

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081721\
 Data File : VD070092.D
 Acq On : 17 Aug 2021 17:06
 Operator : VA/SY
 Sample : M3421-03
 Misc : 6.57G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 72-11966

Quant Time: Aug 18 03:07:31 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)

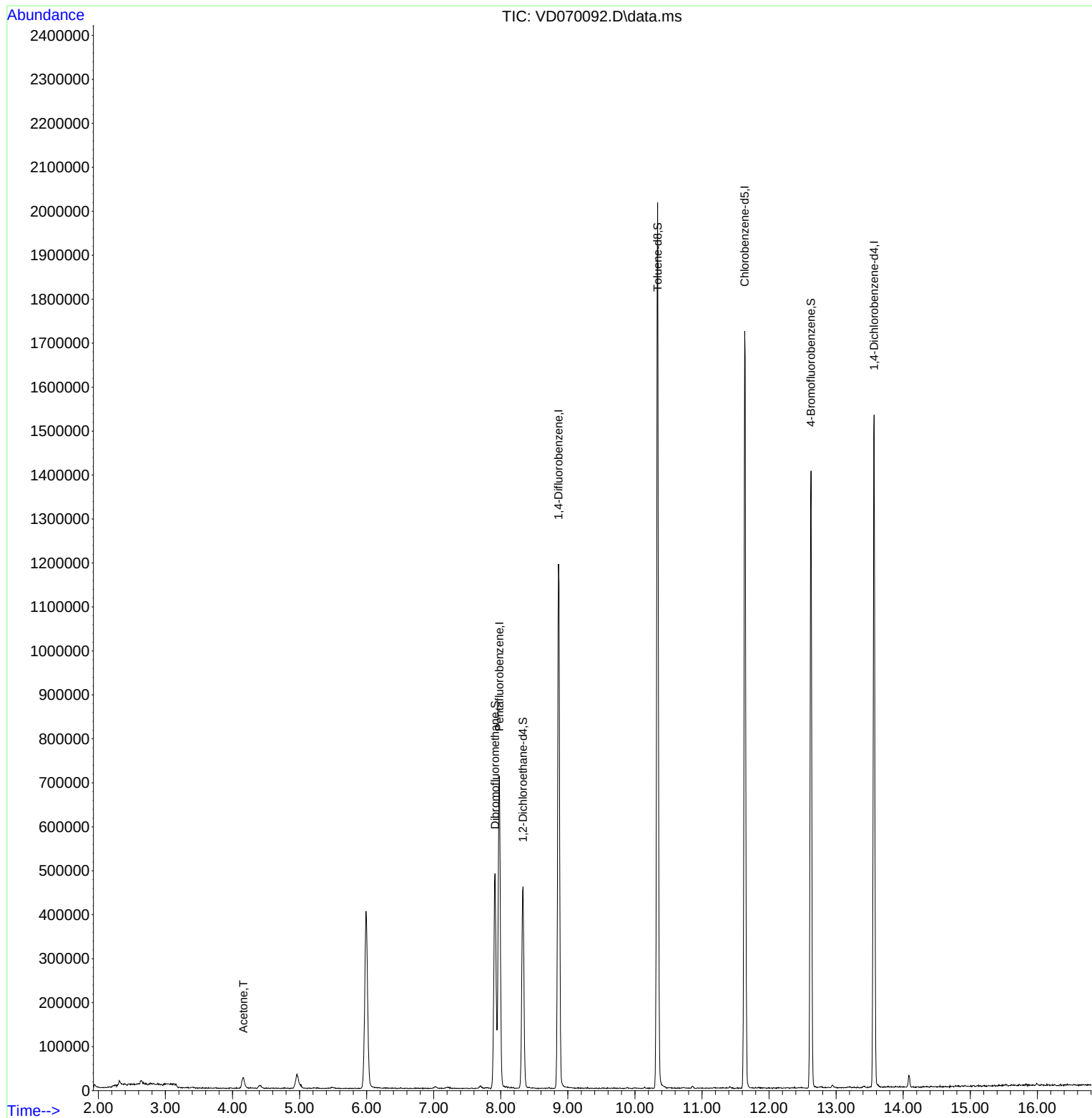
Internal Standards						
1) Pentafluorobenzene	7.979	168	506491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1038249	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1003145	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	408328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	359690	60.380	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.760%
35) Dibromofluoromethane	7.914	113	356284	53.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.240%
50) Toluene-d8	10.338	98	1354290	51.909	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.820%
62) 4-Bromofluorobenzene	12.626	95	423574	49.292	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.580%
Target Compounds						
16) Acetone	4.162	43	43370	39.521	ug/l	Qvalue 98

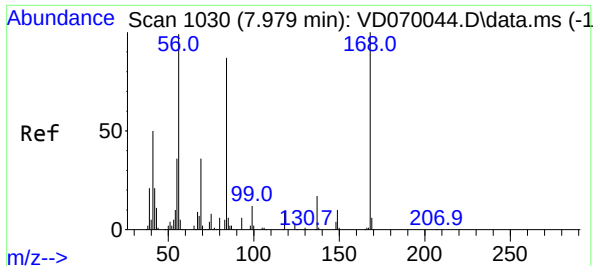
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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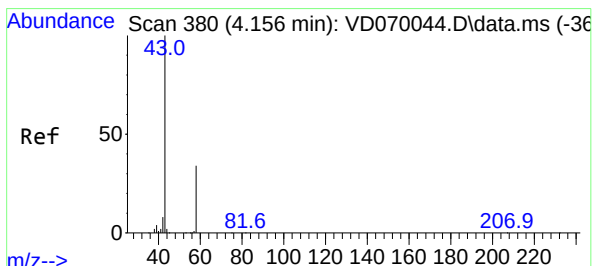
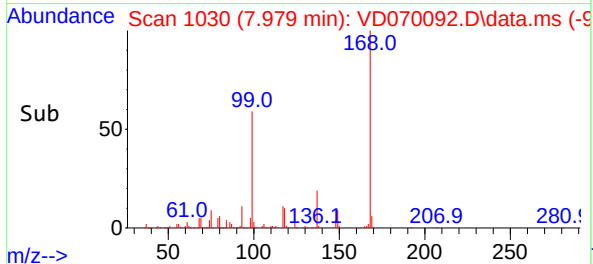
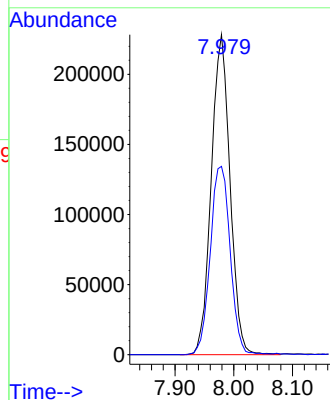
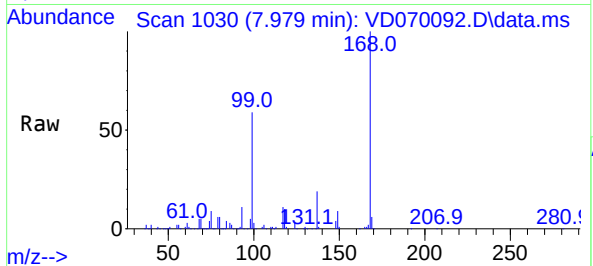




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

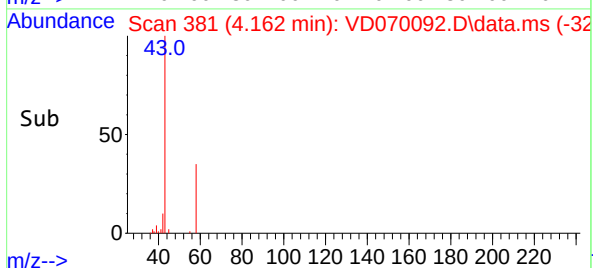
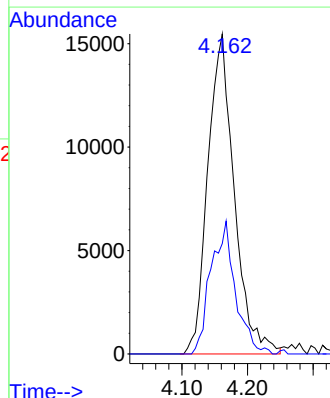
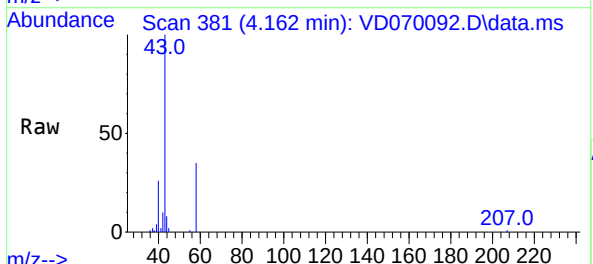
Instrument :
MSVOA_D
ClientSampleId :
72-11966

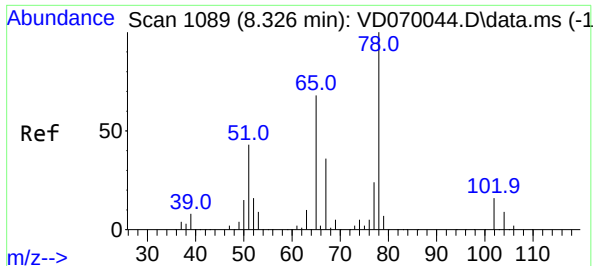
Tgt Ion:168 Resp: 506491
Ion Ratio Lower Upper
168 100
99 58.8 50.3 75.5



#16
Acetone
Concen: 39.521 ug/l
RT: 4.162 min Scan# 381
Delta R.T. 0.006 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

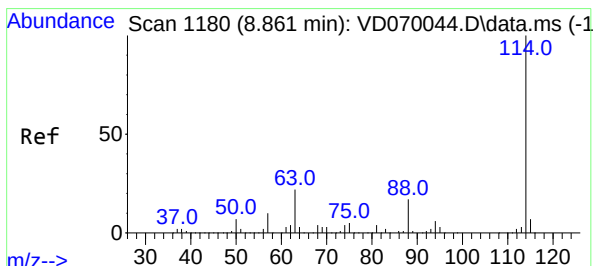
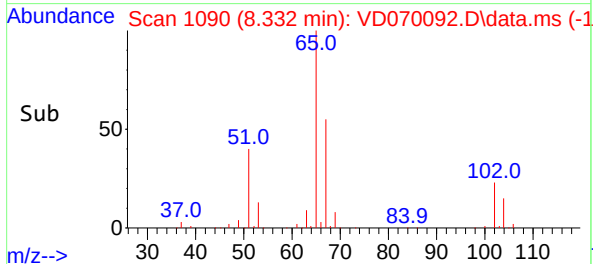
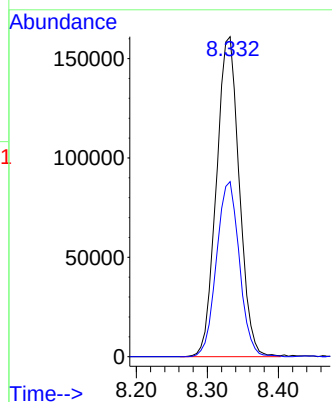
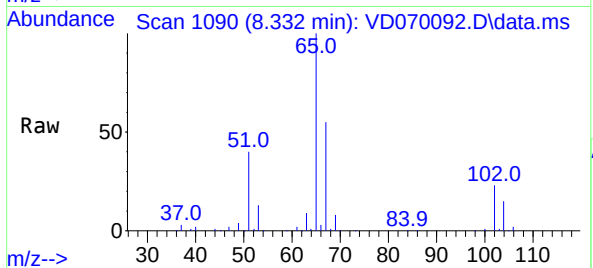
Tgt Ion: 43 Resp: 43370
Ion Ratio Lower Upper
43 100
58 34.5 26.8 40.2





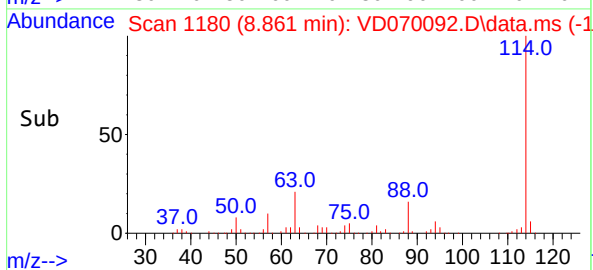
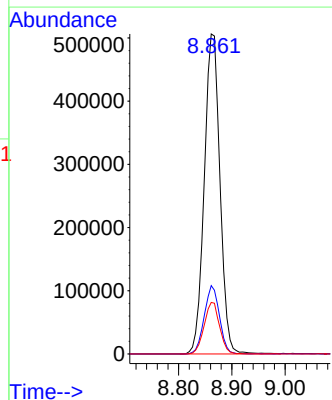
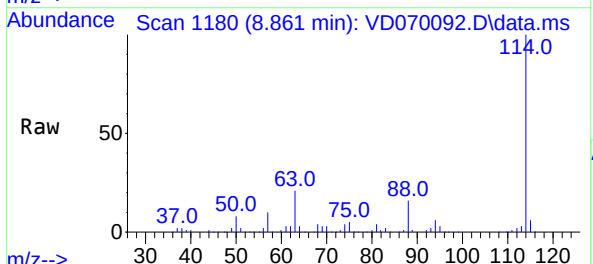
#33
1,2-Dichloroethane-d4
Concen: 60.380 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

Tgt Ion: 65 Resp: 359690
Ion Ratio Lower Upper
65 100
67 54.7 0.0 107.8

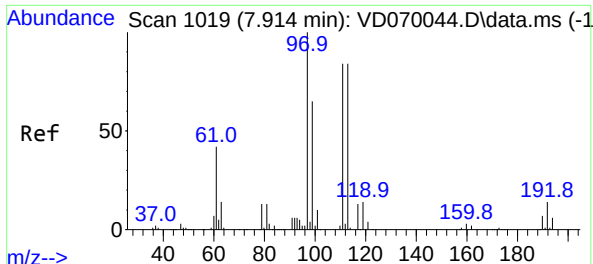


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

Tgt Ion: 114 Resp: 1038249
Ion Ratio Lower Upper
114 100
63 21.4 0.0 43.6
88 16.1 0.0 33.4



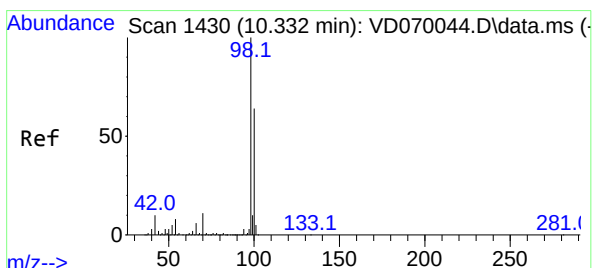
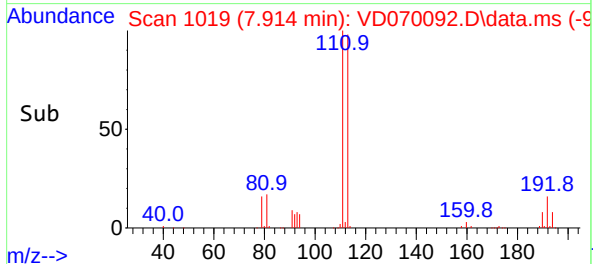
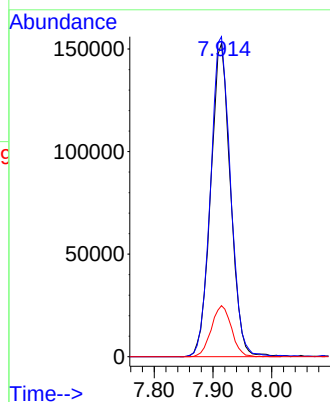
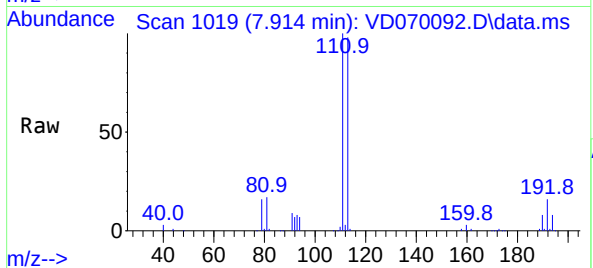
Instrument :
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#35
Dibromofluoromethane
Concen: 53.115 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

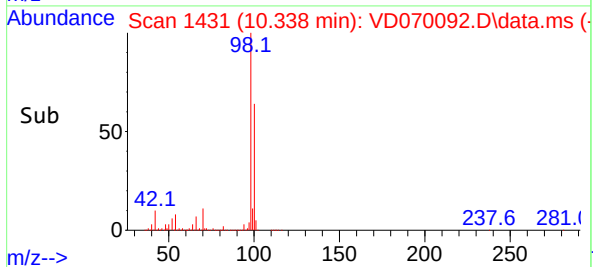
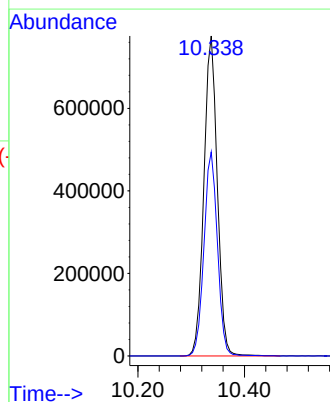
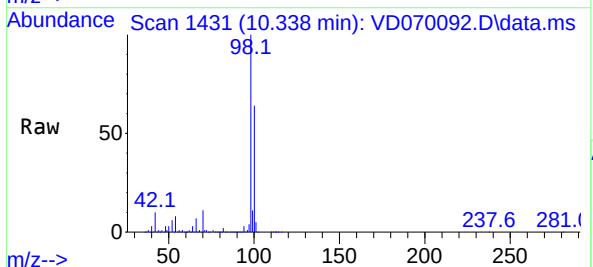
Instrument :
MSVOA_D
ClientSampleId :
72-11966

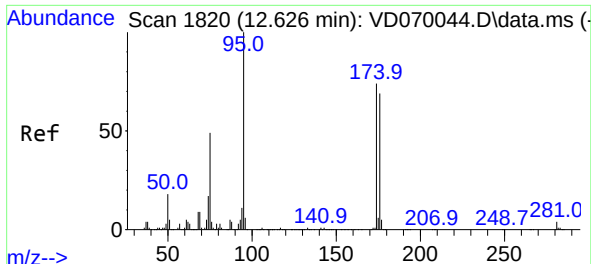
Tgt Ion:113 Resp: 356284
Ion Ratio Lower Upper
113 100
111 103.1 81.8 122.6
192 16.5 13.2 19.8



#50
Toluene-d8
Concen: 51.909 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

Tgt Ion: 98 Resp: 1354290
Ion Ratio Lower Upper
98 100
100 63.9 52.6 78.8

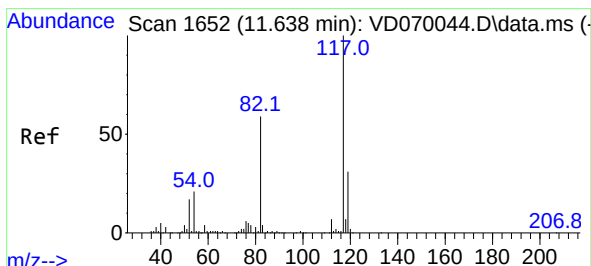
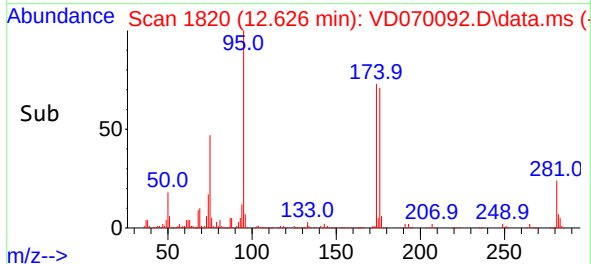
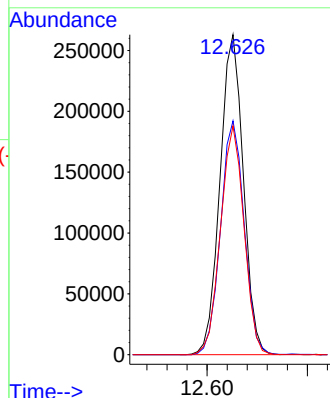
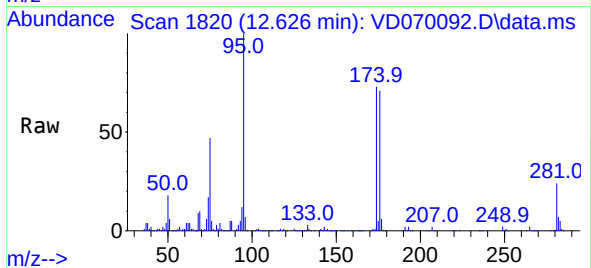




#62
4-Bromofluorobenzene
Concen: 49.292 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

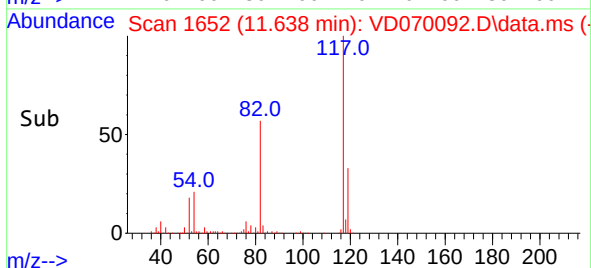
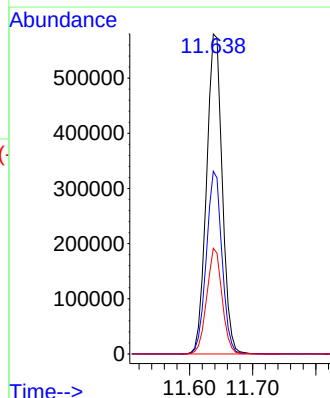
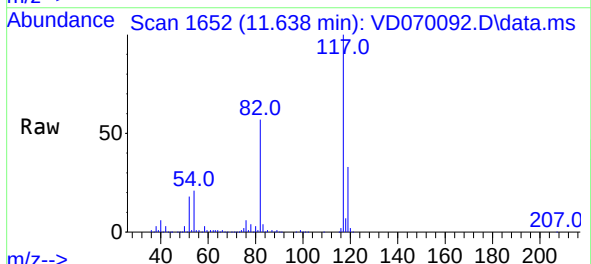
Instrument :
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72-11966

Tgt Ion: 95 Resp: 423574
Ion Ratio Lower Upper
95 100
174 73.9 0.0 141.6
176 71.7 0.0 138.2

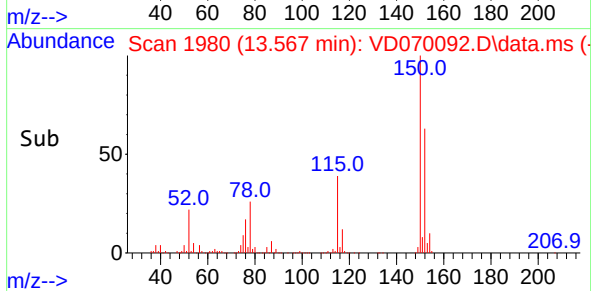
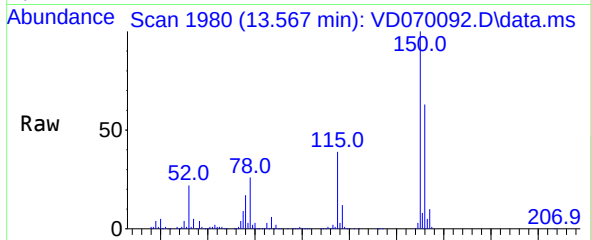
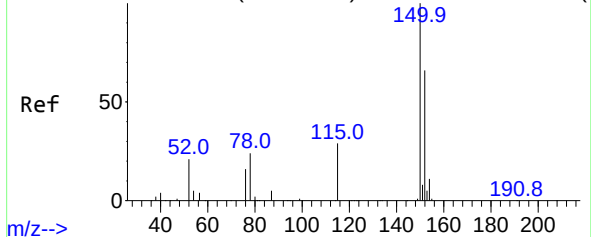


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

Tgt Ion: 117 Resp: 1003145
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 33.0 25.1 37.7

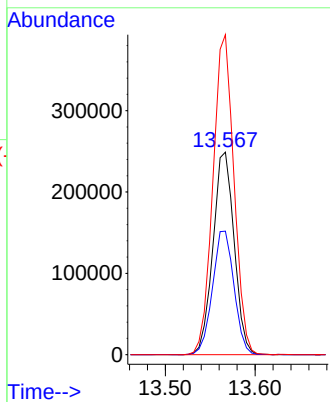


Abundance Scan 1980 (13.567 min): VD070044.D\data.ms (-



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD070092.D
Acq: 17 Aug 2021 17:06

Tgt Ion:152 Resp: 408328
Ion Ratio Lower Upper
152 100
115 62.0 31.2 93.6
150 156.7 0.0 352.0



Instrument :
MSVOA_D
ClientSampleId :
72-11966