

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080421\
 Data File : VD069987.D
 Acq On : 04 Aug 2021 15:44
 Operator : VA/SY
 Sample : M3279-13
 Misc : 7.80G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210451-37

Quant Time: Aug 05 03:11:35 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)

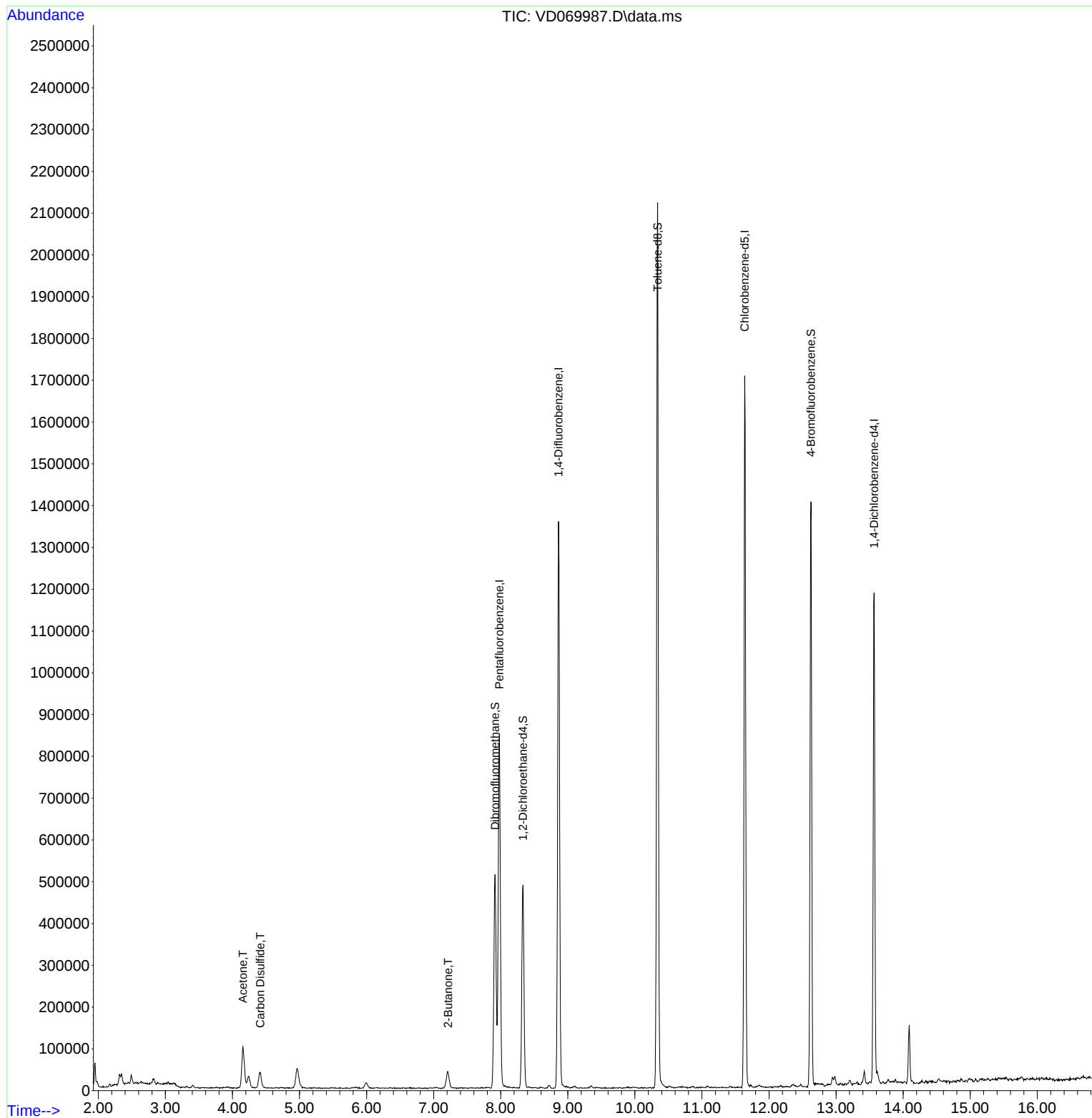
Internal Standards						
1) Pentafluorobenzene	7.979	168	587632	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1153936	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	991623	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	319822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	384495	56.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.780%
35) Dibromofluoromethane	7.914	113	381480	52.441	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.880%
50) Toluene-d8	10.338	98	1431430	51.032	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.626	95	396153	42.260	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	84.520%
Target Compounds						
						Qvalue
16) Acetone	4.156	43	172813	141.550	ug/l	91
17) Carbon Disulfide	4.415	76	80070	3.331	ug/l #	94
25) 2-Butanone	7.214	43	48085	29.043	ug/l	92

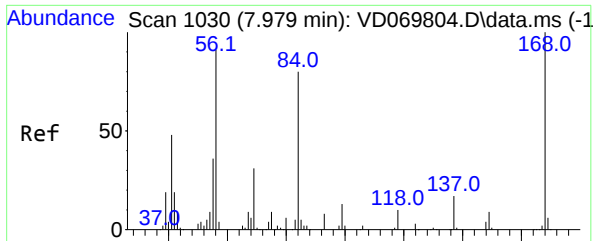
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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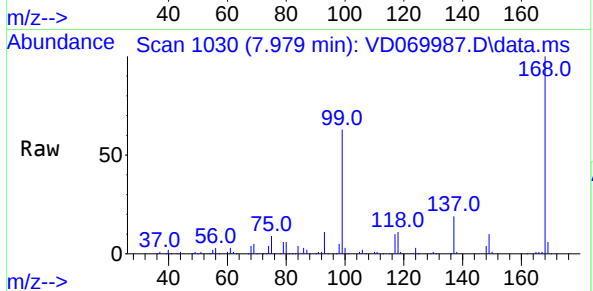
Quant Time: Aug 05 03:11:35 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072221S.M
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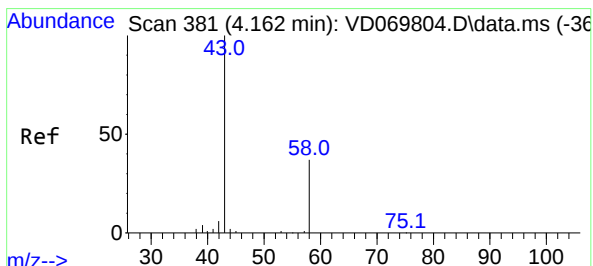
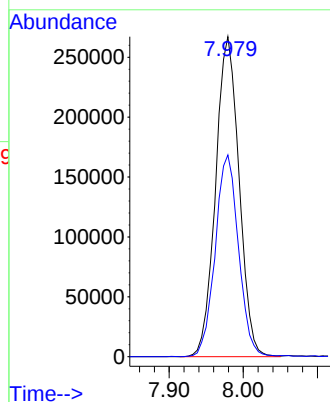
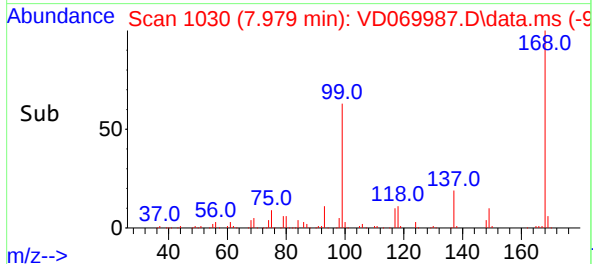


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

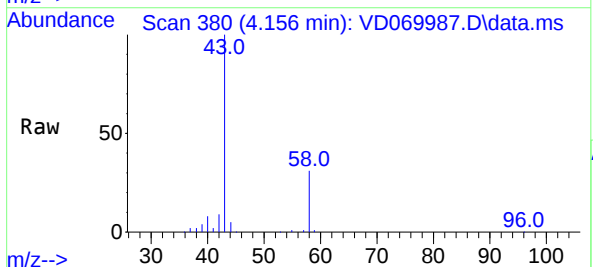
Instrument :
MSVOA_D
ClientSampleId :
20210451-37



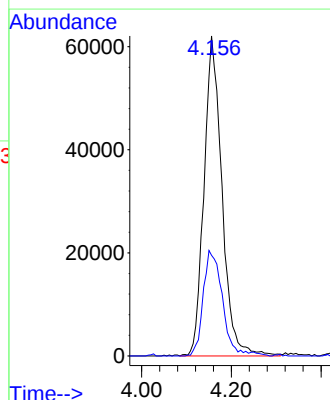
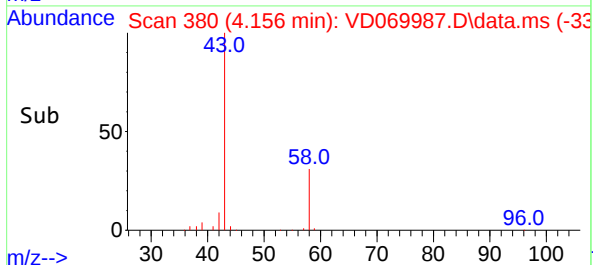
Tgt Ion:168 Resp: 587632
Ion Ratio Lower Upper
168 100
99 63.1 51.1 76.7

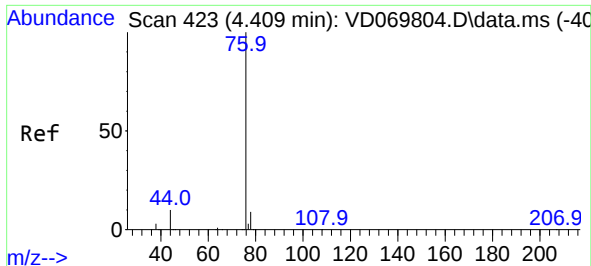


#16
Acetone
Concen: 141.550 ug/l
RT: 4.156 min Scan# 380
Delta R.T. -0.006 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44



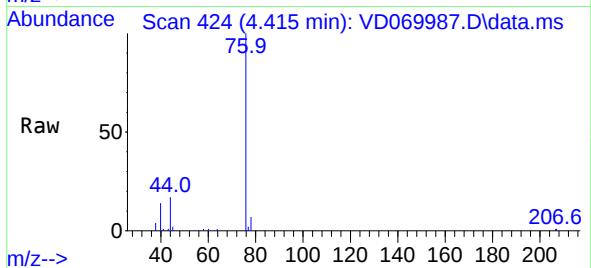
Tgt Ion: 43 Resp: 172813
Ion Ratio Lower Upper
43 100
58 31.5 29.4 44.0



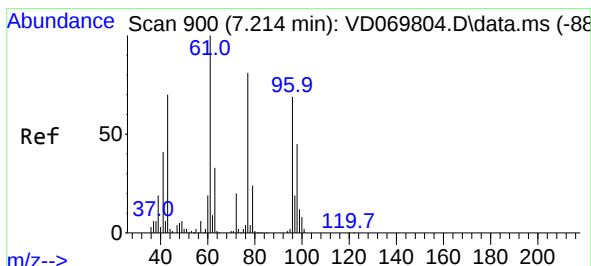
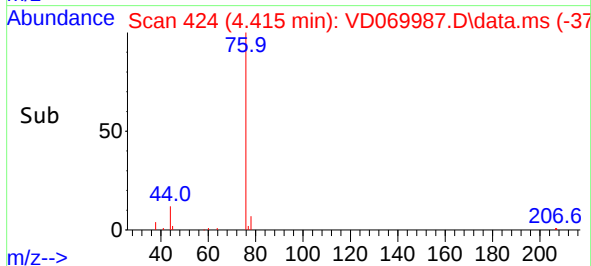
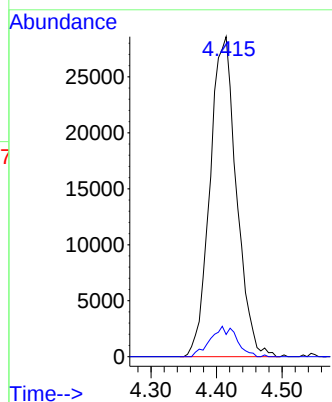


#17
Carbon Disulfide
Concen: 3.331 ug/l
RT: 4.415 min Scan# 424
Delta R.T. 0.006 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

Instrument :
MSVOA_D
ClientSampleId :
20210451-37

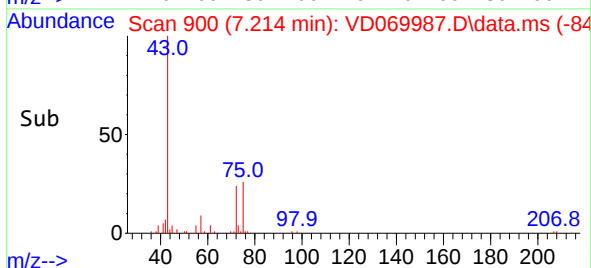
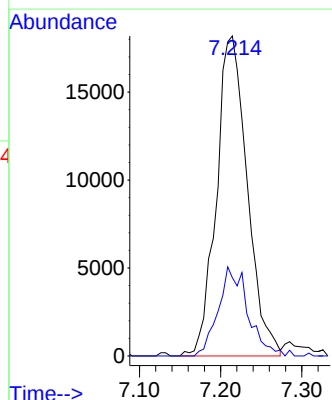
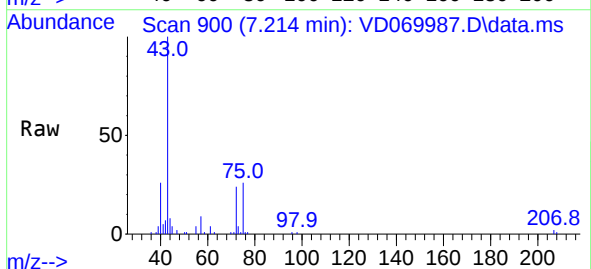


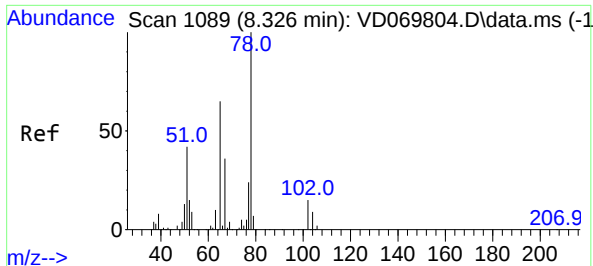
Tgt Ion: 76 Resp: 80070
Ion Ratio Lower Upper
76 100
78 6.9 7.3 10.9#



#25
2-Butanone
Concen: 29.043 ug/l
RT: 7.214 min Scan# 900
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

Tgt Ion: 43 Resp: 48085
Ion Ratio Lower Upper
43 100
72 24.5 22.8 34.2

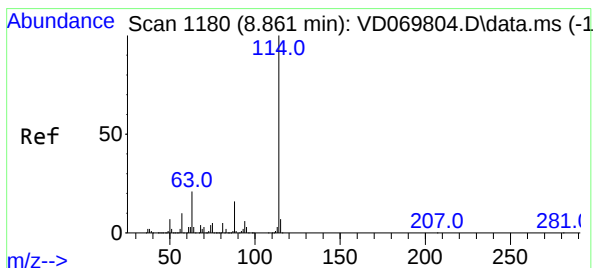
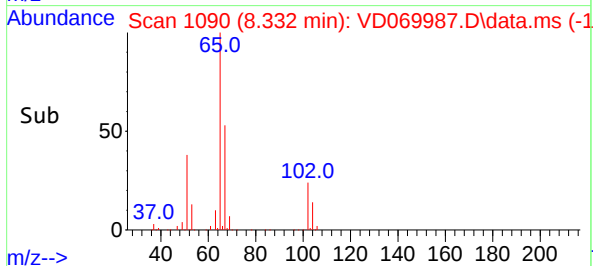
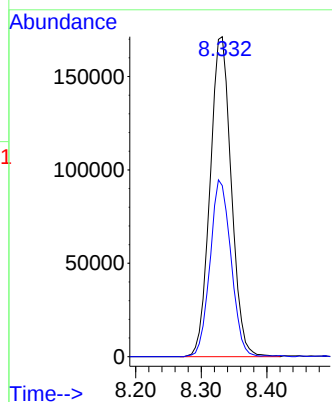
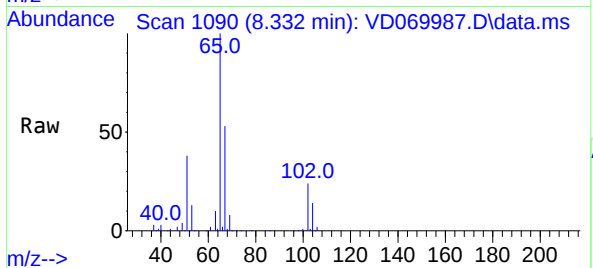




#33
1,2-Dichloroethane-d4
Concen: 56.892 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

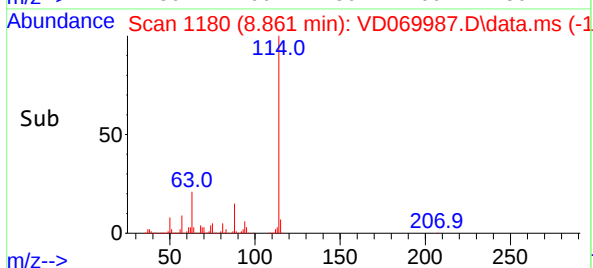
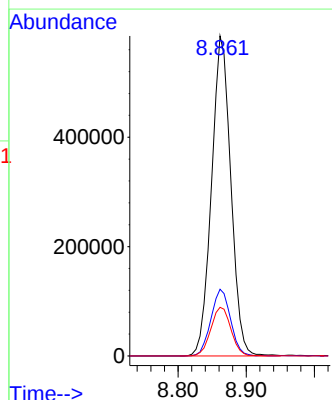
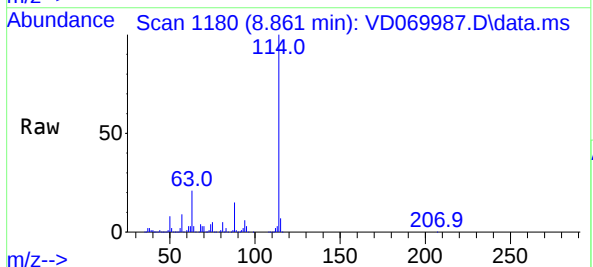
Instrument :
MSVOA_D
ClientSampleId :
20210451-37

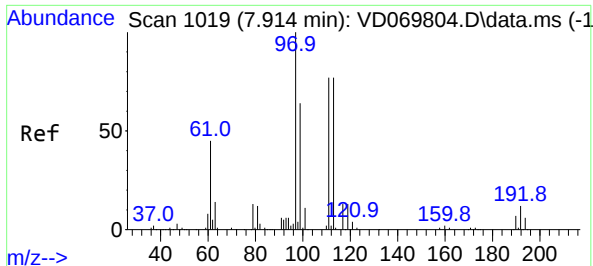
Tgt Ion: 65 Resp: 384495
Ion Ratio Lower Upper
65 100
67 54.6 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

Tgt Ion:114 Resp: 1153936
Ion Ratio Lower Upper
114 100
63 20.9 0.0 41.6
88 15.2 0.0 31.4

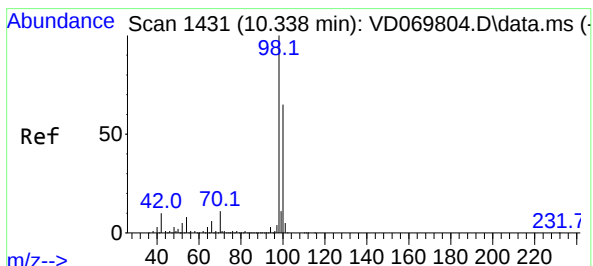
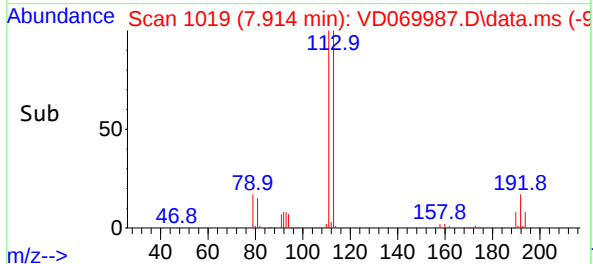
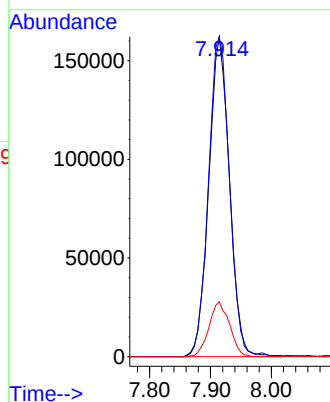
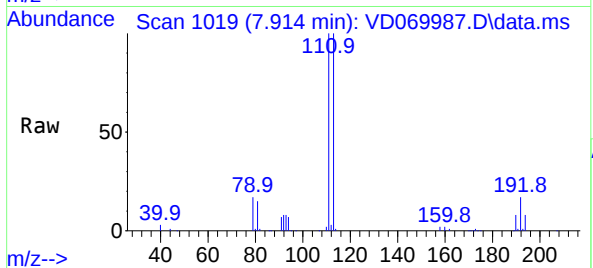




#35
Dibromofluoromethane
Concen: 52.441 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

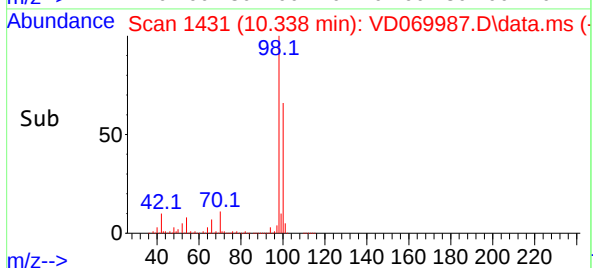
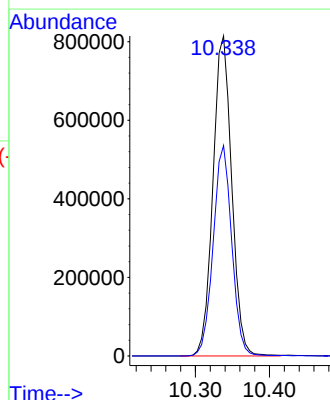
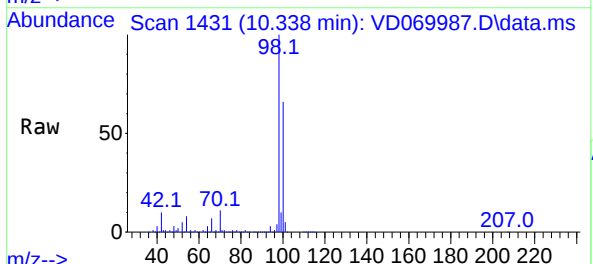
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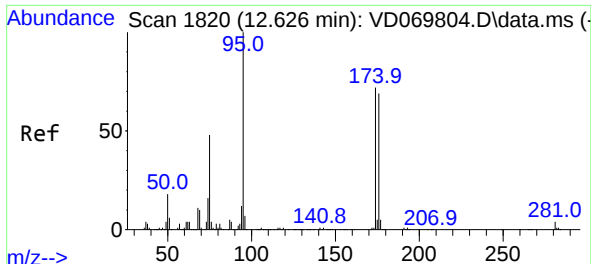
Tgt Ion:113 Resp: 381480
Ion Ratio Lower Upper
113 100
111 101.5 80.5 120.7
192 17.1 12.6 19.0



#50
Toluene-d8
Concen: 51.032 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

Tgt Ion: 98 Resp: 1431430
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9

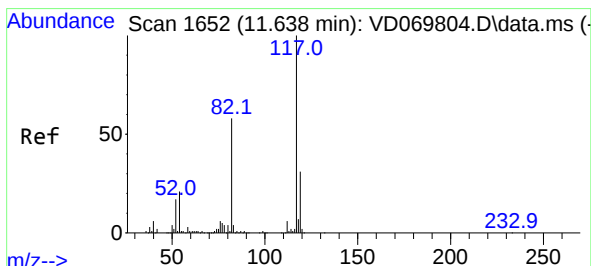
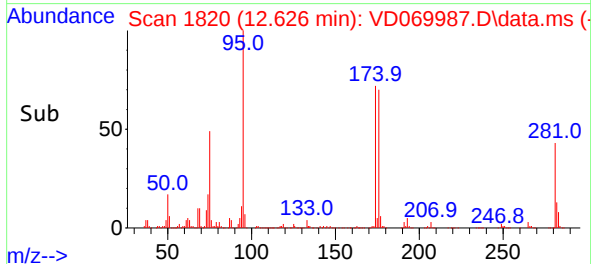
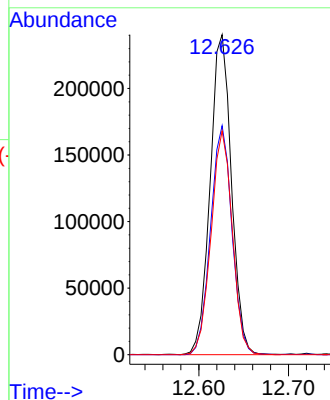
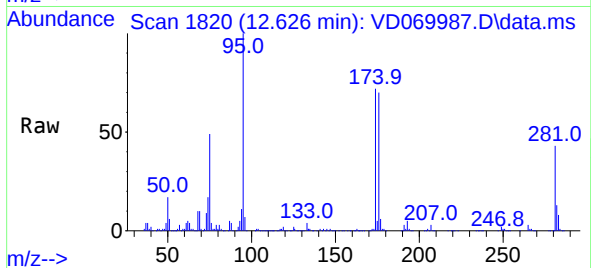




#62
4-Bromofluorobenzene
Concen: 42.260 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

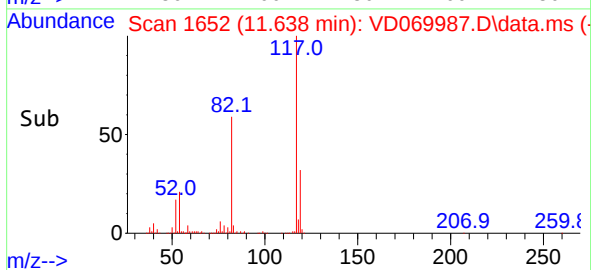
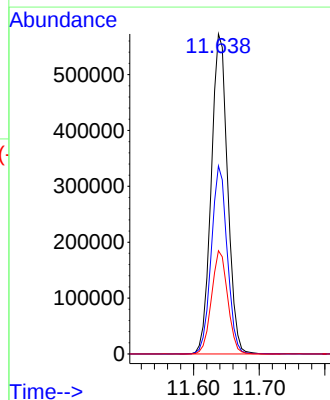
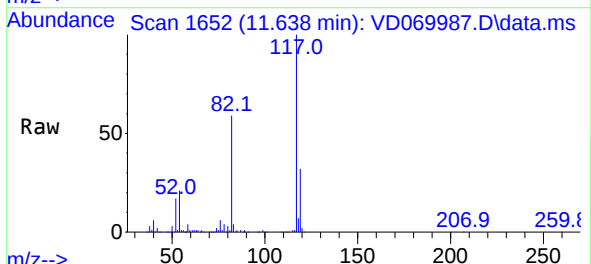
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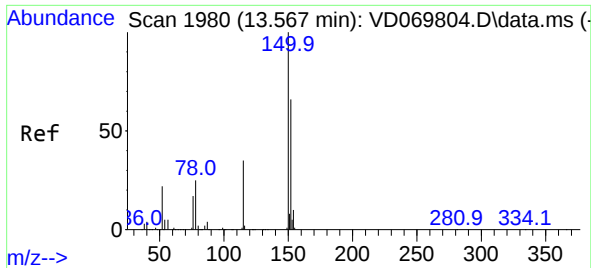
Tgt Ion:	95	Resp:	396153
Ion	Ratio	Lower	Upper
95	100		
174	71.9	0.0	142.6
176	69.5	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. 0.000 min
Lab File: VD069987.D
Acq: 04 Aug 2021 15:44

Tgt Ion:	117	Resp:	991623
Ion	Ratio	Lower	Upper
117	100		
82	58.7	46.3	69.5
119	32.2	24.7	37.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.567 min Scan# 1980
 Delta R.T. 0.000 min
 Lab File: VD069987.D
 Acq: 04 Aug 2021 15:44

Instrument :
 MSVOA_D
 ClientSampleId :
 20210451-37

Tgt Ion:152 Resp: 319822

Ion	Ratio	Lower	Upper
152	100		
115	61.4	31.1	93.3
150	155.1	0.0	343.0

