

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD100721\
 Data File : VD070610.D
 Acq On : 07 Oct 2021 11:44
 Operator : VA/SY
 Sample : M4061-02
 Misc : 5.05G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 S-2

Quant Time: Oct 08 04:50:32 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D100521S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 06 09:10:31 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.979	168	35790	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	63370	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.643	117	67641	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	27421	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	34626	82.21	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	164.42%#
35) Dibromofluoromethane	7.914	113	26028	61.78	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.56%
50) Toluene-d8	10.331	98	78904	48.99	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.98%
62) 4-Bromofluorobenzene	12.620	95	25214	46.84	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.68%

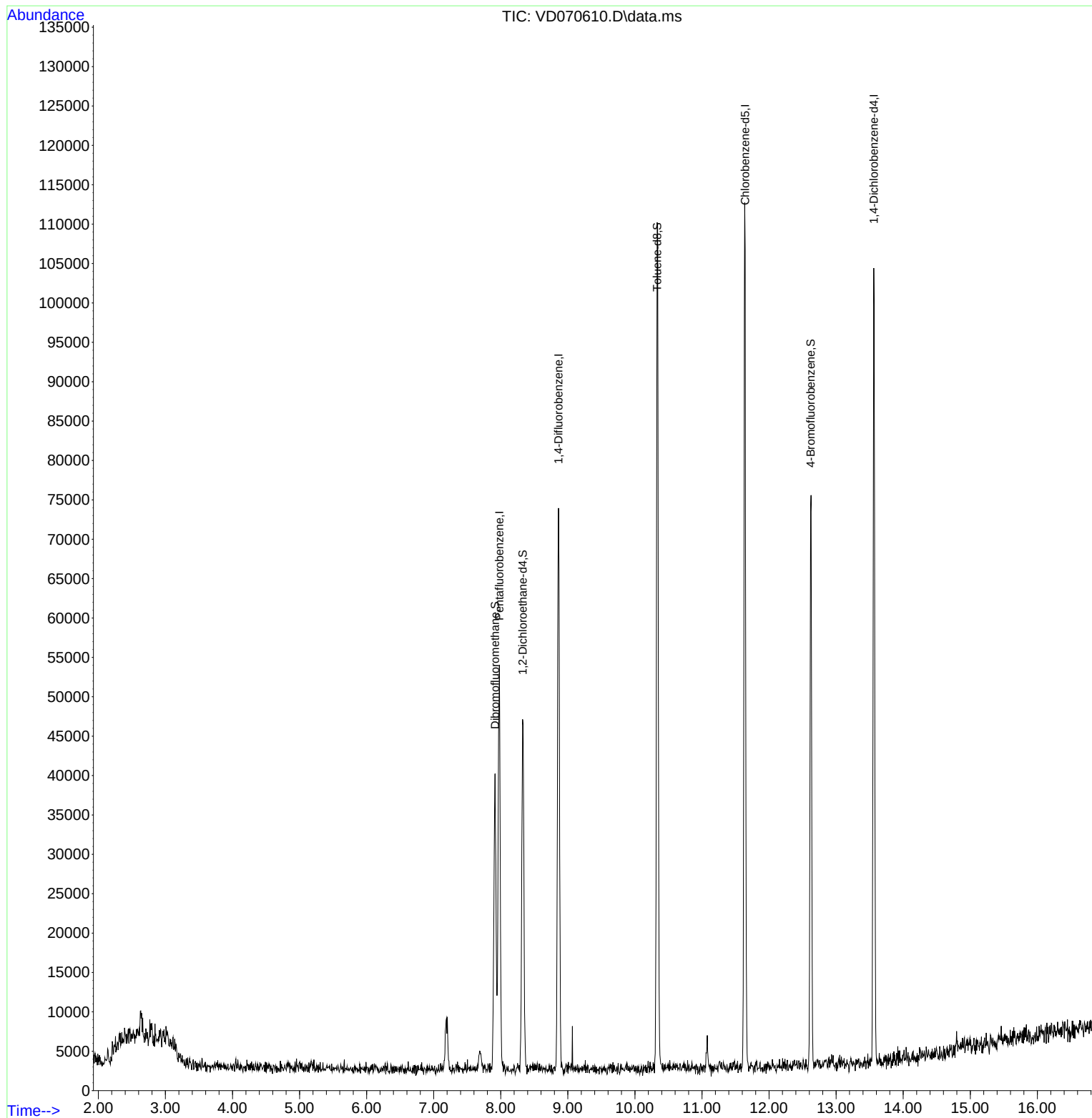
Target Compounds	Qvalue

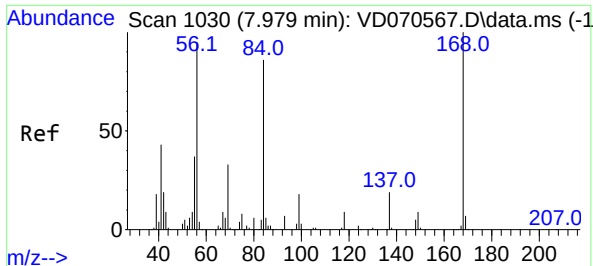
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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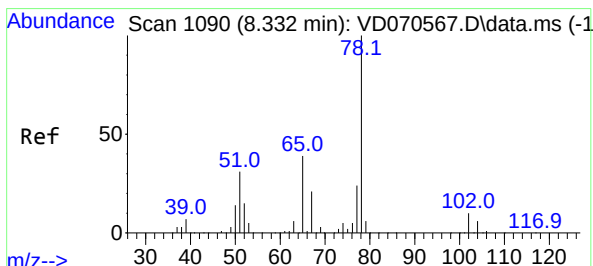
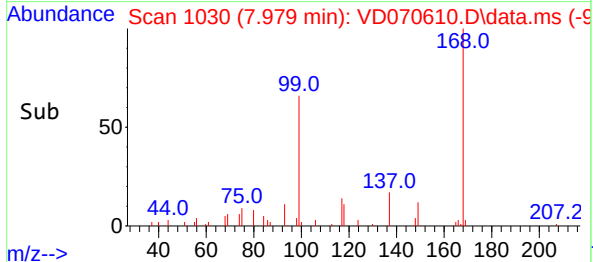
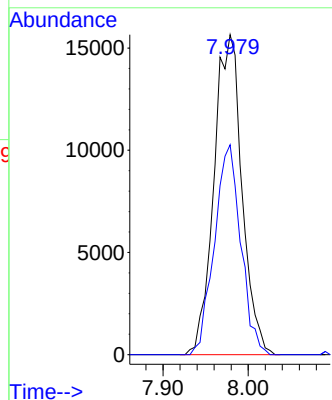
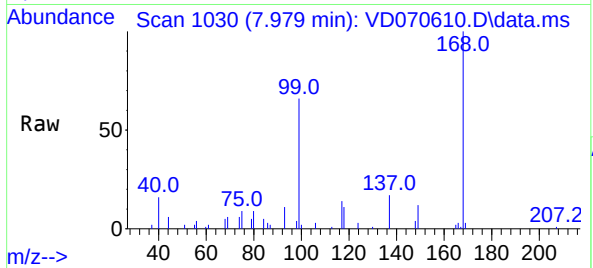




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

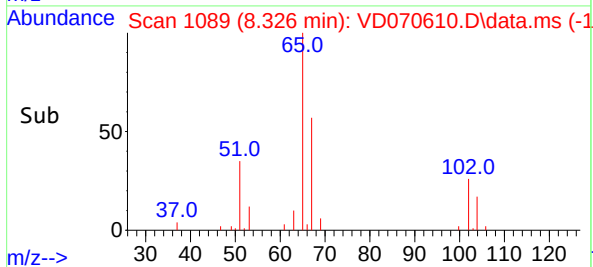
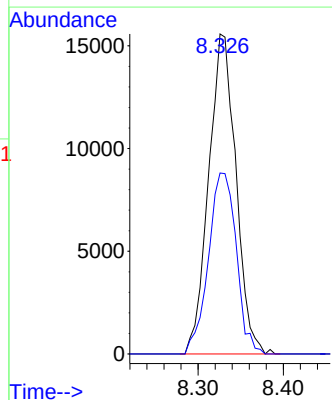
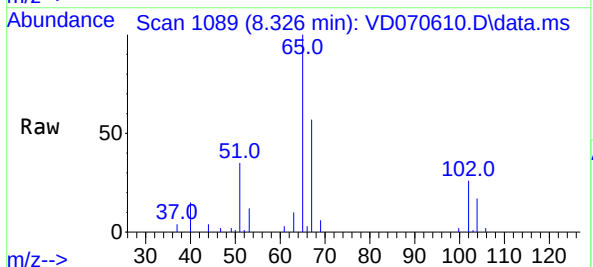
Instrument :
MSVOA_D
ClientSampleId :
S-2

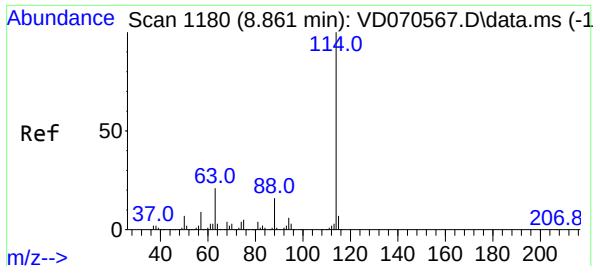
Tgt Ion:168 Resp: 35790
Ion Ratio Lower Upper
168 100
99 65.6 51.4 77.0



#33
1,2-Dichloroethane-d4
Concen: 82.21 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion: 65 Resp: 34626
Ion Ratio Lower Upper
65 100
67 57.9 0.0 110.2



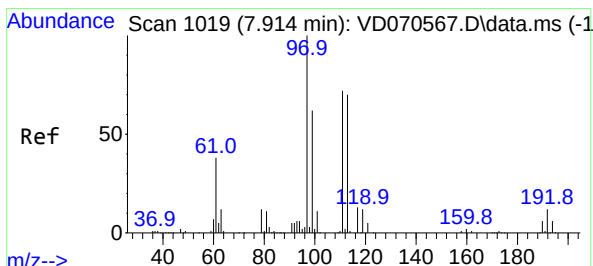
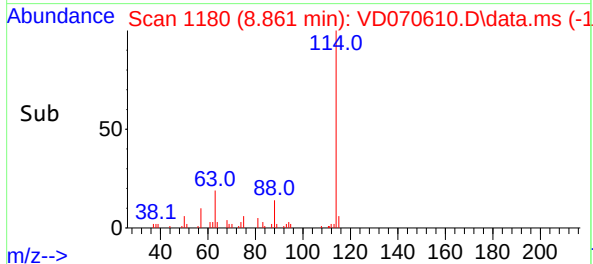
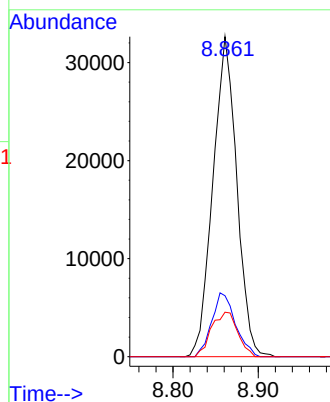
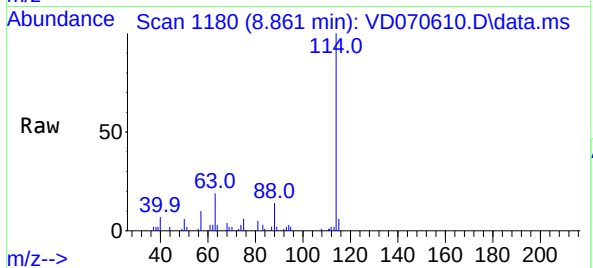


#34

1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Instrument :
MSVOA_D
ClientSampled :
S-2

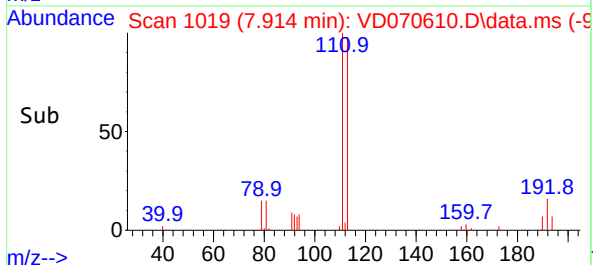
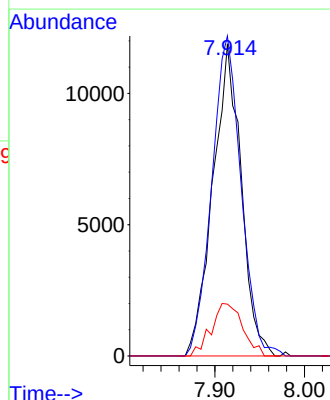
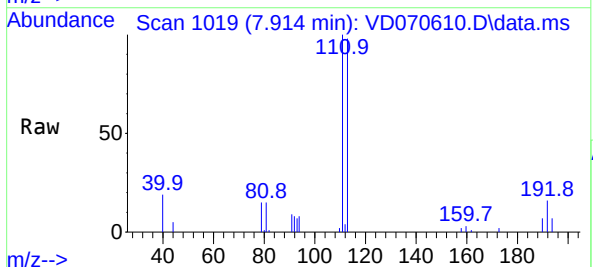
Tgt Ion:	114	Resp:	63370
Ion	Ratio	Lower	Upper
114	100		
63	19.1	0.0	41.8
88	13.9	0.0	32.6

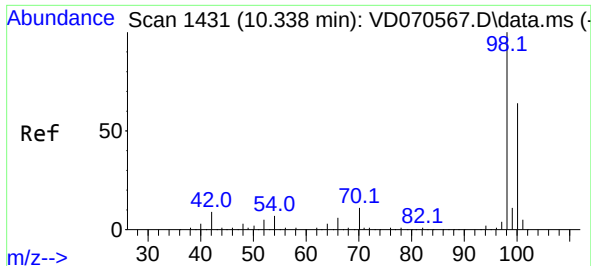


#35

Dibromofluoromethane
Concen: 61.78 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion:	113	Resp:	26028
Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.1	124.7
192	18.6	12.7	19.1

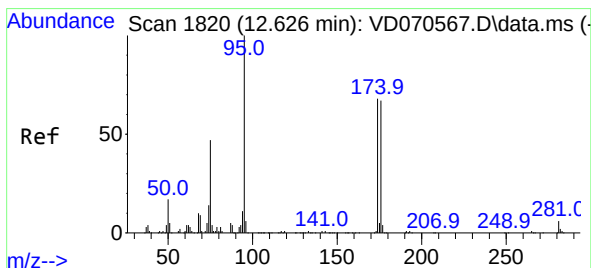
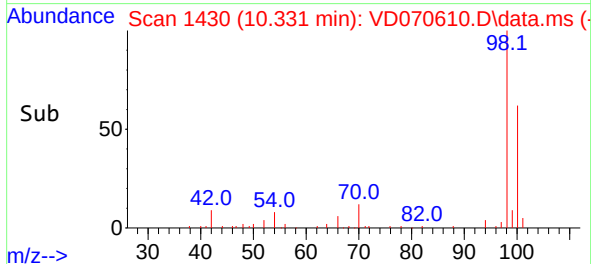
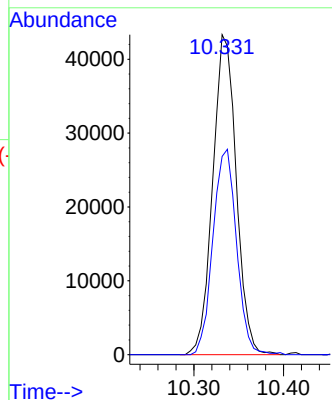
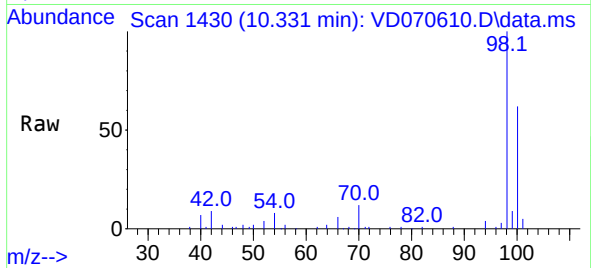




#50
Toluene-d8
Concen: 48.99 ug/l
RT: 10.331 min Scan# 1430
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

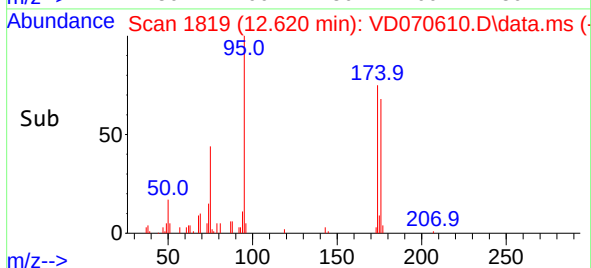
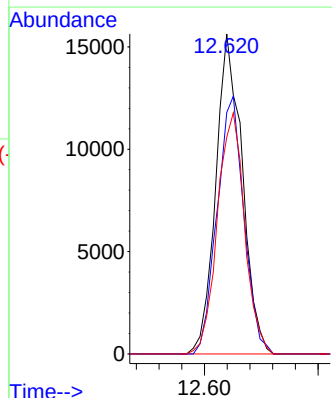
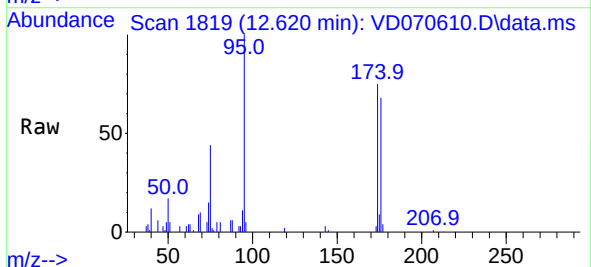
Instrument :
MSVOA_D
ClientSampled :
S-2

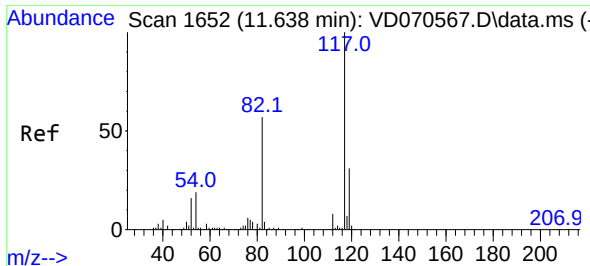
Tgt Ion: 98 Resp: 78904
Ion Ratio Lower Upper
98 100
100 64.4 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 46.84 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

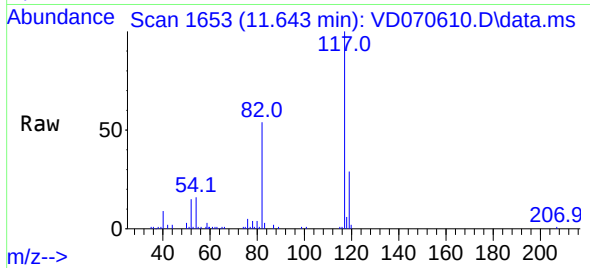
Tgt Ion: 95 Resp: 25214
Ion Ratio Lower Upper
95 100
174 81.8 0.0 138.0
176 77.5 0.0 135.6



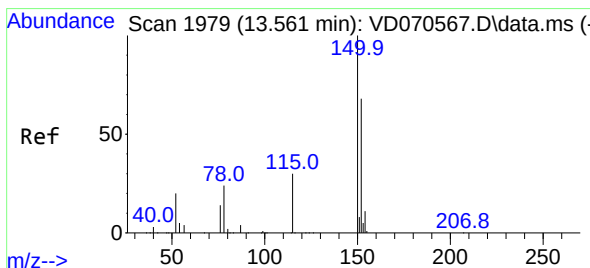
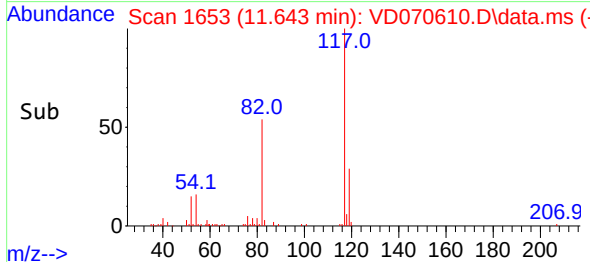
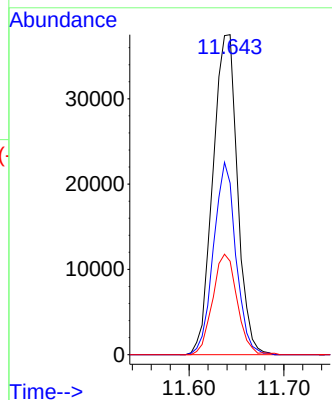


#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.643 min Scan# 1653
Delta R.T. 0.005 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Instrument :
MSVOA_D
ClientSampled :
S-2



Tgt Ion:117 Resp: 67641
Ion Ratio Lower Upper
117 100
82 53.6 45.4 68.2
119 29.2 24.7 37.1



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VD070610.D
Acq: 07 Oct 2021 11:44

Tgt Ion:152 Resp: 27421
Ion Ratio Lower Upper
152 100
115 64.7 31.9 95.7
150 158.9 0.0 350.0

