

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD082021\
 Data File : VD070209.D
 Acq On : 20 Aug 2021 18:13
 Operator : VA/SY
 Sample : M3463-13
 Misc : 5.94G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-16-0002

Quant Time: Aug 23 03:54:48 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)

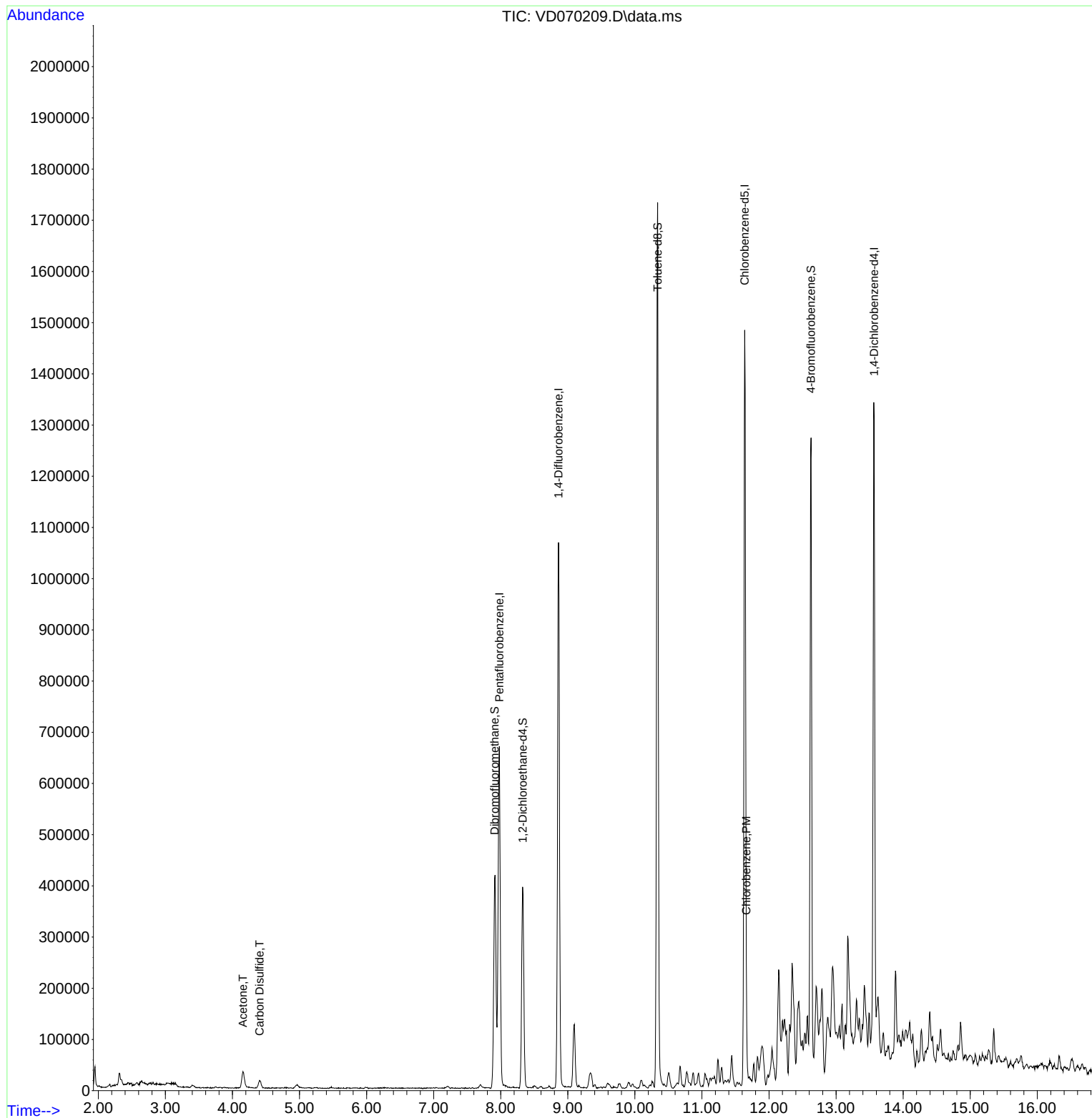
Internal Standards						
1) Pentafluorobenzene	7.979	168	464449	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	903711	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	880301	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	340046	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	307954	56.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.740%
35) Dibromofluoromethane	7.909	113	307640	52.691	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	105.380%
50) Toluene-d8	10.338	98	1158515	51.016	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.040%
62) 4-Bromofluorobenzene	12.626	95	407221	54.444	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	108.880%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	56109	55.757	ug/l #	87
17) Carbon Disulfide	4.403	76	31592	1.584	ug/l #	90
65) Chlorobenzene	11.661	112	25267	1.374	ug/l	96

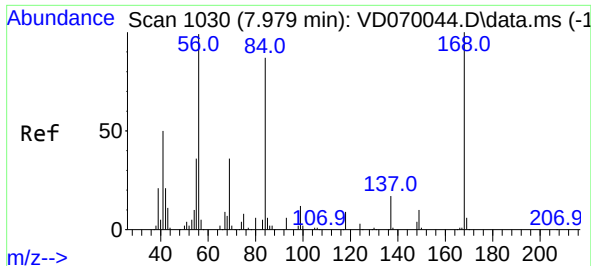
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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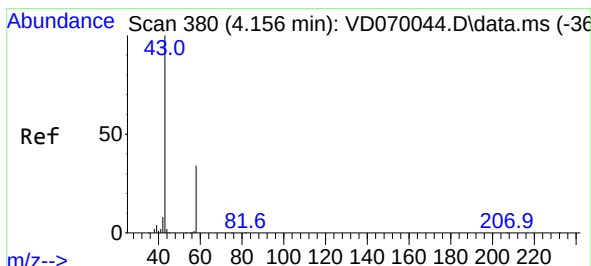
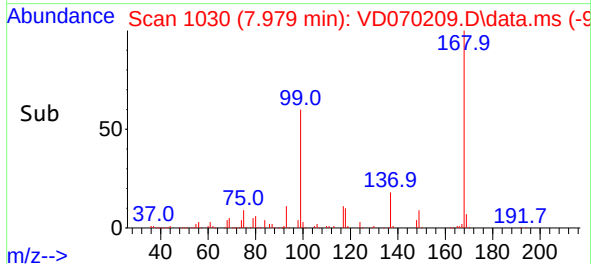
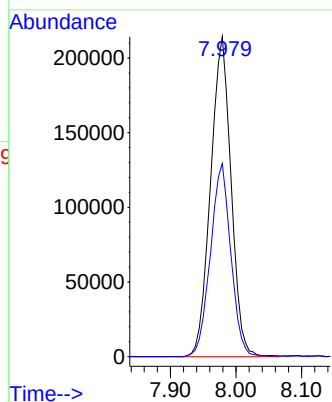
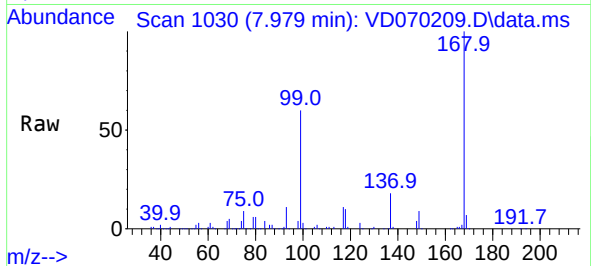




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

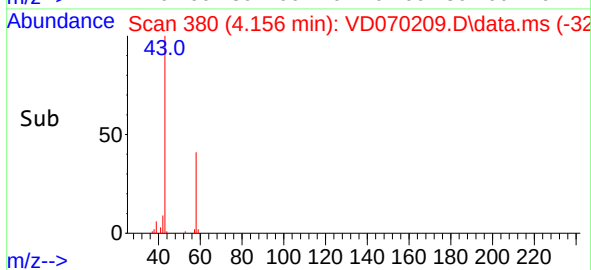
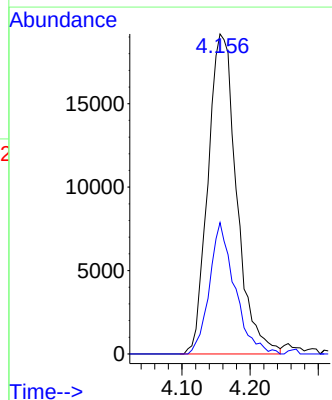
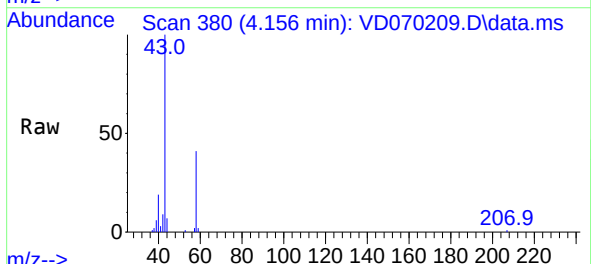
Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

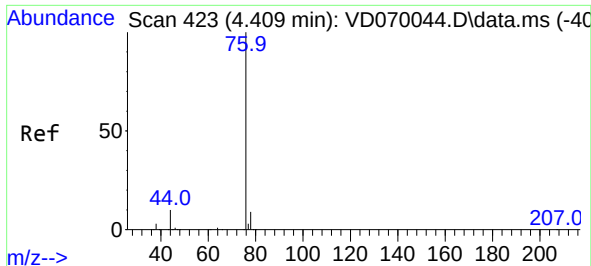
Tgt Ion:168 Resp: 464449
Ion Ratio Lower Upper
168 100
99 60.4 50.3 75.5



#16
Acetone
Concen: 55.757 ug/l
RT: 4.156 min Scan# 380
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

Tgt Ion: 43 Resp: 56109
Ion Ratio Lower Upper
43 100
58 41.1 26.8 40.2#

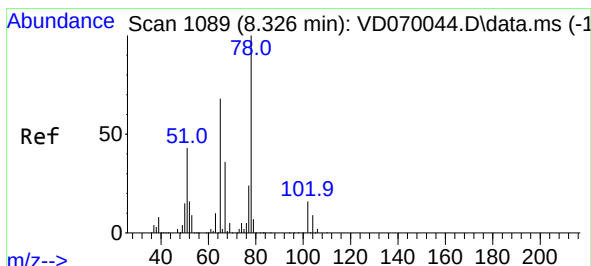
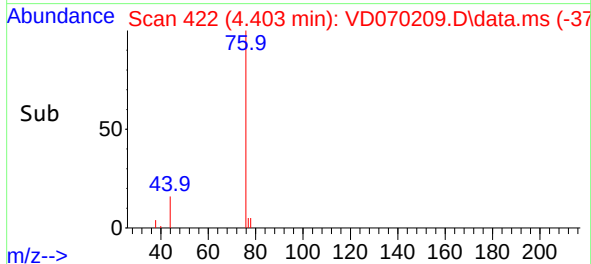
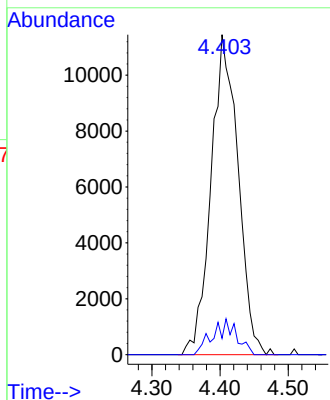
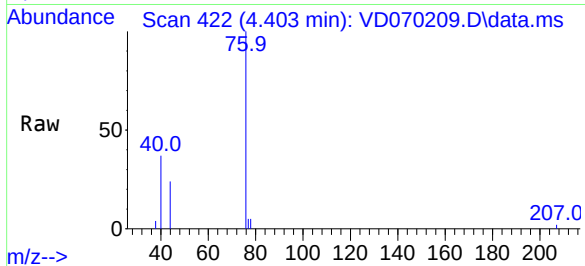




#17
Carbon Disulfide
Concen: 1.584 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

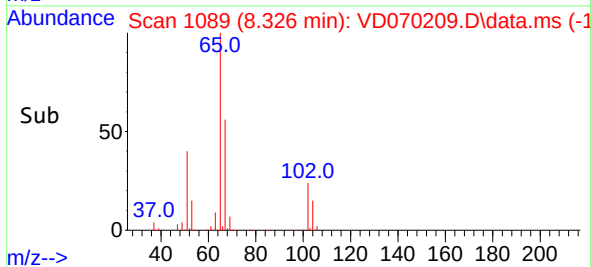
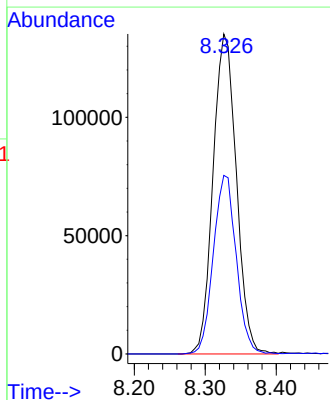
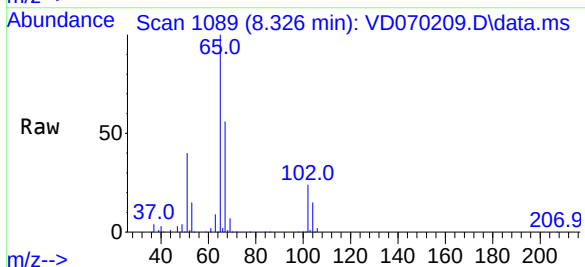
Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

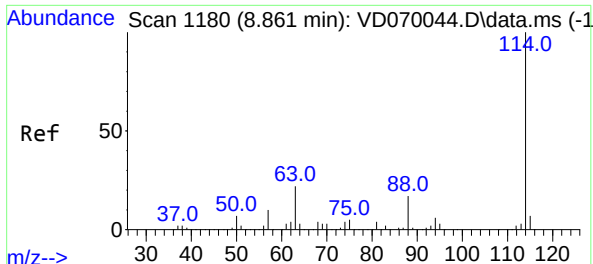
Tgt Ion: 76 Resp: 31592
Ion Ratio Lower Upper
76 100
78 5.1 7.1 10.7#



#33
1,2-Dichloroethane-d4
Concen: 56.374 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

Tgt Ion: 65 Resp: 307954
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8

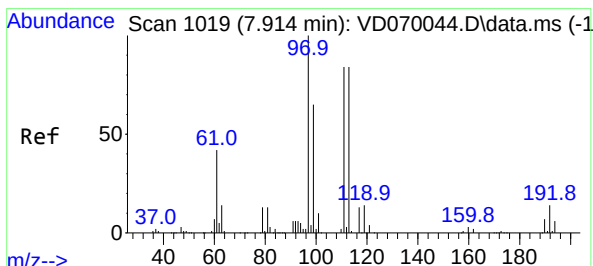
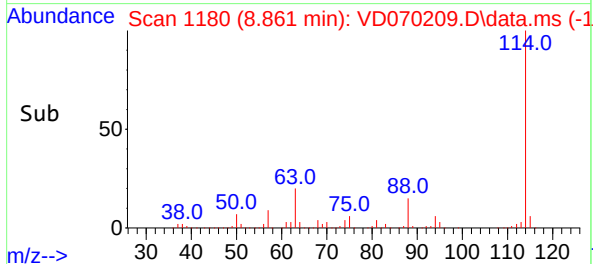
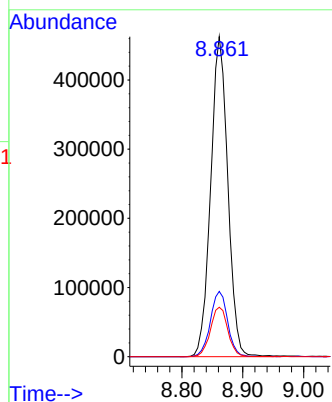
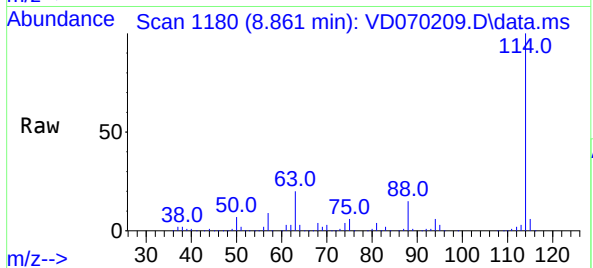




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

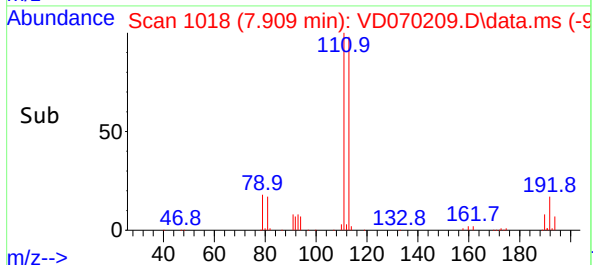
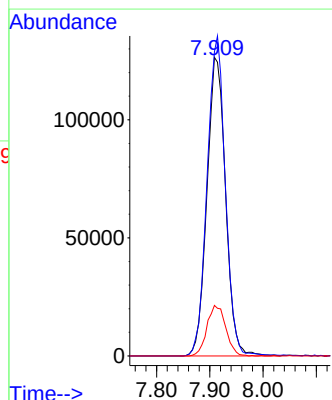
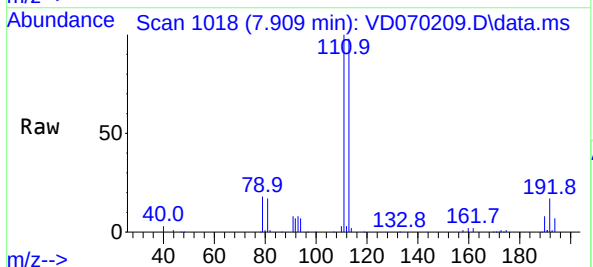
Instrument :
MSVOA_D
ClientSampleId :
SWCS-16-0002

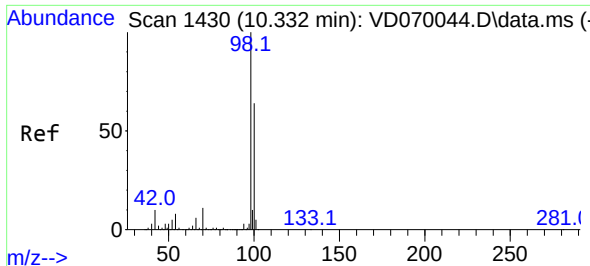
Tgt Ion:114 Resp: 903711
Ion Ratio Lower Upper
114 100
63 20.4 0.0 43.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 52.691 ug/l
RT: 7.909 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

Tgt Ion:113 Resp: 307640
Ion Ratio Lower Upper
113 100
111 104.5 81.8 122.6
192 17.1 13.2 19.8

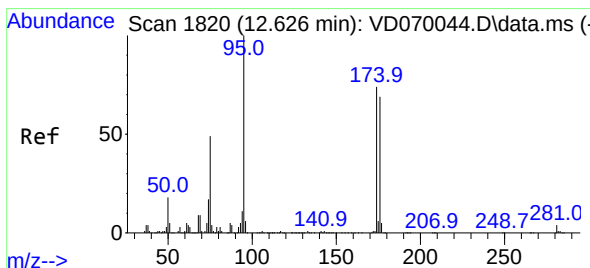
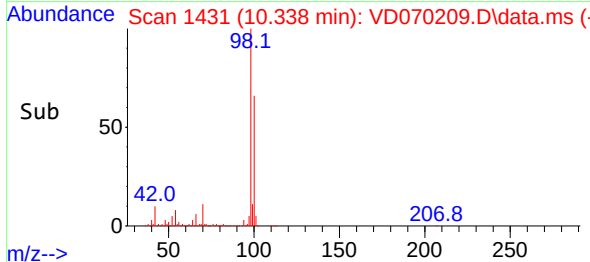
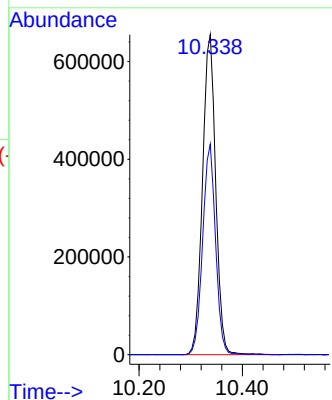
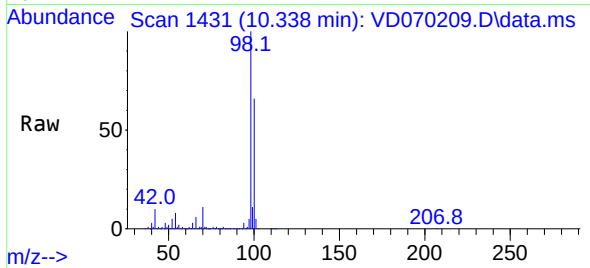




#50
Toluene-d8
Concen: 51.016 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

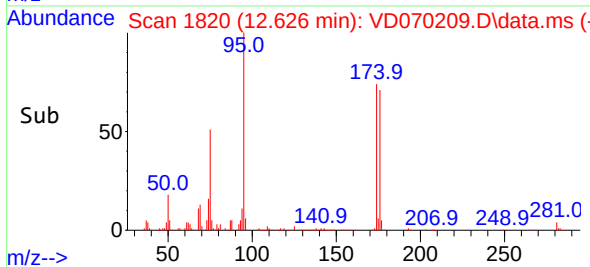
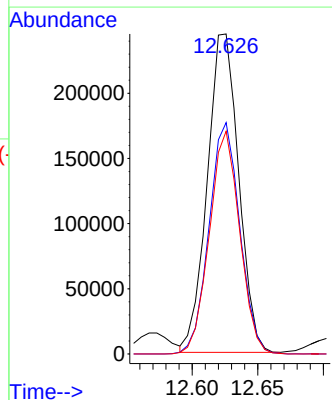
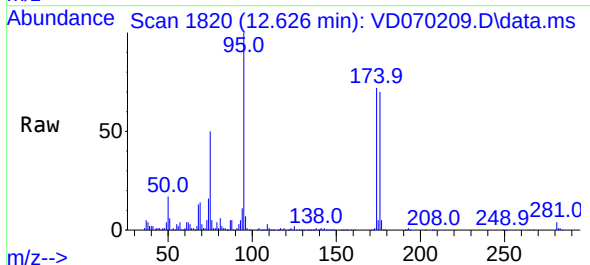
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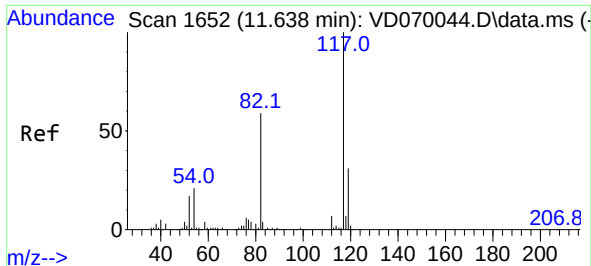
Tgt Ion: 98 Resp: 1158515
Ion Ratio Lower Upper
98 100
100 64.4 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 54.444 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

Tgt Ion: 95 Resp: 407221
Ion Ratio Lower Upper
95 100
174 71.1 0.0 141.6
176 67.3 0.0 138.2

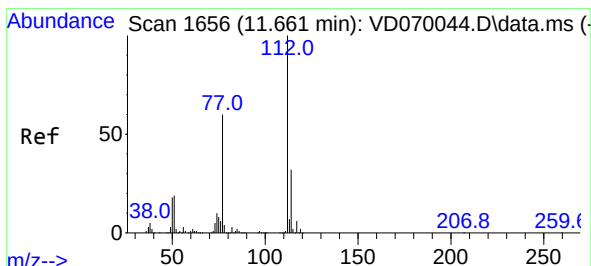
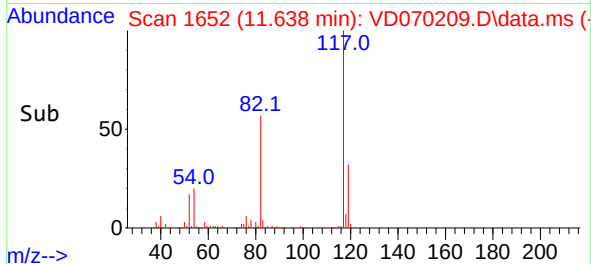
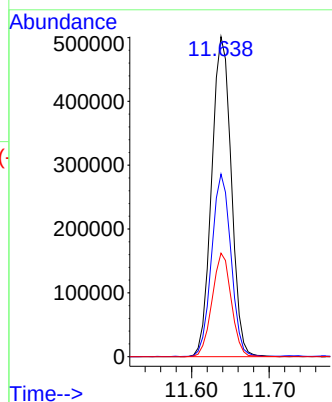
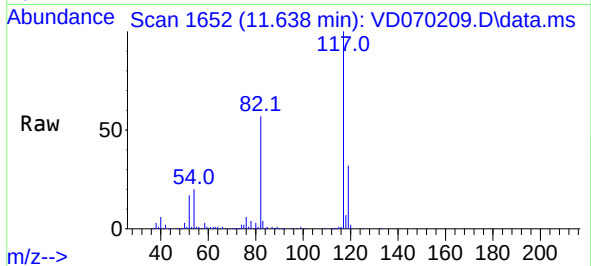




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

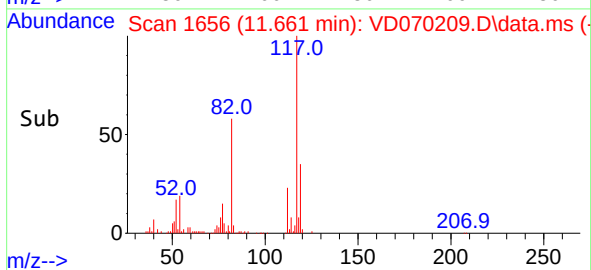
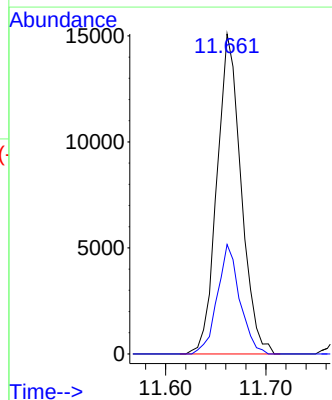
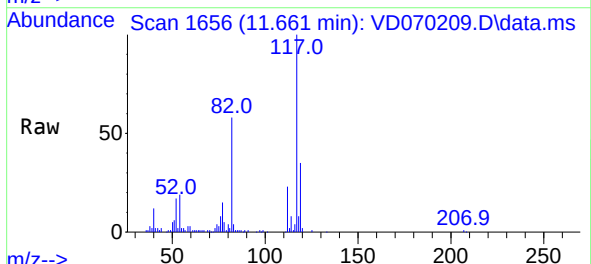
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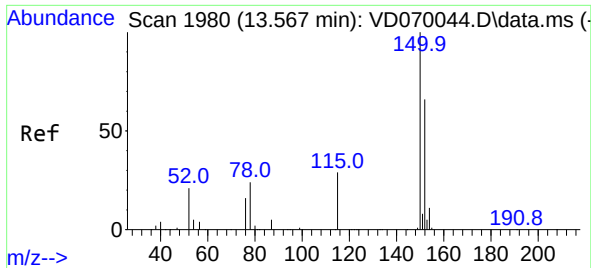
Tgt Ion:117 Resp: 880301
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.3 25.1 37.7



#65
Chlorobenzene
Concen: 1.374 ug/l
RT: 11.661 min Scan# 1656
Delta R.T. 0.000 min
Lab File: VD070209.D
Acq: 20 Aug 2021 18:13

Tgt Ion:112 Resp: 25267
Ion Ratio Lower Upper
112 100
114 34.2 25.5 38.3





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD070209.D
 Acq: 20 Aug 2021 18:13

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-16-0002

Tgt Ion:152 Resp: 340046
 Ion Ratio Lower Upper
 152 100
 115 61.0 31.2 93.6
 150 155.3 0.0 352.0

