

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072175.D
 Acq On : 14 Mar 2022 18:50
 Operator : VA/SY
 Sample : N1888-01
 Misc : 3.91G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1(PILE-1)

Quant Time: Mar 15 01:25:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	305769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	614491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	296113	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	204593	60.040	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 120.080%			
35) Dibromofluoromethane	7.914	113	212177	49.067	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 98.140%			
50) Toluene-d8	10.338	98	775931	49.074	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.140%			
62) 4-Bromofluorobenzene	12.626	95	296800	48.310	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 96.620%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.303	142	678	2.434	ug/l #	38
11) Tert butyl alcohol	5.197	59	717	3.629	ug/l #	74
16) Acetone	4.168	43	1962	2.652	ug/l #	47
17) Carbon Disulfide	4.421	76	4515	2.169	ug/l #	79
20) Methylene Chloride	4.962	84	11377	Below Cal	#	81
31) Cyclohexane	7.979	56	6955	1.306	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	26574	4.381	ug/l #	51
38) Carbon Tetrachloride	7.979	117	31544	4.574	ug/l #	19
51) 4-Methyl-2-Pentanone	10.332	43	3417	1.261	ug/l #	1
76) 1,2,3-Trichloropropane	12.620	75	151689	46.439	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.620	75	151689	115.221	ug/l #	7

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

Quant Time: Mar 15 01:25:45 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 14 05:18:06 2022
Response via : Initial Calibration

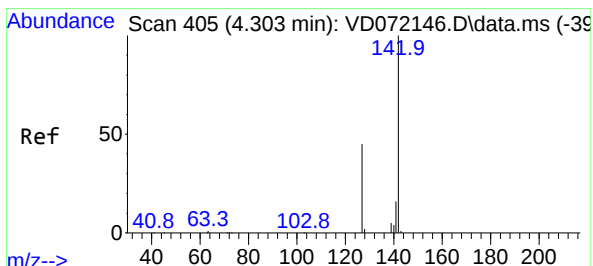
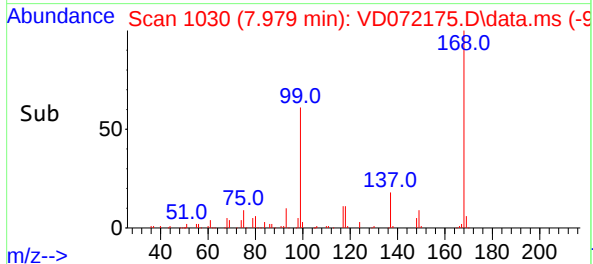
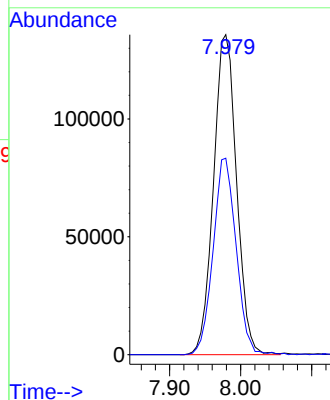
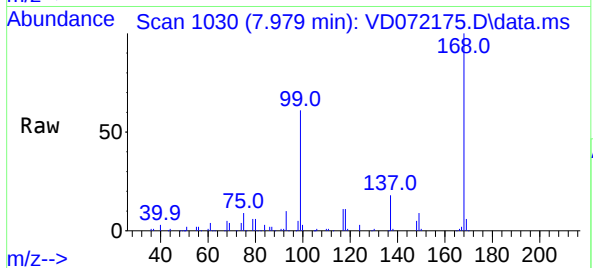




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1029
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

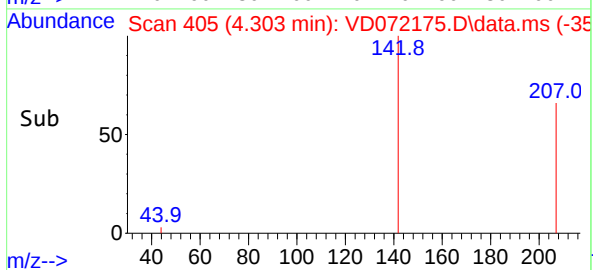
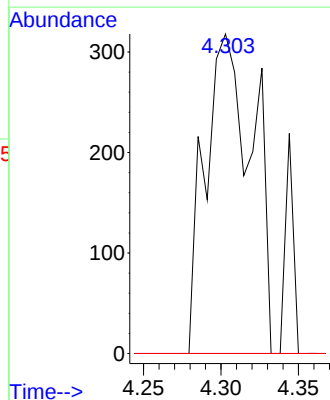
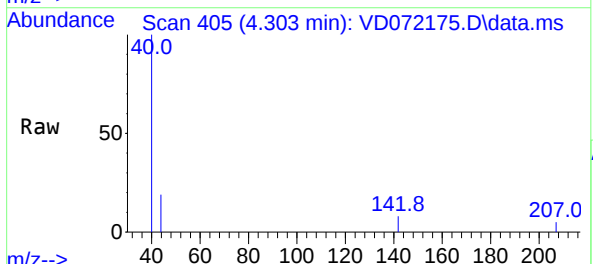
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

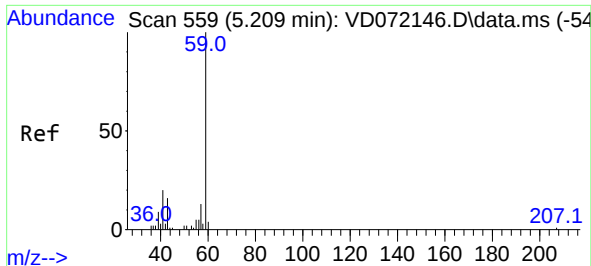
Tgt Ion:168 Resp: 305769
Ion Ratio Lower Upper
168 100
99 61.4 49.8 74.6



#10
Methyl Iodide
Concen: 2.434 ug/l
RT: 4.303 min Scan# 405
Delta R.T. -0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion:142 Resp: 678
Ion Ratio Lower Upper
142 100
127 0.0 37.3 55.9#
141 0.0 11.7 17.5#

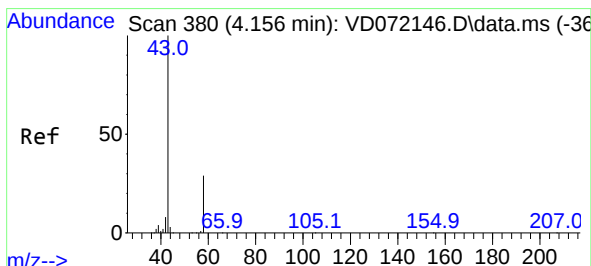
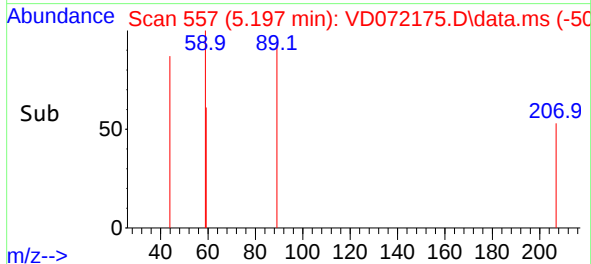
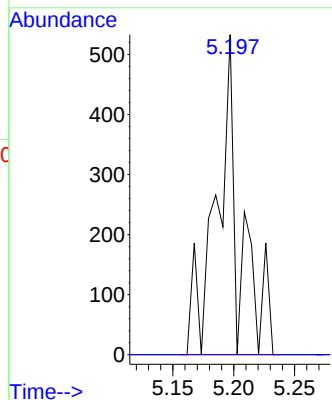
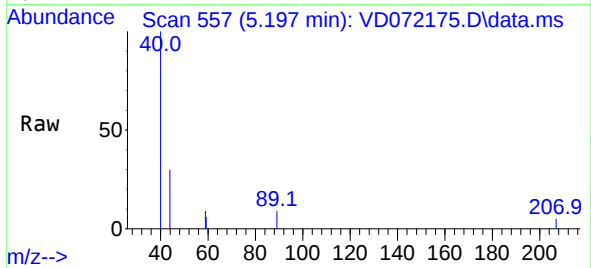




#11
Tert butyl alcohol
Concen: 3.629 ug/l
RT: 5.197 min Scan# 511
Delta R.T. -0.012 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

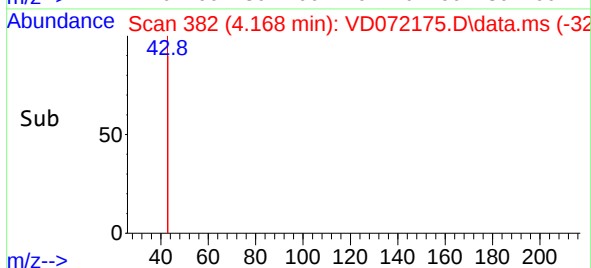
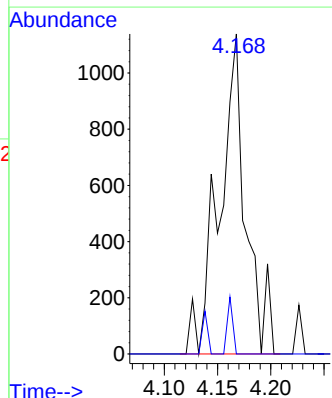
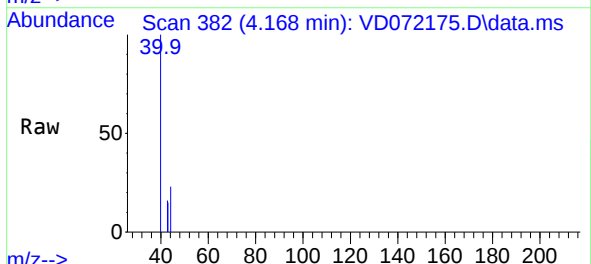
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MSVOA_D
ClientSampleId :
SS-1(PILE-1)

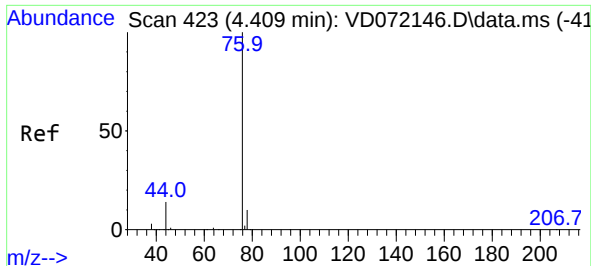
Tgt Ion: 59 Resp: 717
Ion Ratio Lower Upper
59 100
57 0.0 7.8 11.6#



#16
Acetone
Concen: 2.652 ug/l
RT: 4.168 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 43 Resp: 1962
Ion Ratio Lower Upper
43 100
58 0.0 22.1 33.1#

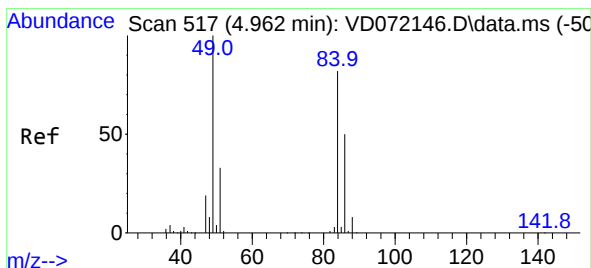
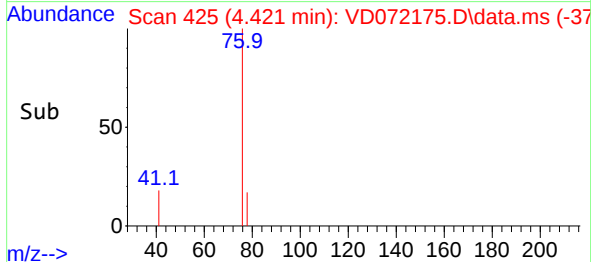
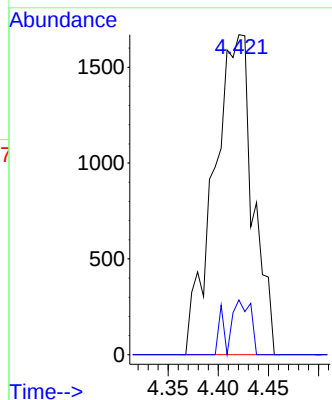
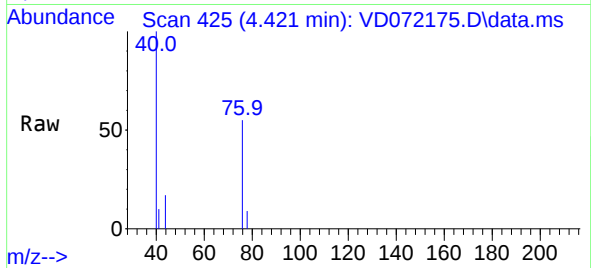




#17
Carbon Disulfide
Concen: 2.169 ug/l
RT: 4.421 min Scan# 41
Delta R.T. 0.012 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

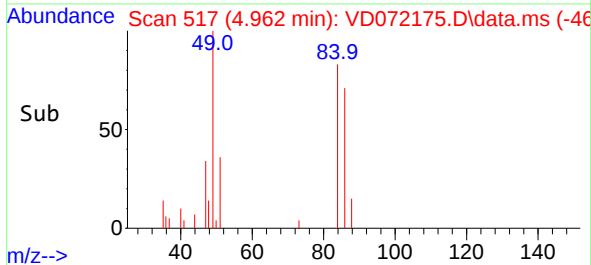
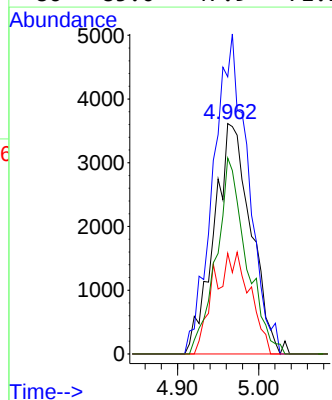
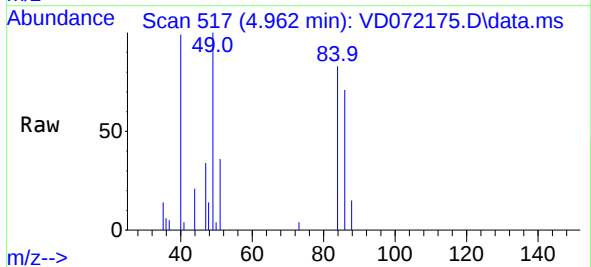
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

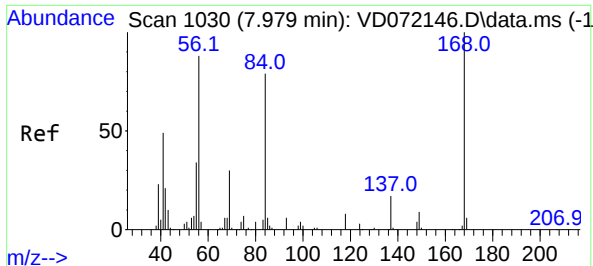
Tgt Ion: 76 Resp: 4515
Ion Ratio Lower Upper
76 100
78 17.1 7.5 11.3#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 84 Resp: 11377
Ion Ratio Lower Upper
84 100
49 120.2 112.8 169.2
51 43.7 32.6 48.8
86 85.0 47.9 71.9#

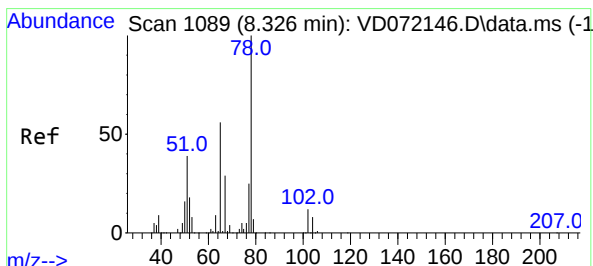
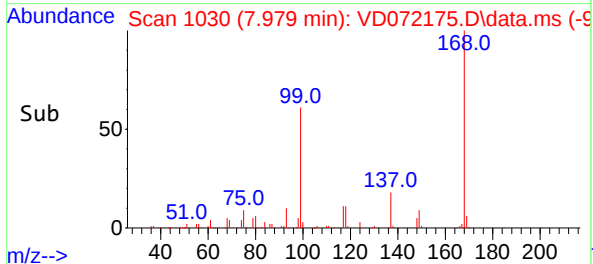
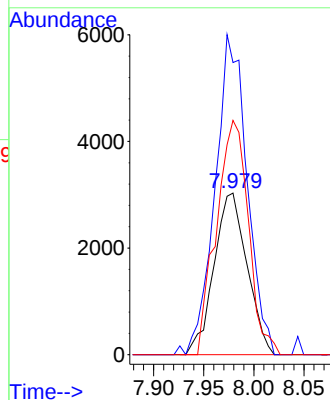
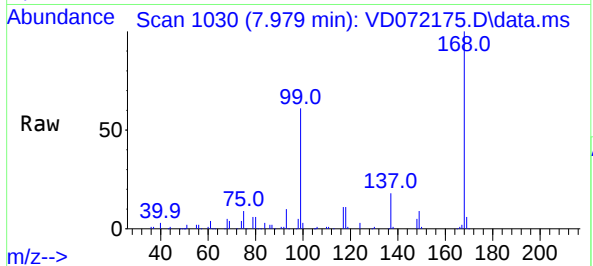




#31
Cyclohexane
Concen: 1.306 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

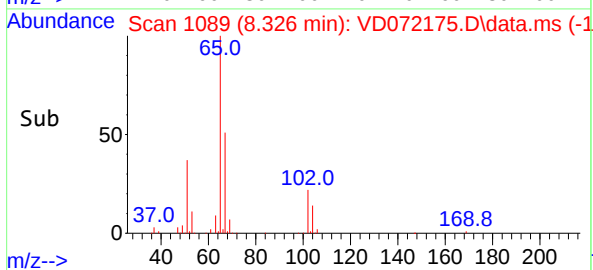
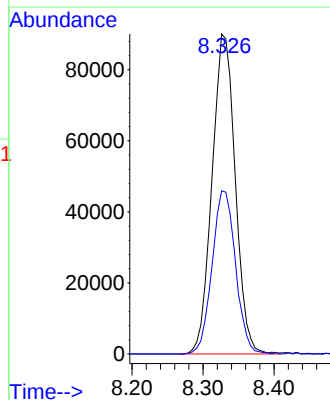
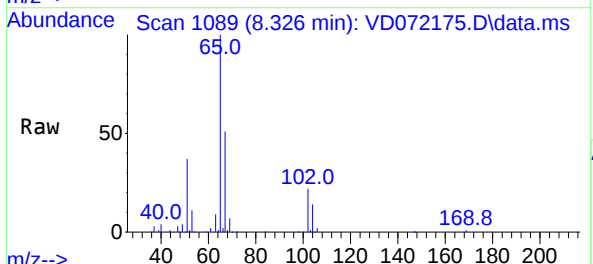
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

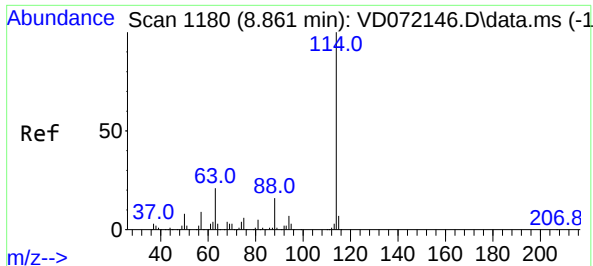
Tgt Ion: 56 Resp: 6955
Ion Ratio Lower Upper
56 100
69 180.8 25.4 38.2#
84 144.9 63.0 94.4#



#33
1,2-Dichloroethane-d4
Concen: 60.040 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 65 Resp: 204593
Ion Ratio Lower Upper
65 100
67 51.5 0.0 101.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD072175.D

Acq: 14 Mar 2022 18:50

Instrument :

MSVOA_D

ClientSampleId :

SS-1(PILE-1)

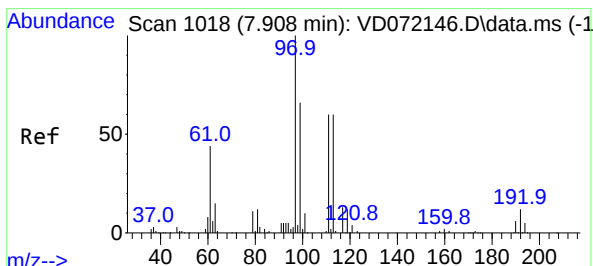
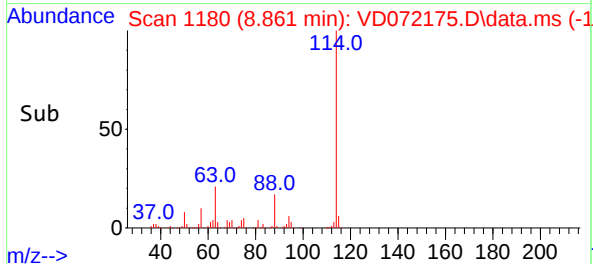
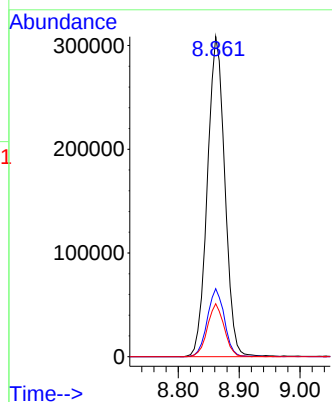
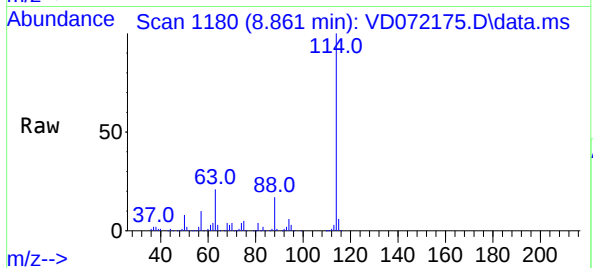
Tgt Ion:114 Resp: 614491

Ion Ratio Lower Upper

114 100

63 21.2 0.0 46.6

88 16.6 0.0 33.2



#35

Dibromofluoromethane

Concen: 49.067 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.006 min

Lab File: VD072175.D

Acq: 14 Mar 2022 18:50

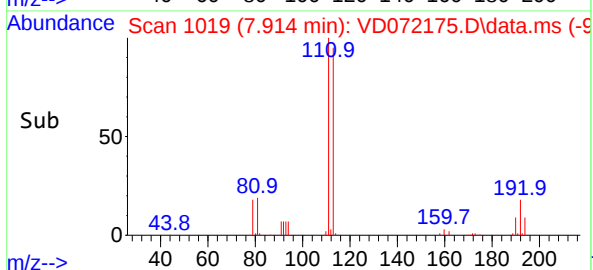
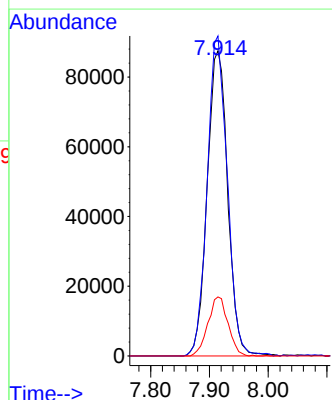
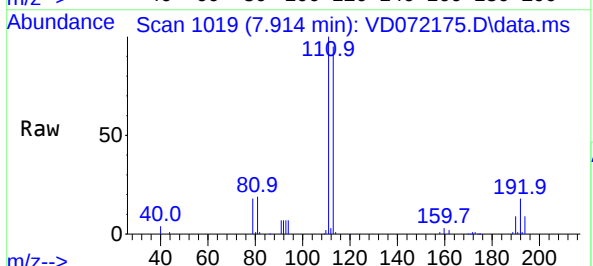
Tgt Ion:113 Resp: 212177

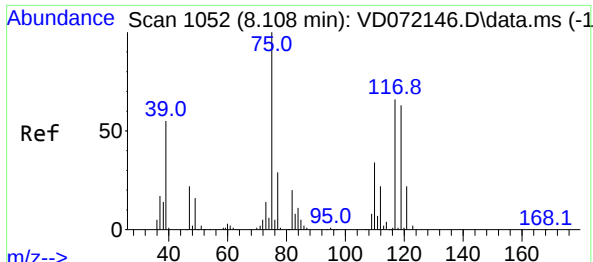
Ion Ratio Lower Upper

113 100

111 102.6 83.8 125.6

192 18.9 14.6 21.8

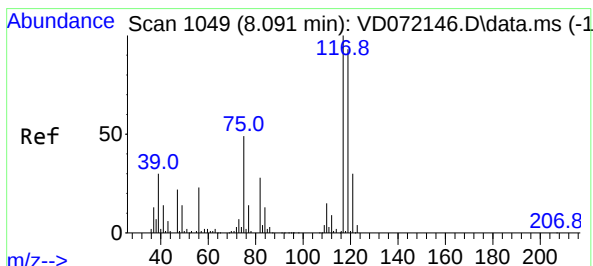
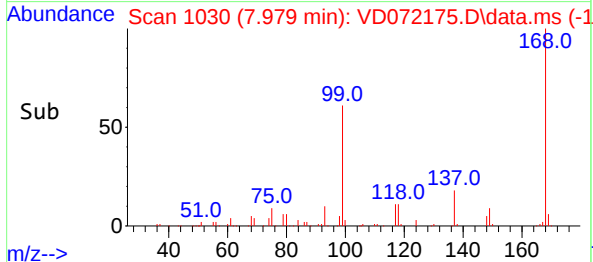
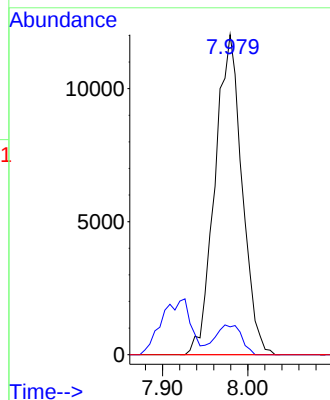
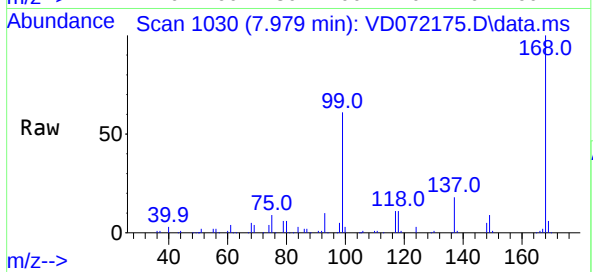




#36
 1,1-Dichloropropene
 Concen: 4.381 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.129 min
 Lab File: VD072175.D
 Acq: 14 Mar 2022 18:50

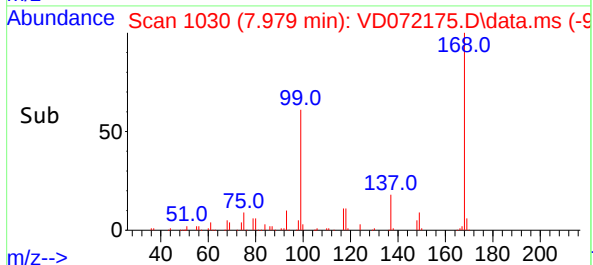
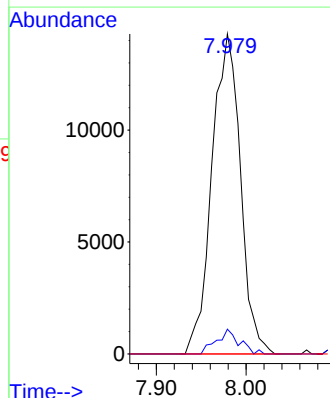
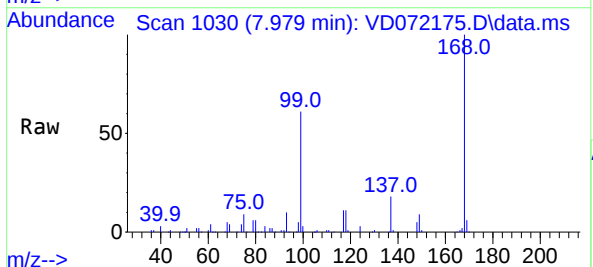
Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1(PILE-1)

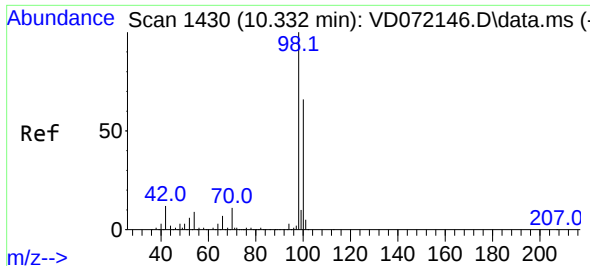
Tgt Ion: 75 Resp: 26574
 Ion Ratio Lower Upper
 75 100
 110 8.9 16.4 49.1#
 77 0.0 24.2 36.2#



#38
 Carbon Tetrachloride
 Concen: 4.574 ug/l
 RT: 7.979 min Scan# 1030
 Delta R.T. -0.112 min
 Lab File: VD072175.D
 Acq: 14 Mar 2022 18:50

Tgt Ion: 117 Resp: 31544
 Ion Ratio Lower Upper
 117 100
 119 7.7 75.8 113.6#
 121 0.0 24.5 36.7#

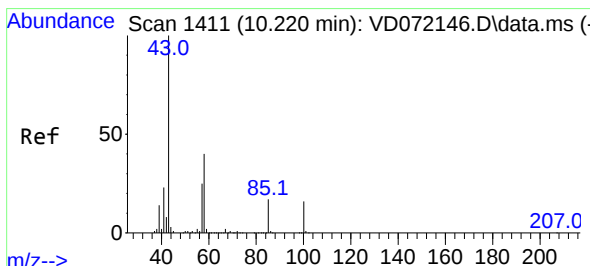
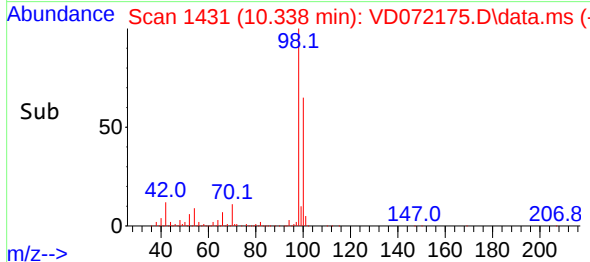
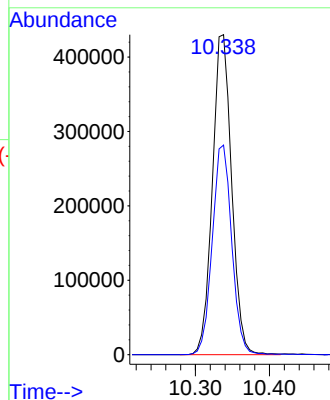
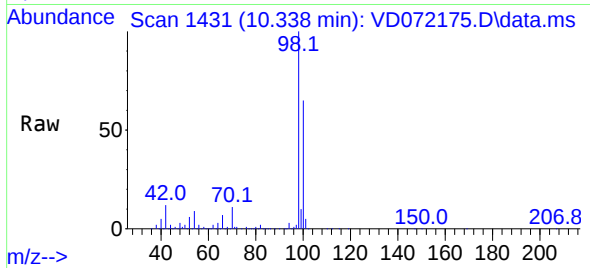




#50
Toluene-d8
Concen: 49.074 ug/l
RT: 10.338 min Scan# 14
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

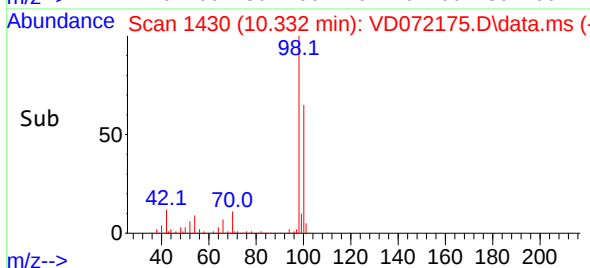
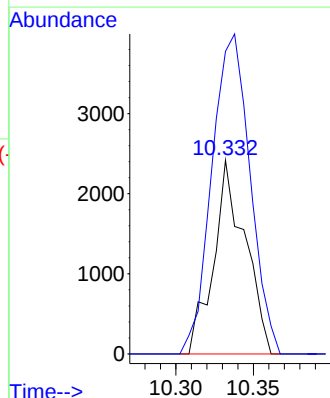
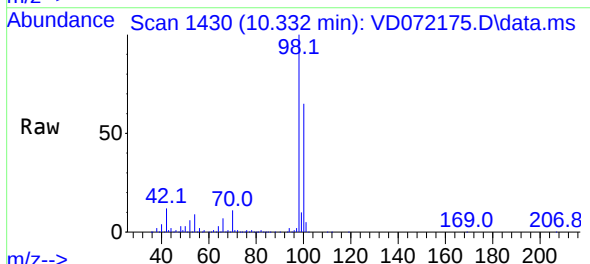
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

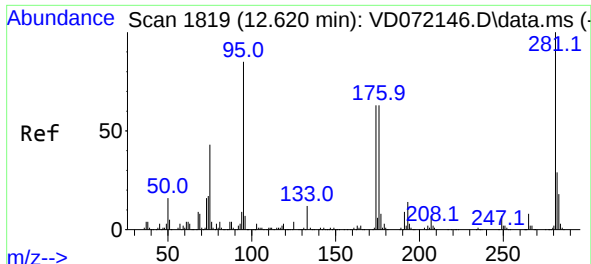
Tgt Ion: 98 Resp: 775931
Ion Ratio Lower Upper
98 100
100 66.4 52.4 78.6



#51
4-Methyl-2-Pentanone
Concen: 1.261 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.112 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 43 Resp: 3417
Ion Ratio Lower Upper
43 100
58 200.4 28.6 43.0#

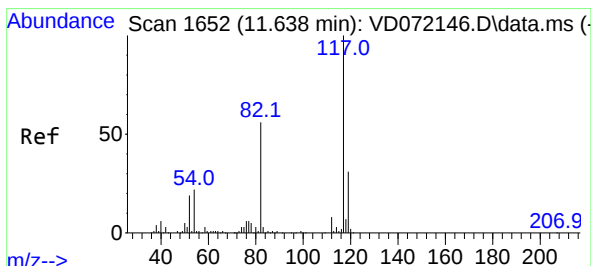
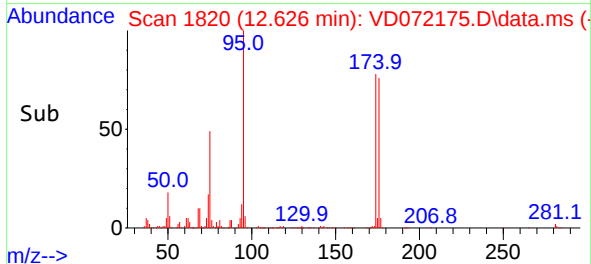
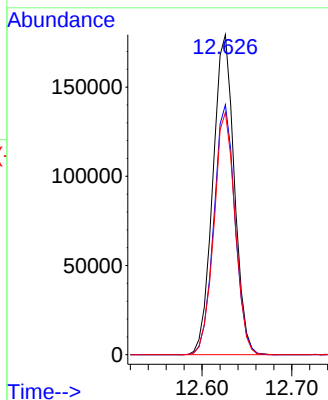
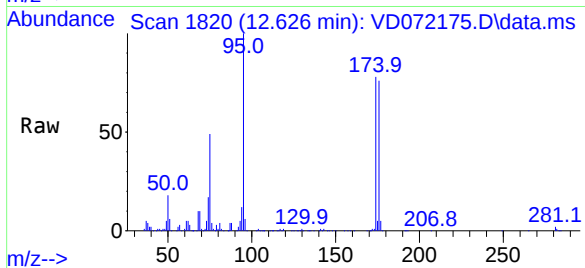




#62
4-Bromofluorobenzene
Concen: 48.310 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

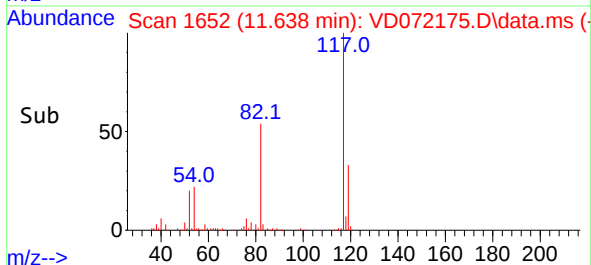
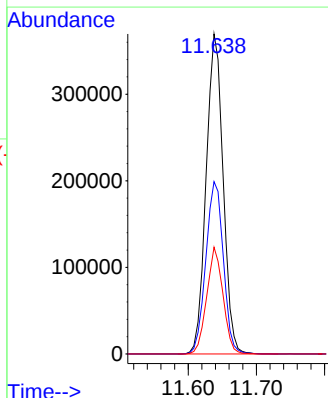
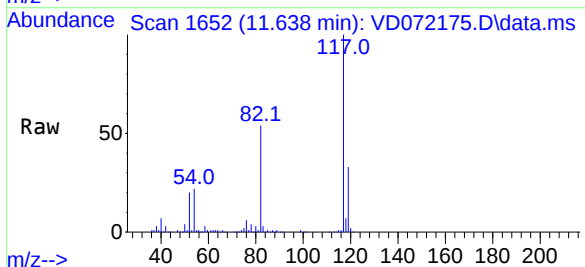
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

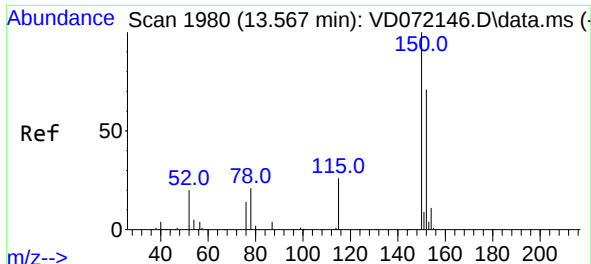
Tgt Ion: 95 Resp: 296800
Ion Ratio Lower Upper
95 100
174 77.0 0.0 152.8
176 74.8 0.0 145.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

Tgt Ion: 117 Resp: 640717
Ion Ratio Lower Upper
117 100
82 53.8 45.3 67.9
119 33.4 26.6 40.0

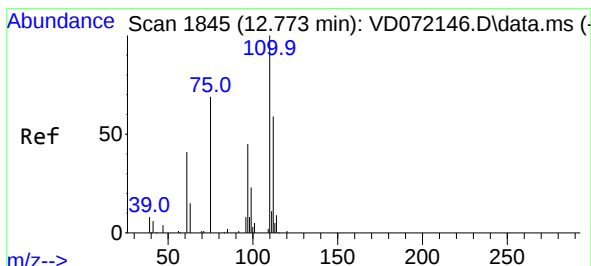
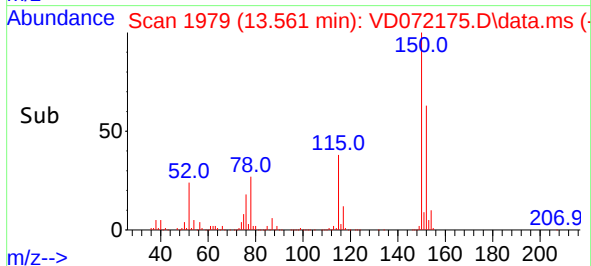
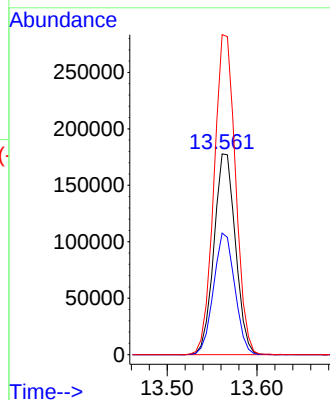
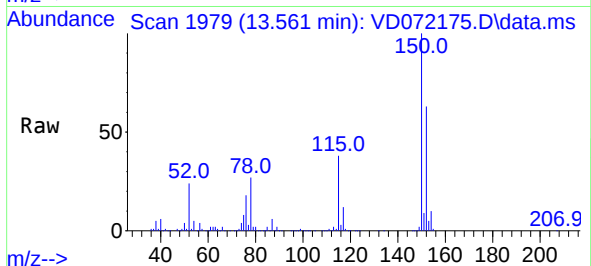




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

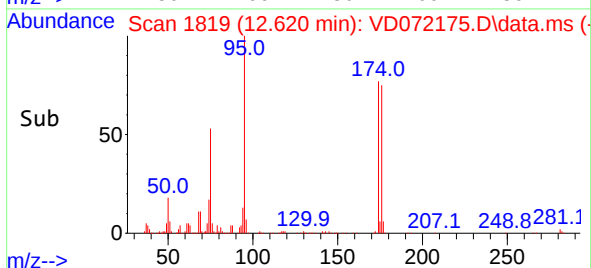
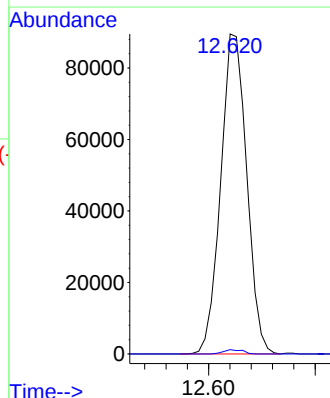
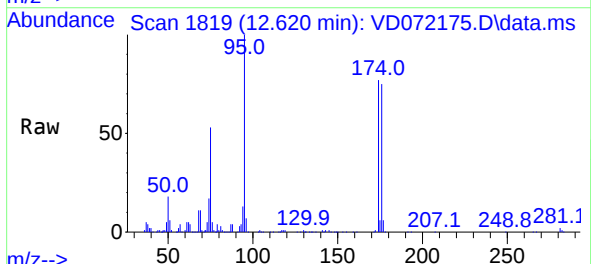
Instrument :
MSVOA_D
ClientSampleId :
SS-1(PILE-1)

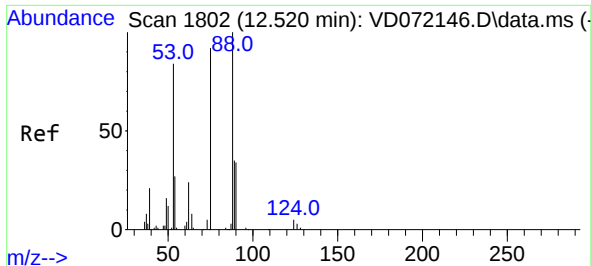
Tgt Ion:152 Resp: 296113
Ion Ratio Lower Upper
152 100
115 60.0 31.3 93.8
150 159.5 0.0 348.6



#76
1,2,3-Trichloropropane
Concen: 46.439 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.153 min
Lab File: VD072175.D
Acq: 14 Mar 2022 18:50

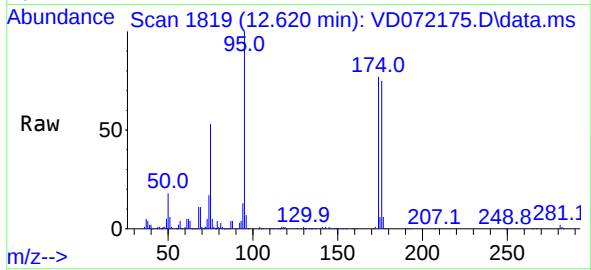
Tgt Ion: 75 Resp: 151689
Ion Ratio Lower Upper
75 100
77 1.0 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 115.221 ug/l
 RT: 12.620 min Scan# 11
 Delta R.T. 0.100 min
 Lab File: VD072175.D
 Acq: 14 Mar 2022 18:50

Instrument :
 MSVOA_D
 ClientSampleId :
 SS-1(PILE-1)



Tgt Ion: 75 Resp: 151689
 Ion Ratio Lower Upper
 75 100
 53 0.0 86.5 129.7#
 89 0.2 33.9 50.9#

