

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070113.D
 Acq On : 18 Aug 2021 05:03
 Operator : VA/SY
 Sample : M3390-11
 Misc : 5.17G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0002

Quant Time: Aug 18 06:20:49 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081321S.M
 Quant Title : SW846 8260
 QLast Update : Sat Aug 14 02:33:51 2021
 Response via : Initial Calibration

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

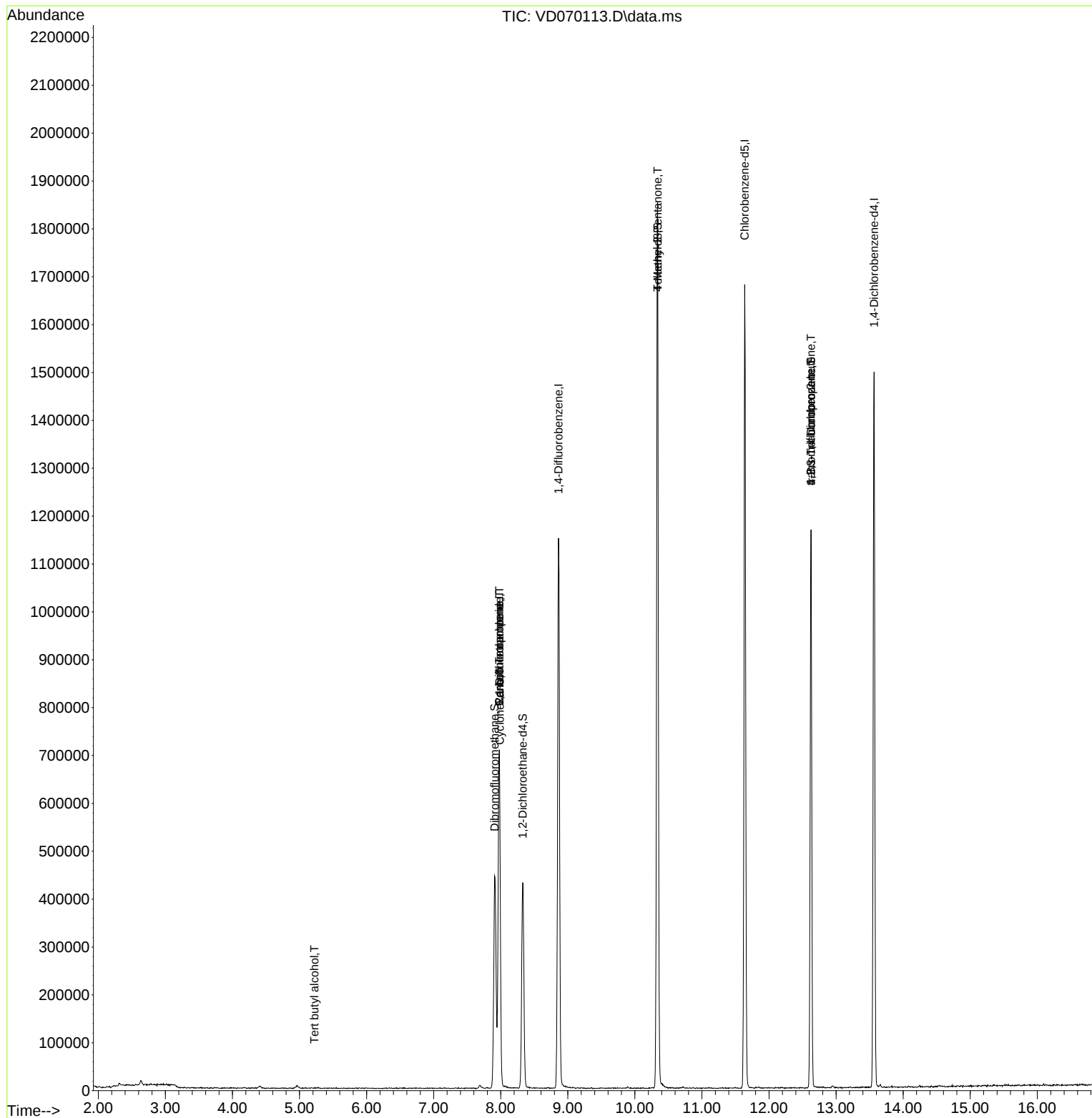
Internal Standards						
1) Pentafluorobenzene	7.979	168	510599	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	993313	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	970554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	397785	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	346800	57.748	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.500%
35) Dibromofluoromethane	7.909	113	338488	52.745	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.480%
50) Toluene-d8	10.338	98	1299344	52.056	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.120%
62) 4-Bromofluorobenzene	12.626	95	395029	48.050	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	96.100%
Target Compounds						
2) Dichlorodifluoromethane	1.997	85	364	Below Cal	#	42
3) Chloromethane	2.209	50	1207	Below Cal		93
5) Bromomethane	2.779	94	2498	Below Cal		81
11) Tert butyl alcohol	5.220	59	378	1.139	ug/l #	71
20) Methylene Chloride	4.956	84	2156	Below Cal	#	81
31) Cyclohexane	7.985	56	12268	1.032	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	45870	4.293	ug/l #	48
38) Carbon Tetrachloride	7.979	117	53740	5.539	ug/l #	14
51) 4-Methyl-2-Pentanone	10.338	43	5312	1.410	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	192507	47.720	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	192507	123.864	ug/l #	18

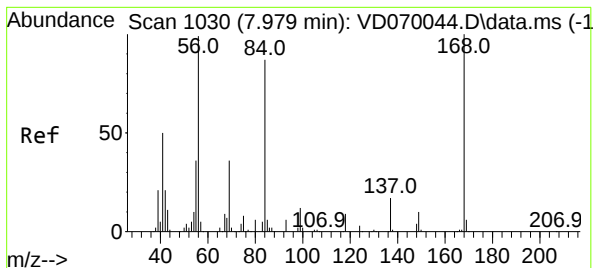
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Sat Aug 14 02:33:51 2021
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.000 min

Lab File: VD070113.D

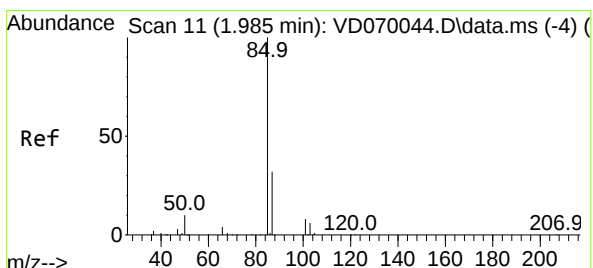
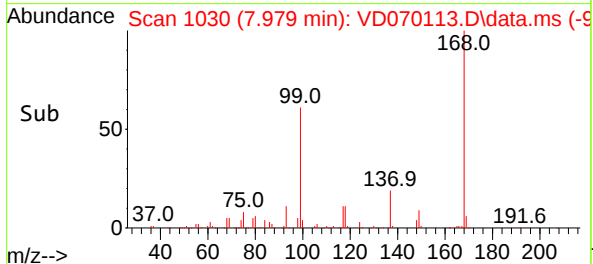
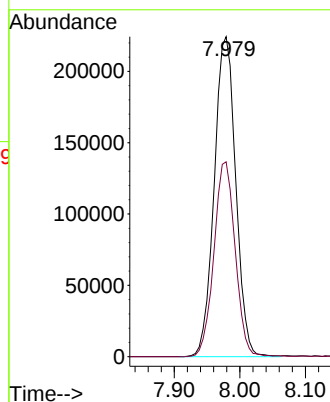
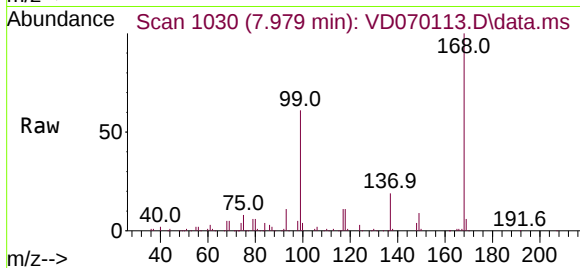
Acq: 18 Aug 2021 05:03

Tgt Ion:168 Resp: 510599

Ion Ratio Lower Upper

168 100

99 60.9 50.3 75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.997 min Scan# 13

Delta R.T. 0.012 min

Lab File: VD070113.D

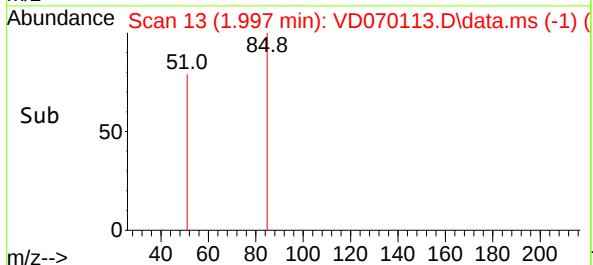
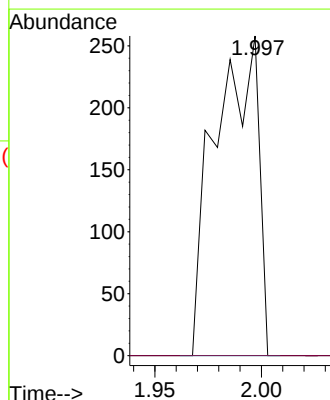
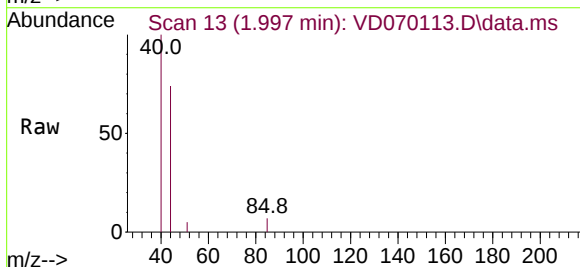
Acq: 18 Aug 2021 05:03

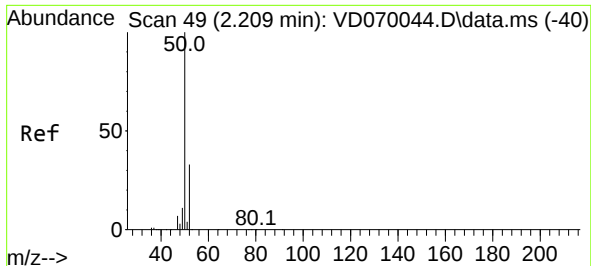
Tgt Ion: 85 Resp: 364

Ion Ratio Lower Upper

85 100

87 0.0 16.2 48.6#

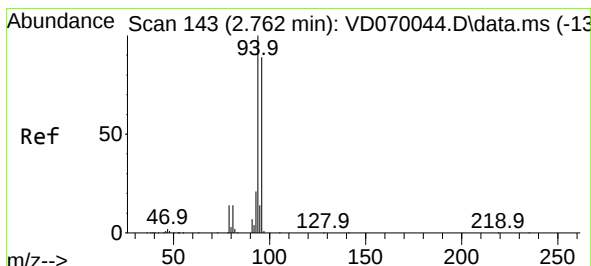
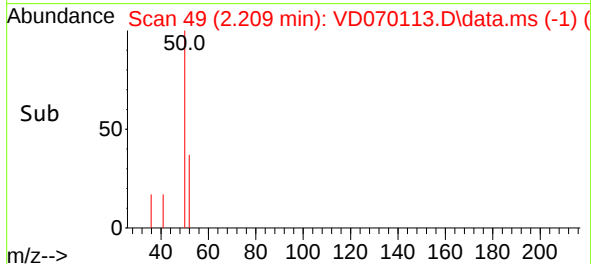
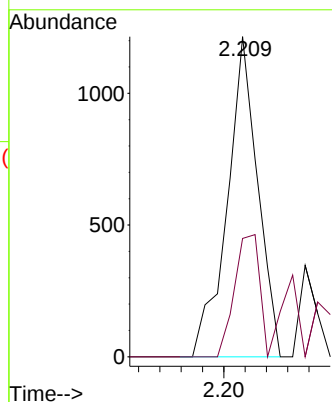
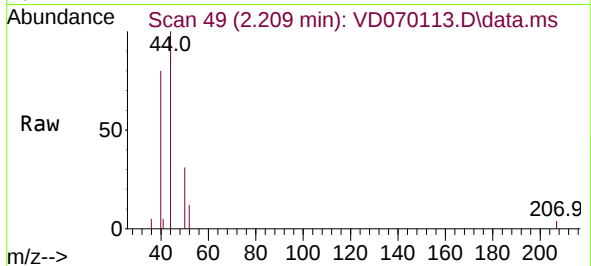




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

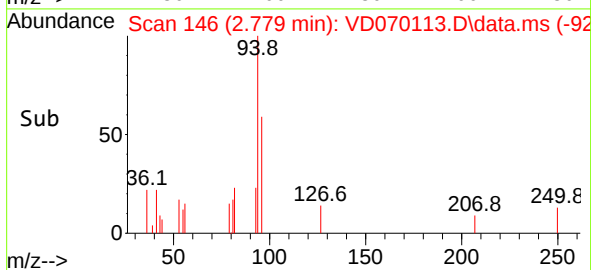
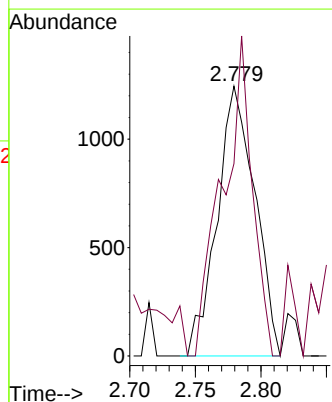
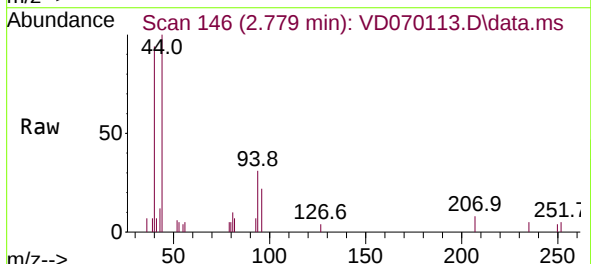
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

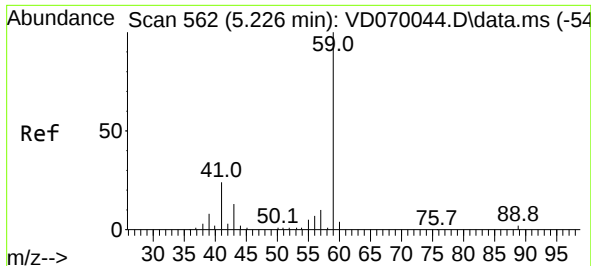
Tgt Ion: 50 Resp: 1207
Ion Ratio Lower Upper
50 100
52 37.0 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

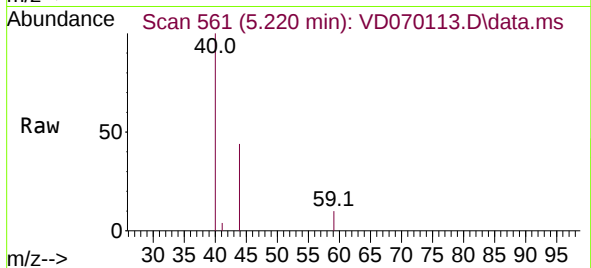
Tgt Ion: 94 Resp: 2498
Ion Ratio Lower Upper
94 100
96 71.3 70.9 106.3



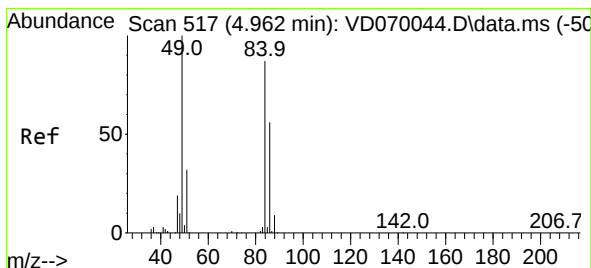
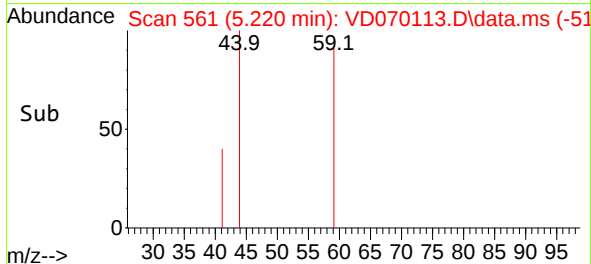
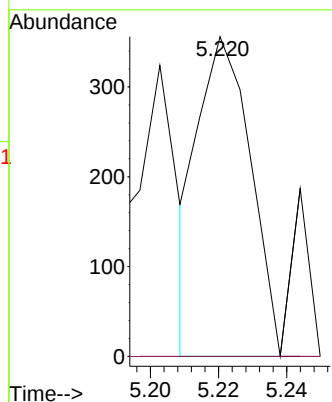


#11
Tert butyl alcohol
Concen: 1.139 ug/l
RT: 5.220 min Scan# 561
Delta R.T. -0.006 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

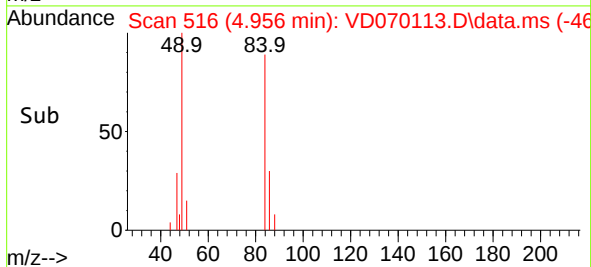
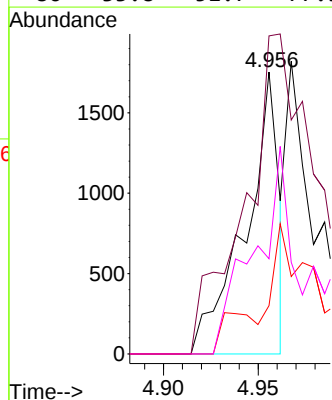
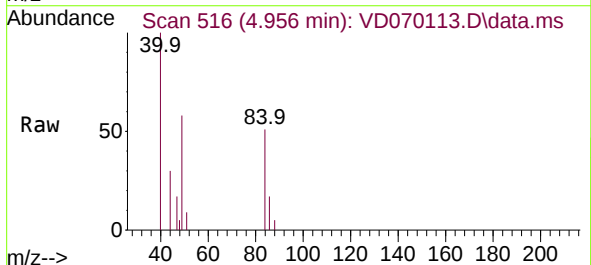


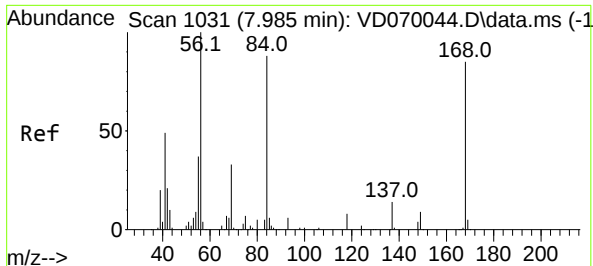
Tgt Ion: 59 Resp: 378
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 84 Resp: 2156
Ion Ratio Lower Upper
84 100
49 112.8 92.5 138.7
51 17.1 29.7 44.5#
86 33.8 51.7 77.5#

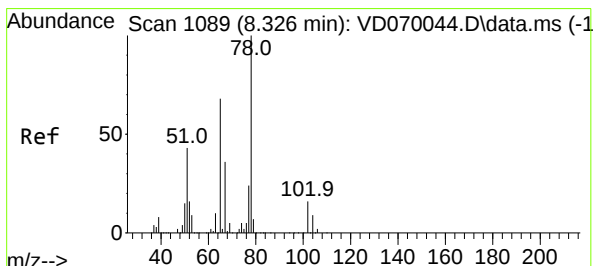
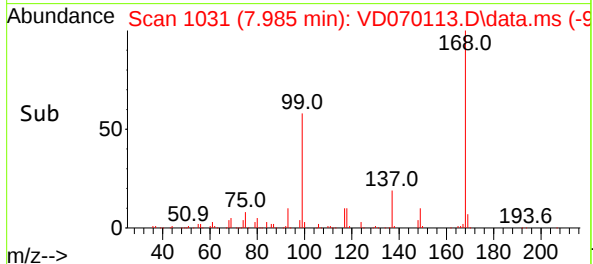
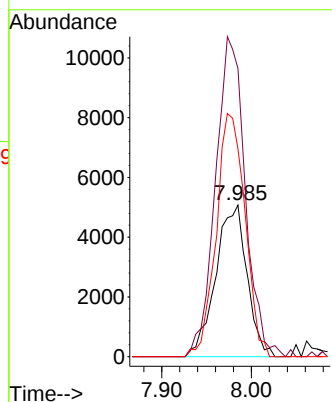
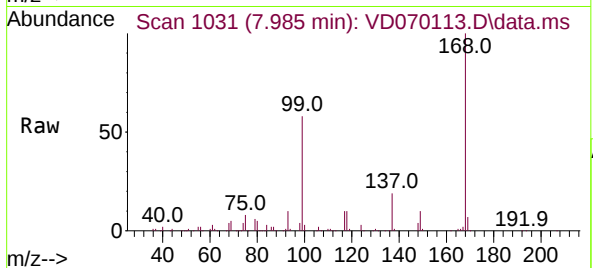




#31
Cyclohexane
Concen: 1.032 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

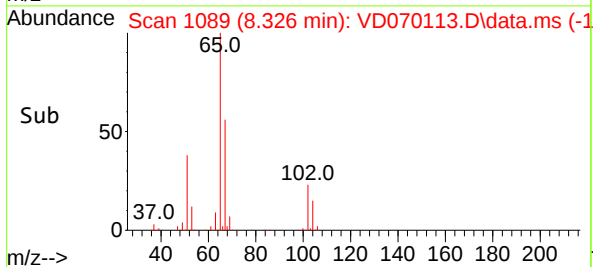
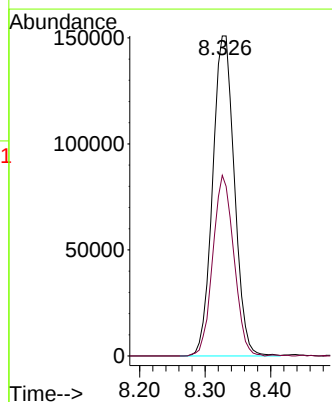
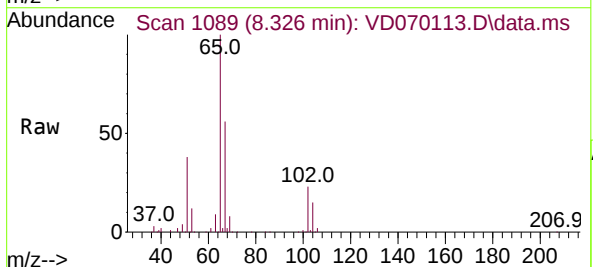
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

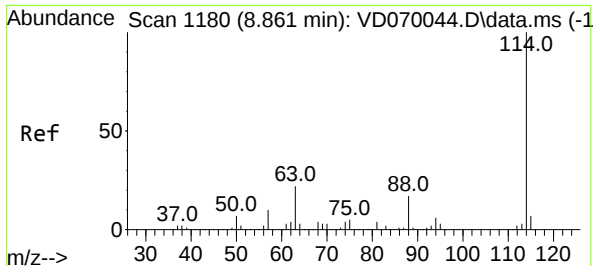
Tgt Ion: 56 Resp: 12268
Ion Ratio Lower Upper
56 100
69 190.0 26.7 40.1#
84 137.1 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 57.748 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 65 Resp: 346800
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.861 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD070113.D

Acq: 18 Aug 2021 05:03

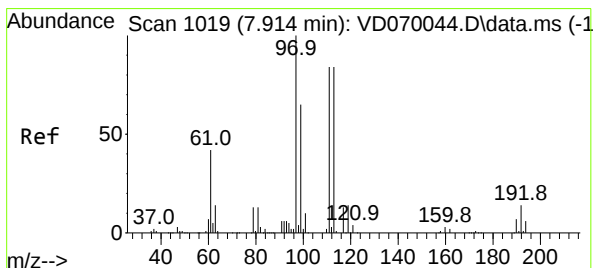
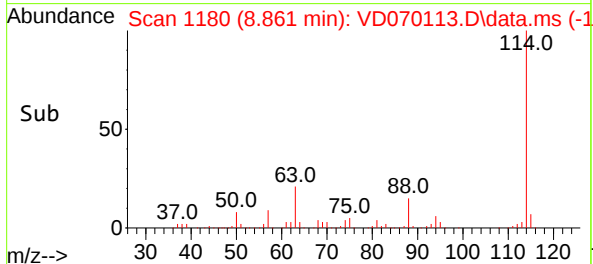
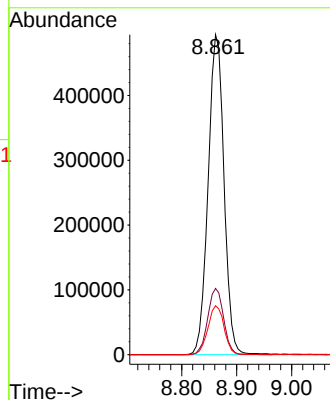
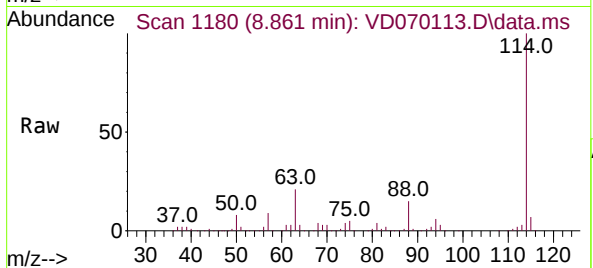
Tgt Ion:114 Resp: 993313

Ion Ratio Lower Upper

114 100

63 20.7 0.0 43.6

88 15.3 0.0 33.4



#35

Dibromofluoromethane

Concen: 52.745 ug/l

RT: 7.909 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070113.D

Acq: 18 Aug 2021 05:03

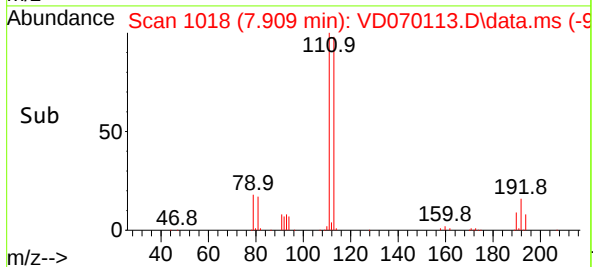
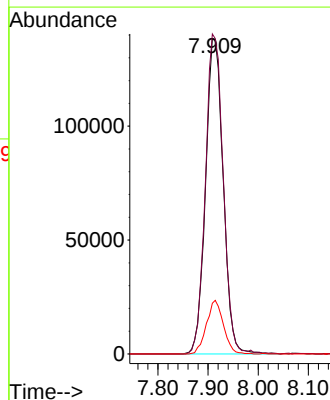
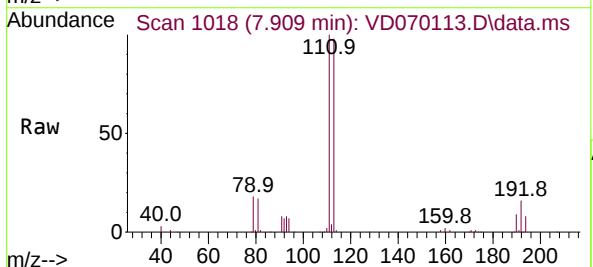
Tgt Ion:113 Resp: 338488

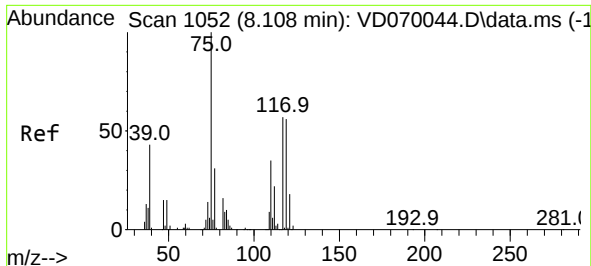
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 16.4 13.2 19.8

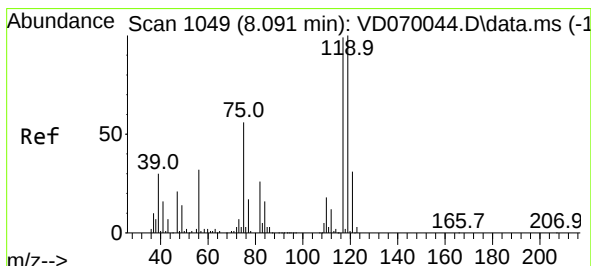
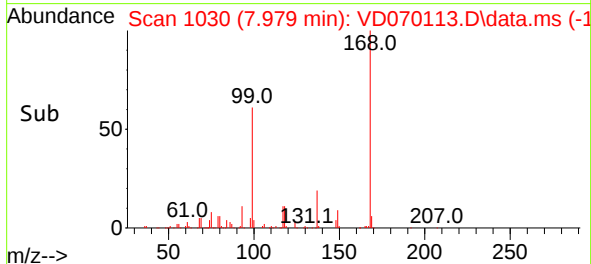
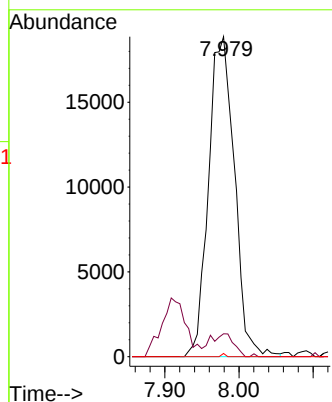
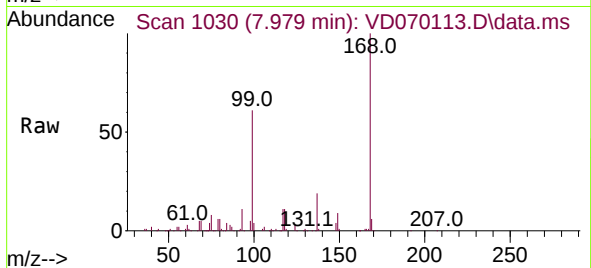




#36
1,1-Dichloropropene
Concen: 4.293 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

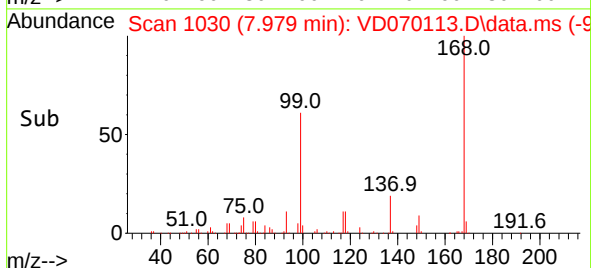
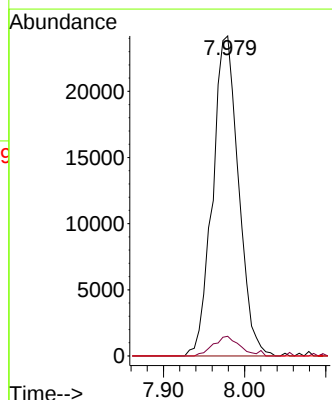
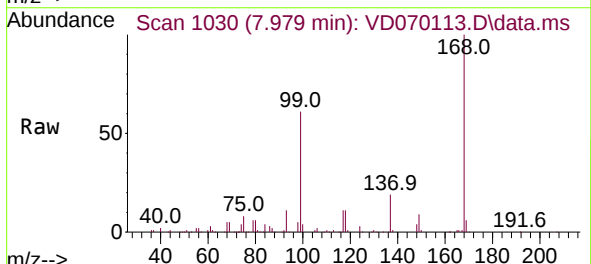
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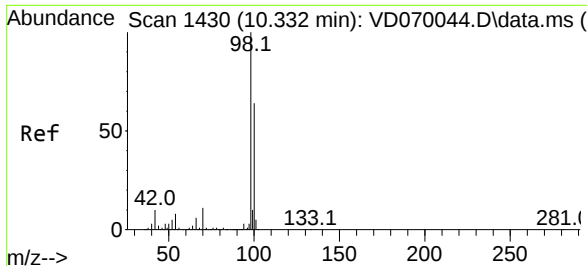
Tgt Ion: 75 Resp: 45870
Ion Ratio Lower Upper
75 100
110 6.5 16.9 50.7#
77 0.1 25.2 37.8#



#38
Carbon Tetrachloride
Concen: 5.539 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 117 Resp: 53740
Ion Ratio Lower Upper
117 100
119 6.1 81.0 121.6#
121 0.0 25.0 37.6#

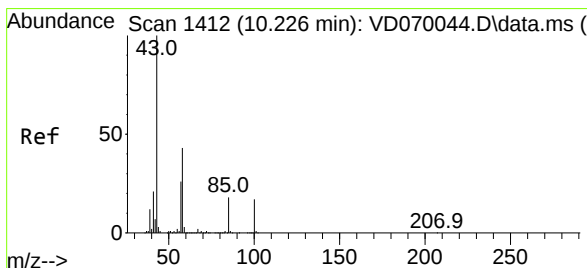
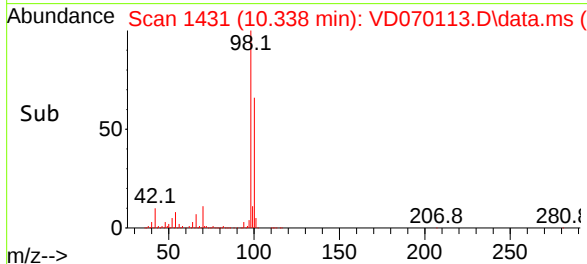
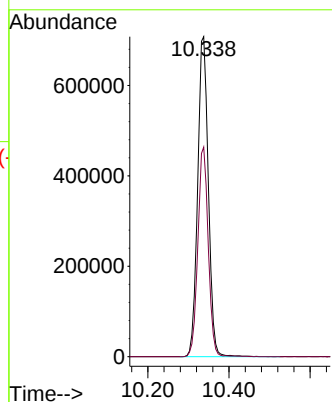
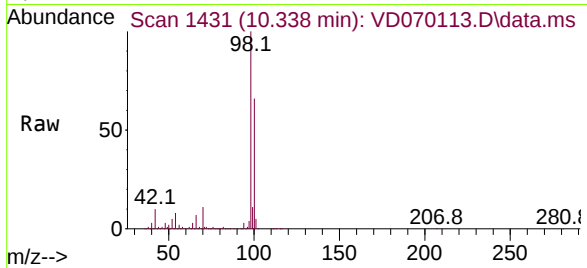




#50
Toluene-d8
Concen: 52.056 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

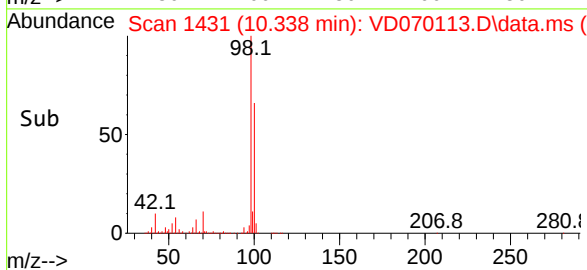
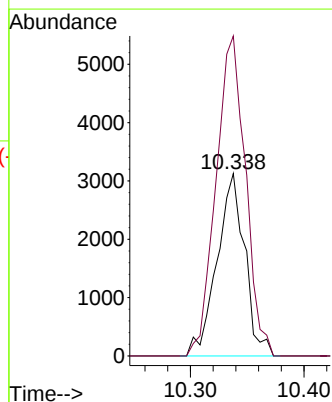
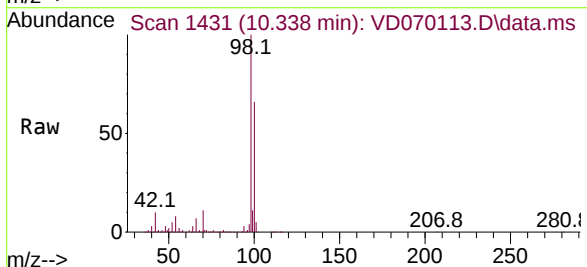
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

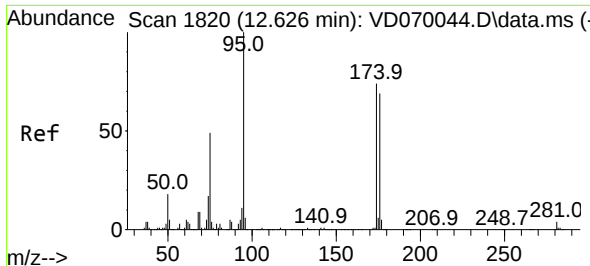
Tgt Ion: 98 Resp: 1299344
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#51
4-Methyl-2-Pentanone
Concen: 1.410 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 43 Resp: 5312
Ion Ratio Lower Upper
43 100
58 186.6 33.9 50.9#

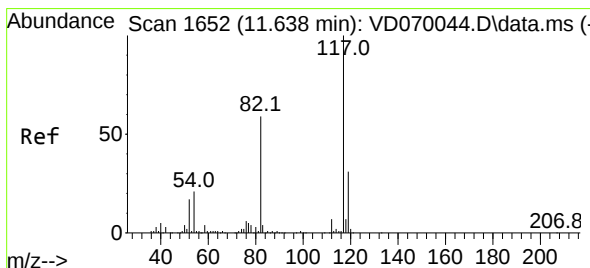
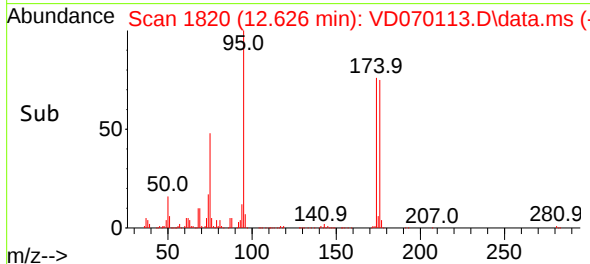
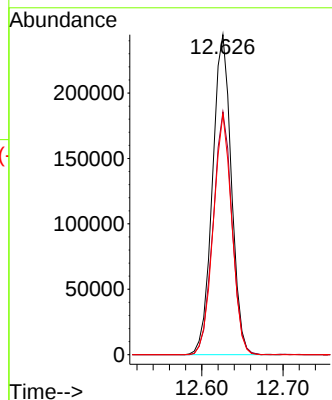
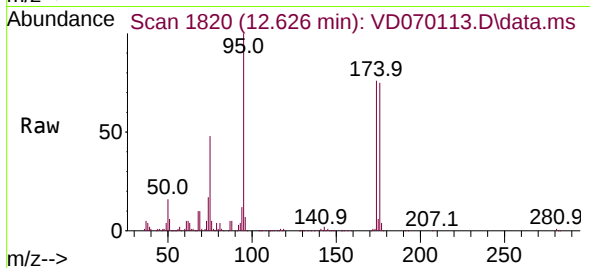




#62
4-Bromofluorobenzene
Concen: 48.050 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

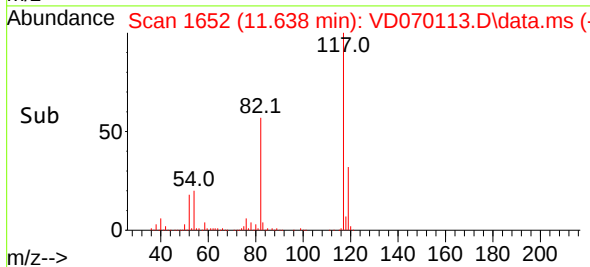
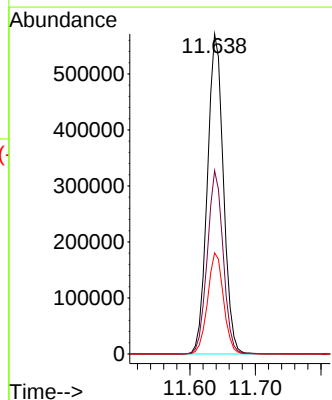
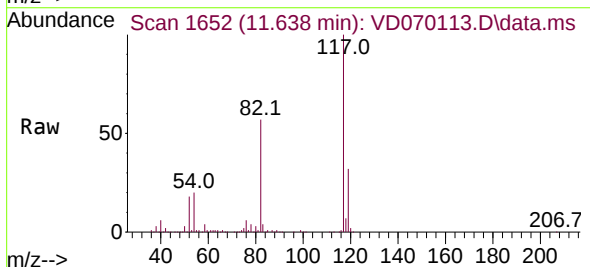
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

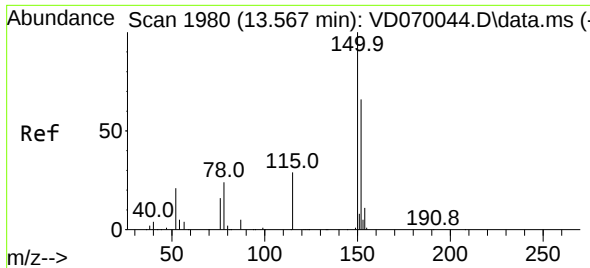
Tgt Ion: 95 Resp: 395029
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.6
176 73.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 117 Resp: 970554
Ion Ratio Lower Upper
117 100
82 57.3 47.5 71.3
119 31.6 25.1 37.7

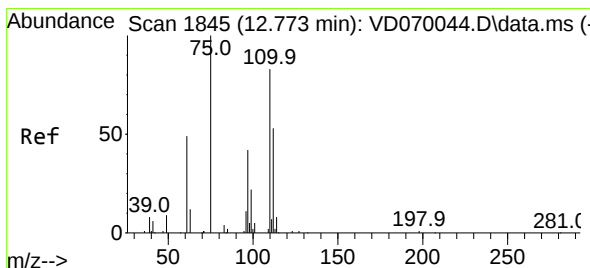
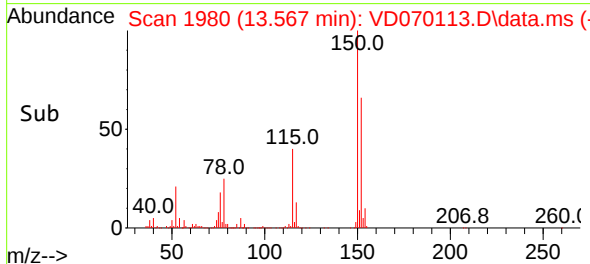
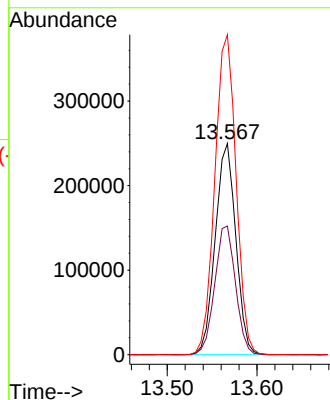
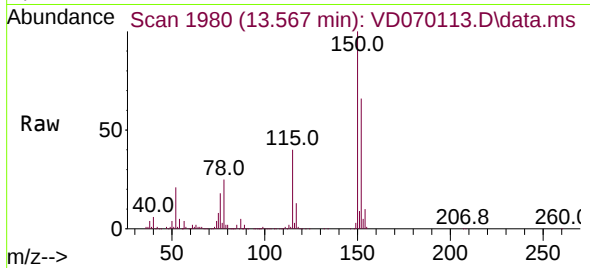




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

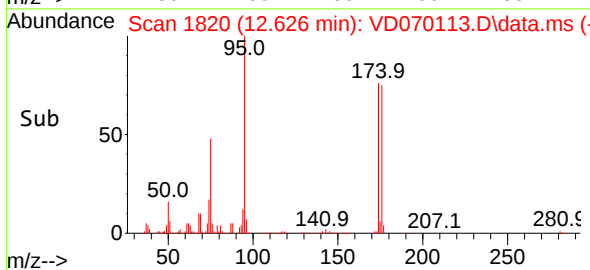
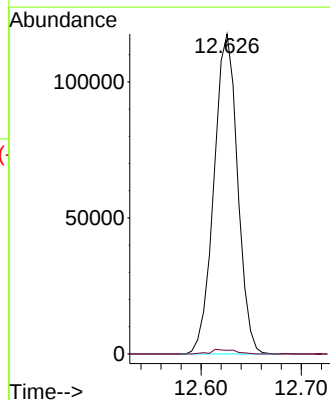
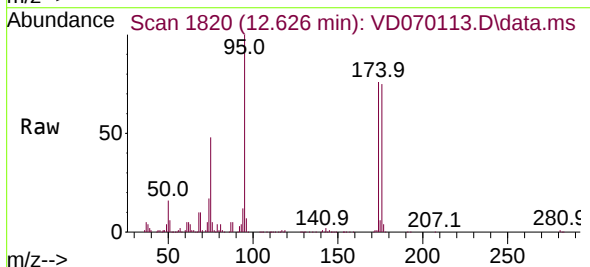
Instrument :
MSVOA_D
ClientSampleId :
SWCS-09-0002

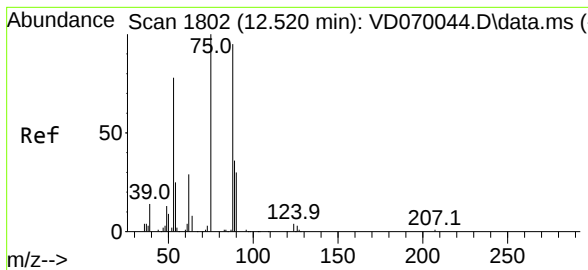
Tgt Ion:152 Resp: 397785
Ion Ratio Lower Upper
152 100
115 61.6 31.2 93.6
150 156.2 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.720 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070113.D
Acq: 18 Aug 2021 05:03

Tgt Ion: 75 Resp: 192507
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 123.864 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070113.D
 Acq: 18 Aug 2021 05:03

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-09-0002

Tgt Ion: 75 Resp: 192507
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.1 33.7 50.5#

