

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081321\
 Data File : VD070052.D
 Acq On : 13 Aug 2021 16:19
 Operator : VA/SY
 Sample : M3368-09
 Misc : 4.97G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0205

Quant Time: Aug 14 02:51:05 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)

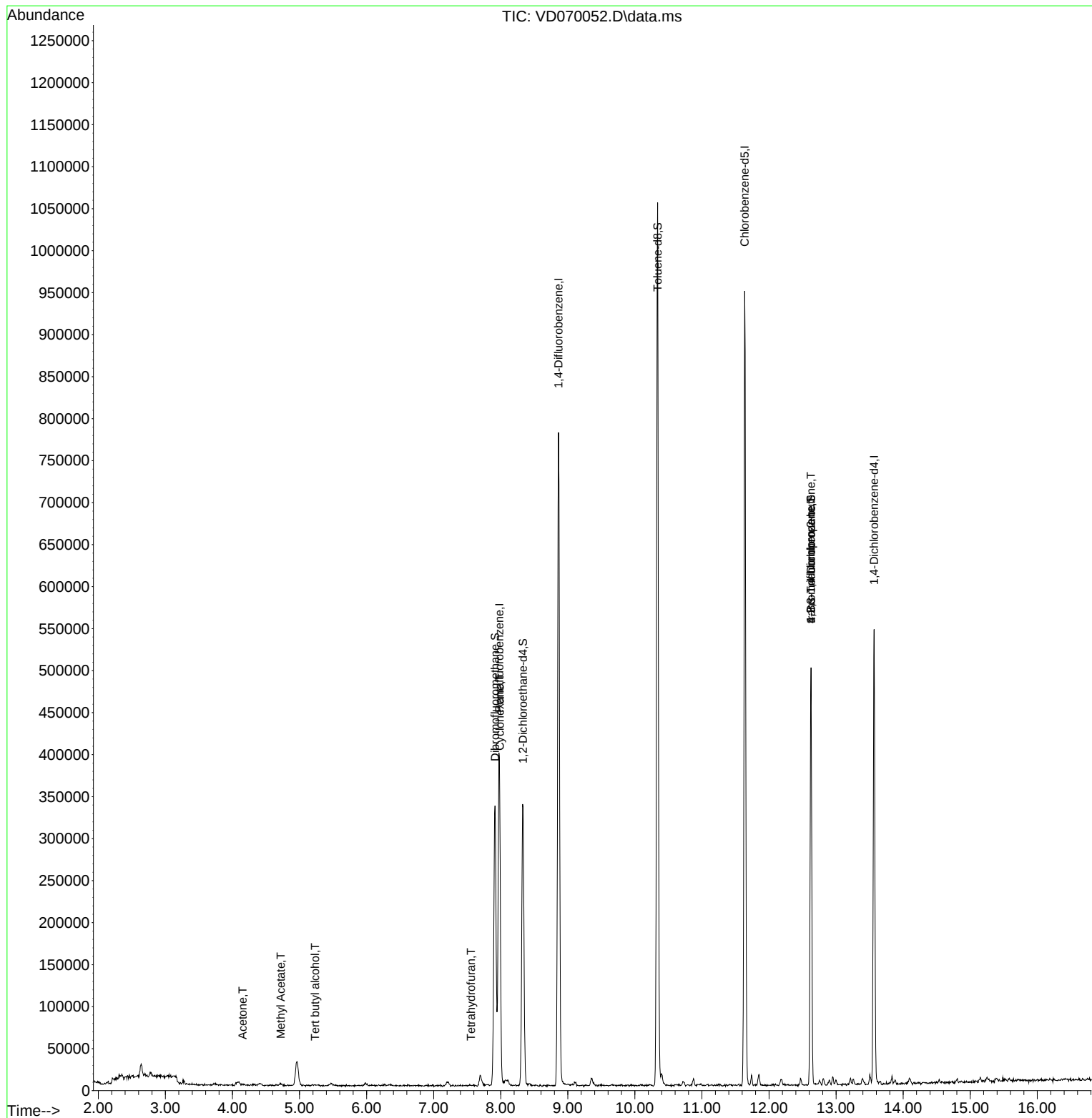
Internal Standards						
1) Pentafluorobenzene	7.979	168	283892	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	665603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	553370	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	145126	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	264316	79.160	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	158.320%
35) Dibromofluoromethane	7.914	113	247271	57.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	115.000%
50) Toluene-d8	10.338	98	732438	43.792	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	87.580%
62) 4-Bromofluorobenzene	12.626	95	169066	30.689	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	61.380%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	1523	Below Cal		80
3) Chloromethane	2.209	50	3043	Below Cal	#	49
5) Bromomethane	2.774	94	3166	Below Cal	#	70
11) Tert butyl alcohol	5.232	59	1577	8.545	ug/l #	71
16) Acetone	4.150	43	734	1.193	ug/l #	88
18) Methyl Acetate	4.721	43	2412	1.315	ug/l #	50
20) Methylene Chloride	4.962	84	23250	Below Cal	#	94
29) Tetrahydrofuran	7.556	42	860	1.563	ug/l #	38
31) Cyclohexane	7.985	56	9829	1.487	ug/l #	8
76) 1,2,3-Trichloropropane	12.626	75	85079	57.807	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.626	75	85079	150.046	ug/l #	18

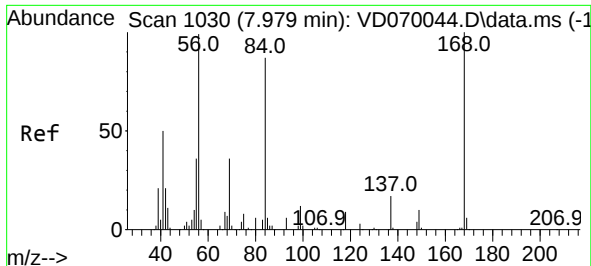
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 14 02:51:05 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

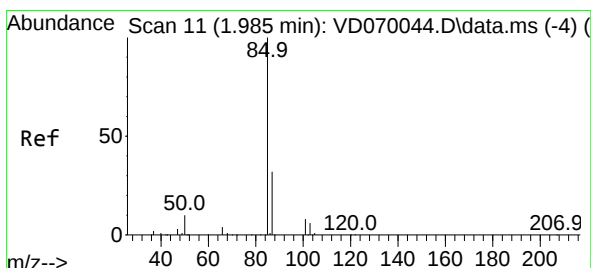
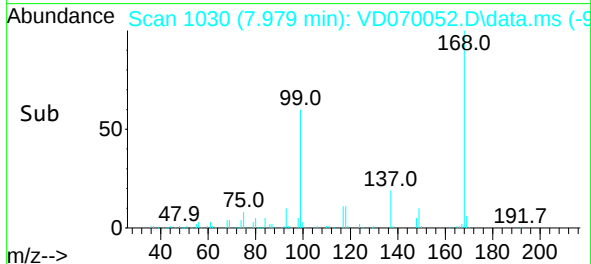
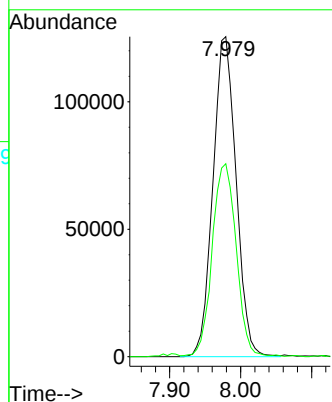
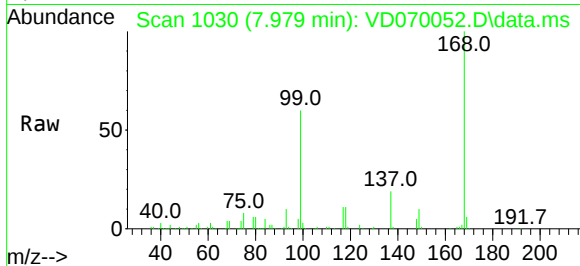




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

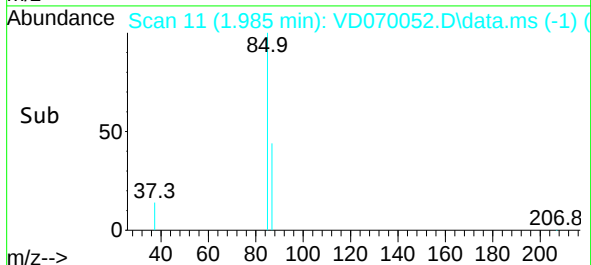
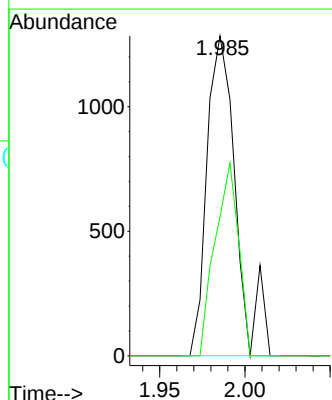
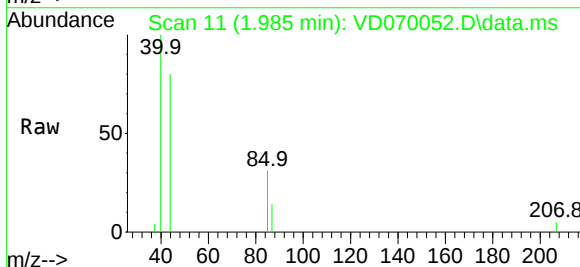
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

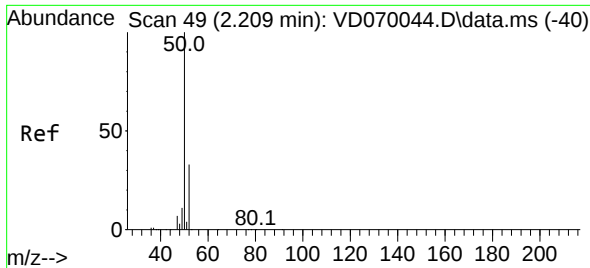
Tgt Ion:168 Resp: 283892
Ion Ratio Lower Upper
168 100
99 60.0 50.3 75.5



#2
Dichlorodifluoromethane
Concen: Below Cal
RT: 1.985 min Scan# 11
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 85 Resp: 1523
Ion Ratio Lower Upper
85 100
87 43.5 16.2 48.6

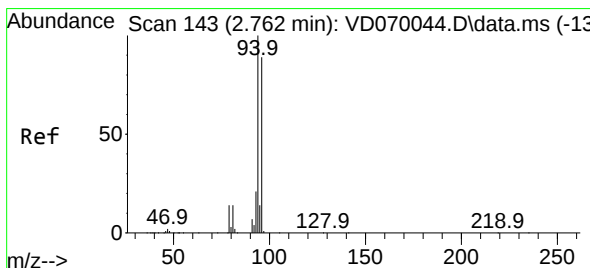
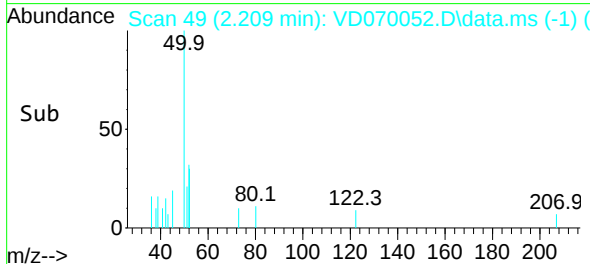
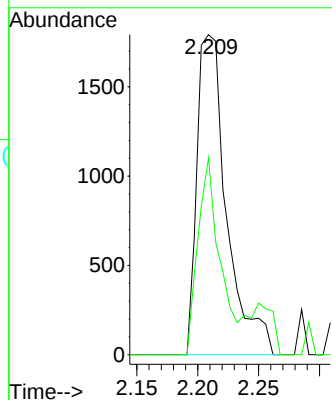
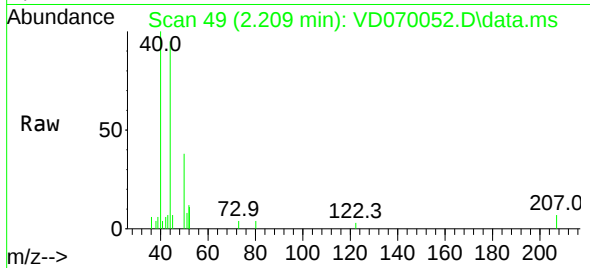




#3
Chloromethane
Concen: Below Cal
RT: 2.209 min Scan# 49
Delta R.T. -0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

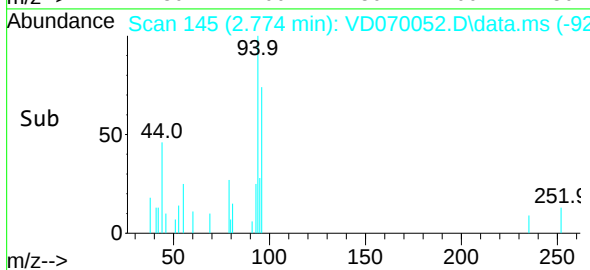
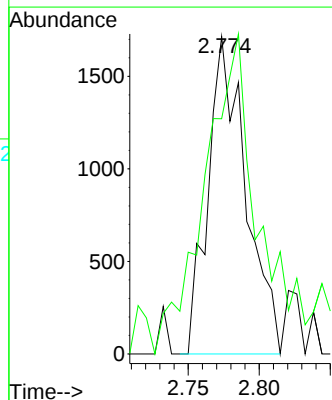
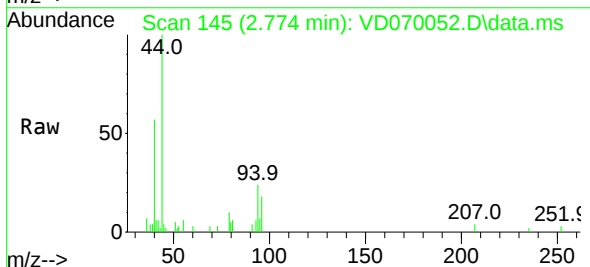
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

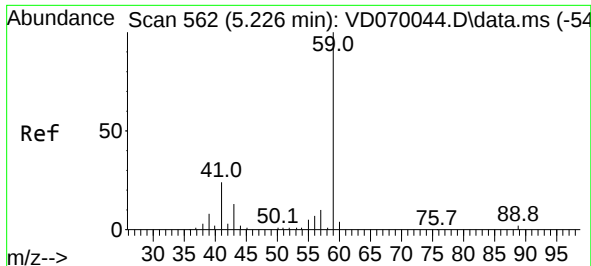
Tgt Ion: 50 Resp: 3043
Ion Ratio Lower Upper
50 100
52 61.4 26.3 39.5#



#5
Bromomethane
Concen: Below Cal
RT: 2.774 min Scan# 145
Delta R.T. 0.012 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 94 Resp: 3166
Ion Ratio Lower Upper
94 100
96 60.6 70.9 106.3#

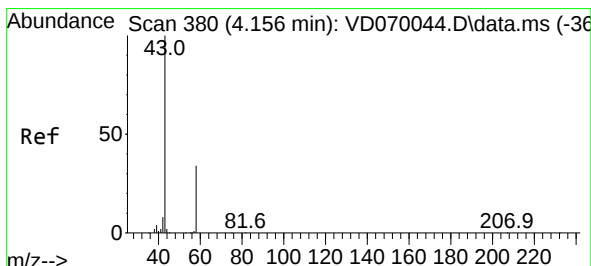
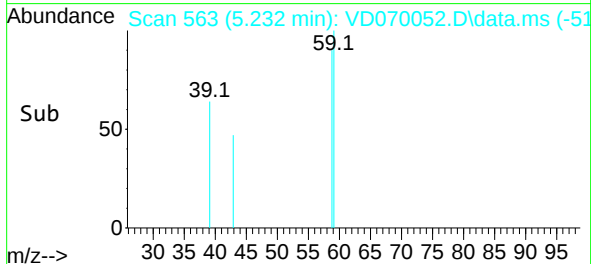
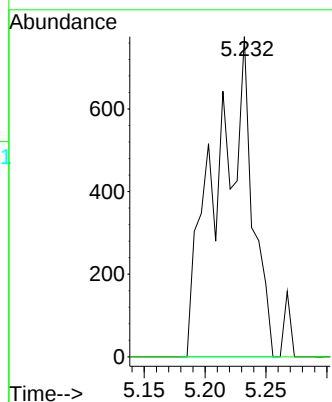
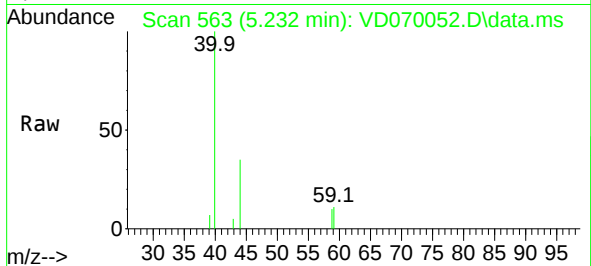




#11
Tert butyl alcohol
Concen: 8.545 ug/l
RT: 5.232 min Scan# 563
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

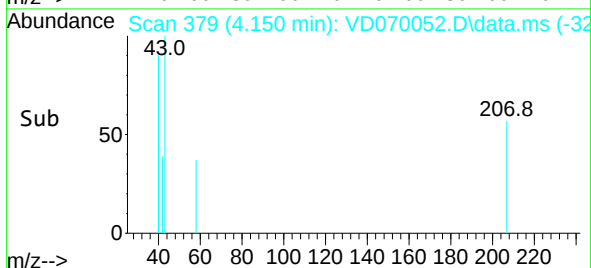
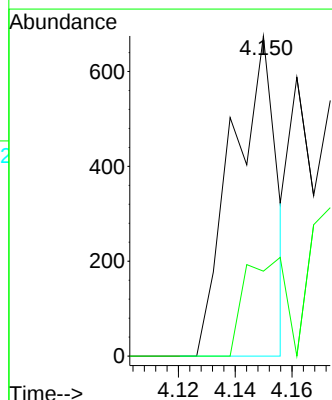
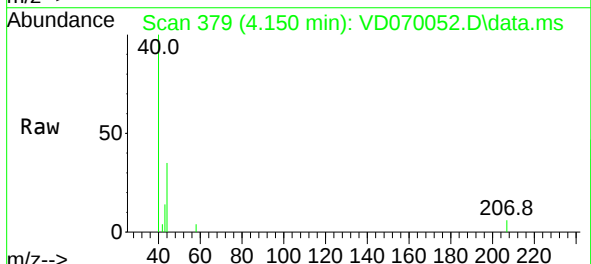
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

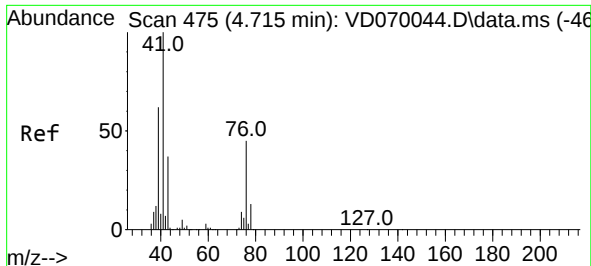
Tgt Ion: 59 Resp: 1577
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#



#16
Acetone
Concen: 1.193 ug/l
RT: 4.150 min Scan# 379
Delta R.T. -0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 43 Resp: 734
Ion Ratio Lower Upper
43 100
58 26.5 26.8 40.2#

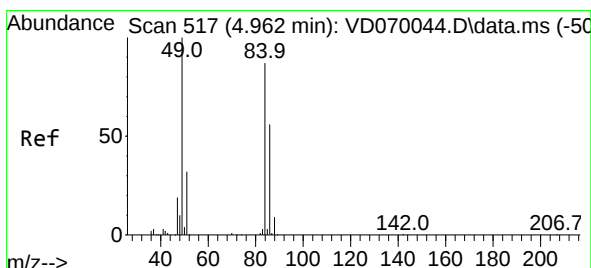
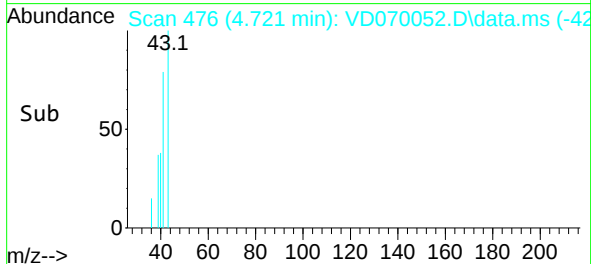
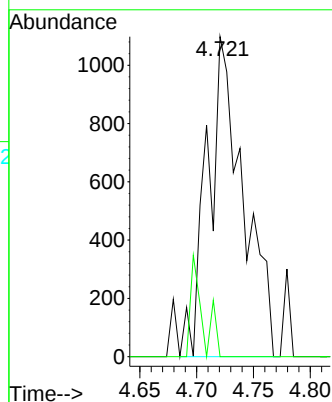
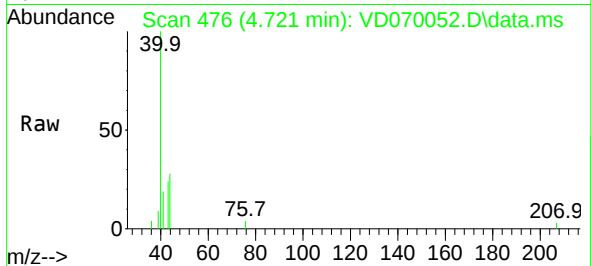




#18
Methyl Acetate
Concen: 1.315 ug/l
RT: 4.721 min Scan# 476
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

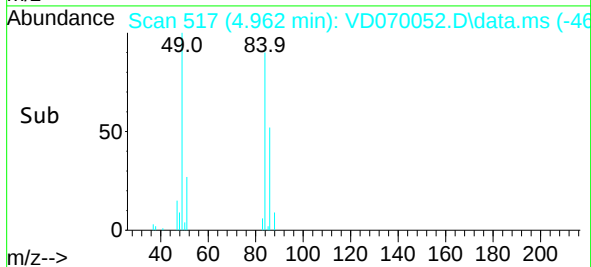
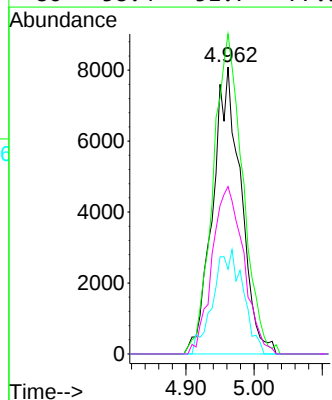
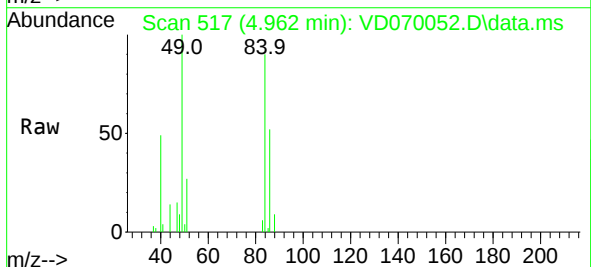
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

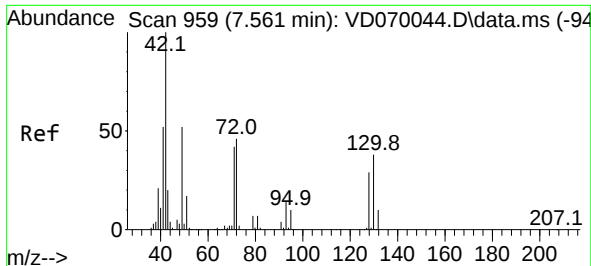
Tgt Ion: 43 Resp: 2412
Ion Ratio Lower Upper
43 100
74 0.0 20.2 30.2#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.962 min Scan# 517
Delta R.T. -0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 84 Resp: 23250
Ion Ratio Lower Upper
84 100
49 111.6 92.5 138.7
51 29.6 29.7 44.5#
86 58.4 51.7 77.5





#29

Tetrahydrofuran

Concen: 1.563 ug/l

RT: 7.556 min Scan# 958

Delta R.T. -0.006 min

Lab File: VD070052.D

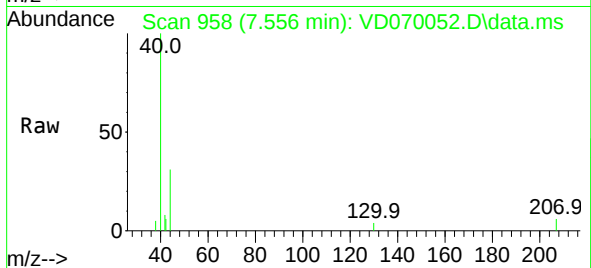
Acq: 13 Aug 2021 16:19

Instrument :

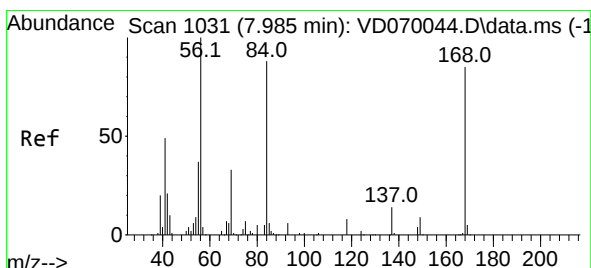
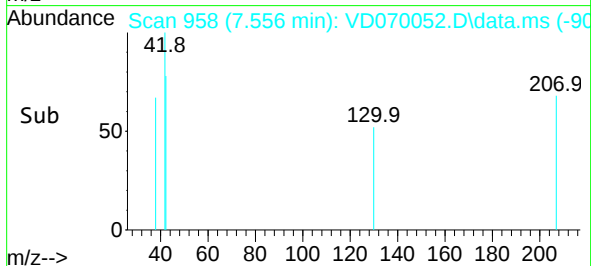
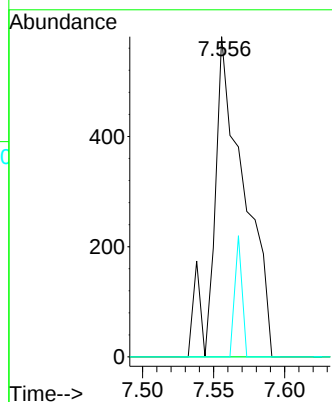
MSVOA_D

ClientSampleId :

SWCS-07-0205



Tgt Ion:	42	Resp:	860
Ion Ratio	Lower	Upper	
42	100		
72	0.0	37.5	56.3#
71	9.1	33.6	50.4#



#31

Cyclohexane

Concen: 1.487 ug/l

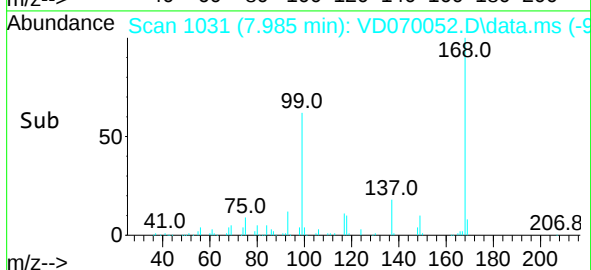
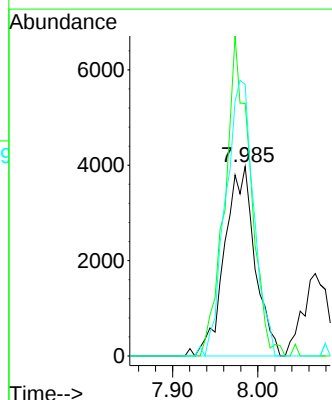
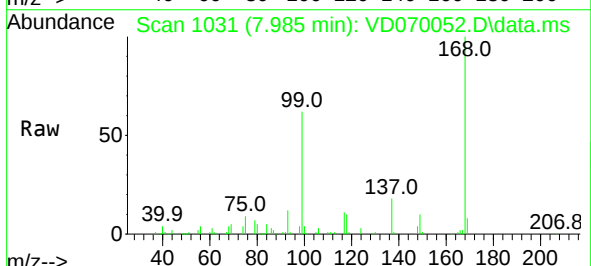
RT: 7.985 min Scan# 1031

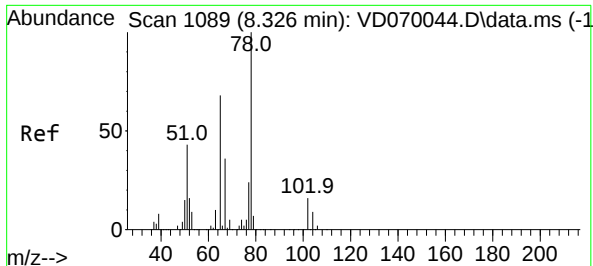
Delta R.T. 0.000 min

Lab File: VD070052.D

Acq: 13 Aug 2021 16:19

Tgt Ion:	56	Resp:	9829
Ion Ratio	Lower	Upper	
56	100		
69	133.4	26.7	40.1#
84	143.4	70.4	105.6#



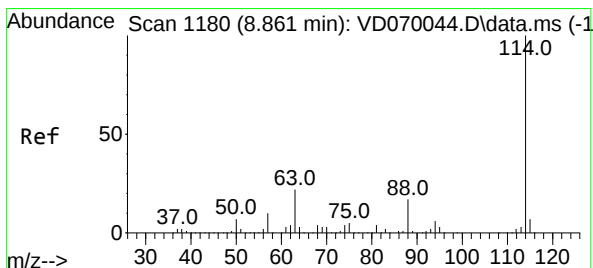
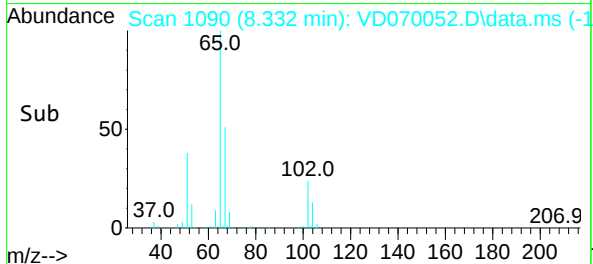
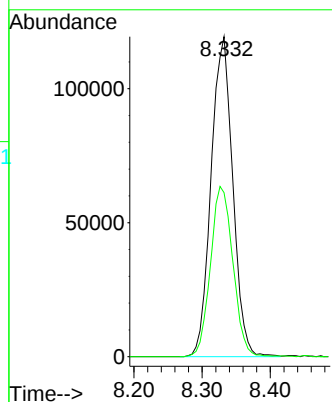
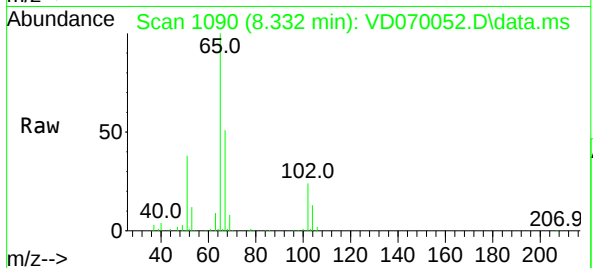


#33

1,2-Dichloroethane-d4
Concen: 79.160 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

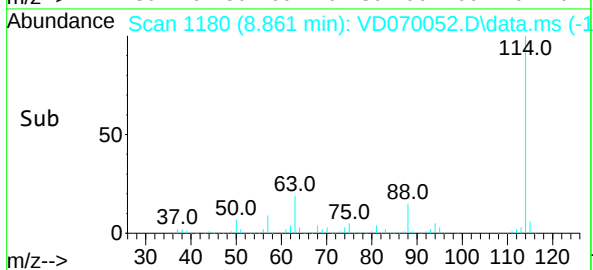
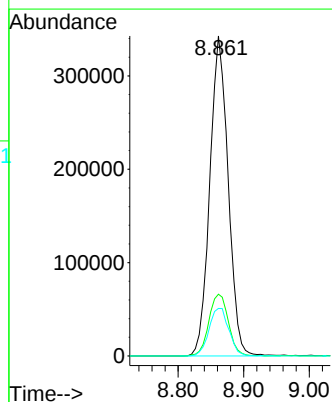
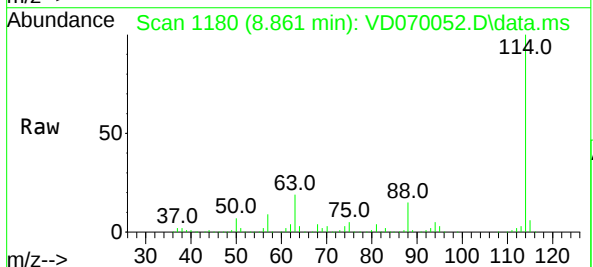
Tgt Ion: 65 Resp: 264316
Ion Ratio Lower Upper
65 100
67 55.2 0.0 107.8

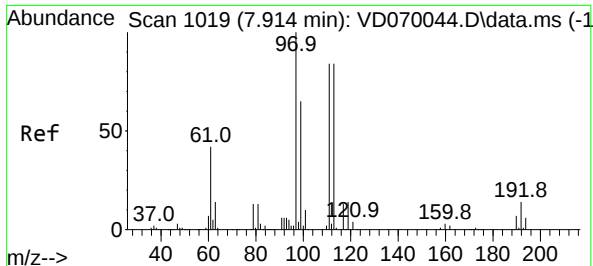


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 114 Resp: 665603
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.6
88 14.9 0.0 33.4



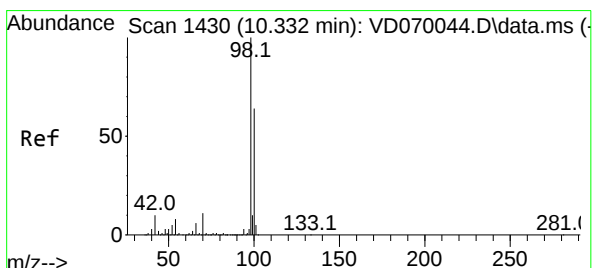
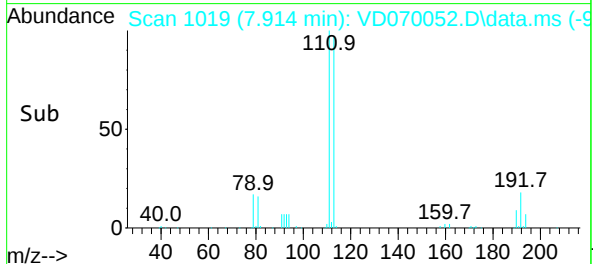
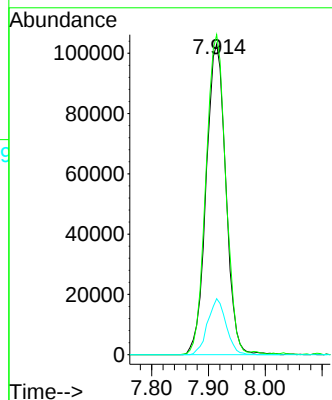
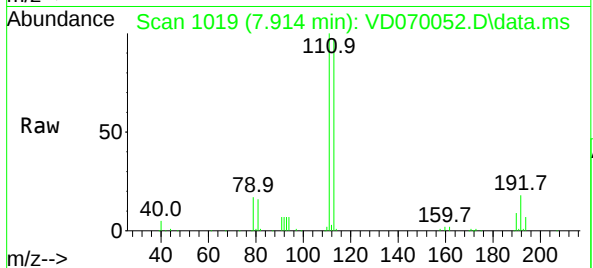


#35

Dibromofluoromethane
Concen: 57.502 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

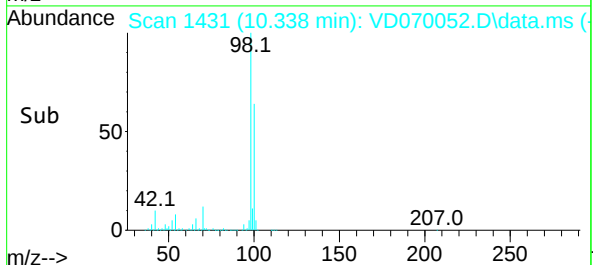
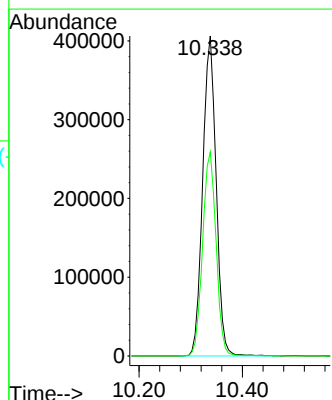
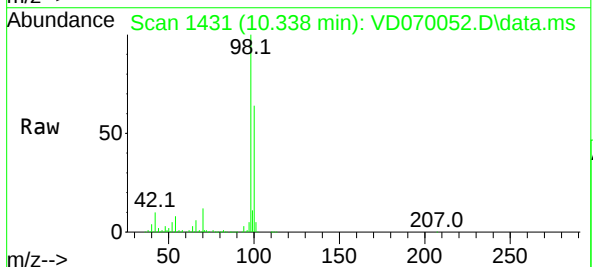
Tgt Ion:113 Resp: 247271
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.9 13.2 19.8

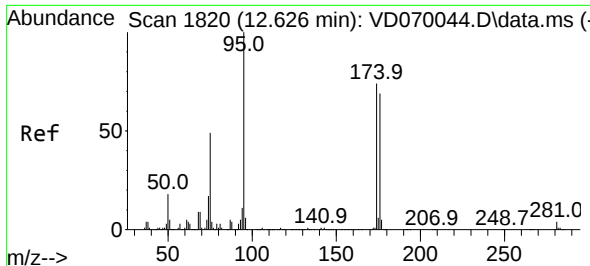


#50

Toluene-d8
Concen: 43.792 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 98 Resp: 732438
Ion Ratio Lower Upper
98 100
100 64.2 52.6 78.8

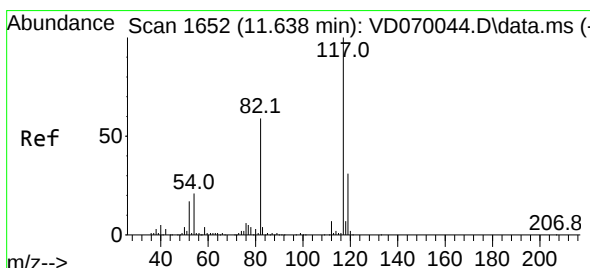
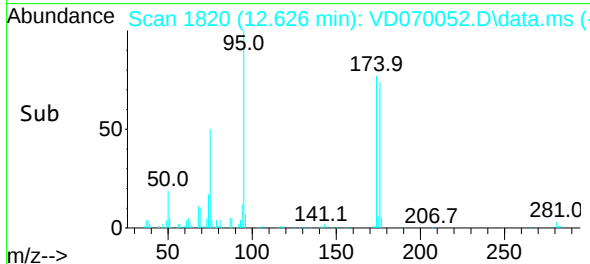
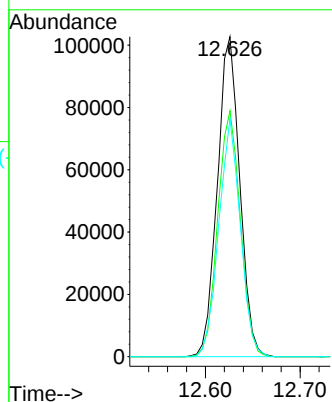
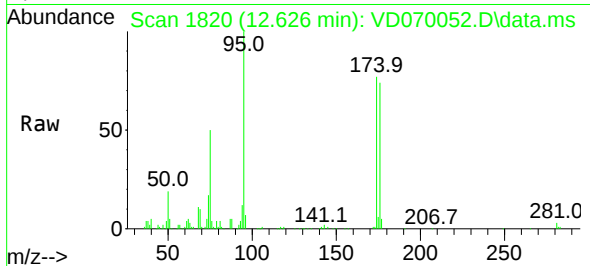




#62
4-Bromofluorobenzene
Concen: 30.689 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

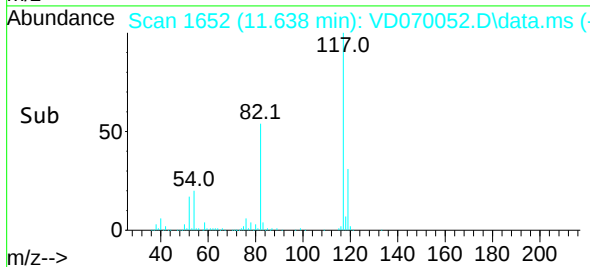
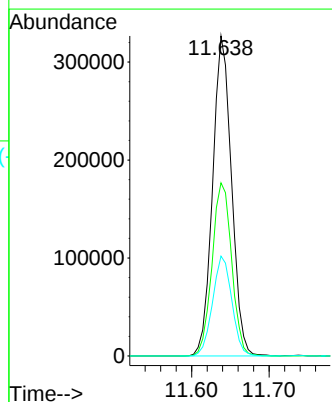
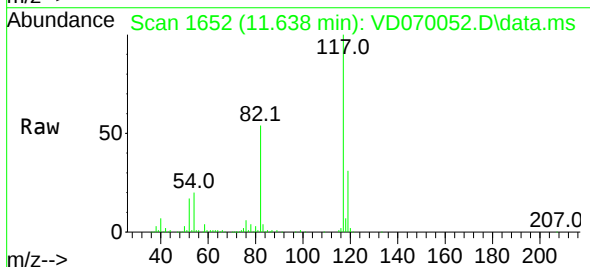
Instrument :
MSVOA_D
ClientSampleId :
SWCS-07-0205

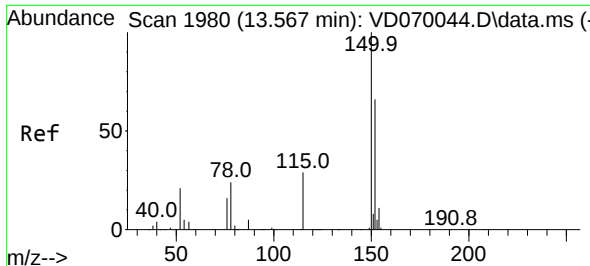
Tgt Ion: 95 Resp: 169066
Ion Ratio Lower Upper
95 100
174 77.4 0.0 141.6
176 71.6 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070052.D
Acq: 13 Aug 2021 16:19

Tgt Ion: 117 Resp: 553370
Ion Ratio Lower Upper
117 100
82 54.1 47.5 71.3
119 31.2 25.1 37.7

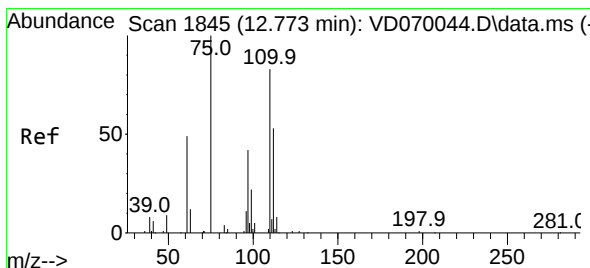
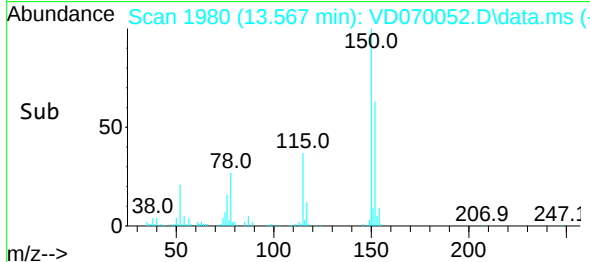
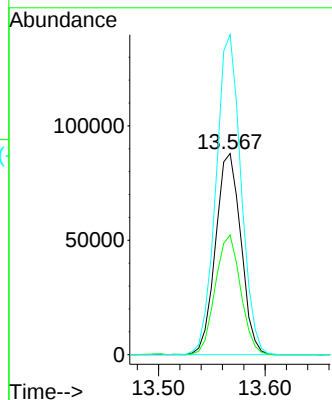
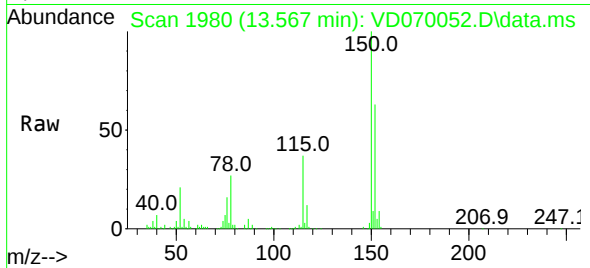




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070052.D
 Acq: 13 Aug 2021 16:19

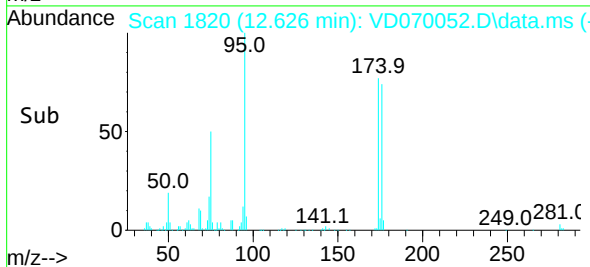
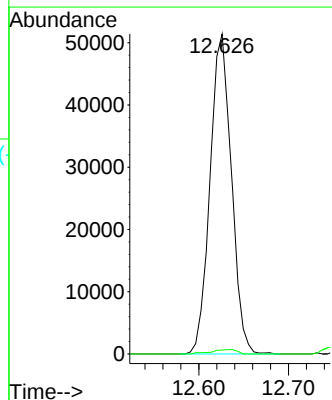
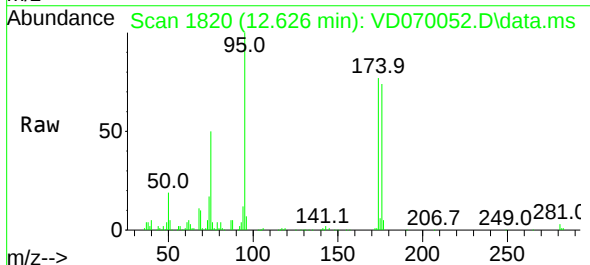
Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0205

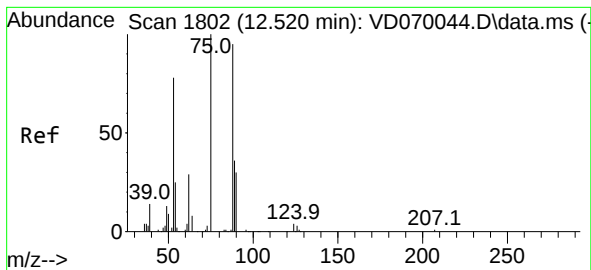
Tgt Ion:152 Resp: 145126
 Ion Ratio Lower Upper
 152 100
 115 59.3 31.2 93.6
 150 157.1 0.0 352.0



#76
 1,2,3-Trichloropropane
 Concen: 57.807 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. -0.147 min
 Lab File: VD070052.D
 Acq: 13 Aug 2021 16:19

Tgt Ion: 75 Resp: 85079
 Ion Ratio Lower Upper
 75 100
 77 1.6 182.4 547.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 150.046 ug/l
 RT: 12.626 min Scan# 1820
 Delta R.T. 0.106 min
 Lab File: VD070052.D
 Acq: 13 Aug 2021 16:19

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-07-0205

Tgt Ion: 75 Resp: 85079
 Ion Ratio Lower Upper
 75 100
 53 0.2 64.5 96.7#
 89 0.1 33.7 50.5#

