

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD050322\
 Data File : VD072768.D
 Acq On : 03 May 2022 14:58
 Operator : VA/SY
 Sample : N2641-01
 Misc : 5.04G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-21

Quant Time: May 04 01:26:04 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	8078	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	15611	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20170	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.555	152	9754	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	8937	85.229	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 170.460%#	
35) Dibromofluoromethane	7.903	113	6559	59.824	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 119.640%	
50) Toluene-d8	10.332	98	21250	54.033	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.060%	
62) 4-Bromofluorobenzene	12.626	95	9027	61.557	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 123.120%	

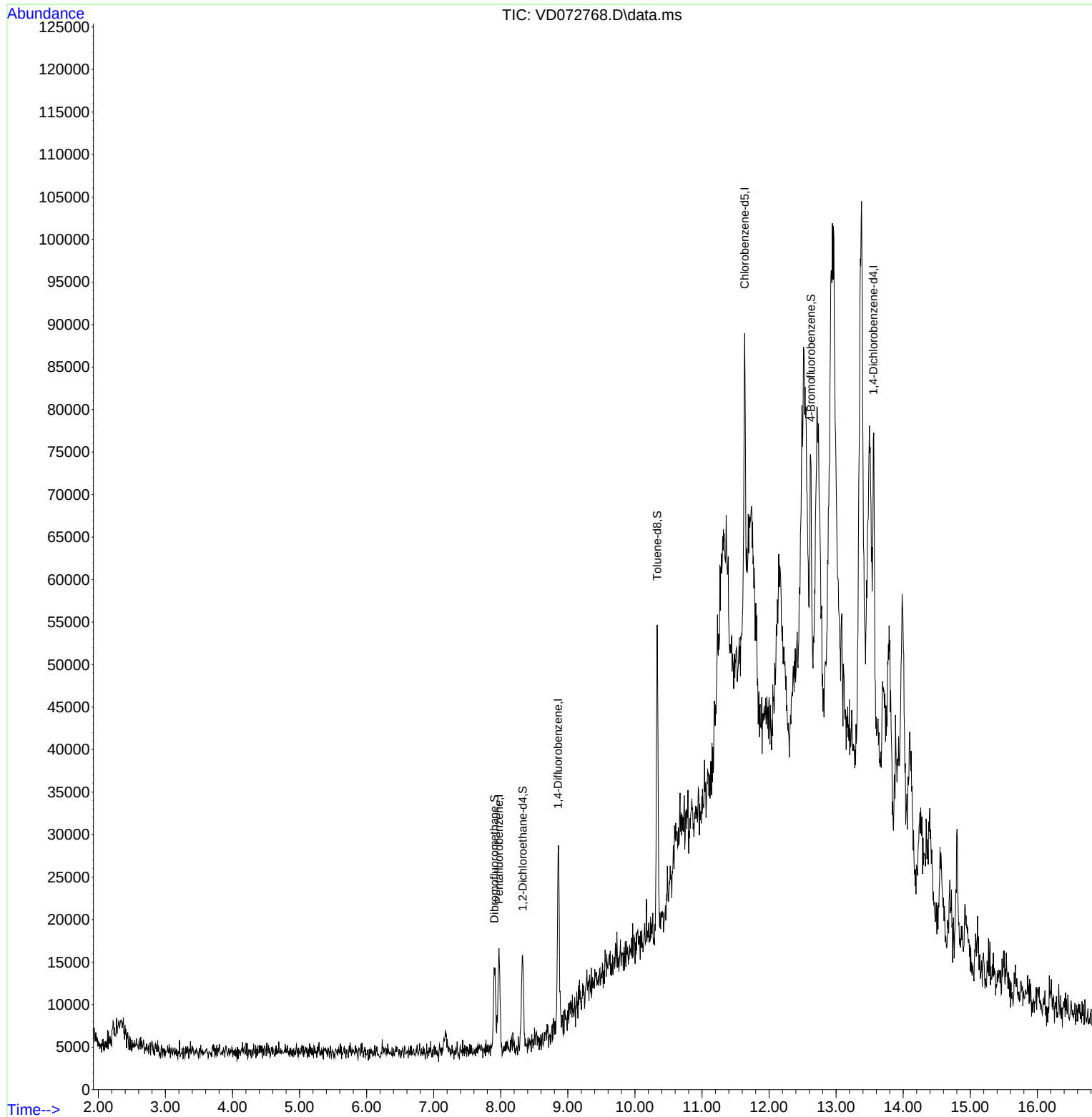
Target Compounds	Qvalue

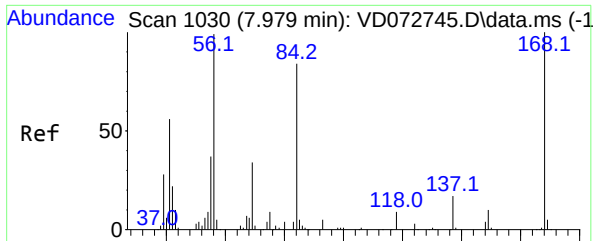
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1 Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.973 min Scan# 1029

Delta R.T. -0.006 min

Lab File: VD072768.D

Acq: 03 May 2022 14:58

Instrument :

MSVOA_D

ClientSampleId :

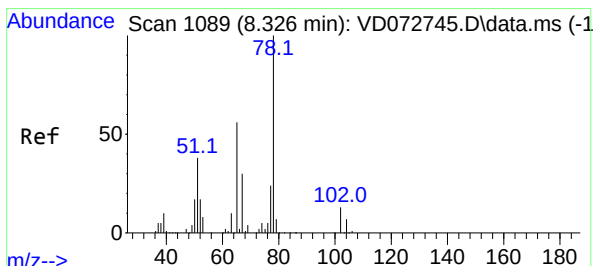
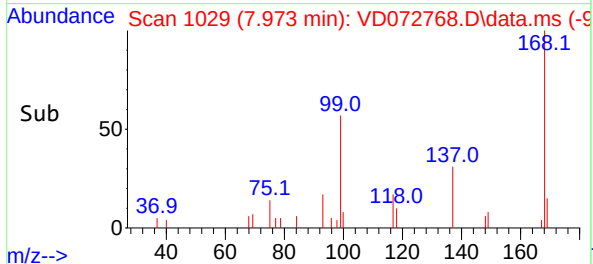
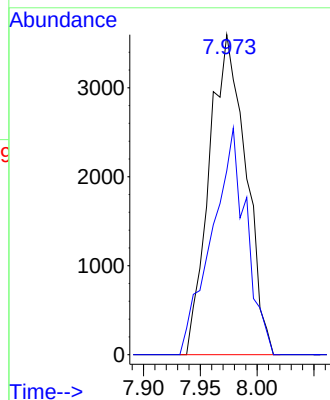
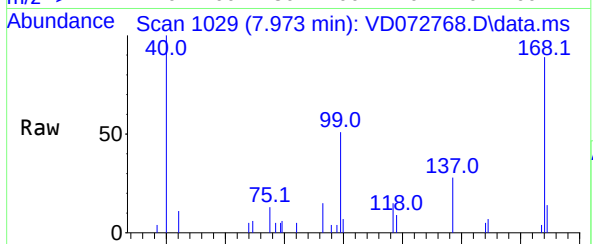
TP-21

Tgt Ion:168 Resp: 8078

Ion Ratio Lower Upper

168 100

99 57.5 49.8 74.6



#33

1,2-Dichloroethane-d4

Concen: 85.229 ug/l

RT: 8.326 min Scan# 1089

Delta R.T. 0.000 min

Lab File: VD072768.D

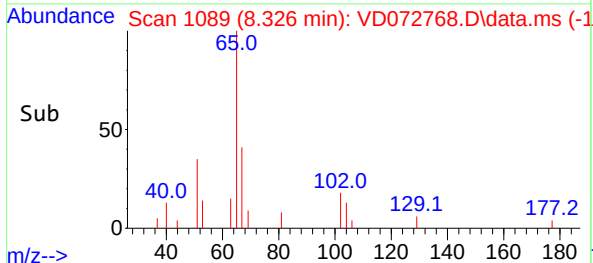
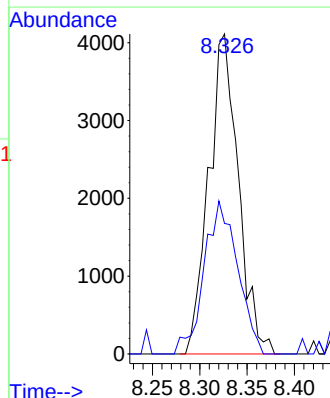
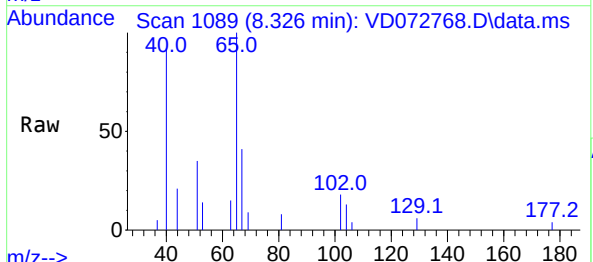
Acq: 03 May 2022 14:58

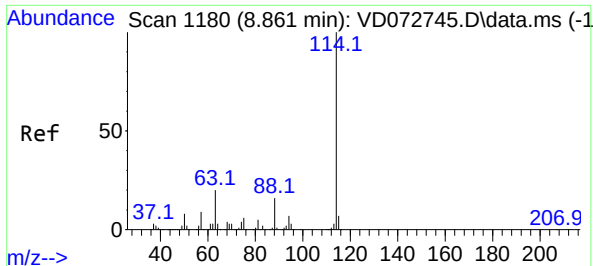
Tgt Ion: 65 Resp: 8937

Ion Ratio Lower Upper

65 100

67 54.1 0.0 101.4



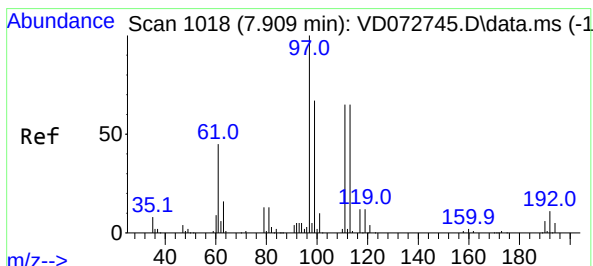
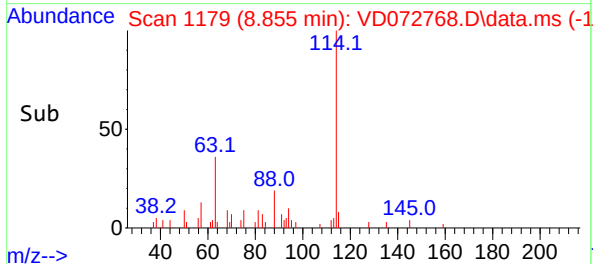
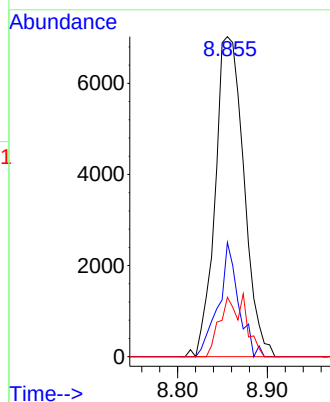
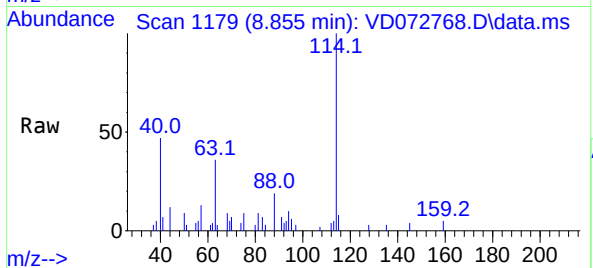


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.855 min Scan# 1180
Delta R.T. -0.006 min
Lab File: VD072768.D
Acq: 03 May 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Tgt Ion:114 Resp: 15611

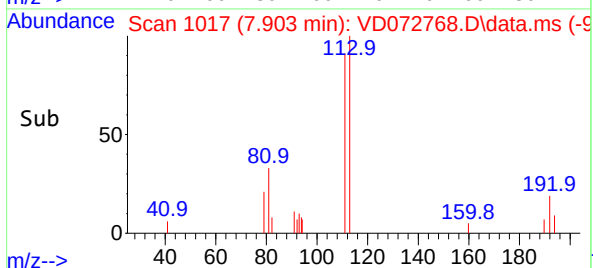
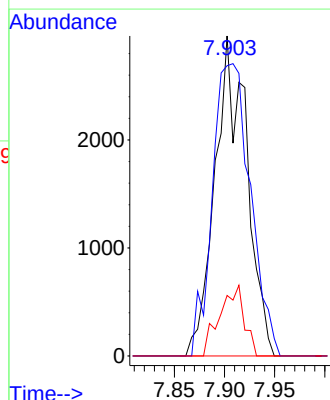
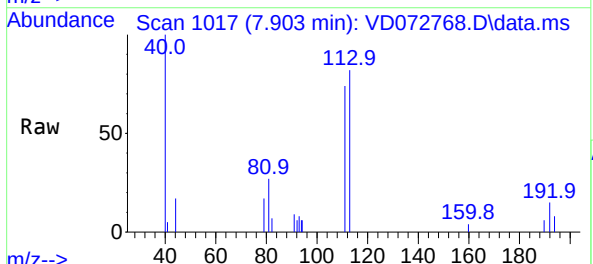
Ion	Ratio	Lower	Upper
114	100		
63	35.7	0.0	46.6
88	18.6	0.0	33.2

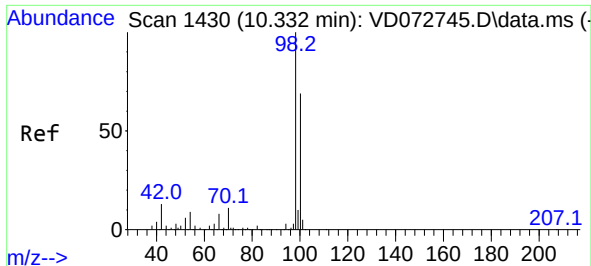


#35
Dibromofluoromethane
Concen: 59.824 ug/l
RT: 7.903 min Scan# 1017
Delta R.T. -0.006 min
Lab File: VD072768.D
Acq: 03 May 2022 14:58

Tgt Ion:113 Resp: 6559

Ion	Ratio	Lower	Upper
113	100		
111	108.7	83.8	125.6
192	16.9	14.6	21.8

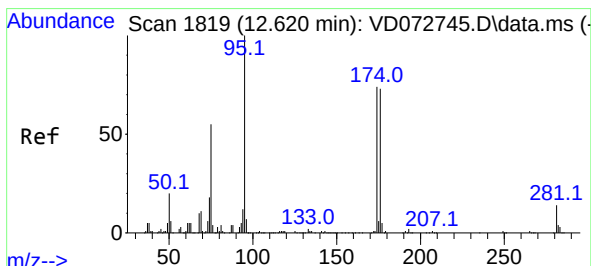
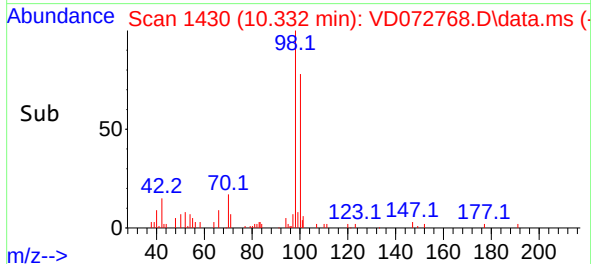
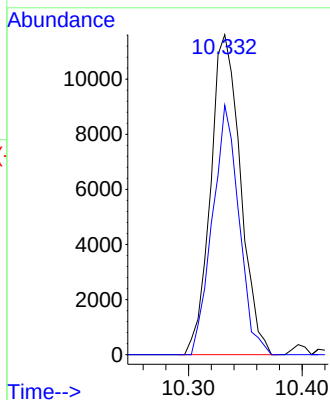
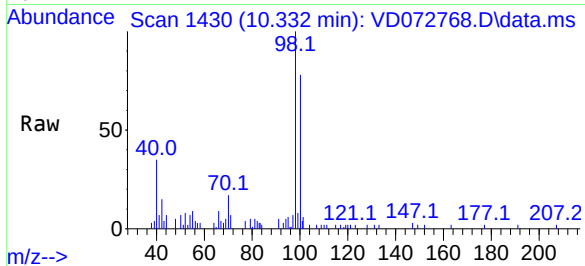




#50
Toluene-d8
Concen: 54.033 ug/l
RT: 10.332 min Scan# 14
Delta R.T. -0.000 min
Lab File: VD072768.D
Acq: 03 May 2022 14:58

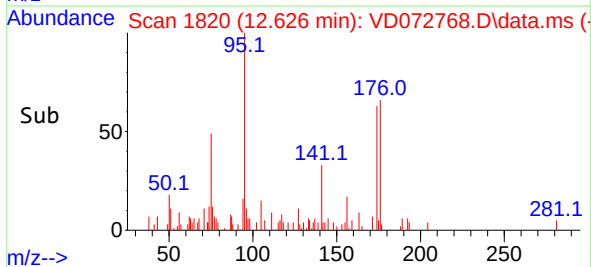
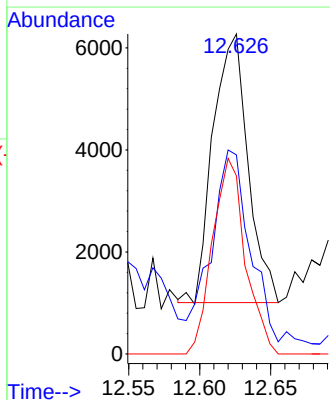
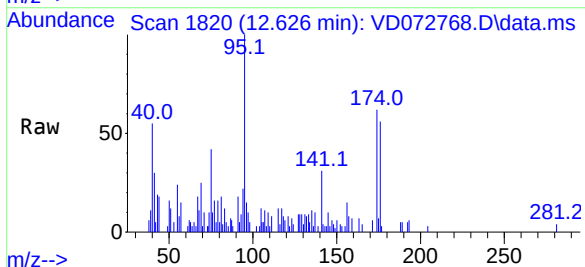
Instrument :
MSVOA_D
ClientSampleId :
TP-21

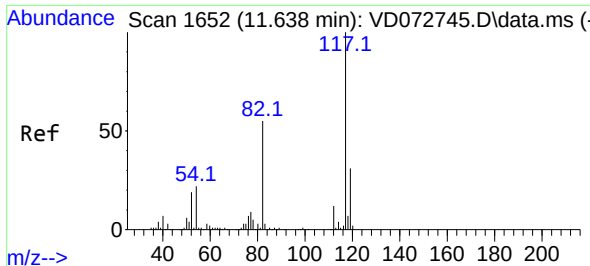
Tgt Ion: 98 Resp: 21250
Ion Ratio Lower Upper
98 100
100 69.4 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 61.557 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. 0.006 min
Lab File: VD072768.D
Acq: 03 May 2022 14:58

Tgt Ion: 95 Resp: 9027
Ion Ratio Lower Upper
95 100
174 80.0 0.0 152.8
176 68.1 0.0 145.4

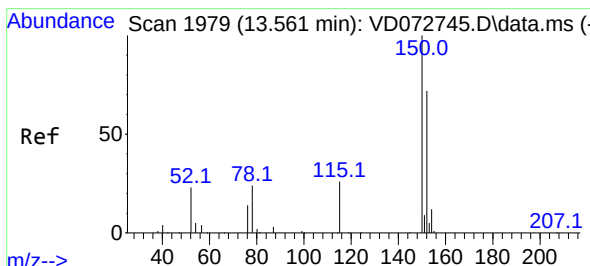
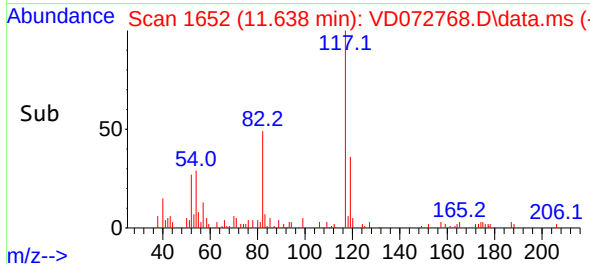
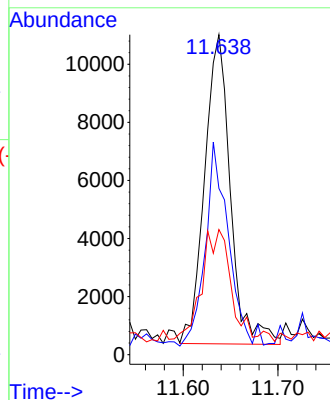
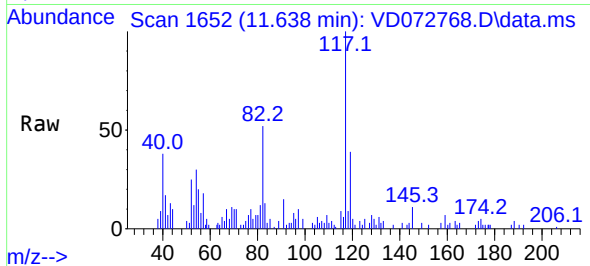




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1
Delta R.T. -0.000 min
Lab File: VD072768.D
Acq: 03 May 2022 14:58

Instrument :
MSVOA_D
ClientSampleId :
TP-21

Tgt Ion:	117	Resp:	20170
Ion	Ratio	Lower	Upper
117	100		
82	51.1	45.3	67.9
119	33.7	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: VD072768.D
Acq: 03 May 2022 14:58

Tgt Ion:	152	Resp:	9754
Ion	Ratio	Lower	Upper
152	100		
115	61.9	31.3	93.8
150	139.3	0.0	348.6

