

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070184.D
 Acq On : 20 Aug 2021 00:52
 Operator : VA/SY
 Sample : M3418-20
 Misc : 8.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0205

Quant Time: Aug 20 05:50:08 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)

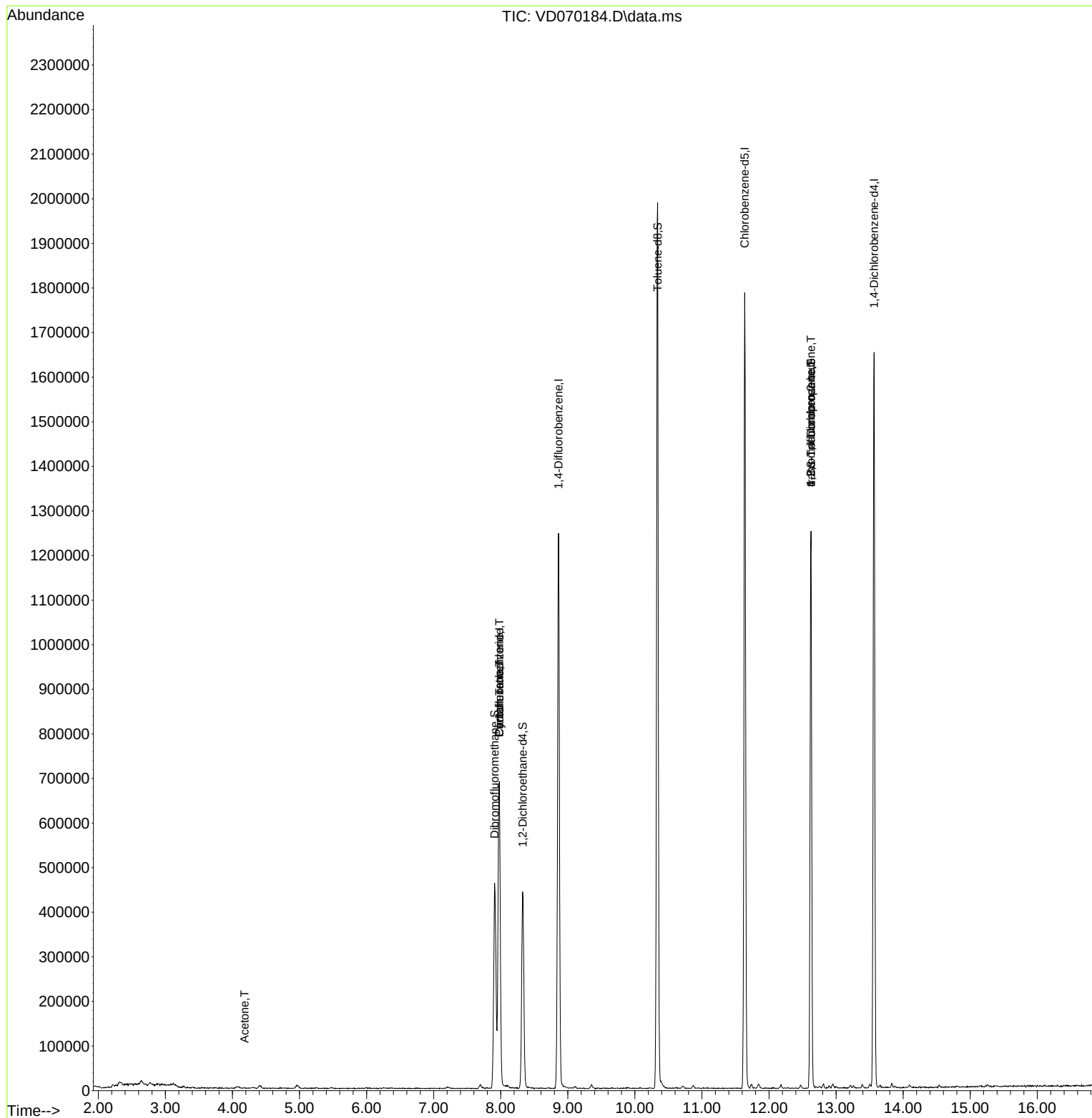
Internal Standards						
1) Pentafluorobenzene	7.979	168	498318	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1042575	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1031787	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	435786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	347169	59.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.460%
35) Dibromofluoromethane	7.908	113	334978	49.732	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.460%
50) Toluene-d8	10.338	98	1349112	51.496	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.000%
62) 4-Bromofluorobenzene	12.626	95	441362	51.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.300%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	2016	Below Cal		92
3) Chloromethane	2.215	50	2538	Below Cal		92
5) Bromomethane	2.773	94	3587	Below Cal	#	77
16) Acetone	4.179	43	1688	1.563	ug/l	92
20) Methylene Chloride	4.962	84	5569	Below Cal		87
31) Cyclohexane	7.979	56	13075	1.127	ug/l	# 1
38) Carbon Tetrachloride	7.979	117	54362	5.339	ug/l	# 15
76) 1,2,3-Trichloropropane	12.626	75	214541	48.545	ug/l	# 1
81) trans-1,4-Dichloro-2-b...	12.626	75	214541	126.004	ug/l	# 18

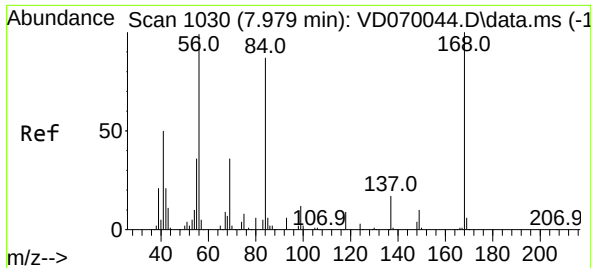
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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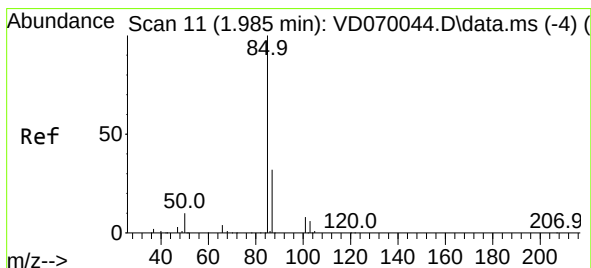
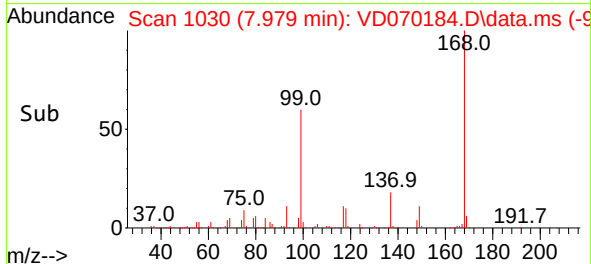
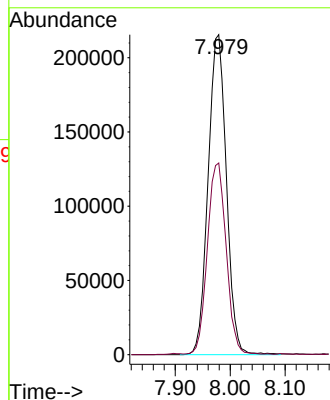
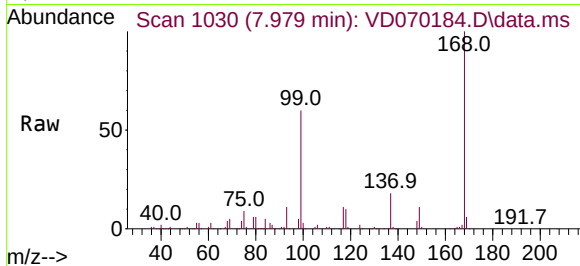




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

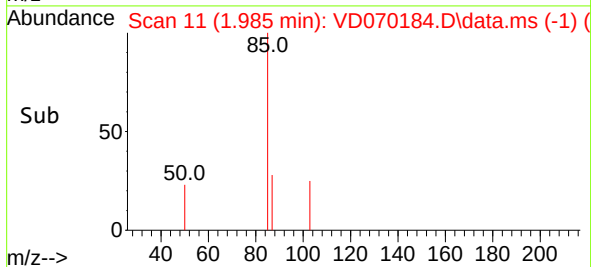
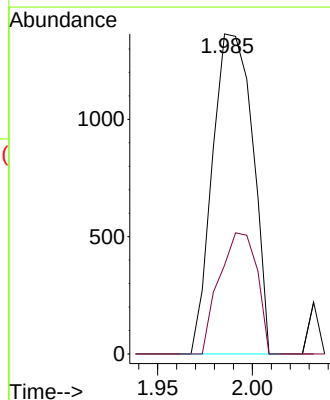
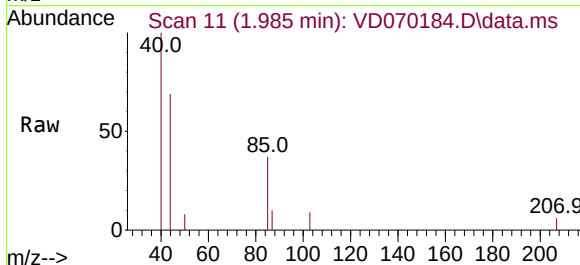
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0205

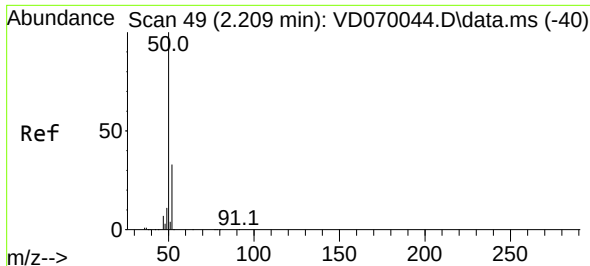
Tgt Ion:168 Resp: 498318
Ion Ratio Lower Upper
168 100
99 59.6 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 85 Resp: 2016
Ion Ratio Lower Upper
85 100
87 27.7 16.2 48.6

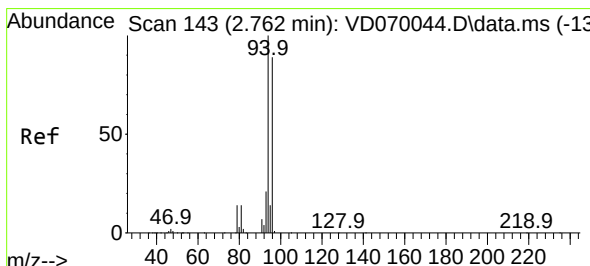
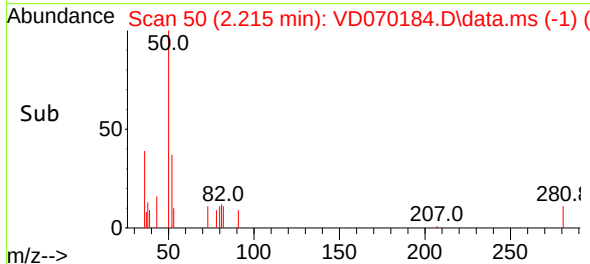
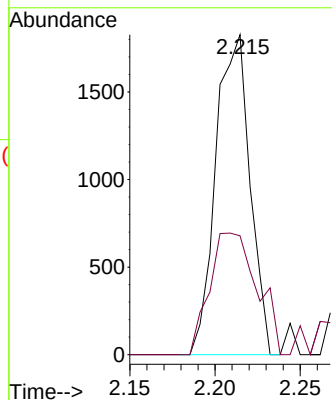
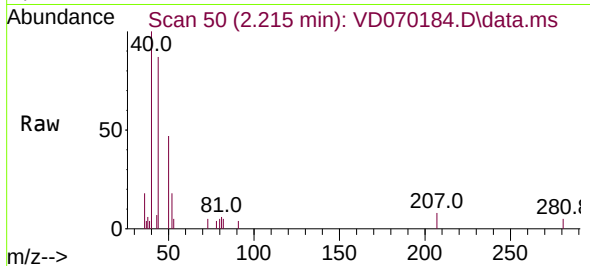




#3
Chloromethane
Concen: Below Cal
RT: 2.215 min Scan# 50
Delta R.T. 0.006 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

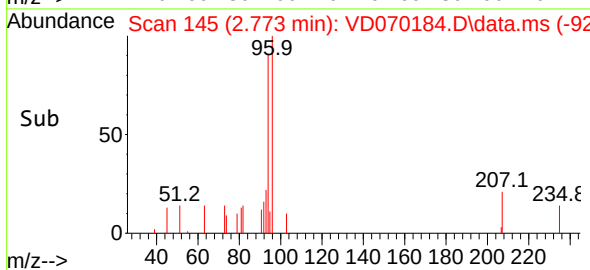
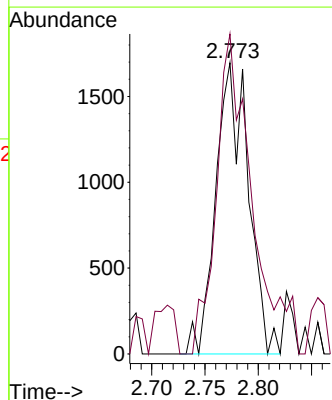
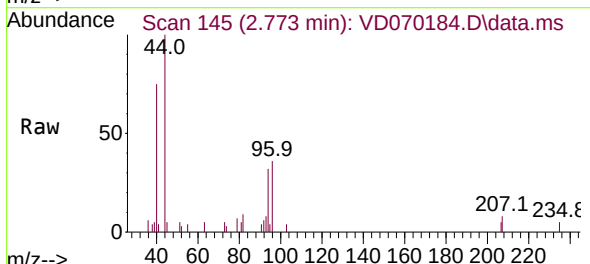
Instrument :
MSVOA_D
ClientSampleId :
SWCS-13-0205

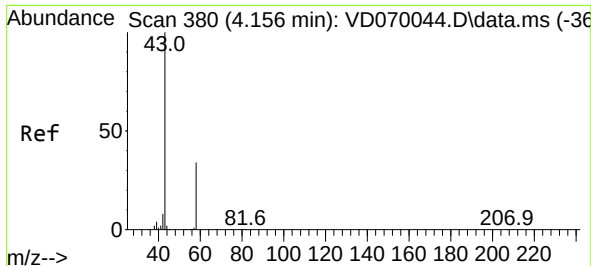
Tgt Ion: 50 Resp: 2538
Ion Ratio Lower Upper
50 100
52 37.2 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 94 Resp: 3587
Ion Ratio Lower Upper
94 100
96 109.9 70.9 106.3#

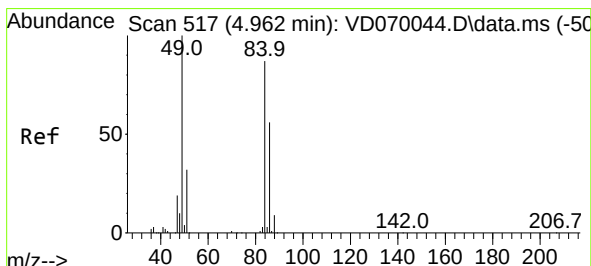
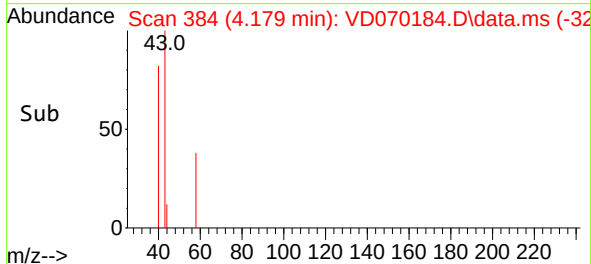
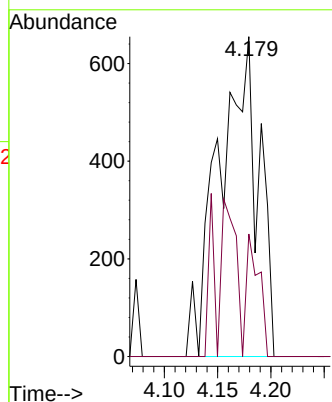
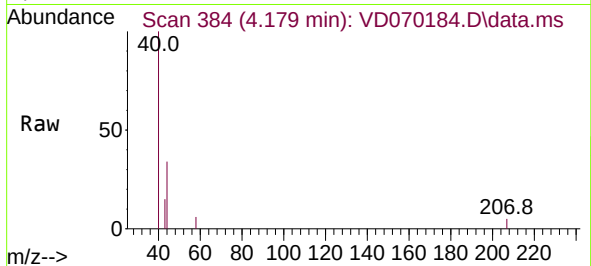




#16
Acetone
Concen: 1.563 ug/l
RT: 4.179 min Scan# 384
Delta R.T. 0.024 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

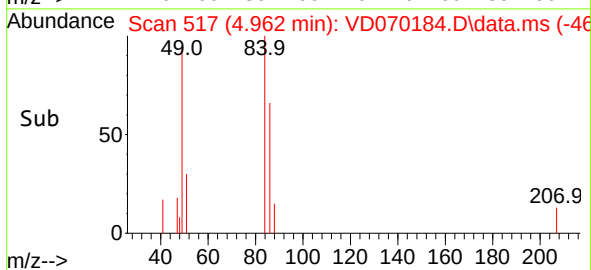
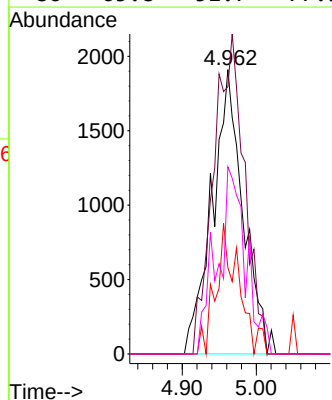
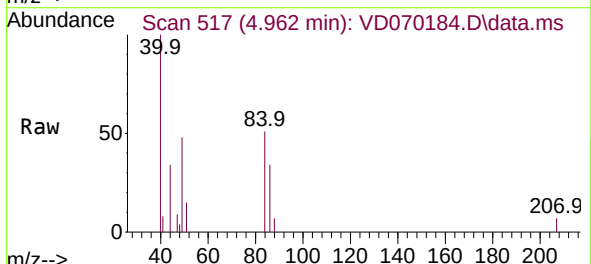
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MSVOA_D
ClientSampleId :
SWCS-13-0205

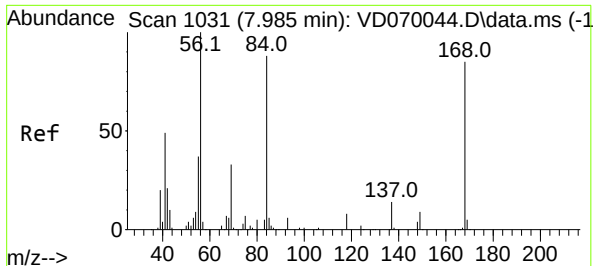
Tgt Ion: 43 Resp: 1688
Ion Ratio Lower Upper
43 100
58 38.3 26.8 40.2



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 84 Resp: 5569
Ion Ratio Lower Upper
84 100
49 94.0 92.5 138.7
51 30.4 29.7 44.5
86 65.8 51.7 77.5

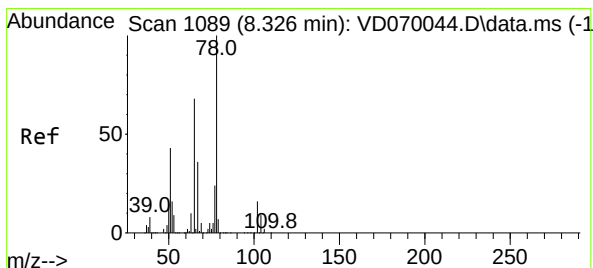
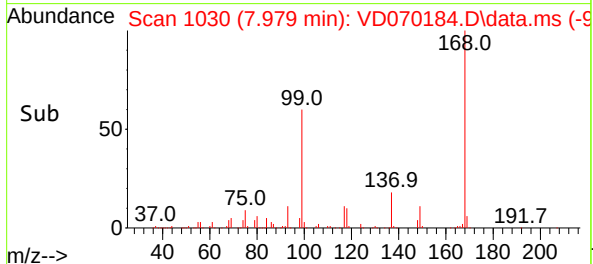
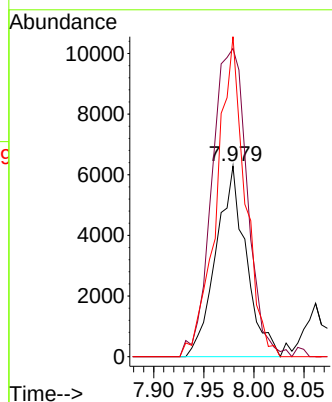
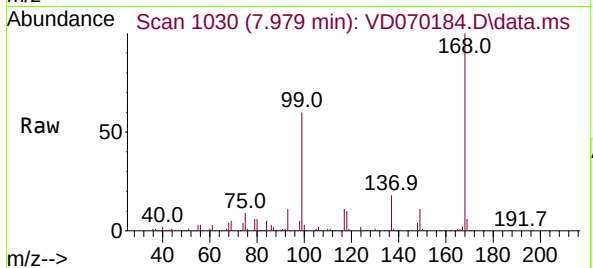




#31
Cyclohexane
Concen: 1.127 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.006 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

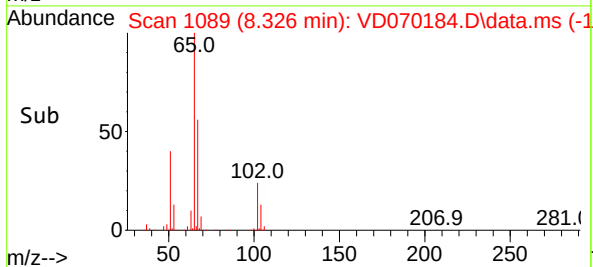
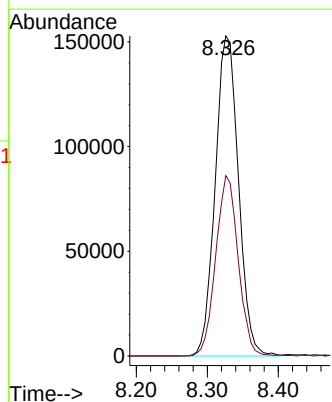
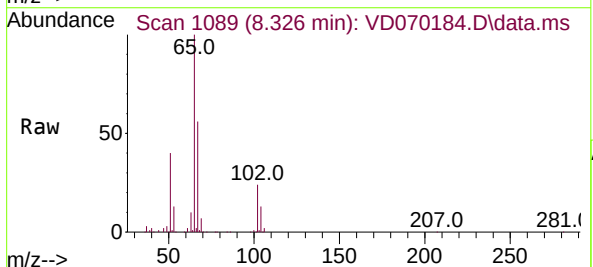
Instrument :
MSVOA_D
ClientSampleId :
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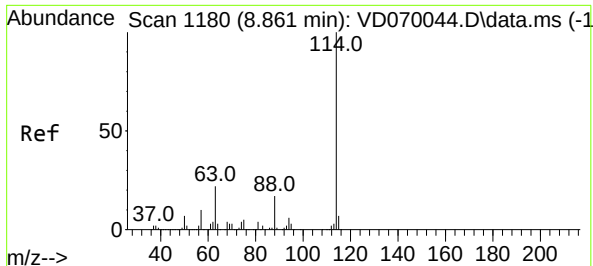
Tgt Ion: 56 Resp: 13075
Ion Ratio Lower Upper
56 100
69 161.7 26.7 40.1#
84 167.9 70.4 105.6#



#33
1,2-Dichloroethane-d4
Concen: 59.234 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 65 Resp: 347169
Ion Ratio Lower Upper
65 100
67 54.4 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: VD070184.D

Acq: 20 Aug 2021 00:52

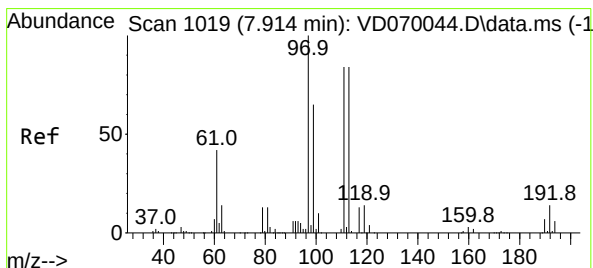
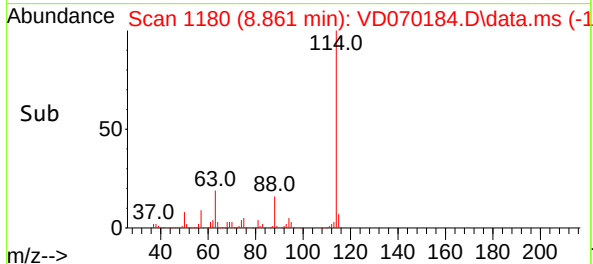
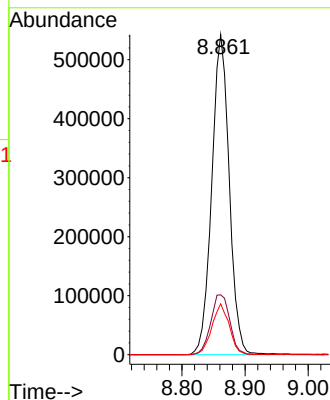
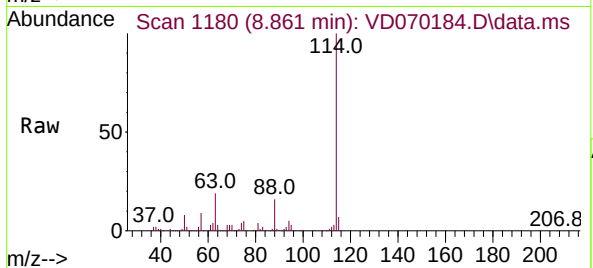
Tgt Ion:114 Resp: 1042575

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.6

88 15.9 0.0 33.4



#35

Dibromofluoromethane

Concen: 49.732 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070184.D

Acq: 20 Aug 2021 00:52

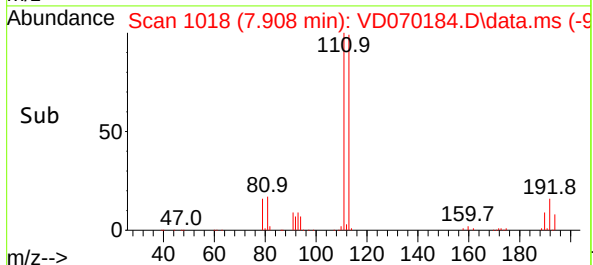
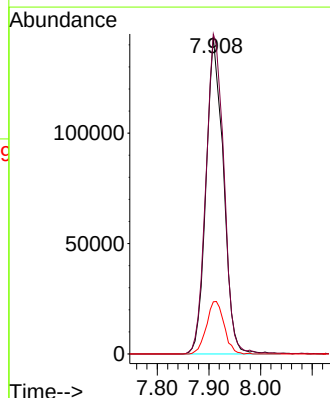
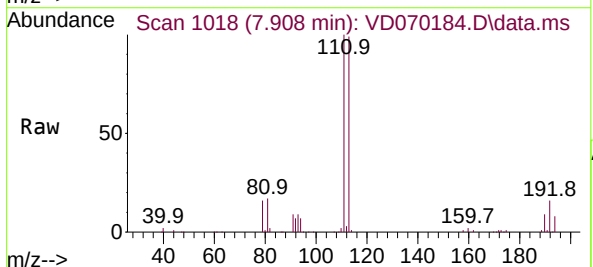
Tgt Ion:113 Resp: 334978

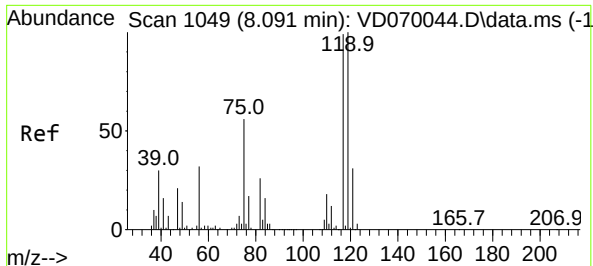
Ion Ratio Lower Upper

113 100

111 104.7 81.8 122.6

192 16.9 13.2 19.8

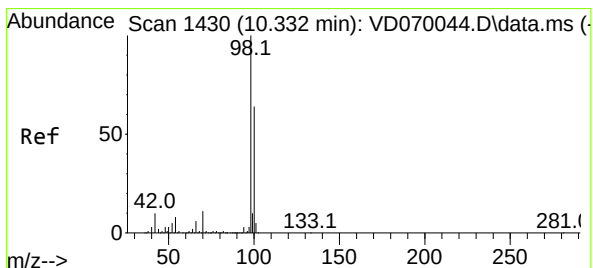
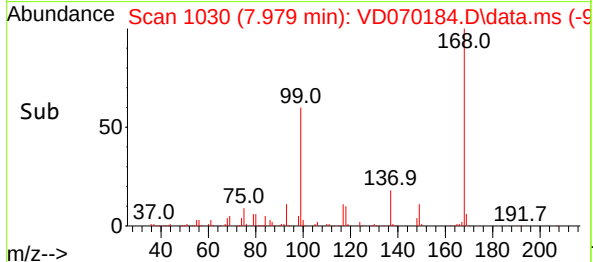
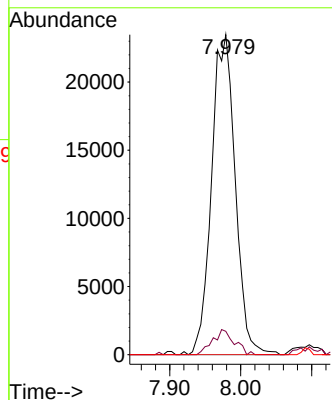
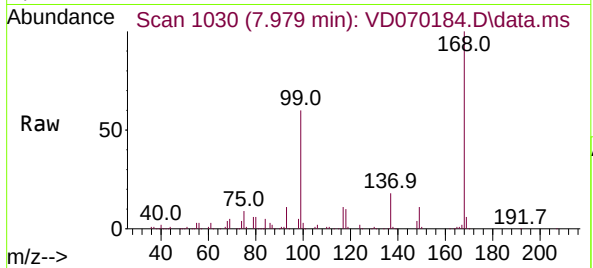




#38
Carbon Tetrachloride
Concen: 5.339 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

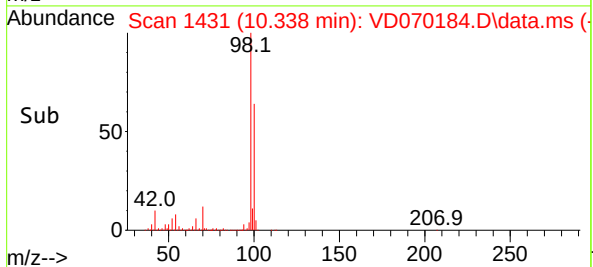
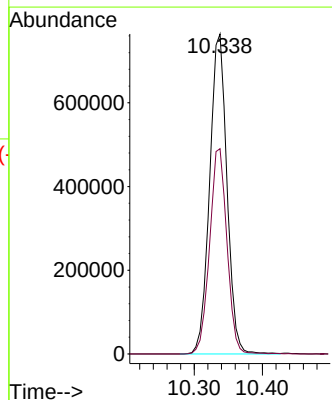
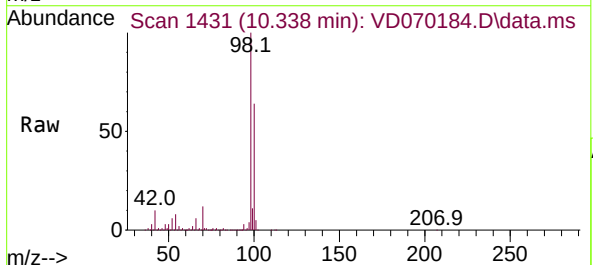
Instrument :
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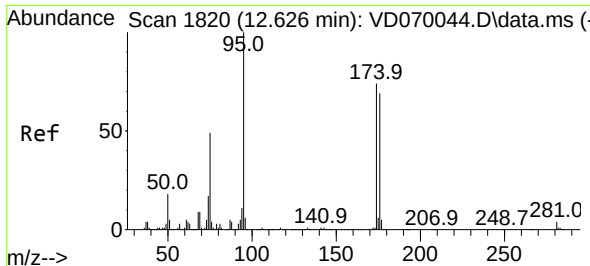
Tgt Ion:117 Resp: 54362
Ion Ratio Lower Upper
117 100
119 7.3 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 51.496 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 98 Resp: 1349112
Ion Ratio Lower Upper
98 100
100 64.3 52.6 78.8

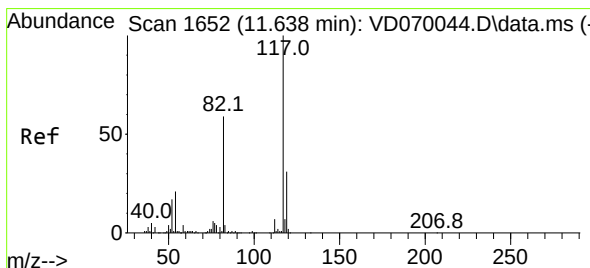
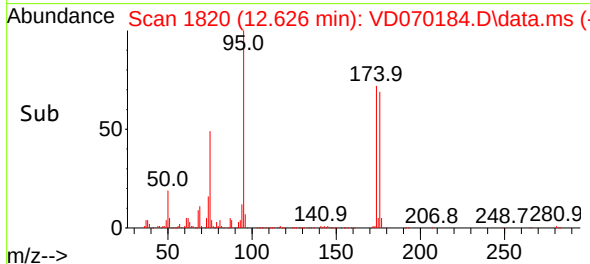
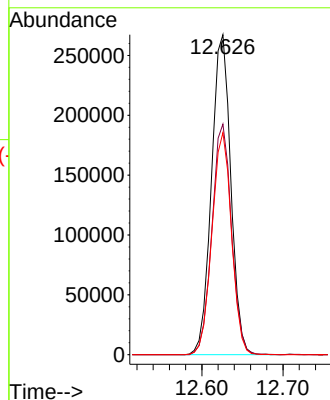
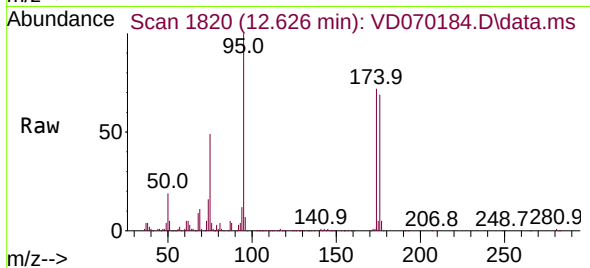




#62
4-Bromofluorobenzene
Concen: 51.149 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

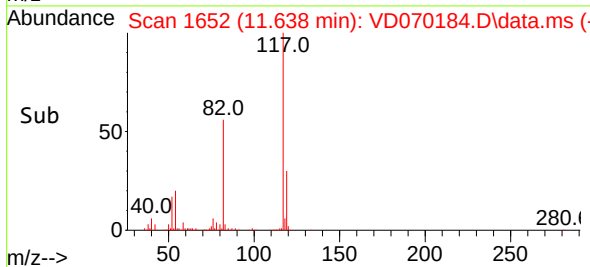
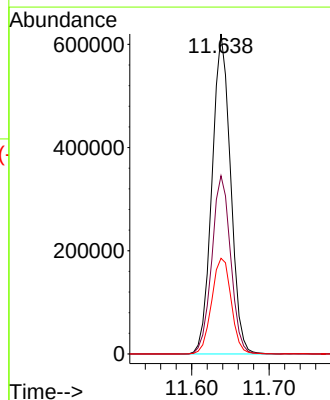
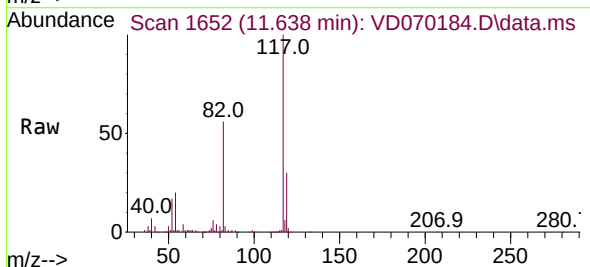
Instrument :
MSVOA_D
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SWCS-13-0205

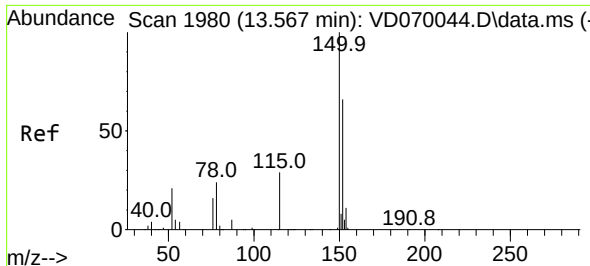
Tgt Ion: 95 Resp: 441362
Ion Ratio Lower Upper
95 100
174 73.3 0.0 141.6
176 70.1 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070184.D
Acq: 20 Aug 2021 00:52

Tgt Ion: 117 Resp: 1031787
Ion Ratio Lower Upper
117 100
82 55.7 47.5 71.3
119 29.9 25.1 37.7

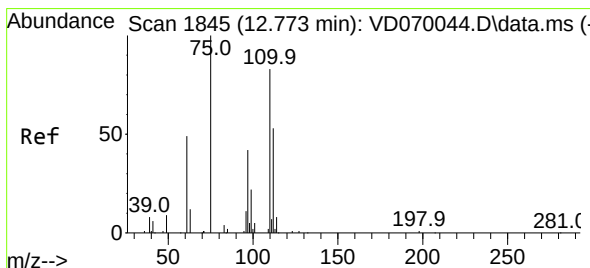
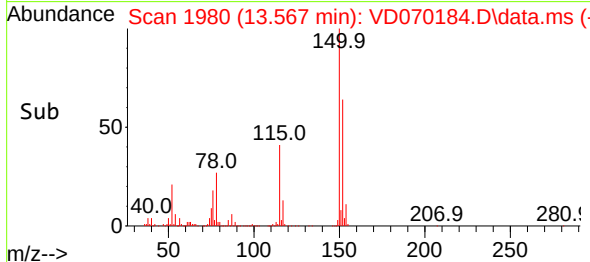
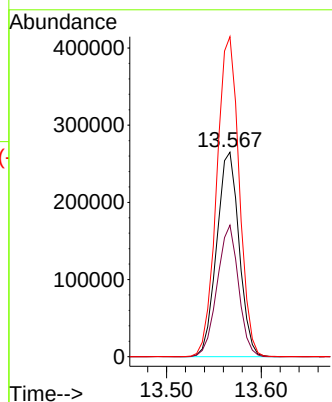
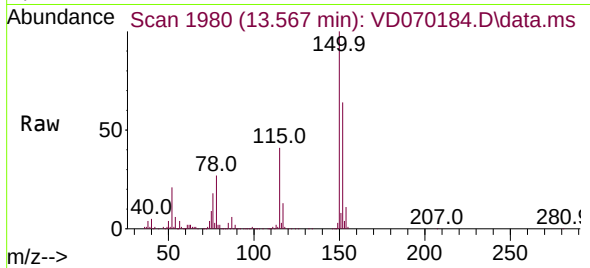




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070184.D
 Acq: 20 Aug 2021 00:52

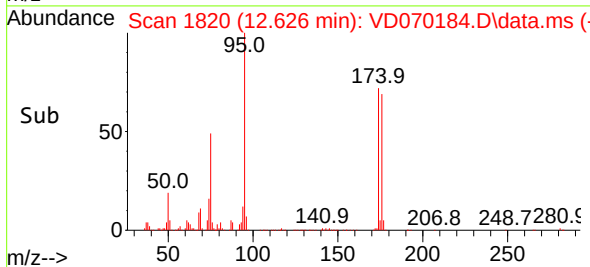
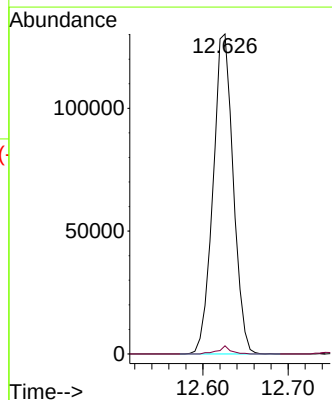
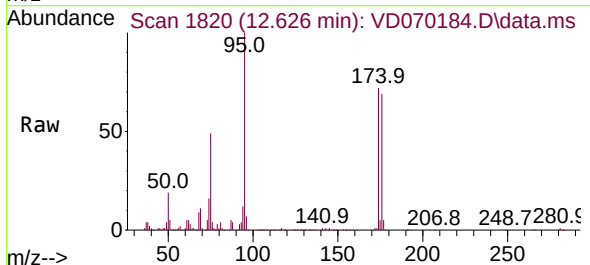
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0205

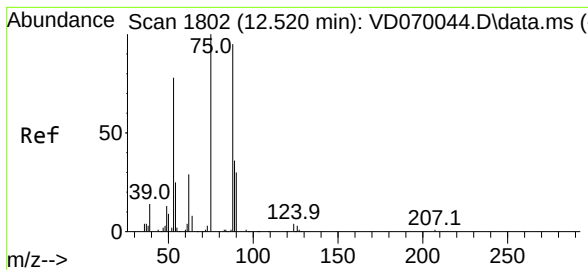
Tgt Ion:152 Resp: 435786
 Ion Ratio Lower Upper
 152 100
 115 61.3 31.2 93.6
 150 156.7 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 48.545 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070184.D
 Acq: 20 Aug 2021 00:52

Tgt Ion: 75 Resp: 214541
 Ion Ratio Lower Upper
 75 100
 77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 126.004 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070184.D
 Acq: 20 Aug 2021 00:52

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-13-0205

Tgt Ion: 75 Resp: 214541
 Ion Ratio Lower Upper
 75 100
 53 0.3 64.5 96.7#
 89 0.1 33.7 50.5#

