

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070007.D
 Acq On : 09 Aug 2021 20:18
 Operator : VA/SY
 Sample : M3299-03
 Misc : 6.23G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210439-25

Quant Time: Aug 10 07:06:47 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 23 04:51:13 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

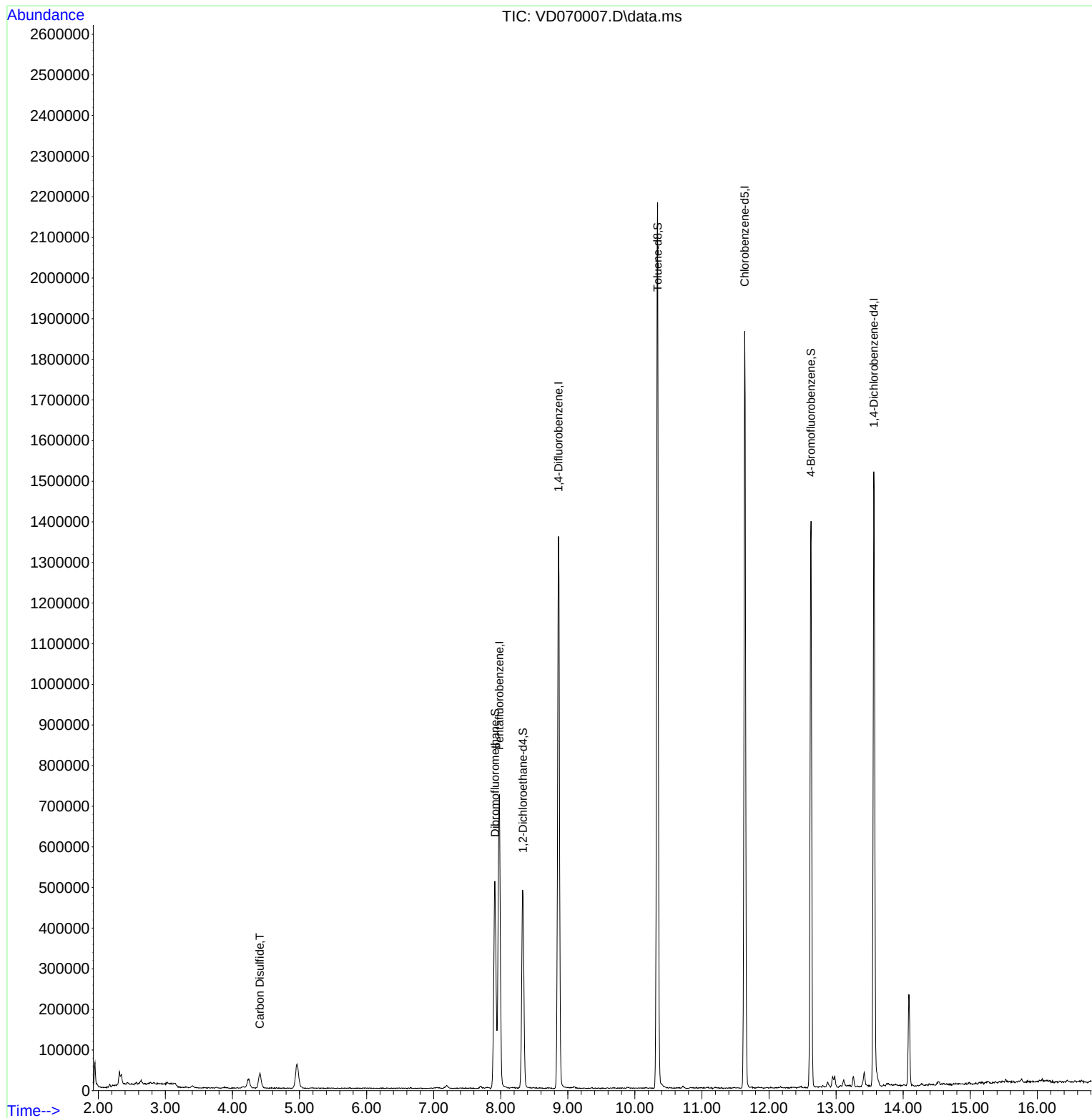
Internal Standards						
1) Pentafluorobenzene	7.979	168	504970	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1140528	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1071036	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	407440	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	383159	65.975	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.960%	
35) Dibromofluoromethane	7.914	113	379241	52.746	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 105.500%	
50) Toluene-d8	10.338	98	1480249	53.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.780%	
62) 4-Bromofluorobenzene	12.626	95	446229	48.161	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 96.320%	
Target Compounds						Qvalue
17) Carbon Disulfide	4.409	76	78580	3.804	ug/l	99

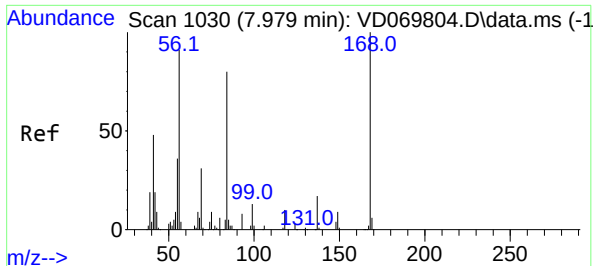
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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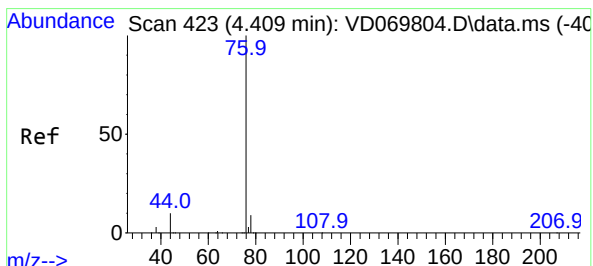
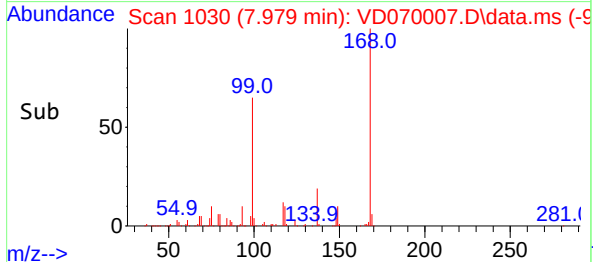
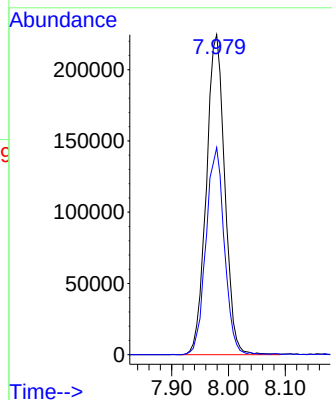
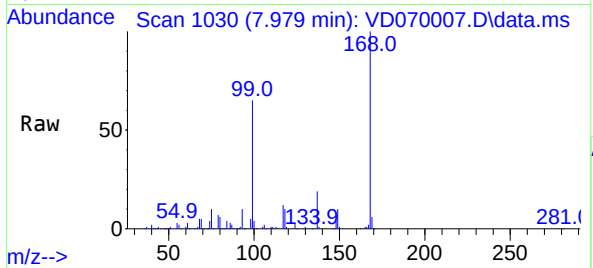




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

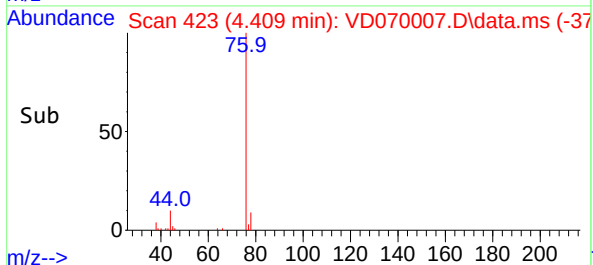
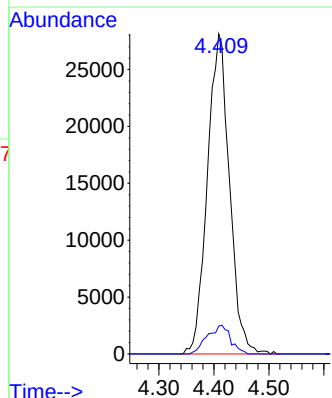
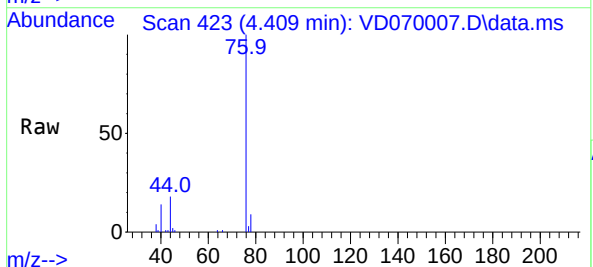
Instrument :
MSVOA_D
ClientSampleId :
20210439-25

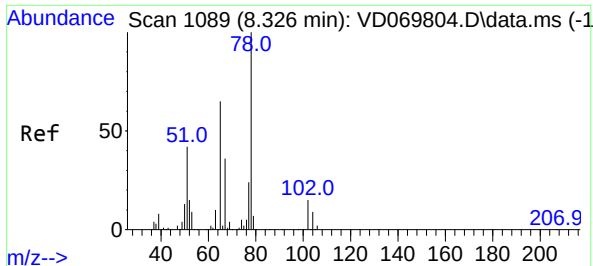
Tgt Ion:168 Resp: 504970
Ion Ratio Lower Upper
168 100
99 64.7 51.1 76.7



#17
Carbon Disulfide
Concen: 3.804 ug/l
RT: 4.409 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

Tgt Ion: 76 Resp: 78580
Ion Ratio Lower Upper
76 100
78 8.7 7.3 10.9

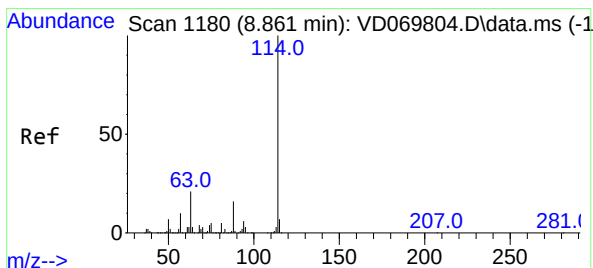
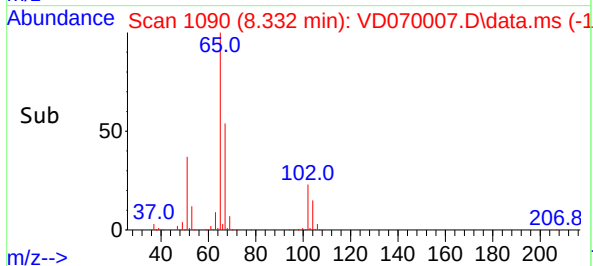
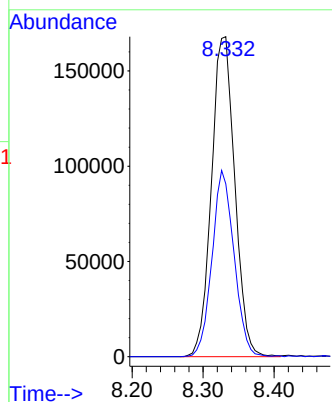
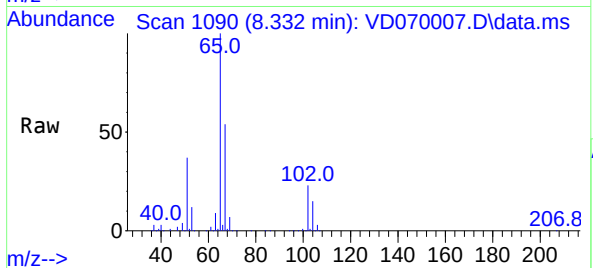




#33
1,2-Dichloroethane-d4
Concen: 65.975 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

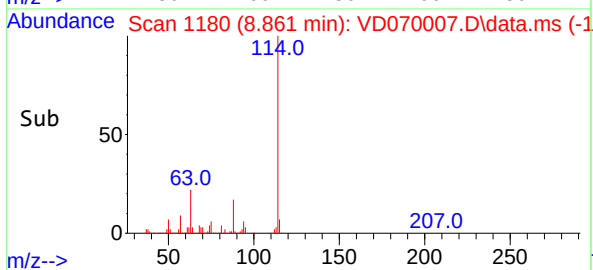
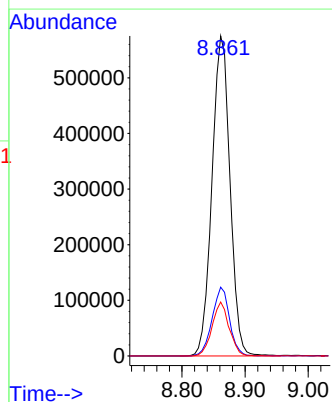
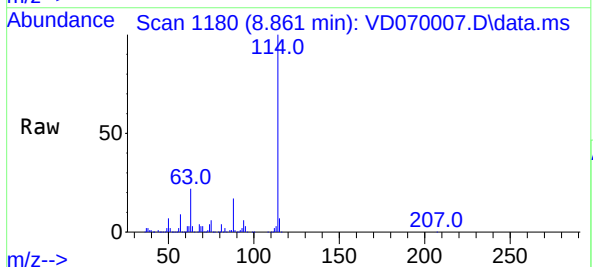
Instrument :
MSVOA_D
ClientSampleId :
20210439-25

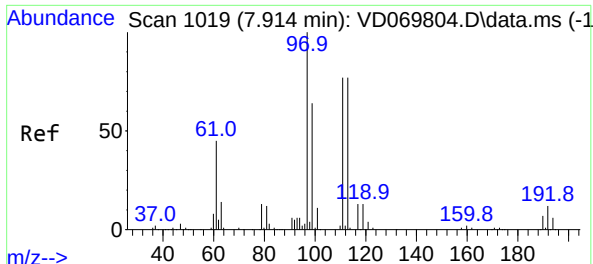
Tgt Ion: 65 Resp: 383159
Ion Ratio Lower Upper
65 100
67 54.9 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

Tgt Ion:114 Resp: 1140528
Ion Ratio Lower Upper
114 100
63 21.5 0.0 41.6
88 16.9 0.0 31.4



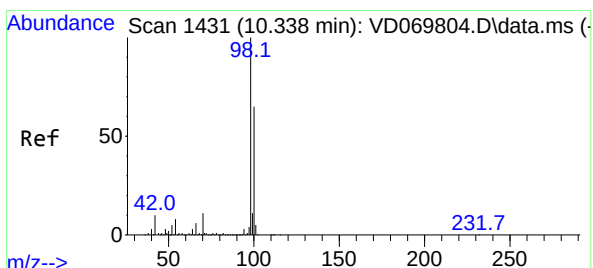
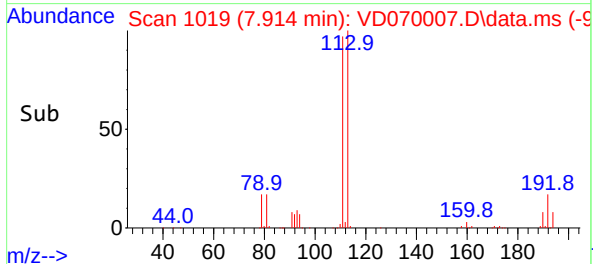
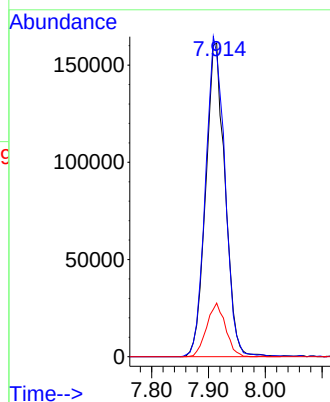
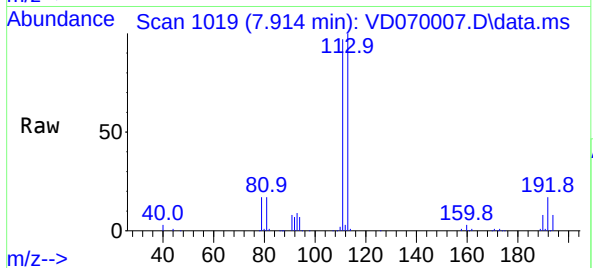


#35
Dibromofluoromethane
Concen: 52.746 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

Instrument :
MSVOA_D
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Tgt Ion:113 Resp: 379241

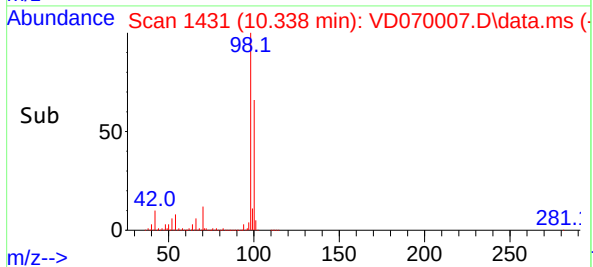
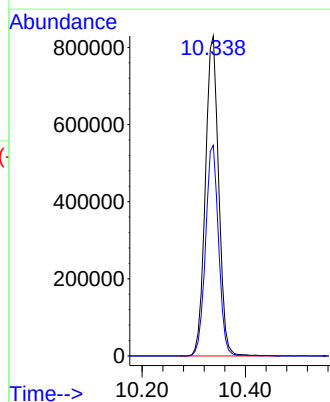
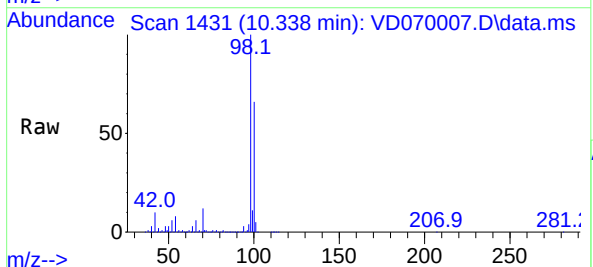
Ion	Ratio	Lower	Upper
113	100		
111	102.8	80.5	120.7
192	16.7	12.6	19.0

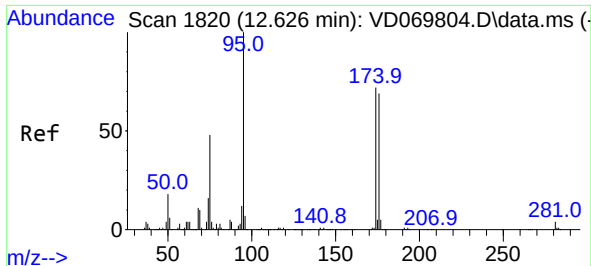


#50
Toluene-d8
Concen: 53.393 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

Tgt Ion: 98 Resp: 1480249

Ion	Ratio	Lower	Upper
98	100		
100	64.4	51.9	77.9

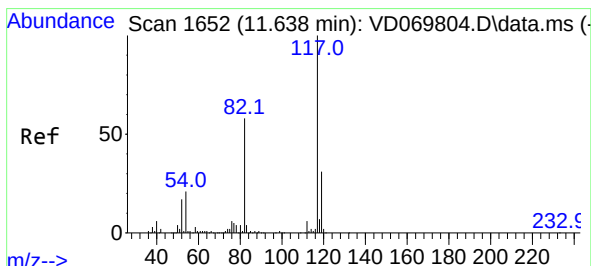
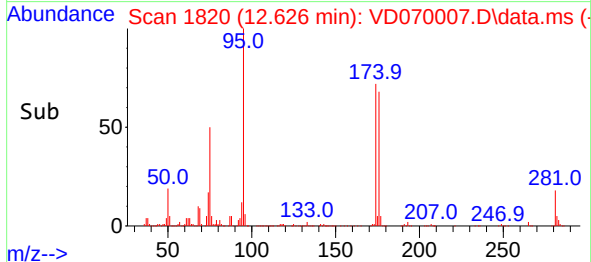
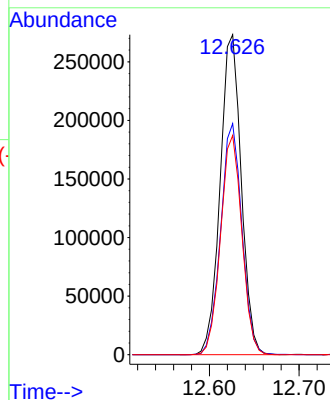
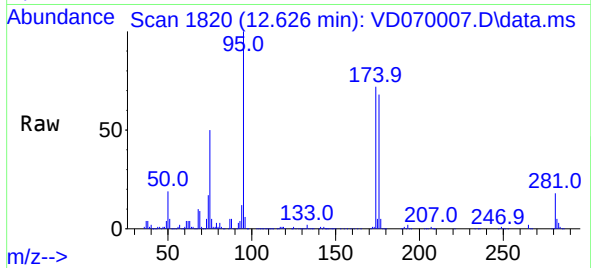




#62
4-Bromofluorobenzene
Concen: 48.161 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

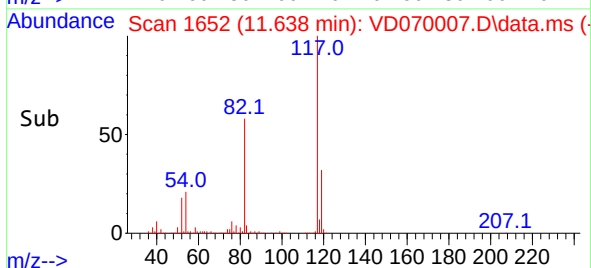
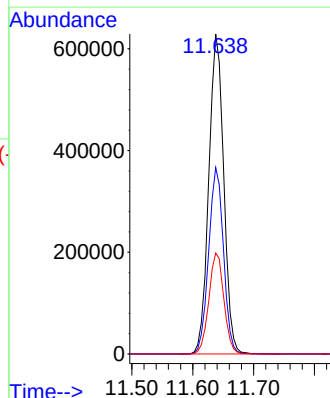
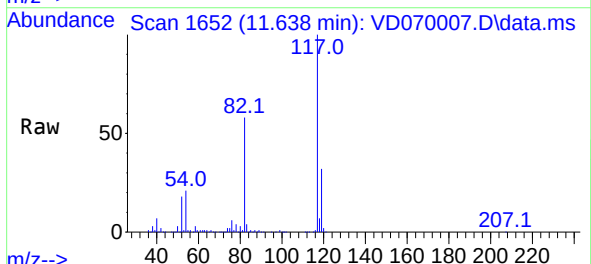
Instrument :
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ClientSampleId :
20210439-25

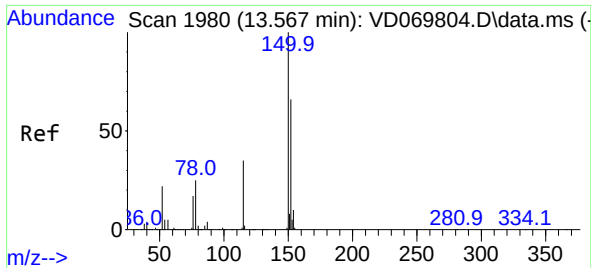
Tgt Ion:	95	Resp:	446229
Ion	Ratio	Lower	Upper
95	100		
174	72.6	0.0	142.6
176	68.9	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070007.D
Acq: 09 Aug 2021 20:18

Tgt Ion:	117	Resp:	1071036
Ion	Ratio	Lower	Upper
117	100		
82	58.3	46.3	69.5
119	31.5	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.561 min Scan# 1979
 Delta R.T. -0.006 min
 Lab File: VD070007.D
 Acq: 09 Aug 2021 20:18

Instrument :
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 ClientSampleId :
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Tgt Ion:152 Resp: 407440
 Ion Ratio Lower Upper
 152 100
 115 60.0 31.1 93.3
 150 157.0 0.0 343.0

