

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081621\
 Data File : VD070071.D
 Acq On : 16 Aug 2021 17:17
 Operator : VA/SY
 Sample : M3343-09
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 20210591-AMENDED-COM-5

Quant Time: Aug 17 03:57:05 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)

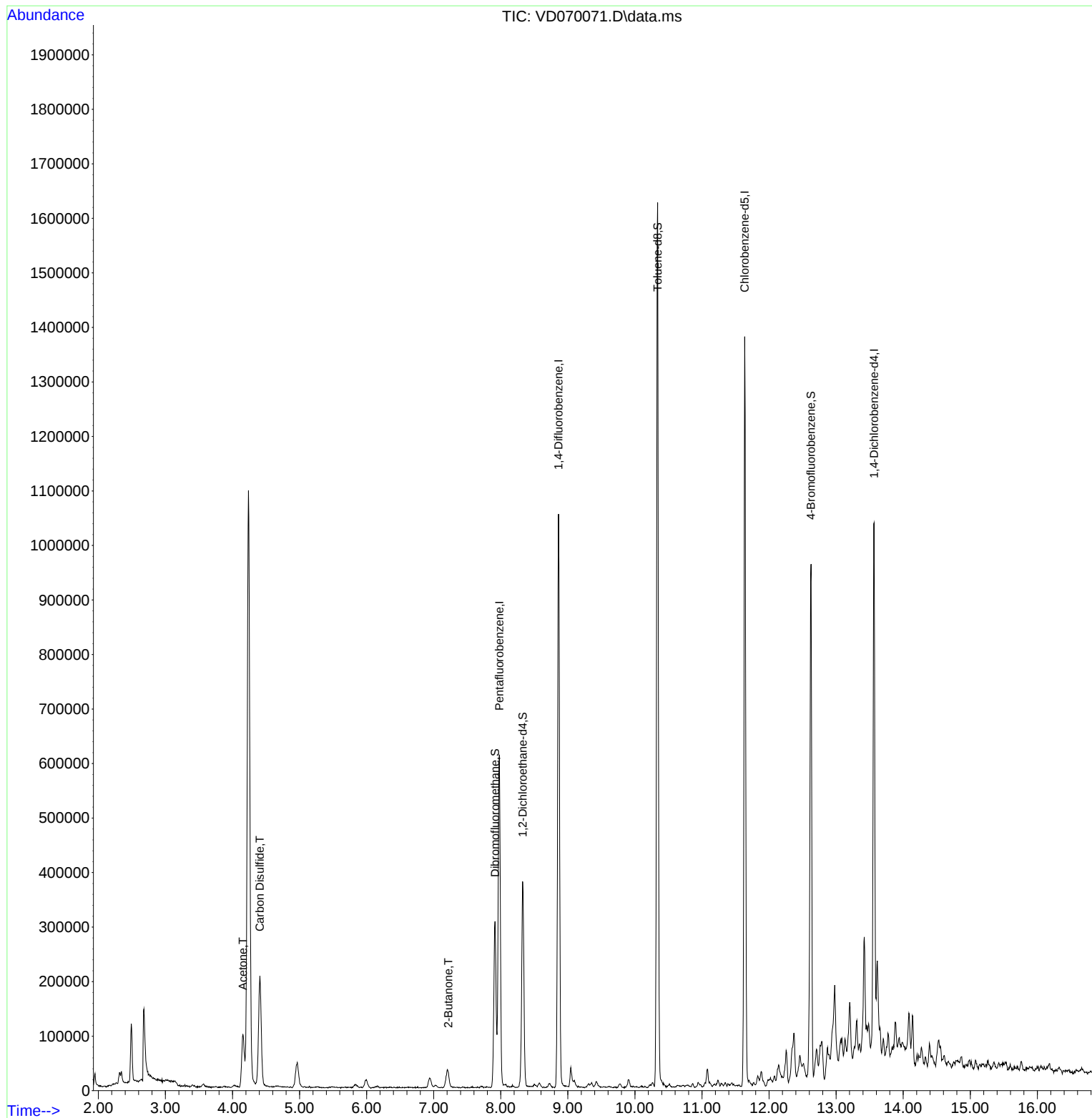
Internal Standards						
1) Pentafluorobenzene	7.979	168	429094	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	881175	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	784539	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	271809	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	288531	57.171	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.340%
35) Dibromofluoromethane	7.914	113	225074	39.535	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	79.080%
50) Toluene-d8	10.338	98	1117886	50.486	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.980%
62) 4-Bromofluorobenzene	12.626	95	337081	46.219	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.440%
Target Compounds						
						Qvalue
16) Acetone	4.155	43	174668	187.874	ug/l	97
17) Carbon Disulfide	4.408	76	433749	23.533	ug/l	100
25) 2-Butanone	7.220	43	34122	26.860	ug/l #	87

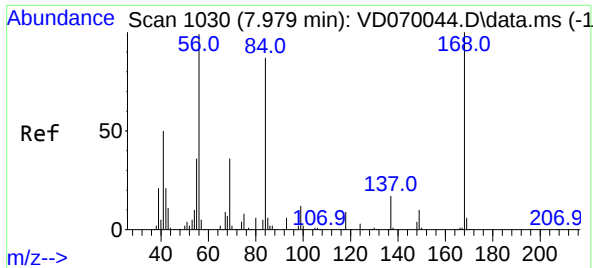
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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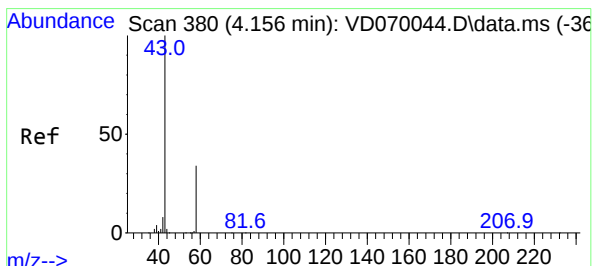
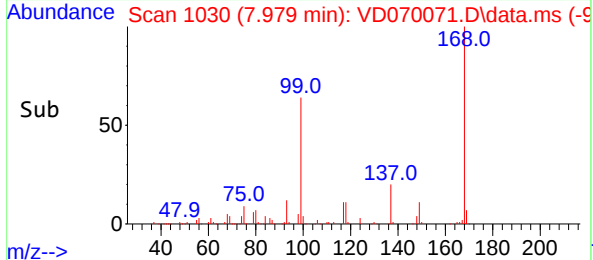
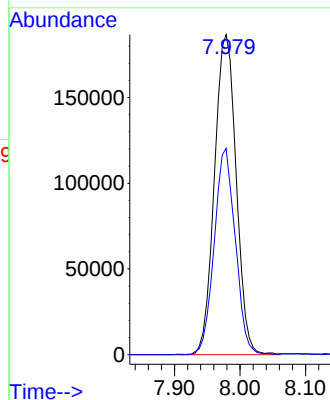
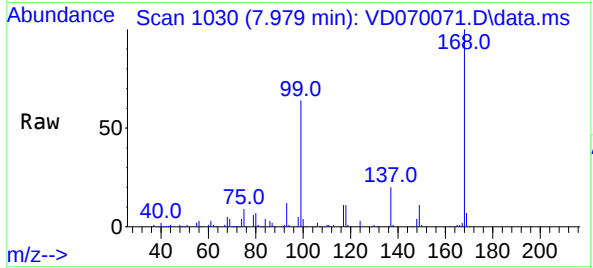




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

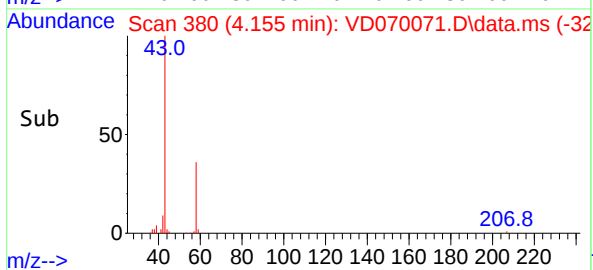
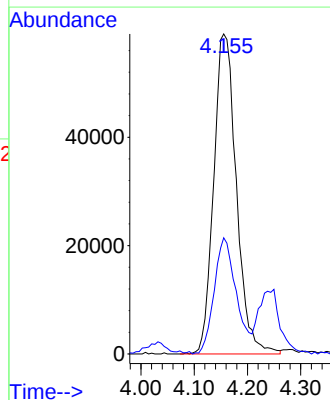
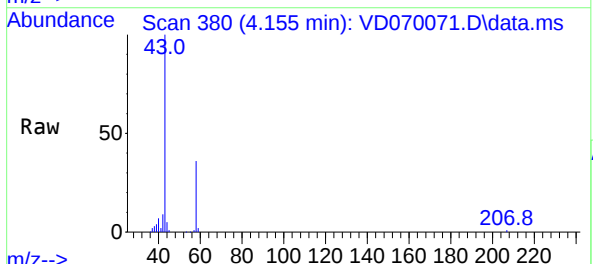
Instrument :
MSVOA_D
ClientSampleId :
20210591-AMENDED-COM-5

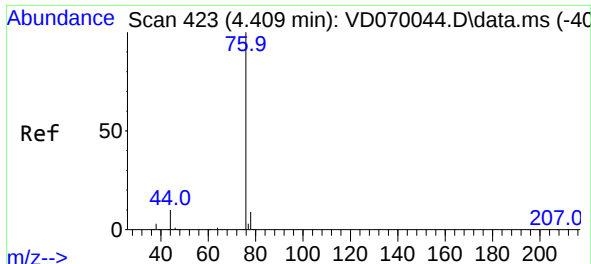
Tgt Ion:168 Resp: 429094
Ion Ratio Lower Upper
168 100
99 64.3 50.3 75.5



#16
Acetone
Concen: 187.874 ug/l
RT: 4.155 min Scan# 380
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Tgt Ion: 43 Resp: 174668
Ion Ratio Lower Upper
43 100
58 35.4 26.8 40.2

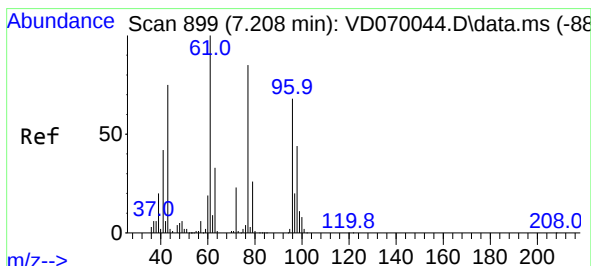
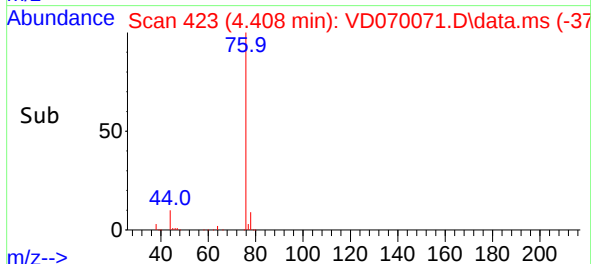
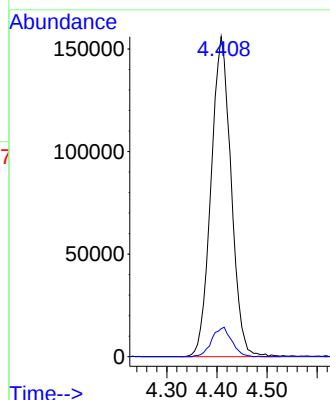
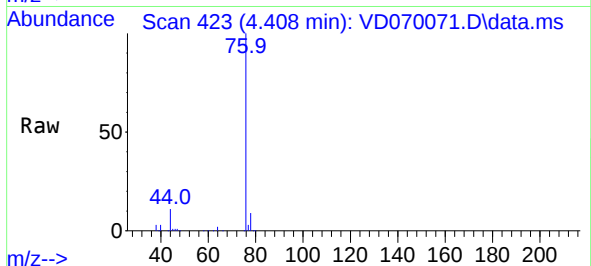




#17
Carbon Disulfide
Concen: 23.533 ug/l
RT: 4.408 min Scan# 423
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

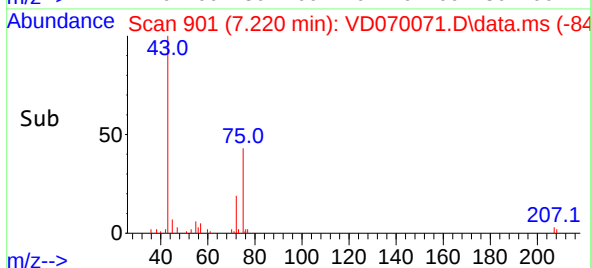
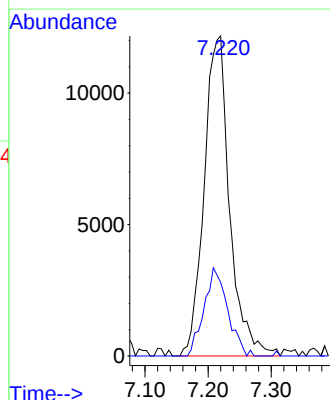
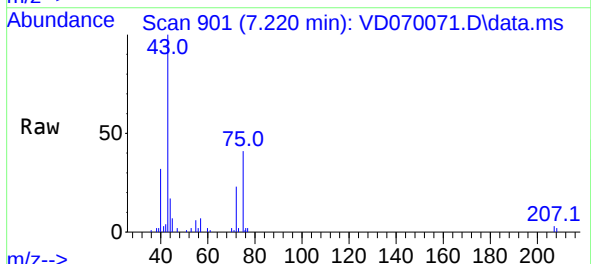
Instrument :
MSVOA_D
ClientSampleId :
20210591-AMENDED-COM-5

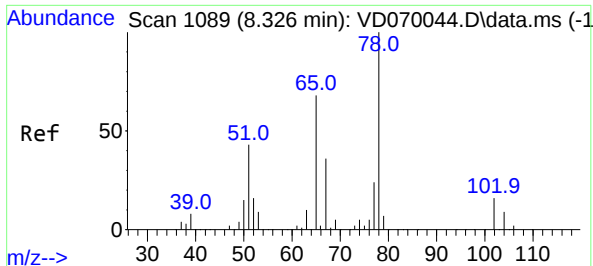
Tgt Ion: 76 Resp: 433749
Ion Ratio Lower Upper
76 100
78 8.8 7.1 10.7



#25
2-Butanone
Concen: 26.860 ug/l
RT: 7.220 min Scan# 901
Delta R.T. 0.012 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Tgt Ion: 43 Resp: 34122
Ion Ratio Lower Upper
43 100
72 23.0 24.2 36.4#



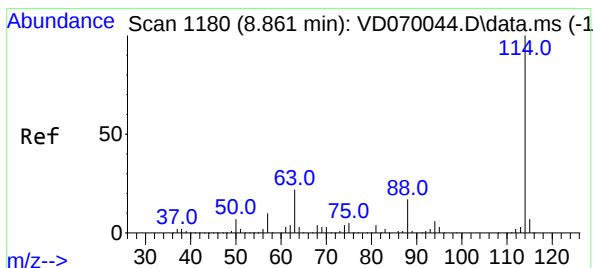
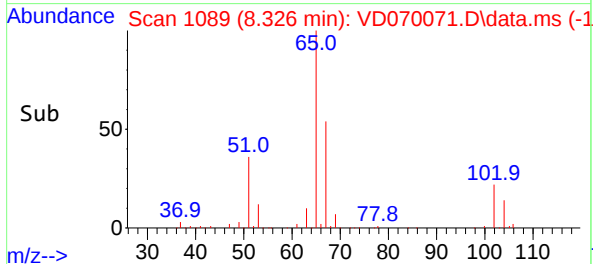
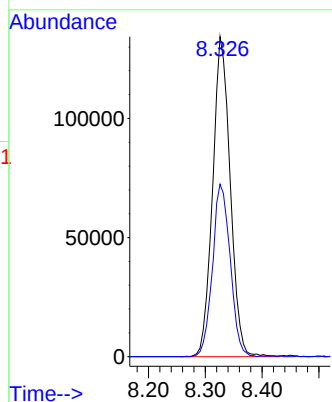
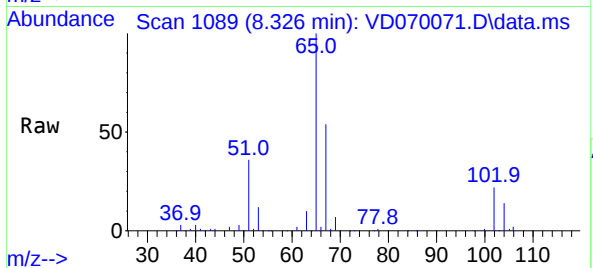


#33

1,2-Dichloroethane-d4
Concen: 57.171 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Instrument :
MSVOA_D
ClientSampleId :
20210591-AMENDED-COM-5

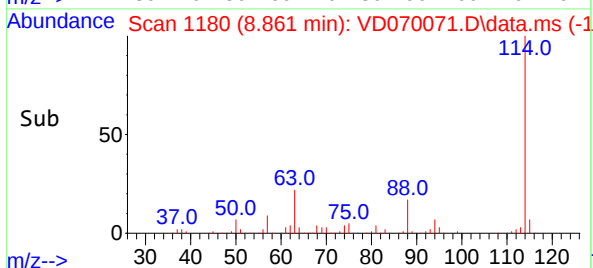
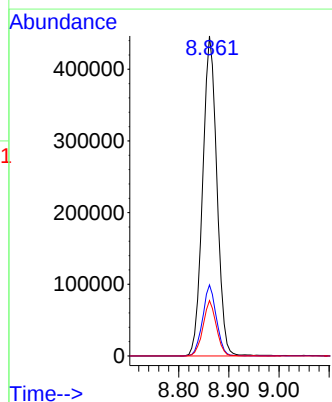
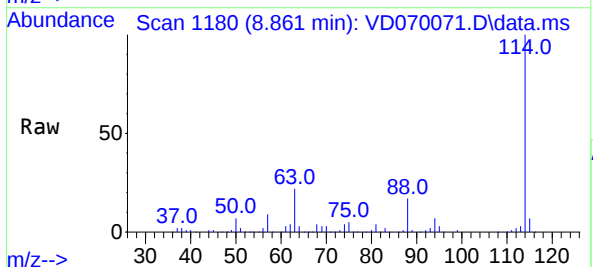
Tgt Ion: 65 Resp: 288531
Ion Ratio Lower Upper
65 100
67 54.2 0.0 107.8

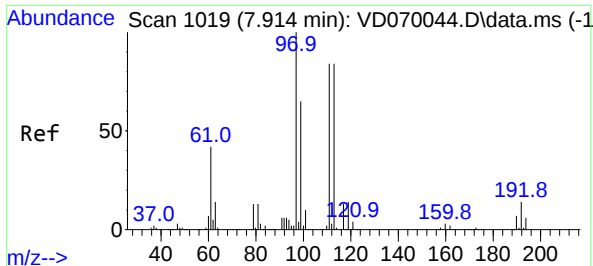


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Tgt Ion: 114 Resp: 881175
Ion Ratio Lower Upper
114 100
63 22.2 0.0 43.6
88 17.3 0.0 33.4



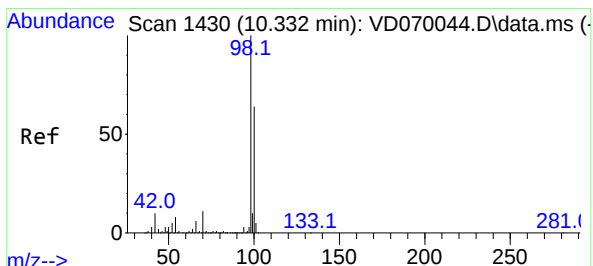
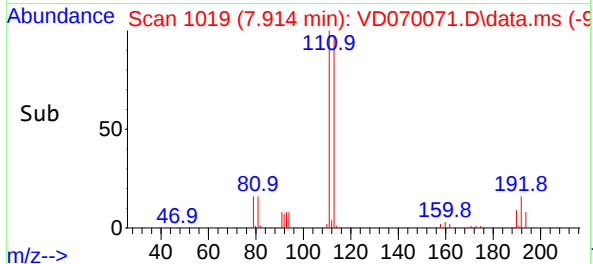
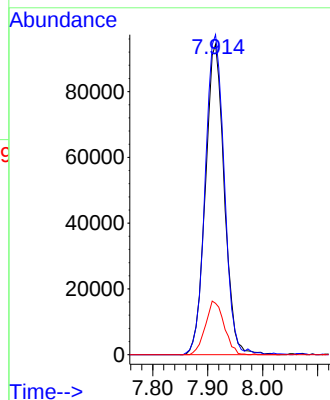
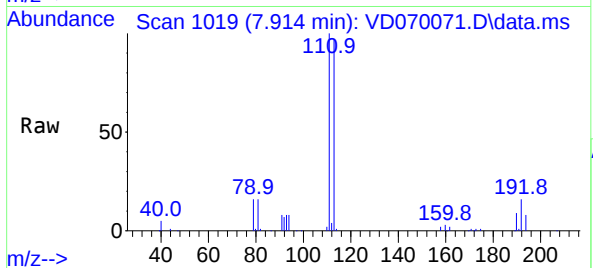


#35

Dibromofluoromethane
Concen: 39.535 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Instrument :
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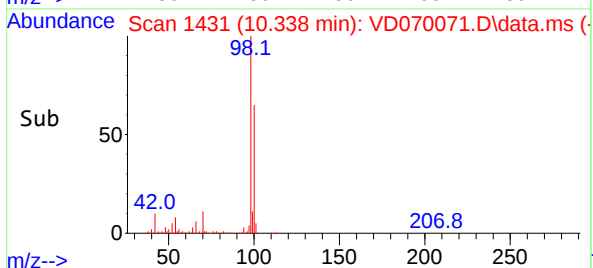
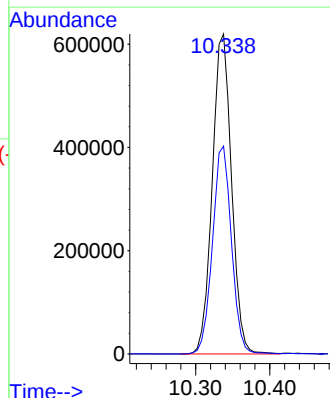
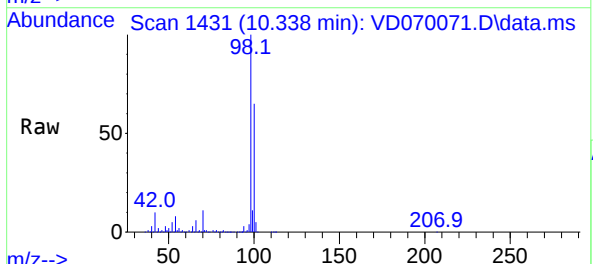
Tgt Ion:113 Resp: 225074
Ion Ratio Lower Upper
113 100
111 103.7 81.8 122.6
192 17.2 13.2 19.8

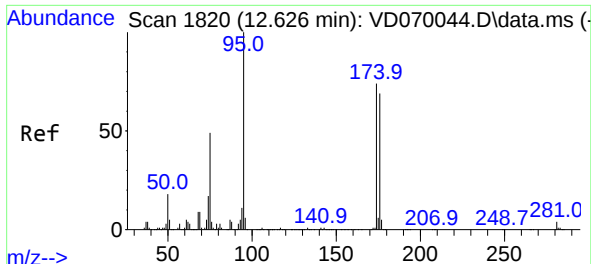


#50

Toluene-d8
Concen: 50.486 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Tgt Ion: 98 Resp: 1117886
Ion Ratio Lower Upper
98 100
100 64.0 52.6 78.8

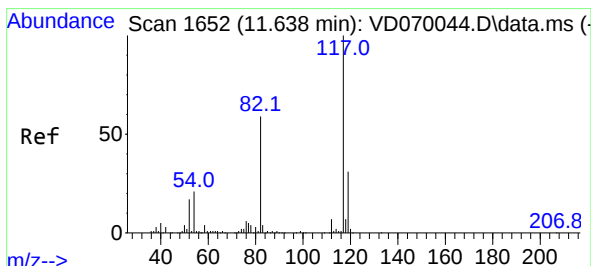
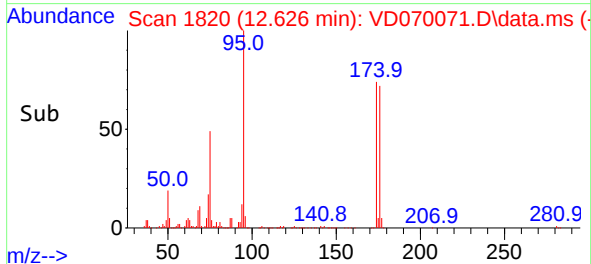
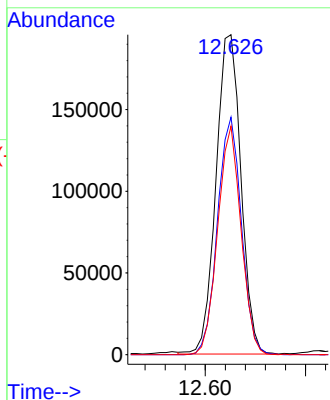
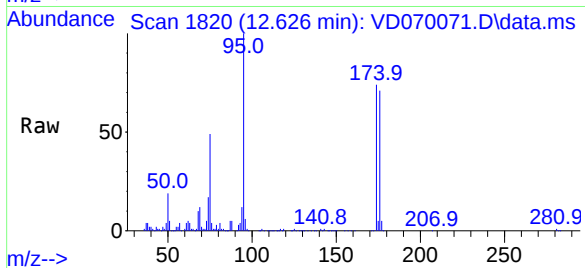




#62
4-Bromofluorobenzene
Concen: 46.219 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

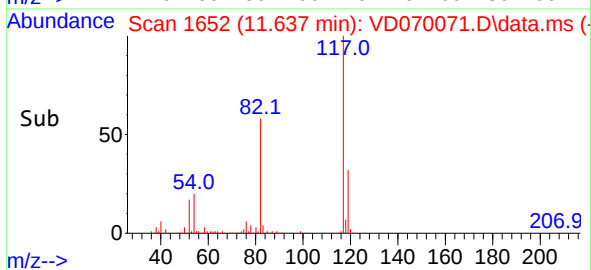
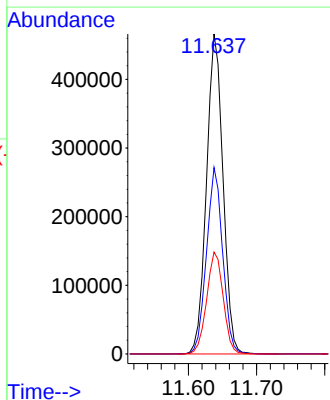
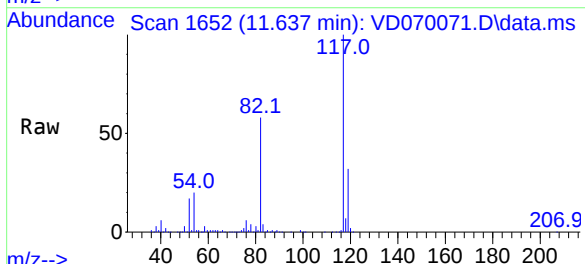
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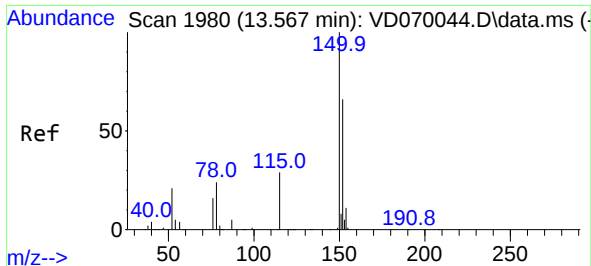
Tgt Ion: 95 Resp: 337081
Ion Ratio Lower Upper
95 100
174 71.2 0.0 141.6
176 66.8 0.0 138.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070071.D
Acq: 16 Aug 2021 17:17

Tgt Ion: 117 Resp: 784539
Ion Ratio Lower Upper
117 100
82 58.3 47.5 71.3
119 31.9 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: VD070071.D
 Acq: 16 Aug 2021 17:17

Instrument :
 MSVOA_D
 ClientSampleId :
 20210591-AMENDED-COM-5

Tgt Ion:152 Resp: 271809

Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.2	93.6
150	157.4	0.0	352.0

