

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070068.D
 Acq On : 16 Aug 2021 15:51
 Operator : VA/SY
 Sample : M3368-19
 Misc : 5.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-05-0510

Quant Time: Aug 17 03:56:36 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

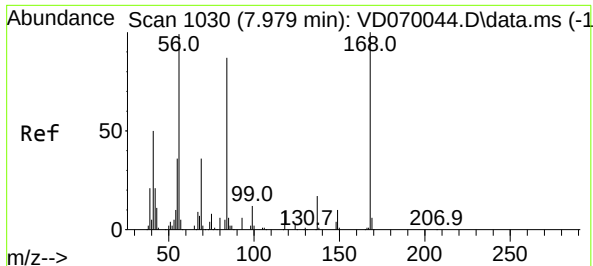
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	424304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	862622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	847854	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	366907	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	330727	66.272	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 132.540%	
35) Dibromofluoromethane	7.914	113	302838	54.339	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.680%	
50) Toluene-d8	10.337	98	1120098	51.674	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.340%	
62) 4-Bromofluorobenzene	12.626	95	368855	51.663	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.320%	
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	1089	Below Cal	#	59
3) Chloromethane	2.208	50	2443	Below Cal	#	77
5) Bromomethane	2.779	94	3549	Below Cal	#	79
11) Tert butyl alcohol	5.226	59	1026	3.720	ug/l #	71
16) Acetone	4.161	43	99958	108.729	ug/l	98
17) Carbon Disulfide	4.402	76	52201	2.864	ug/l	99
20) Methylene Chloride	4.961	84	6540	Below Cal	#	84
25) 2-Butanone	7.214	43	27831	22.155	ug/l	94
31) Cyclohexane	7.979	56	12379	1.253	ug/l #	1
37) Ethyl Acetate	7.214	43	27831	8.257	ug/l #	71
38) Carbon Tetrachloride	7.973	117	46567	5.527	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	182152	48.953	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	182152	127.065	ug/l #	18

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

Quant Time: Aug 17 03:56:36 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

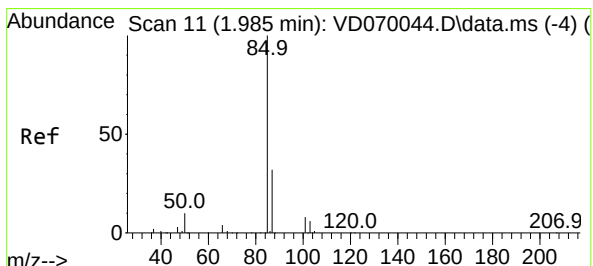
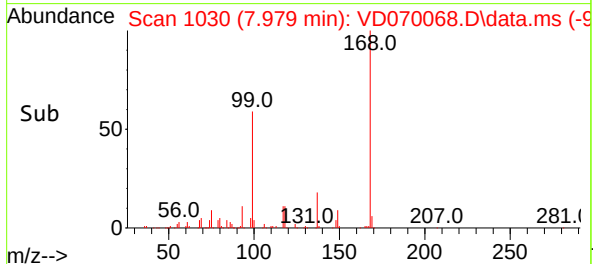
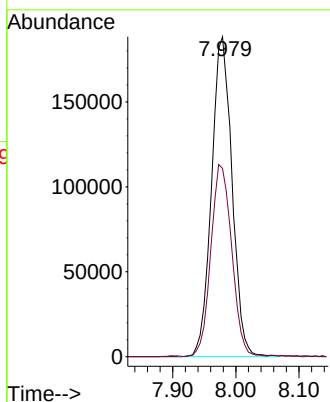
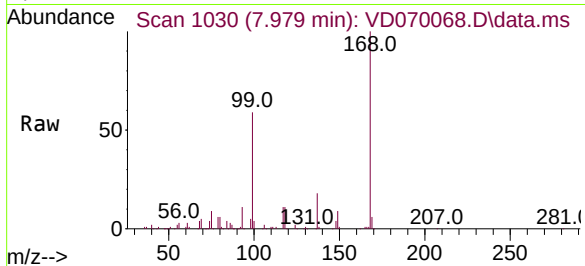




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

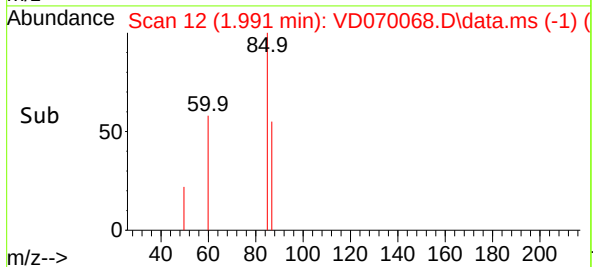
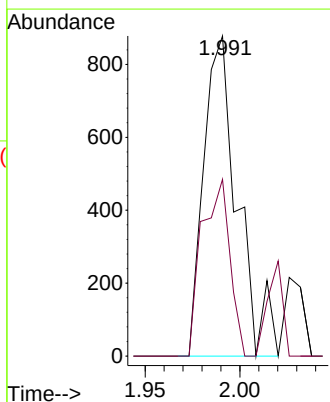
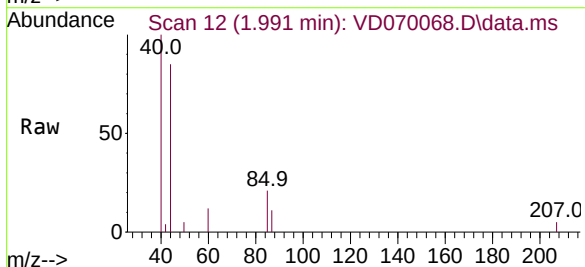
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

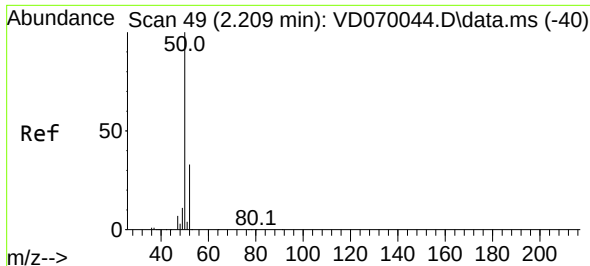
Tgt Ion:168 Resp: 424304
Ion Ratio Lower Upper
168 100
99 58.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 85 Resp: 1089
Ion Ratio Lower Upper
85 100
87 55.2 16.2 48.6#

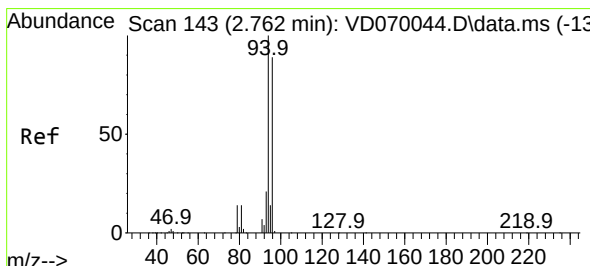
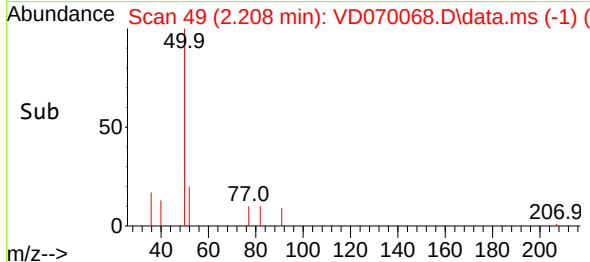
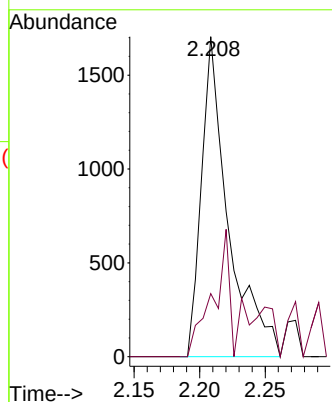
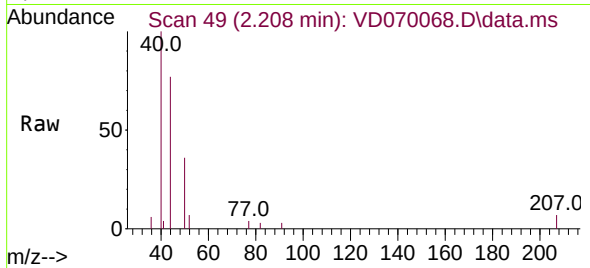




#3
Chloromethane
Concen: Below Cal
RT: 2.208 min Scan# 49
Delta R.T. -0.001 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

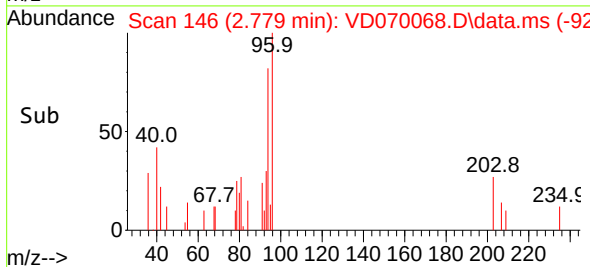
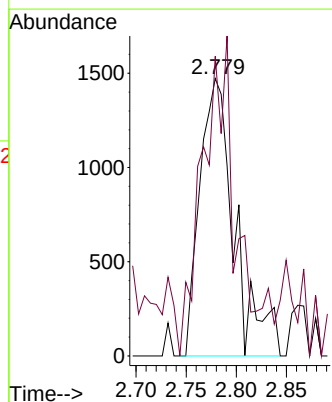
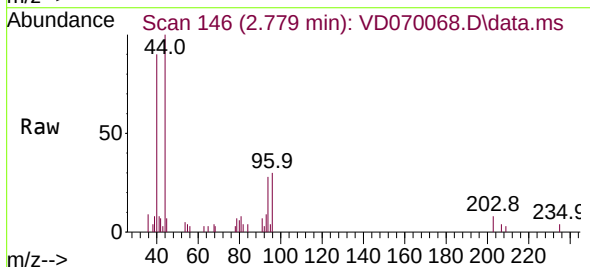
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

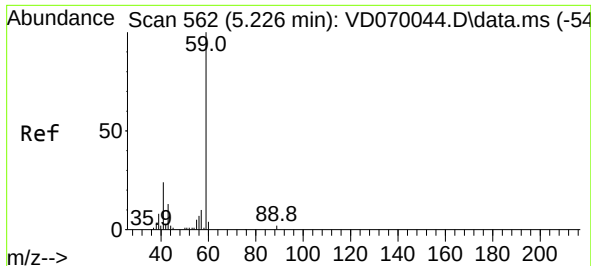
Tgt Ion: 50 Resp: 2443
Ion Ratio Lower Upper
50 100
52 19.7 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 94 Resp: 3549
Ion Ratio Lower Upper
94 100
96 108.0 70.9 106.3#



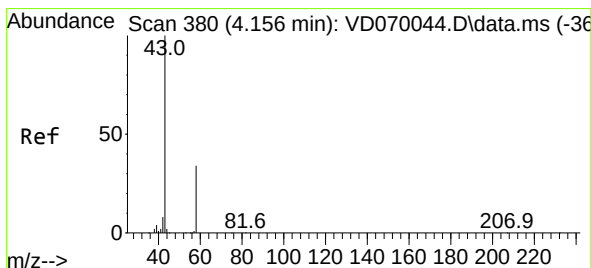
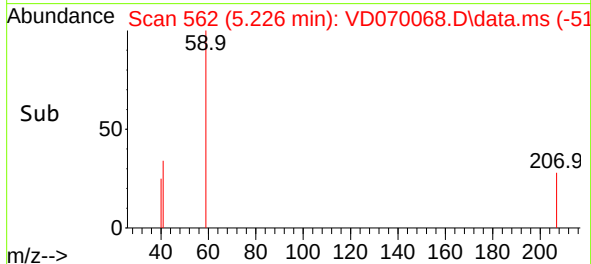
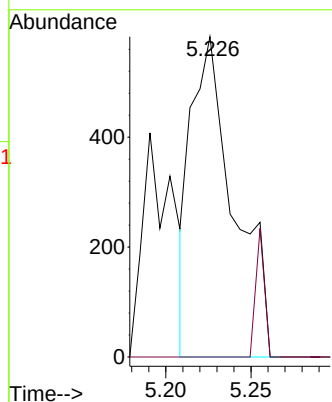
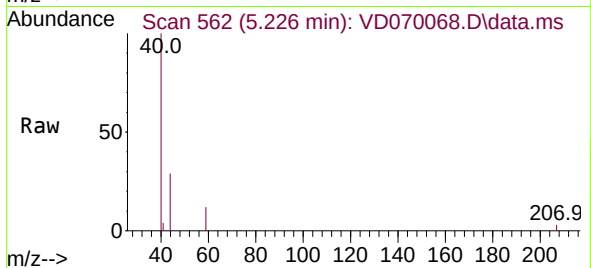


#11

Tert butyl alcohol
Concen: 3.720 ug/l
RT: 5.226 min Scan# 562
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

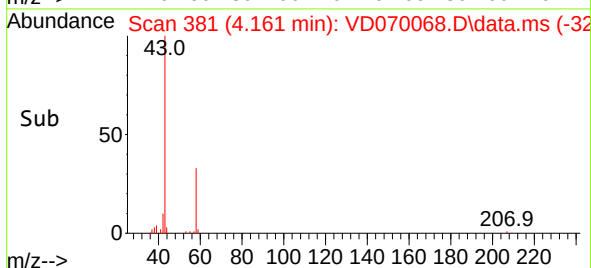
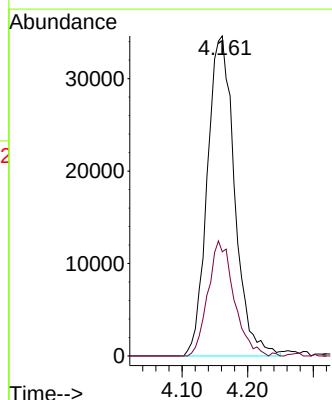
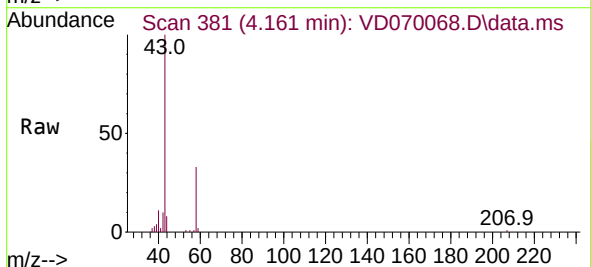
Tgt Ion: 59 Resp: 1026
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

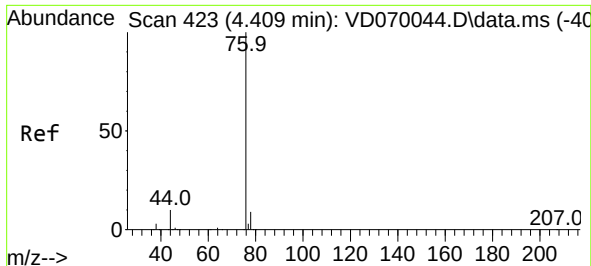


#16

Acetone
Concen: 108.729 ug/l
RT: 4.161 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 43 Resp: 99958
Ion Ratio Lower Upper
43 100
58 32.5 26.8 40.2

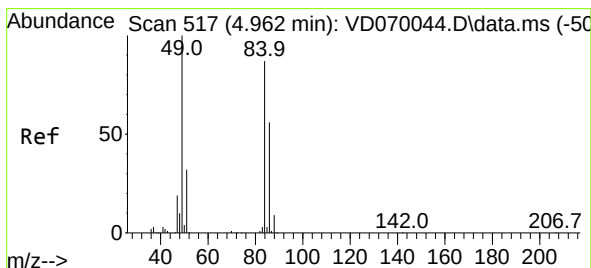
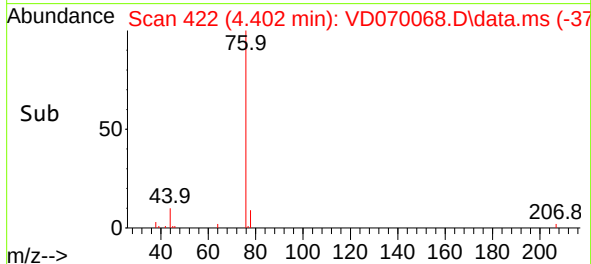
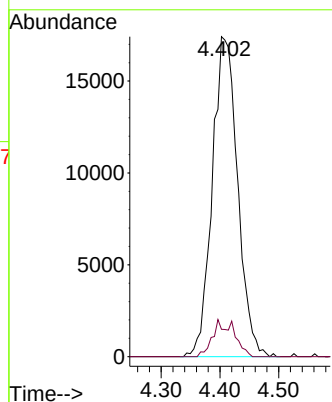
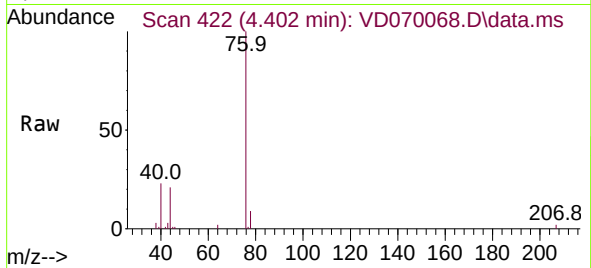




#17
Carbon Disulfide
Concen: 2.864 ug/l
RT: 4.402 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

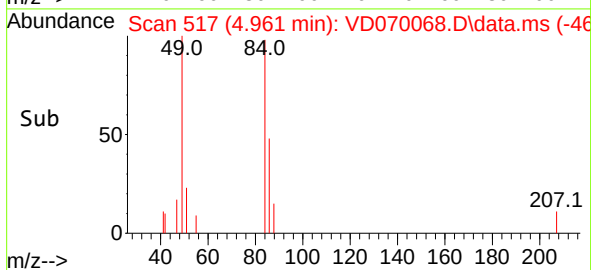
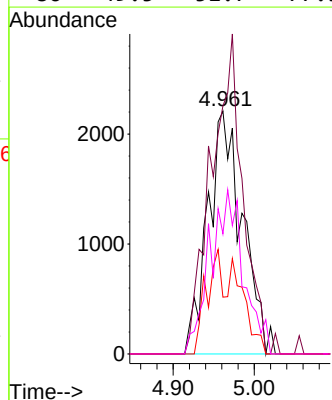
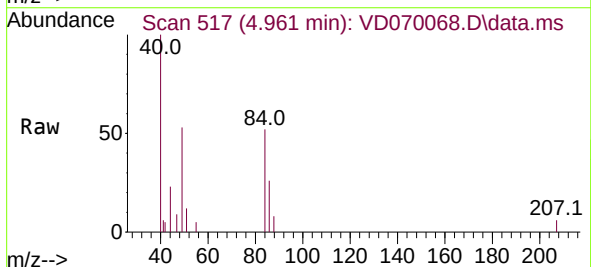
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

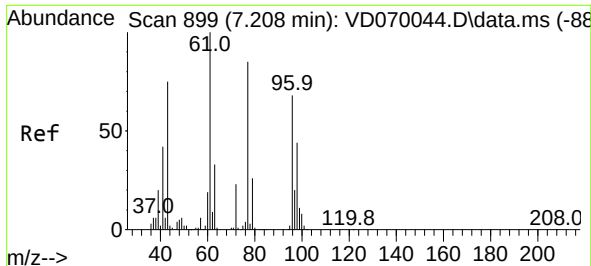
Tgt Ion: 76 Resp: 52201
Ion Ratio Lower Upper
76 100
78 8.5 7.1 10.7



#20
Methylene Chloride
Concen: Below Cal
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

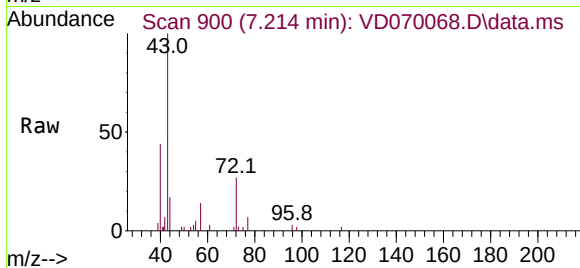
Tgt Ion: 84 Resp: 6540
Ion Ratio Lower Upper
84 100
49 102.2 92.5 138.7
51 23.4 29.7 44.5#
86 49.5 51.7 77.5#



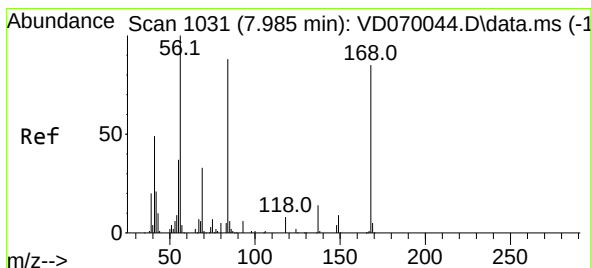
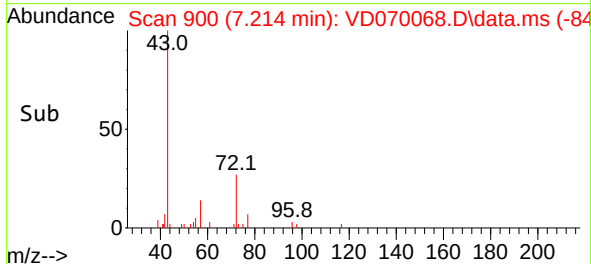
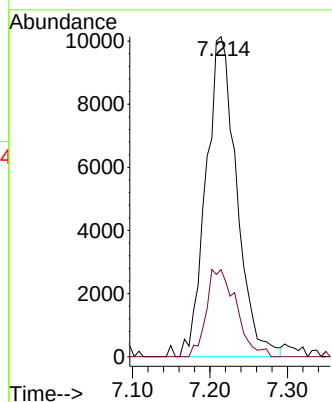


#25
2-Butanone
Concen: 22.155 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

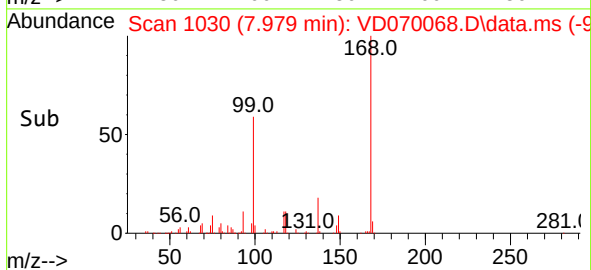
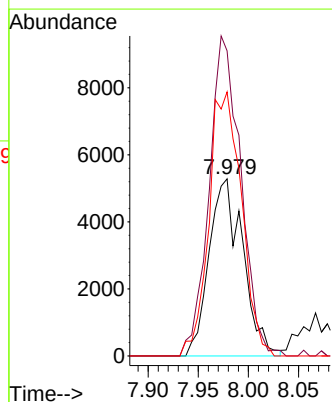
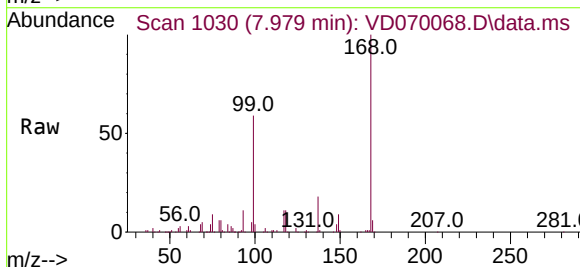


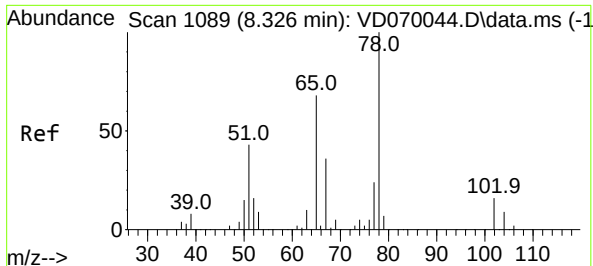
Tgt Ion: 43 Resp: 27831
Ion Ratio Lower Upper
43 100
72 27.2 24.2 36.4



#31
Cyclohexane
Concen: 1.253 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 56 Resp: 12379
Ion Ratio Lower Upper
56 100
69 172.3 26.7 40.1#
84 153.3 70.4 105.6#

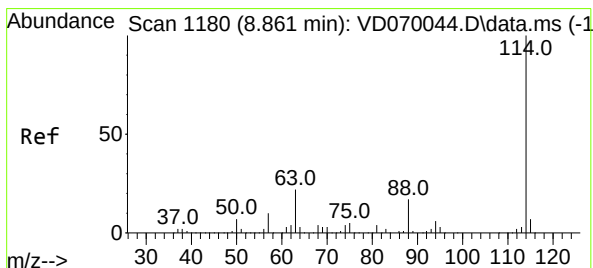
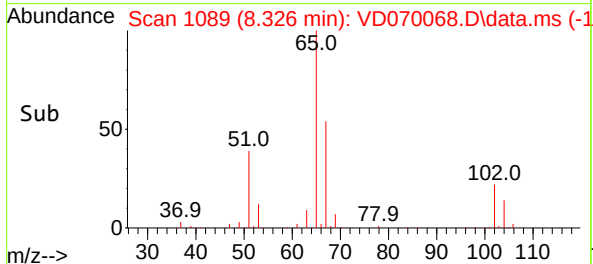
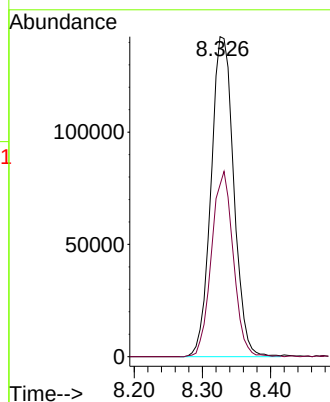
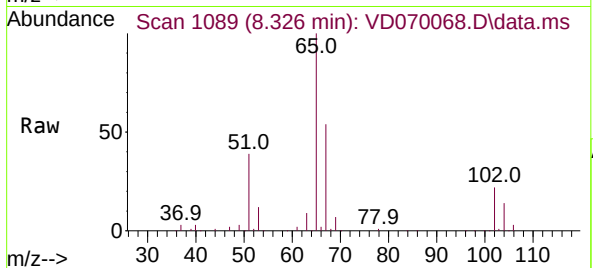




#33
1,2-Dichloroethane-d4
Concen: 66.272 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

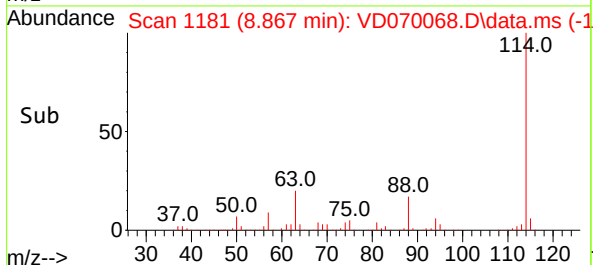
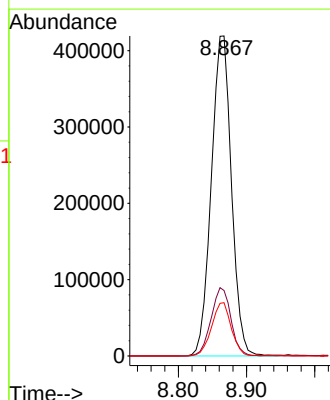
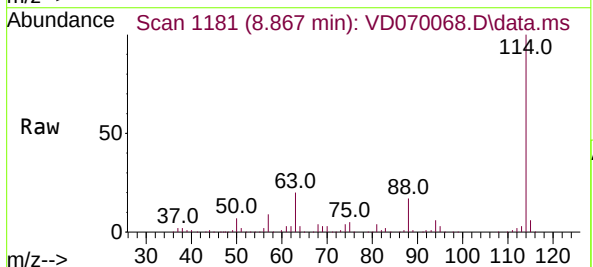
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SWCS-05-0510

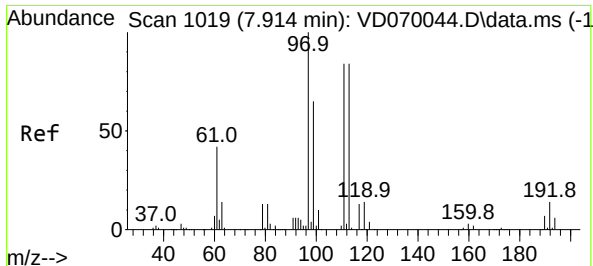
Tgt Ion: 65 Resp: 330727
Ion Ratio Lower Upper
65 100
67 55.5 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 114 Resp: 862622
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 16.6 0.0 33.4





#35

Dibromofluoromethane

Concen: 54.339 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070068.D

Acq: 16 Aug 2021 15:51

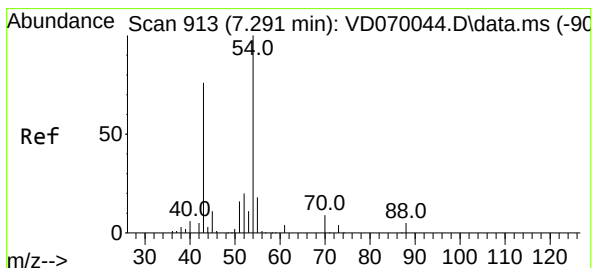
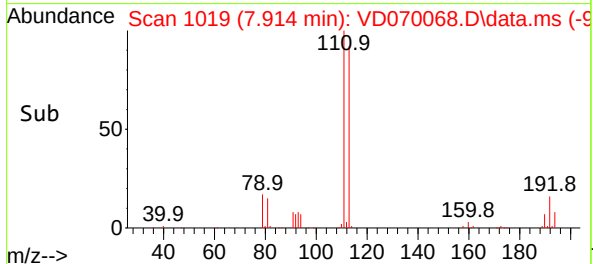
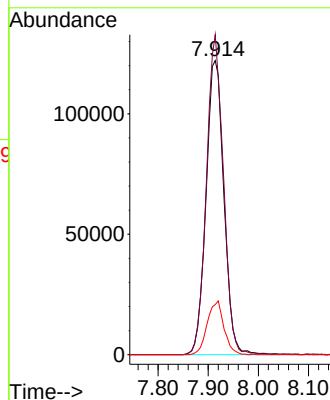
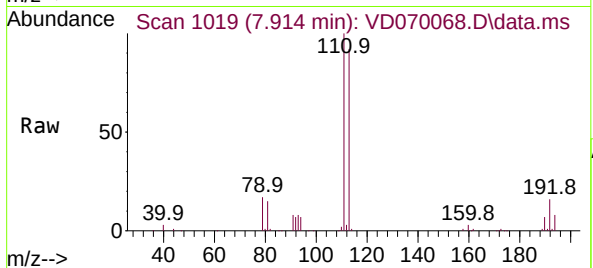
Tgt Ion:113 Resp: 302838

Ion Ratio Lower Upper

113 100

111 103.5 81.8 122.6

192 17.0 13.2 19.8



#37

Ethyl Acetate

Concen: 8.257 ug/l

RT: 7.214 min Scan# 900

Delta R.T. -0.077 min

Lab File: VD070068.D

Acq: 16 Aug 2021 15:51

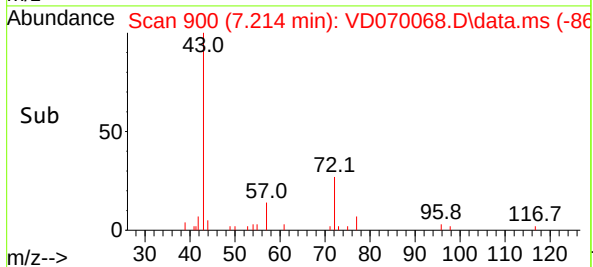
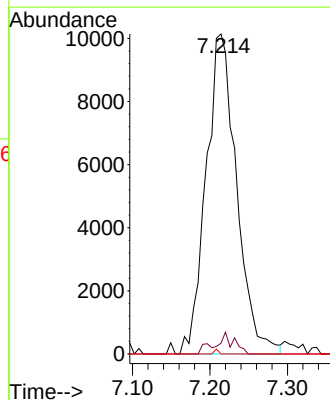
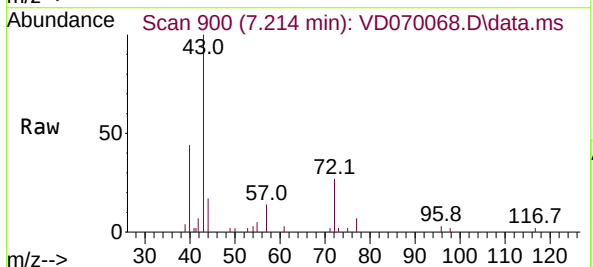
Tgt Ion: 43 Resp: 27831

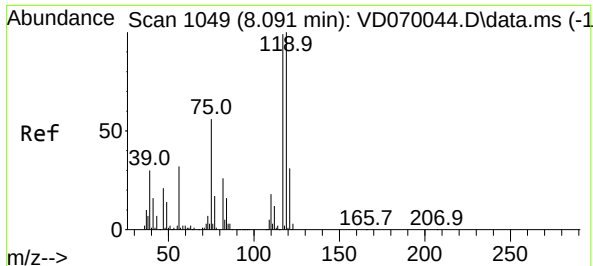
Ion Ratio Lower Upper

43 100

61 3.0 11.8 17.6#

70 0.2 9.0 13.6#

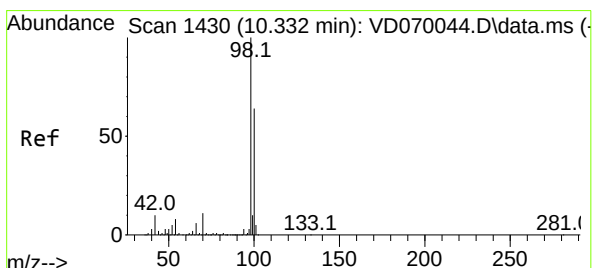
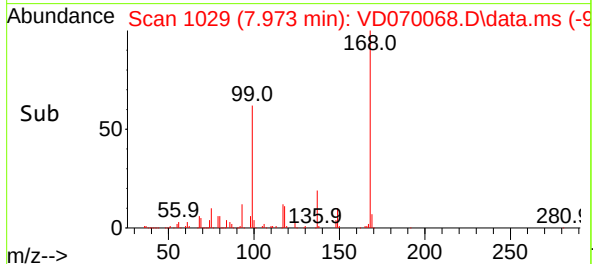
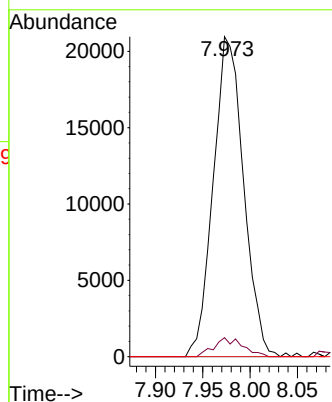
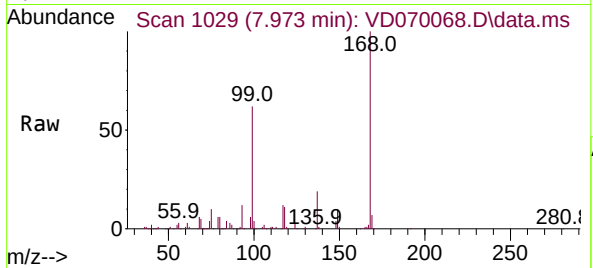




#38
Carbon Tetrachloride
Concen: 5.527 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

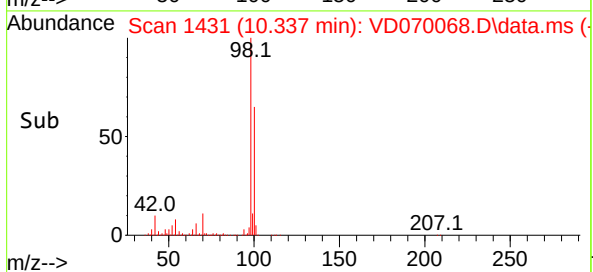
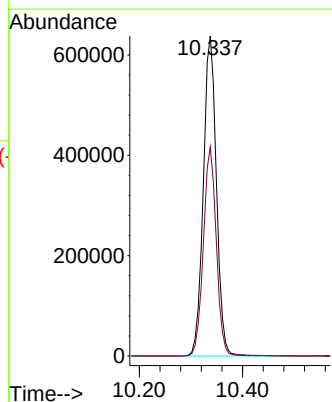
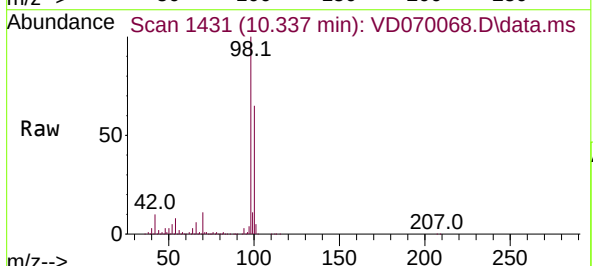
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

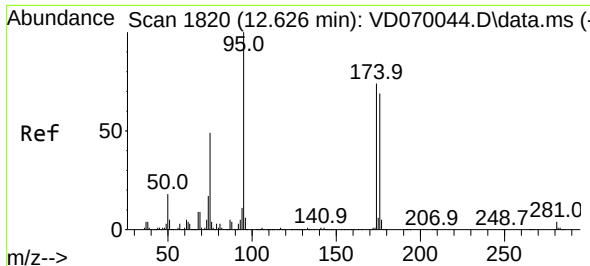
Tgt Ion:117 Resp: 46567
Ion Ratio Lower Upper
117 100
119 5.9 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.674 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 98 Resp: 1120098
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8

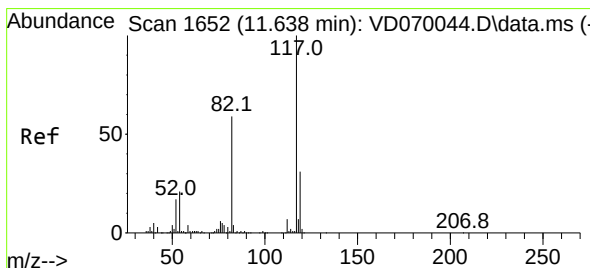
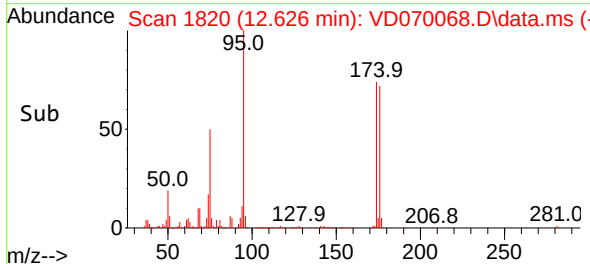
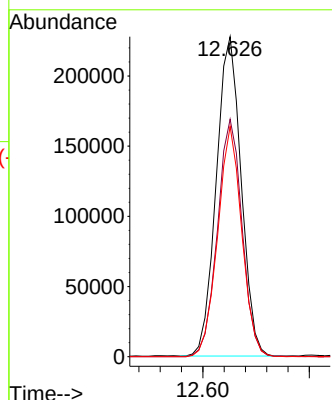
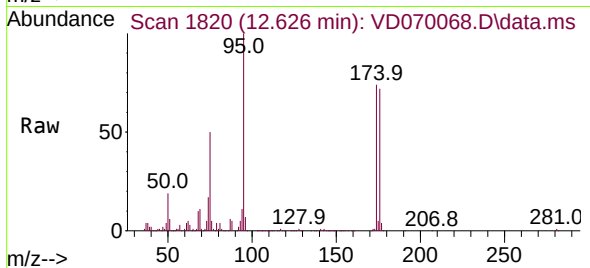




#62
4-Bromofluorobenzene
Concen: 51.663 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

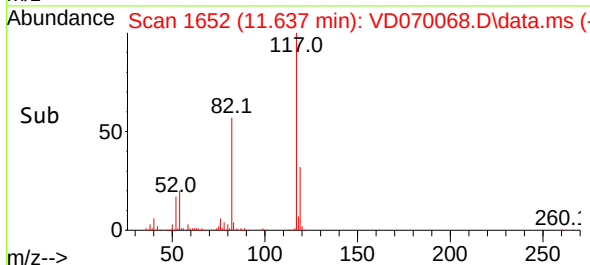
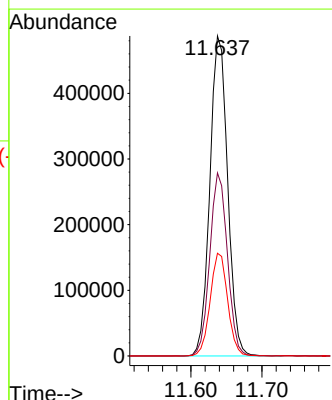
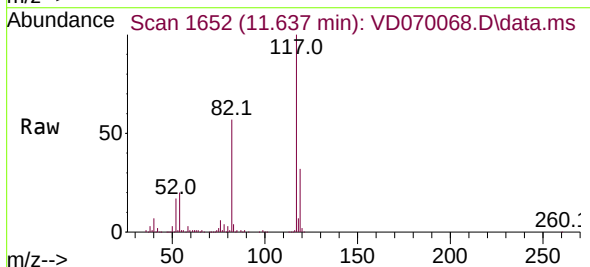
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

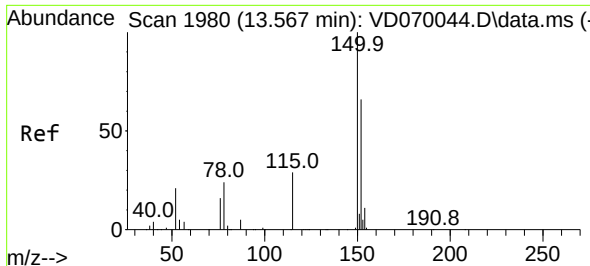
Tgt Ion: 95 Resp: 368855
Ion Ratio Lower Upper
95 100
174 73.5 0.0 141.6
176 69.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 117 Resp: 847854
Ion Ratio Lower Upper
117 100
82 57.2 47.5 71.3
119 32.1 25.1 37.7

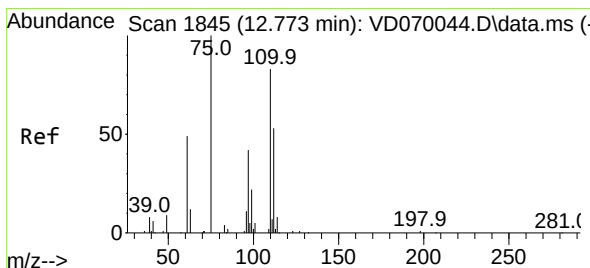
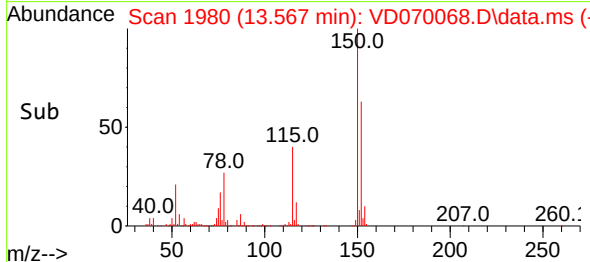
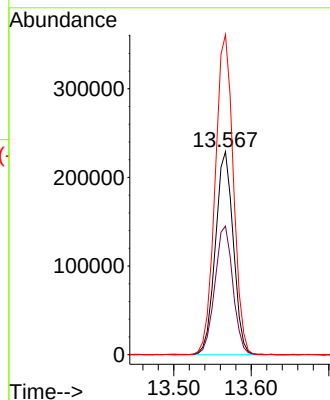
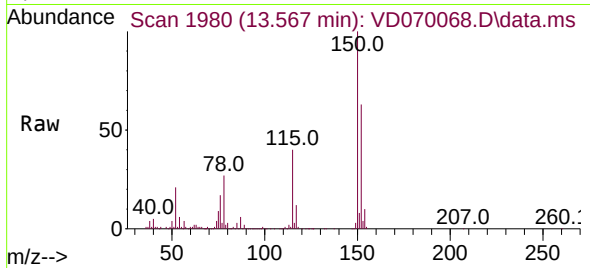




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

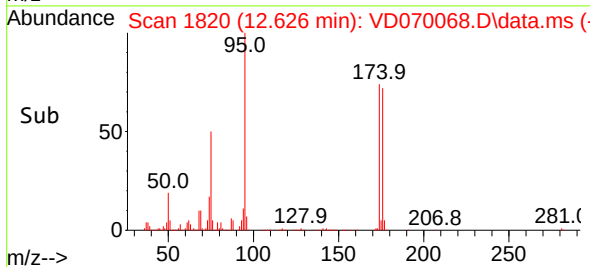
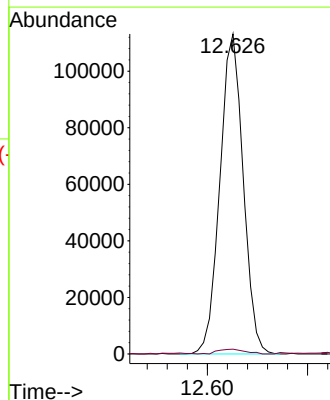
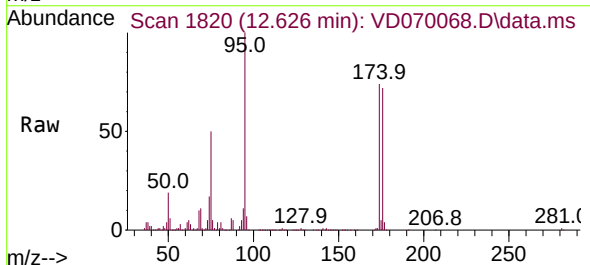
Instrument :
MSVOA_D
ClientSampleId :
SWCS-05-0510

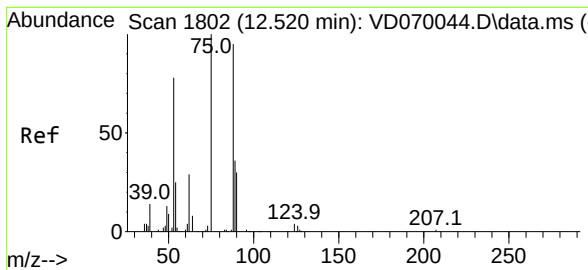
Tgt Ion:152 Resp: 366907
Ion Ratio Lower Upper
152 100
115 64.0 31.2 93.6
150 160.6 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 48.953 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070068.D
Acq: 16 Aug 2021 15:51

Tgt Ion: 75 Resp: 182152
Ion Ratio Lower Upper
75 100
77 1.8 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 127.065 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070068.D
 Acq: 16 Aug 2021 15:51

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-05-0510

Tgt Ion: 75 Resp: 182152
 Ion Ratio Lower Upper
 75 100
 53 0.6 64.5 96.7#
 89 0.0 33.7 50.5#

