

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD010322\
 Data File : VD071577.D
 Acq On : 03 Jan 2022 20:26
 Operator : VA/SY
 Sample : M5196-20
 Misc : 6.87G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 B-24-(1-2)

Quant Time: Jan 04 00:51:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D122221S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 23 08:20:24 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	439525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	756273	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	690662	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	304217	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	250217	42.865	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	85.740%
35) Dibromofluoromethane	7.914	113	231937	45.632	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.260%
50) Toluene-d8	10.338	98	948463	49.379	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.760%
62) 4-Bromofluorobenzene	12.626	95	310784	45.533	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	91.060%

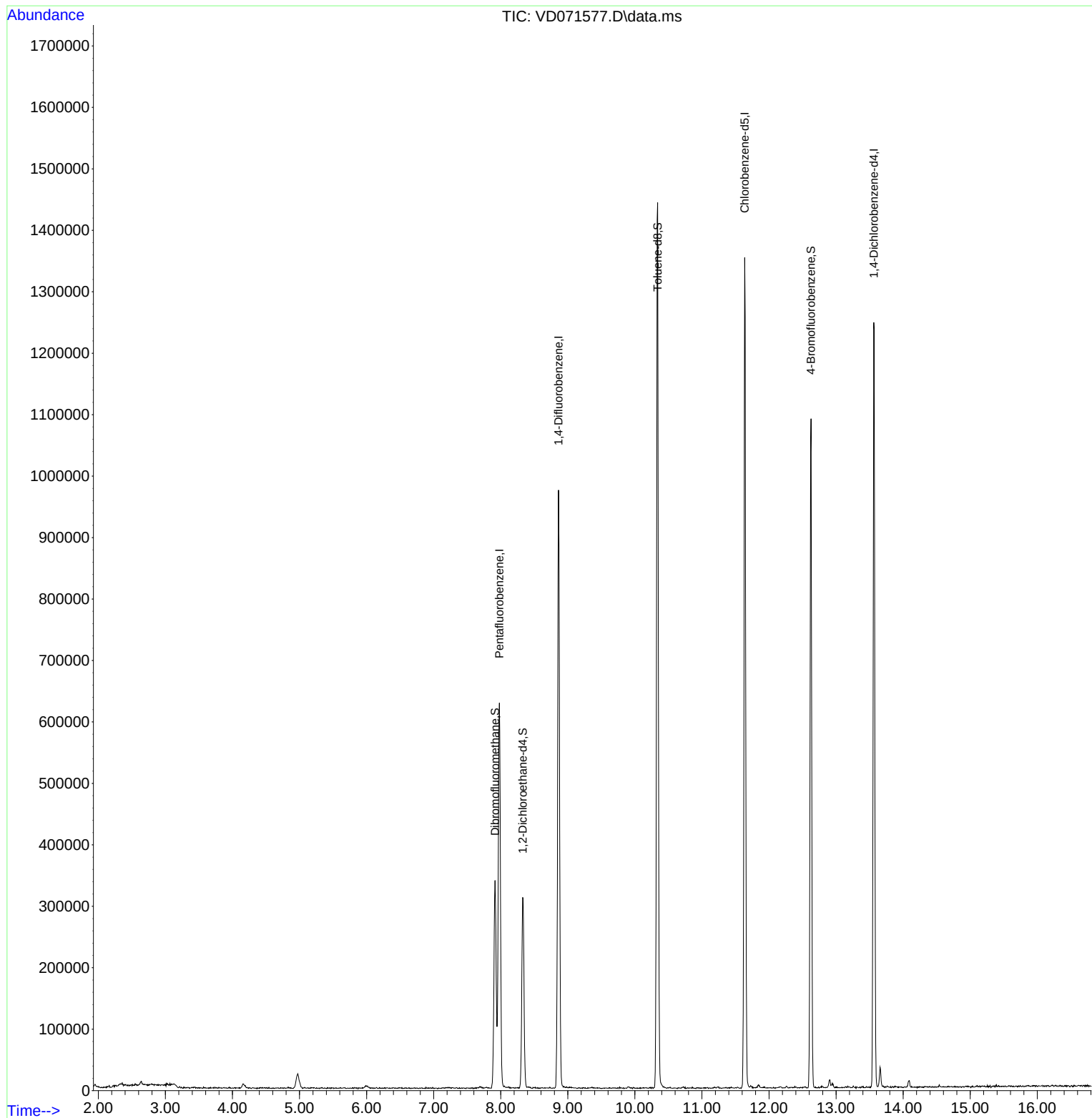
Target Compounds	Qvalue

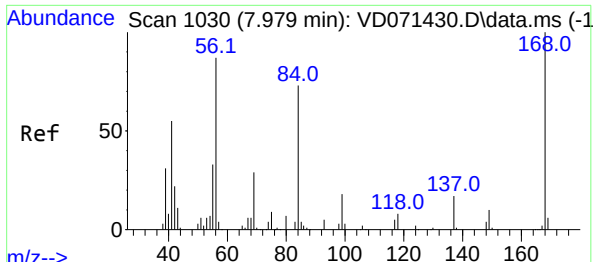
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD071577.D

Acq: 03 Jan 2022 20:26

Instrument :

MSVOA_D

ClientSampleId :

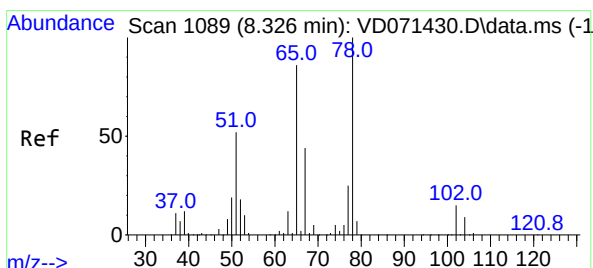
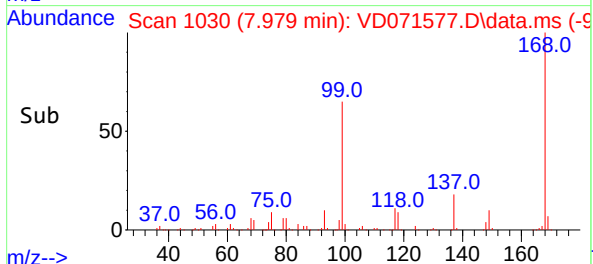
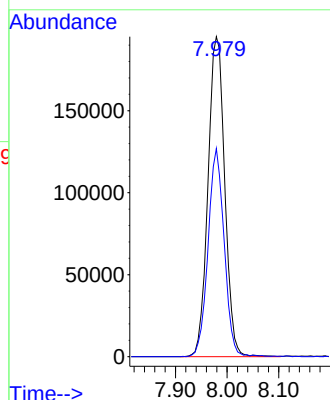
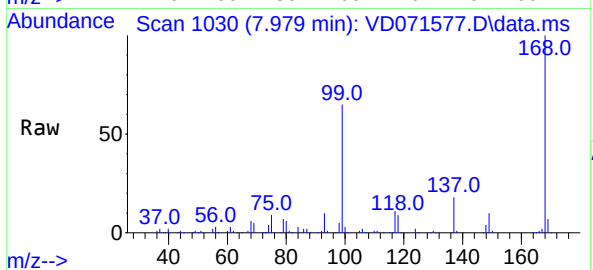
B-24-(1-2)

Tgt Ion:168 Resp: 439525

Ion Ratio Lower Upper

168 100

99 65.0 46.6 69.8



1,2-Dichloroethane-d4

Concen: 42.865 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD071577.D

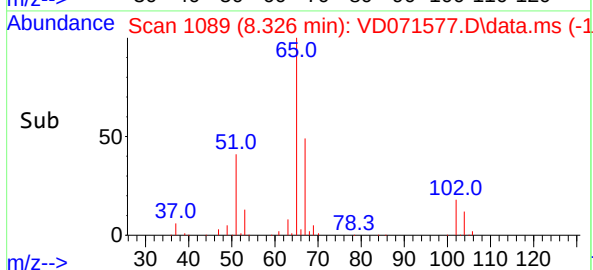
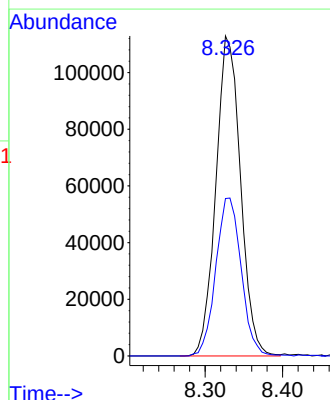
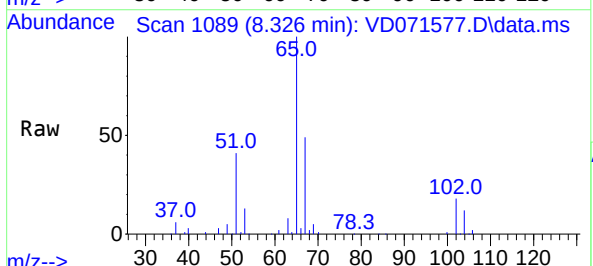
Acq: 03 Jan 2022 20:26

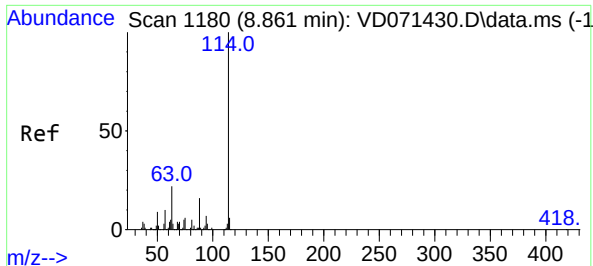
Tgt Ion: 65 Resp: 250217

Ion Ratio Lower Upper

65 100

67 50.9 0.0 112.2



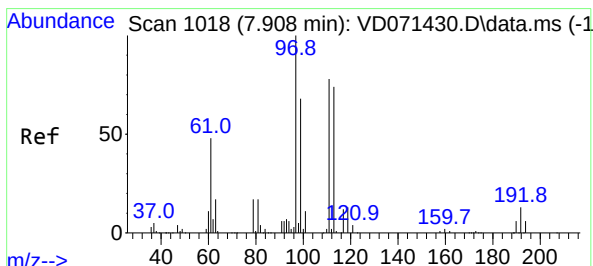
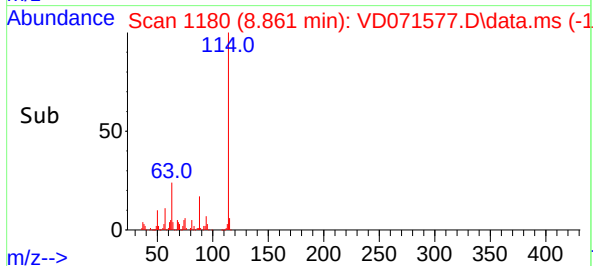
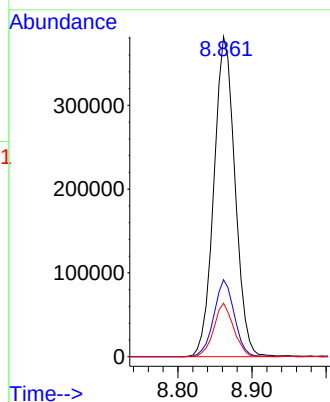
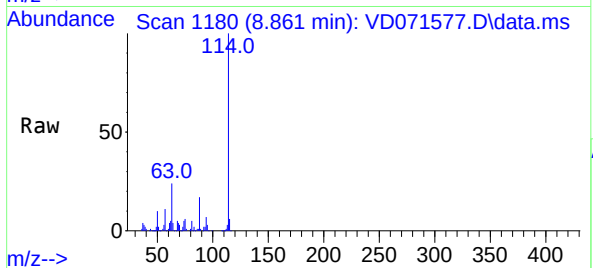


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Instrument :
MSVOA_D
ClientSampleId :
B-24-(1-2)

Tgt Ion:114 Resp: 756273

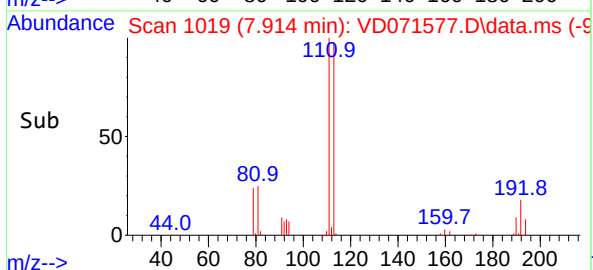
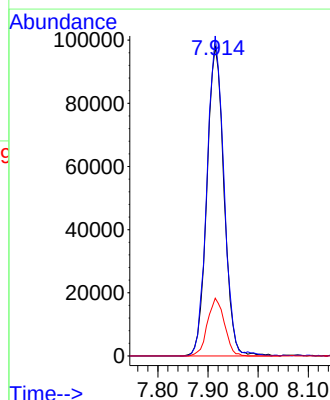
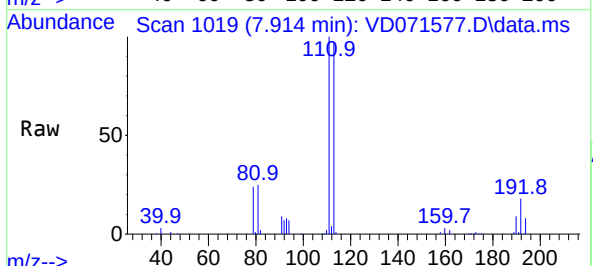
Ion	Ratio	Lower	Upper
114	100		
63	24.1	0.0	41.8
88	16.7	0.0	32.8

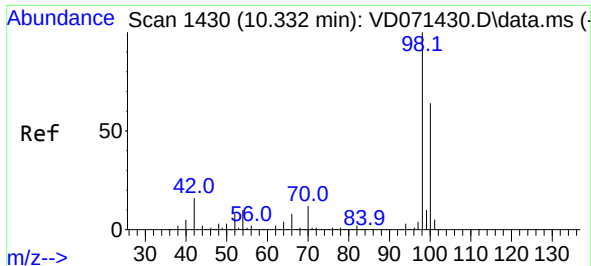


#35
Dibromofluoromethane
Concen: 45.632 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.006 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion:113 Resp: 231937

Ion	Ratio	Lower	Upper
113	100		
111	101.8	82.0	123.0
192	18.6	15.2	22.8

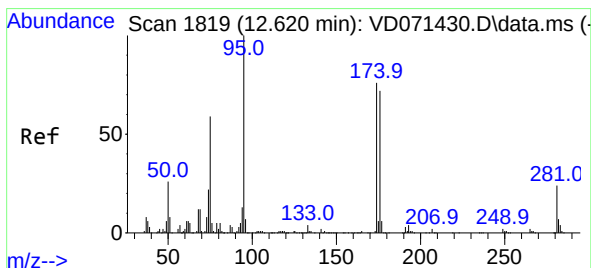
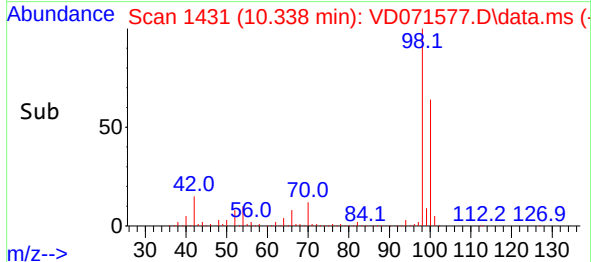
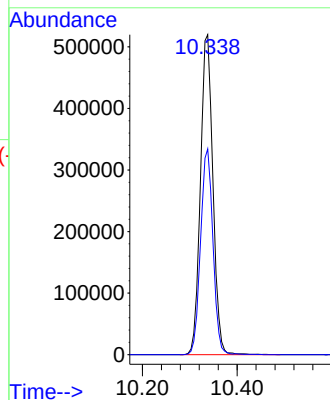
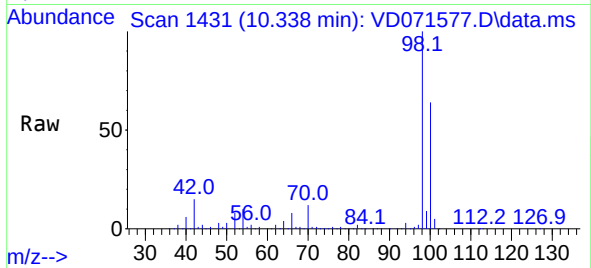




#50
Toluene-d8
Concen: 49.379 ug/l
RT: 10.338 min Scan# 1430
Delta R.T. 0.006 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

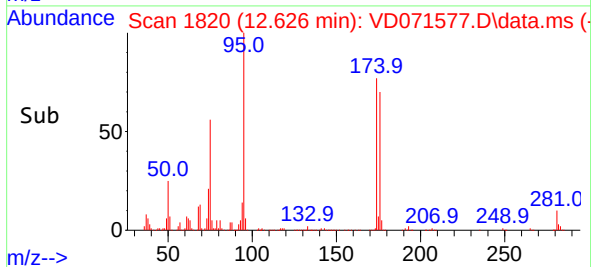
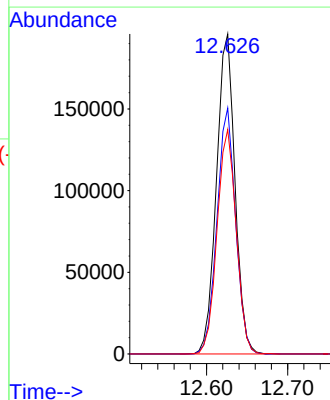
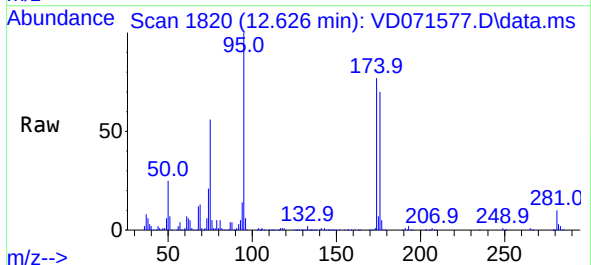
Instrument :
MSVOA_D
ClientSampleId :
B-24-(1-2)

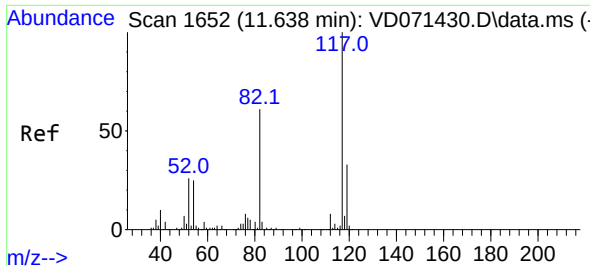
Tgt Ion: 98 Resp: 948463
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 45.533 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion: 95 Resp: 310784
Ion Ratio Lower Upper
95 100
174 77.3 0.0 159.4
176 72.4 0.0 154.0

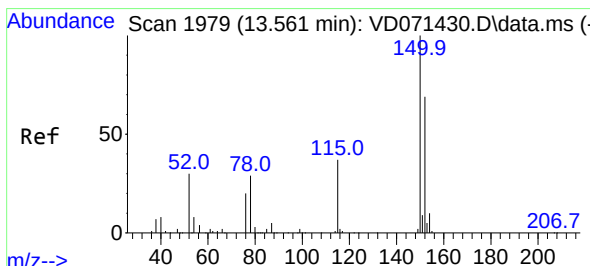
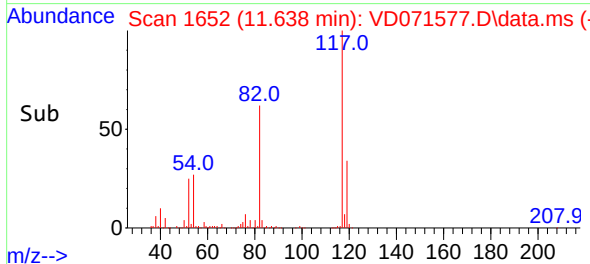
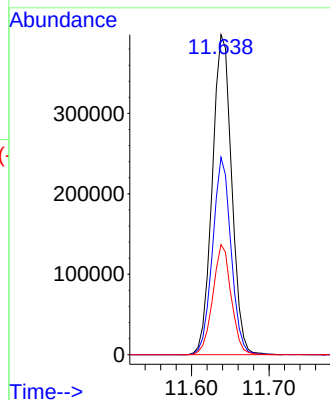
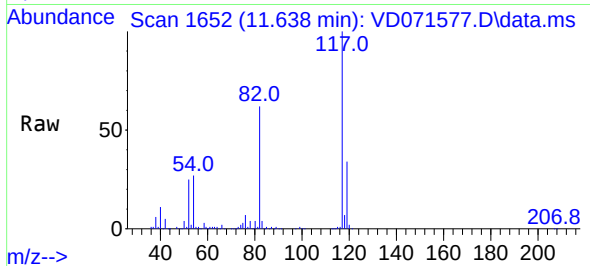




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1652
Delta R.T. -0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Instrument :
MSVOA_D
ClientSampleId :
B-24-(1-2)

Tgt Ion:117 Resp: 690662
Ion Ratio Lower Upper
117 100
82 61.6 44.7 67.1
119 34.4 26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VD071577.D
Acq: 03 Jan 2022 20:26

Tgt Ion:152 Resp: 304217
Ion Ratio Lower Upper
152 100
115 60.4 29.8 89.3
150 158.4 0.0 349.2

