

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070128.D
 Acq On : 18 Aug 2021 15:23
 Operator : VA/SY
 Sample : M3435-05
 Misc : 3.505.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0002

Quant Time: Aug 19 07:31:06 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)

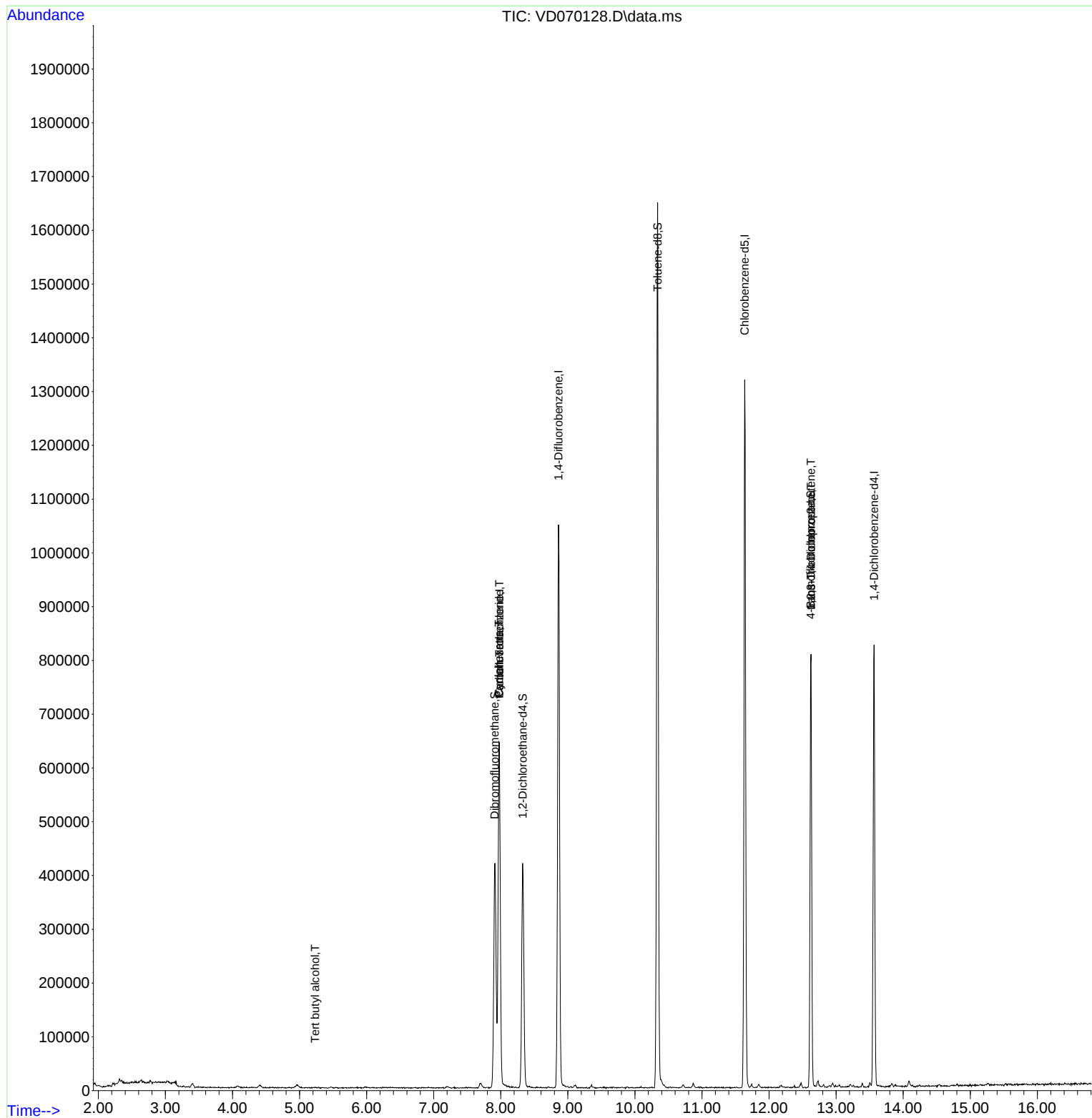
Internal Standards						
1) Pentafluorobenzene	7.979	168	458420	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	892887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	772743	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	219797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	321722	59.669	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 119.340%	
35) Dibromofluoromethane	7.908	113	309477	53.648	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 107.300%	
50) Toluene-d8	10.338	98	1122045	50.009	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 100.020%	
62) 4-Bromofluorobenzene	12.620	95	276201	37.374	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 74.740%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.991	85	1140	Below Cal		78
3) Chloromethane	2.209	50	1869	Below Cal		98
5) Bromomethane	2.773	94	2532	Below Cal	#	57
11) Tert butyl alcohol	5.232	59	688	2.309	ug/l #	71
20) Methylene Chloride	4.962	84	4300	Below Cal	#	82
31) Cyclohexane	7.973	56	12937	1.212	ug/l #	1
38) Carbon Tetrachloride	7.979	117	48981	5.617	ug/l #	15
76) 1,2,3-Trichloropropane	12.626	75	136988	61.456	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	136988	159.517	ug/l #	18

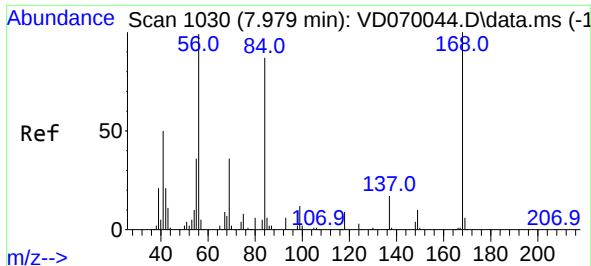
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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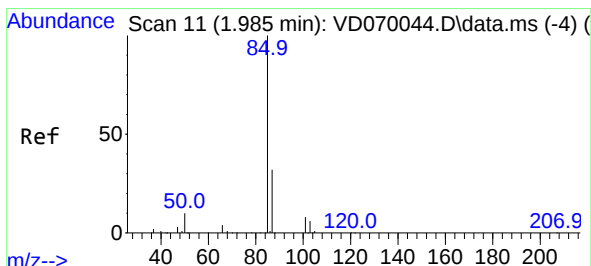
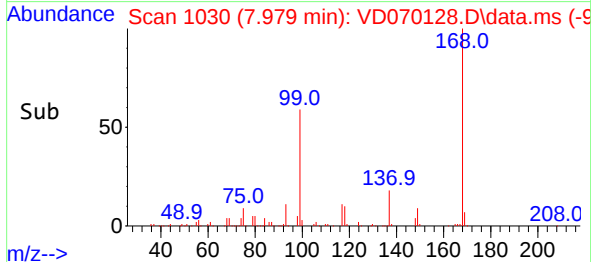
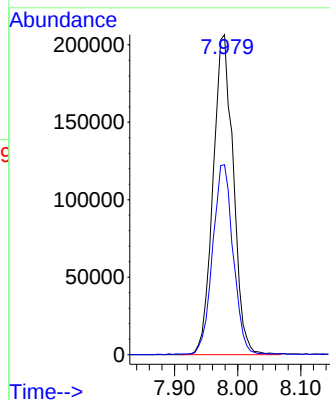
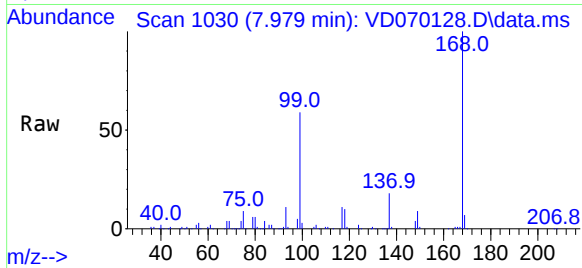




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

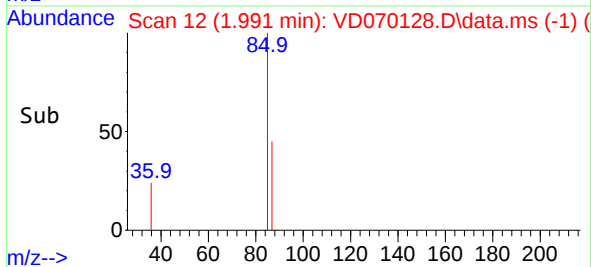
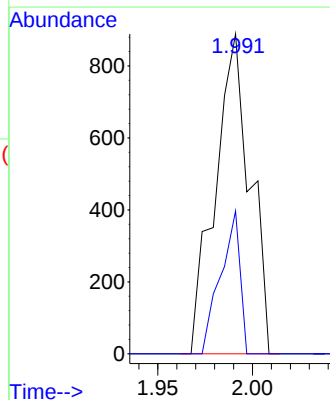
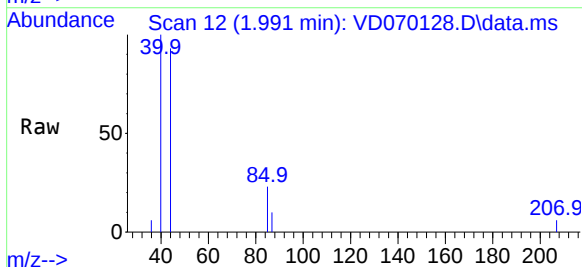
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

Tgt Ion:168 Resp: 458420
Ion Ratio Lower Upper
168 100
99 59.1 50.3 75.5

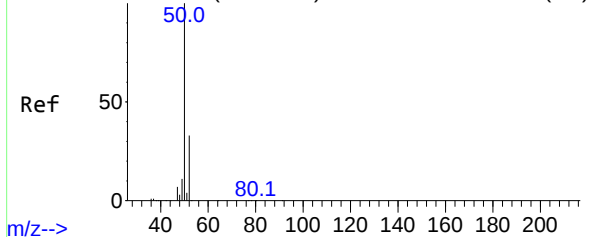


#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.991 min Scan# 12
Delta R.T. 0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 85 Resp: 1140
Ion Ratio Lower Upper
85 100
87 44.7 16.2 48.6



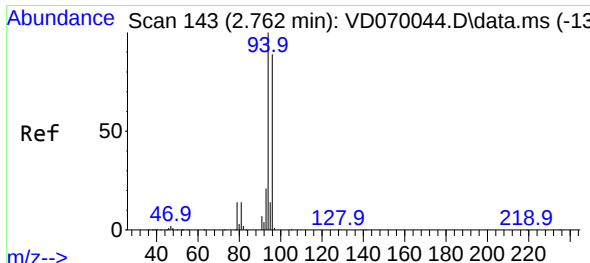
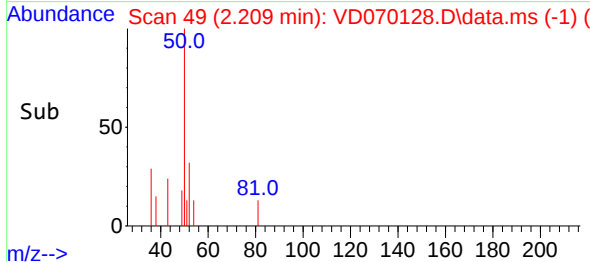
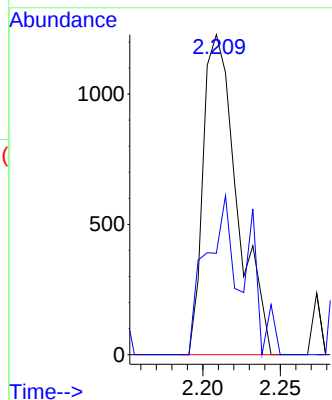
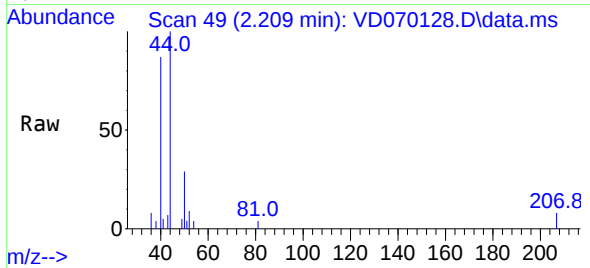
Abundance Scan 49 (2.209 min): VD070044.D\data.ms (-40)



#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

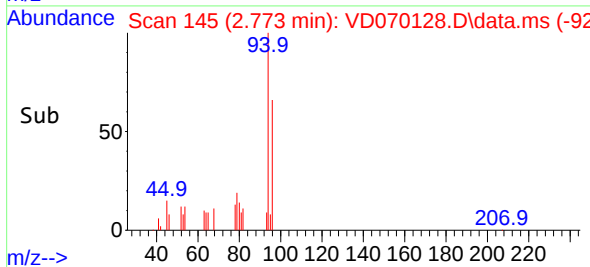
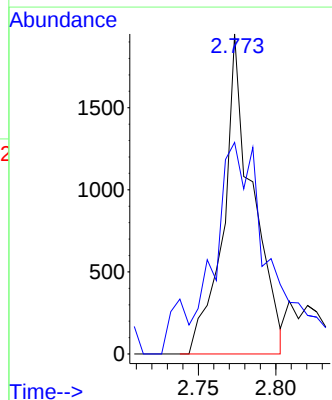
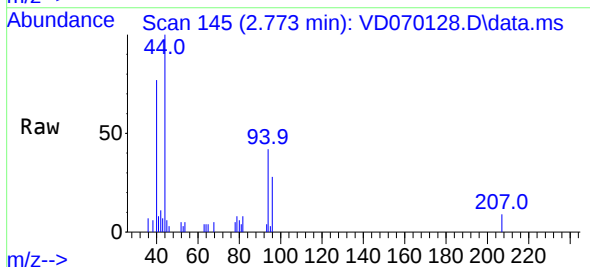
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

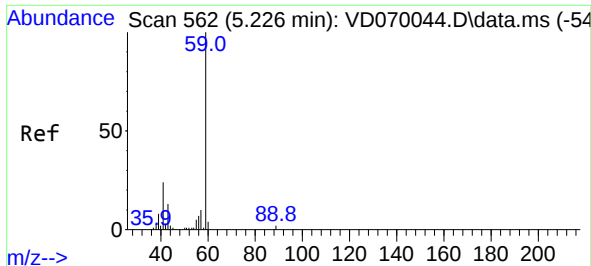
Tgt Ion: 50 Resp: 1869
Ion Ratio Lower Upper
50 100
52 31.7 26.3 39.5



#5
Bromomethane
Concen: Below Cal
RT: 2.773 min Scan# 145
Delta R.T. 0.011 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 94 Resp: 2532
Ion Ratio Lower Upper
94 100
96 48.9 70.9 106.3#



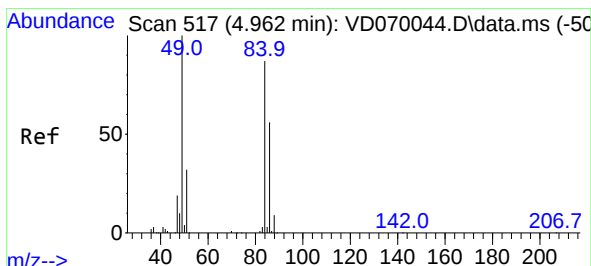
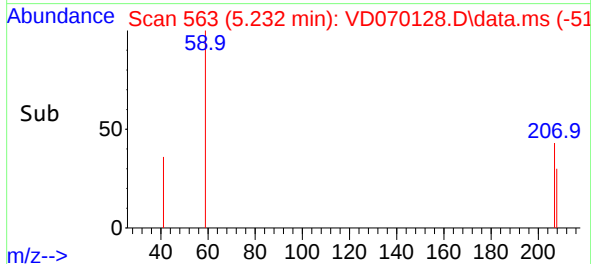
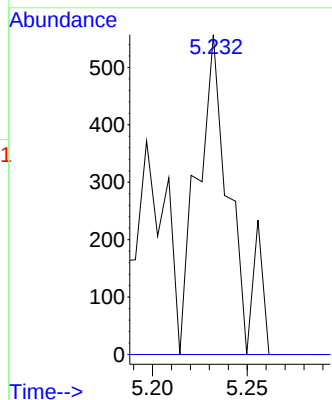
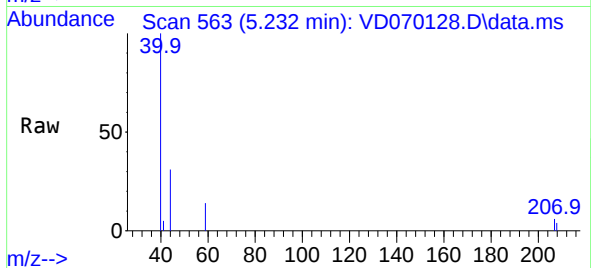


#11

Tert butyl alcohol
Concen: 2.309 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

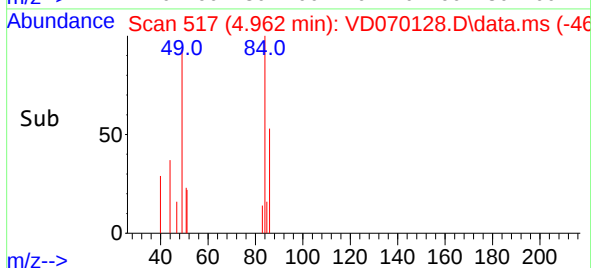
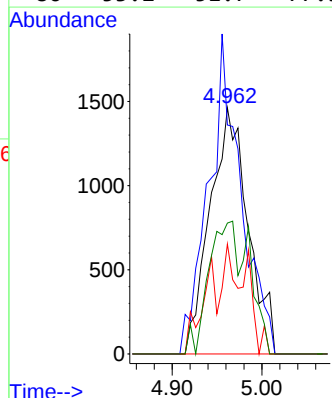
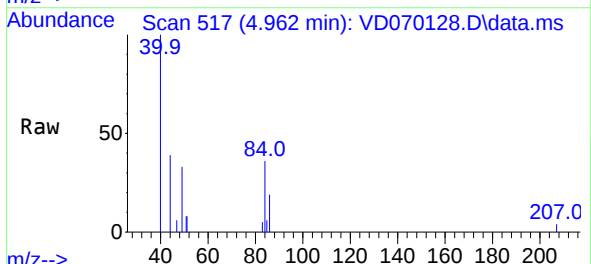
Tgt Ion: 59 Resp: 688
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

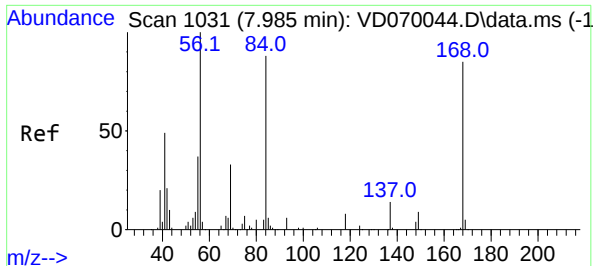


#20

Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 84 Resp: 4300
Ion Ratio Lower Upper
84 100
49 93.0 92.5 138.7
51 44.7 29.7 44.5#
86 53.2 51.7 77.5





#31

Cyclohexane

Concen: 1.212 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.012 min

Lab File: VD070128.D

Acq: 18 Aug 2021 15:23

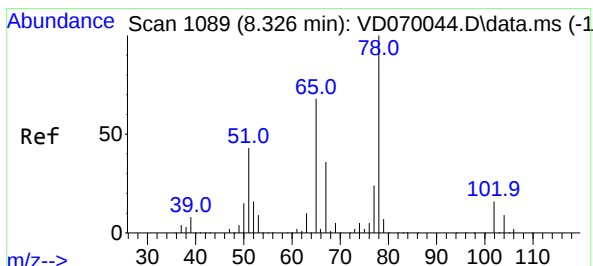
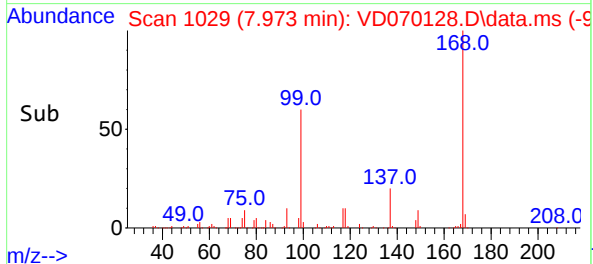
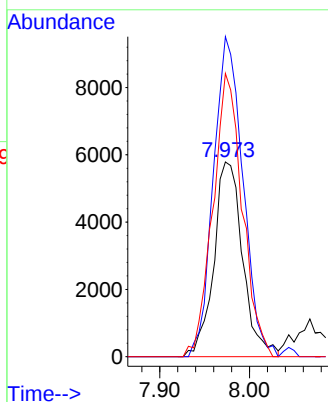
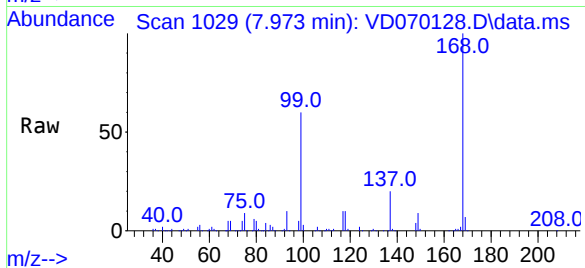
Tgt Ion: 56 Resp: 12937

Ion Ratio Lower Upper

56 100

69 164.4 26.7 40.1#

84 145.5 70.4 105.6#



#33

1,2-Dichloroethane-d4

Concen: 59.669 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. -0.000 min

Lab File: VD070128.D

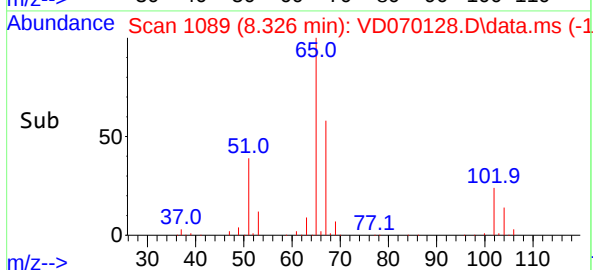
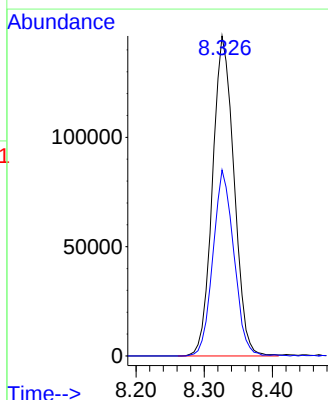
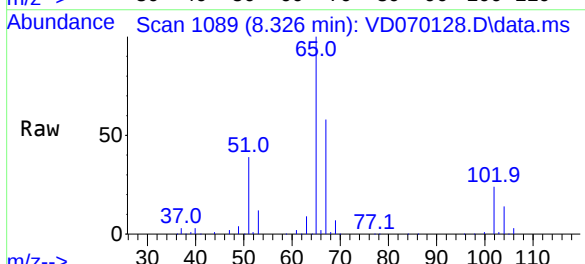
Acq: 18 Aug 2021 15:23

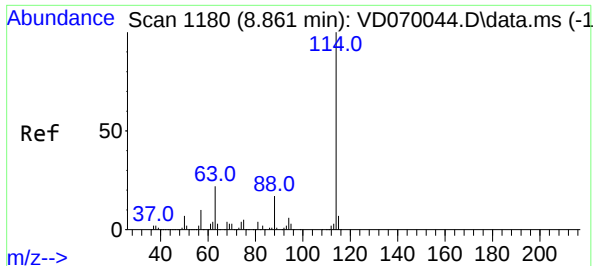
Tgt Ion: 65 Resp: 321722

Ion Ratio Lower Upper

65 100

67 56.5 0.0 107.8



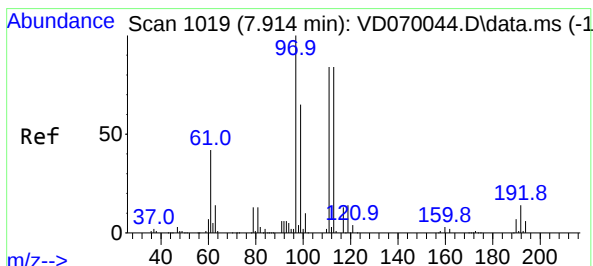
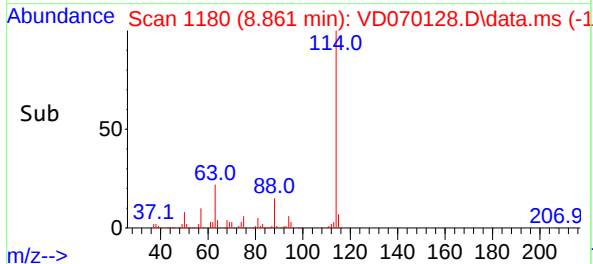
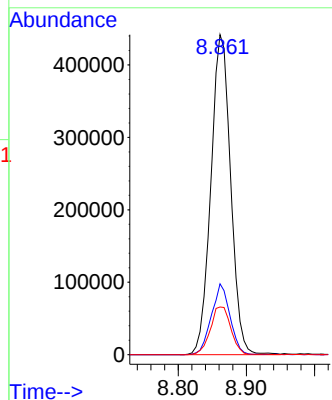
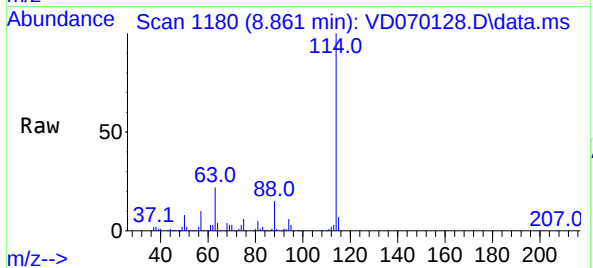


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

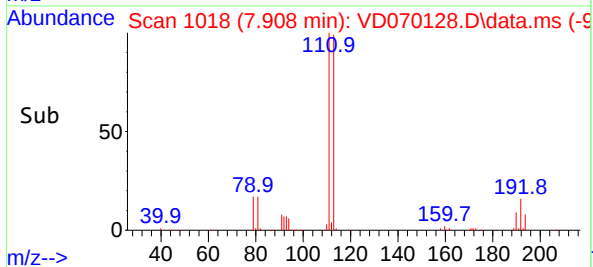
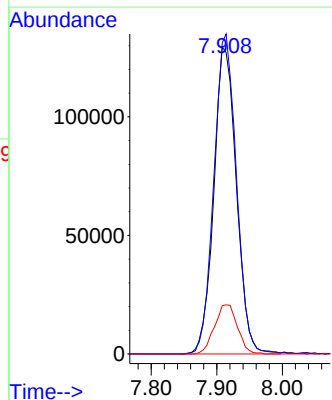
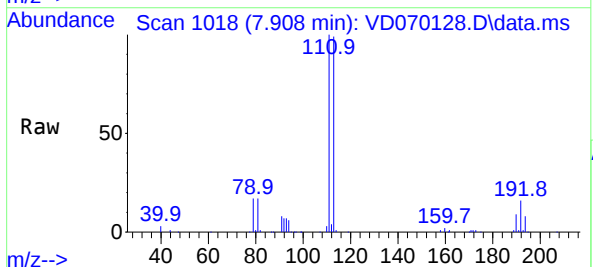
Tgt Ion:114 Resp: 892887
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 14.9 0.0 33.4

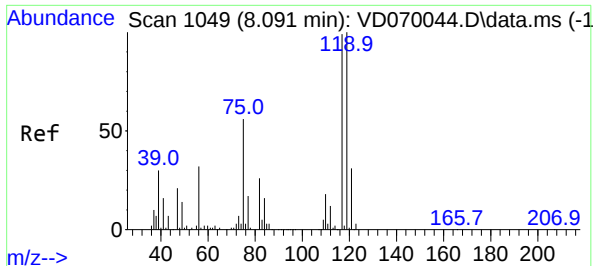


#35

Dibromofluoromethane
Concen: 53.648 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion:113 Resp: 309477
Ion Ratio Lower Upper
113 100
111 104.2 81.8 122.6
192 16.3 13.2 19.8

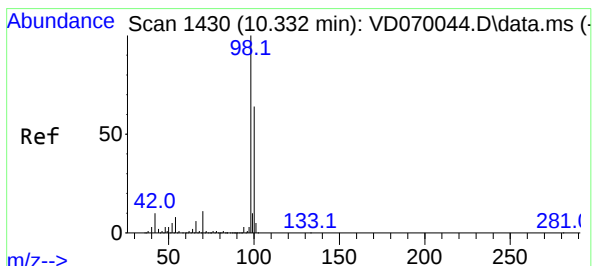
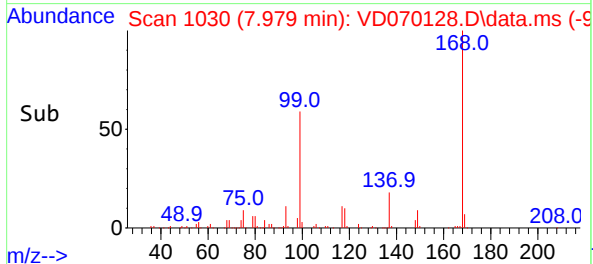
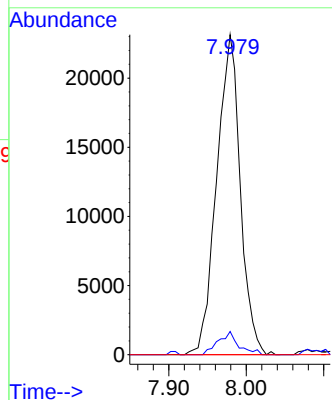
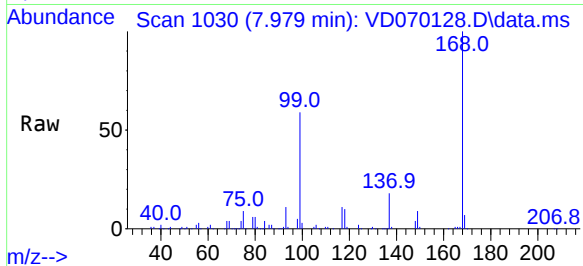




#38
Carbon Tetrachloride
Concen: 5.617 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.112 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

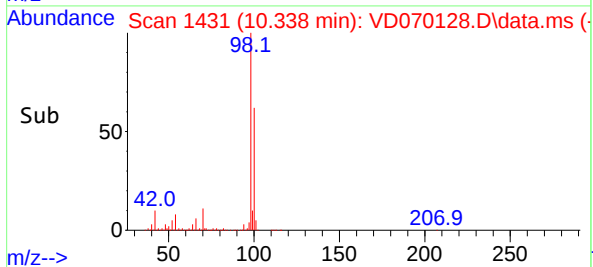
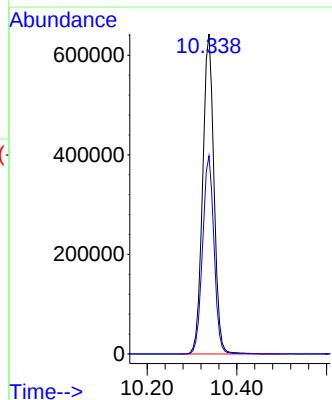
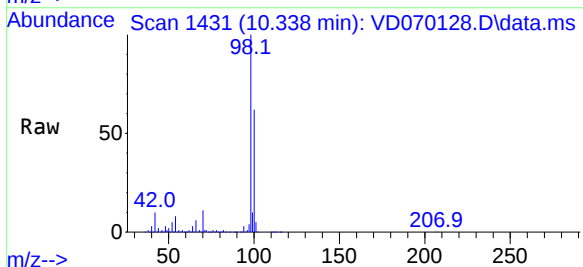
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

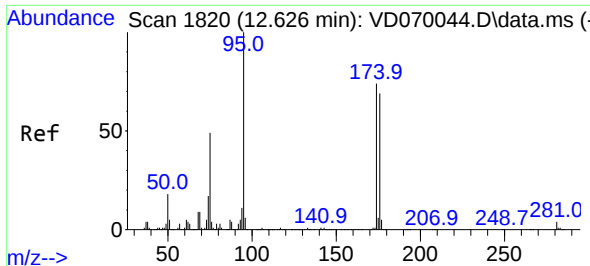
Tgt Ion:117 Resp: 48981
Ion Ratio Lower Upper
117 100
119 7.2 81.0 121.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 50.009 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 98 Resp: 1122045
Ion Ratio Lower Upper
98 100
100 62.7 52.6 78.8

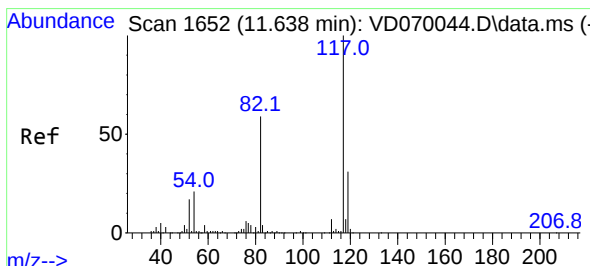
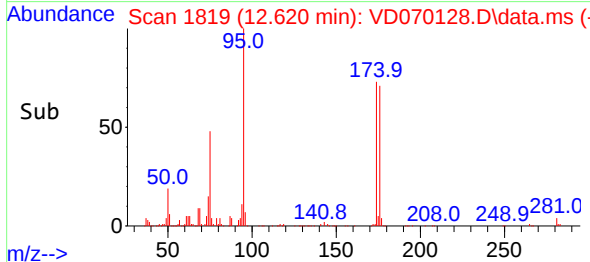
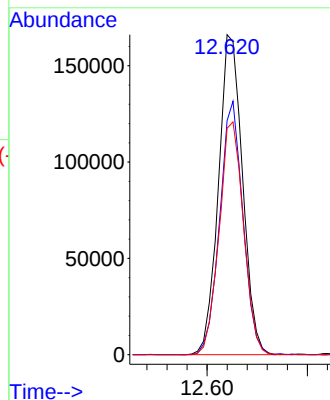
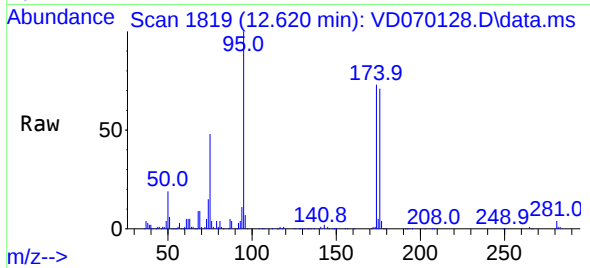




#62
4-Bromofluorobenzene
Concen: 37.374 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

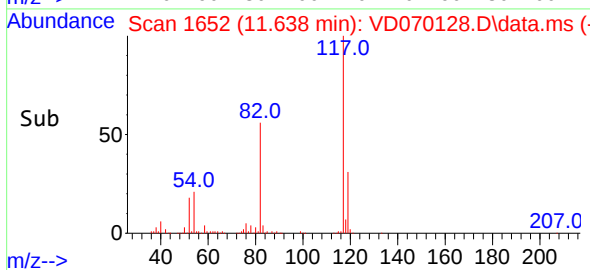
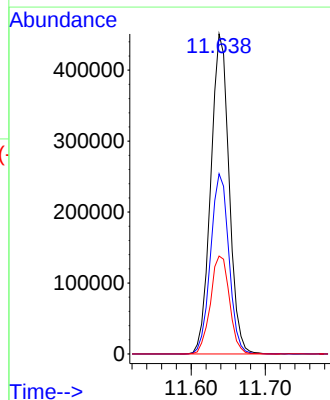
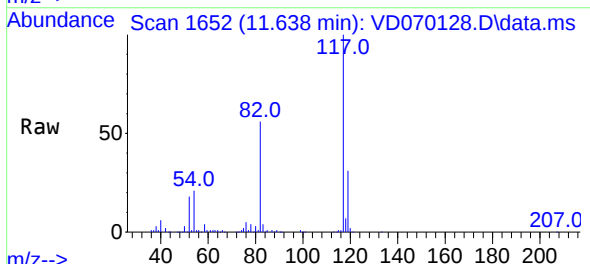
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

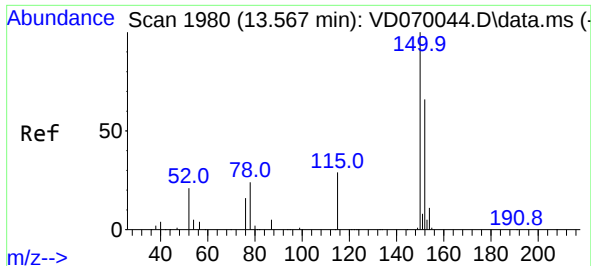
Tgt Ion: 95 Resp: 276201
Ion Ratio Lower Upper
95 100
174 76.4 0.0 141.6
176 73.2 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

Tgt Ion: 117 Resp: 772743
Ion Ratio Lower Upper
117 100
82 56.3 47.5 71.3
119 30.6 25.1 37.7

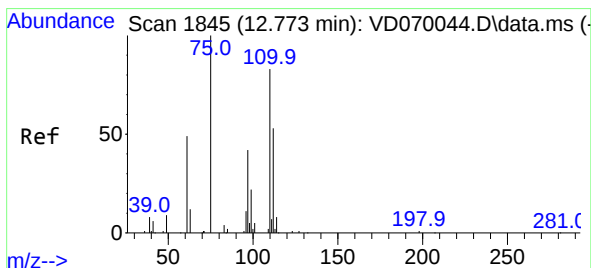
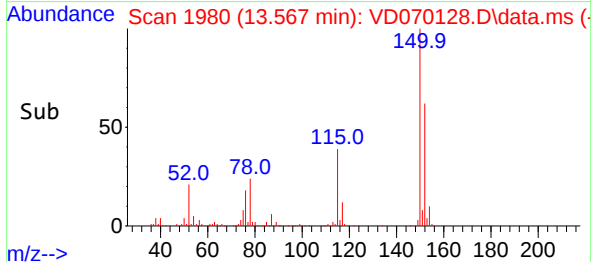
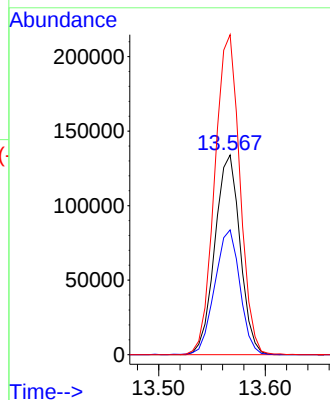
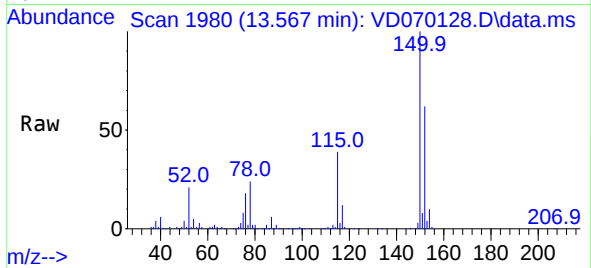




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

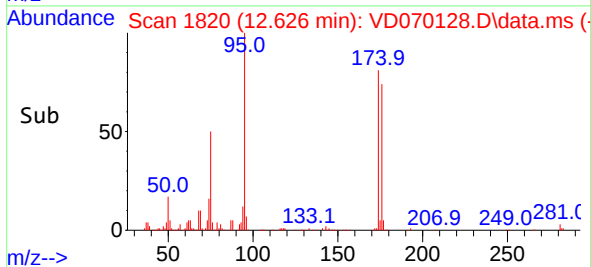
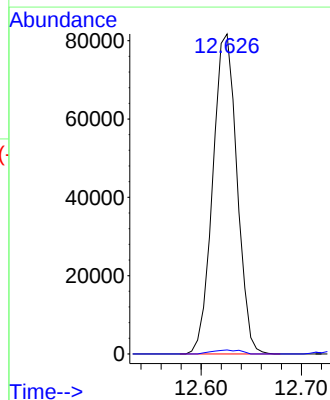
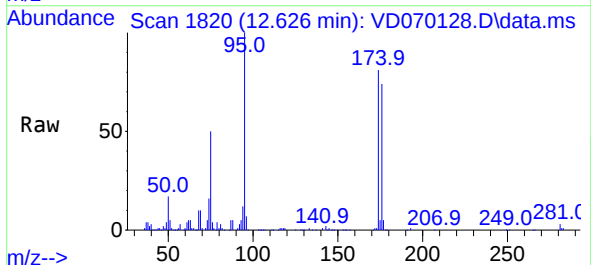
Instrument :
MSVOA_D
ClientSampleId :
SWCS-21-0002

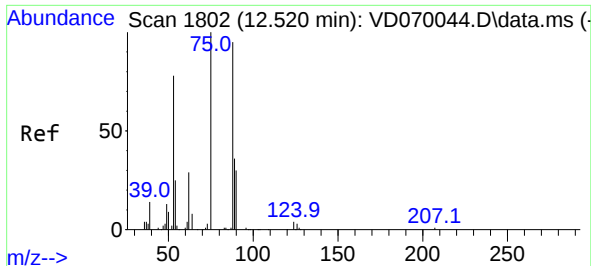
Tgt Ion:152 Resp: 219797
Ion Ratio Lower Upper
152 100
115 62.7 31.2 93.6
150 160.3 0.0 352.0



#76
1,2,3-Trichloropropane
Concen: 61.456 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.147 min
Lab File: VD070128.D
Acq: 18 Aug 2021 15:23

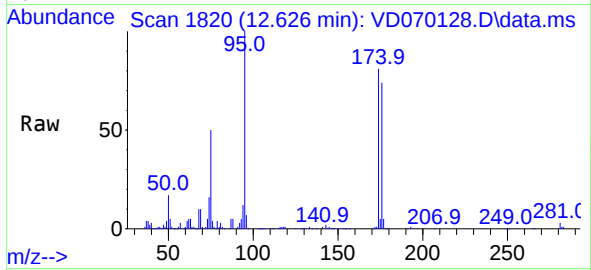
Tgt Ion: 75 Resp: 136988
Ion Ratio Lower Upper
75 100
77 1.5 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 159.517 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070128.D
 Acq: 18 Aug 2021 15:23

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-21-0002



Tgt Ion: 75 Resp: 136988

Ion	Ratio	Lower	Upper
75	100		
53	0.3	64.5	96.7#
89	0.0	33.7	50.5#

