

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070058.D
 Acq On : 13 Aug 2021 19:09
 Operator : VA/SY
 Sample : M3368-15
 Misc : 9.84G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-1015

Quant Time: Aug 14 02:52:34 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)

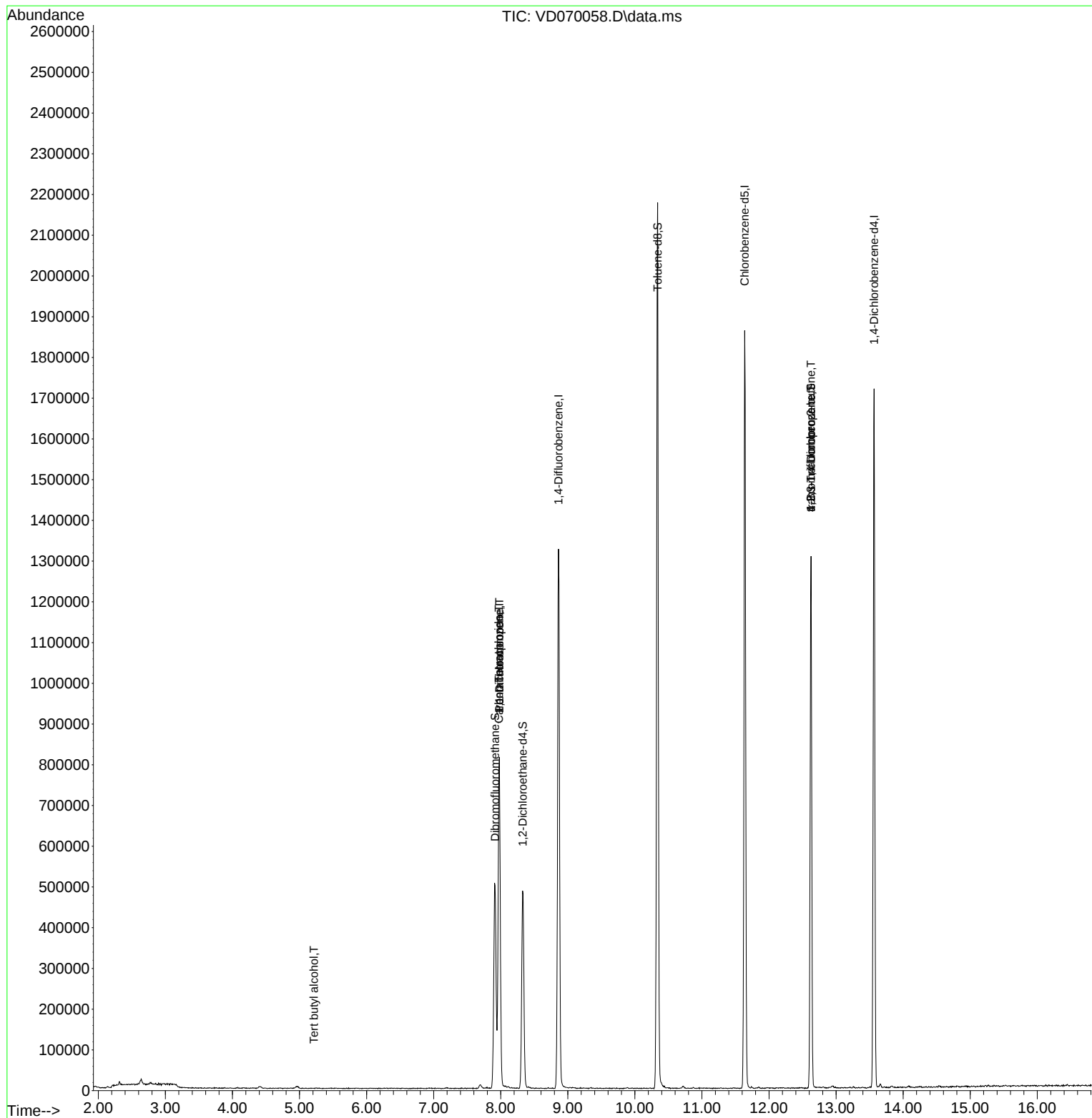
Internal Standards						
1) Pentafluorobenzene	7.979	168	573615	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1148751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1086025	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	457062	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	389097	57.673	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.340%
35) Dibromofluoromethane	7.914	113	381832	51.448	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.900%
50) Toluene-d8	10.338	98	1464057	50.719	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.440%
62) 4-Bromofluorobenzene	12.626	95	450268	47.358	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.720%
Target Compounds						
2) Dichlorodifluoromethane	1.985	85	515	Below Cal	#	67
3) Chloromethane	2.209	50	2663	Below Cal	#	82
5) Bromomethane	2.779	94	3588	Below Cal		99
11) Tert butyl alcohol	5.215	59	795	2.132	ug/l #	71
20) Methylene Chloride	4.968	84	3980	Below Cal	#	76
36) 1,1-Dichloropropene	7.979	75	51671	4.181	ug/l #	50
38) Carbon Tetrachloride	7.973	117	62196	5.544	ug/l #	14
76) 1,2,3-Trichloropropane	12.626	75	217889	47.007	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	217889	122.013	ug/l #	18

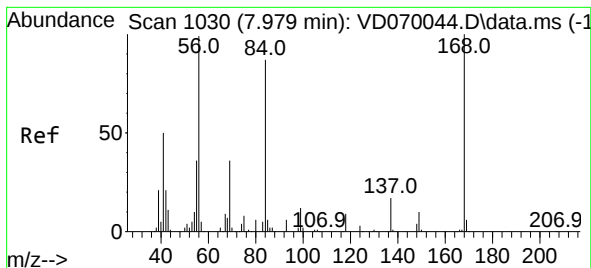
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

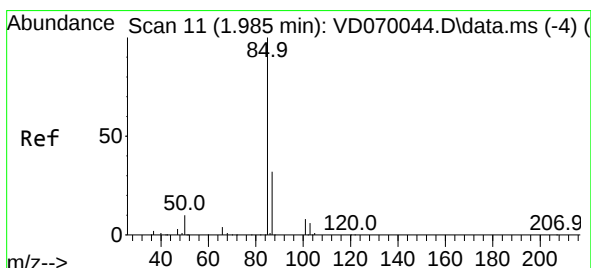
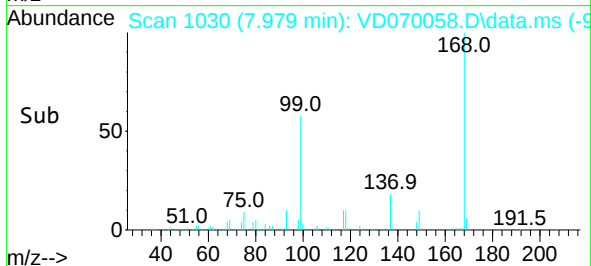
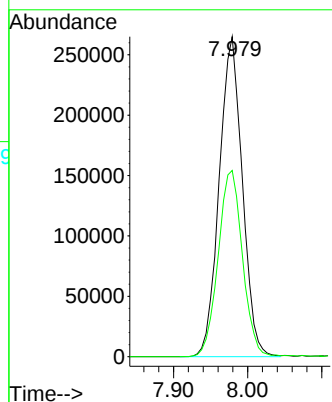
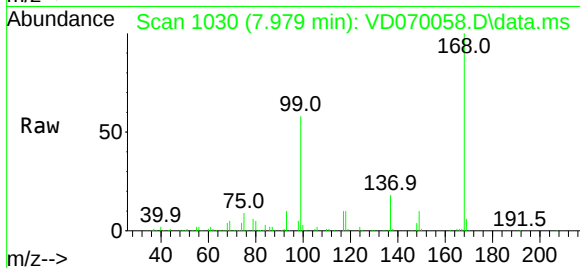
Lab File: VD070058.D

Acq: 13 Aug 2021 19:09

Tgt Ion:168 Resp: 573615

Ion Ratio Lower Upper

168	100		
99	58.2	50.3	75.5



#2

Dichlorodifluoromethane

Concen: Below Cal

RT: 1.985 min Scan# 11

Delta R.T. 0.000 min

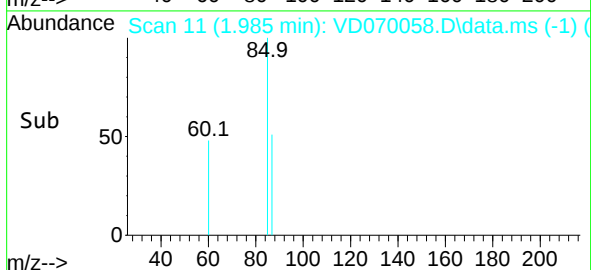
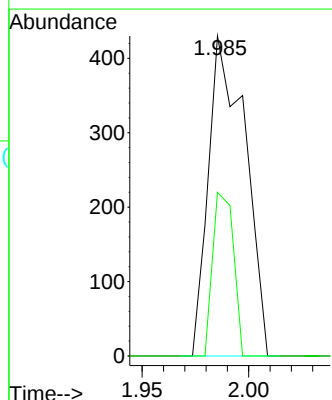
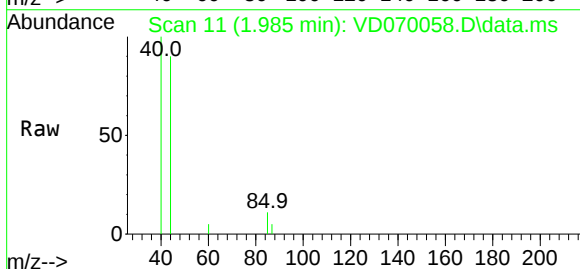
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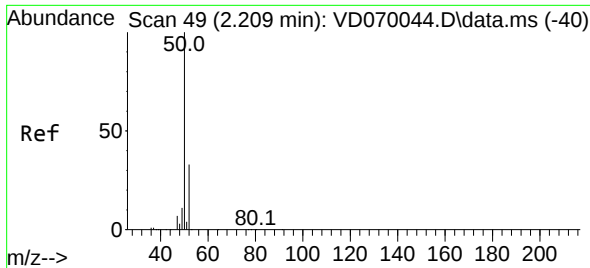
Acq: 13 Aug 2021 19:09

Tgt Ion: 85 Resp: 515

Ion Ratio Lower Upper

85	100		
87	51.2	16.2	48.6

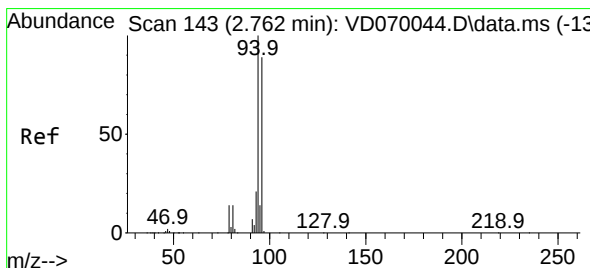
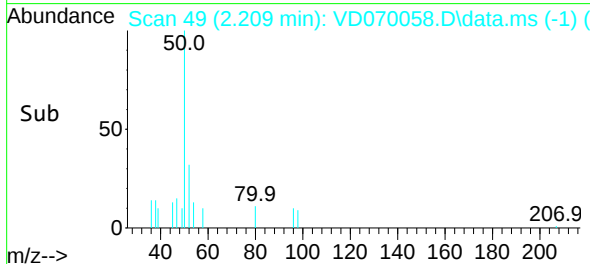
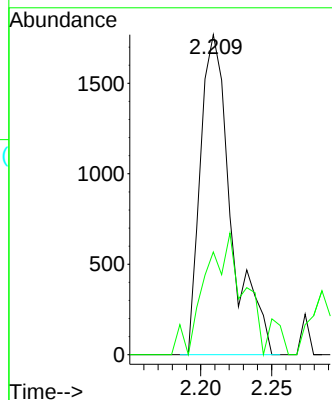
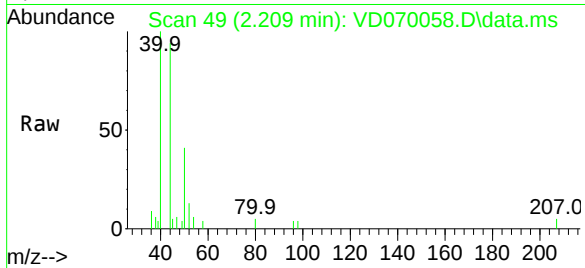




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

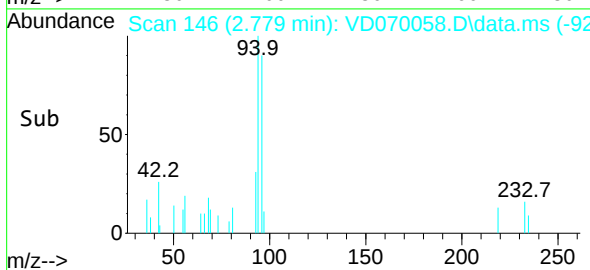
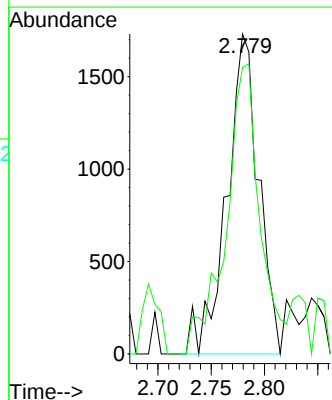
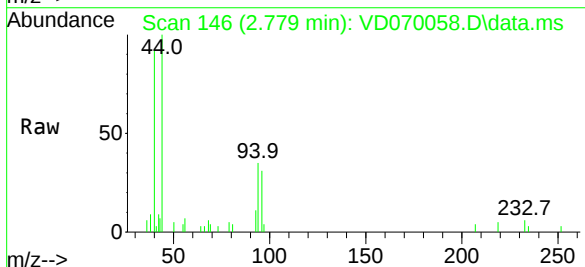
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-1015

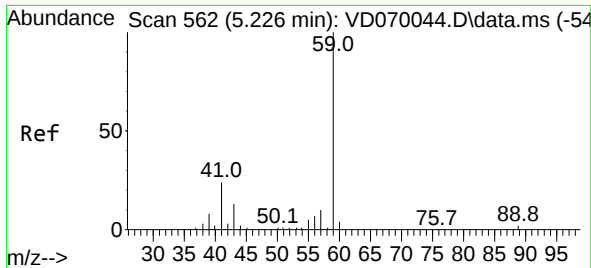
Tgt Ion: 50 Resp: 2663
Ion Ratio Lower Upper
50 100
52 23.0 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.779 min Scan# 146
Delta R.T. 0.017 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

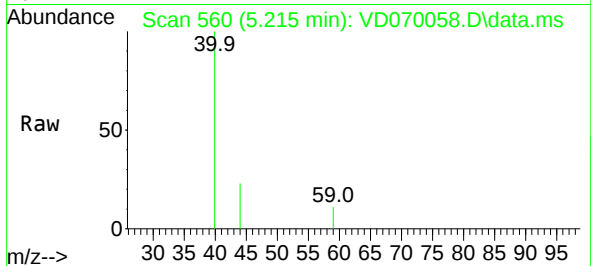
Tgt Ion: 94 Resp: 3588
Ion Ratio Lower Upper
94 100
96 89.5 70.9 106.3



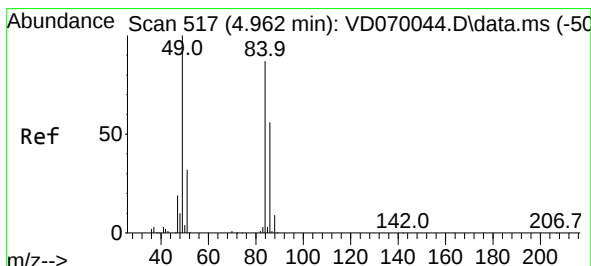
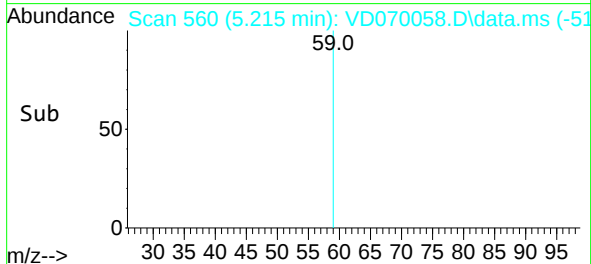
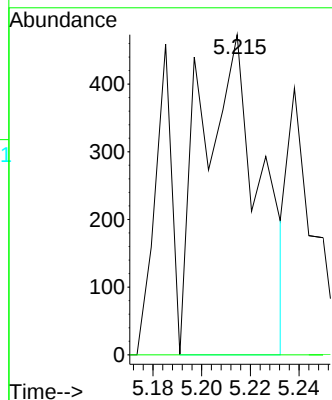


#11
Tert butyl alcohol
Concen: 2.132 ug/l
RT: 5.215 min Scan# 560
Delta R.T. -0.012 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-1015

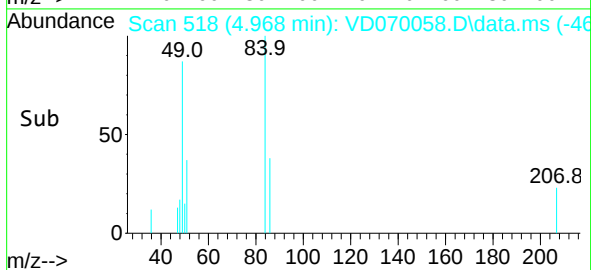
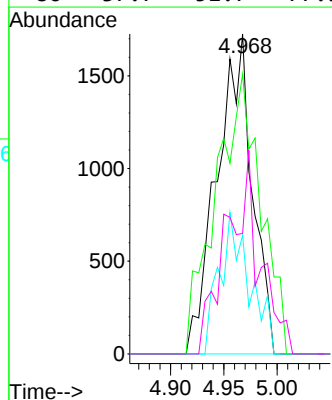
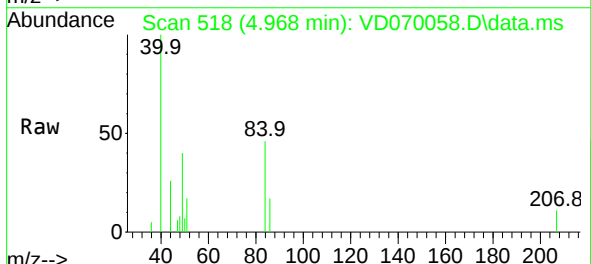


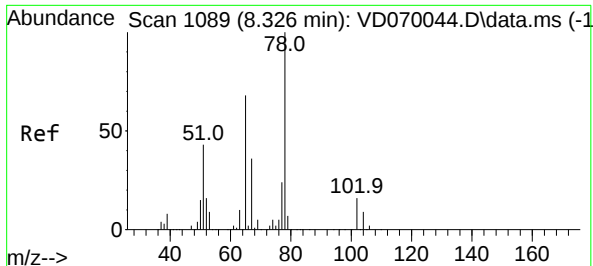
Tgt Ion: 59 Resp: 795
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.968 min Scan# 518
Delta R.T. 0.006 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Tgt Ion: 84 Resp: 3980
Ion Ratio Lower Upper
84 100
49 87.4 92.5 138.7#
51 37.1 29.7 44.5
86 37.7 51.7 77.5#

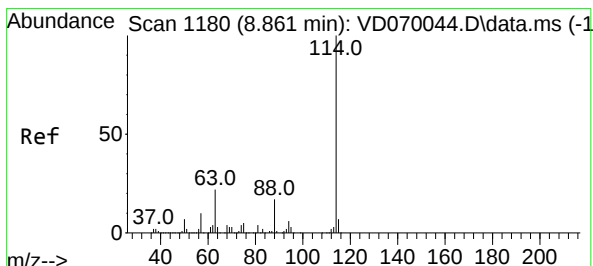
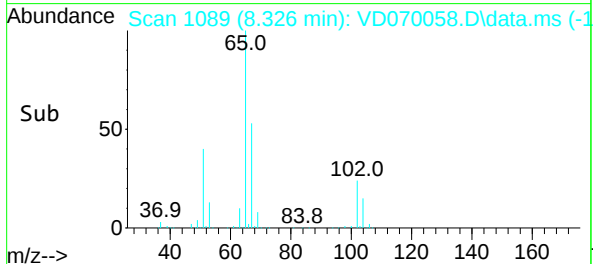
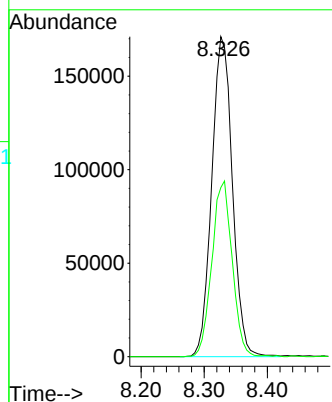
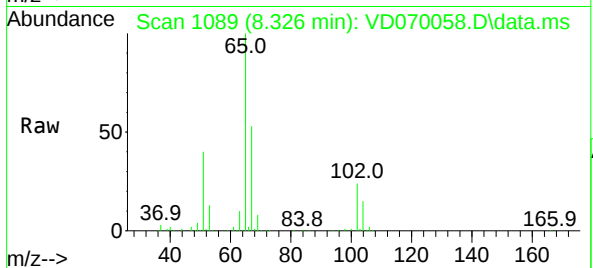




#33
1,2-Dichloroethane-d4
Concen: 57.673 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

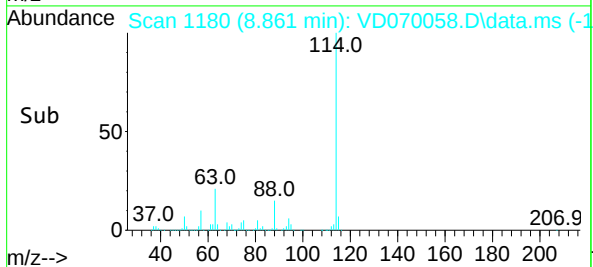
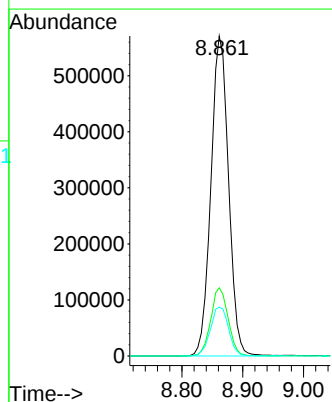
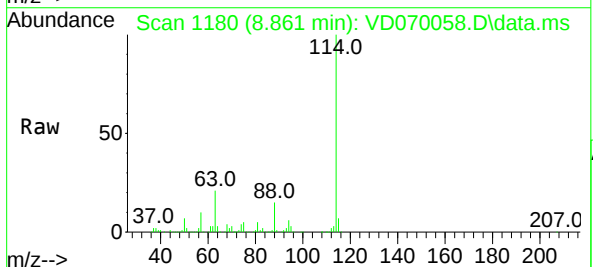
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-1015

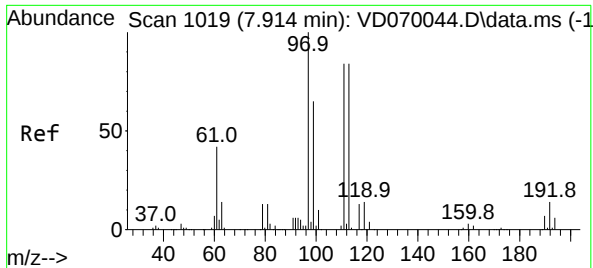
Tgt Ion: 65 Resp: 389097
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Tgt Ion:114 Resp: 1148751
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 15.2 0.0 33.4

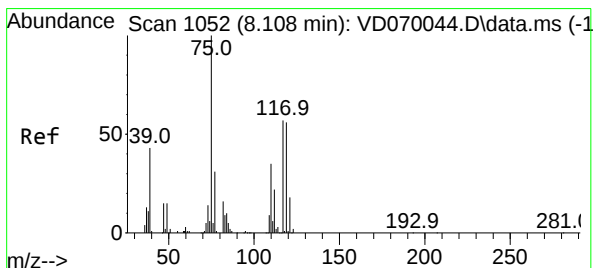
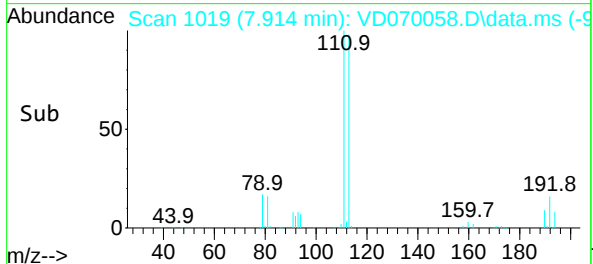
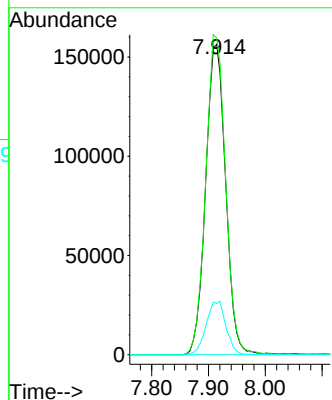
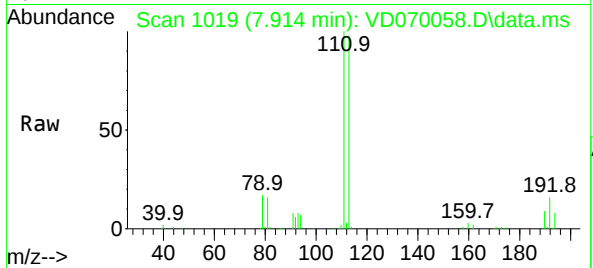




#35
Dibromofluoromethane
Concen: 51.448 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

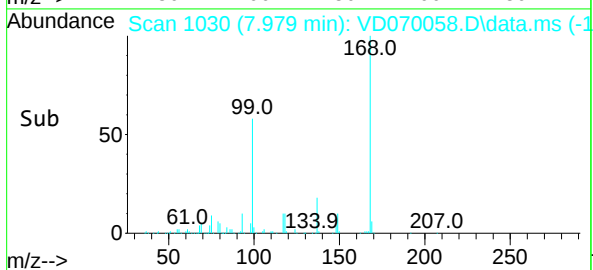
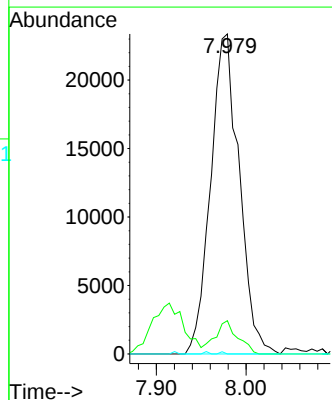
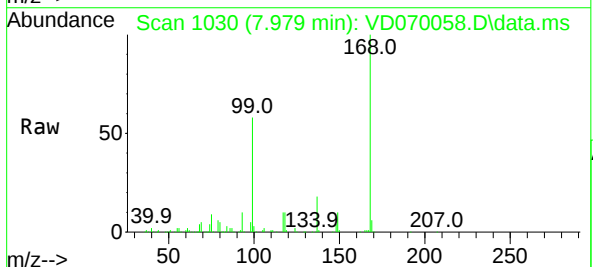
Instrument :
MSVOA_D
ClientSampleId :
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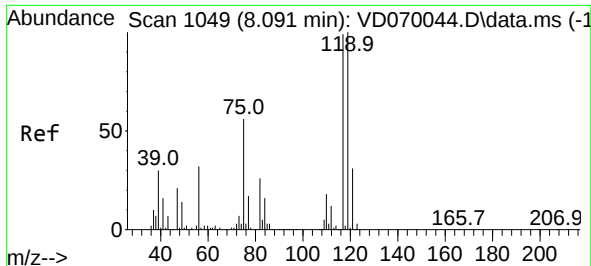
Tgt Ion:113 Resp: 381832
Ion Ratio Lower Upper
113 100
111 102.7 81.8 122.6
192 17.0 13.2 19.8



#36
1,1-Dichloropropene
Concen: 4.181 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.129 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Tgt Ion: 75 Resp: 51671
Ion Ratio Lower Upper
75 100
110 8.3 16.9 50.7#
77 0.1 25.2 37.8#

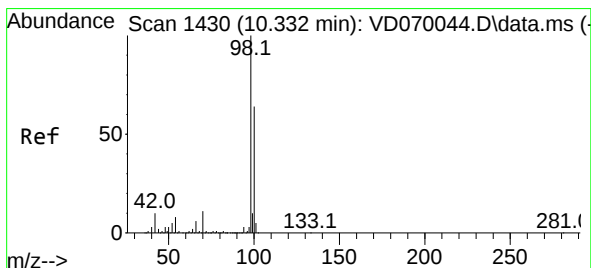
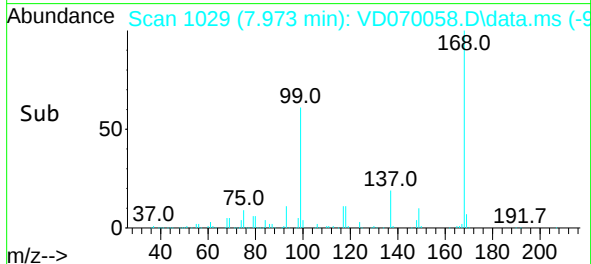
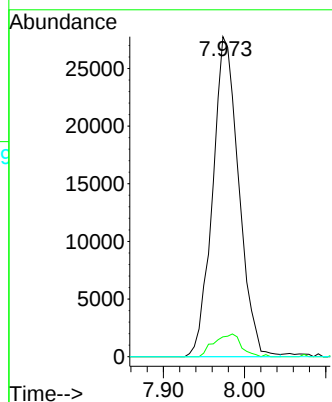
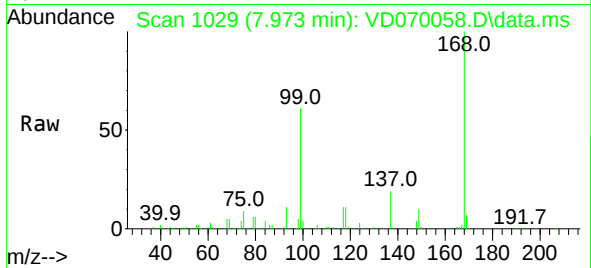




#38
Carbon Tetrachloride
Concen: 5.544 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.118 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

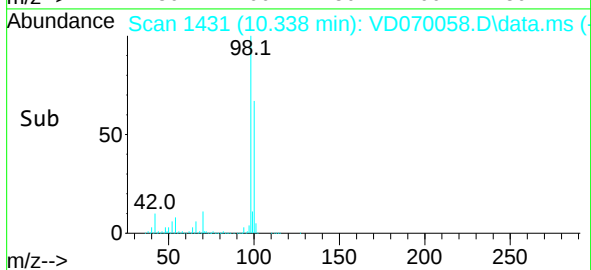
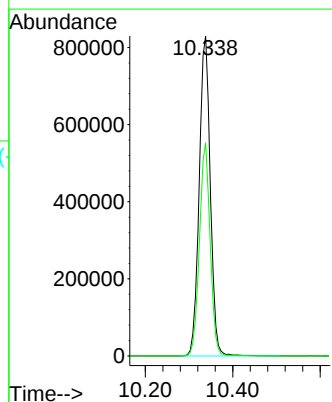
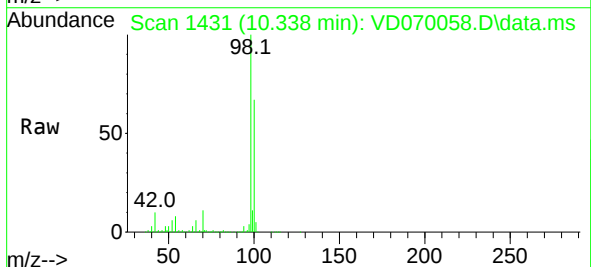
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SWCS-06-1015

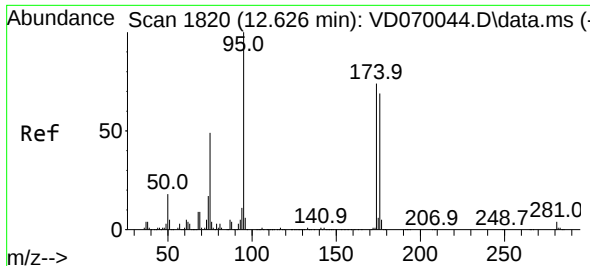
Tgt Ion:117 Resp: 62196
Ion Ratio Lower Upper
117 100
119 6.2 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.719 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Tgt Ion: 98 Resp: 1464057
Ion Ratio Lower Upper
98 100
100 64.5 52.6 78.8

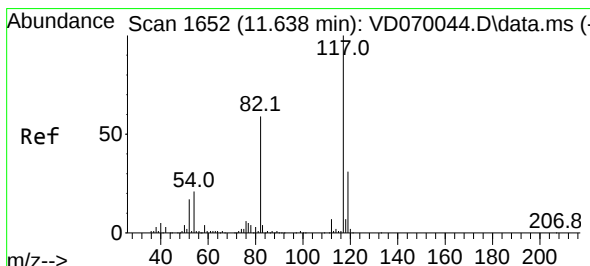
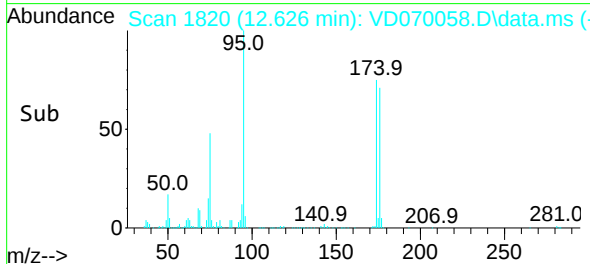
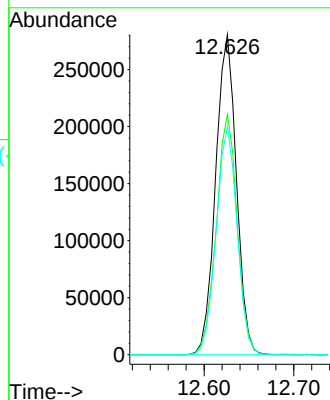
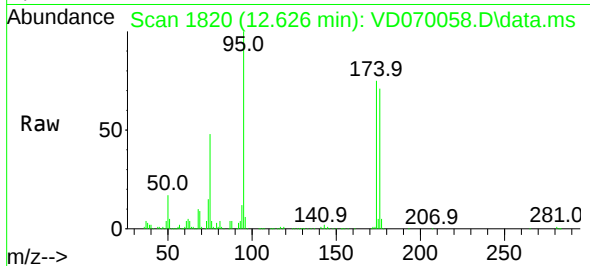




#62
4-Bromofluorobenzene
Concen: 47.358 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

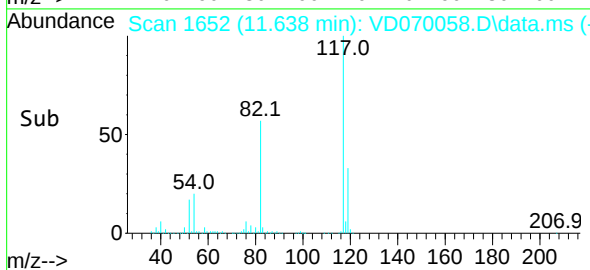
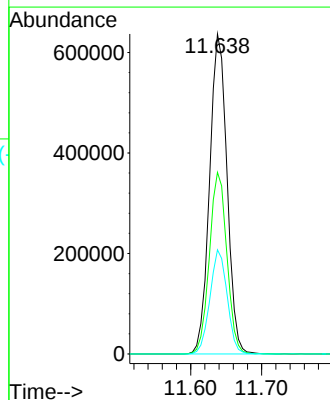
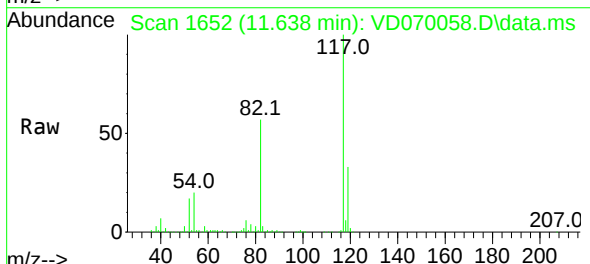
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-1015

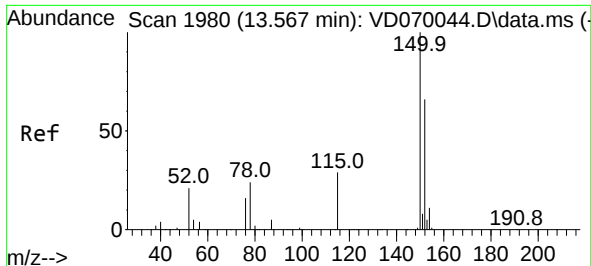
Tgt Ion: 95 Resp: 450268
Ion Ratio Lower Upper
95 100
174 75.9 0.0 141.6
176 71.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

Tgt Ion: 117 Resp: 1086025
Ion Ratio Lower Upper
117 100
82 56.7 47.5 71.3
119 32.5 25.1 37.7

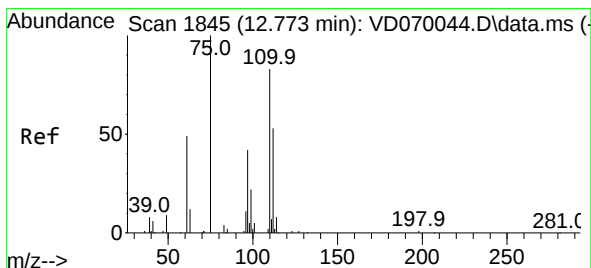
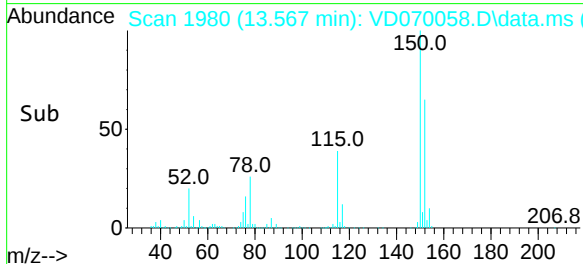
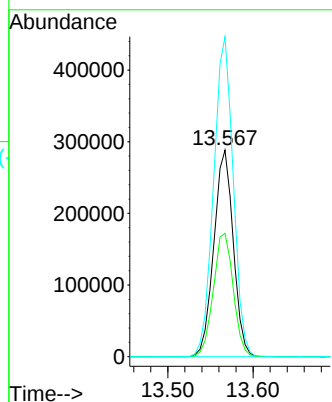
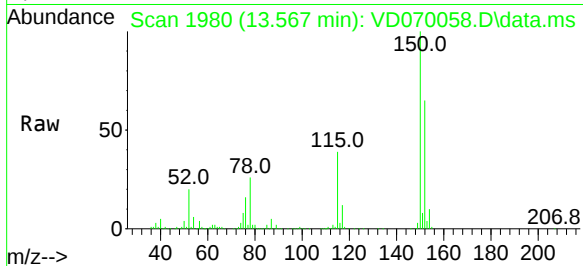




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

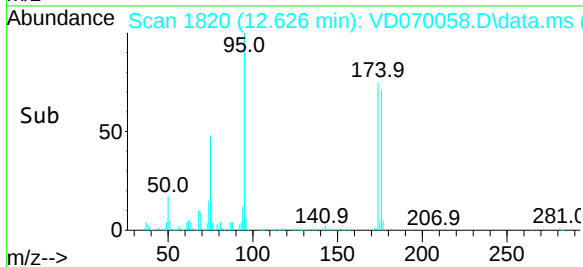
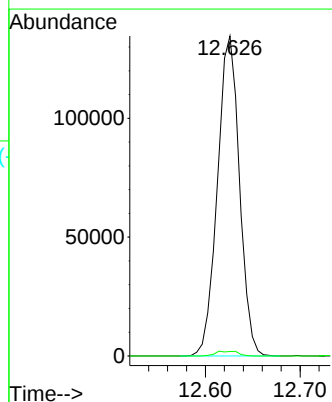
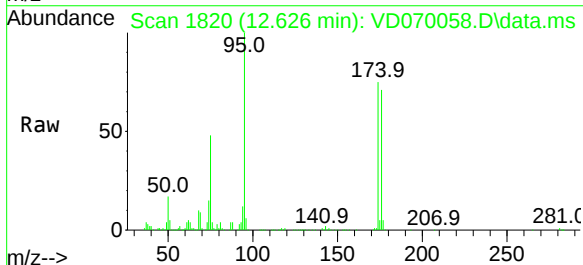
Instrument :
MSVOA_D
ClientSampleId :
SWCS-06-1015

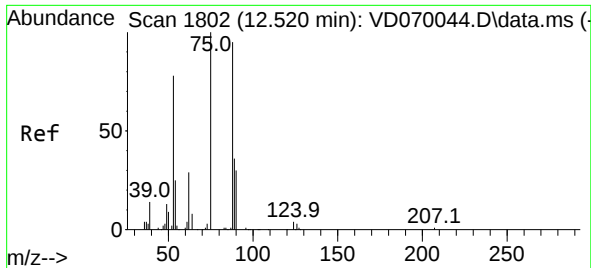
Tgt Ion:152 Resp: 457062
Ion Ratio Lower Upper
152 100
115 61.1 31.2 93.6
150 155.9 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 47.007 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070058.D
Acq: 13 Aug 2021 19:09

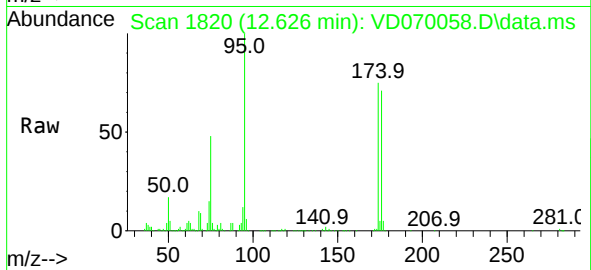
Tgt Ion: 75 Resp: 217889
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.013 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070058.D
 Acq: 13 Aug 2021 19:09

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-06-1015



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

