

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070012.D
 Acq On : 09 Aug 2021 22:42
 Operator : VA/SY
 Sample : M3318-03
 Misc : 5.08G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210586-COM-9

Quant Time: Aug 10 07:08:36 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)

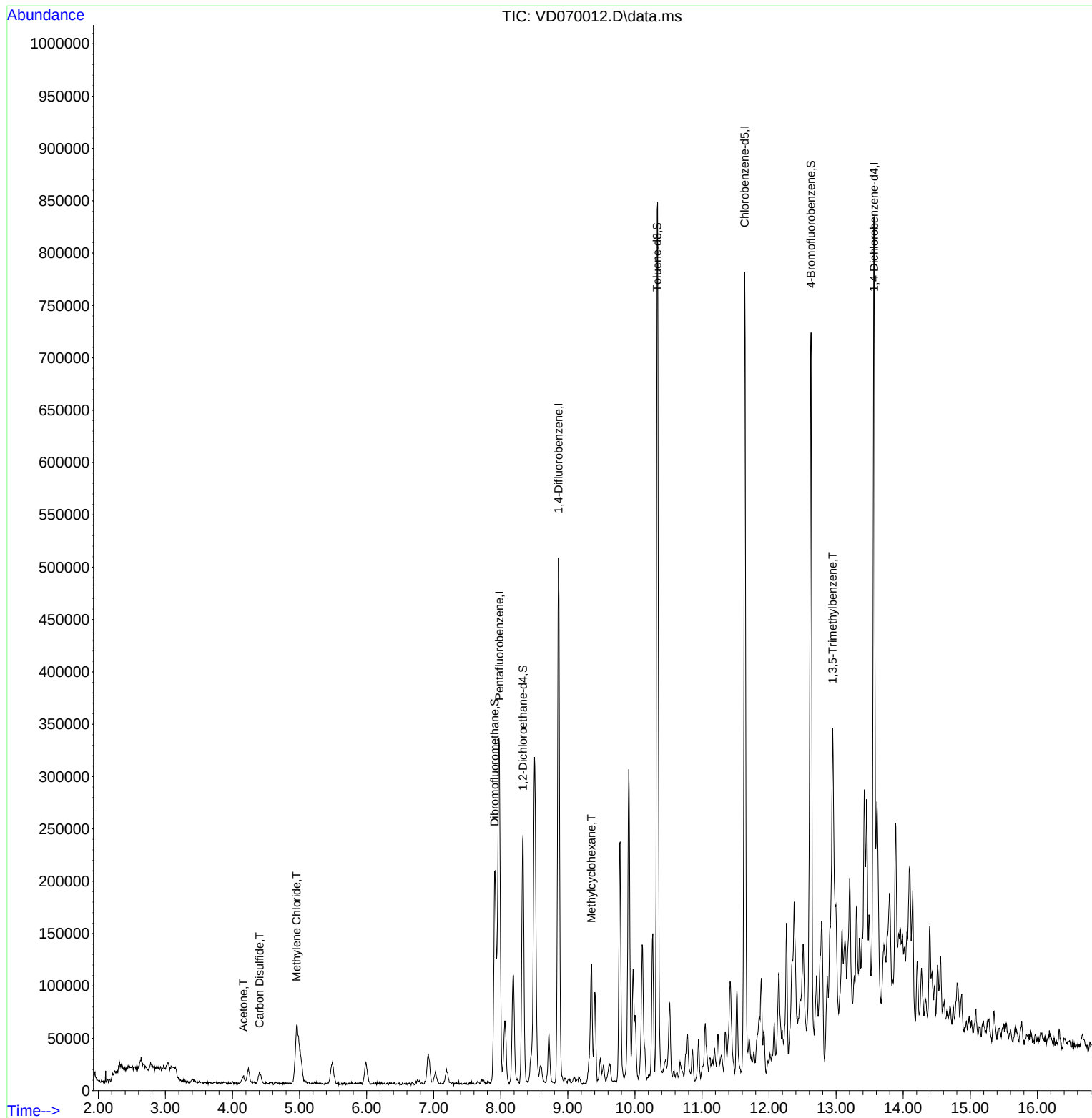
Internal Standards						
1) Pentafluorobenzene	7.979	168	208566	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	429987	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	439985	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	202760	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	185797	77.457	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 154.920%	
35) Dibromofluoromethane	7.908	113	153227	56.528	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 113.060%	
50) Toluene-d8	10.332	98	587045	56.165	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 112.340%	
62) 4-Bromofluorobenzene	12.626	95	220482	63.119	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 126.240%	
Target Compounds						Qvalue
16) Acetone	4.162	43	11034	25.464	ug/l	98
17) Carbon Disulfide	4.403	76	22941	2.689	ug/l #	82
20) Methylene Chloride	4.956	84	40297	7.464	ug/l	95
39) Methylcyclohexane	9.350	83	15719	2.958	ug/l #	61
80) 1,3,5-Trimethylbenzene	12.949	105	54089	4.340	ug/l	100

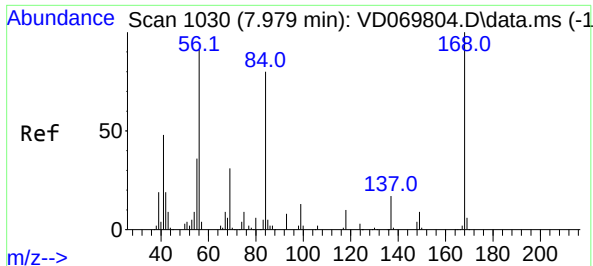
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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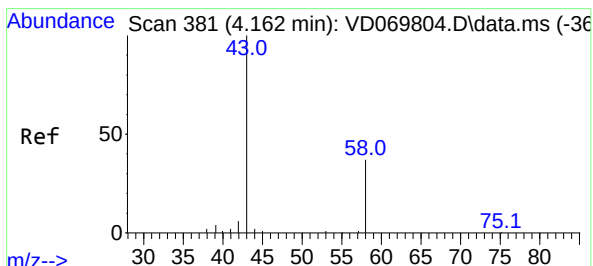
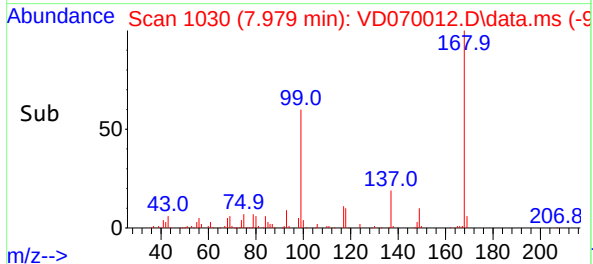
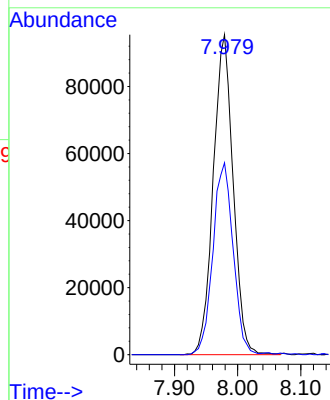
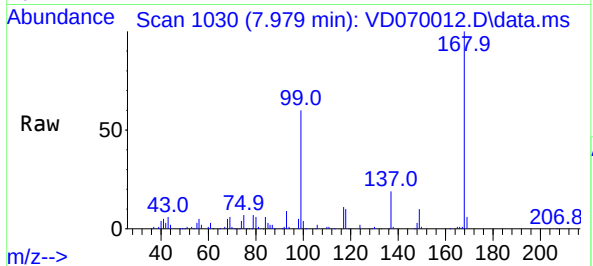




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

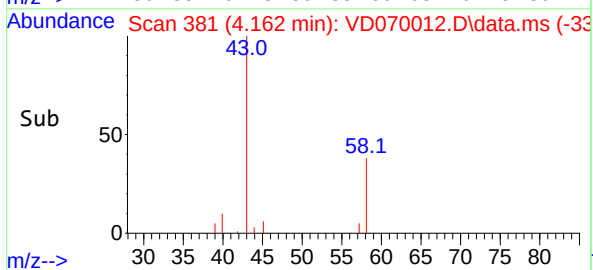
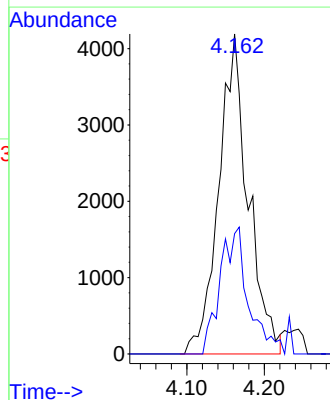
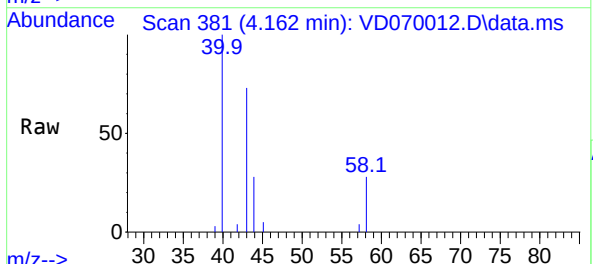
Instrument :
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20210586-COM-9

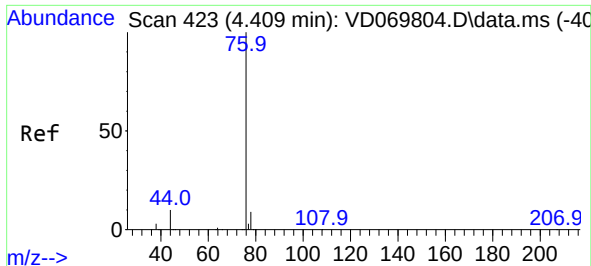
Tgt Ion:168 Resp: 208566
Ion Ratio Lower Upper
168 100
99 59.9 51.1 76.7



#16
Acetone
Concen: 25.464 ug/l
RT: 4.162 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

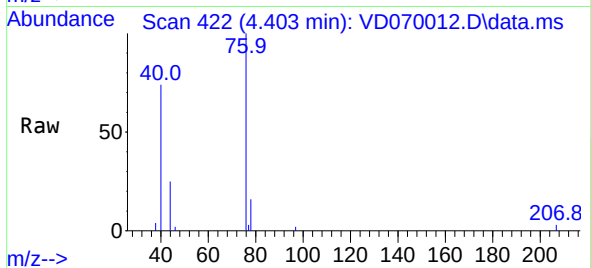
Tgt Ion: 43 Resp: 11034
Ion Ratio Lower Upper
43 100
58 37.6 29.4 44.0



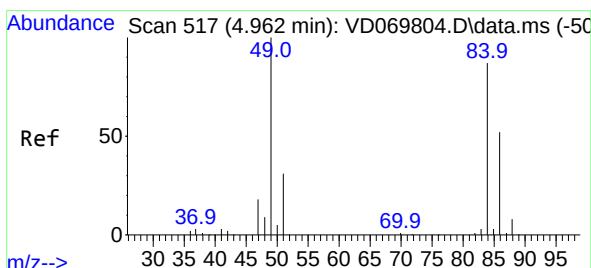
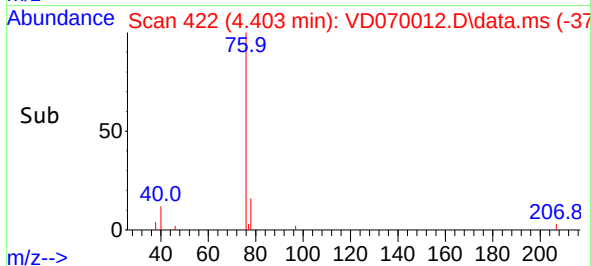
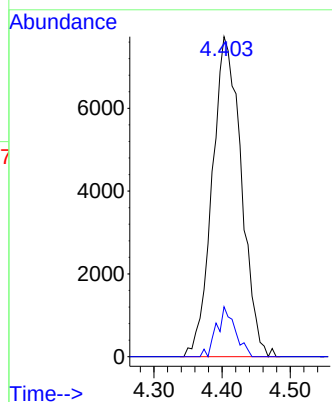


#17
Carbon Disulfide
Concen: 2.689 ug/l
RT: 4.403 min Scan# 422
Delta R.T. -0.006 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Instrument :
MSVOA_D
ClientSampleId :
20210586-COM-9

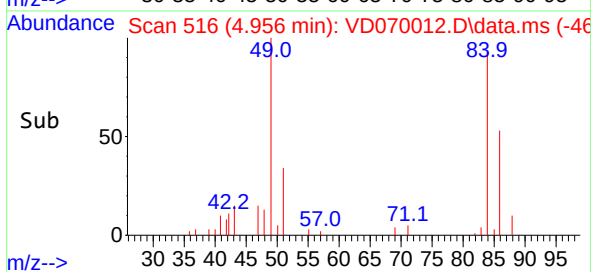
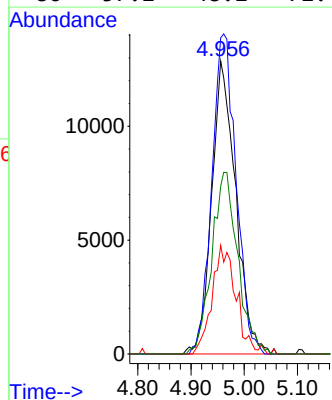
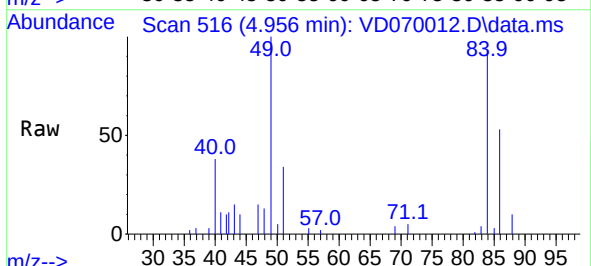


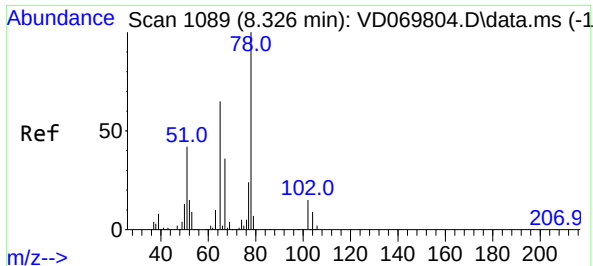
Tgt Ion: 76 Resp: 22941
Ion Ratio Lower Upper
76 100
78 15.6 7.3 10.9#



#20
Methylene Chloride
Concen: 7.464 ug/l
RT: 4.956 min Scan# 516
Delta R.T. -0.006 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Tgt Ion: 84 Resp: 40297
Ion Ratio Lower Upper
84 100
49 107.9 92.4 138.6
51 37.1 28.5 42.7
86 57.2 48.2 72.4

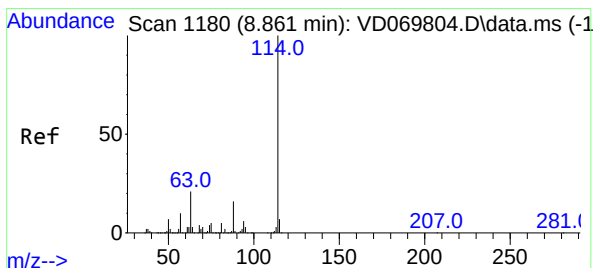
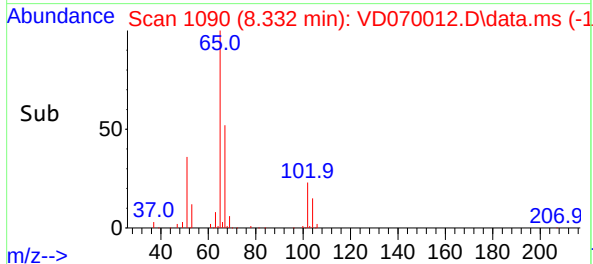
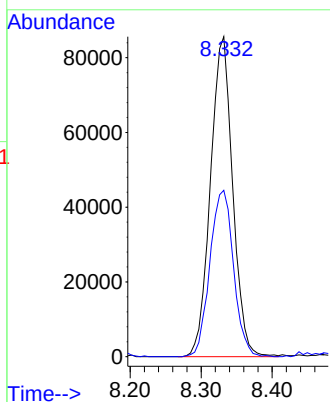
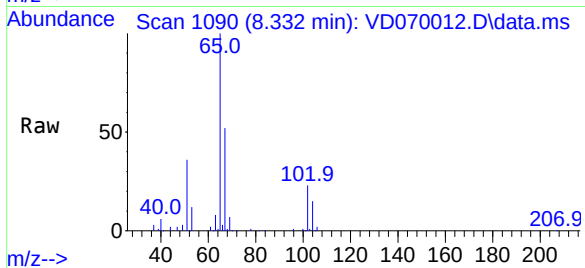




#33
1,2-Dichloroethane-d4
Concen: 77.457 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

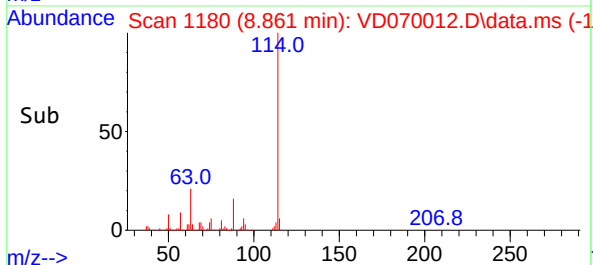
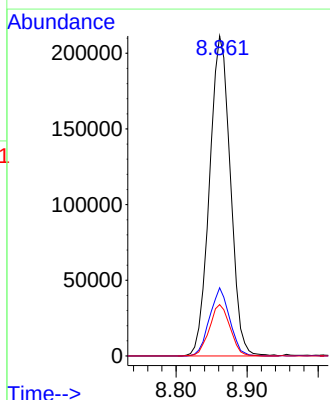
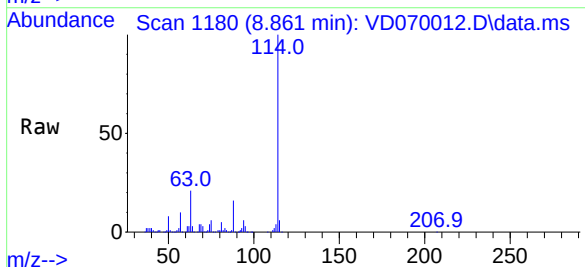
Instrument :
MSVOA_D
ClientSampleId :
20210586-COM-9

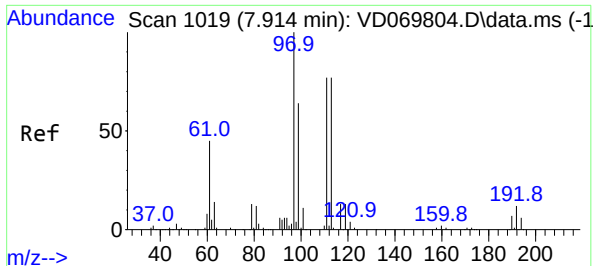
Tgt Ion: 65 Resp: 185797
Ion Ratio Lower Upper
65 100
67 55.2 0.0 111.2



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Tgt Ion:114 Resp: 429987
Ion Ratio Lower Upper
114 100
63 21.3 0.0 41.6
88 16.1 0.0 31.4

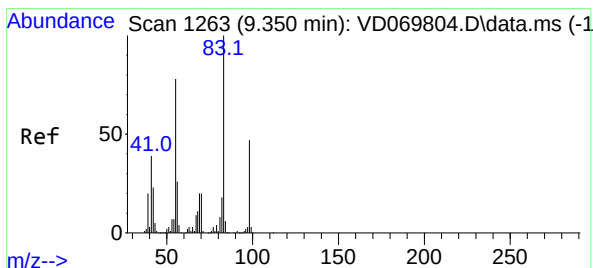
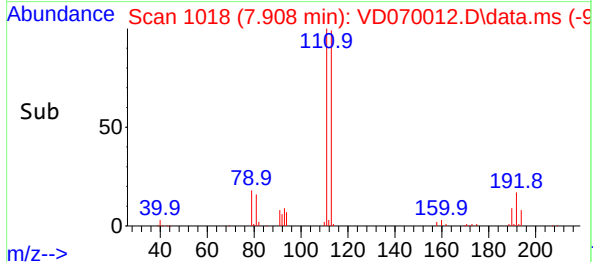
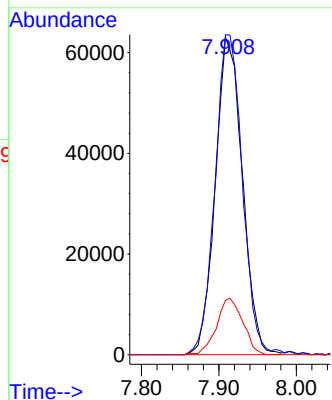
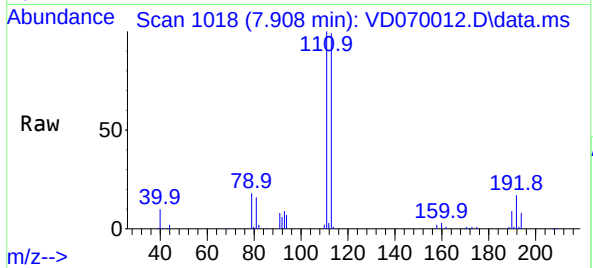




#35
Dibromofluoromethane
Concen: 56.528 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.006 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

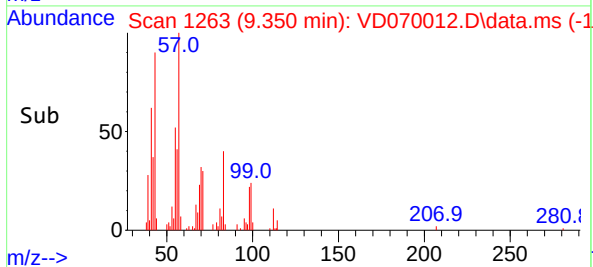
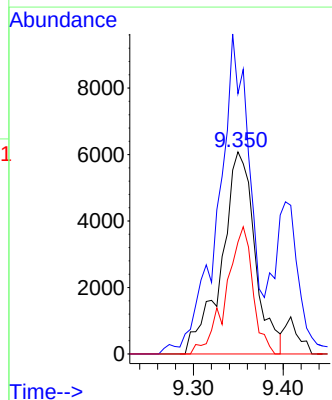
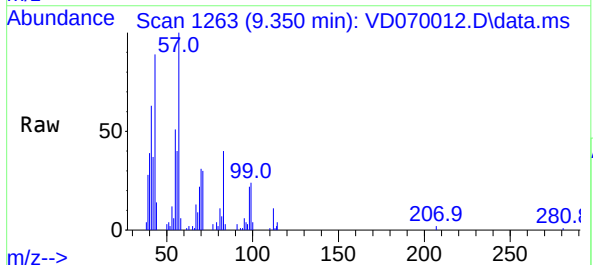
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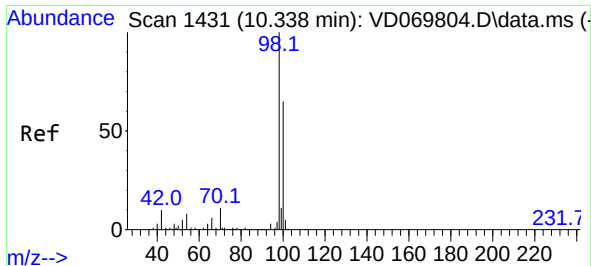
Tgt Ion:113 Resp: 153227
Ion Ratio Lower Upper
113 100
111 102.3 80.5 120.7
192 17.2 12.6 19.0



#39
Methylcyclohexane
Concen: 2.958 ug/l
RT: 9.350 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Tgt Ion: 83 Resp: 15719
Ion Ratio Lower Upper
83 100
55 125.4 62.2 93.2#
98 55.3 37.8 56.8

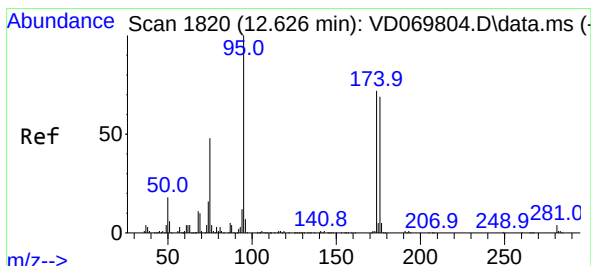
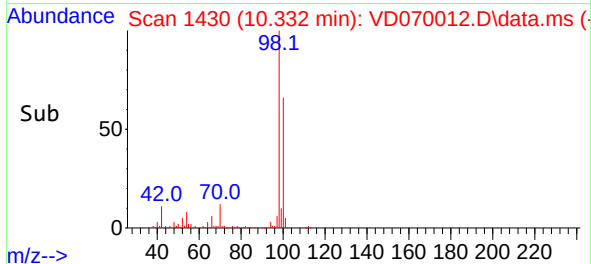
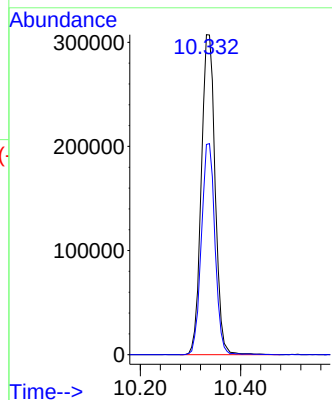
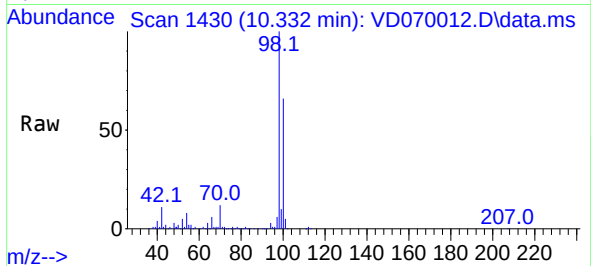




#50
Toluene-d8
Concen: 56.165 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

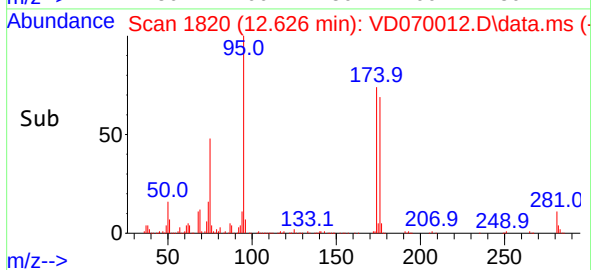
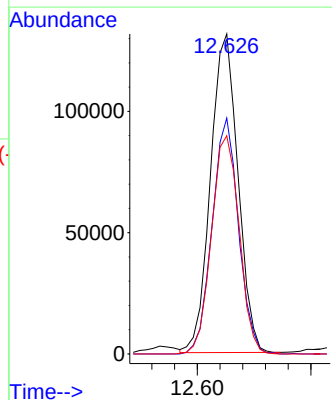
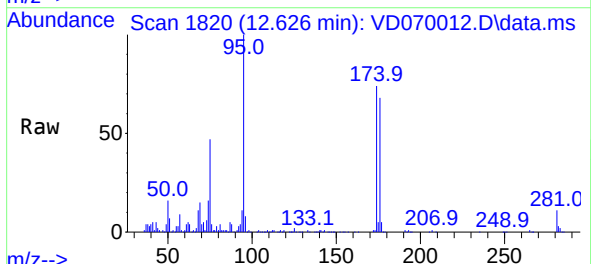
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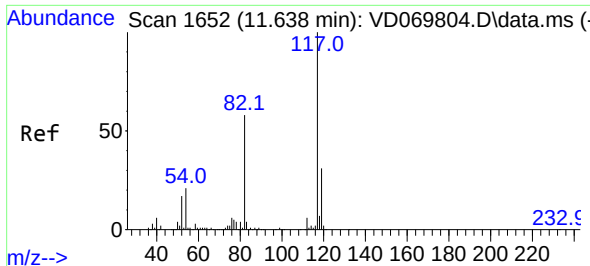
Tgt Ion: 98 Resp: 587045
Ion Ratio Lower Upper
98 100
100 65.0 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 63.119 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Tgt Ion: 95 Resp: 220482
Ion Ratio Lower Upper
95 100
174 71.1 0.0 142.6
176 69.0 0.0 134.2

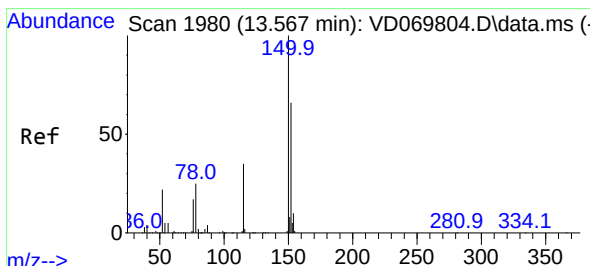
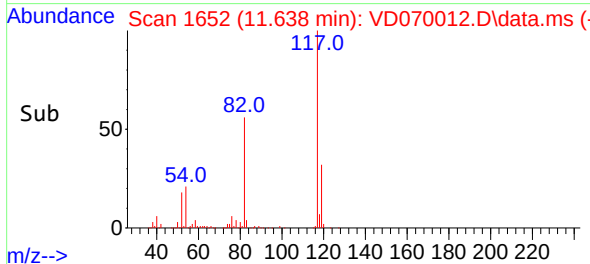
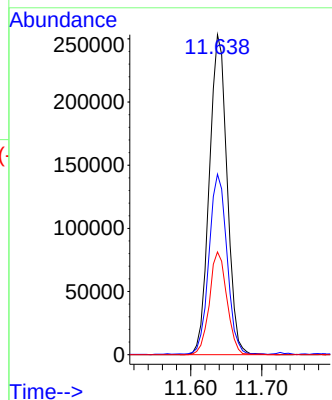
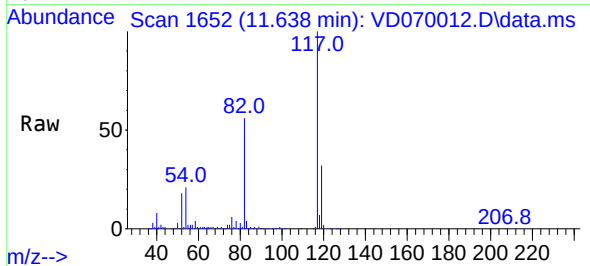




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

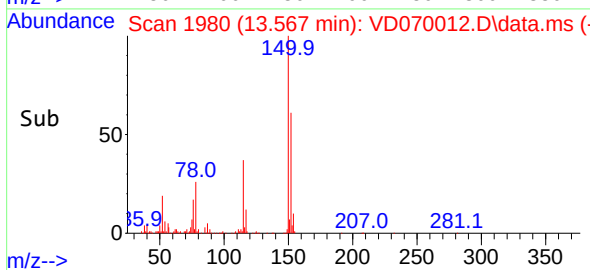
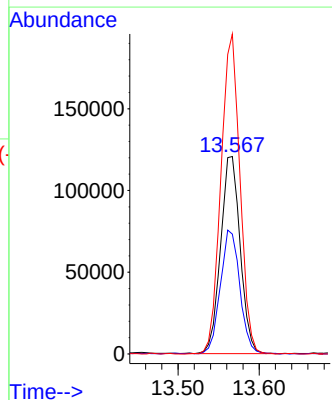
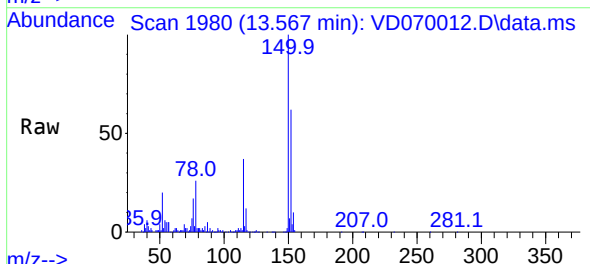
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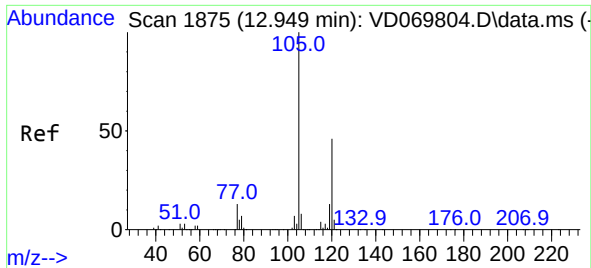
Tgt Ion:	117	Resp:	439985
Ion Ratio	Lower	Upper	
117	100		
82	56.1	46.3	69.5
119	32.1	24.7	37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Tgt Ion:	152	Resp:	202760
Ion Ratio	Lower	Upper	
152	100		
115	62.7	31.1	93.3
150	157.5	0.0	343.0





#80
1,3,5-Trimethylbenzene
Concen: 4.340 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070012.D
Acq: 09 Aug 2021 22:42

Instrument :
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Tgt Ion:105 Resp: 54089
Ion Ratio Lower Upper
105 100
120 47.4 23.8 71.2

