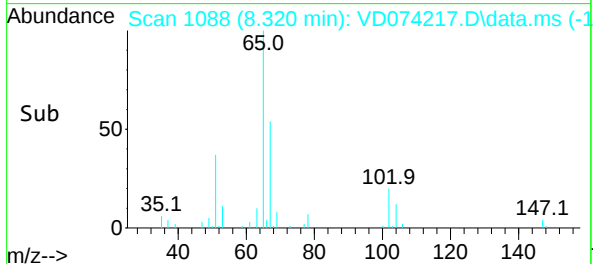
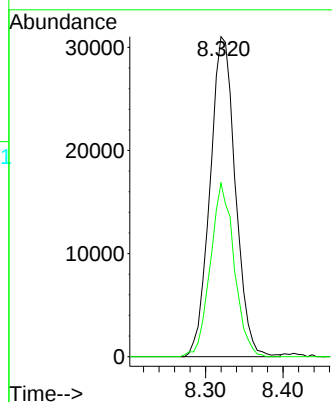
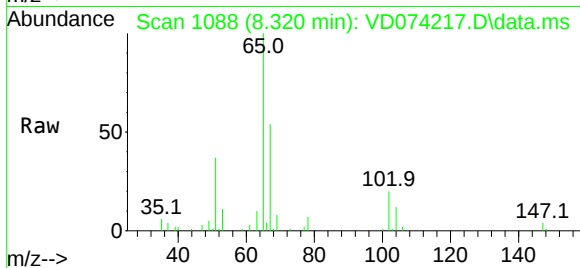
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 65 Resp: 70612

Ion Ratio Lower Upper

65 100

67 50.9 0.0 101.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.855 min Scan# 1179

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

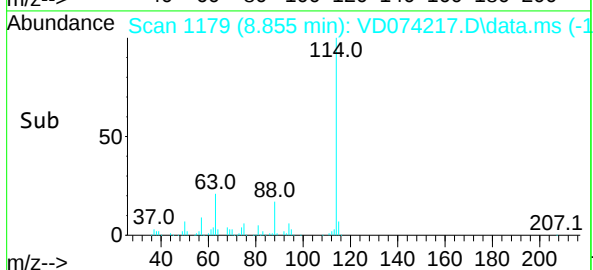
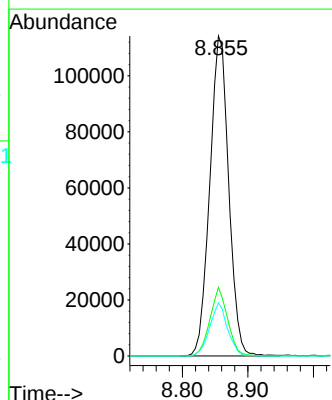
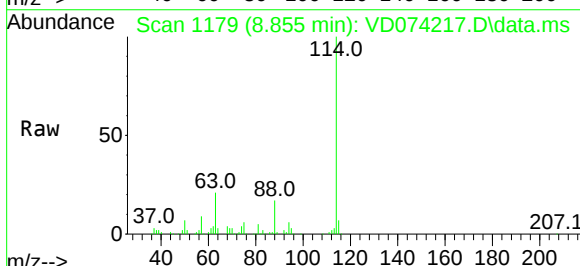
Tgt Ion: 114 Resp: 228961

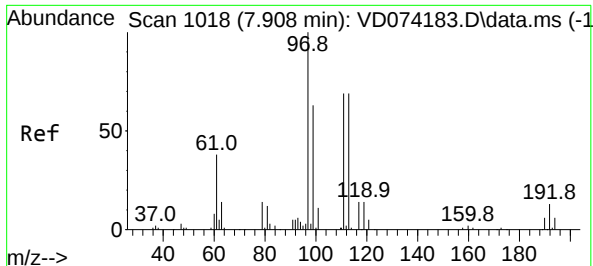
Ion Ratio Lower Upper

114 100

63 21.5 0.0 46.6

88 16.6 0.0 33.2





#35

Dibromofluoromethane

Concen: 52.288 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. 0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

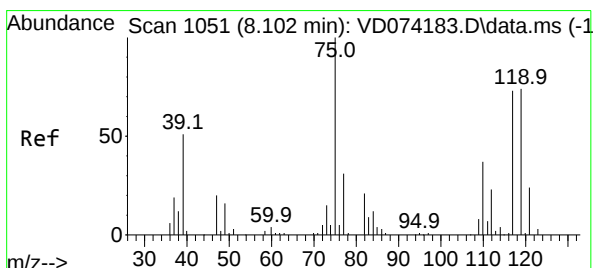
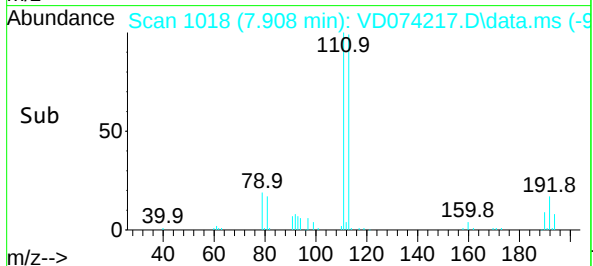
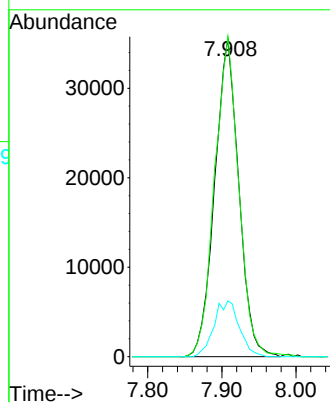
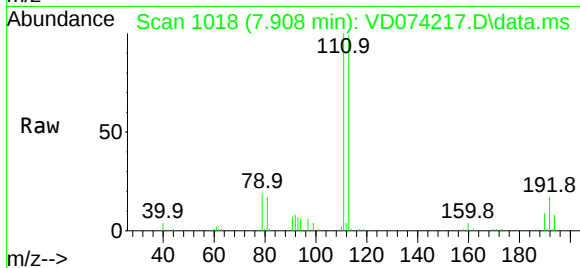
Tgt Ion:113 Resp: 80078

Ion Ratio Lower Upper

113 100

111 101.2 83.8 125.6

192 18.5 14.6 21.8



#36

1,1-Dichloropropene

Concen: 2.783 ug/l

RT: 8.114 min Scan# 1053

Delta R.T. 0.012 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

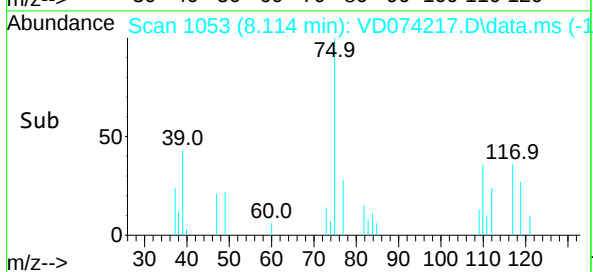
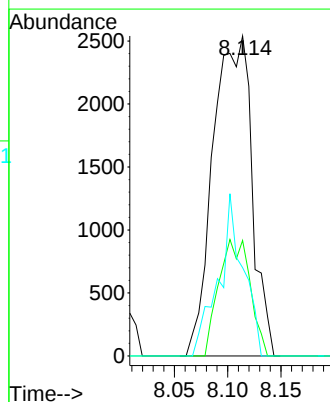
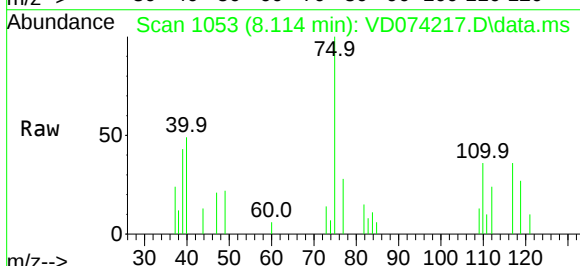
Tgt Ion: 75 Resp: 6441

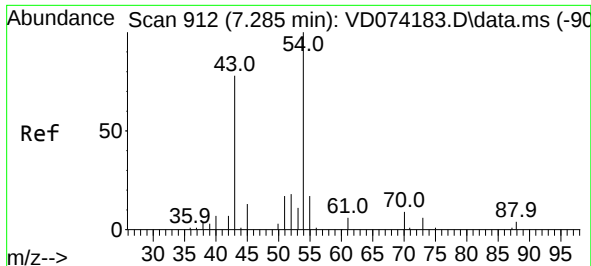
Ion Ratio Lower Upper

75 100

110 29.3 16.4 49.1

77 32.1 24.2 36.2





#37

Ethyl Acetate

Concen: 3.263 ug/l

RT: 7.296 min Scan# 912

Delta R.T. 0.011 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

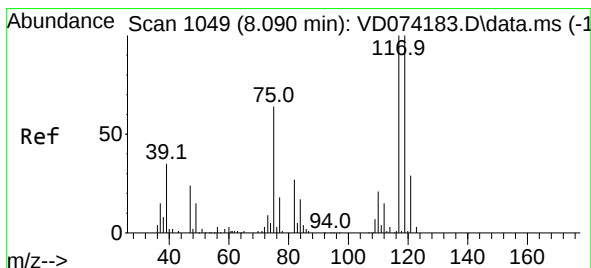
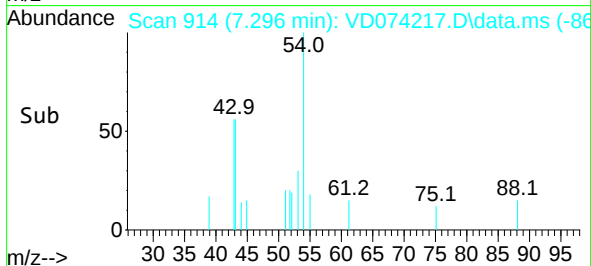
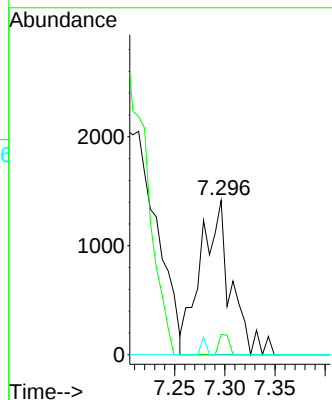
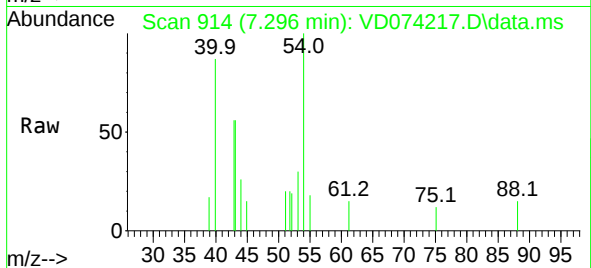
Tgt Ion: 43 Resp: 2978

Ion Ratio Lower Upper

43 100

61 0.0 9.8 14.8#

70 1.9 6.9 10.3#



#38

Carbon Tetrachloride

Concen: 2.697 ug/l

RT: 8.090 min Scan# 1049

Delta R.T. 0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

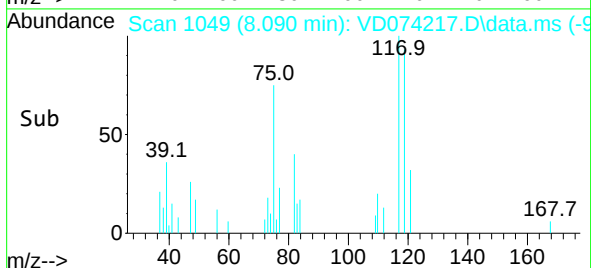
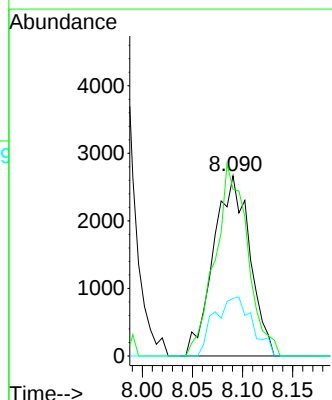
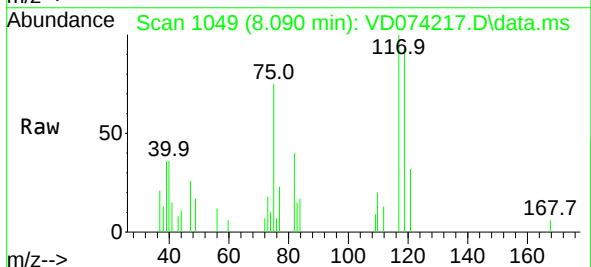
Tgt Ion: 117 Resp: 6705

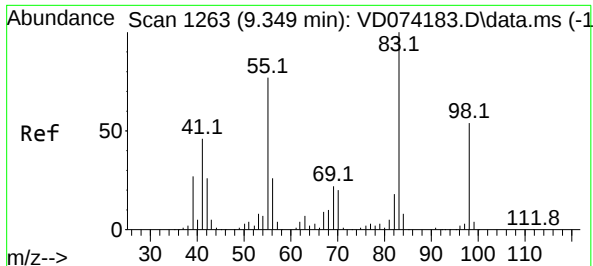
Ion Ratio Lower Upper

117 100

119 92.6 75.8 113.6

121 32.0 24.5 36.7





#39

Methylcyclohexane

Concen: 2.737 ug/l

RT: 9.355 min Scan# 1

Delta R.T. 0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

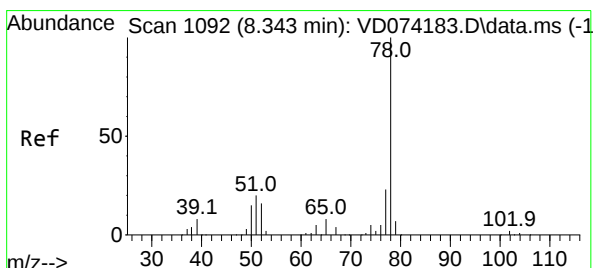
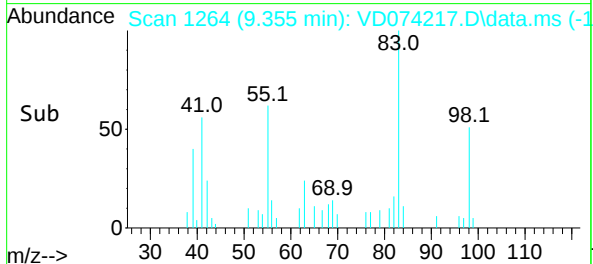
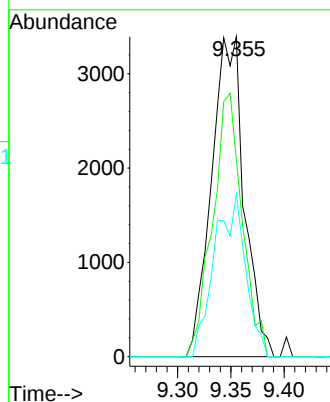
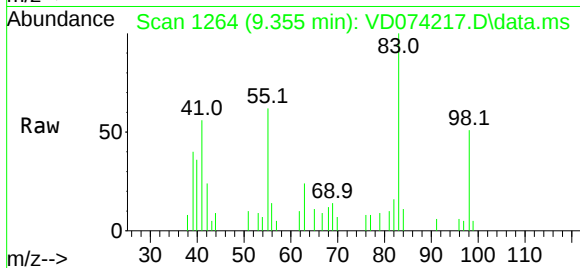
Tgt Ion: 83 Resp: 7230

Ion Ratio Lower Upper

83 100

55 61.6 63.2 94.8#

98 50.8 38.2 57.4



#40

Benzene

Concen: 2.642 ug/l

RT: 8.343 min Scan# 1092

Delta R.T. 0.000 min

Lab File: VD074217.D

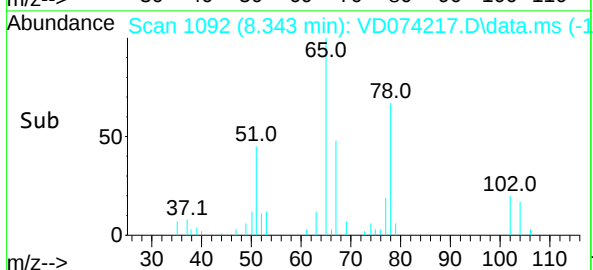
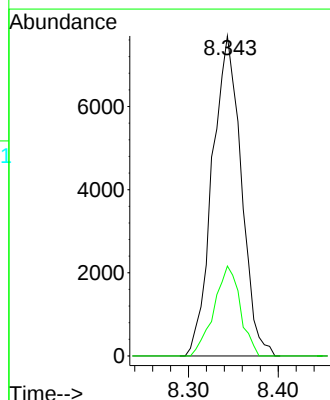
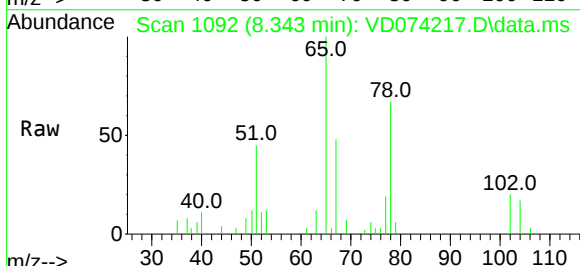
Acq: 24 Aug 2022 12:13

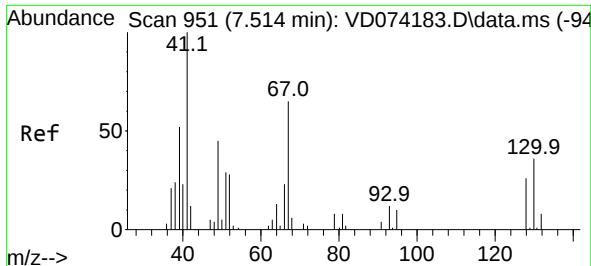
Tgt Ion: 78 Resp: 17239

Ion Ratio Lower Upper

78 100

77 28.1 19.1 28.7

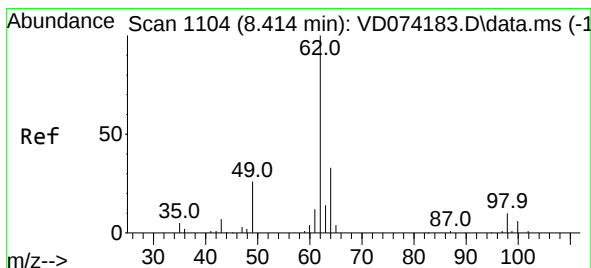
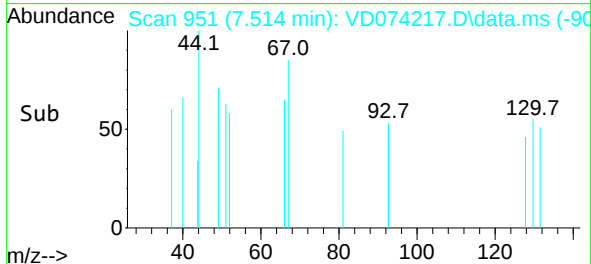
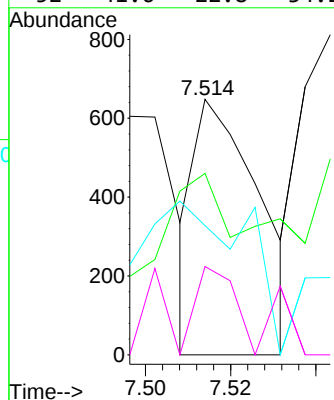
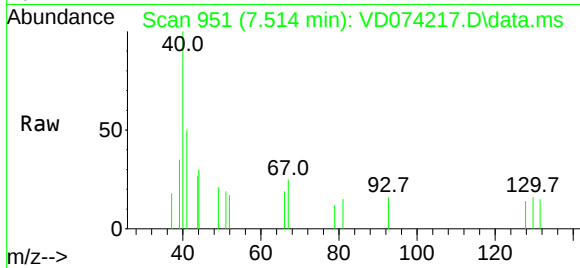




#41
Methacrylonitrile
Concen: 1.243 ug/l
RT: 7.514 min Scan# 91
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

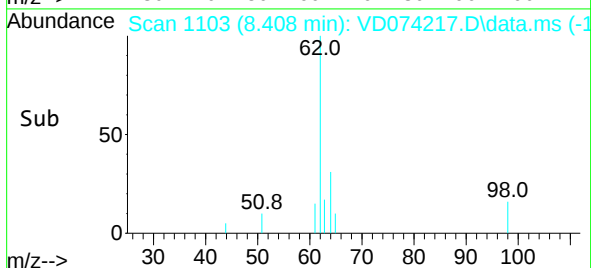
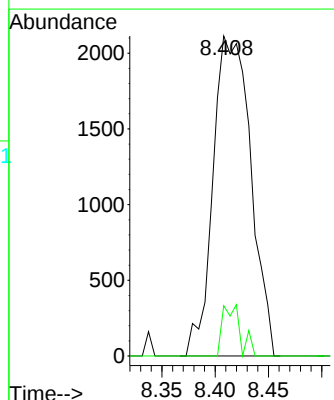
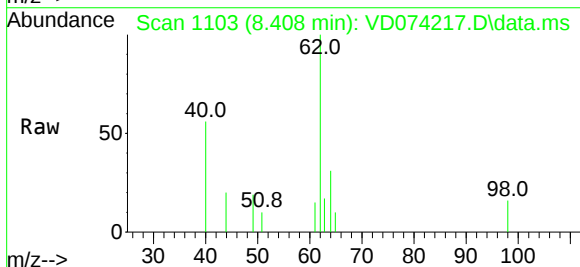
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

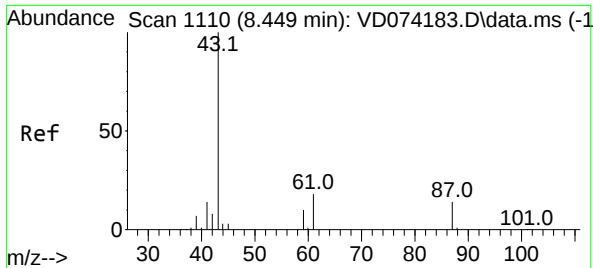
Tgt Ion: 41	Resp: 682
Ion Ratio	Lower Upper
41 100	
39 100.4	44.6 67.0#
67 108.2	48.2 72.4#
52 41.6	22.8 34.2#



#42
1,2-Dichloroethane
Concen: 2.705 ug/l
RT: 8.408 min Scan# 1103
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 62	Resp: 5202
Ion Ratio	Lower Upper
62 100	
98 7.5	0.0 17.6

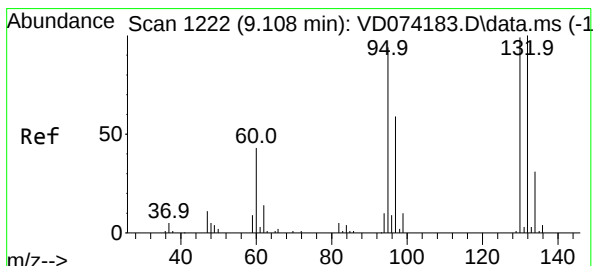
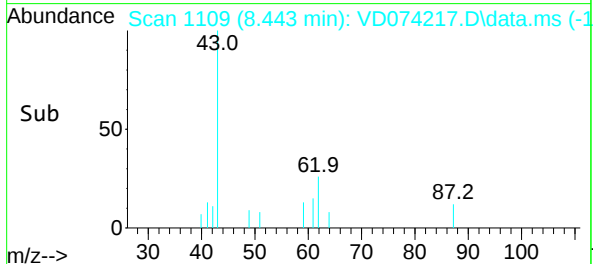
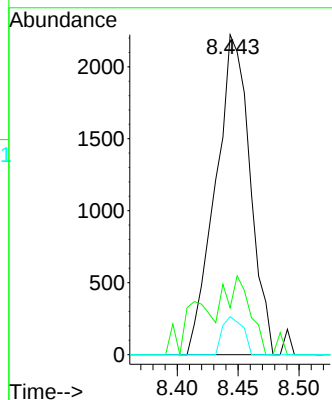
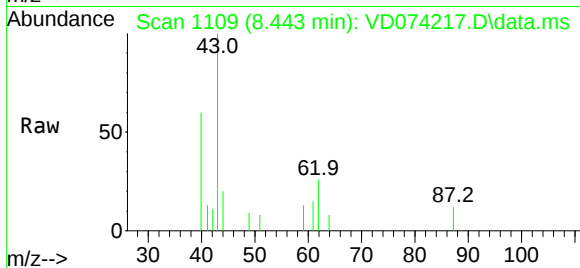




#43
Isopropyl Acetate
Concen: 2.389 ug/l
RT: 8.443 min Scan# 1110
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

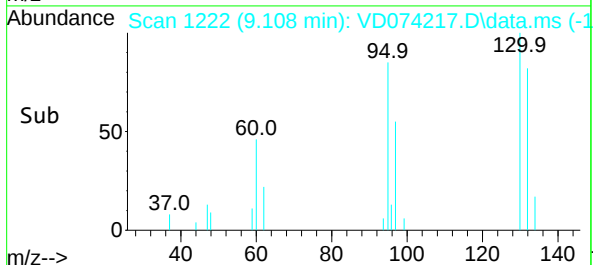
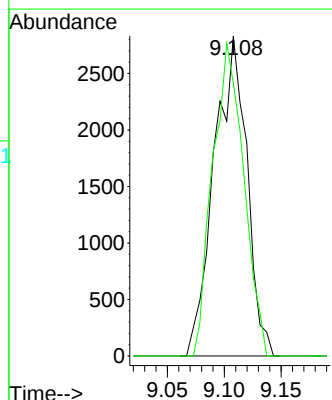
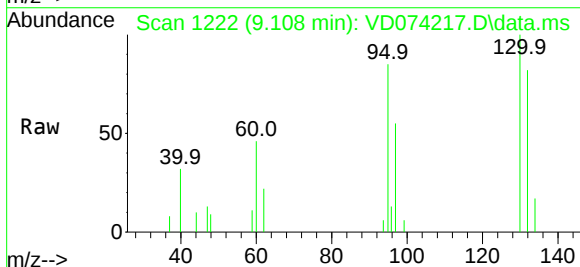
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

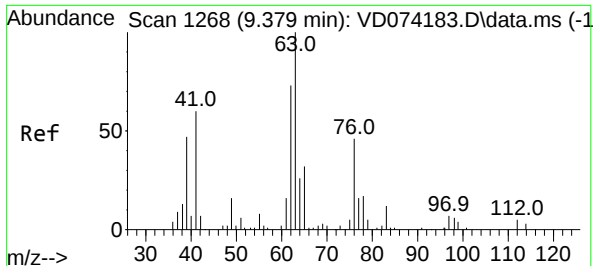
Tgt Ion: 43 Resp: 4385
Ion Ratio Lower Upper
43 100
61 18.3 22.4 33.6#
87 7.1 8.7 13.1#



#44
Trichloroethene
Concen: 2.987 ug/l
RT: 9.108 min Scan# 1222
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion:130 Resp: 5650
Ion Ratio Lower Upper
130 100
95 85.2 0.0 205.4





#45

1,2-Dichloropropane

Concen: 2.957 ug/l

RT: 9.379 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

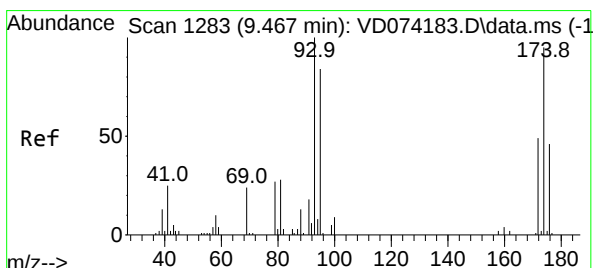
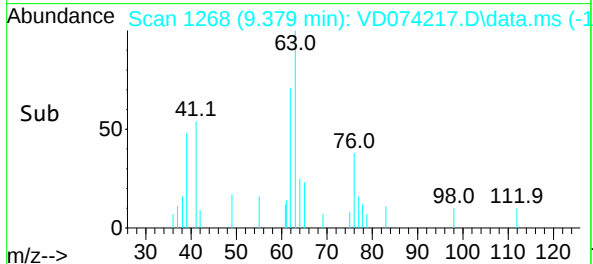
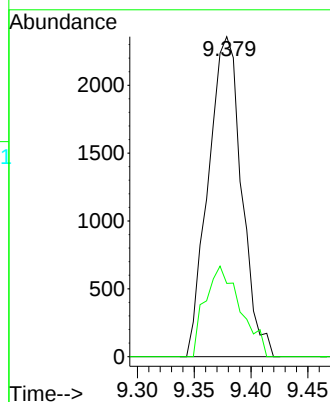
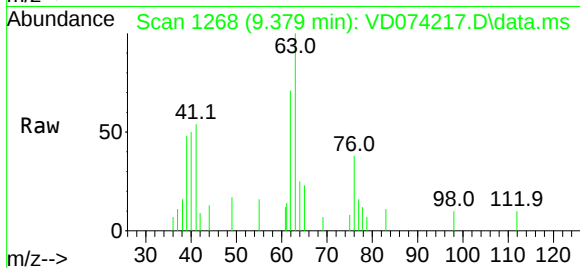
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 63 Resp: 4816

Ion Ratio Lower Upper

63 100

65 22.9 26.2 39.4#



#46

Dibromomethane

Concen: 2.636 ug/l

RT: 9.473 min Scan# 1284

Delta R.T. 0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

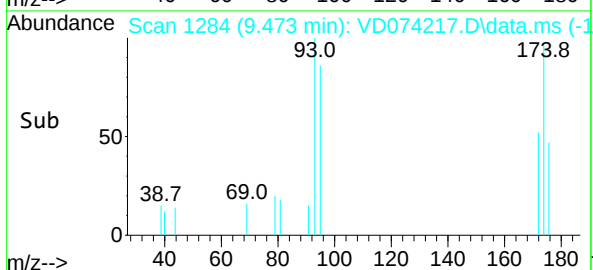
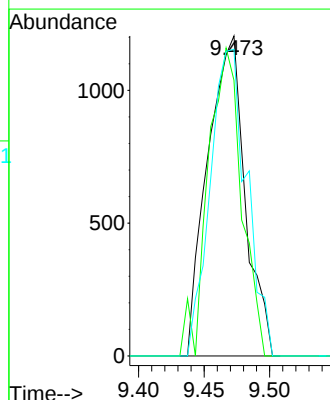
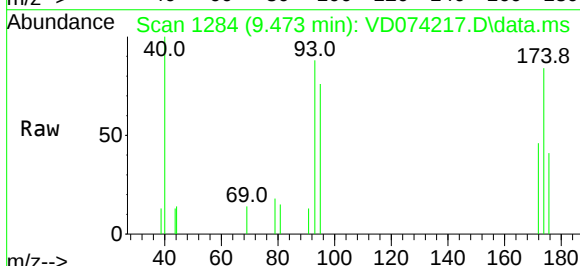
Tgt Ion: 93 Resp: 2395

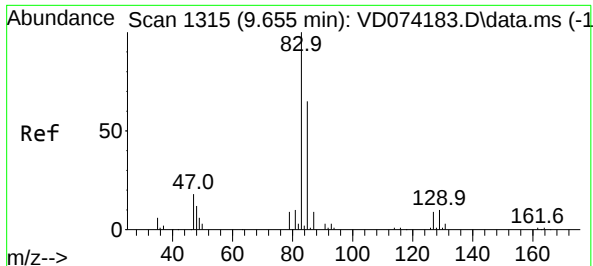
Ion Ratio Lower Upper

93 100

95 86.4 66.7 100.1

174 93.7 71.6 107.4

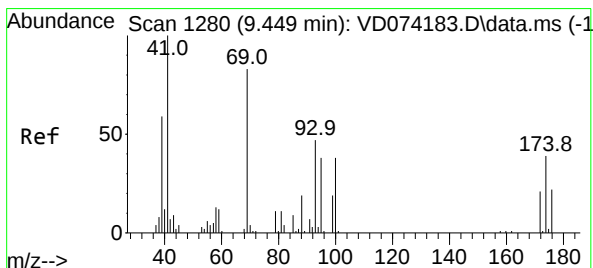
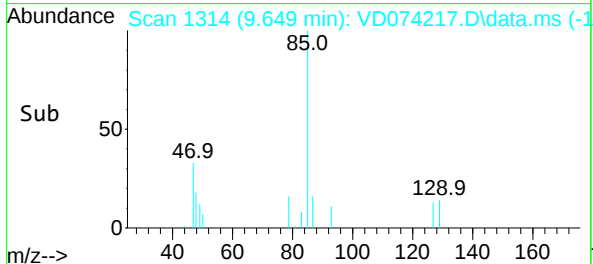
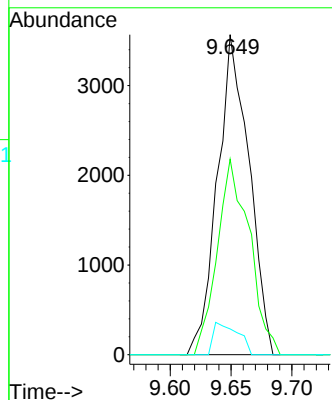
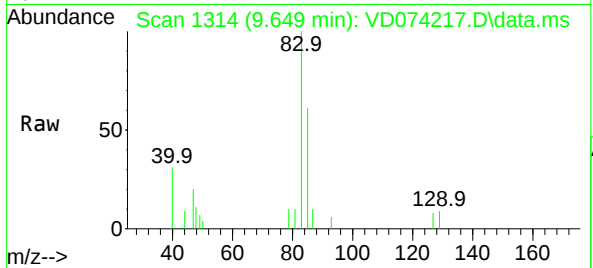




#47
Bromodichloromethane
Concen: 2.730 ug/l
RT: 9.649 min Scan# 1315
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

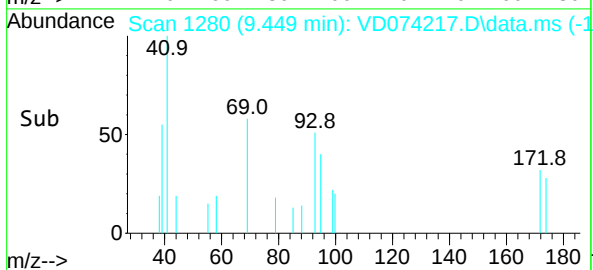
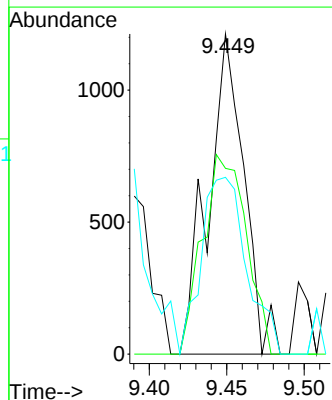
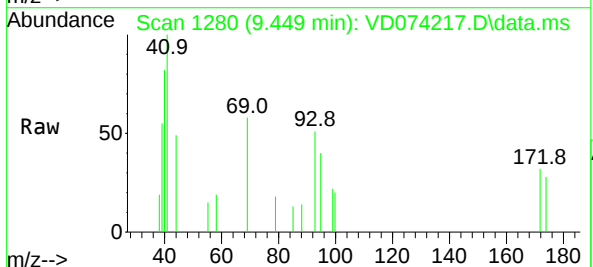
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

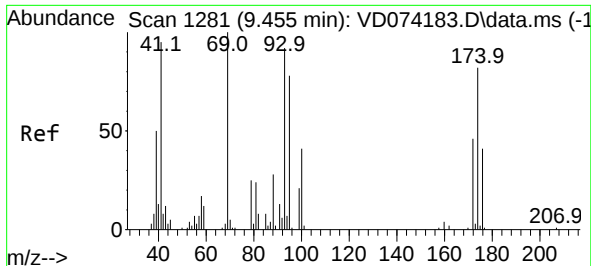
Tgt Ion: 83 Resp: 6451
Ion Ratio Lower Upper
83 100
85 61.1 51.4 77.0
127 8.0 6.1 9.1



#48
Methyl methacrylate
Concen: 2.299 ug/l
RT: 9.449 min Scan# 1280
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 41 Resp: 1951
Ion Ratio Lower Upper
41 100
69 76.0 56.7 85.1
39 70.0 42.7 64.1#





#49

1,4-Dioxane

Concen: 35.885 ug/l

RT: 9.461 min Scan# 11

Delta R.T. 0.006 min

Lab File: VD074217.D

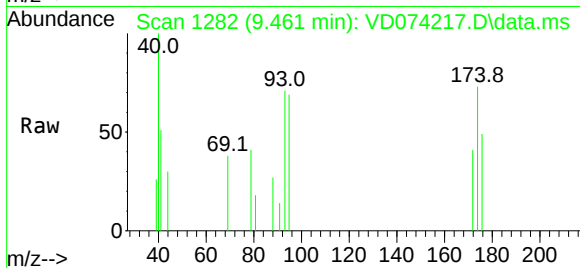
Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



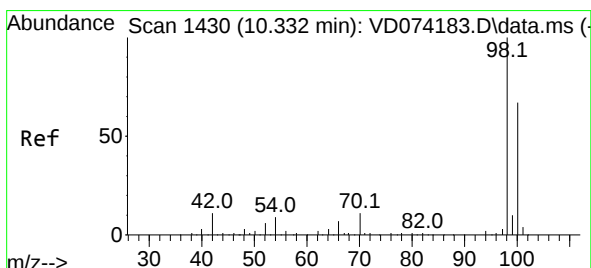
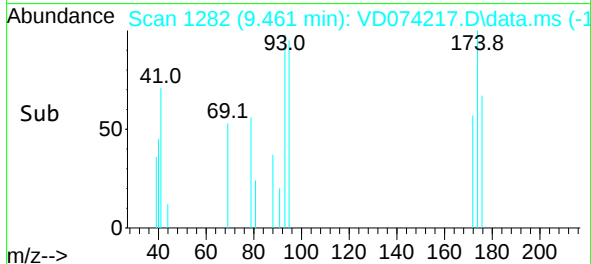
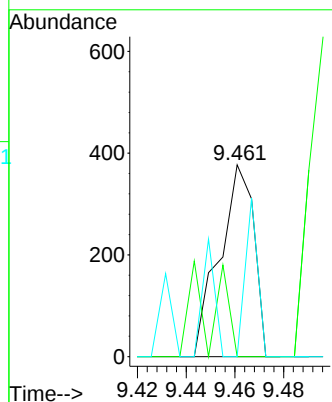
Tgt Ion: 88 Resp: 370

Ion Ratio Lower Upper

88 100

43 0.0 31.0 46.4#

58 29.7 58.1 87.1#



#50

Toluene-d8

Concen: 47.289 ug/l

RT: 10.331 min Scan# 1430

Delta R.T. -0.001 min

Lab File: VD074217.D

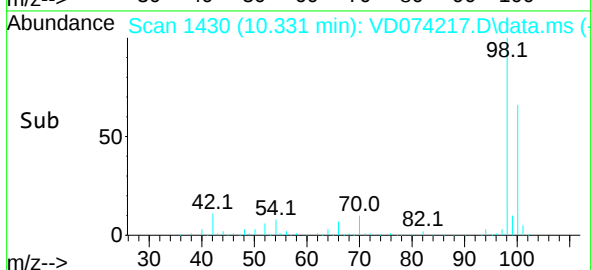
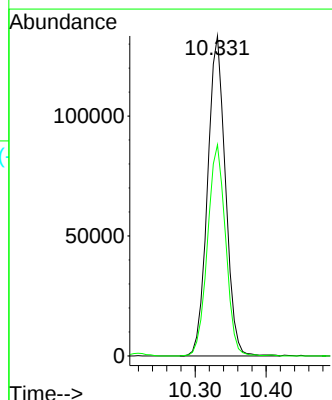
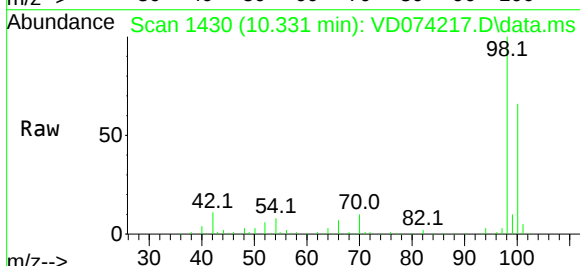
Acq: 24 Aug 2022 12:13

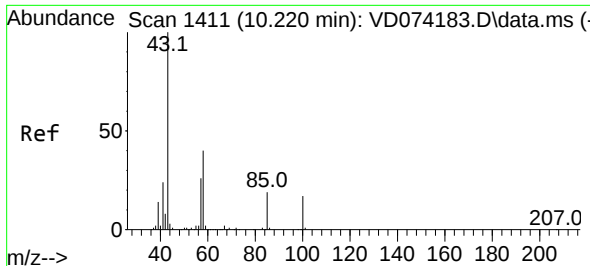
Tgt Ion: 98 Resp: 233084

Ion Ratio Lower Upper

98 100

100 66.7 52.4 78.6

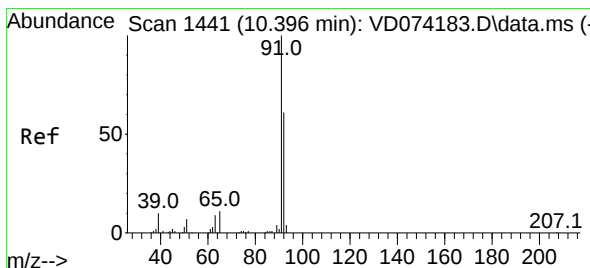
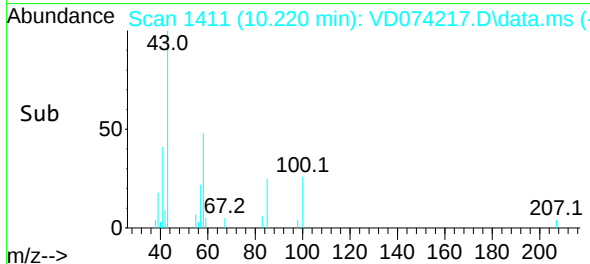
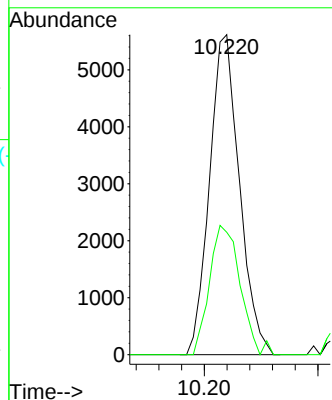
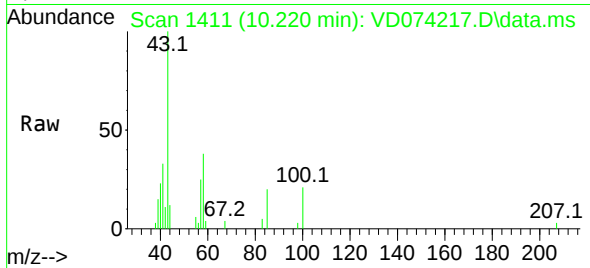




#51
4-Methyl-2-Pentanone
Concen: 11.195 ug/l
RT: 10.220 min Scan# 1411
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

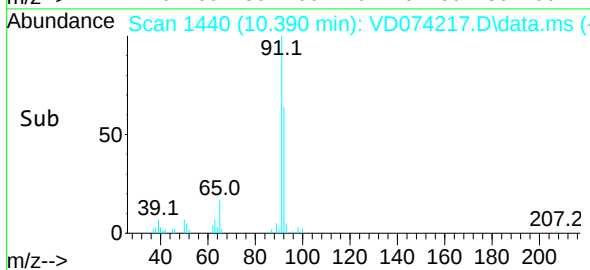
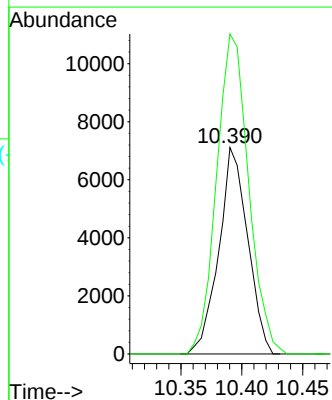
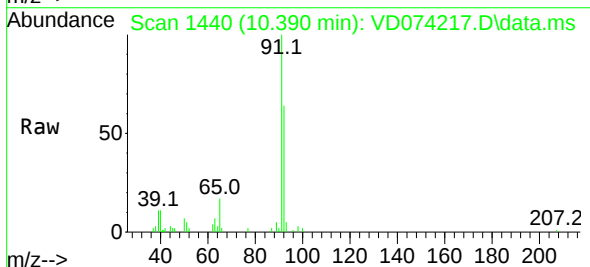
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

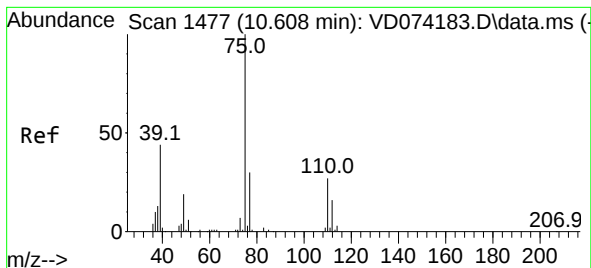
Tgt Ion: 43 Resp: 10268
Ion Ratio Lower Upper
43 100
58 41.4 28.6 43.0



#52
Toluene
Concen: 2.736 ug/l
RT: 10.390 min Scan# 1440
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 92 Resp: 11737
Ion Ratio Lower Upper
92 100
91 171.8 139.6 209.4

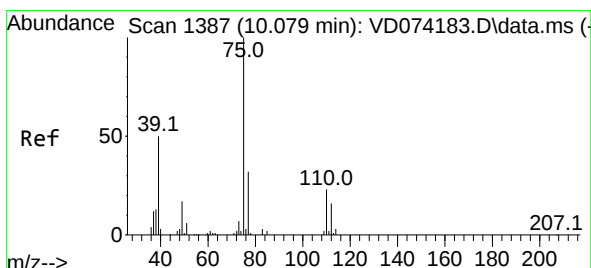
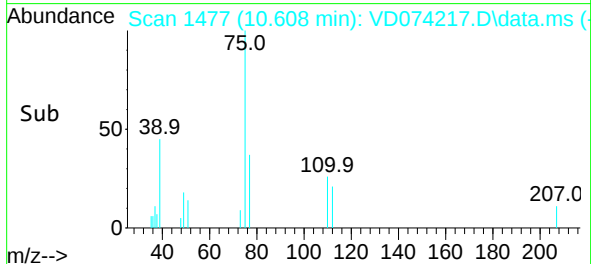
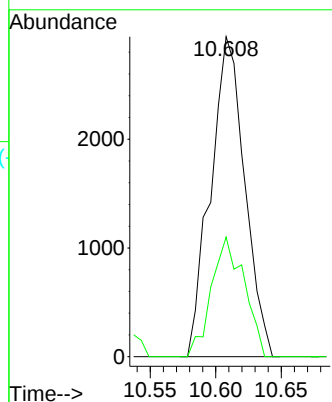
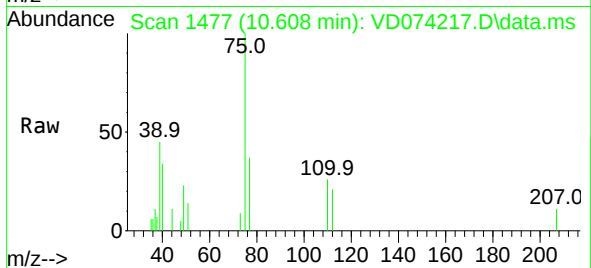




#53
 t-1,3-Dichloropropene
 Concen: 2.483 ug/l
 RT: 10.608 min Scan# 1477
 Delta R.T. -0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

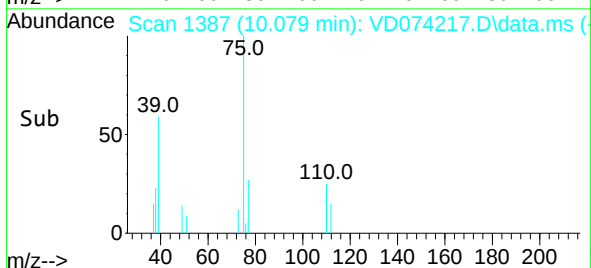
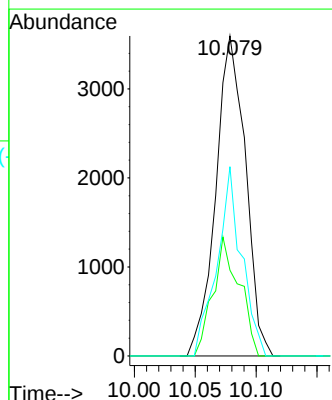
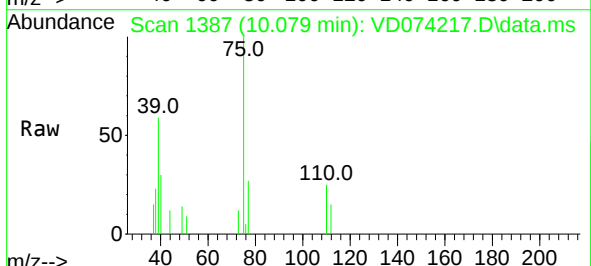
Instrument :
 MSVOA_D
 ClientSampleId :
 LOD-MDL-SOIL-01-QT3-2022

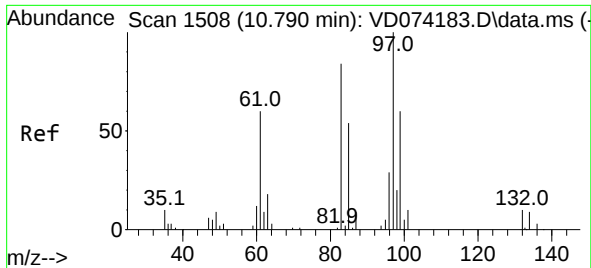
Tgt Ion: 75 Resp: 5322
 Ion Ratio Lower Upper
 75 100
 77 37.3 24.5 36.7#



#54
 cis-1,3-Dichloropropene
 Concen: 2.401 ug/l
 RT: 10.079 min Scan# 1387
 Delta R.T. -0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

Tgt Ion: 75 Resp: 6101
 Ion Ratio Lower Upper
 75 100
 77 26.8 24.8 37.2
 39 59.1 46.8 70.2

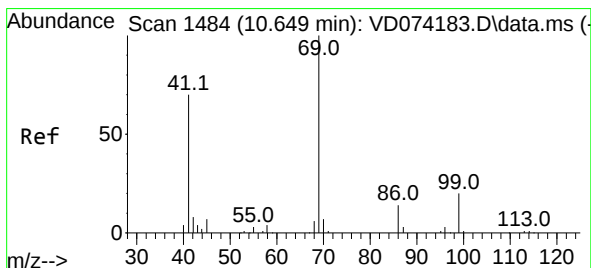
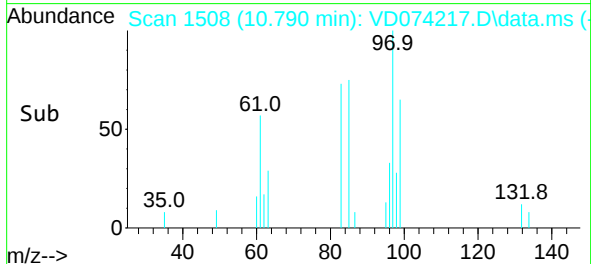
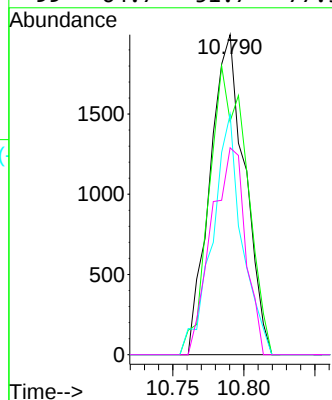
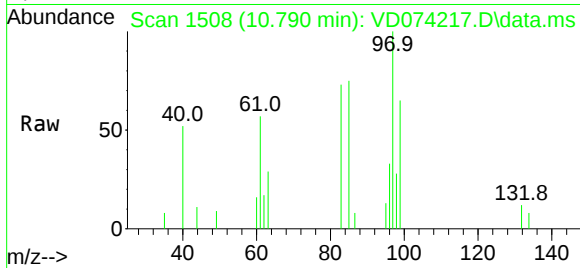




#55
1,1,2-Trichloroethane
Concen: 2.729 ug/l
RT: 10.790 min Scan# 1508
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

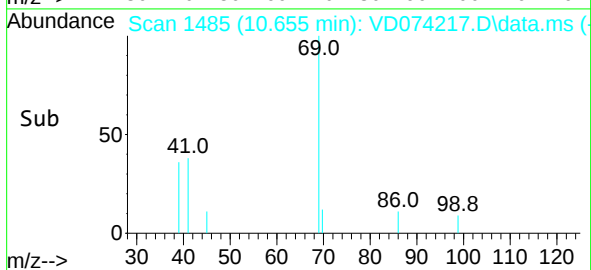
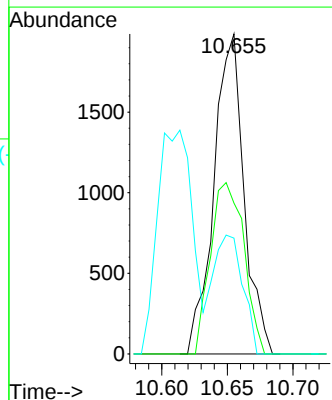
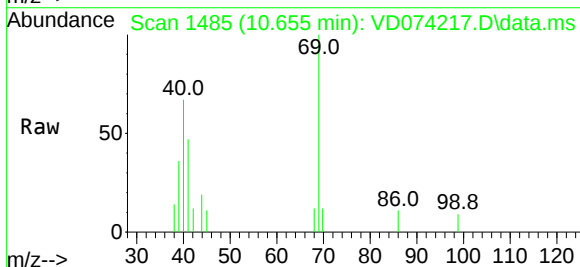
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

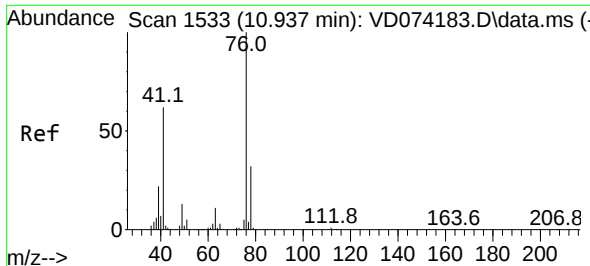
Tgt Ion: 97	Resp: 3392
Ion Ratio	Lower Upper
97 100	
83 72.9	69.0 103.4
85 75.1	42.6 63.8#
99 64.7	51.7 77.5



#56
Ethyl methacrylate
Concen: 2.233 ug/l
RT: 10.655 min Scan# 1485
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 69	Resp: 3170
Ion Ratio	Lower Upper
69 100	
41 59.6	63.0 94.6#
39 36.6	33.8 50.8





#57

1,3-Dichloropropane

Concen: 2.910 ug/l

RT: 10.931 min Scan# 11

Delta R.T. -0.006 min

Lab File: VD074217.D

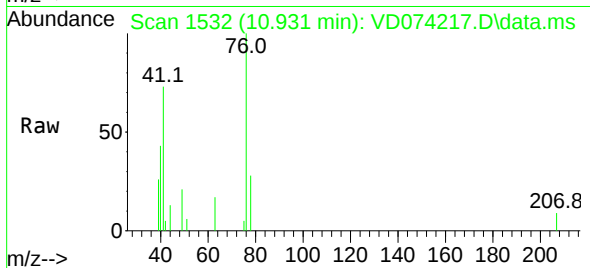
Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

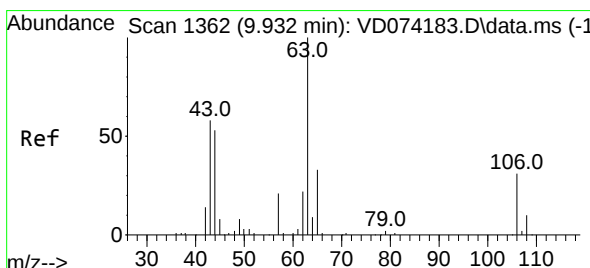
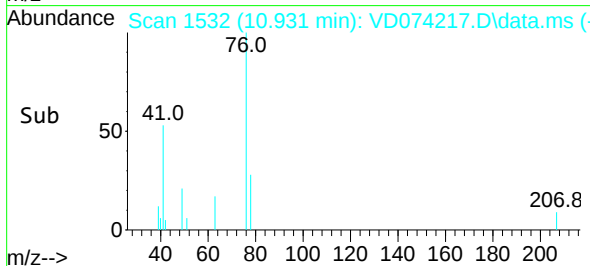
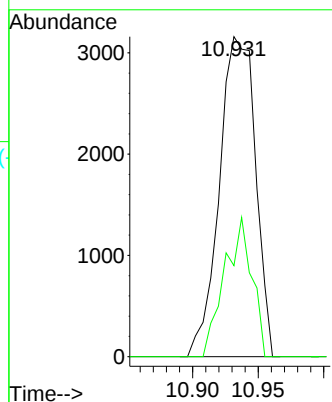


Tgt Ion: 76 Resp: 6043

Ion Ratio Lower Upper

76 100

78 32.9 26.0 39.0



#58

2-Chloroethyl Vinyl ether

Concen: 11.709 ug/l

RT: 9.937 min Scan# 1363

Delta R.T. 0.005 min

Lab File: VD074217.D

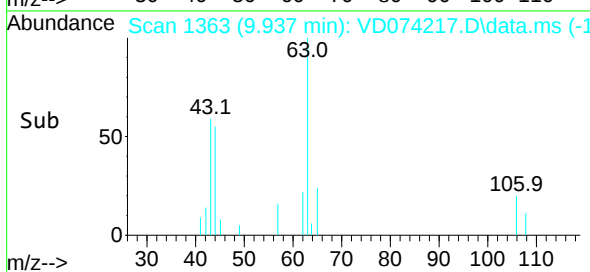
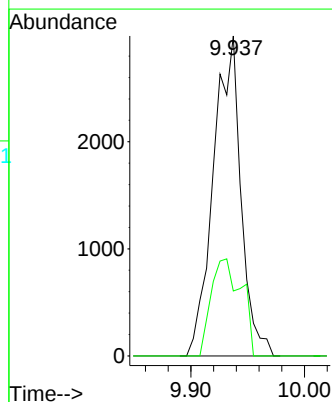
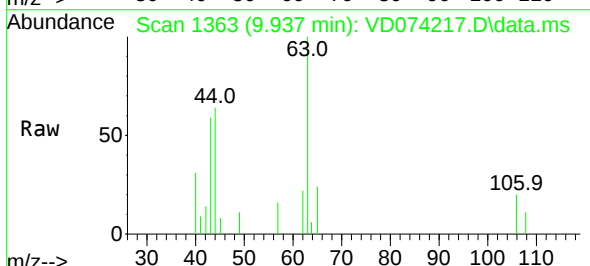
Acq: 24 Aug 2022 12:13

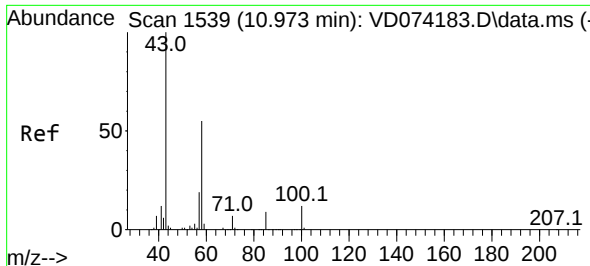
Tgt Ion: 63 Resp: 5032

Ion Ratio Lower Upper

63 100

106 33.2 21.4 32.0#

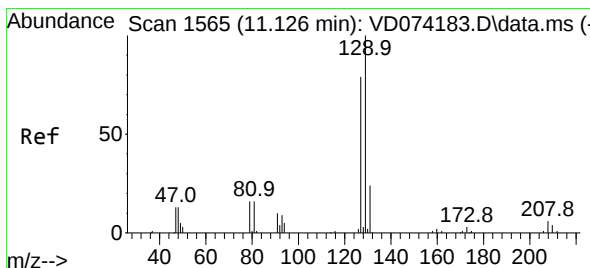
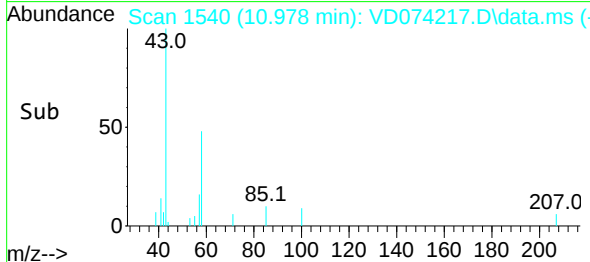
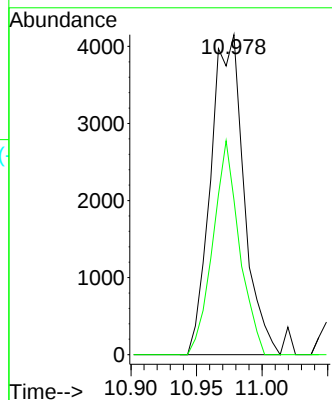
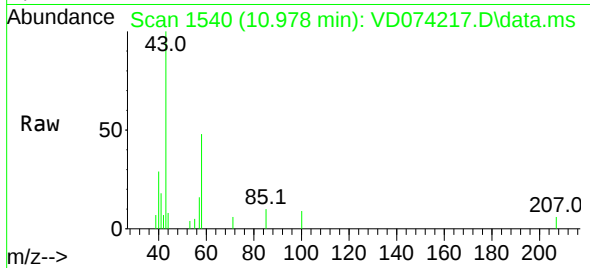




#59
2-Hexanone
Concen: 11.790 ug/l
RT: 10.978 min Scan# 11
Delta R.T. 0.005 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

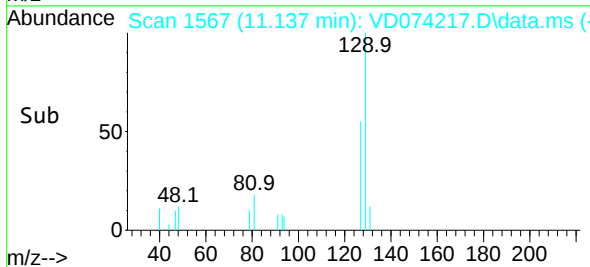
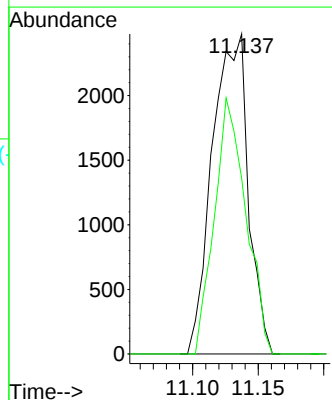
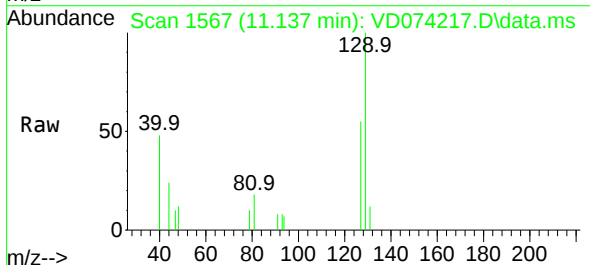
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

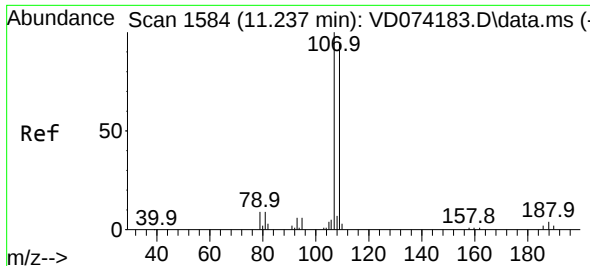
Tgt Ion: 43 Resp: 7291
Ion Ratio Lower Upper
43 100
58 53.4 25.3 75.9



#60
Dibromochloromethane
Concen: 2.919 ug/l
RT: 11.137 min Scan# 1567
Delta R.T. 0.011 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 129 Resp: 4711
Ion Ratio Lower Upper
129 100
127 70.2 39.2 117.6

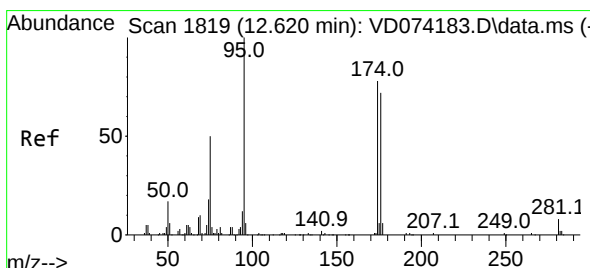
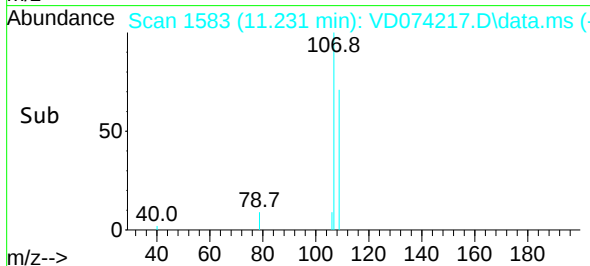
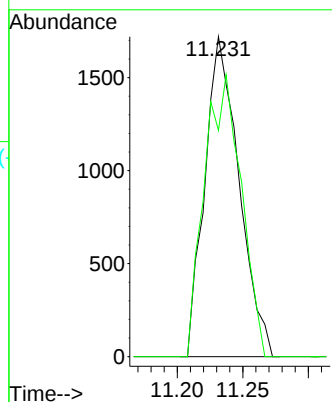
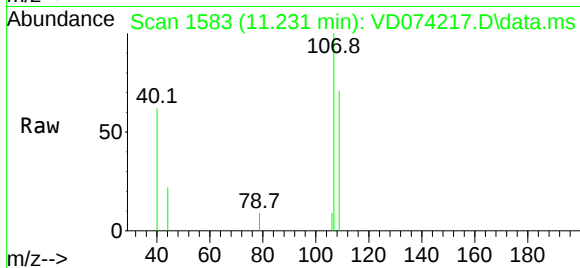




#61
1,2-Dibromoethane
Concen: 2.571 ug/l
RT: 11.231 min Scan# 11
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

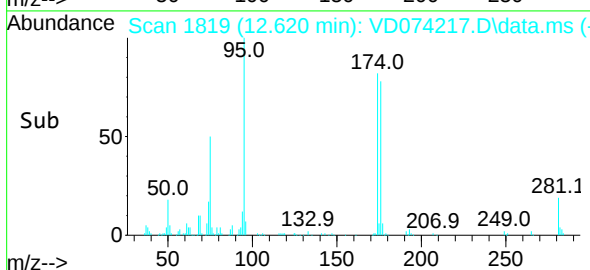
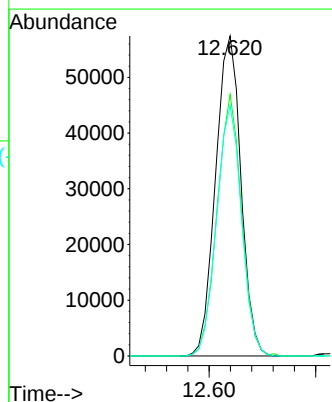
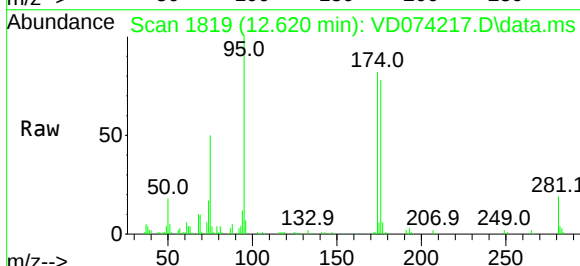
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

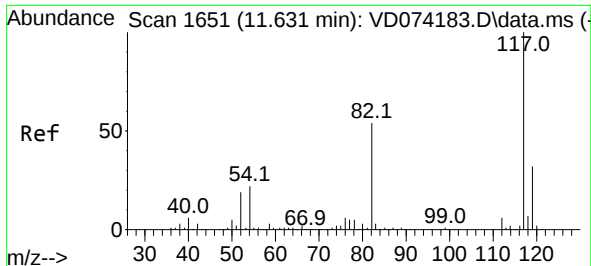
Tgt Ion:107 Resp: 3117
Ion Ratio Lower Upper
107 100
109 94.7 74.2 111.4



#62
4-Bromofluorobenzene
Concen: 48.728 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 95 Resp: 94884
Ion Ratio Lower Upper
95 100
174 78.9 0.0 152.8
176 76.8 0.0 145.4

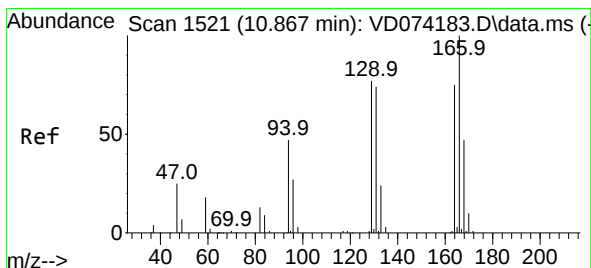
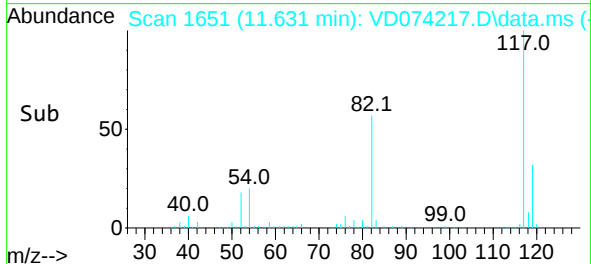
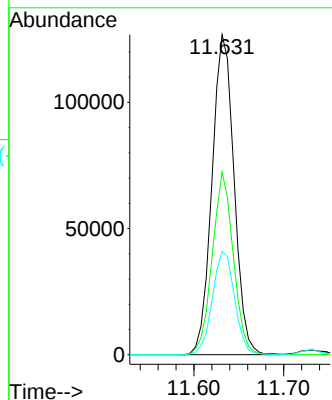
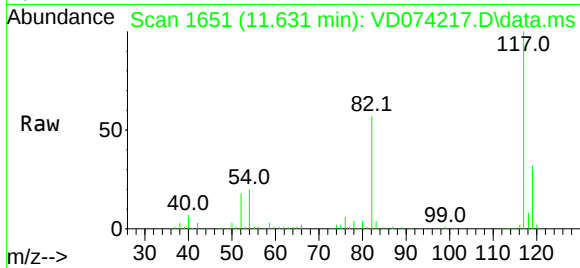




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.631 min Scan# 11651
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

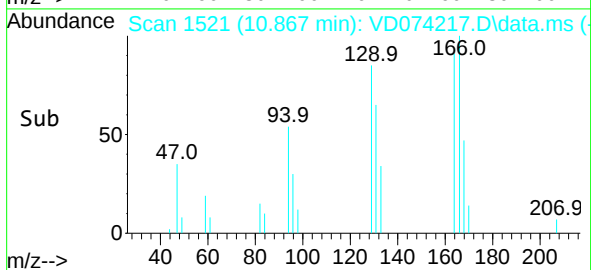
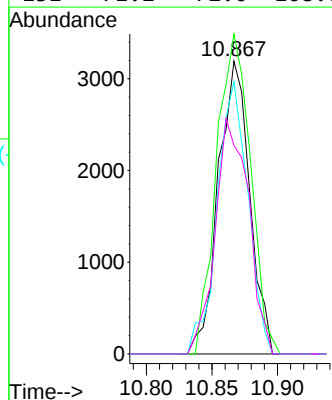
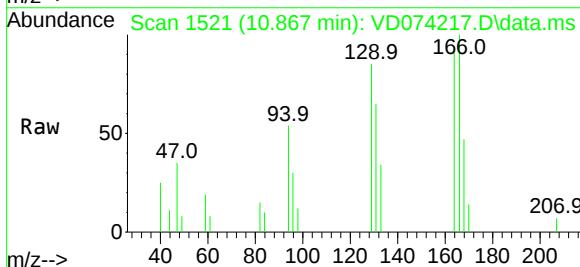
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

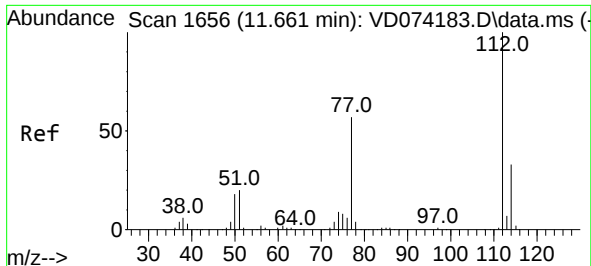
Tgt Ion:117 Resp: 216631
Ion Ratio Lower Upper
117 100
82 57.0 45.3 67.9
119 32.2 26.6 40.0



#64
Tetrachloroethene
Concen: 3.353 ug/l
RT: 10.867 min Scan# 1521
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion:164 Resp: 5301
Ion Ratio Lower Upper
164 100
166 109.3 98.5 147.7
129 93.0 74.6 111.8
131 71.2 72.0 108.0#

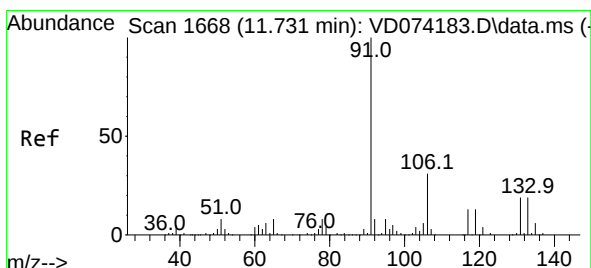
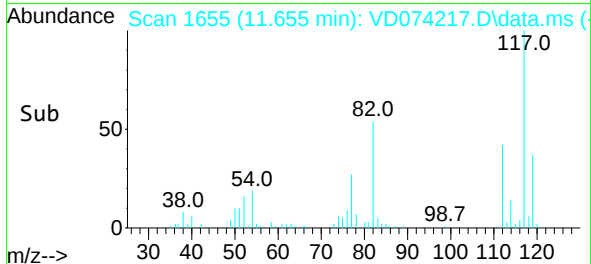
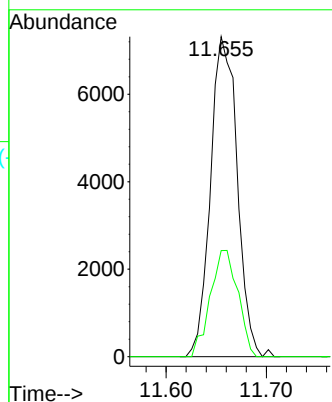
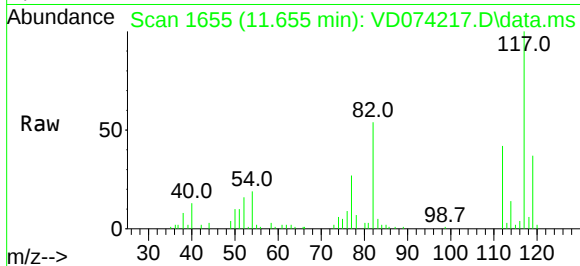




#65
Chlorobenzene
Concen: 2.870 ug/l
RT: 11.655 min Scan# 1655
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

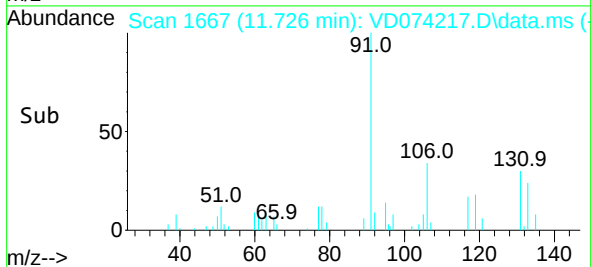
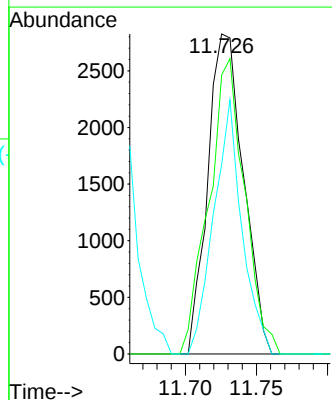
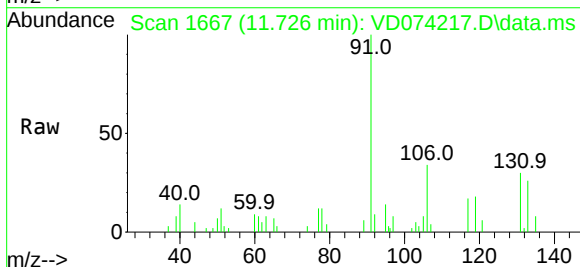
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

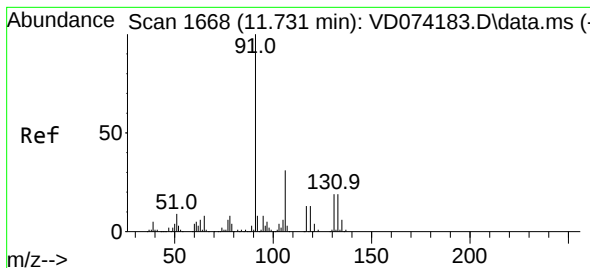
Tgt Ion:112 Resp: 13548
Ion Ratio Lower Upper
112 100
114 33.1 25.8 38.6



#66
1,1,1,2-Tetrachloroethane
Concen: 2.783 ug/l
RT: 11.726 min Scan# 1667
Delta R.T. -0.005 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion:131 Resp: 4940
Ion Ratio Lower Upper
131 100
133 92.8 48.1 144.3
119 62.8 31.9 95.9





#67

Ethyl Benzene

Concen: 2.474 ug/l

RT: 11.737 min Scan# 1669

Delta R.T. 0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

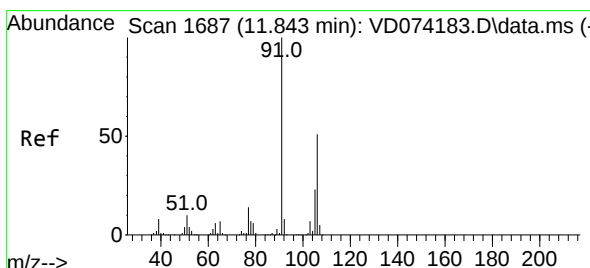
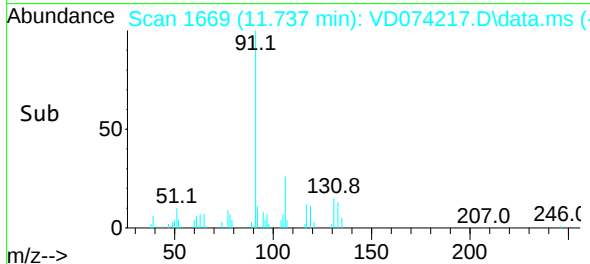
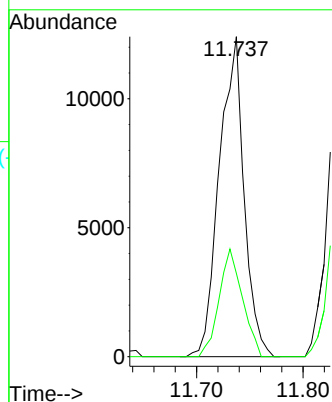
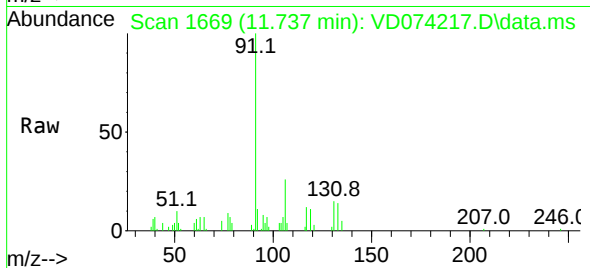
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion: 91 Resp: 19992

Ion Ratio Lower Upper

91 100

106 26.1 24.2 36.4



#68

m/p-Xylenes

Concen: 4.751 ug/l

RT: 11.843 min Scan# 1687

Delta R.T. 0.000 min

Lab File: VD074217.D

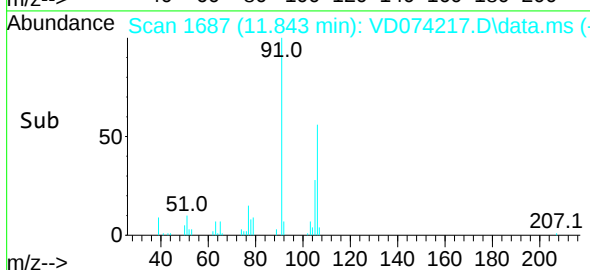
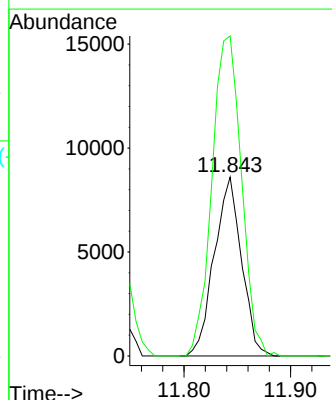
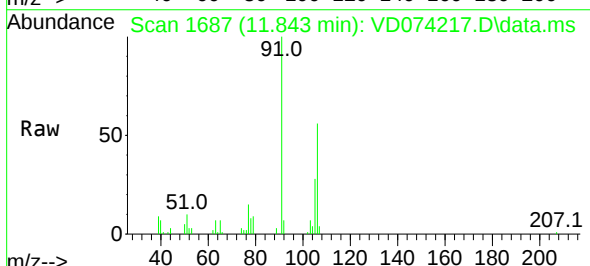
Acq: 24 Aug 2022 12:13

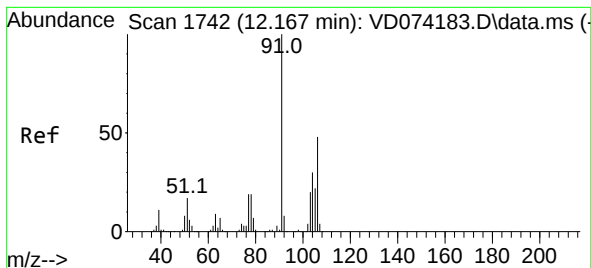
Tgt Ion: 106 Resp: 15291

Ion Ratio Lower Upper

106 100

91 193.3 163.7 245.5





#69

o-Xylene

Concen: 2.369 ug/l

RT: 12.167 min Scan# 11

Delta R.T. -0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

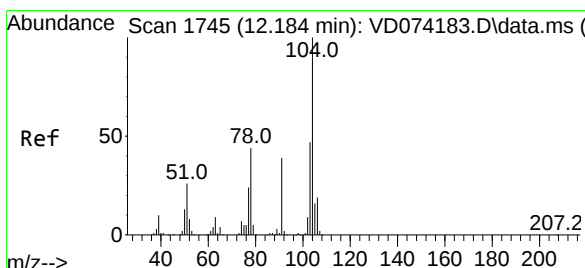
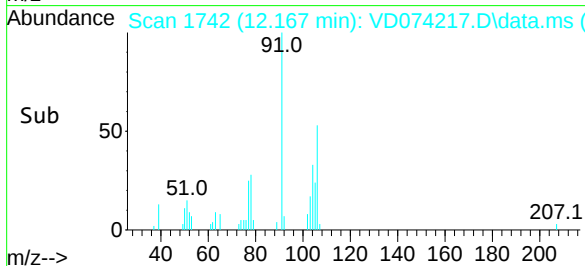
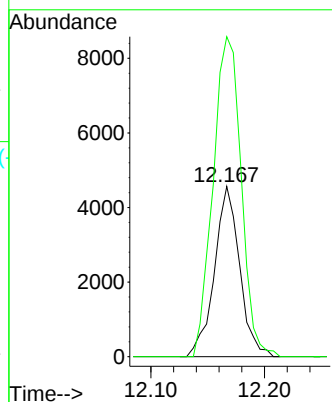
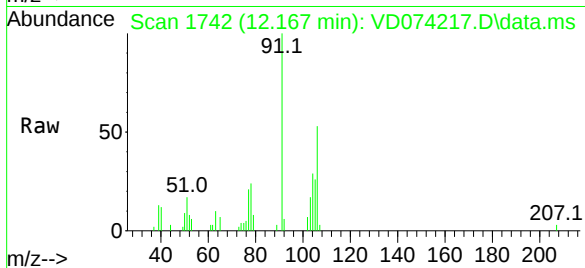
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:106 Resp: 7034

Ion Ratio Lower Upper

106 100

91 210.1 110.4 331.2



#70

Styrene

Concen: 2.289 ug/l

RT: 12.178 min Scan# 1744

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

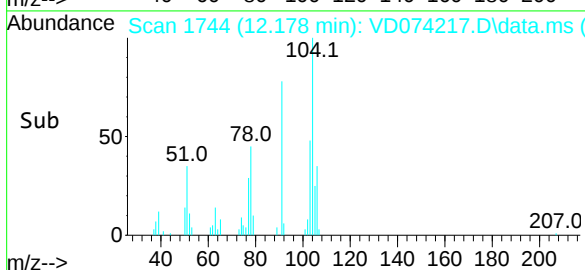
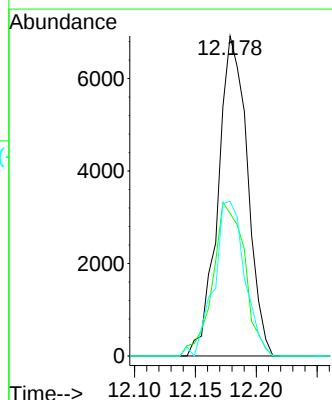
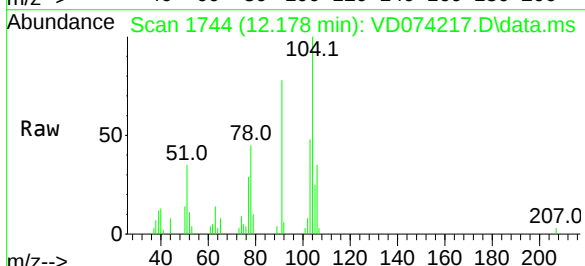
Tgt Ion:104 Resp: 11653

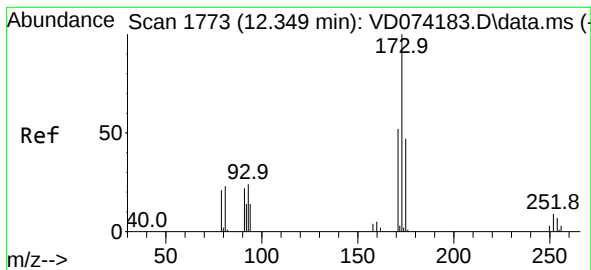
Ion Ratio Lower Upper

104 100

78 51.7 41.8 62.8

103 50.2 44.2 66.4





#71

Bromoform

Concen: 2.601 ug/l

RT: 12.343 min Scan# 1773

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

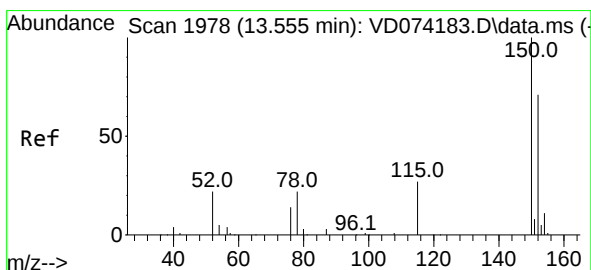
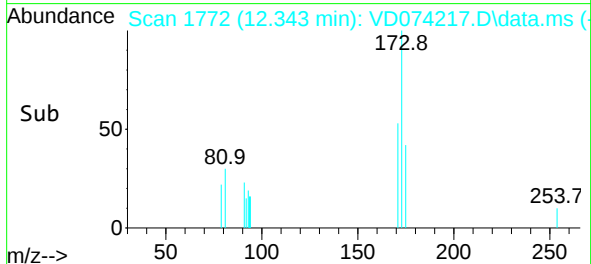
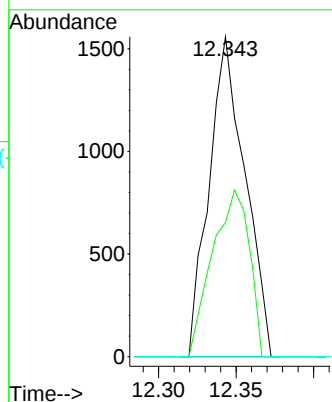
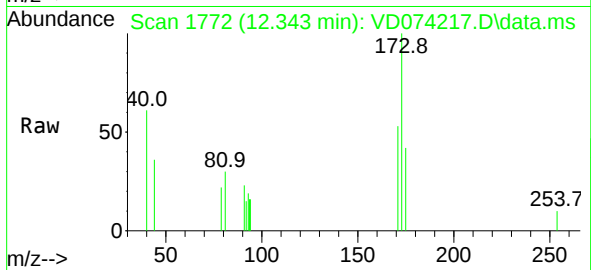
Tgt Ion:173 Resp: 2511

Ion Ratio Lower Upper

173 100

175 53.6 23.9 71.8

254 0.0 0.0 0.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.555 min Scan# 1978

Delta R.T. -0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

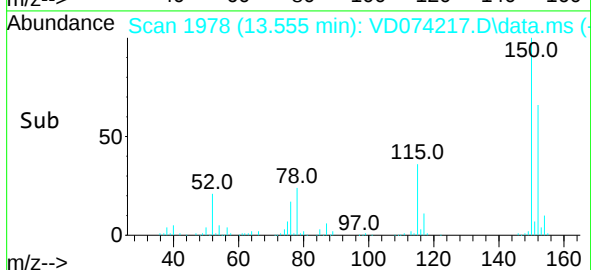
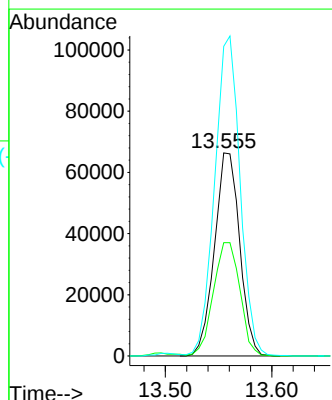
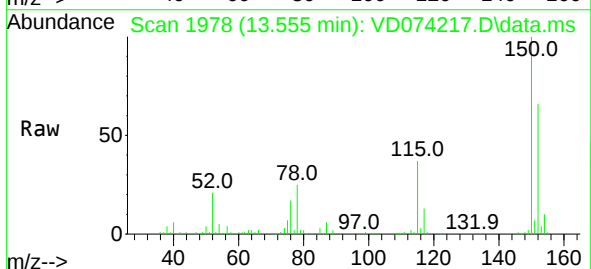
Tgt Ion:152 Resp: 109035

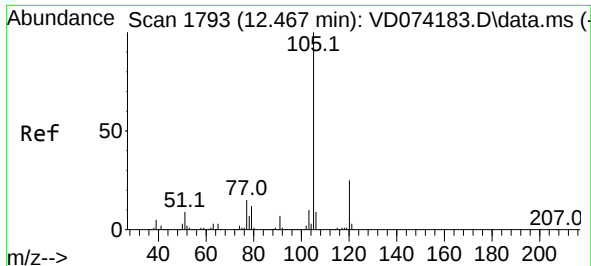
Ion Ratio Lower Upper

152 100

115 58.8 31.3 93.8

150 159.2 0.0 348.6

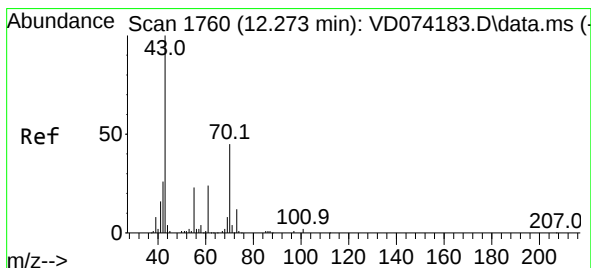
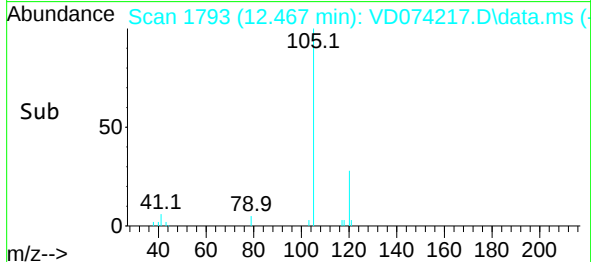
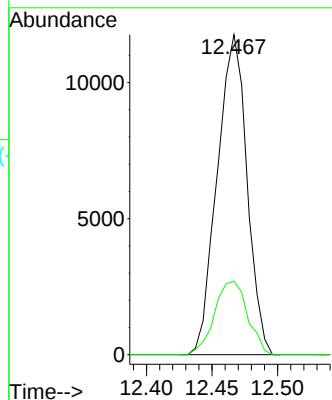
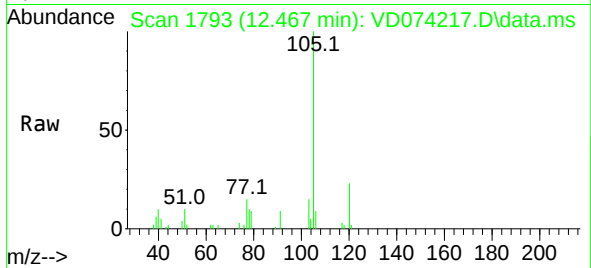




#73
Isopropylbenzene
Concen: 2.352 ug/l
RT: 12.467 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

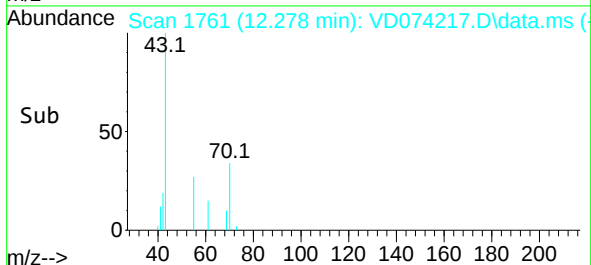
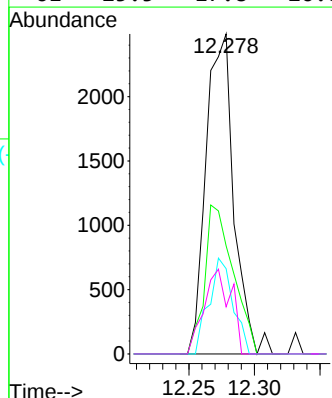
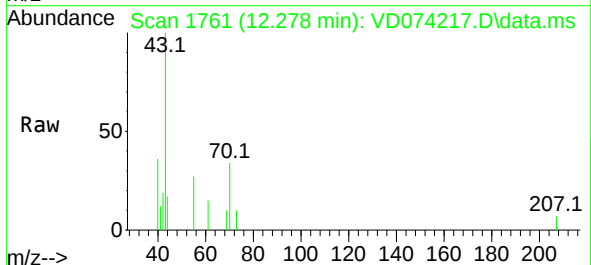
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

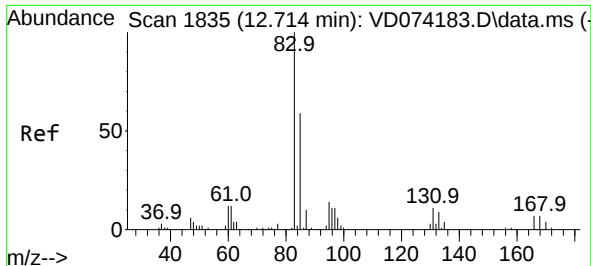
Tgt Ion:105 Resp: 18565
Ion Ratio Lower Upper
105 100
120 25.5 13.0 38.9



#74
N-ethyl acetate
Concen: 2.139 ug/l
RT: 12.278 min Scan# 1761
Delta R.T. 0.005 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 43 Resp: 3673
Ion Ratio Lower Upper
43 100
70 47.6 31.3 46.9#
55 25.9 20.0 30.0
61 25.5 17.8 26.8

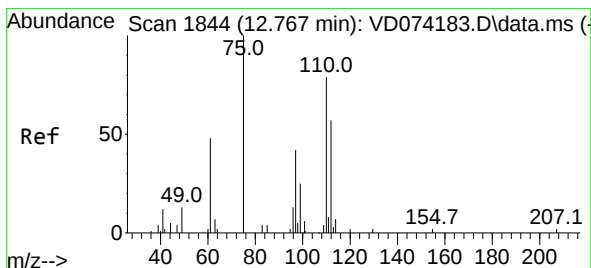
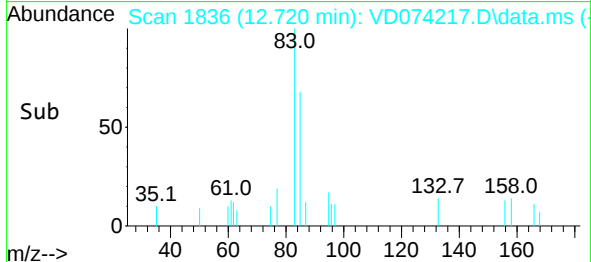
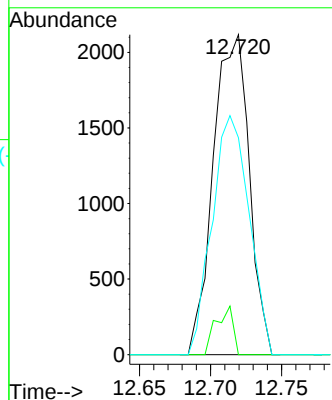
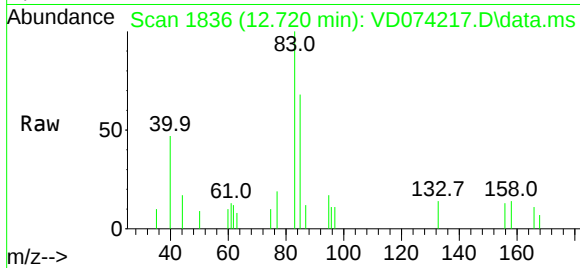




#75
1,1,2,2-Tetrachloroethane
Concen: 2.640 ug/l
RT: 12.720 min Scan# 1836
Delta R.T. 0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

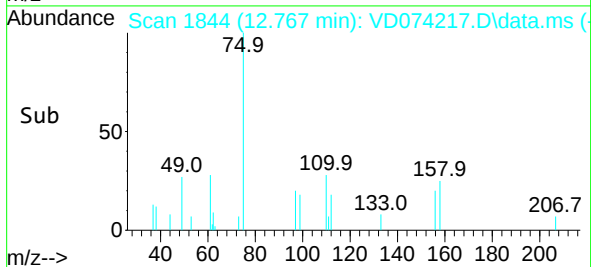
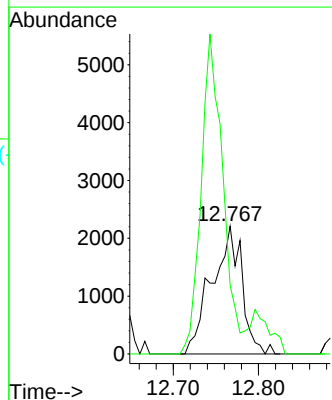
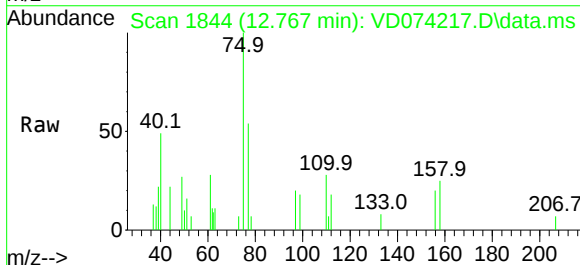
Instrument : MSVOA_D
ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

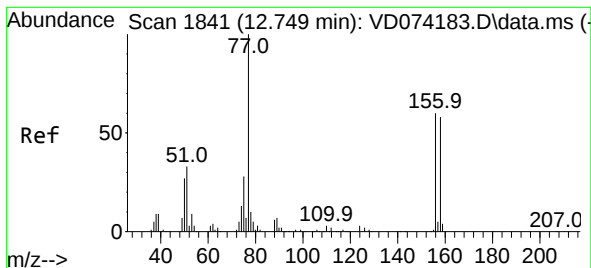
Tgt Ion: 83 Resp: 3722
Ion Ratio Lower Upper
83 100
131 7.2 5.0 14.9
85 77.2 32.6 98.0



#76
1,2,3-Trichloropropane
Concen: 5.094 ug/l
RT: 12.767 min Scan# 1844
Delta R.T. -0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 75 Resp: 5423
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#77

Bromobenzene

Concen: 2.844 ug/l

RT: 12.743 min Scan# 1840

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022

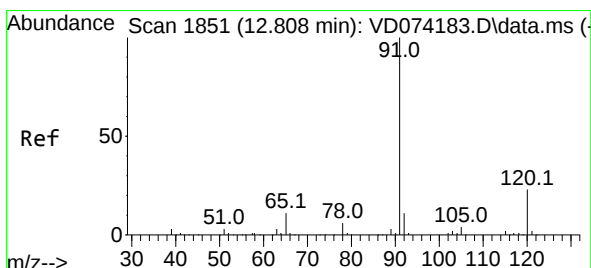
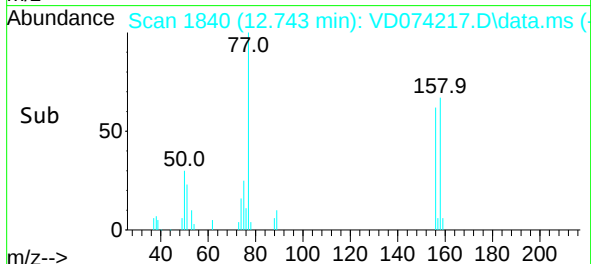
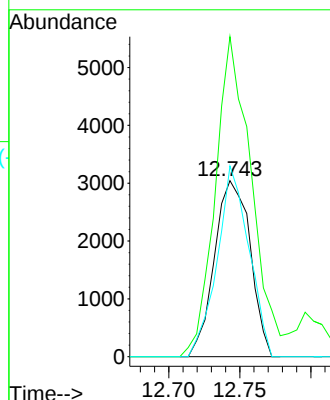
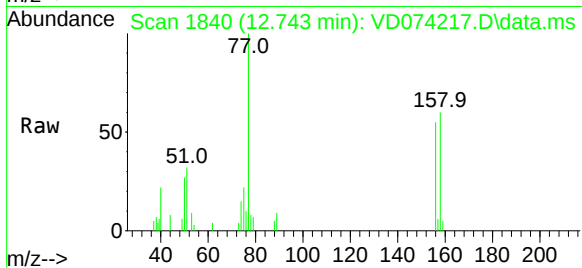
Tgt Ion:156 Resp: 5320

Ion Ratio Lower Upper

156 100

77 185.1 102.8 308.3

158 96.2 48.7 146.1



#78

n-propylbenzene

Concen: 2.565 ug/l

RT: 12.808 min Scan# 1851

Delta R.T. -0.000 min

Lab File: VD074217.D

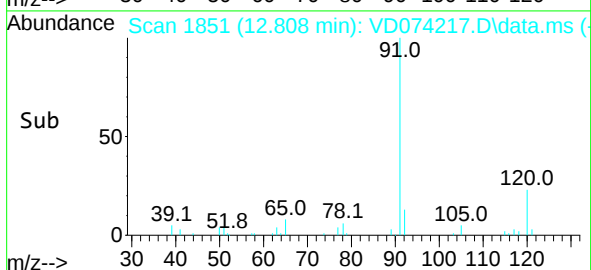
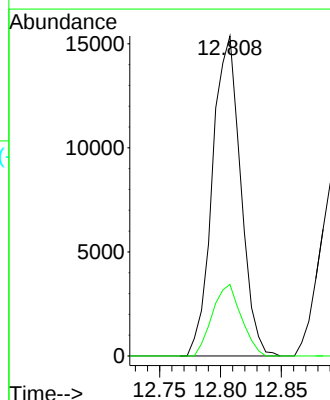
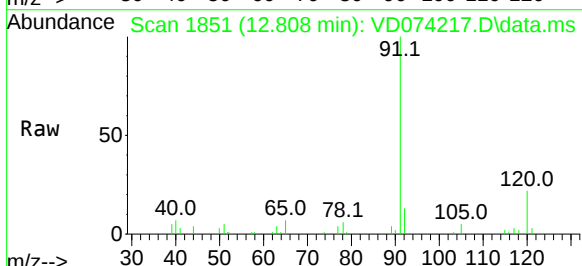
Acq: 24 Aug 2022 12:13

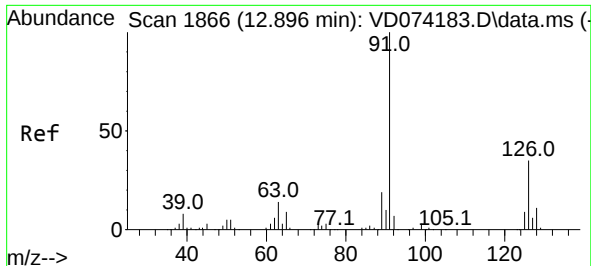
Tgt Ion: 91 Resp: 24765

Ion Ratio Lower Upper

91 100

120 22.9 10.9 32.9

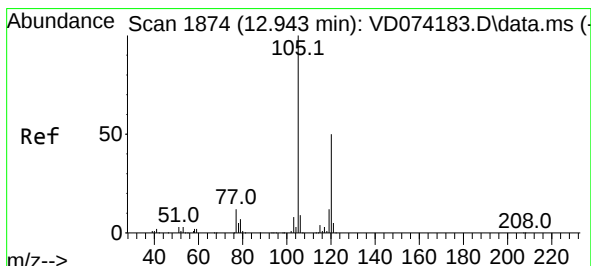
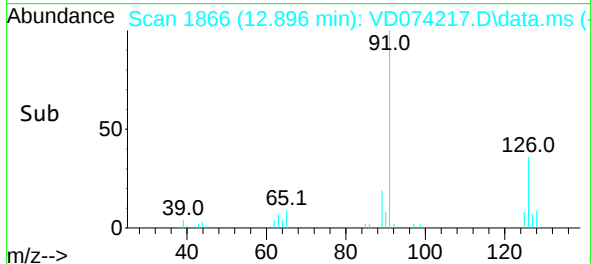
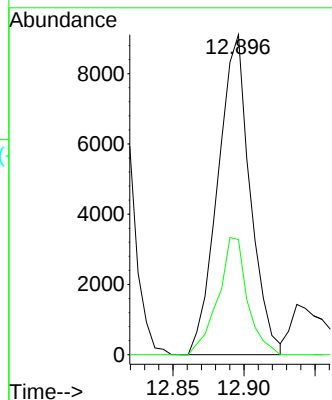
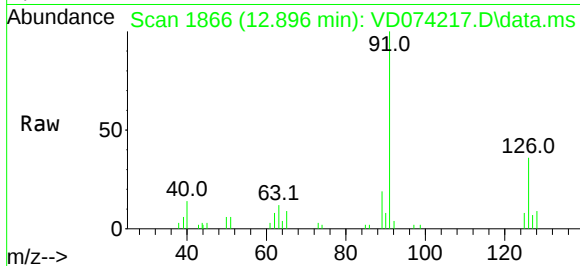




#79
2-Chlorotoluene
Concen: 2.584 ug/l
RT: 12.896 min Scan# 1866
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

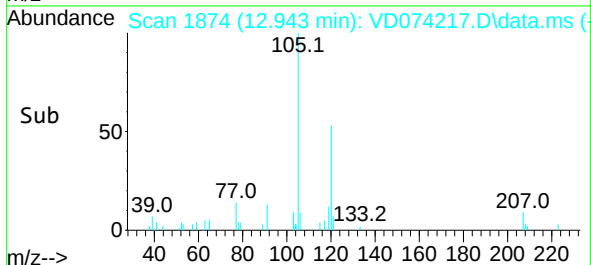
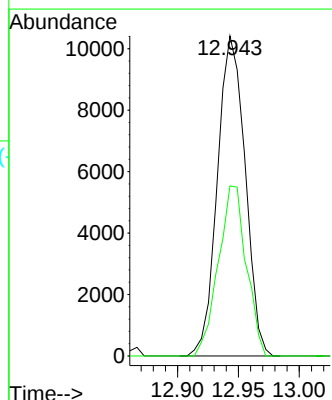
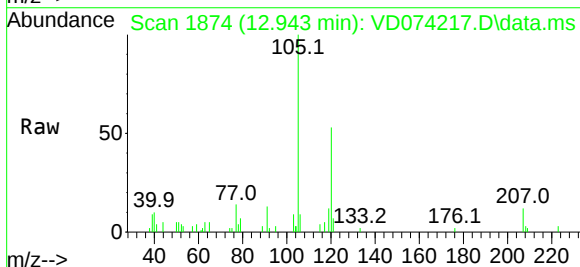
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

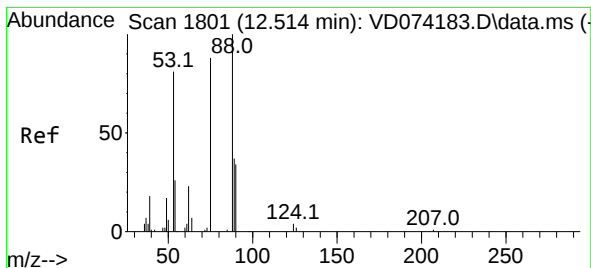
Tgt Ion: 91 Resp: 14406
Ion Ratio Lower Upper
91 100
126 33.3 16.2 48.6



#80
1,3,5-Trimethylbenzene
Concen: 2.434 ug/l
RT: 12.943 min Scan# 1874
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 105 Resp: 16509
Ion Ratio Lower Upper
105 100
120 53.6 24.3 72.8

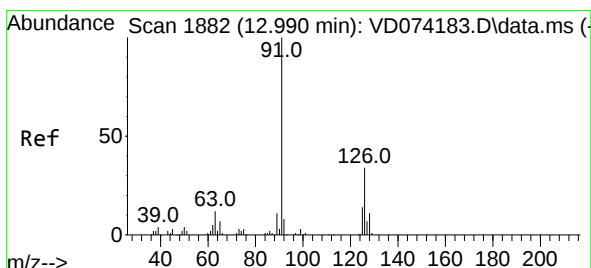
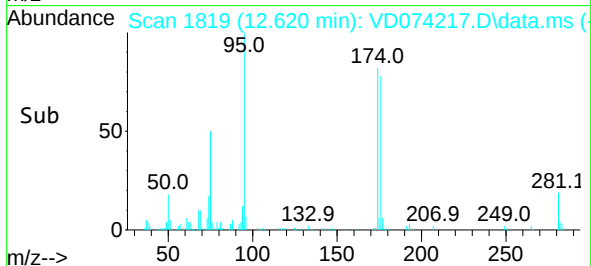
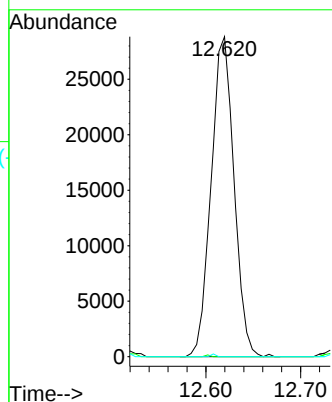
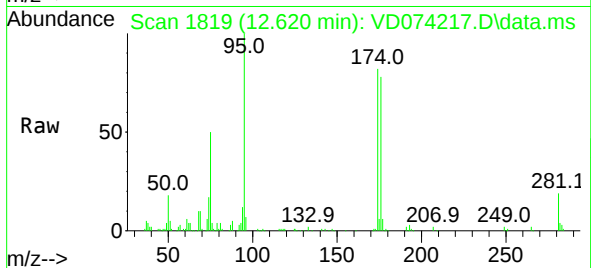




#81
trans-1,4-Dichloro-2-butene
Concen: 116.842 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. 0.106 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

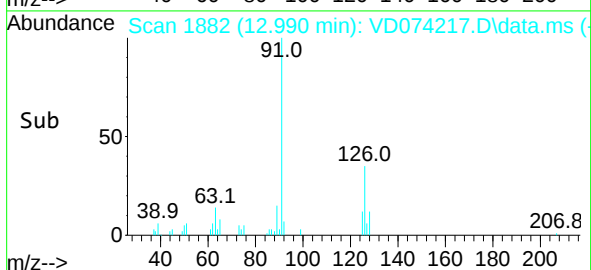
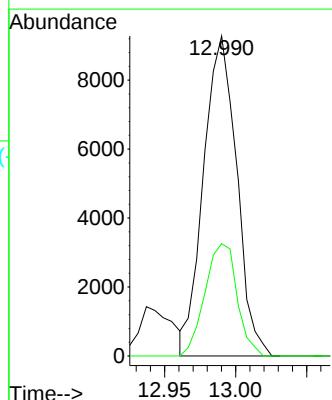
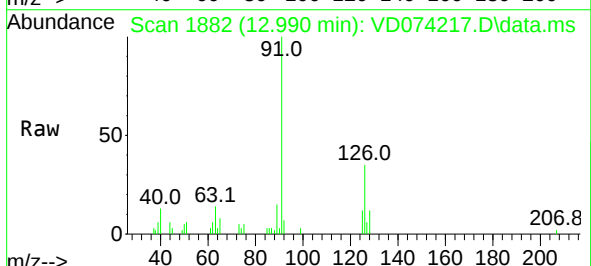
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

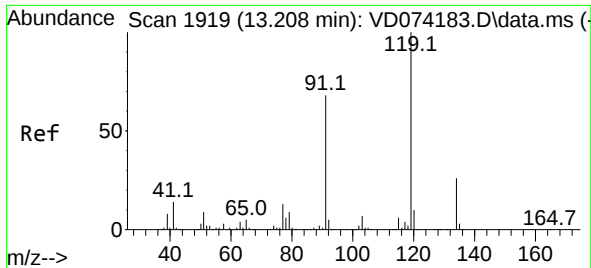
Tgt Ion: 75 Resp: 48372
Ion Ratio Lower Upper
75 100
53 0.1 86.5 129.7#
89 0.2 33.9 50.9#



#82
4-Chlorotoluene
Concen: 2.547 ug/l
RT: 12.990 min Scan# 1882
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 91 Resp: 15020
Ion Ratio Lower Upper
91 100
126 34.0 16.5 49.5

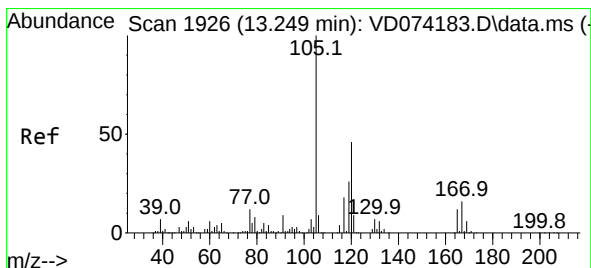
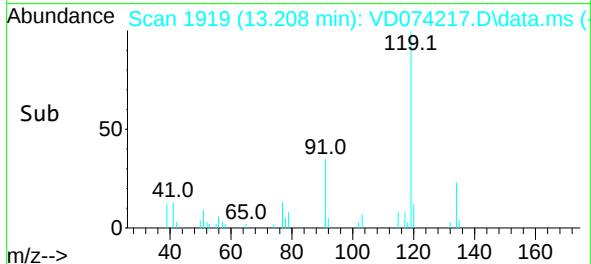
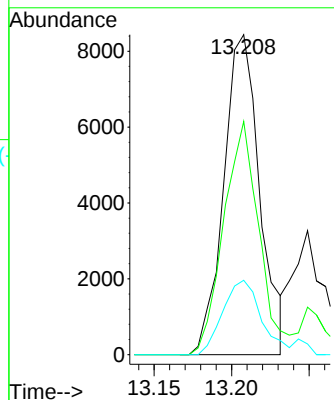
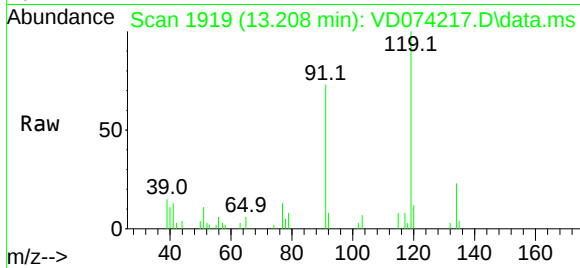




#83
 tert-Butylbenzene
 Concen: 2.393 ug/l
 RT: 13.208 min Scan# 1919
 Delta R.T. -0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

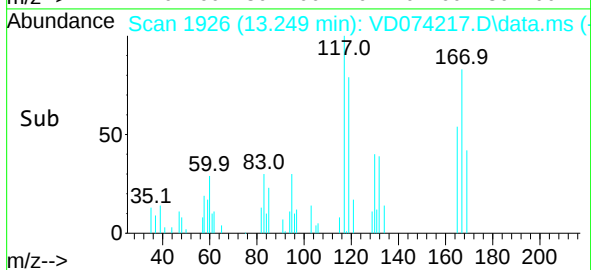
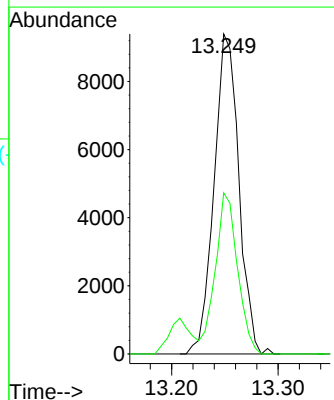
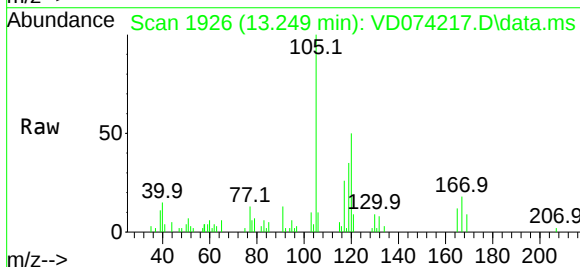
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

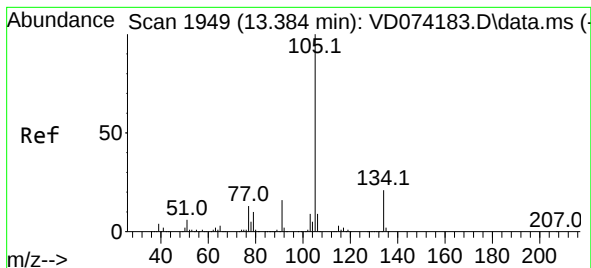
Tgt Ion:	119	Resp:	13674
Ion	Ratio	Lower	Upper
119	100		
91	71.4	34.8	104.5
134	26.6	13.3	39.9



#84
 1,2,4-Trimethylbenzene
 Concen: 2.295 ug/l
 RT: 13.249 min Scan# 1926
 Delta R.T. -0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

Tgt Ion:	105	Resp:	15152
Ion	Ratio	Lower	Upper
105	100		
120	45.2	22.3	66.8





#85

sec-Butylbenzene

Concen: 2.493 ug/l

RT: 13.384 min Scan# 1949

Delta R.T. 0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

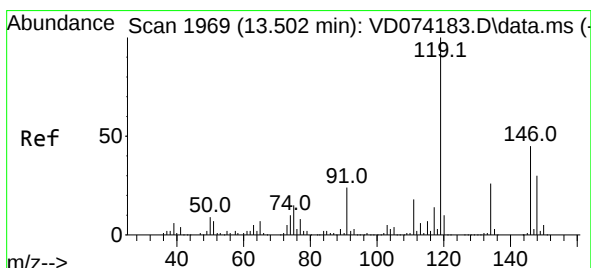
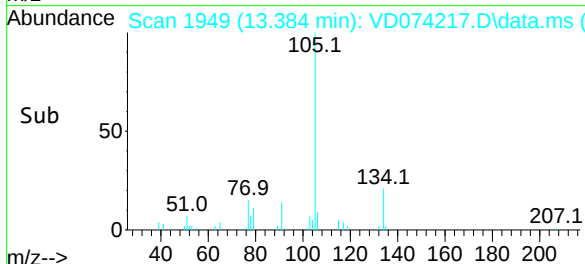
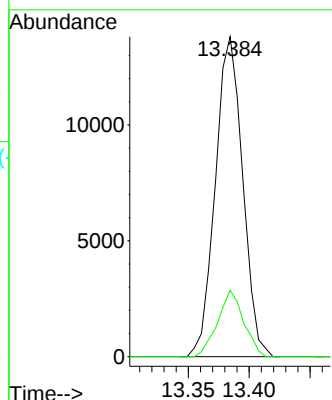
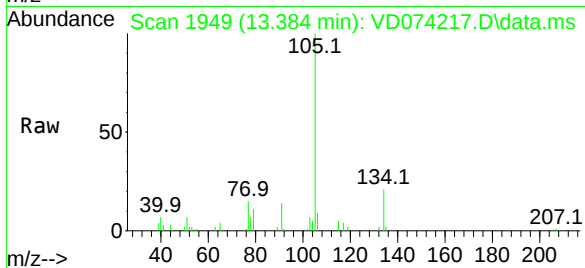
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:105 Resp: 21532

Ion Ratio Lower Upper

105 100

134 19.8 9.8 29.3



#86

p-Isopropyltoluene

Concen: 2.228 ug/l

RT: 13.496 min Scan# 1968

Delta R.T. -0.006 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

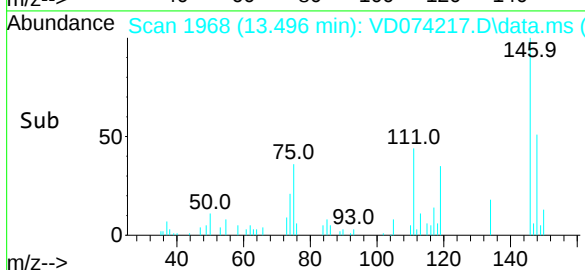
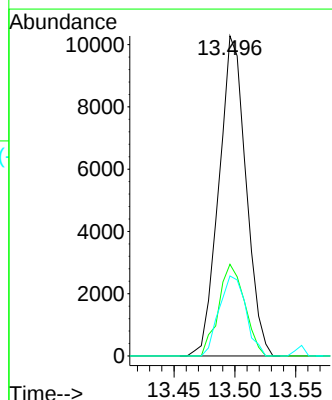
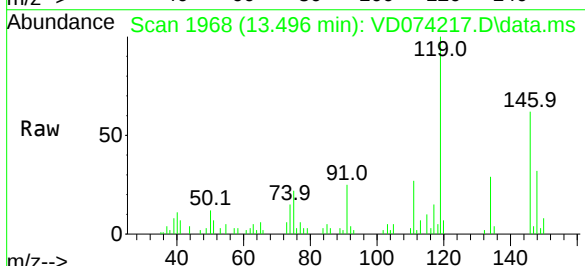
Tgt Ion:119 Resp: 15873

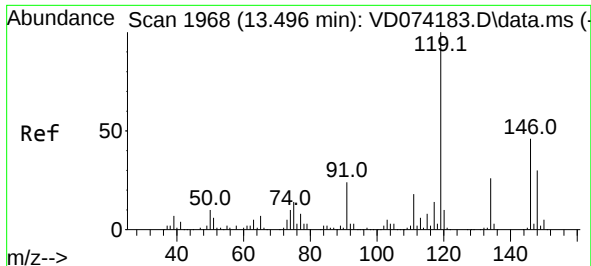
Ion Ratio Lower Upper

119 100

134 27.6 12.9 38.6

91 24.6 12.1 36.3

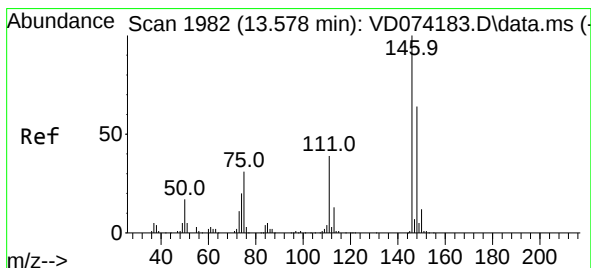
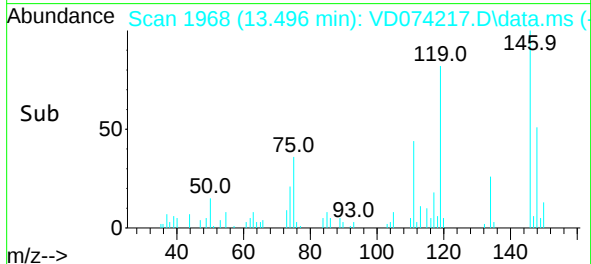
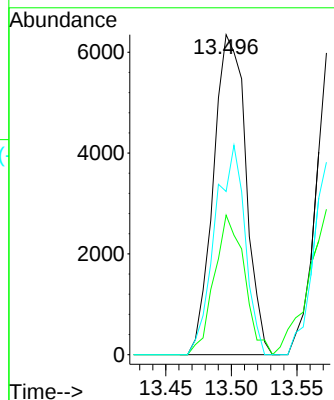
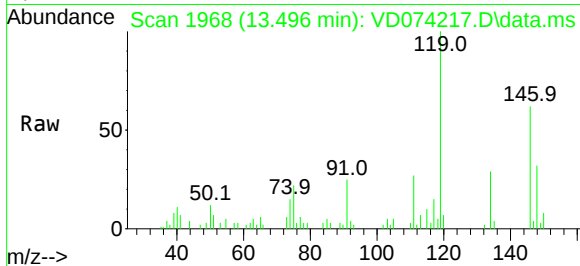




#87
 1,3-Dichlorobenzene
 Concen: 2.886 ug/l
 RT: 13.496 min Scan# 1968
 Delta R.T. 0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

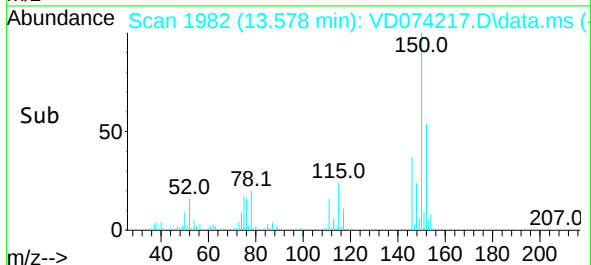
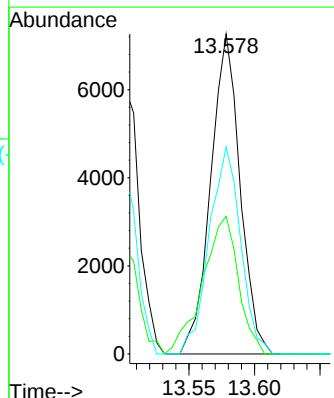
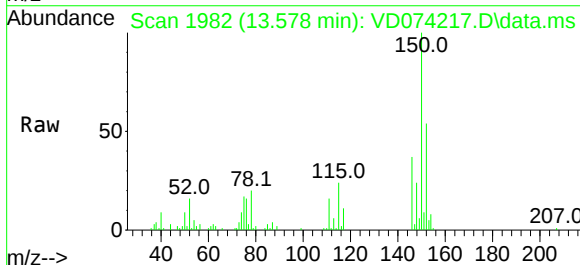
Instrument : MSVOA_D
 ClientSampleId : LOD-MDL-SOIL-01-QT3-2022

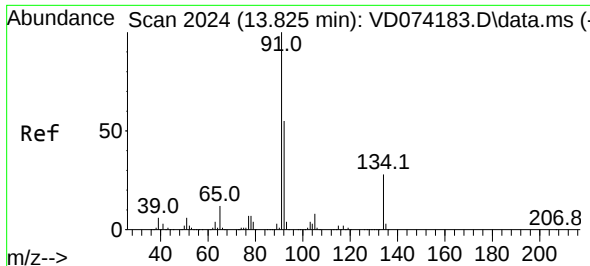
Tgt Ion:146	Resp:	10919
Ion	Ratio	Lower Upper
146	100	
111	40.6	20.4 61.3
148	60.9	31.9 95.7



#88
 1,4-Dichlorobenzene
 Concen: 2.973 ug/l
 RT: 13.578 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VD074217.D
 Acq: 24 Aug 2022 12:13

Tgt Ion:146	Resp:	11333
Ion	Ratio	Lower Upper
146	100	
111	52.1	20.3 60.9
148	69.0	31.7 95.1

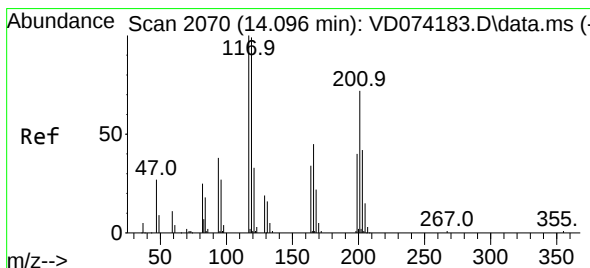
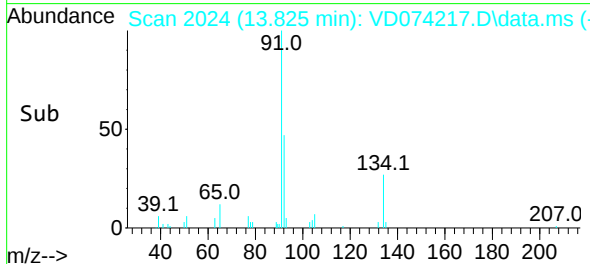
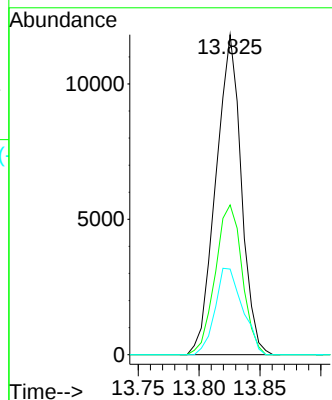
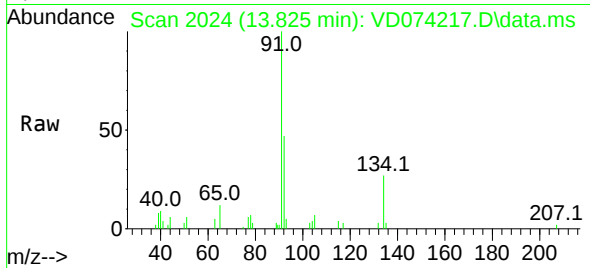




#89
n-Butylbenzene
Concen: 2.539 ug/l
RT: 13.825 min Scan# 2069
Delta R.T. 0.000 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

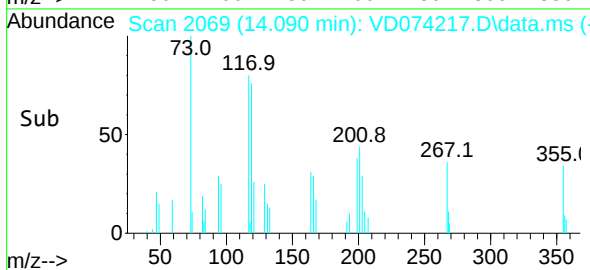
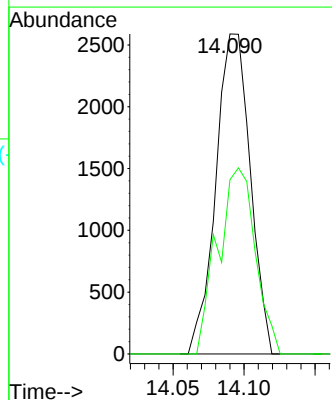
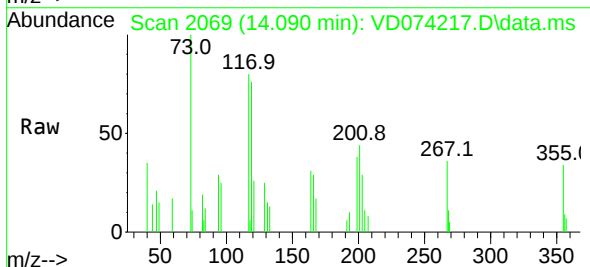
Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

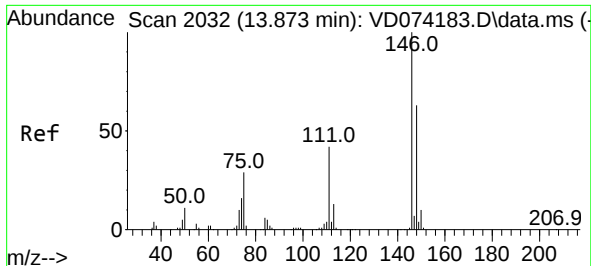
Tgt Ion: 91 Resp: 17145
Ion Ratio Lower Upper
91 100
92 49.6 26.6 79.8
134 29.1 12.3 36.9



#90
Hexachloroethane
Concen: 3.022 ug/l
RT: 14.090 min Scan# 2069
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion: 117 Resp: 4368
Ion Ratio Lower Upper
117 100
201 63.6 33.4 100.2





#91

1,2-Dichlorobenzene

Concen: 2.715 ug/l

RT: 13.872 min Scan# 2032

Delta R.T. -0.001 min

Lab File: VD074217.D

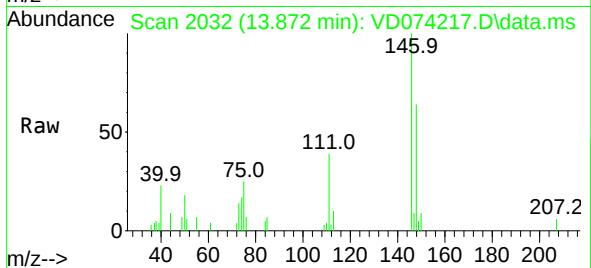
Acq: 24 Aug 2022 12:13

Instrument :

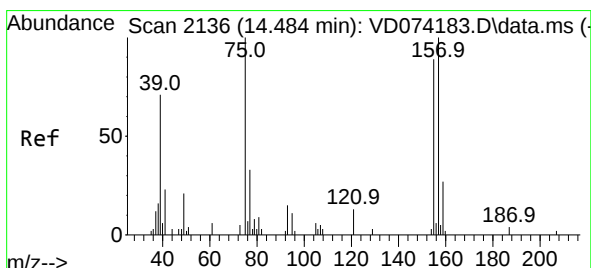
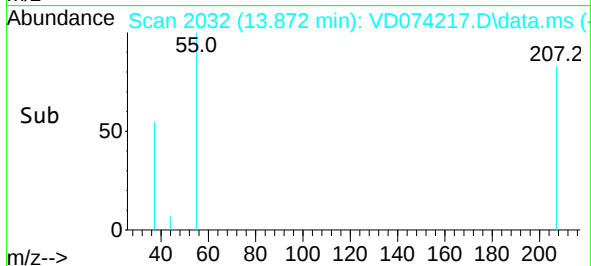
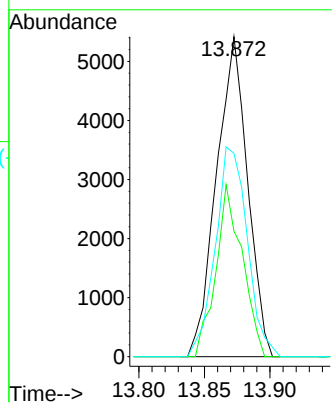
MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



Tgt Ion:	146	Resp:	8932
Ion Ratio	Lower	Upper	
146	100		
111	45.5	21.1	63.3
148	67.4	31.7	95.1



#92

1,2-Dibromo-3-Chloropropane

Concen: 3.279 ug/l

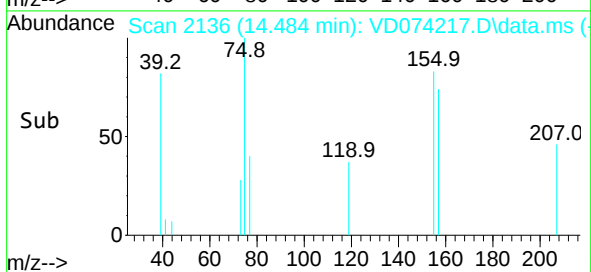
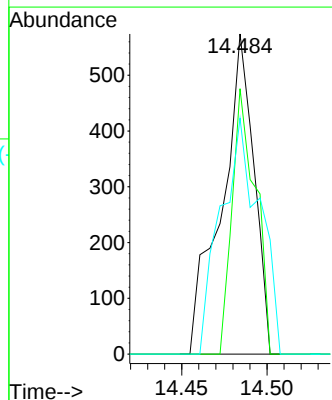
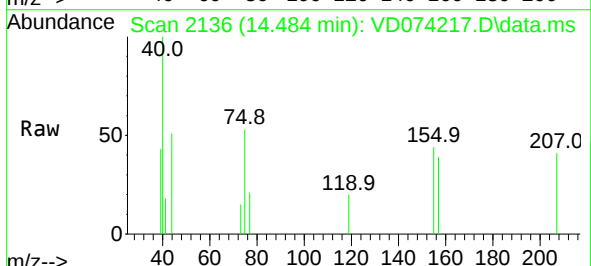
RT: 14.484 min Scan# 2136

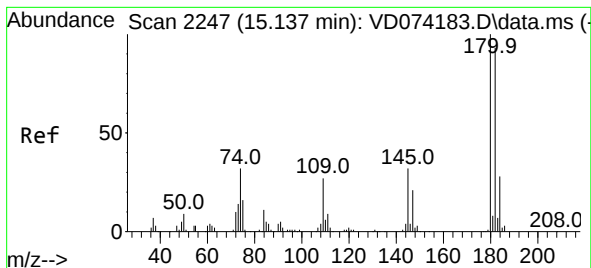
Delta R.T. 0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

Tgt Ion:	75	Resp:	757
Ion Ratio	Lower	Upper	
75	100		
155	60.0	36.8	110.3
157	88.1	48.4	145.0





#93

1,2,4-Trichlorobenzene

Concen: 2.677 ug/l

RT: 15.137 min Scan# 2247

Delta R.T. 0.000 min

Lab File: VD074217.D

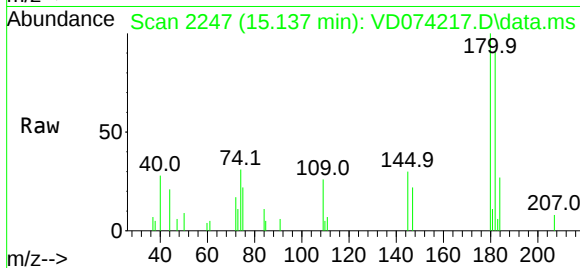
Acq: 24 Aug 2022 12:13

Instrument :

MSVOA_D

ClientSampleId :

LOD-MDL-SOIL-01-QT3-2022



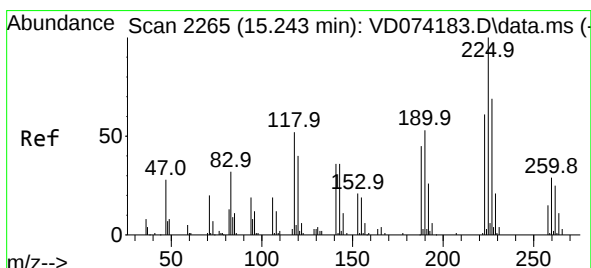
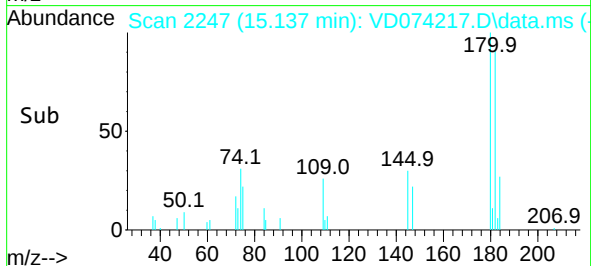
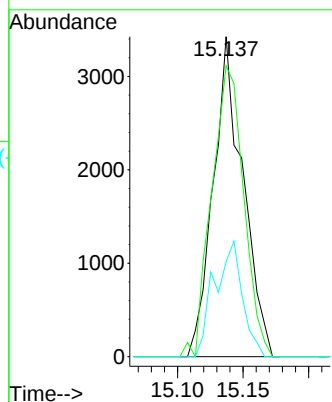
Tgt Ion:180 Resp: 5375

Ion Ratio Lower Upper

180 100

182 98.1 47.3 142.0

145 34.0 16.2 48.5



#94

Hexachlorobutadiene

Concen: 2.655 ug/l

RT: 15.243 min Scan# 2265

Delta R.T. -0.000 min

Lab File: VD074217.D

Acq: 24 Aug 2022 12:13

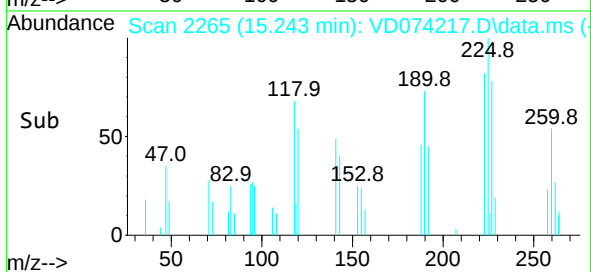
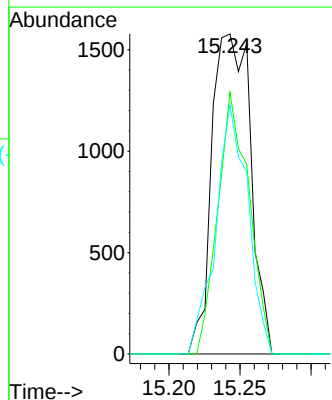
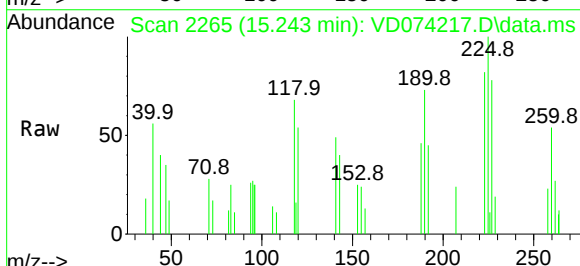
Tgt Ion:225 Resp: 2992

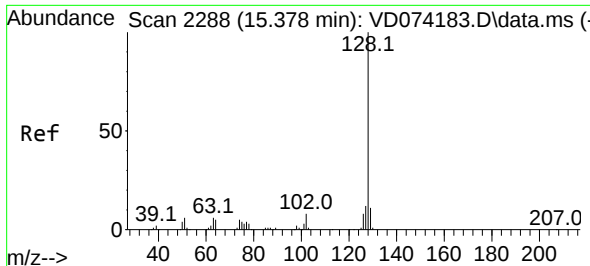
Ion Ratio Lower Upper

225 100

223 65.8 31.1 93.2

227 64.5 32.4 97.0

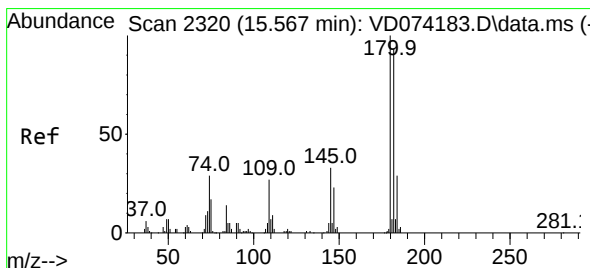
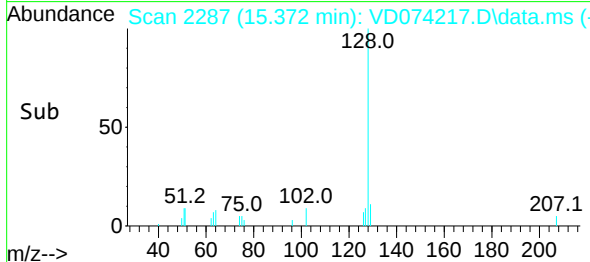
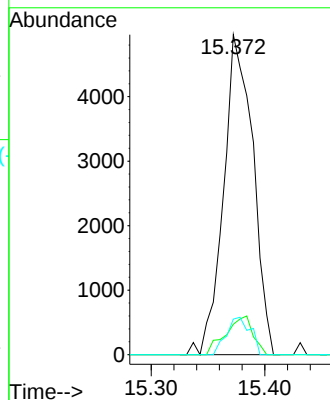
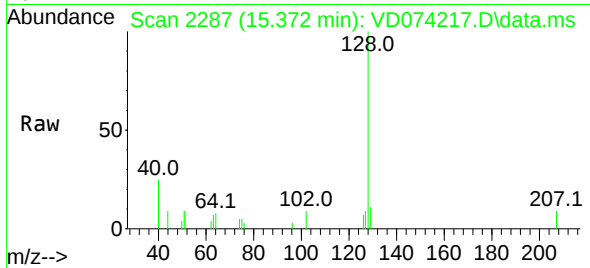




#95
Naphthalene
Concen: 2.460 ug/l
RT: 15.372 min Scan# 21
Delta R.T. -0.006 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Instrument :
MSVOA_D
ClientSampleId :
LOD-MDL-SOIL-01-QT3-2022

Tgt Ion:128 Resp: 8937
Ion Ratio Lower Upper
128 100
127 11.1 10.3 15.5
129 9.5 8.4 12.6



#96
1,2,3-Trichlorobenzene
Concen: 2.464 ug/l
RT: 15.578 min Scan# 2322
Delta R.T. 0.011 min
Lab File: VD074217.D
Acq: 24 Aug 2022 12:13

Tgt Ion:180 Resp: 4315
Ion Ratio Lower Upper
180 100
182 101.0 47.6 142.9
145 30.8 17.1 51.3

