

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070130.D
 Acq On : 18 Aug 2021 16:21
 Operator : VA/SY
 Sample : M3435-09
 Misc : 3.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0306

Quant Time: Aug 19 07:31:38 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)

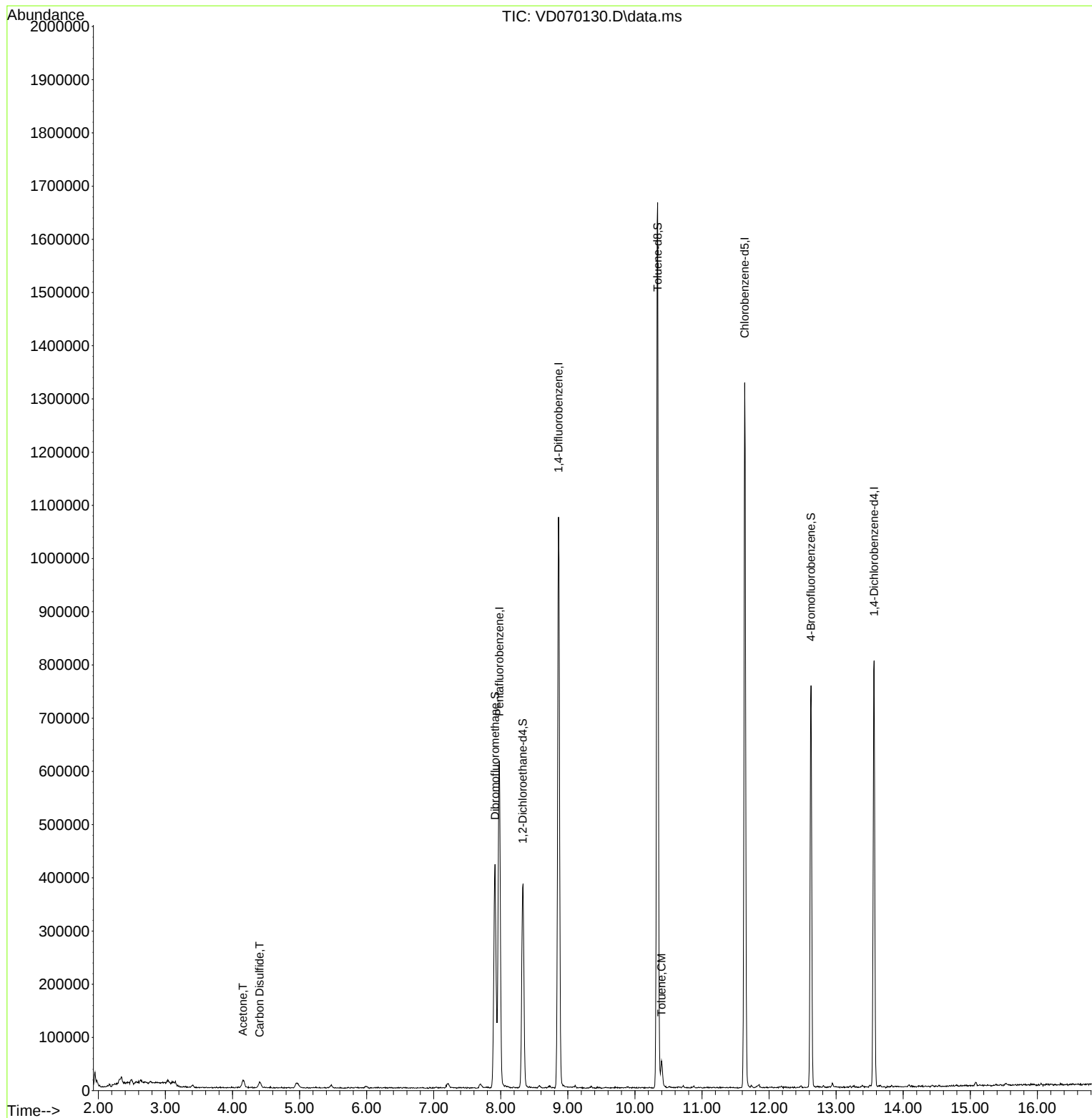
Internal Standards						
1) Pentafluorobenzene	7.979	168	446196	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	919887	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	773079	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	216638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	305330	58.181	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	116.360%
35) Dibromofluoromethane	7.914	113	302292	50.865	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.720%
50) Toluene-d8	10.338	98	1140092	49.322	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.640%
62) 4-Bromofluorobenzene	12.626	95	264160	34.696	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.400%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	25537	26.415	ug/l	96
17) Carbon Disulfide	4.403	76	22329	1.165	ug/l	96
52) Toluene	10.396	92	19772	1.132	ug/l	87

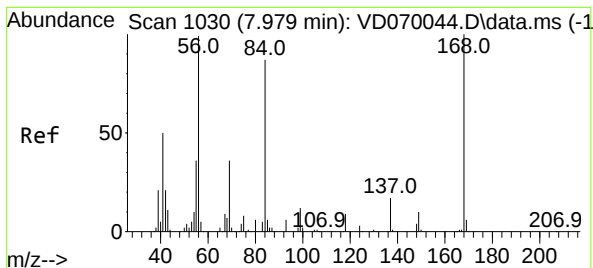
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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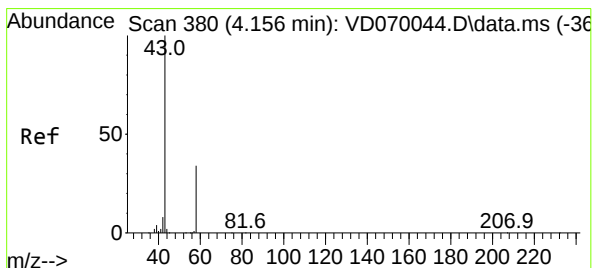
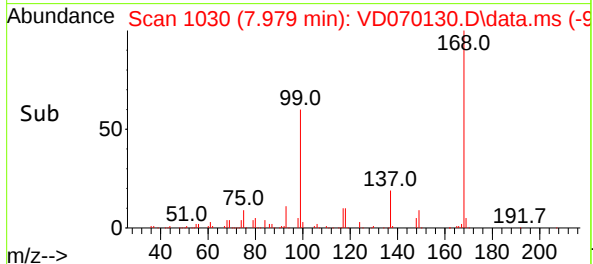
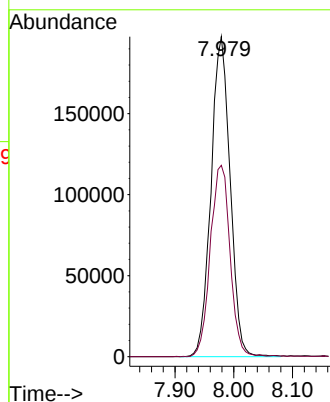
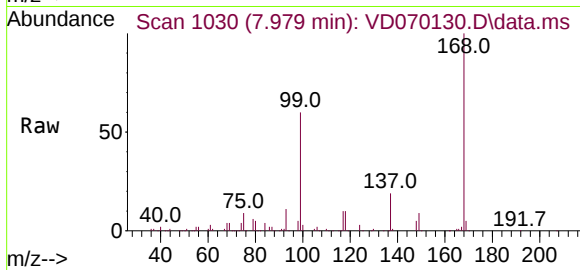




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

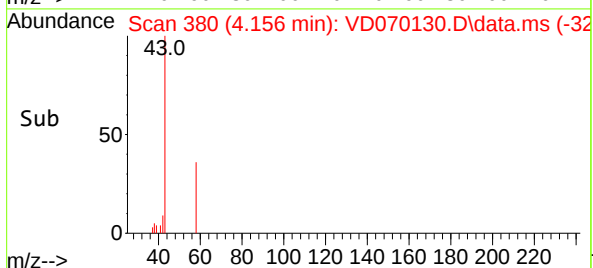
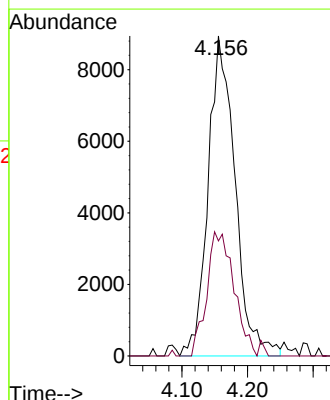
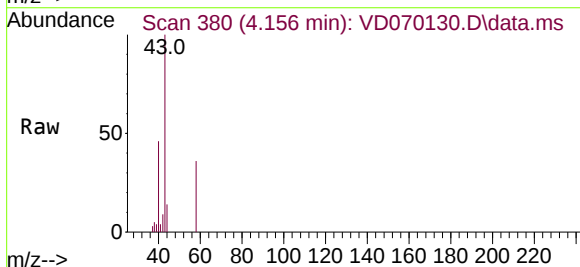
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

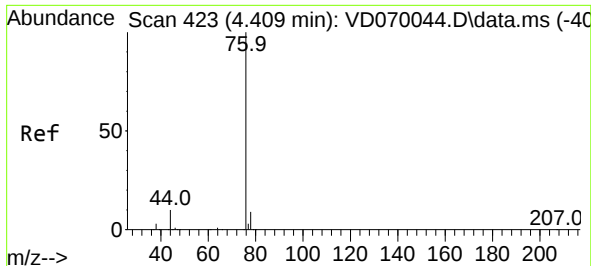
Tgt Ion:168 Resp: 446196
Ion Ratio Lower Upper
168 100
99 59.8 50.3 75.5



#16
Acetone
Concen: 26.415 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 43 Resp: 25537
Ion Ratio Lower Upper
43 100
58 35.9 26.8 40.2

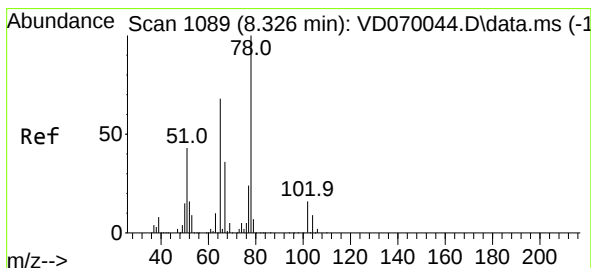
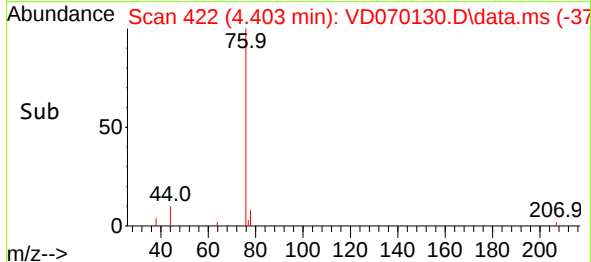
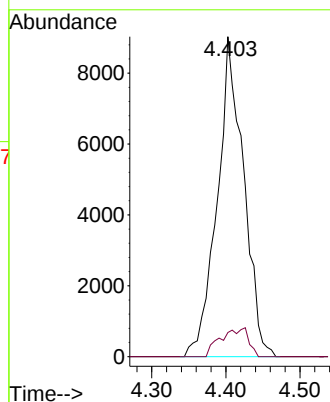
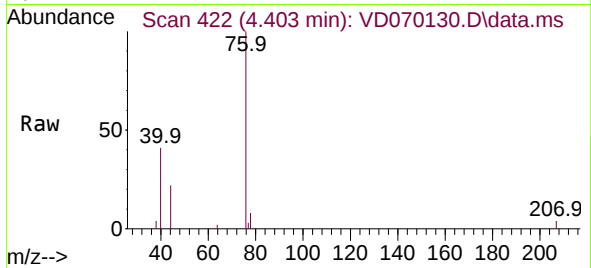




#17
Carbon Disulfide
Concen: 1.165 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

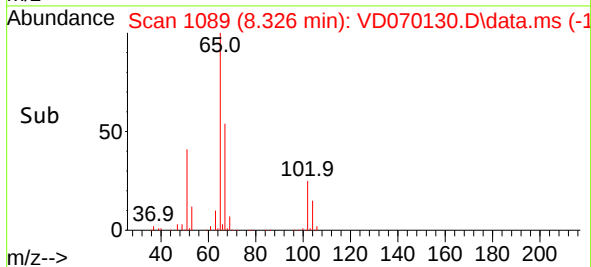
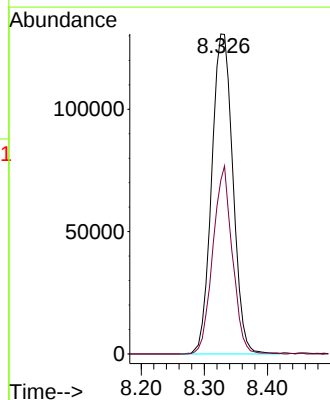
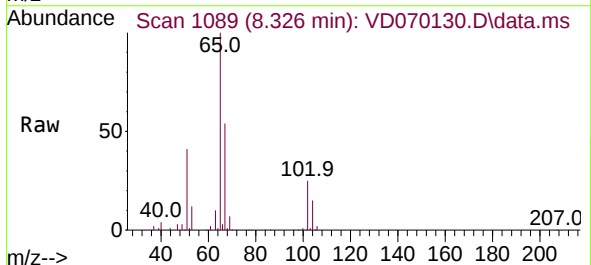
Instrument :
MSVOA_D
ClientSampleId :
SWCS-22-0306

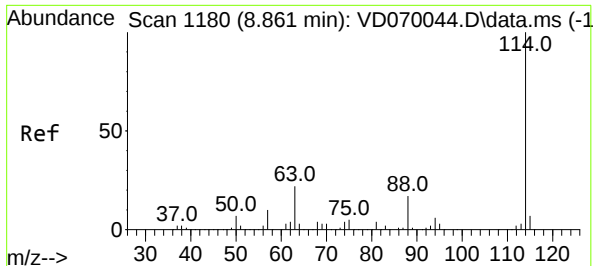
Tgt Ion: 76 Resp: 22329
Ion Ratio Lower Upper
76 100
78 7.5 7.1 10.7



#33
1,2-Dichloroethane-d4
Concen: 58.181 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 65 Resp: 305330
Ion Ratio Lower Upper
65 100
67 54.0 0.0 107.8

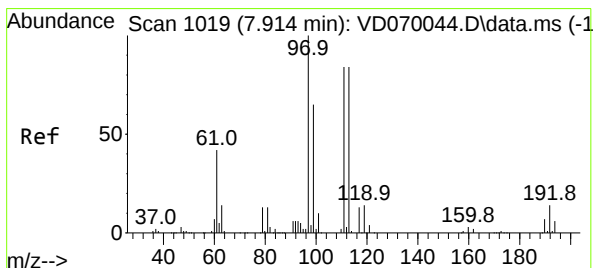
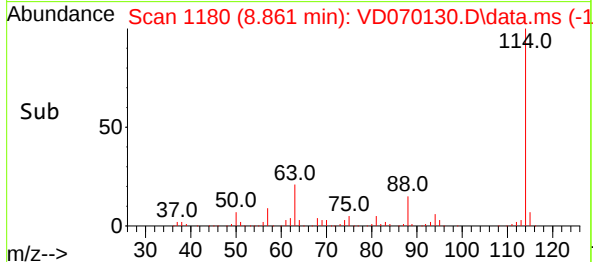
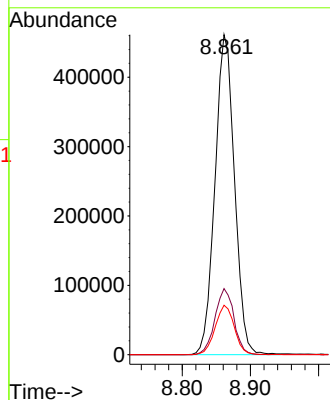
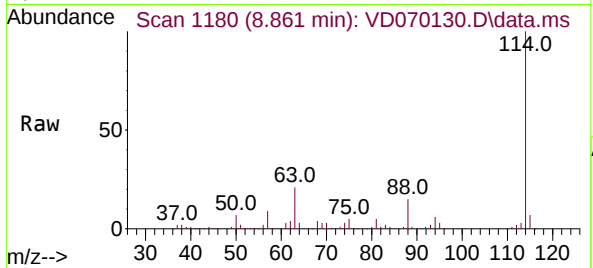




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

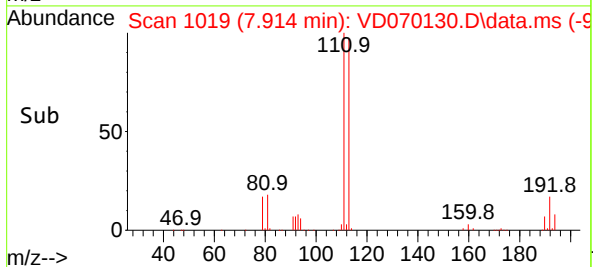
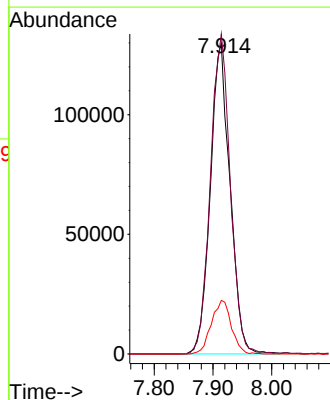
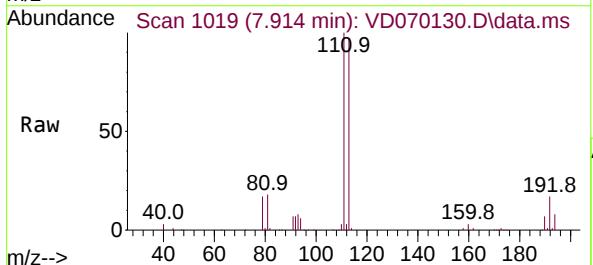
Instrument :
MSVOA_D
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SWCS-22-0306

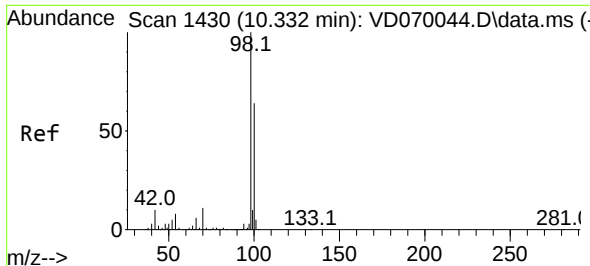
Tgt Ion:114 Resp: 919887
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.6
88 15.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 50.865 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion:113 Resp: 302292
Ion Ratio Lower Upper
113 100
111 104.1 81.8 122.6
192 17.5 13.2 19.8

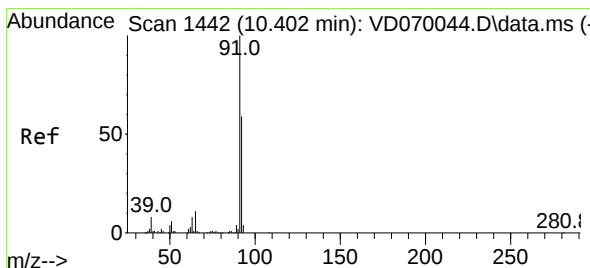
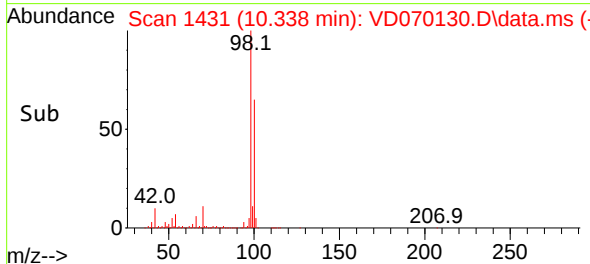
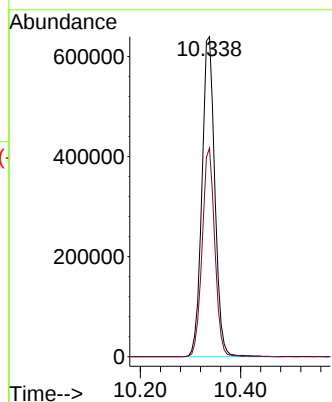
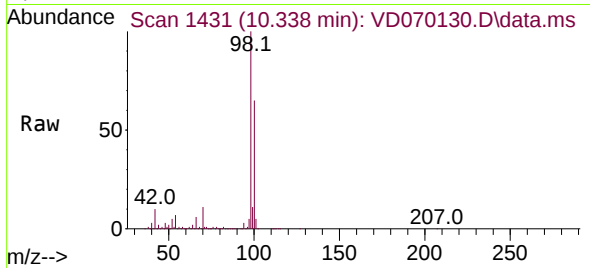




#50
Toluene-d8
Concen: 49.322 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

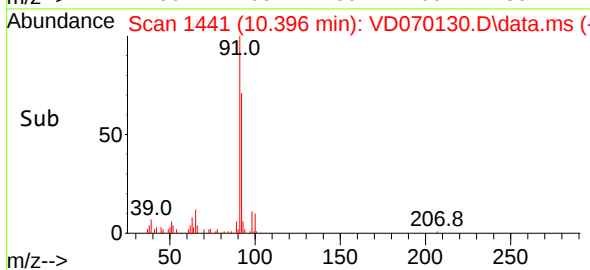
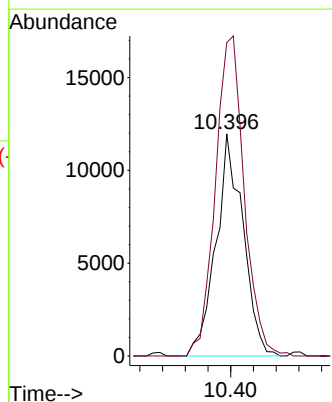
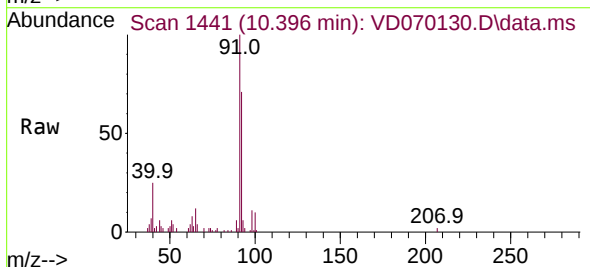
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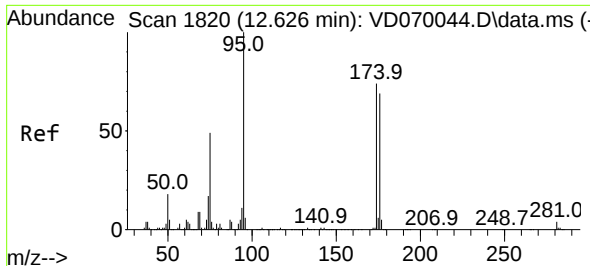
Tgt Ion: 98 Resp: 1140092
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8



#52
Toluene
Concen: 1.132 ug/l
RT: 10.396 min Scan# 1441
Delta R.T. -0.006 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

Tgt Ion: 92 Resp: 19772
Ion Ratio Lower Upper
92 100
91 153.9 137.2 205.8

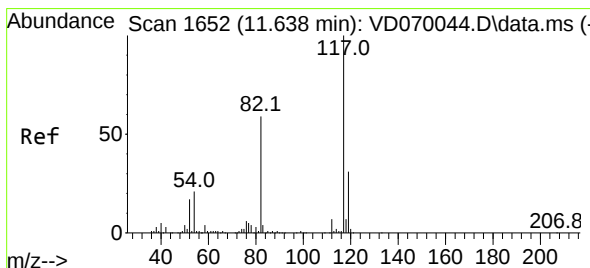
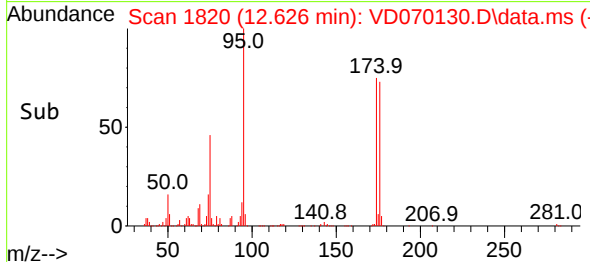
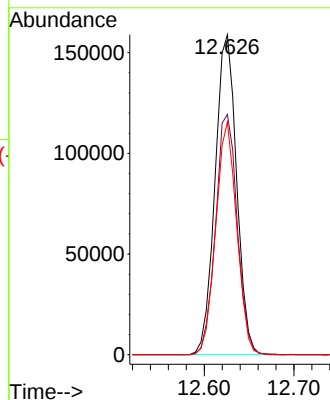
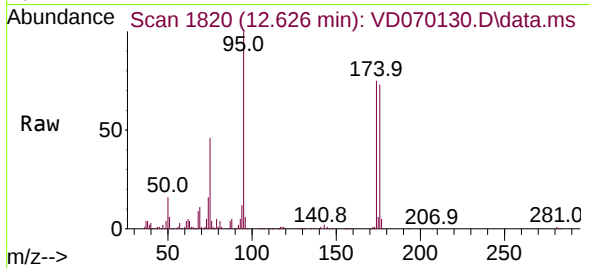




#62
4-Bromofluorobenzene
Concen: 34.696 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

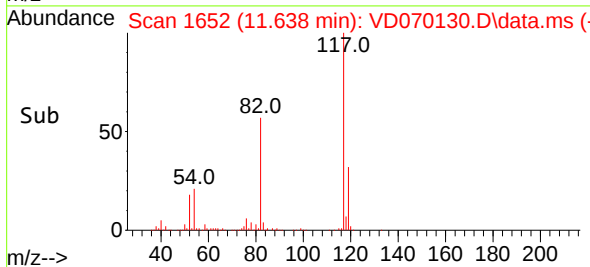
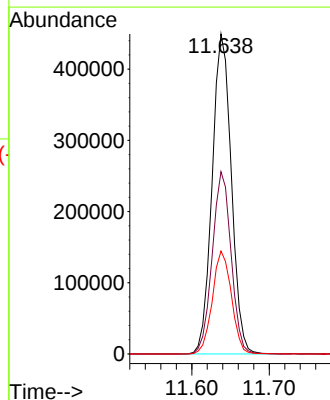
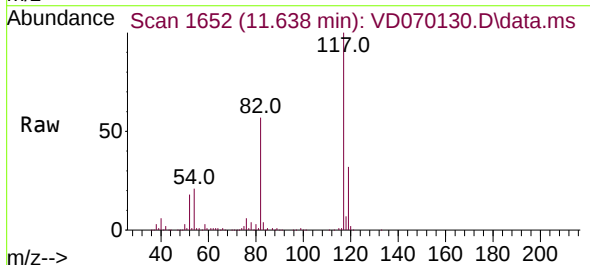
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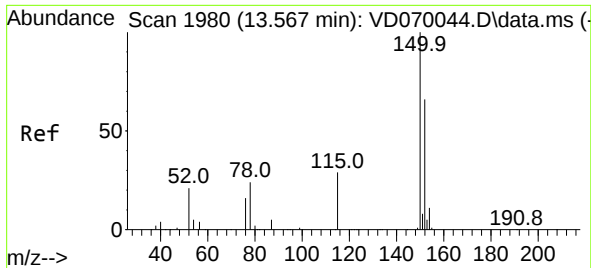
Tgt Ion: 95 Resp: 264160
Ion Ratio Lower Upper
95 100
174 75.8 0.0 141.6
176 70.7 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070130.D
Acq: 18 Aug 2021 16:21

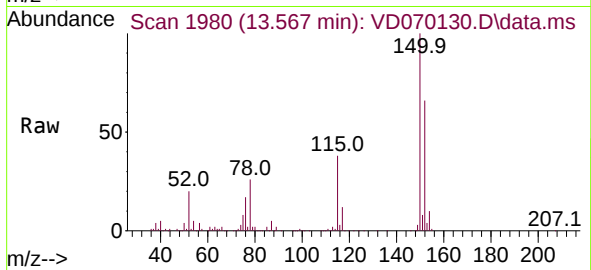
Tgt Ion: 117 Resp: 773079
Ion Ratio Lower Upper
117 100
82 57.0 47.5 71.3
119 32.1 25.1 37.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. -0.000 min
 Lab File: VD070130.D
 Acq: 18 Aug 2021 16:21

Instrument :
 MSVOA_D
 ClientSampleId :
 SWCS-22-0306



Tgt Ion:152 Resp: 216638
 Ion Ratio Lower Upper
 152 100
 115 60.1 31.2 93.6
 150 156.4 0.0 352.0

