

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051022\
 Data File : VD072911.D
 Acq On : 10 May 2022 13:40
 Operator : VA/SY
 Sample : N2739-03
 Misc : 4.26G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 124055

Quant Time: May 11 05:50:26 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 08:33:49 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	24502	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	48185	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	55164	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	25350	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	23668	74.415	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.820%
35) Dibromofluoromethane	7.908	113	17198	50.820	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.640%
50) Toluene-d8	10.332	98	64106	52.810	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.620%
62) 4-Bromofluorobenzene	12.620	95	28424	62.797	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.600%

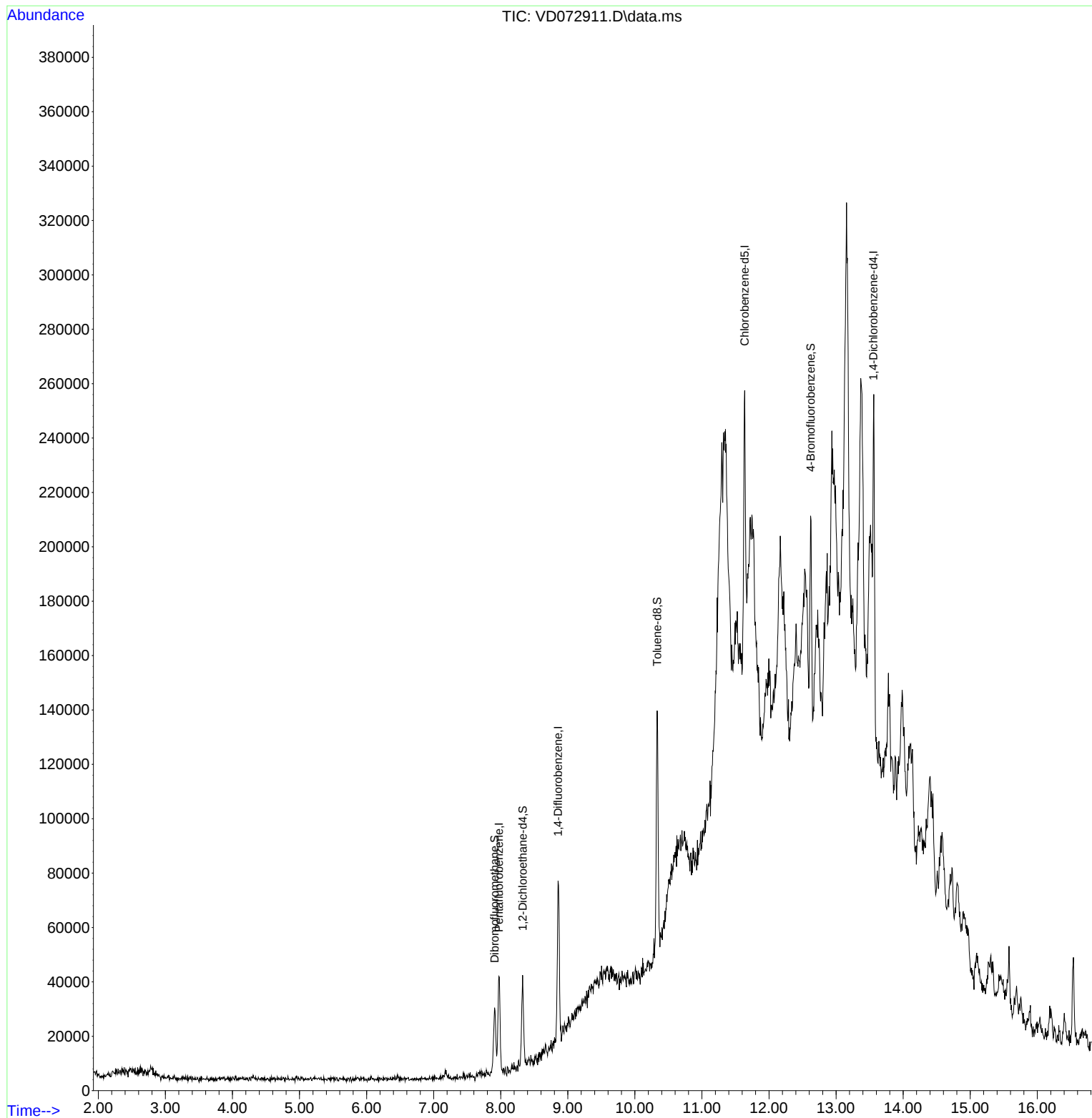
Target Compounds	Qvalue

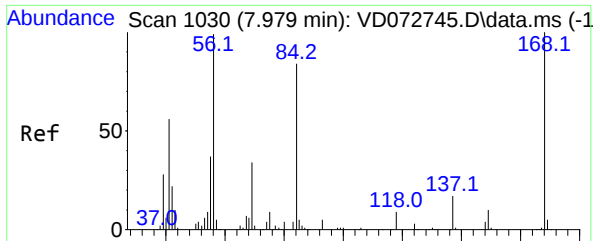
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072911.D

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Instrument :

MSVOA_D

ClientSampleId :

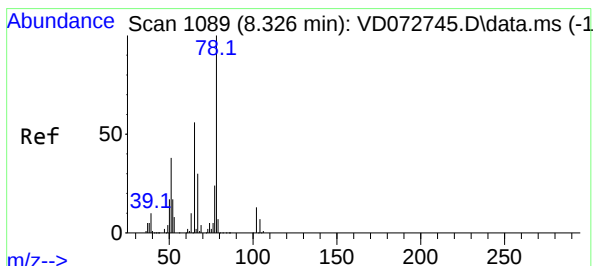
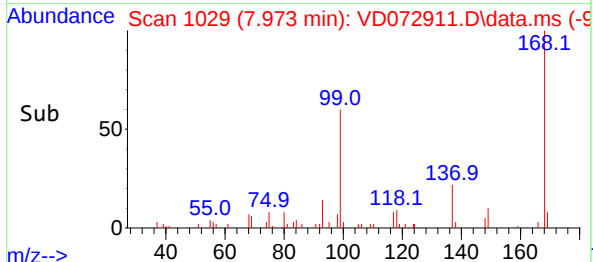
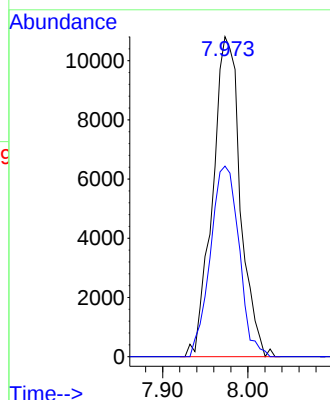
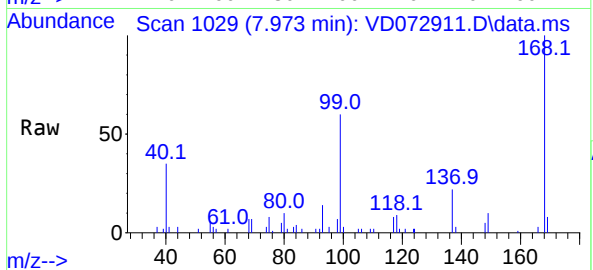
124055

Tgt Ion:168 Resp: 24502

Ion Ratio Lower Upper

168 100

99 59.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 74.415 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072911.D

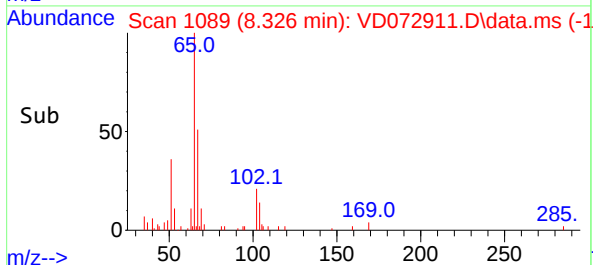
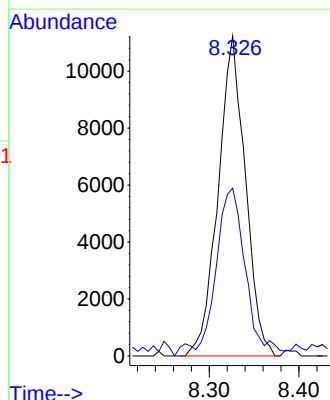
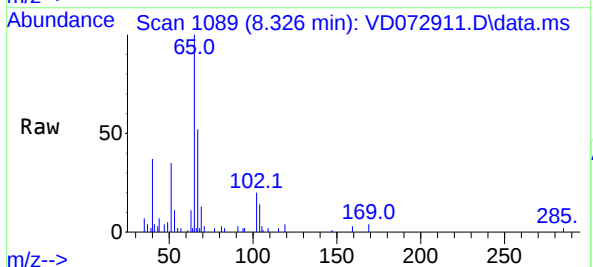
Acq: 10 May 2022 13:40

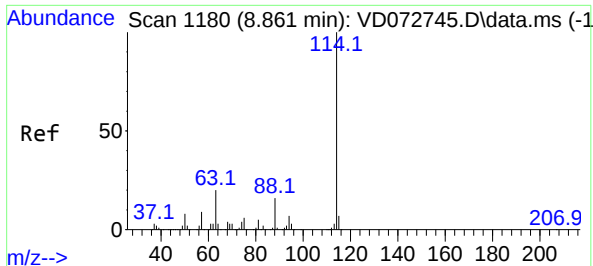
Tgt Ion: 65 Resp: 23668

Ion Ratio Lower Upper

65 100

67 53.6 0.0 101.4



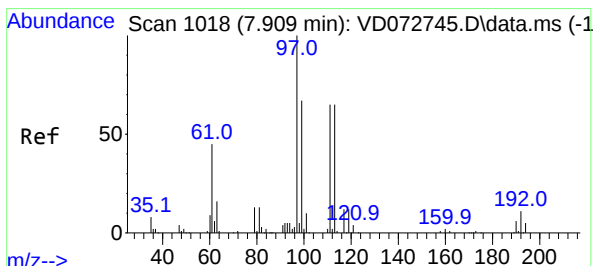
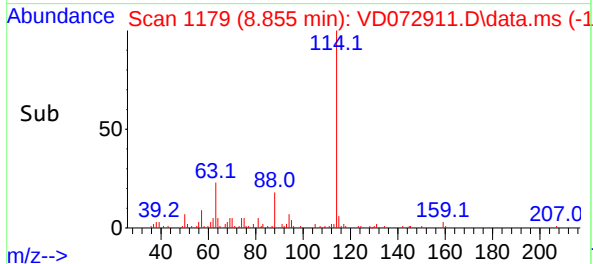
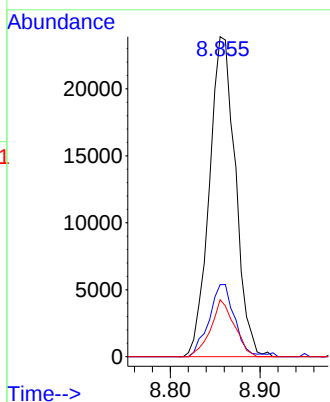
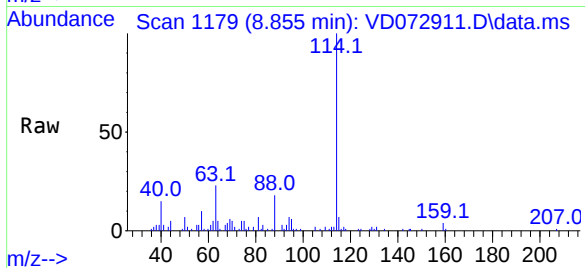


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
124055

Tgt Ion:114 Resp: 48185

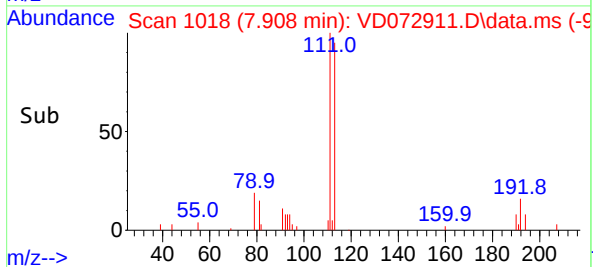
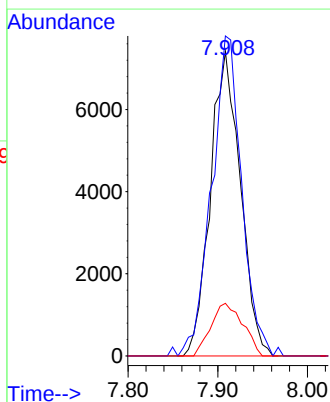
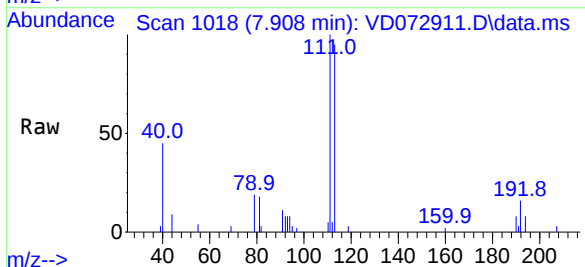
Ion	Ratio	Lower	Upper
114	100		
63	22.5	0.0	46.6
88	17.8	0.0	33.2

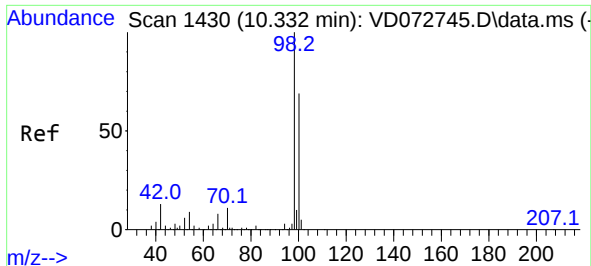


#35
Dibromofluoromethane
Concen: 50.820 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. -0.001 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

Tgt Ion:113 Resp: 17198

Ion	Ratio	Lower	Upper
113	100		
111	105.9	83.8	125.6
192	18.4	14.6	21.8

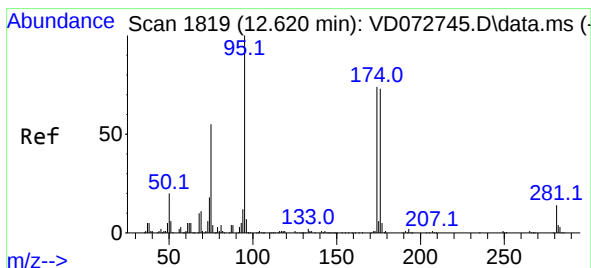
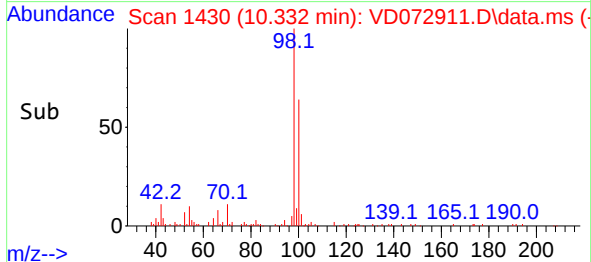
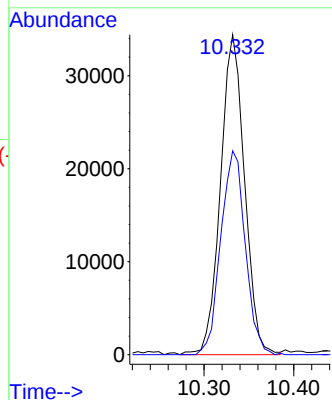
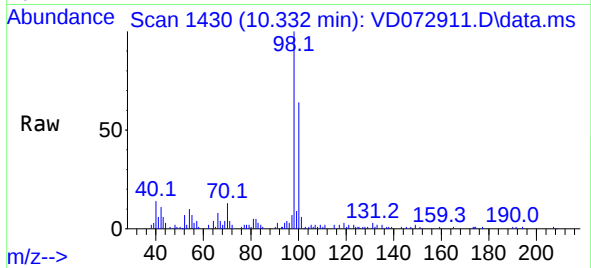




#50
Toluene-d8
Concen: 52.810 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. -0.000 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

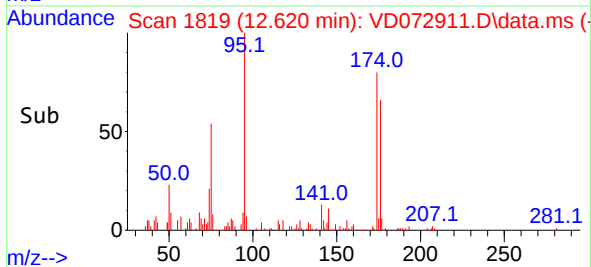
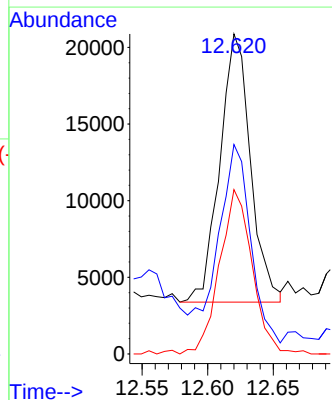
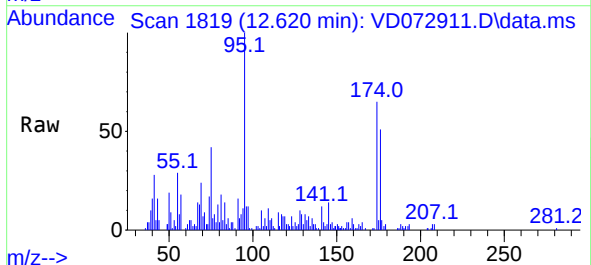
Instrument :
MSVOA_D
ClientSampleId :
124055

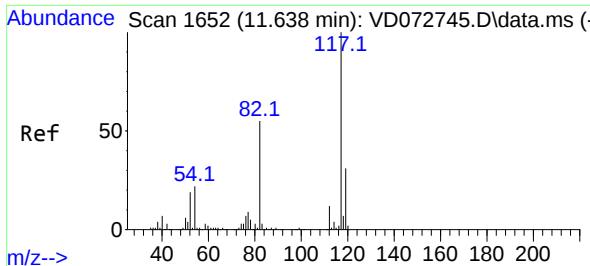
Tgt Ion: 98 Resp: 64106
Ion Ratio Lower Upper
98 100
100 64.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 62.797 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.000 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

Tgt Ion: 95 Resp: 28424
Ion Ratio Lower Upper
95 100
174 78.1 0.0 152.8
176 65.3 0.0 145.4

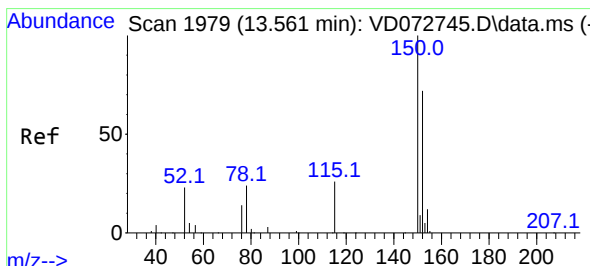
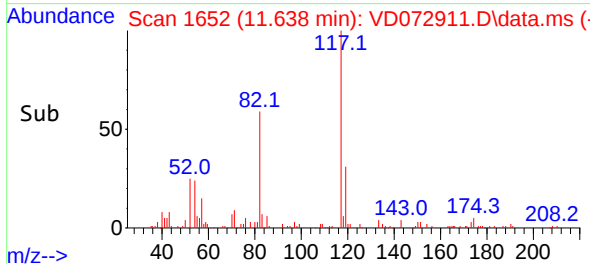
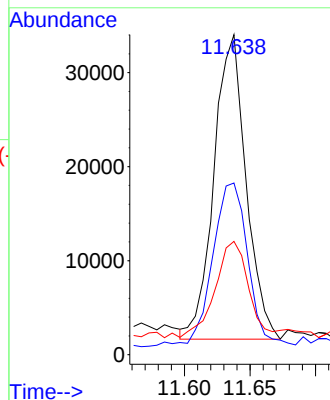
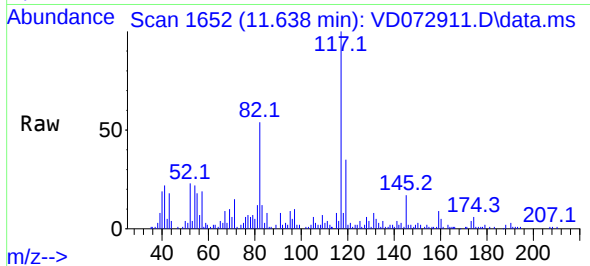




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

Instrument :
MSVOA_D
ClientSampleId :
124055

Tgt Ion:117	Resp:	55164
Ion Ratio	Lower	Upper
117	100	
82	52.4	45.3 67.9
119	31.6	26.6 40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.555 min Scan# 1978
Delta R.T. -0.006 min
Lab File: VD072911.D
Acq: 10 May 2022 13:40

Tgt Ion:152	Resp:	25350
Ion Ratio	Lower	Upper
152	100	
115	77.0	31.3 93.8
150	164.5	0.0 348.6

