

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081821\
 Data File : VD070153.D
 Acq On : 19 Aug 2021 05:15
 Operator : VA/SY
 Sample : M3418-07
 Misc : 7.32G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-12-FD-03

Quant Time: Aug 19 07:39:31 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)

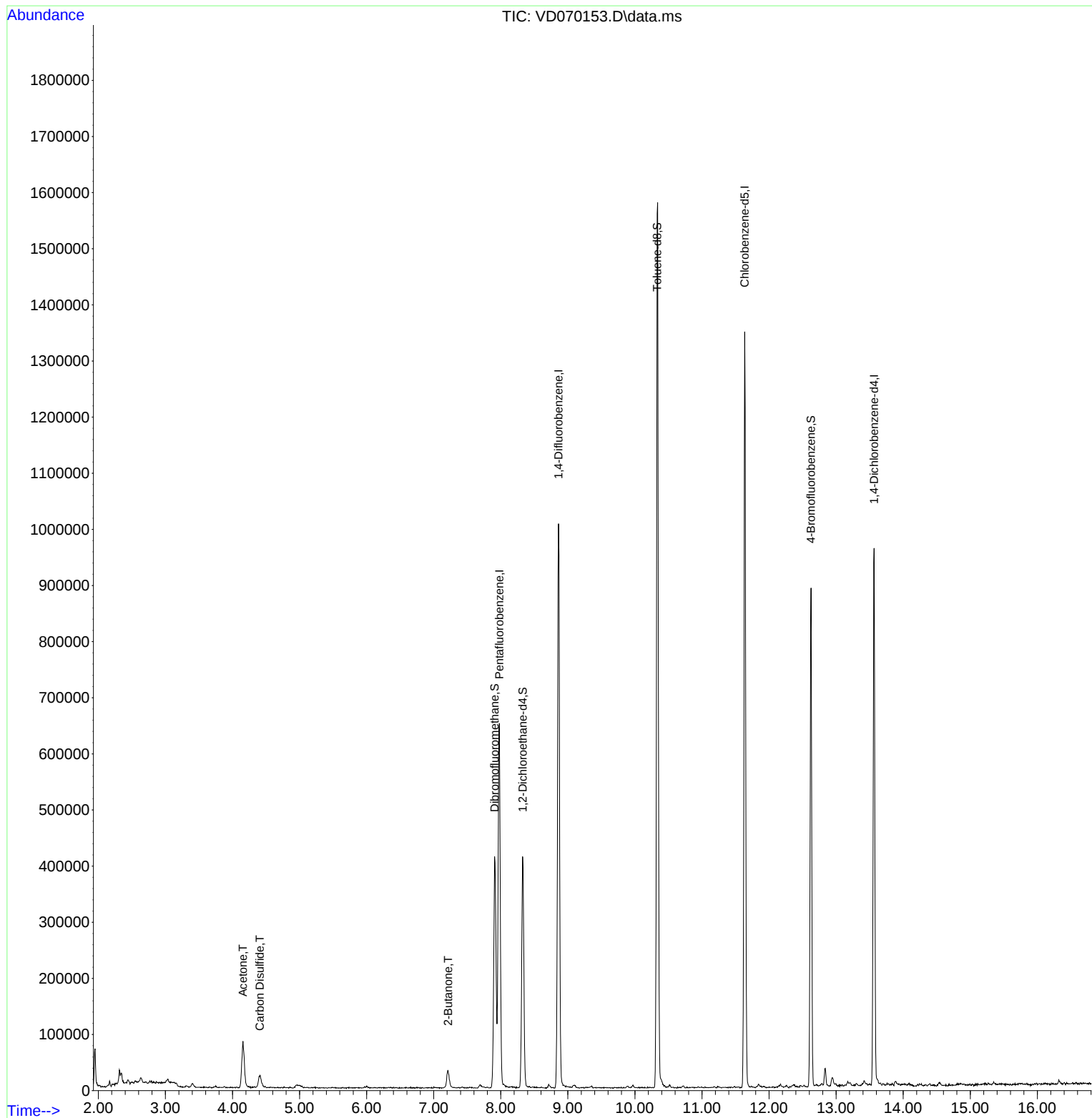
Internal Standards						
1) Pentafluorobenzene	7.979	168	460037	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	885511	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	784010	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	256479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	318469	58.858	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.720%
35) Dibromofluoromethane	7.908	113	306583	53.589	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.180%
50) Toluene-d8	10.332	98	1105884	49.699	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.400%
62) 4-Bromofluorobenzene	12.626	95	300229	40.964	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.920%
Target Compounds					Qvalue	
16) Acetone	4.156	43	134956	135.396	ug/l	91
17) Carbon Disulfide	4.409	76	47645	2.411	ug/l	98
25) 2-Butanone	7.214	43	50375	36.986	ug/l	99

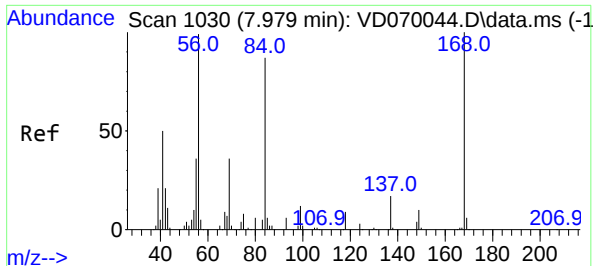
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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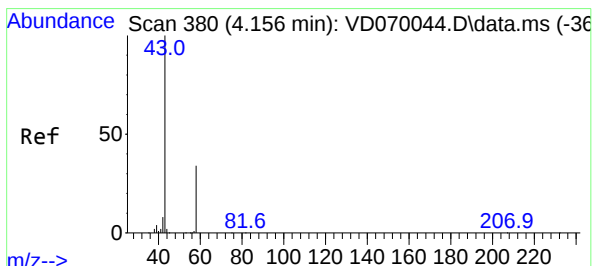
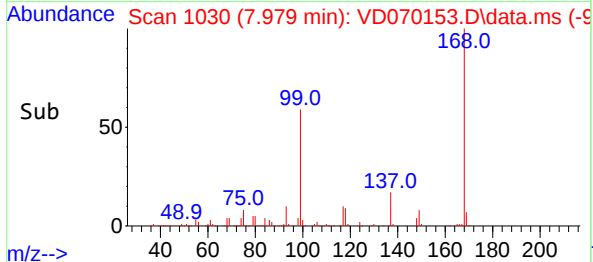
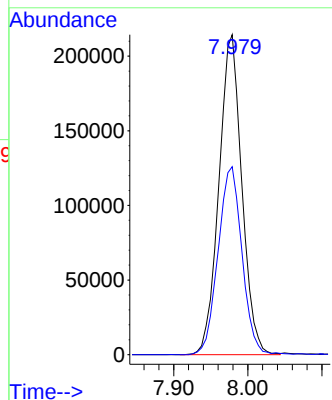
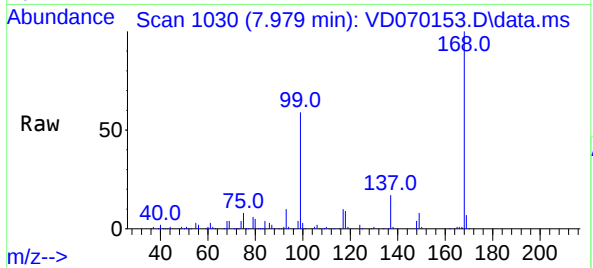




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

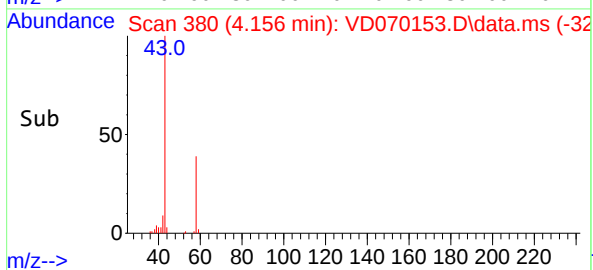
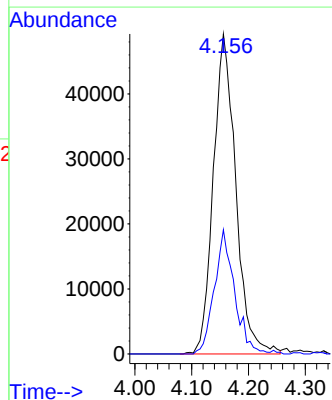
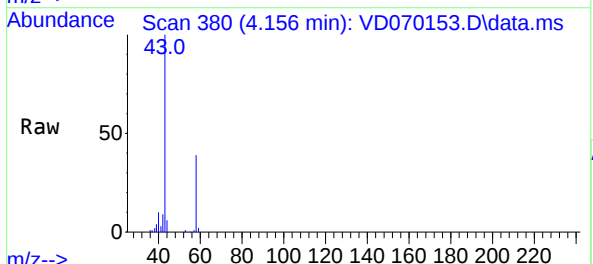
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

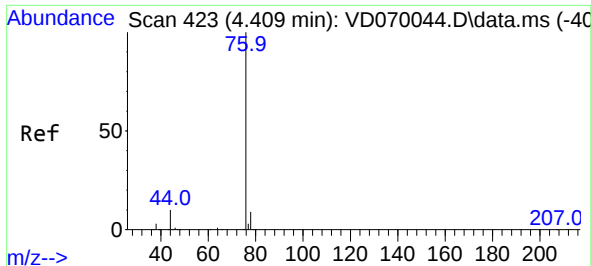
Tgt Ion:168 Resp: 460037
Ion Ratio Lower Upper
168 100
99 58.7 50.3 75.5



#16
Acetone
Concen: 135.396 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 43 Resp: 134956
Ion Ratio Lower Upper
43 100
58 38.8 26.8 40.2

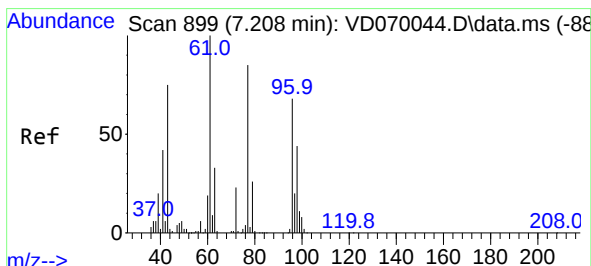
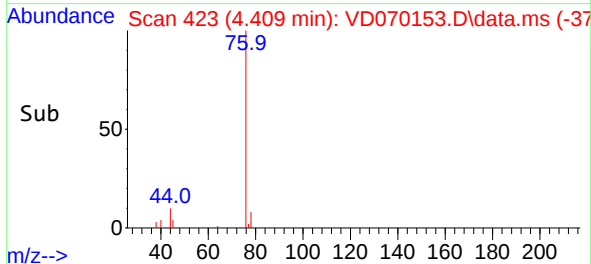
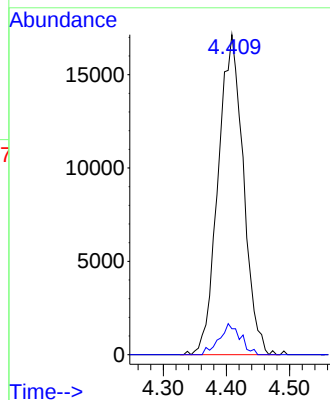
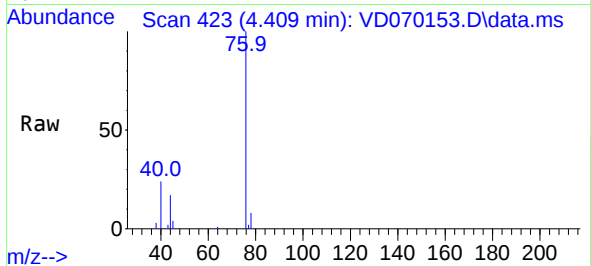




#17
Carbon Disulfide
Concen: 2.411 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

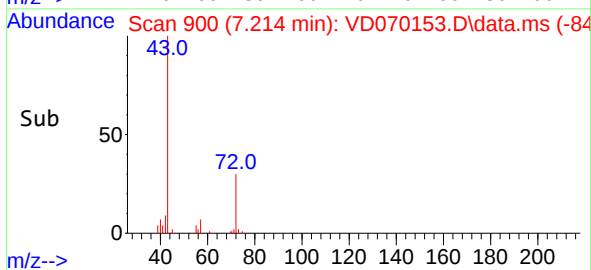
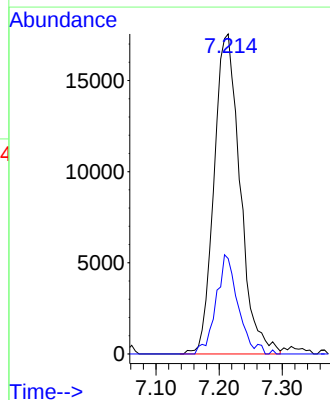
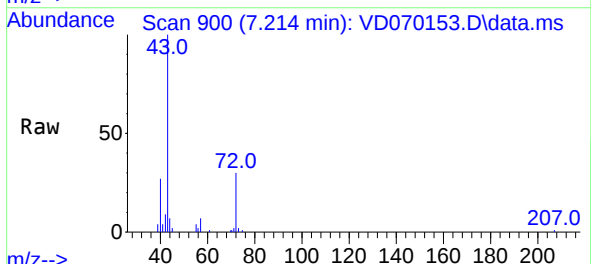
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

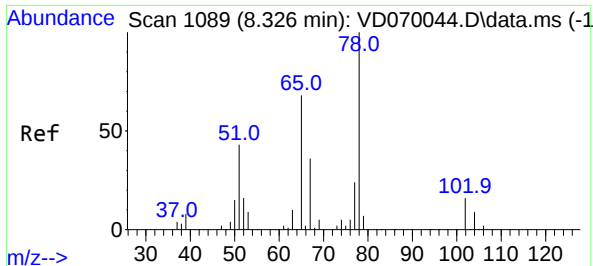
Tgt Ion: 76 Resp: 47645
Ion Ratio Lower Upper
76 100
78 8.1 7.1 10.7



#25
2-Butanone
Concen: 36.986 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.006 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 43 Resp: 50375
Ion Ratio Lower Upper
43 100
72 29.8 24.2 36.4

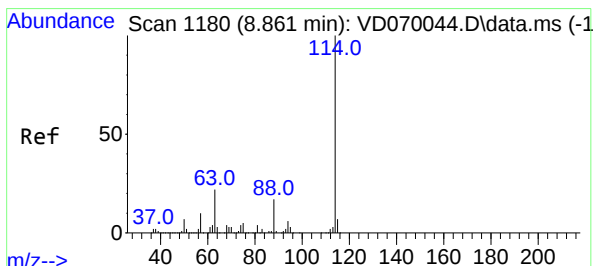
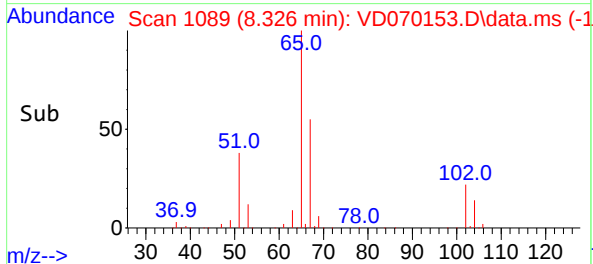
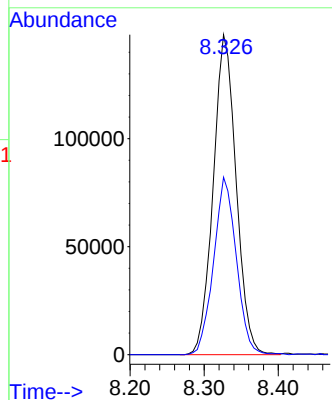
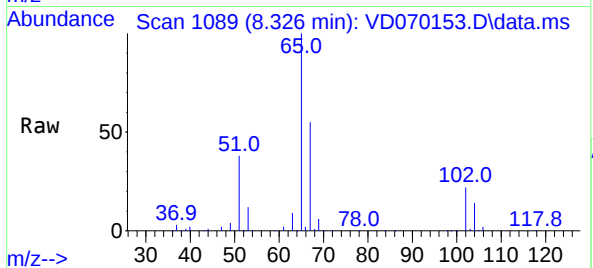




#33
1,2-Dichloroethane-d4
Concen: 58.858 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

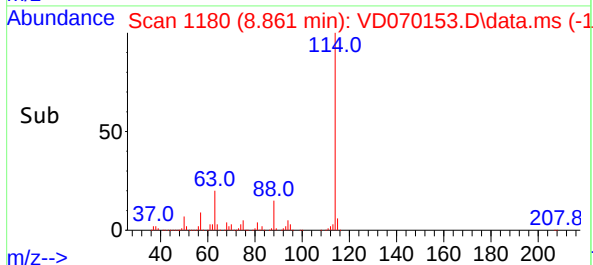
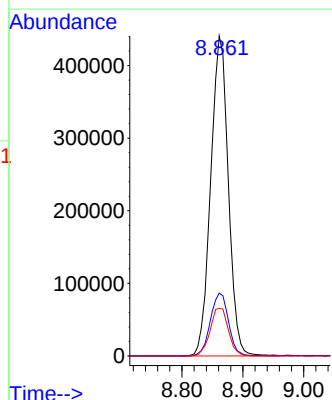
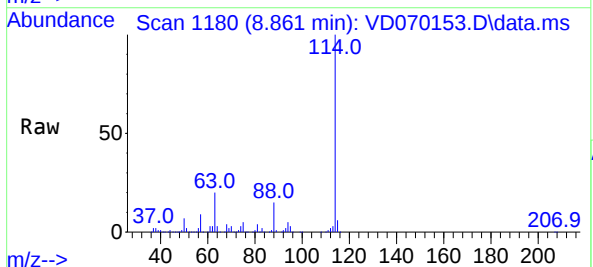
Instrument :
MSVOA_D
ClientSampleId :
2021-08-12-FD-03

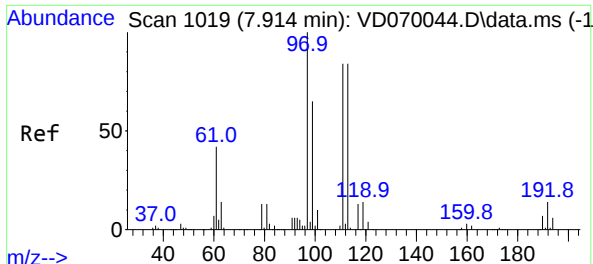
Tgt Ion: 65 Resp: 318469
Ion Ratio Lower Upper
65 100
67 54.9 0.0 107.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 114 Resp: 885511
Ion Ratio Lower Upper
114 100
63 19.7 0.0 43.6
88 14.9 0.0 33.4





#35

Dibromofluoromethane

Concen: 53.589 ug/l

RT: 7.908 min Scan# 1018

Delta R.T. -0.006 min

Lab File: VD070153.D

Acq: 19 Aug 2021 05:15

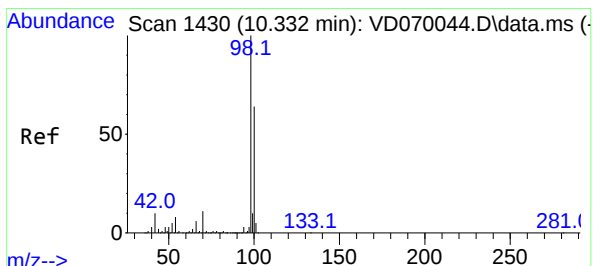
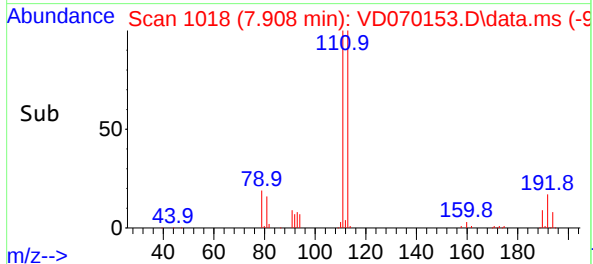
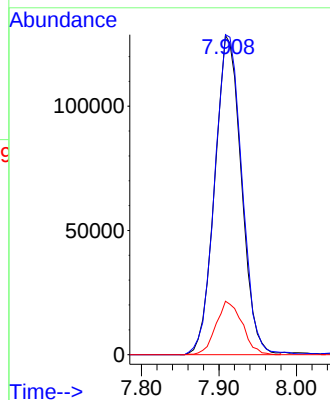
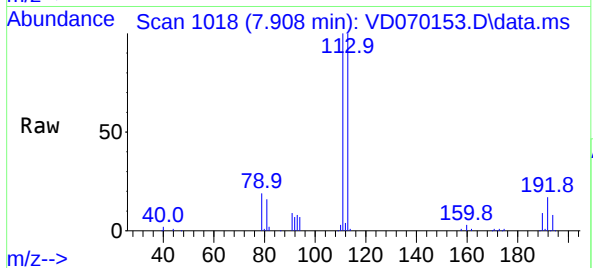
Tgt Ion:113 Resp: 306583

Ion Ratio Lower Upper

113 100

111 102.4 81.8 122.6

192 16.5 13.2 19.8



#50

Toluene-d8

Concen: 49.699 ug/l

RT: 10.332 min Scan# 1430

Delta R.T. -0.000 min

Lab File: VD070153.D

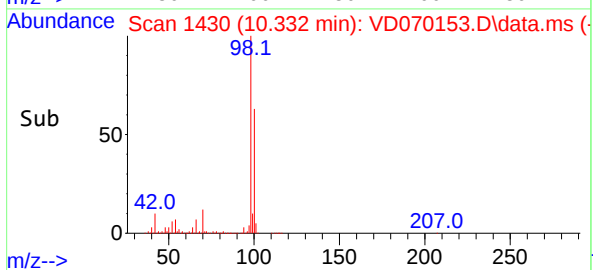
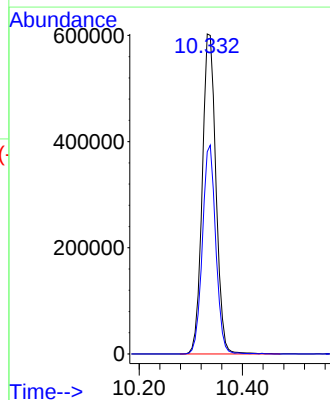
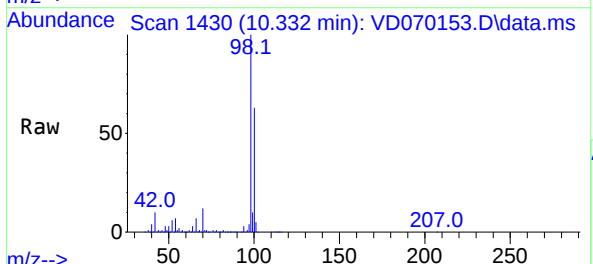
Acq: 19 Aug 2021 05:15

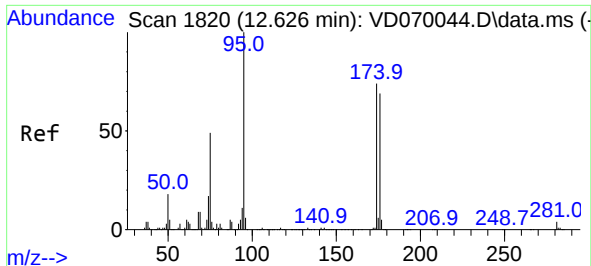
Tgt Ion: 98 Resp: 1105884

Ion Ratio Lower Upper

98 100

100 63.9 52.6 78.8

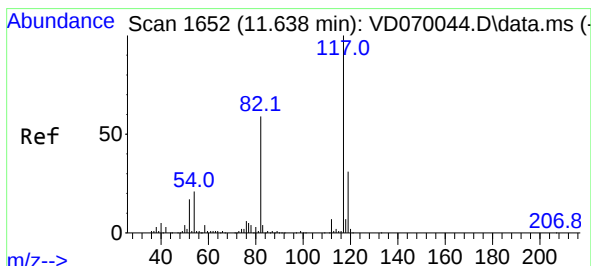
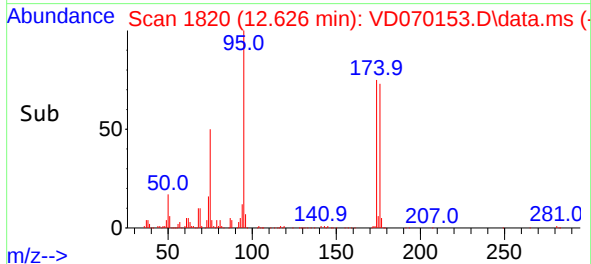
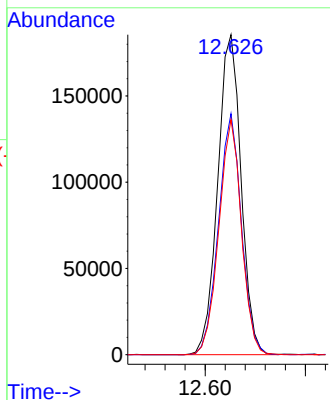
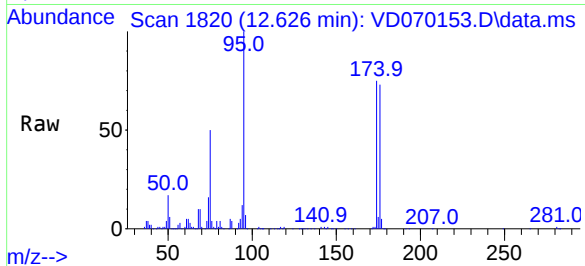




#62
4-Bromofluorobenzene
Concen: 40.964 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

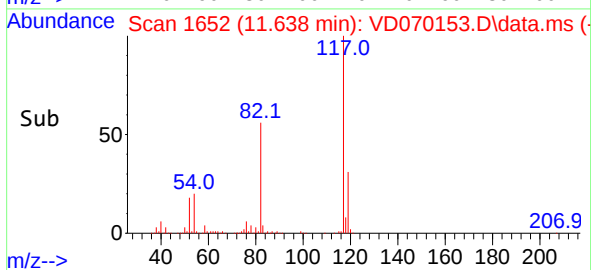
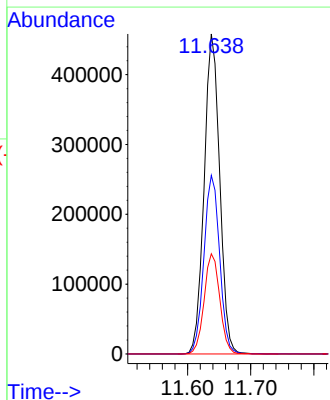
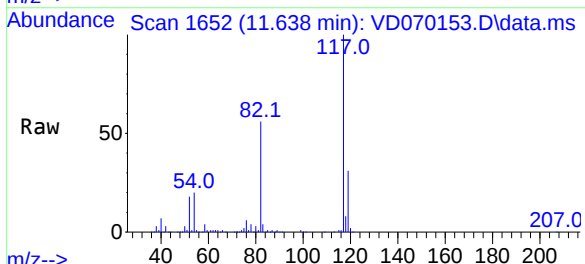
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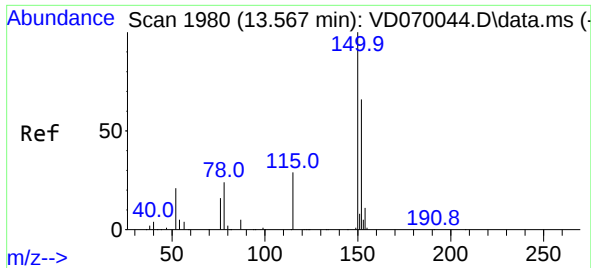
Tgt Ion: 95 Resp: 300229
Ion Ratio Lower Upper
95 100
174 74.0 0.0 141.6
176 70.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070153.D
Acq: 19 Aug 2021 05:15

Tgt Ion: 117 Resp: 784010
Ion Ratio Lower Upper
117 100
82 55.8 47.5 71.3
119 31.3 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: VD070153.D
 Acq: 19 Aug 2021 05:15

Instrument :
 MSVOA_D
 ClientSampleId :
 2021-08-12-FD-03

Tgt Ion:	152	Resp:	256479
Ion	Ratio	Lower	Upper
152	100		
115	61.7	31.2	93.6
150	160.3	0.0	352.0

