

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070096.D
 Acq On : 17 Aug 2021 19:01
 Operator : VA/SY
 Sample : M3390-09
 Misc : 4.88G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

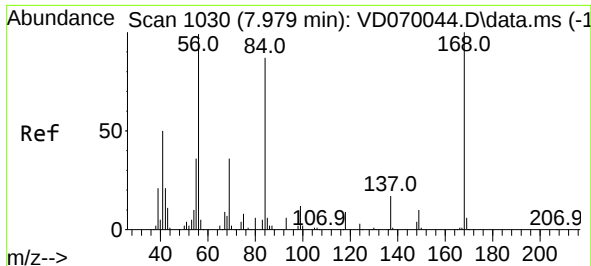
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-08-0510

Quant Time: Aug 18 03:08:03 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	509143	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1054602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1026145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	432509	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	361407	60.352	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.700%
35) Dibromofluoromethane	7.914	113	354759	52.068	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.140%
50) Toluene-d8	10.338	98	1381059	52.115	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.220%
62) 4-Bromofluorobenzene	12.626	95	423847	48.559	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.120%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.997	85	97	Below Cal	#	42
3) Chloromethane	2.209	50	819	Below Cal		93
5) Bromomethane	2.779	94	2193	Below Cal		86
11) Tert butyl alcohol	5.232	59	963	2.909	ug/l #	71
16) Acetone	4.167	43	1769	1.604	ug/l	90
20) Methylene Chloride	4.950	84	2647	Below Cal	#	88
31) Cyclohexane	7.973	56	11923	1.006	ug/l #	1
36) 1,1-Dichloropropene	7.979	75	47616	4.197	ug/l #	48
38) Carbon Tetrachloride	7.973	117	54236	5.266	ug/l #	15
51) 4-Methyl-2-Pentanone	10.338	43	5709	1.427	ug/l #	1
76) 1,2,3-Trichloropropane	12.626	75	207174	47.233	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	207174	122.599	ug/l #	18

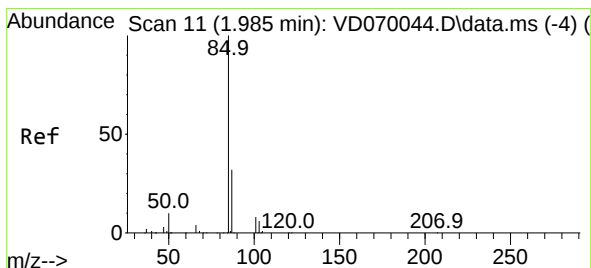
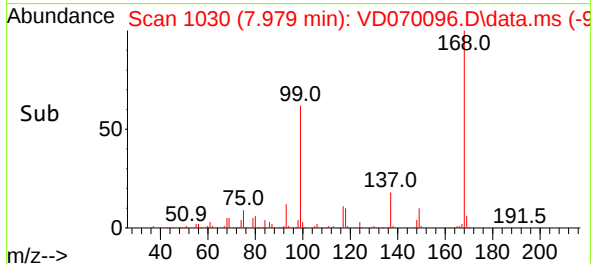
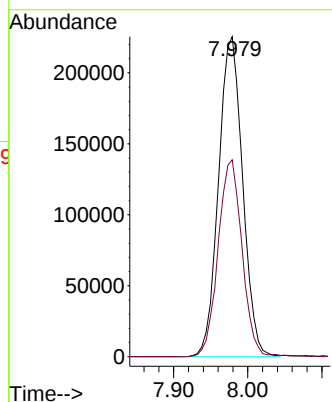
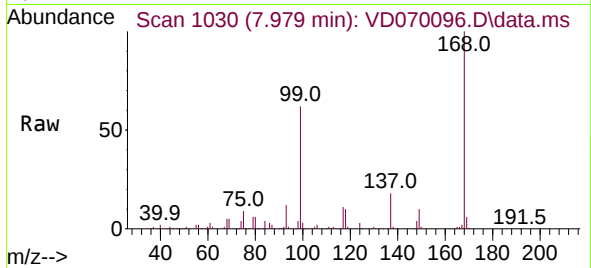
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

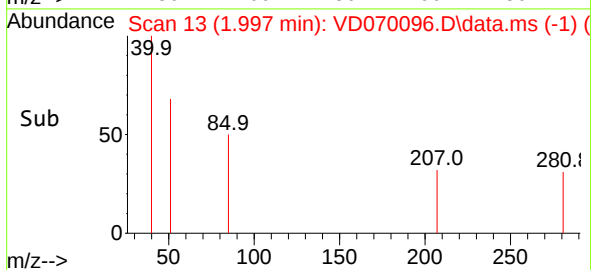
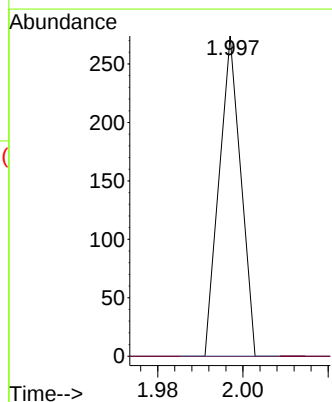
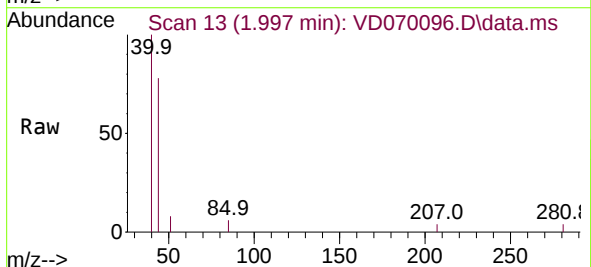
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

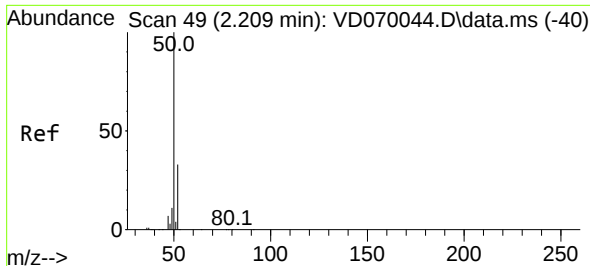
Tgt Ion:168 Resp: 509143
Ion Ratio Lower Upper
168 100
99 61.5 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.997 min Scan# 13
Delta R.T. 0.012 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 85 Resp: 97
Ion Ratio Lower Upper
85 100
87 0.0 16.2 48.6#

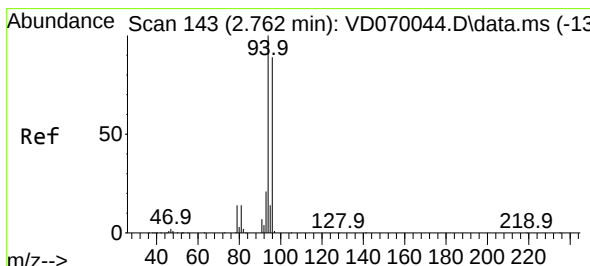
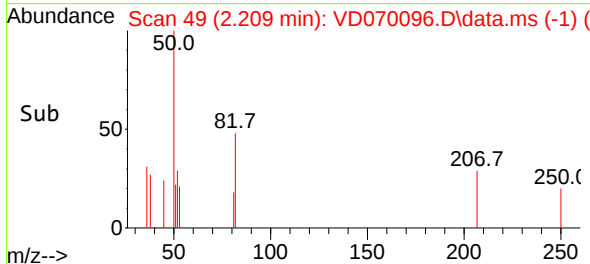
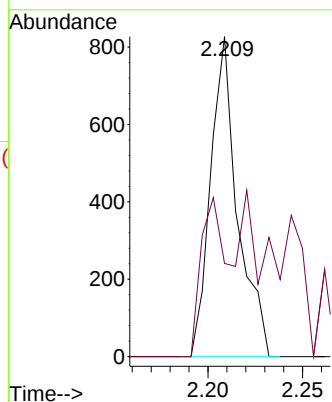
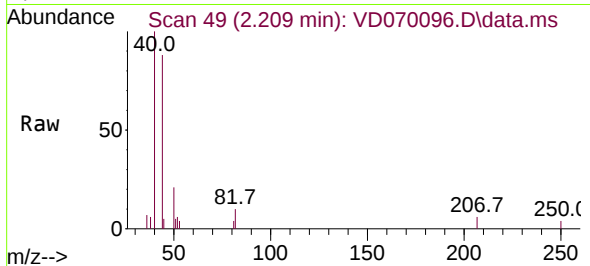




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

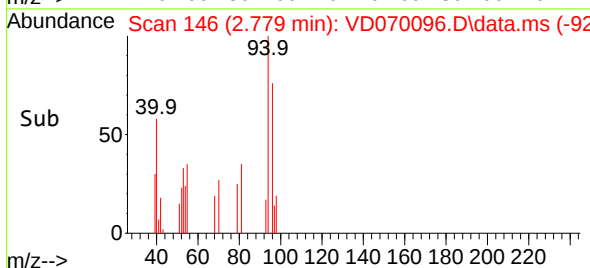
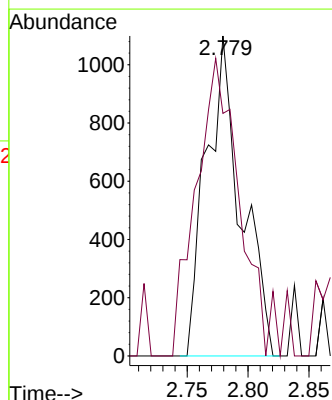
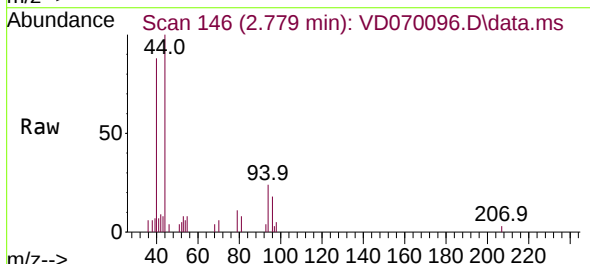
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

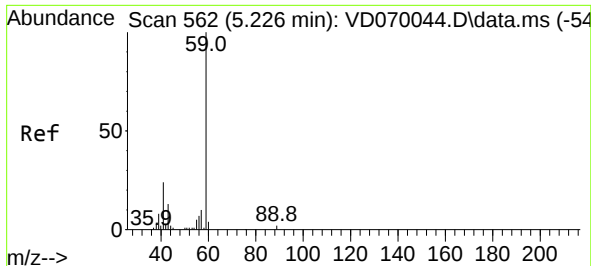
Tgt Ion: 50 Resp: 819
Ion Ratio Lower Upper
50 100
52 29.1 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 94 Resp: 2193
Ion Ratio Lower Upper
94 100
96 75.8 70.9 106.3



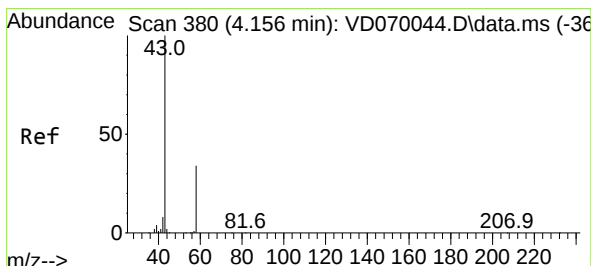
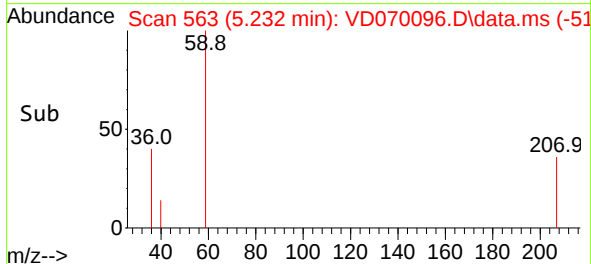
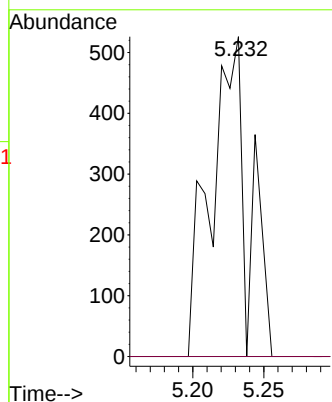
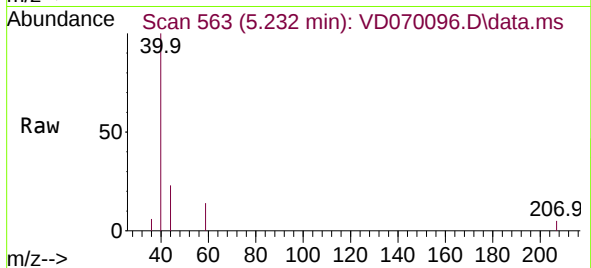


#11

Tert butyl alcohol
Concen: 2.909 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

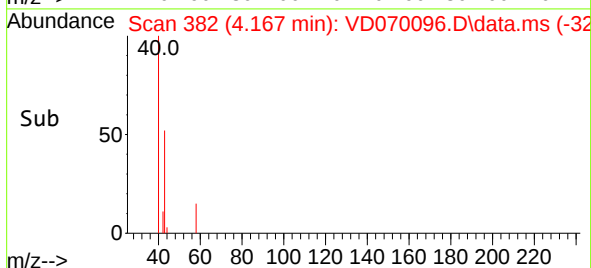
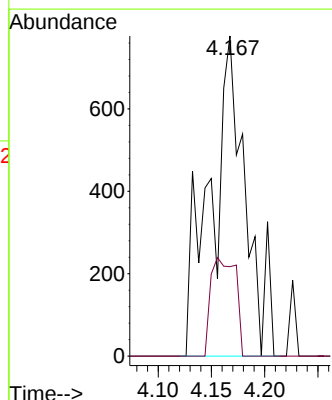
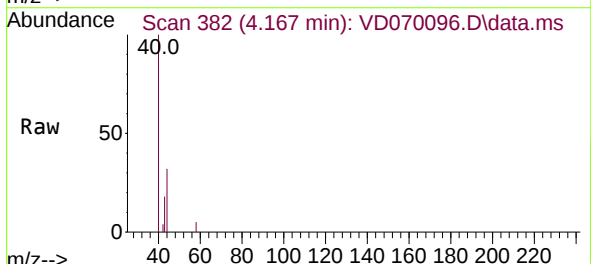
Tgt Ion: 59 Resp: 963
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

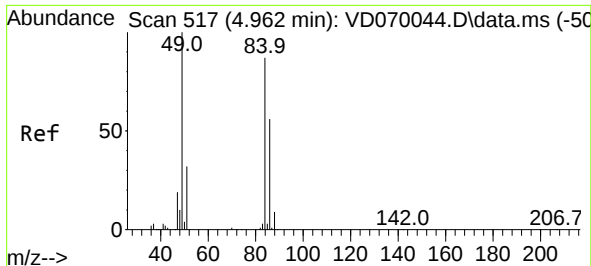


#16

Acetone
Concen: 1.604 ug/l
RT: 4.167 min Scan# 382
Delta R.T. 0.012 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

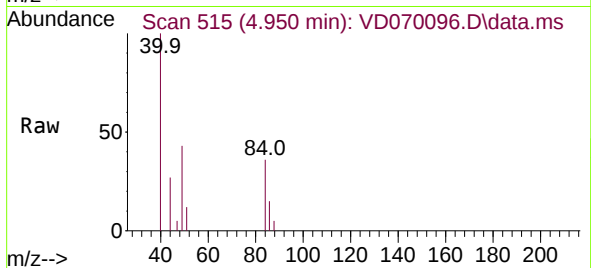
Tgt Ion: 43 Resp: 1769
Ion Ratio Lower Upper
43 100
58 27.9 26.8 40.2



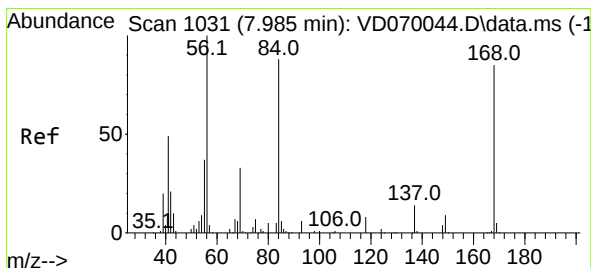
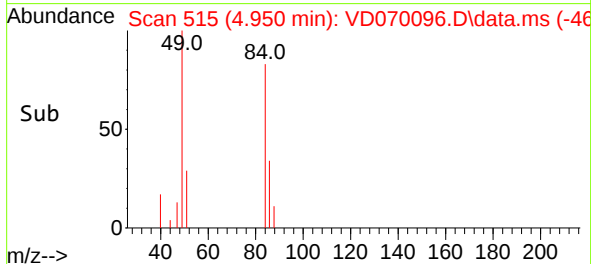
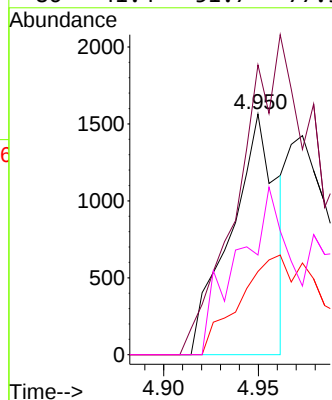


#20
Methylene Chloride
Concen: Below Cal
RT: 4.950 min Scan# 515
Delta R.T. -0.012 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

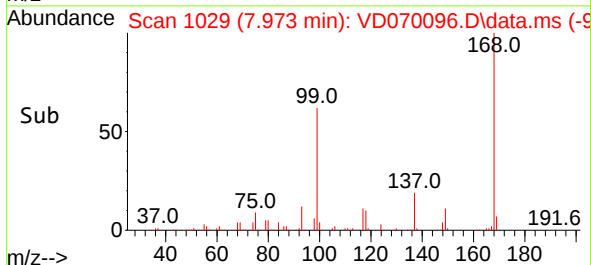
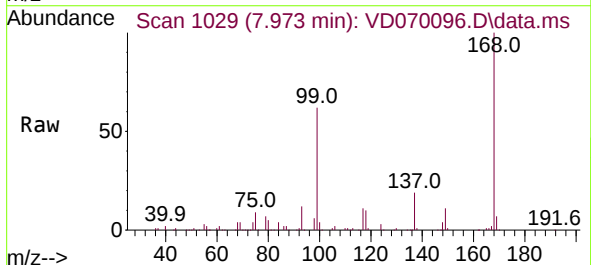
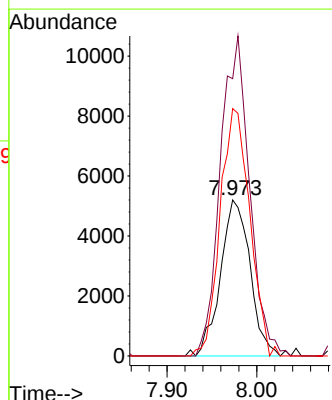


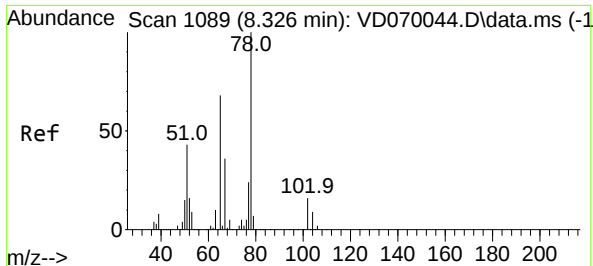
Tgt Ion:	84	Resp:	2647
Ion	Ratio	Lower	Upper
84	100		
49	120.5	92.5	138.7
51	34.6	29.7	44.5
86	41.4	51.7	77.5#



#31
Cyclohexane
Concen: 1.006 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.012 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion:	56	Resp:	11923
Ion	Ratio	Lower	Upper
56	100		
69	177.7	26.7	40.1#
84	158.6	70.4	105.6#

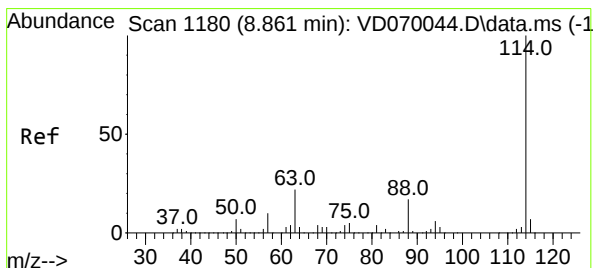
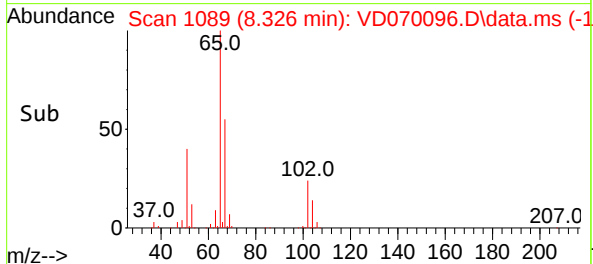
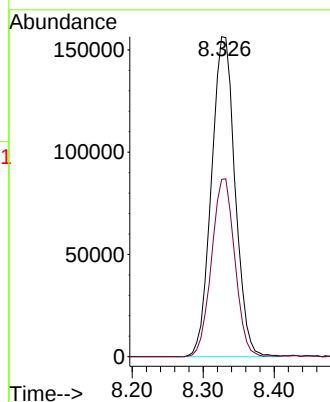
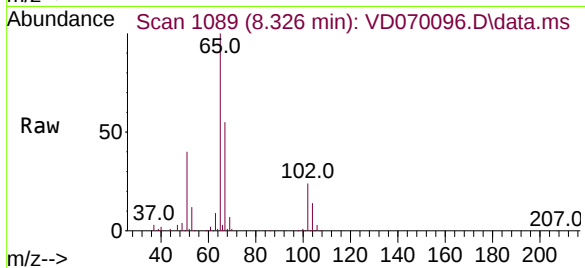




#33
1,2-Dichloroethane-d4
Concen: 60.352 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

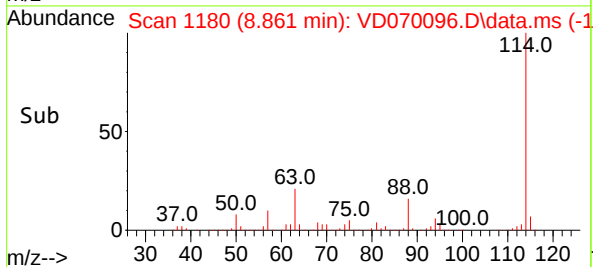
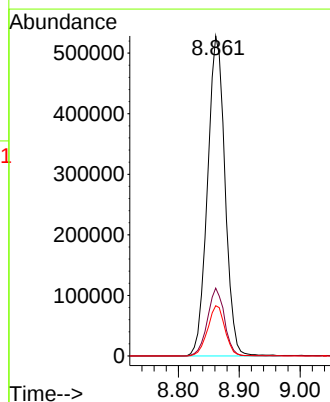
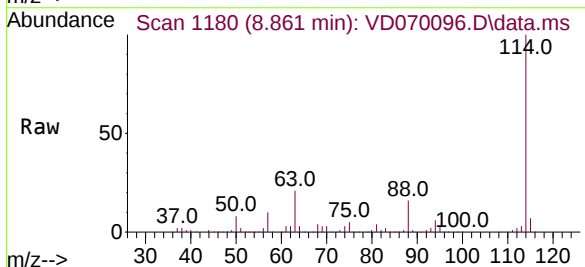
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

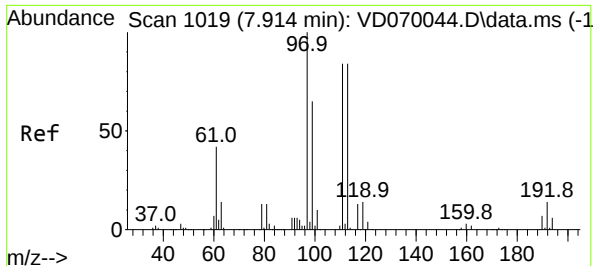
Tgt Ion: 65 Resp: 361407
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 114 Resp: 1054602
Ion Ratio Lower Upper
114 100
63 21.2 0.0 43.6
88 15.7 0.0 33.4





#35

Dibromofluoromethane

Concen: 52.068 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. -0.000 min

Lab File: VD070096.D

Acq: 17 Aug 2021 19:01

Instrument :

MSVOA_D

ClientSampleId :

SWCS-08-0510

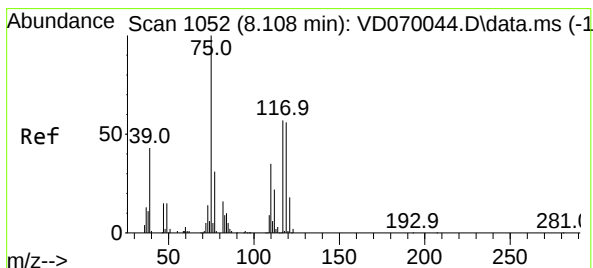
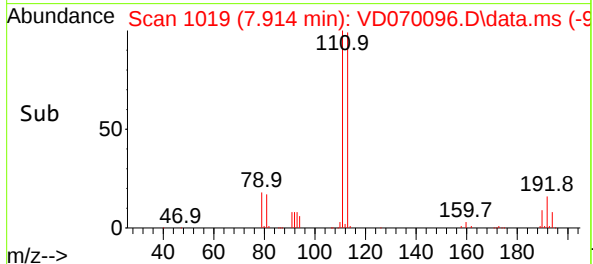
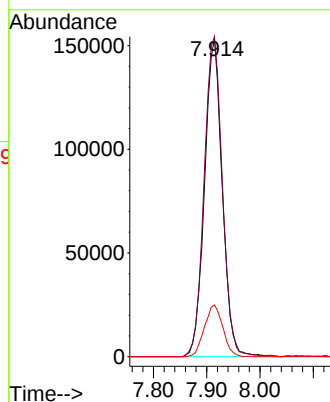
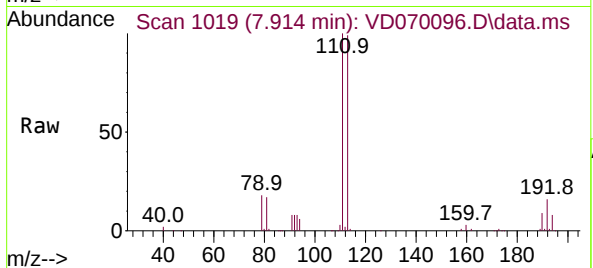
Tgt Ion:113 Resp: 354759

Ion Ratio Lower Upper

113 100

111 103.7 81.8 122.6

192 16.9 13.2 19.8



#36

1,1-Dichloropropene

Concen: 4.197 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.129 min

Lab File: VD070096.D

Acq: 17 Aug 2021 19:01

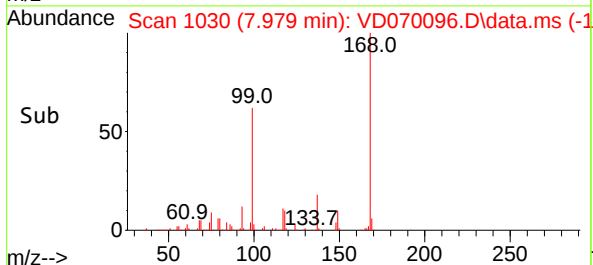
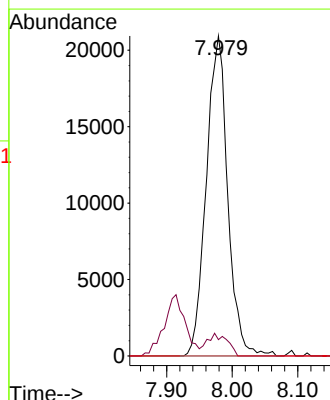
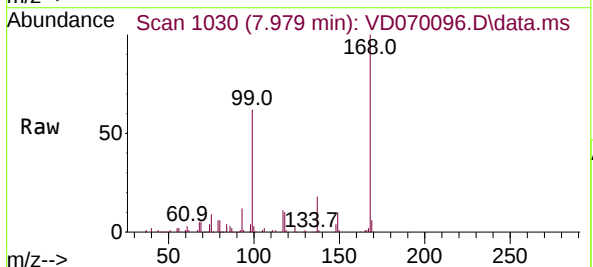
Tgt Ion: 75 Resp: 47616

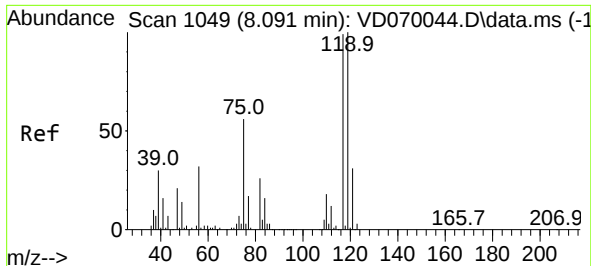
Ion Ratio Lower Upper

75 100

110 6.7 16.9 50.7#

77 0.0 25.2 37.8#

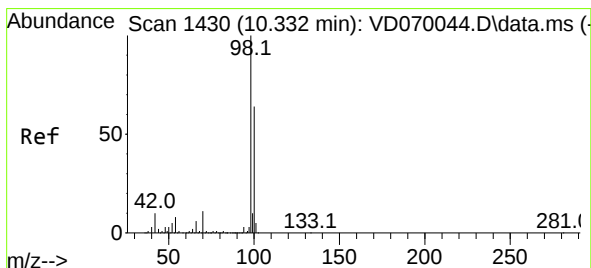
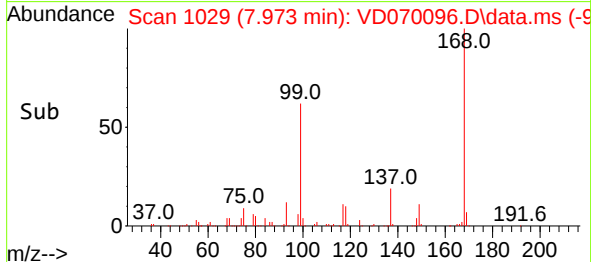
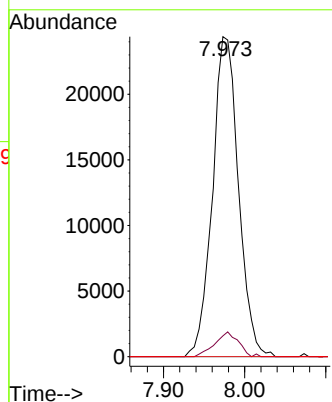
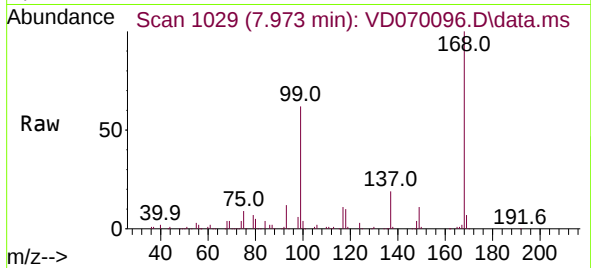




#38
Carbon Tetrachloride
Concen: 5.266 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

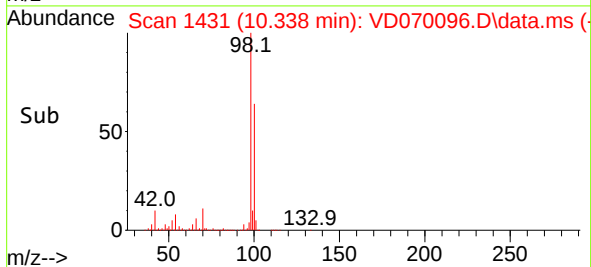
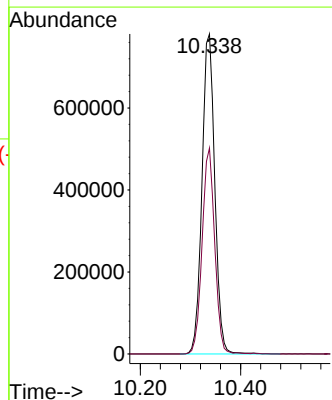
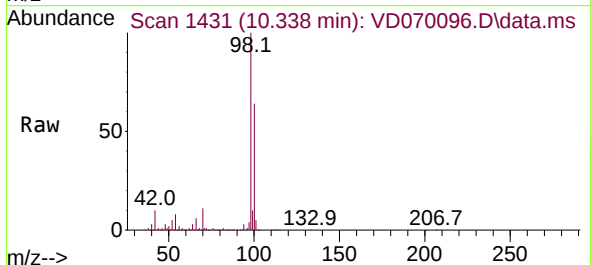
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

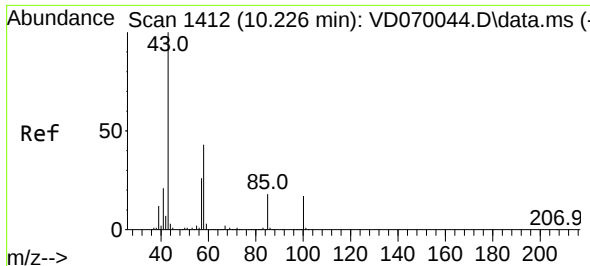
Tgt Ion:117 Resp: 54236
Ion Ratio Lower Upper
117 100
119 6.5 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 52.115 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 98 Resp: 1381059
Ion Ratio Lower Upper
98 100
100 63.3 52.6 78.8

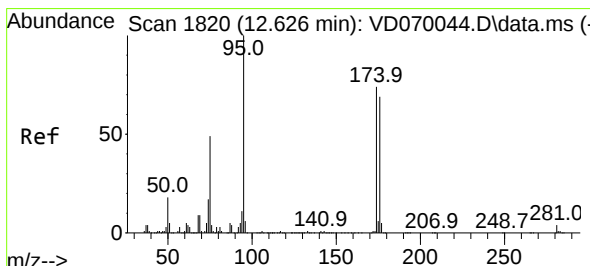
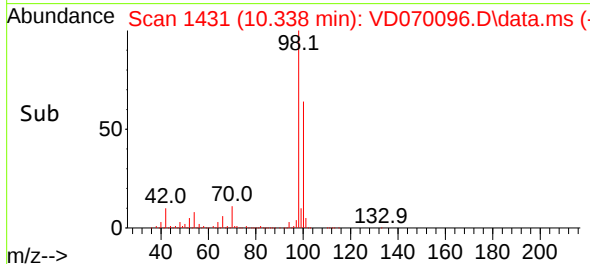
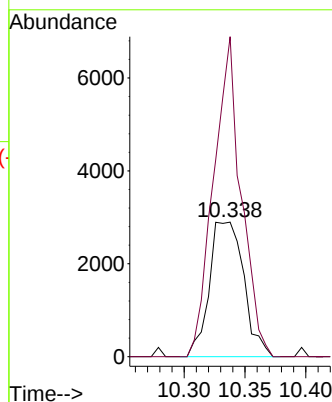
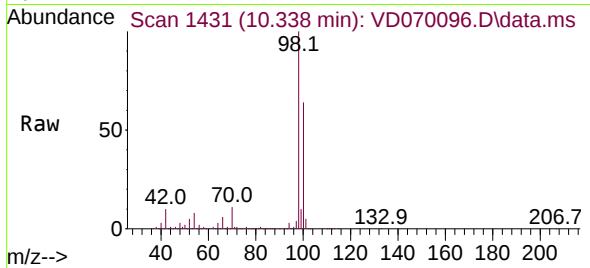




#51
4-Methyl-2-Pentanone
Concen: 1.427 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.112 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

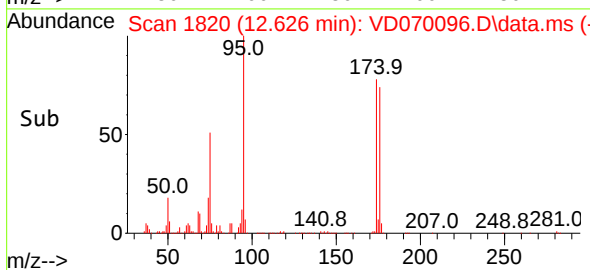
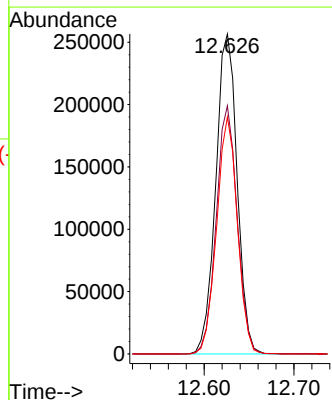
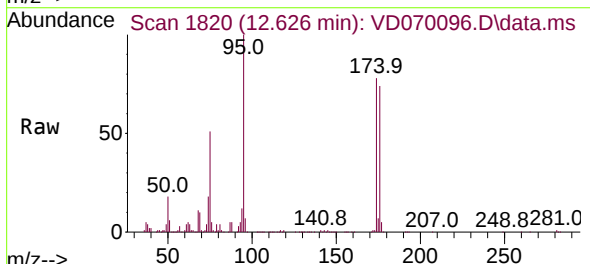
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

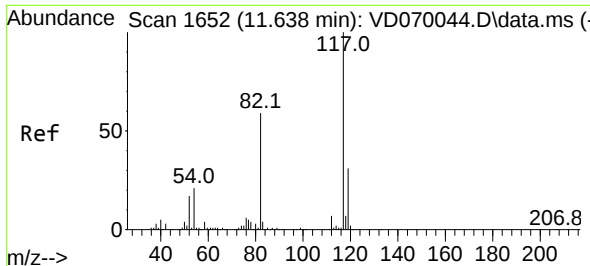
Tgt Ion: 43 Resp: 5709
Ion Ratio Lower Upper
43 100
58 191.4 33.9 50.9#



#62
4-Bromofluorobenzene
Concen: 48.559 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 95 Resp: 423847
Ion Ratio Lower Upper
95 100
174 76.3 0.0 141.6
176 71.9 0.0 138.2

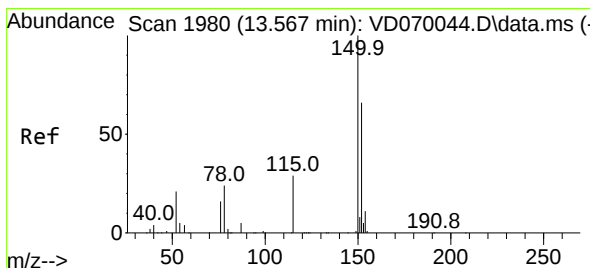
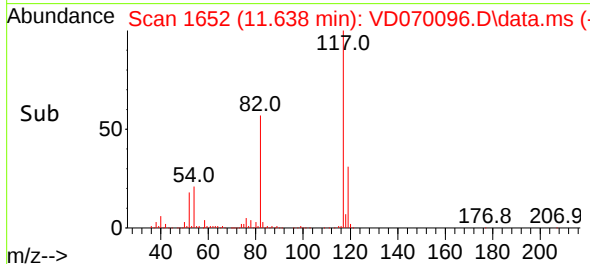
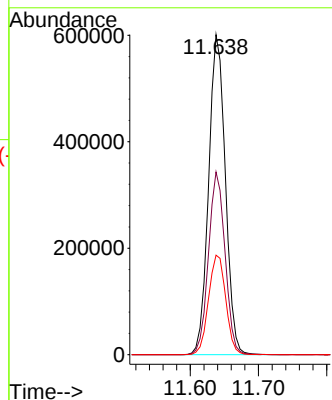
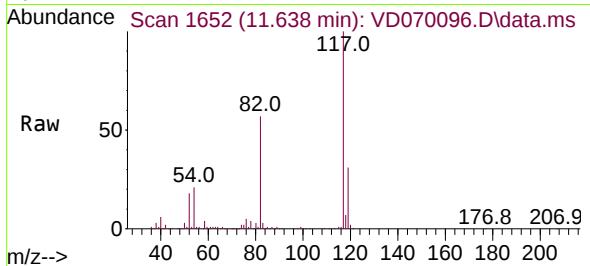




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

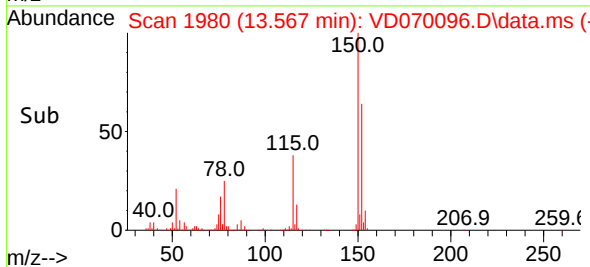
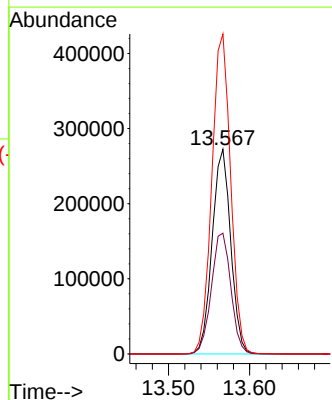
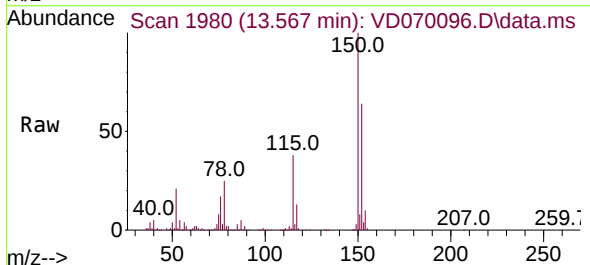
Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

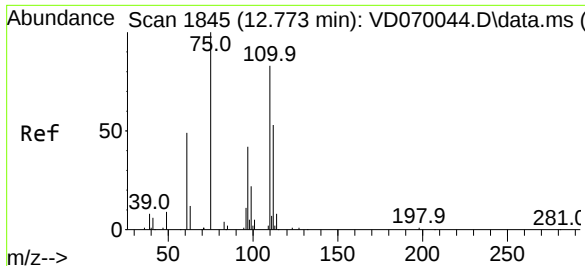
Tgt Ion:117 Resp: 1026145
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 31.1 25.1 37.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion:152 Resp: 432509
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 158.2 0.0 352.0

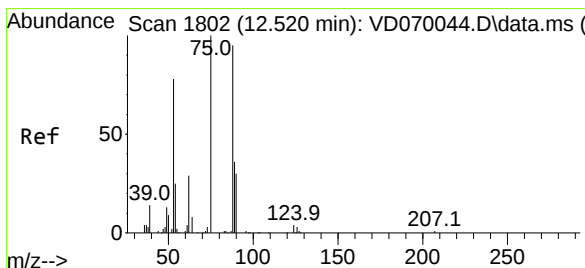
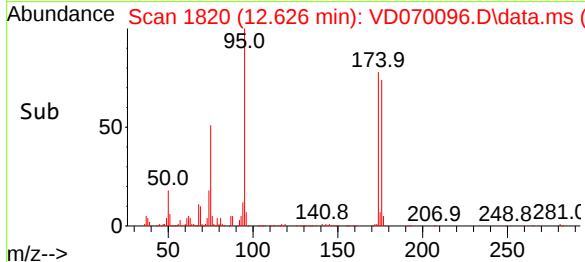
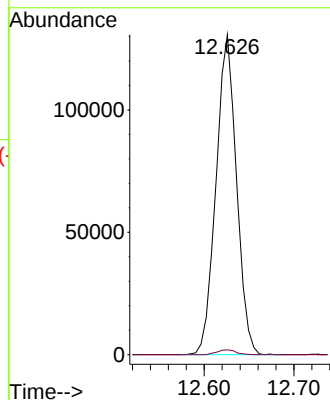
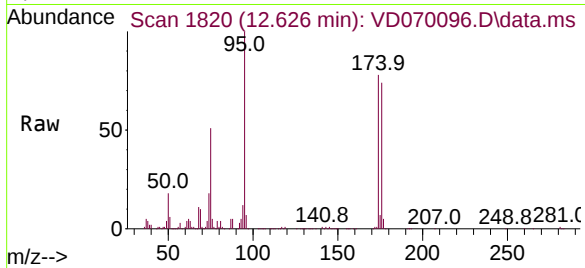




#76
1,2,3-Trichloropropane
Concen: 47.233 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Instrument :
MSVOA_D
ClientSampleId :
SWCS-08-0510

Tgt Ion: 75 Resp: 207174
Ion Ratio Lower Upper
75 100
77 1.4 182.4 547.2#



#81
trans-1,4-Dichloro-2-butene
Concen: 122.599 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.106 min
Lab File: VD070096.D
Acq: 17 Aug 2021 19:01

Tgt Ion: 75 Resp: 207174
Ion Ratio Lower Upper
75 100
53 0.4 64.5 96.7#
89 0.1 33.7 50.5#

