

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080921\
 Data File : VD070013.D
 Acq On : 09 Aug 2021 23:11
 Operator : VA/SY
 Sample : M3318-04
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210595-AMENDED-COM-9

Quant Time: Aug 10 07:08:57 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)

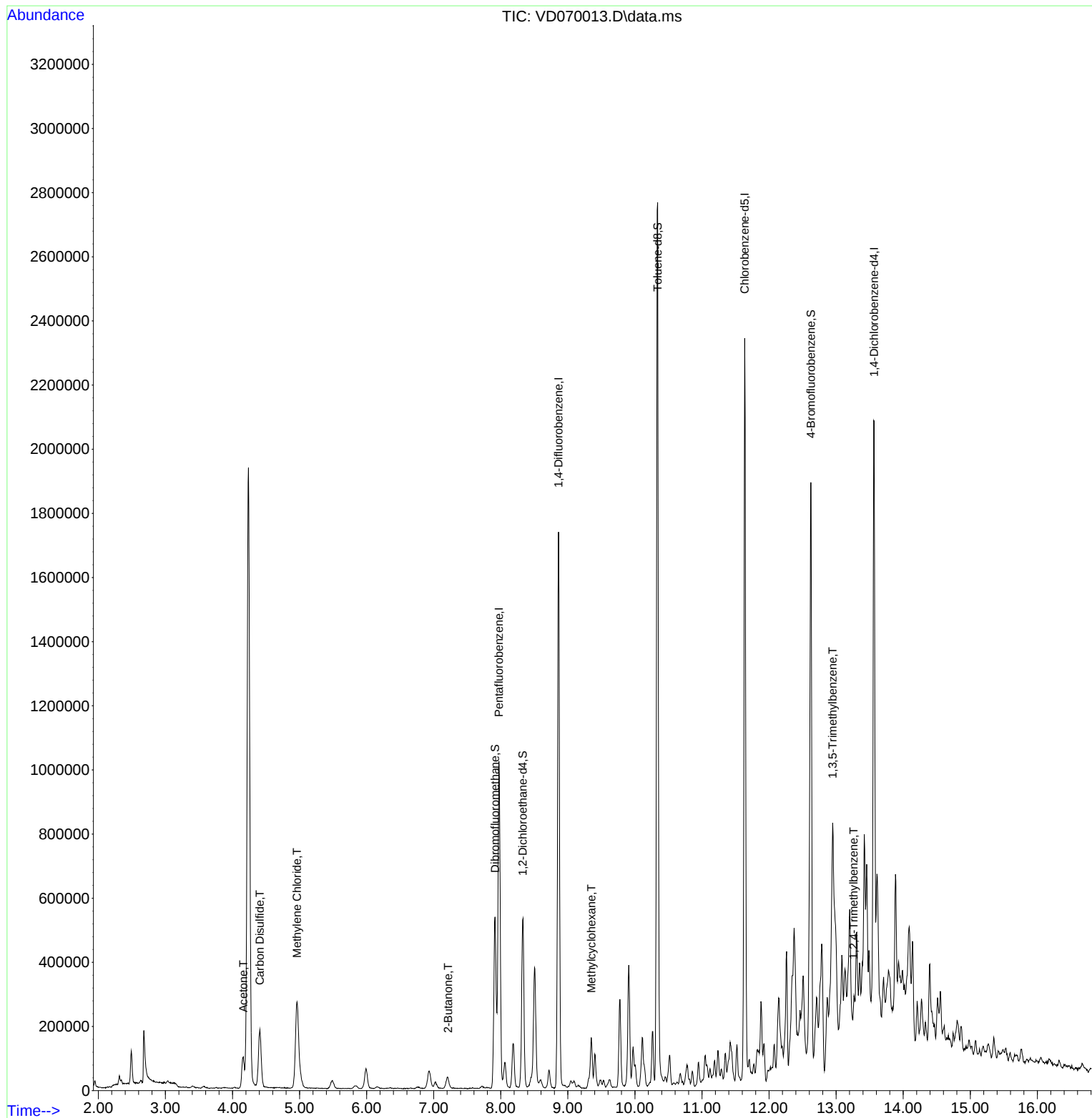
Internal Standards						
1) Pentafluorobenzene	7.973	168	673596	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1438325	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1306726	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	519263	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	420543	54.285	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 108.560%	
35) Dibromofluoromethane	7.914	113	392760	43.317	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 86.640%	
50) Toluene-d8	10.338	98	1858808	53.166	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 106.340%	
62) 4-Bromofluorobenzene	12.626	95	604054	51.697	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 103.400%	
Target Compounds						
						Qvalue
16) Acetone	4.161	43	175492	125.400	ug/l	92
17) Carbon Disulfide	4.408	76	394572	14.319	ug/l	99
20) Methylene Chloride	4.961	84	222282	17.869	ug/l	96
25) 2-Butanone	7.214	43	34708	18.288	ug/l	99
39) Methylcyclohexane	9.349	83	25334	1.425	ug/l #	59
80) 1,3,5-Trimethylbenzene	12.949	105	79092	2.478	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	37946	1.205	ug/l	89

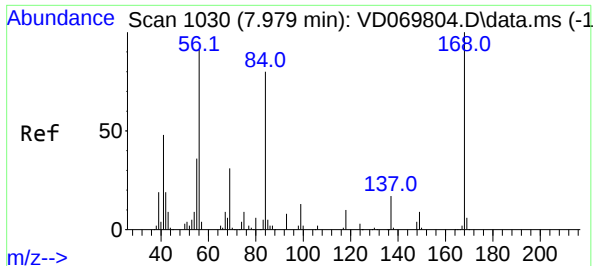
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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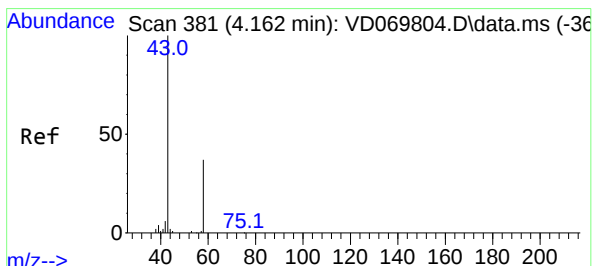
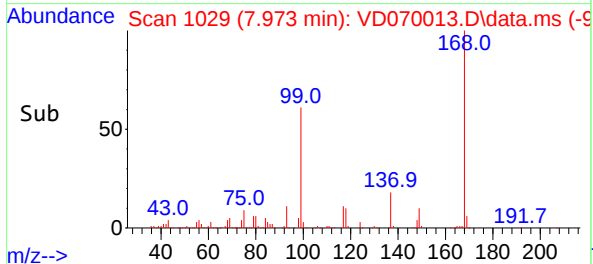
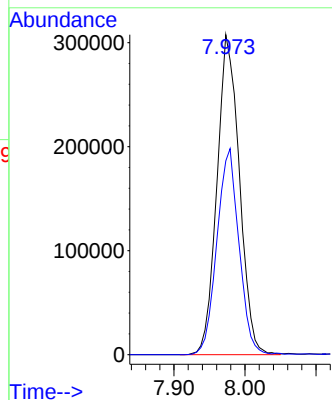
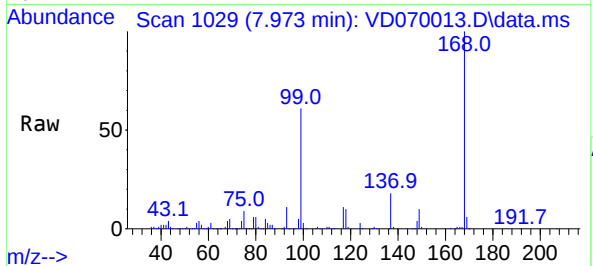




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.973 min Scan# 1029
Delta R.T. -0.006 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

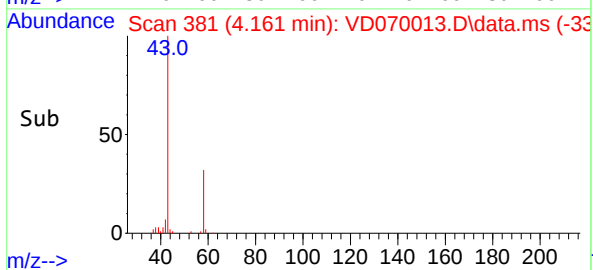
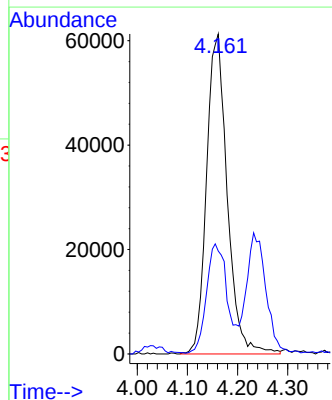
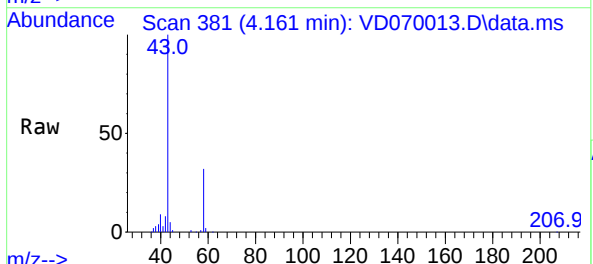
Instrument :
MSVOA_D
ClientSampleId :
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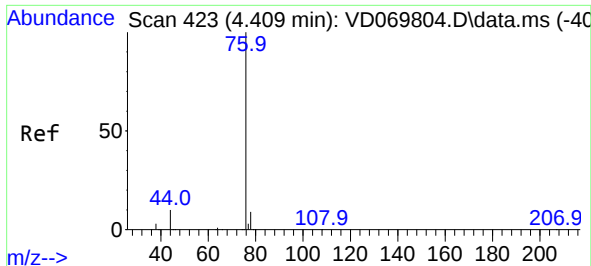
Tgt Ion:168 Resp: 673596
Ion Ratio Lower Upper
168 100
99 60.6 51.1 76.7



#16
Acetone
Concen: 125.400 ug/l
RT: 4.161 min Scan# 381
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion: 43 Resp: 175492
Ion Ratio Lower Upper
43 100
58 31.7 29.4 44.0

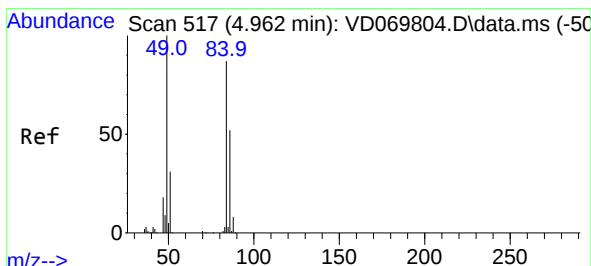
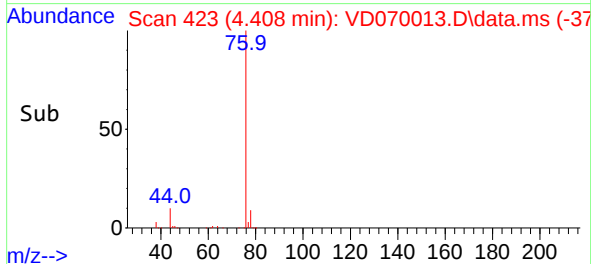
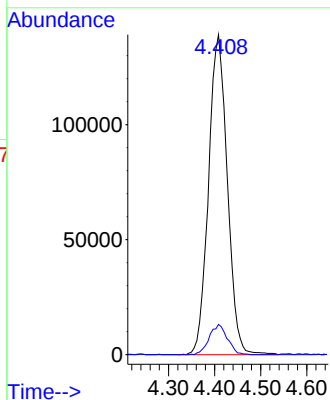
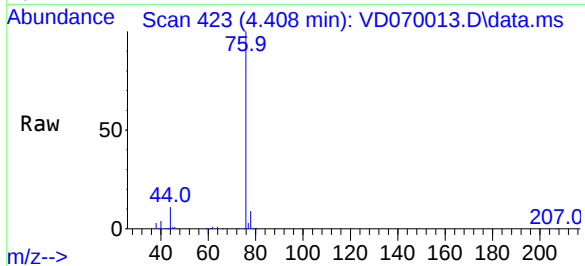




#17
Carbon Disulfide
Concen: 14.319 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

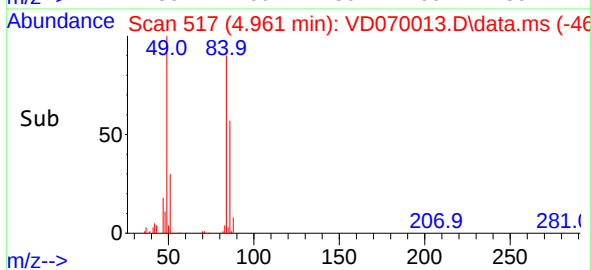
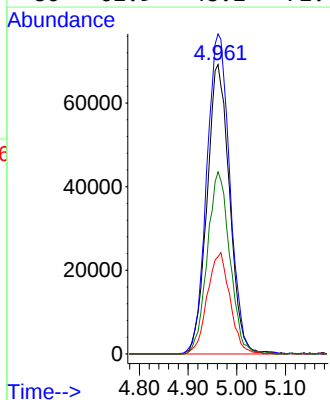
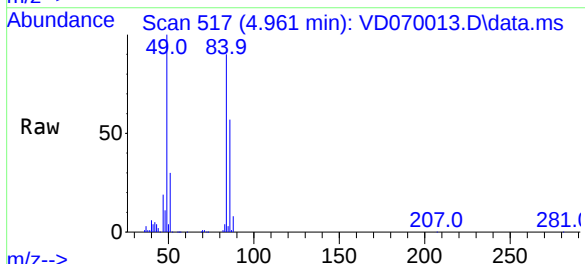
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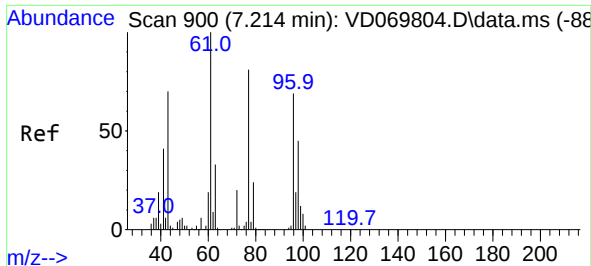
Tgt Ion: 76 Resp: 394572
Ion Ratio Lower Upper
76 100
78 9.5 7.3 10.9



#20
Methylene Chloride
Concen: 17.869 ug/l
RT: 4.961 min Scan# 517
Delta R.T. -0.001 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion: 84 Resp: 222282
Ion Ratio Lower Upper
84 100
49 110.5 92.4 138.6
51 33.6 28.5 42.7
86 62.9 48.2 72.4

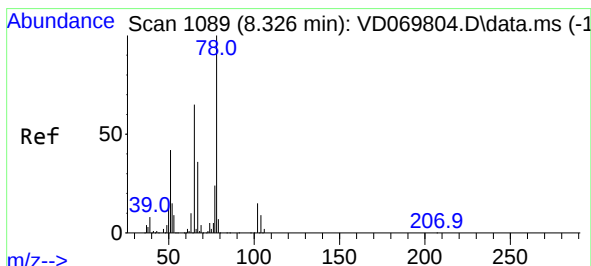
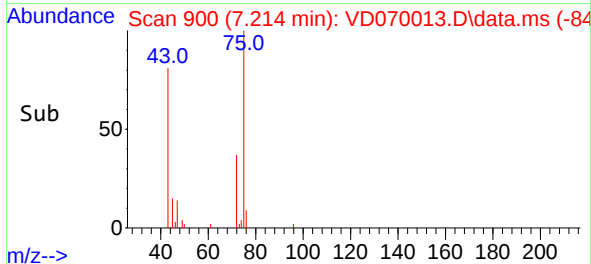
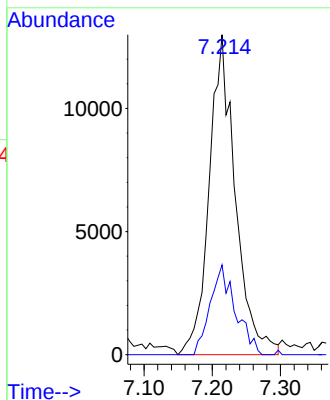
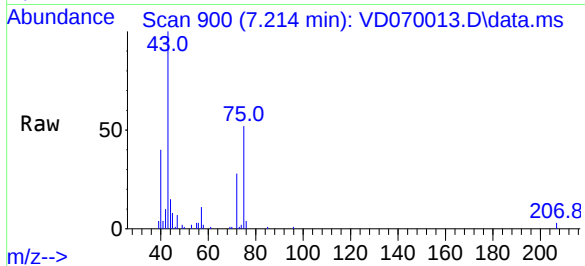




#25
2-Butanone
Concen: 18.288 ug/l
RT: 7.214 min Scan# 900
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

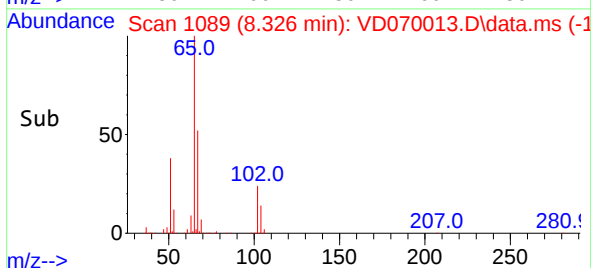
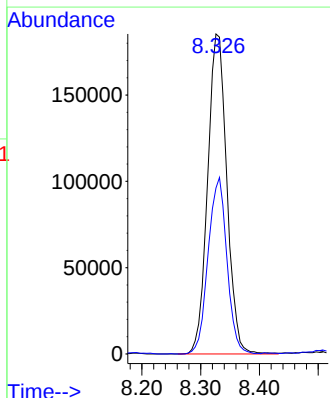
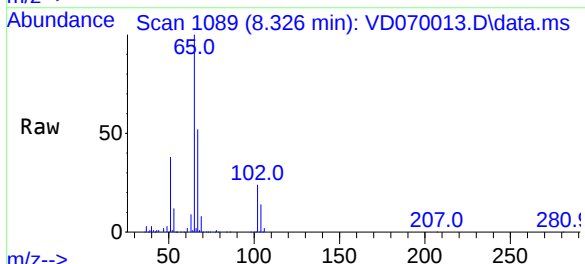
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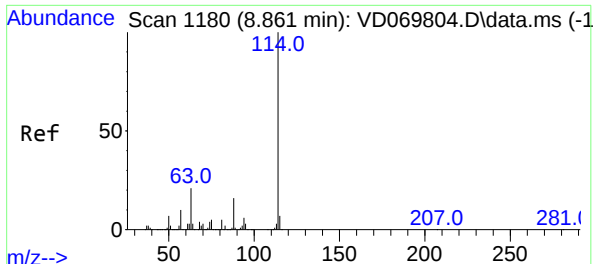
Tgt Ion: 43 Resp: 34708
Ion Ratio Lower Upper
43 100
72 28.1 22.8 34.2



#33
1,2-Dichloroethane-d4
Concen: 54.285 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion: 65 Resp: 420543
Ion Ratio Lower Upper
65 100
67 54.0 0.0 111.2

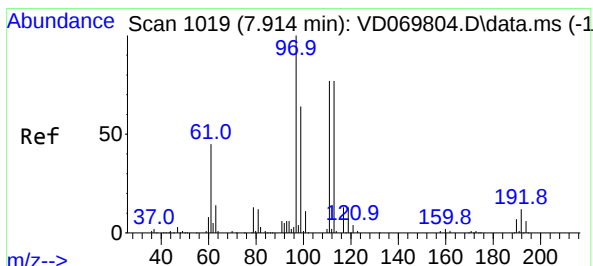
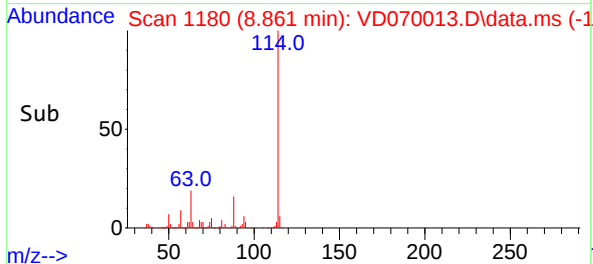
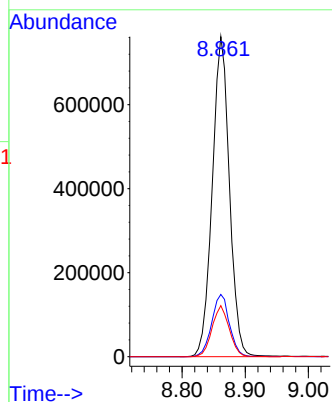
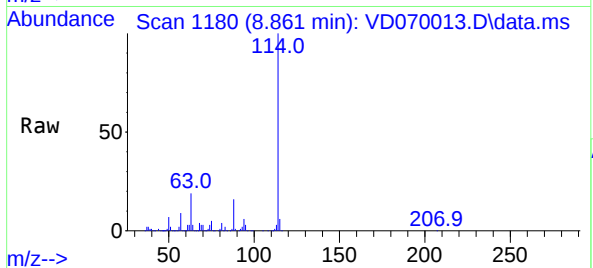




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

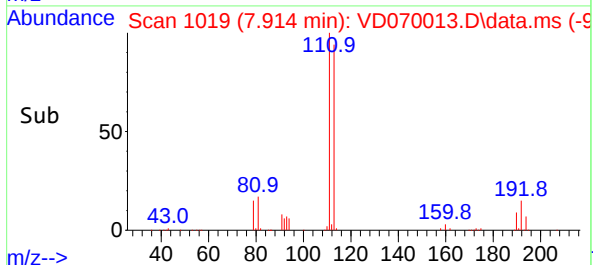
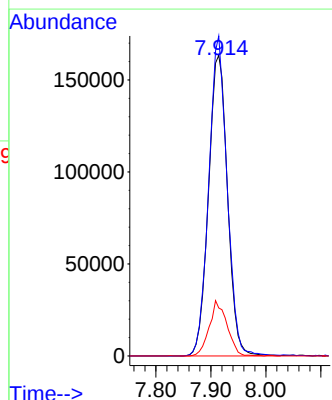
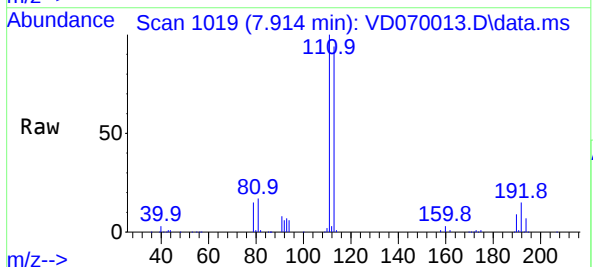
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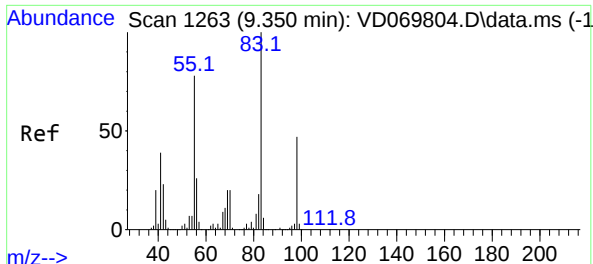
Tgt Ion:114 Resp: 1438325
Ion Ratio Lower Upper
114 100
63 19.4 0.0 41.6
88 15.9 0.0 31.4



#35
Dibromofluoromethane
Concen: 43.317 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion:113 Resp: 392760
Ion Ratio Lower Upper
113 100
111 102.7 80.5 120.7
192 17.2 12.6 19.0

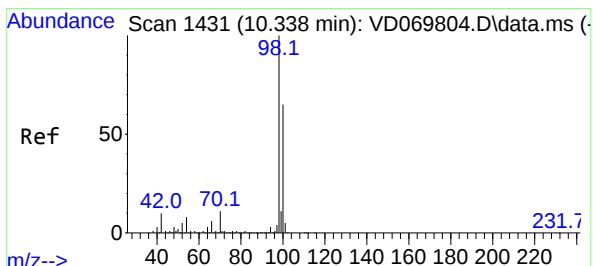
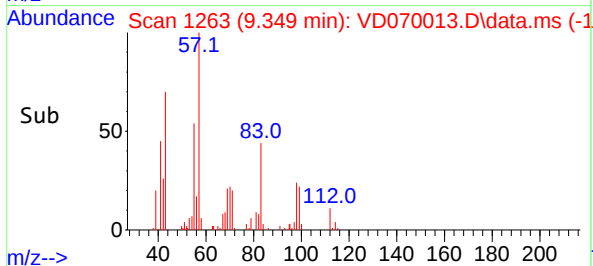
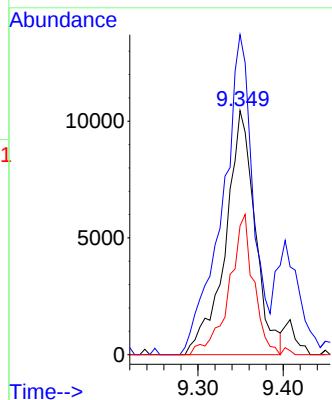
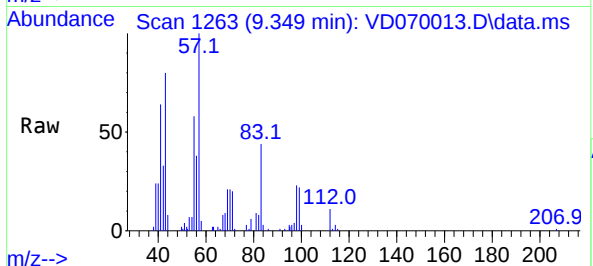




#39
Methylcyclohexane
Concen: 1.425 ug/l
RT: 9.349 min Scan# 1263
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

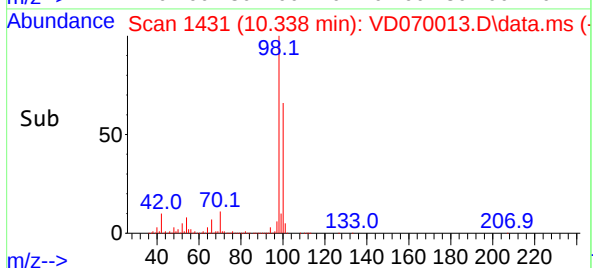
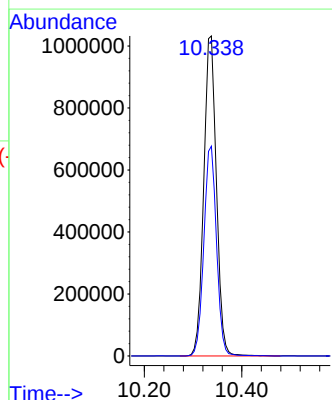
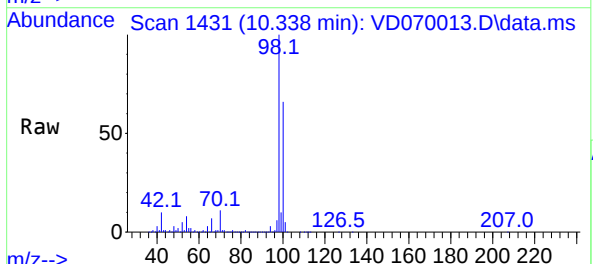
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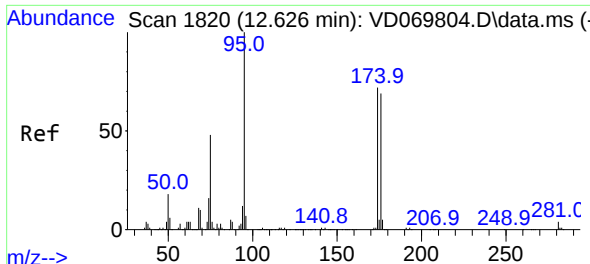
Tgt Ion: 83 Resp: 25334
Ion Ratio Lower Upper
83 100
55 131.2 62.2 93.2#
98 52.8 37.8 56.8



#50
Toluene-d8
Concen: 53.166 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion: 98 Resp: 1858808
Ion Ratio Lower Upper
98 100
100 65.5 51.9 77.9

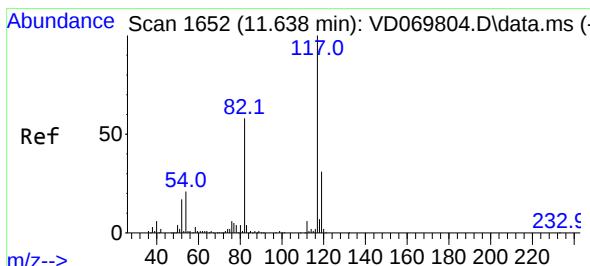
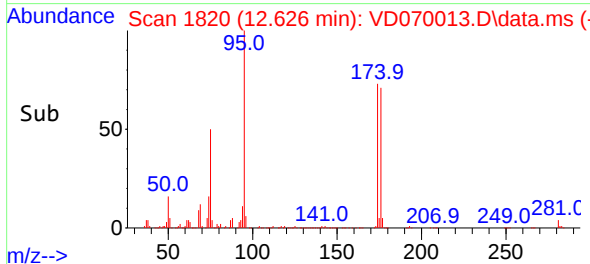
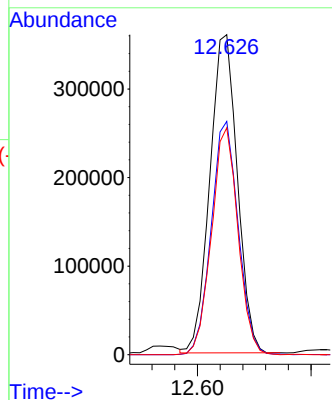
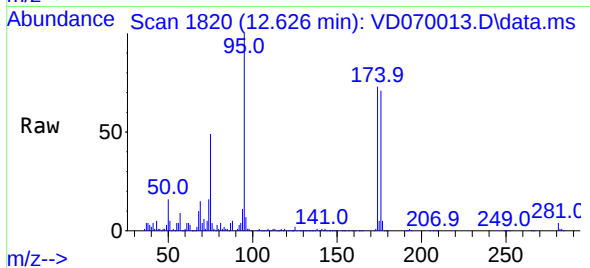




#62
4-Bromofluorobenzene
Concen: 51.697 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

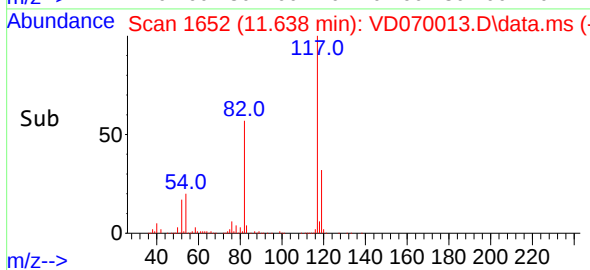
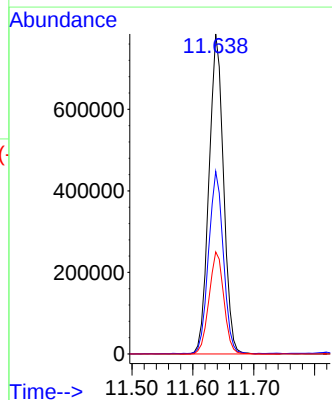
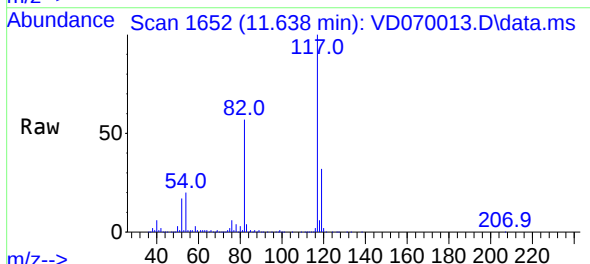
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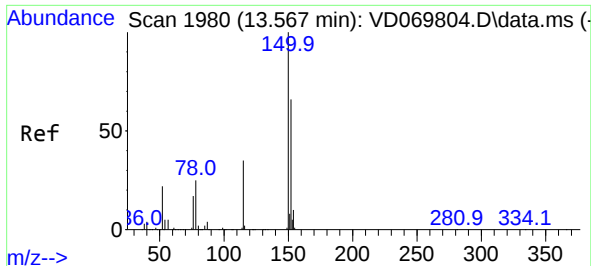
Tgt Ion:	95	Resp:	604054
Ion	Ratio	Lower	Upper
95	100		
174	72.1	0.0	142.6
176	68.6	0.0	134.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion:	117	Resp:	1306726
Ion	Ratio	Lower	Upper
117	100		
82	56.9	46.3	69.5
119	31.9	24.7	37.1

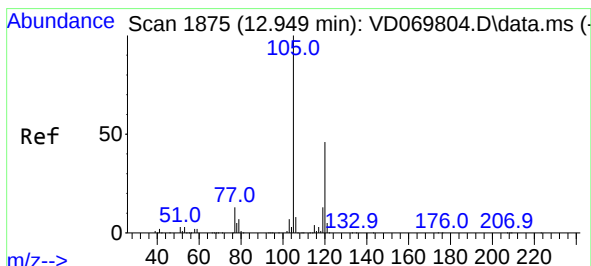
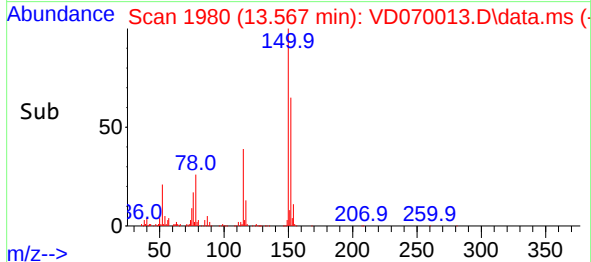
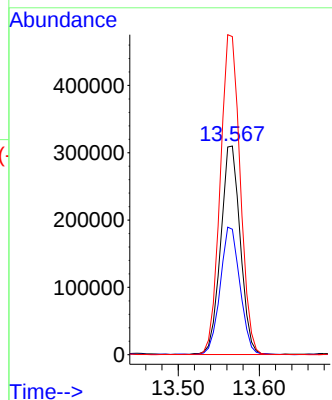
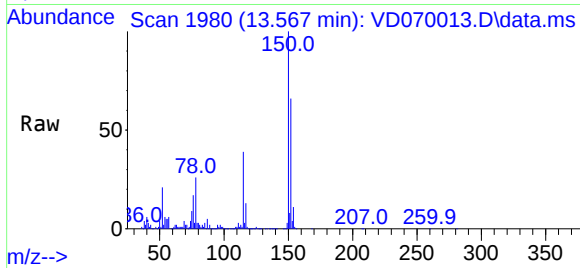




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

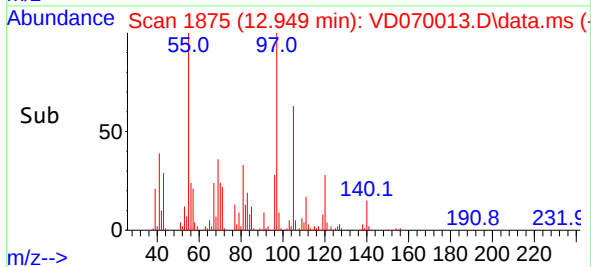
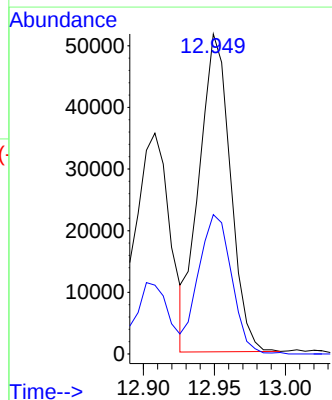
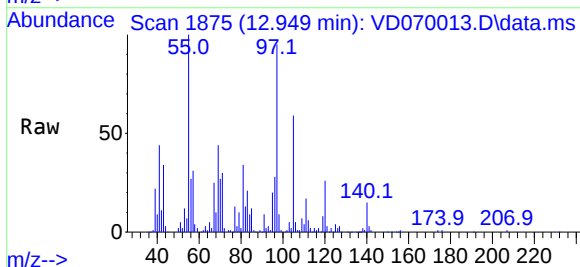
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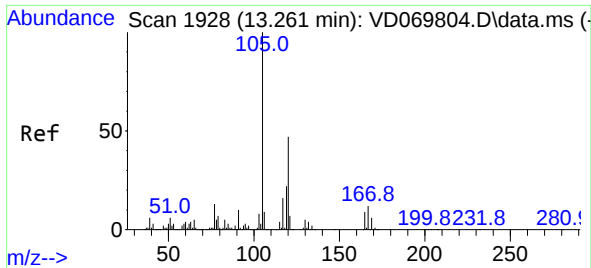
Tgt Ion:152 Resp: 519263
Ion Ratio Lower Upper
152 100
115 62.0 31.1 93.3
150 156.3 0.0 343.0



#80
1,3,5-Trimethylbenzene
Concen: 2.478 ug/l
RT: 12.949 min Scan# 1875
Delta R.T. -0.000 min
Lab File: VD070013.D
Acq: 09 Aug 2021 23:11

Tgt Ion:105 Resp: 79092
Ion Ratio Lower Upper
105 100
120 46.4 23.8 71.2





#84
 1,2,4-Trimethylbenzene
 Concen: 1.205 ug/l
 RT: 13.261 min Scan# 1928
 Delta R.T. -0.000 min
 Lab File: VD070013.D
 Acq: 09 Aug 2021 23:11

Instrument :
 MSVOA_D
 ClientSampleId :
 20210595-AMENDED-COM-9

Tgt Ion:105 Resp: 37946
 Ion Ratio Lower Upper
 105 100
 120 38.3 22.6 67.8

