

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081921\
 Data File : VD070170.D
 Acq On : 19 Aug 2021 16:17
 Operator : VA/SY
 Sample : M3414-12
 Misc : 5.01G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-7B

Quant Time: Aug 20 05:47:53 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	535533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	1027781	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	1008261	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	428039	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	334491	53.105	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.200%
35) Dibromofluoromethane	7.914	113	340027	51.208	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	102.420%
50) Toluene-d8	10.338	98	1334246	51.662	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.320%
62) 4-Bromofluorobenzene	12.626	95	421078	49.500	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	99.000%

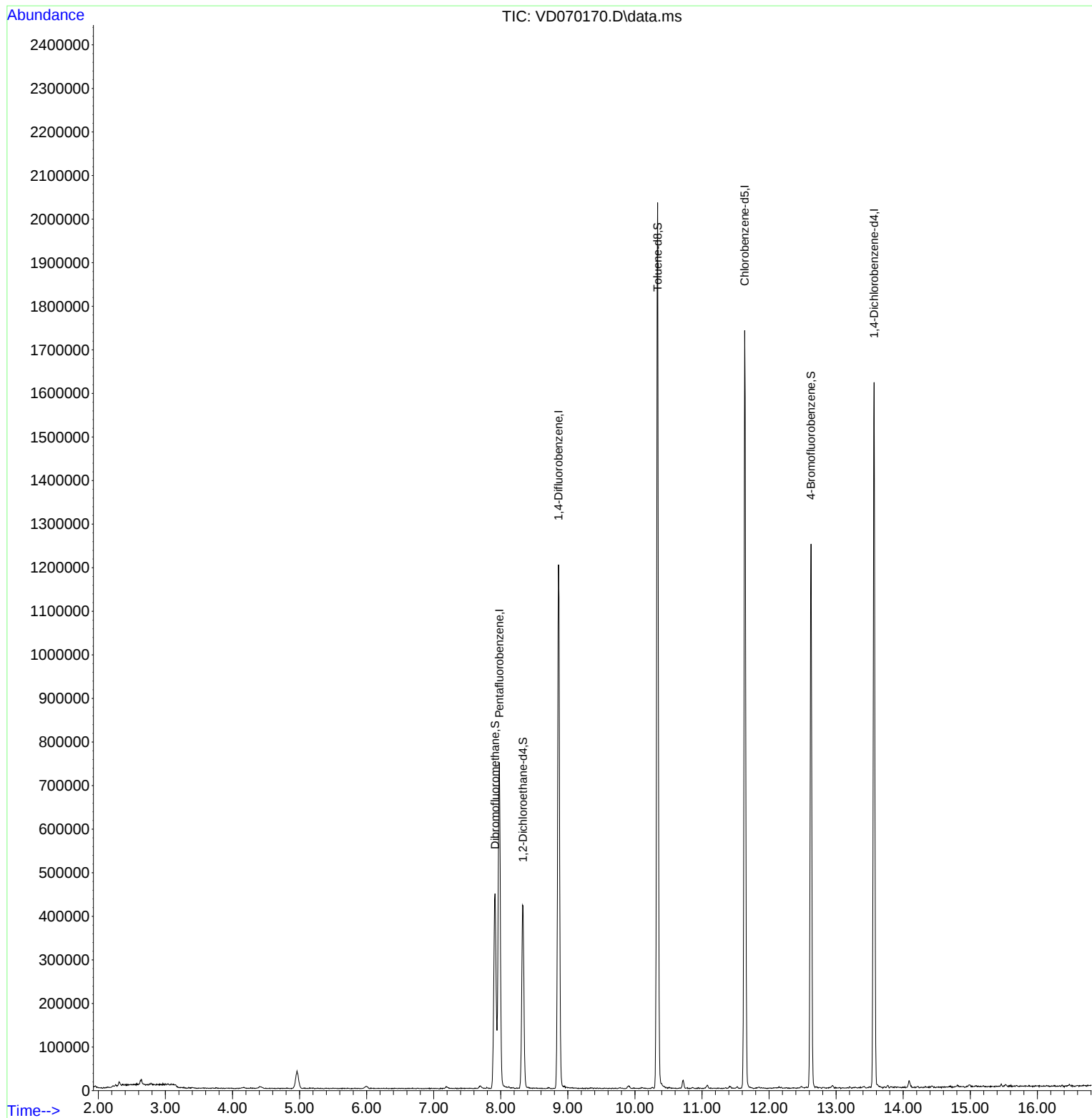
Target Compounds	Qvalue

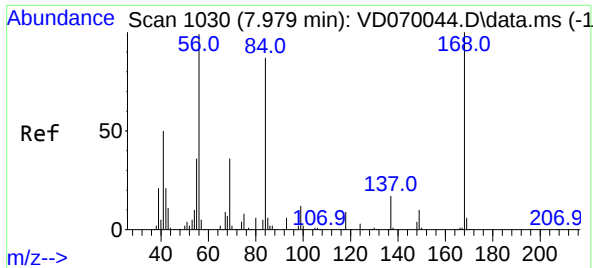
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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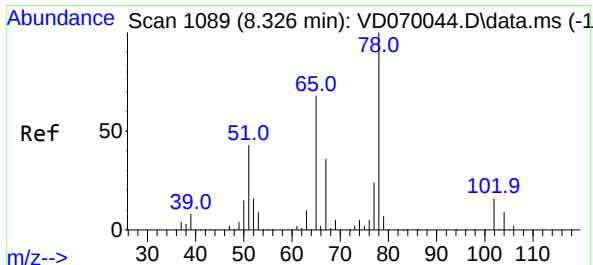
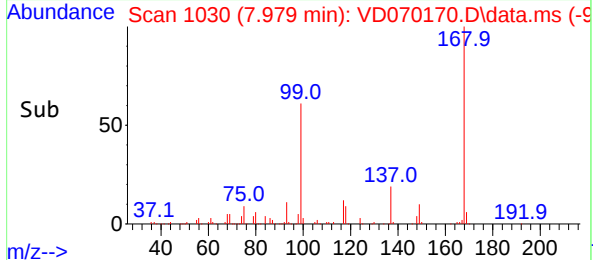
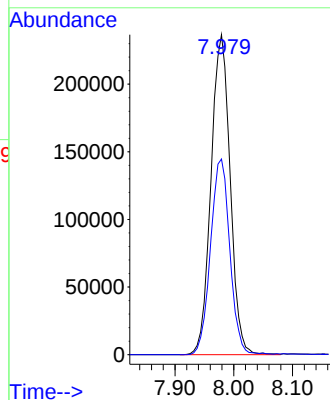
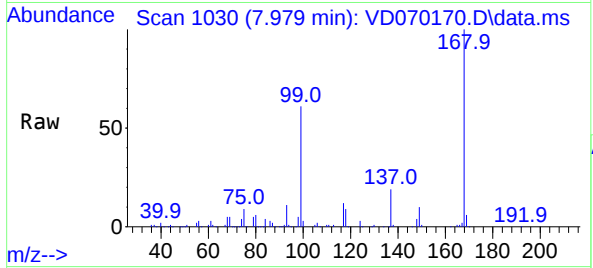




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

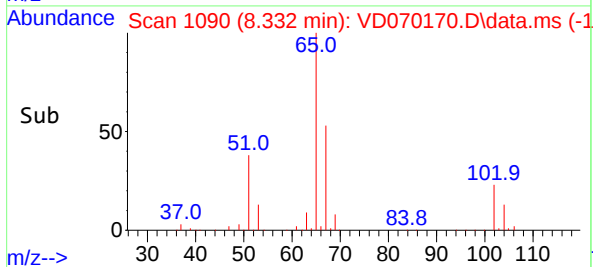
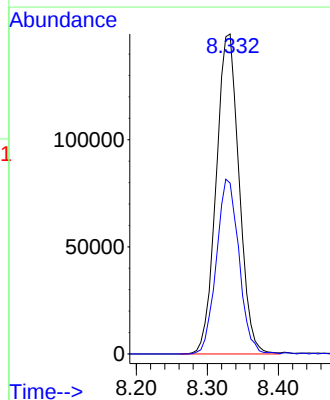
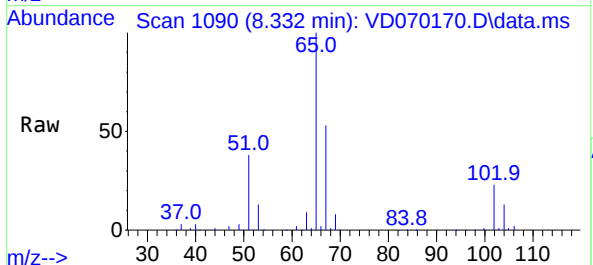
Instrument :
MSVOA_D
ClientSampleId :
B-7B

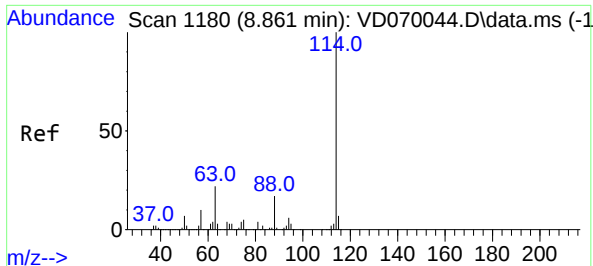
Tgt Ion:168 Resp: 535533
Ion Ratio Lower Upper
168 100
99 61.2 50.3 75.5



#33
1,2-Dichloroethane-d4
Concen: 53.105 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.006 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

Tgt Ion: 65 Resp: 334491
Ion Ratio Lower Upper
65 100
67 53.9 0.0 107.8



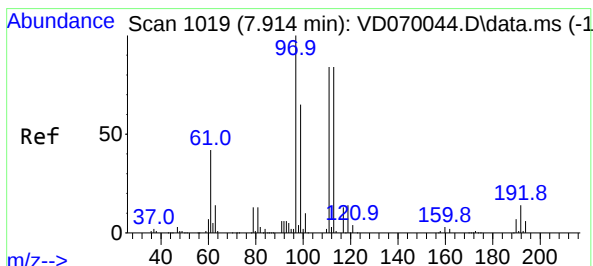
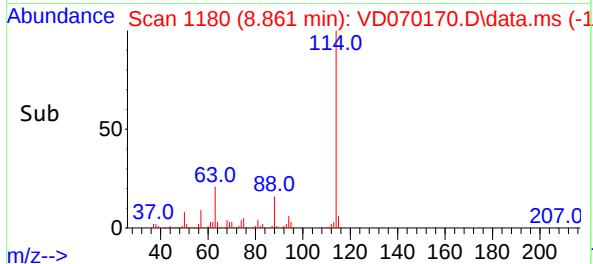
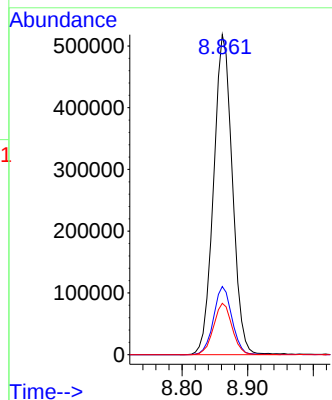
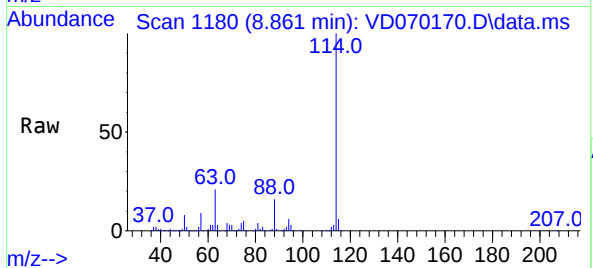


#34

1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

Instrument :
MSVOA_D
ClientSampleId :
B-7B

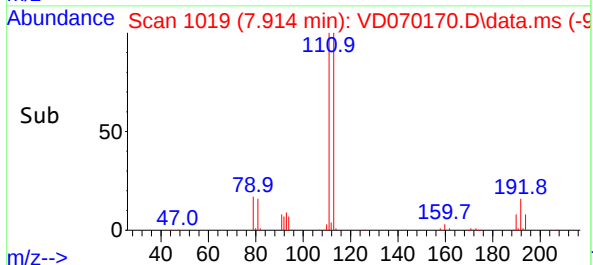
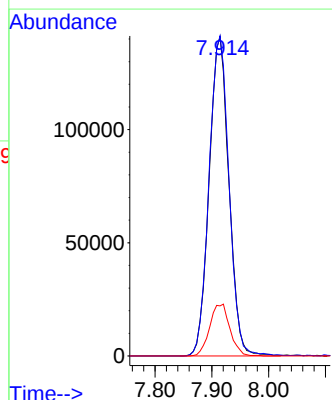
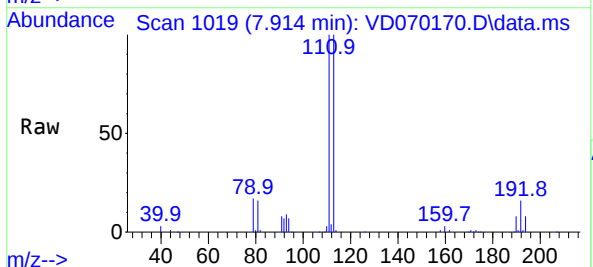
Tgt Ion:114 Resp: 1027781
Ion Ratio Lower Upper
114 100
63 21.3 0.0 43.6
88 16.1 0.0 33.4

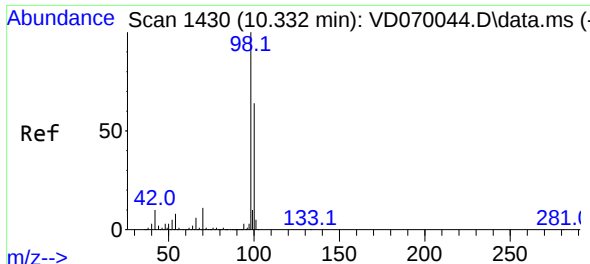


#35

Dibromofluoromethane
Concen: 51.208 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

Tgt Ion:113 Resp: 340027
Ion Ratio Lower Upper
113 100
111 101.2 81.8 122.6
192 16.6 13.2 19.8

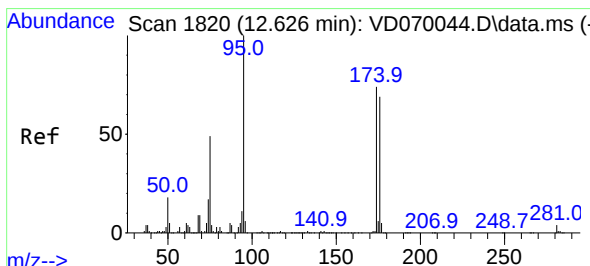
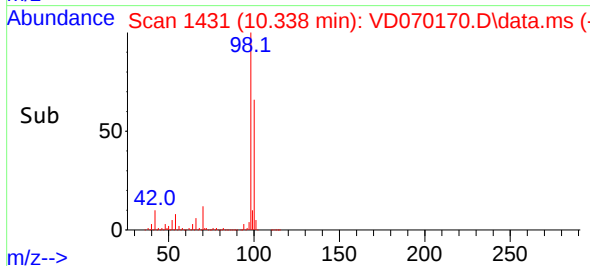
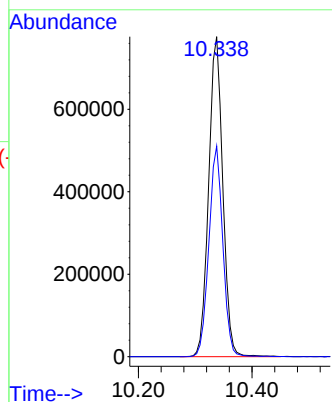
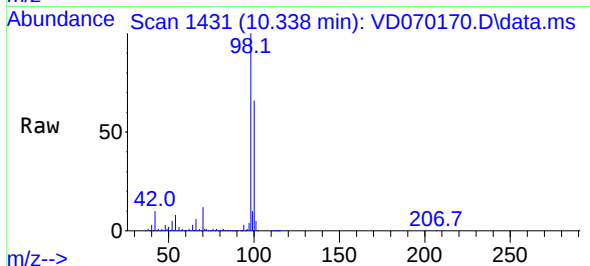




#50
Toluene-d8
Concen: 51.662 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.006 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

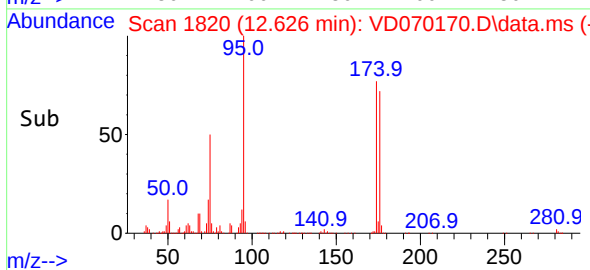
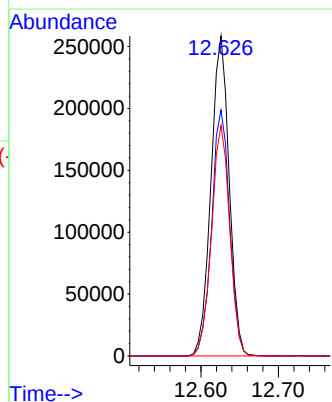
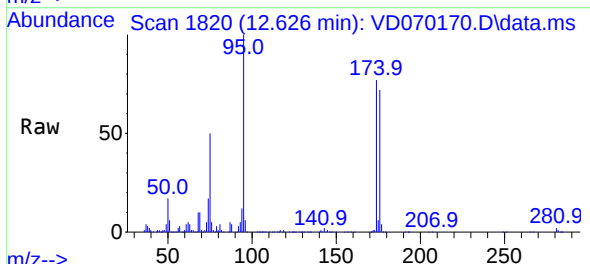
Instrument :
MSVOA_D
ClientSampleId :
B-7B

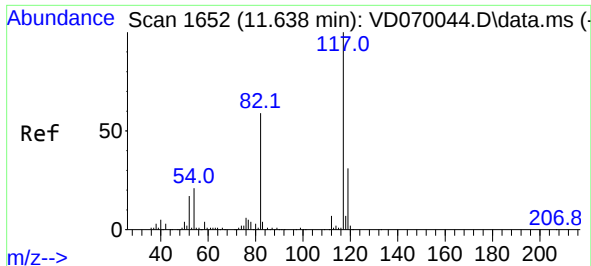
Tgt Ion: 98 Resp: 1334246
Ion Ratio Lower Upper
98 100
100 65.0 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 49.500 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

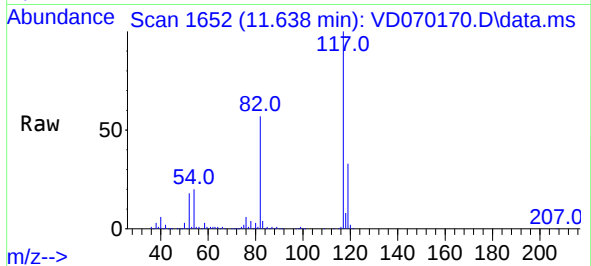
Tgt Ion: 95 Resp: 421078
Ion Ratio Lower Upper
95 100
174 76.4 0.0 141.6
176 71.9 0.0 138.2



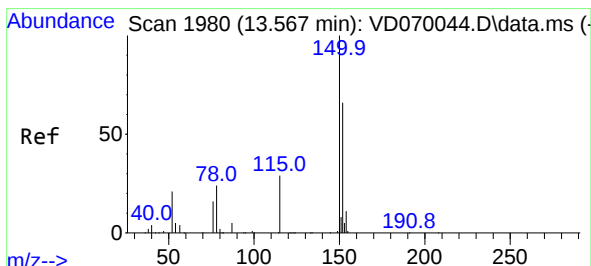
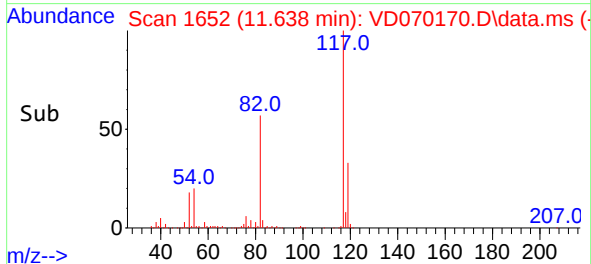
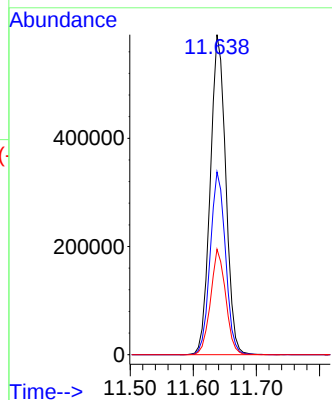


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD070170.D
Acq: 19 Aug 2021 16:17

Instrument :
MSVOA_D
ClientSampleId :
B-7B



Tgt Ion:117 Resp: 1008261
Ion Ratio Lower Upper
117 100
82 57.1 47.5 71.3
119 32.9 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: VD070170.D
Acq: 19 Aug 2021 16:17

Tgt Ion:152 Resp: 428039
Ion Ratio Lower Upper
152 100
115 61.7 31.2 93.6
150 157.6 0.0 352.0

