

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031422\
 Data File : VD072168.D
 Acq On : 14 Mar 2022 15:33
 Operator : VA/SY
 Sample : N1851-07
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 DUM-37

Quant Time: Mar 15 01:24:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031122S.M
 Quant Title : SW846 8260
 QLast Update : Mon Mar 14 05:18:06 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	3332	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.867	114	5783	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	6192	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	2909	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	3175	85.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	171.000%#
35) Dibromofluoromethane	7.908	113	2218	54.502	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.000%
50) Toluene-d8	10.332	98	7114	47.808	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.620%
62) 4-Bromofluorobenzene	12.632	95	2734	47.286	ug/l	0.01
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.580%

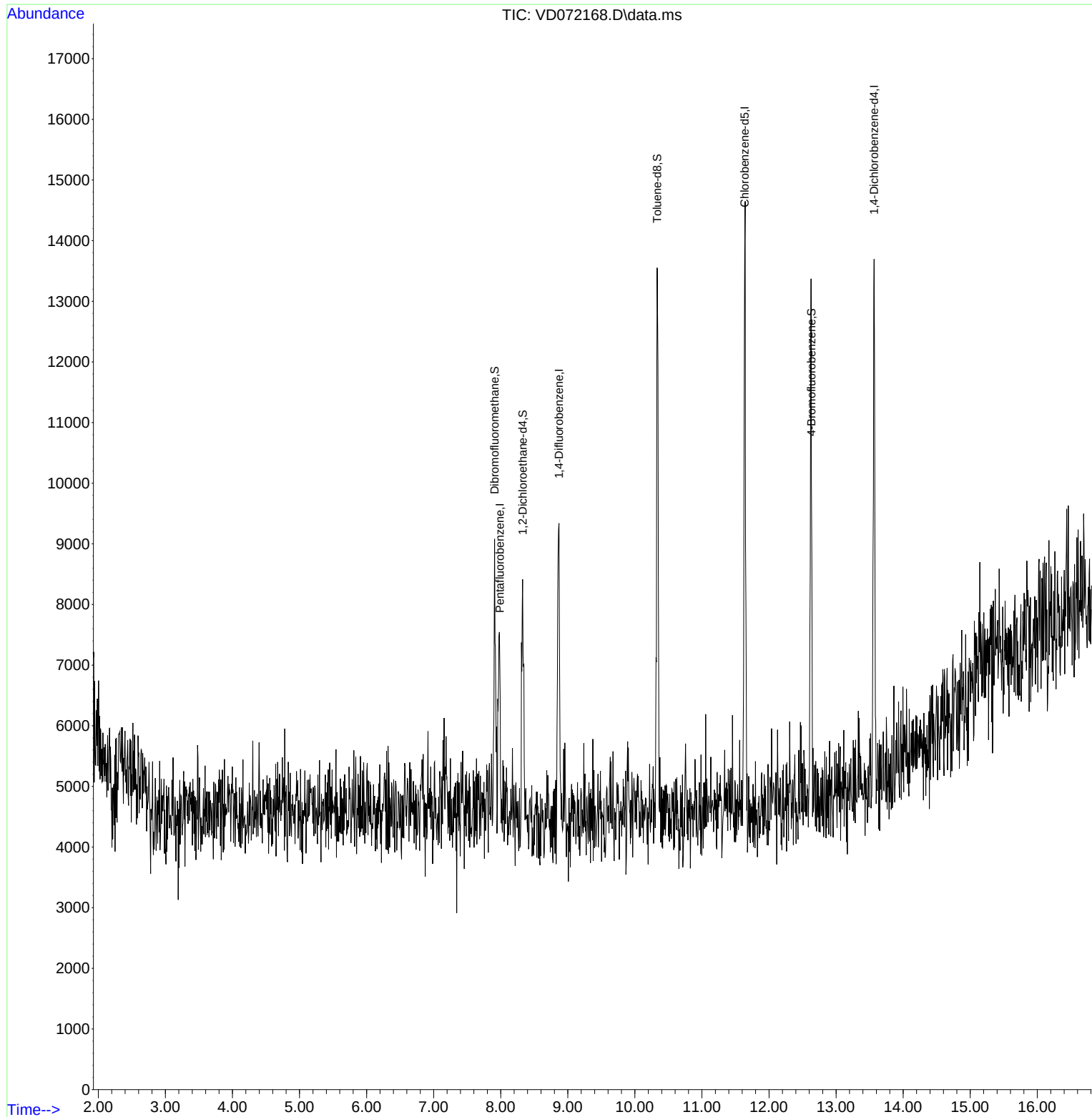
Target Compounds	Qvalue

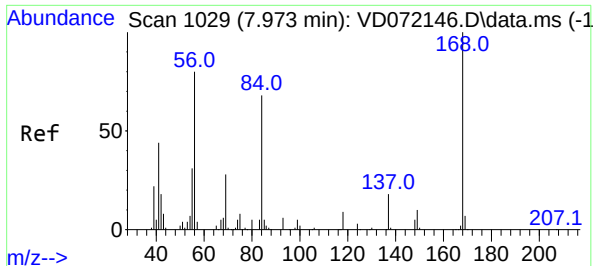
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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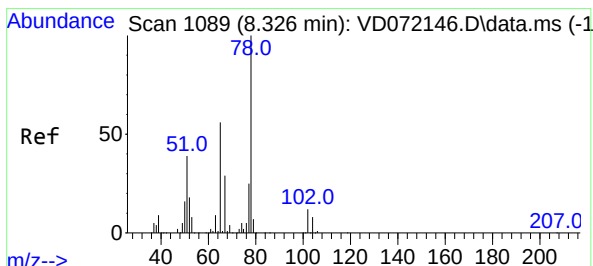
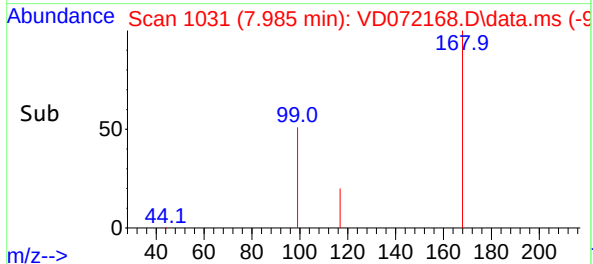
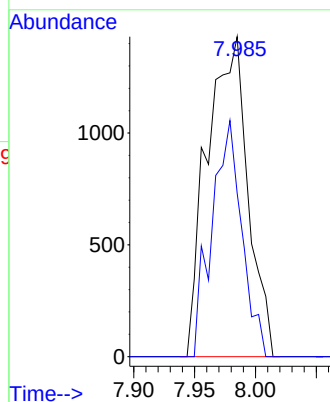
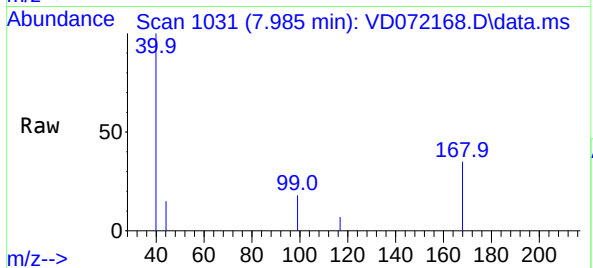




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.012 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

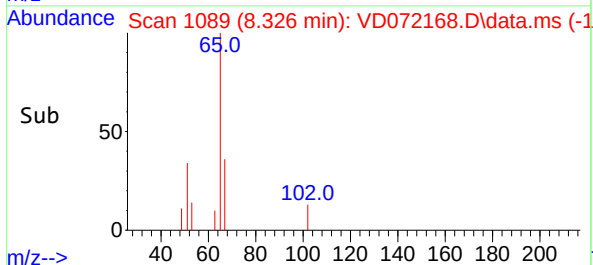
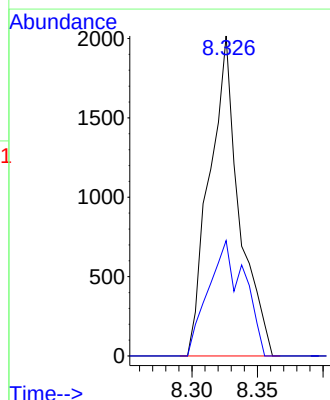
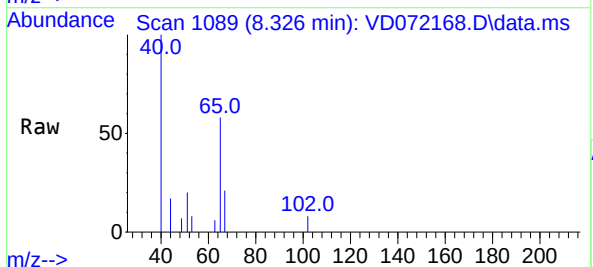
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

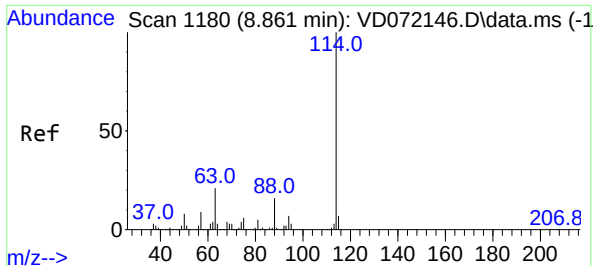
Tgt Ion:168 Resp: 3332
Ion Ratio Lower Upper
168 100
99 51.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 85.503 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 65 Resp: 3175
Ion Ratio Lower Upper
65 100
67 43.8 0.0 101.4

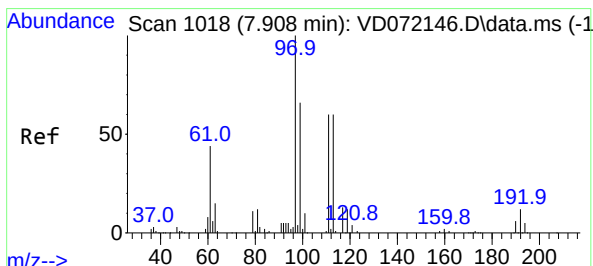
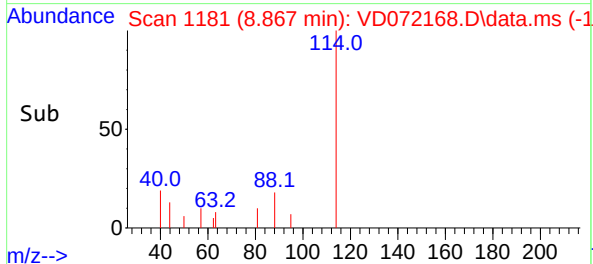
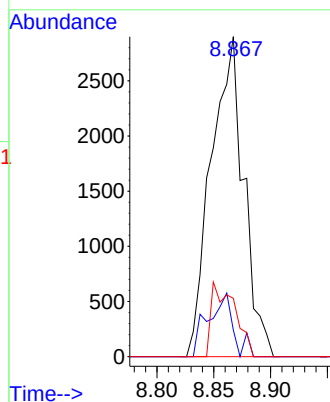
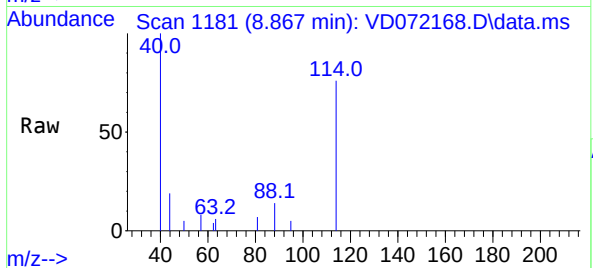




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

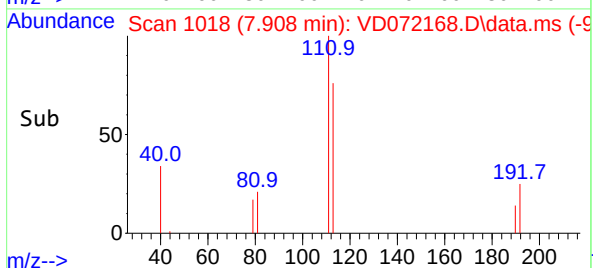
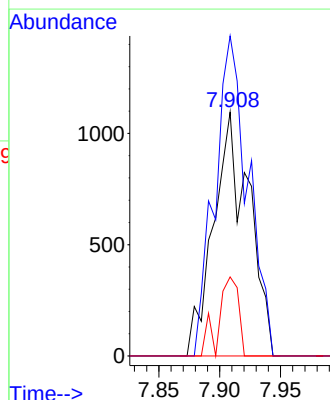
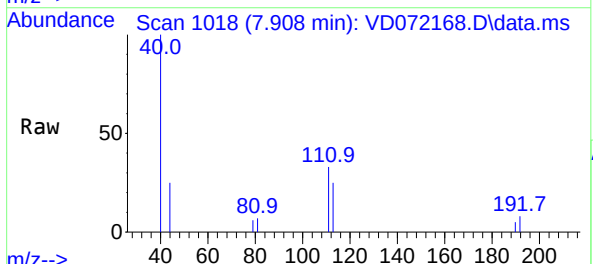
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

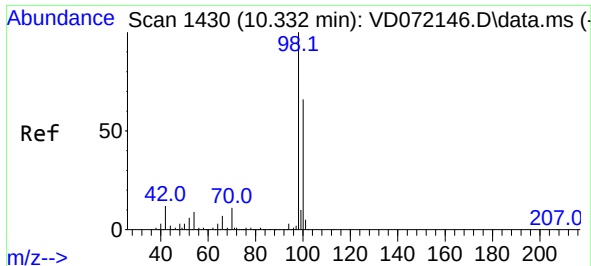
Tgt Ion:	114	Resp:	5783
Ion Ratio	Lower	Upper	
114	100		
63	8.3	0.0	46.6
88	18.2	0.0	33.2



#35
Dibromofluoromethane
Concen: 54.502 ug/l
RT: 7.908 min Scan# 1018
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion:	113	Resp:	2218
Ion Ratio	Lower	Upper	
113	100		
111	123.4	83.8	125.6
192	18.2	14.6	21.8

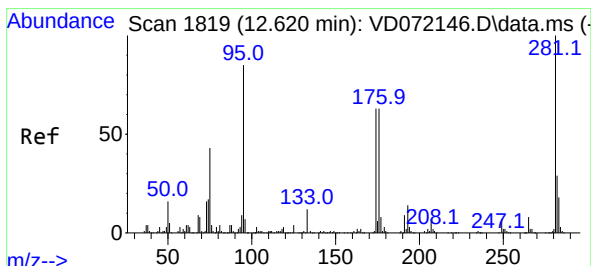
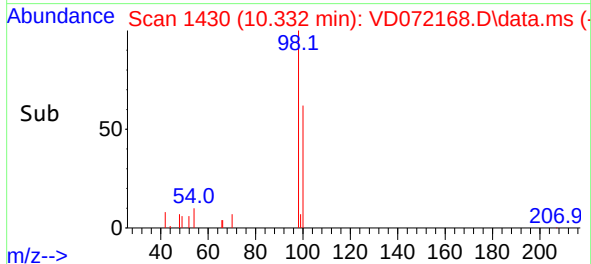
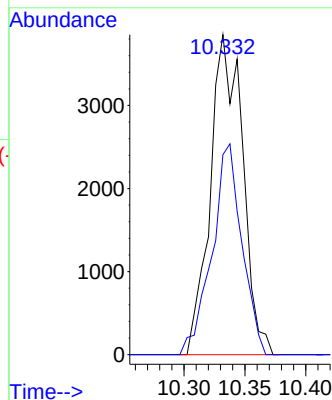
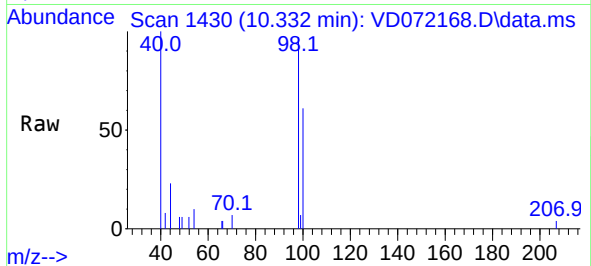




#50
Toluene-d8
Concen: 47.808 ug/l
RT: 10.332 min Scan# 1430
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

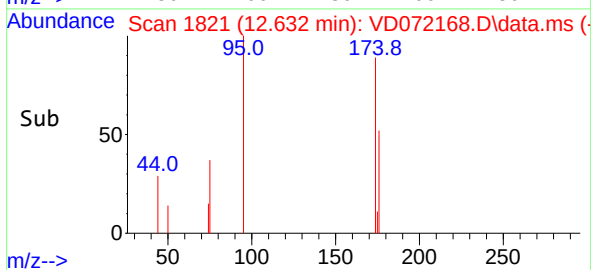
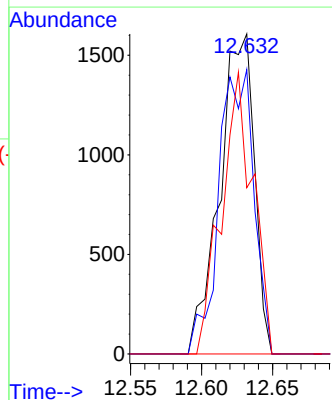
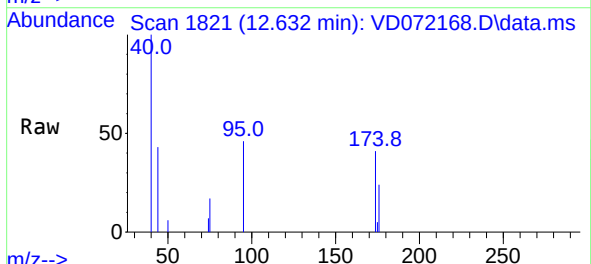
Instrument :
MSVOA_D
ClientSampleId :
DUM-37

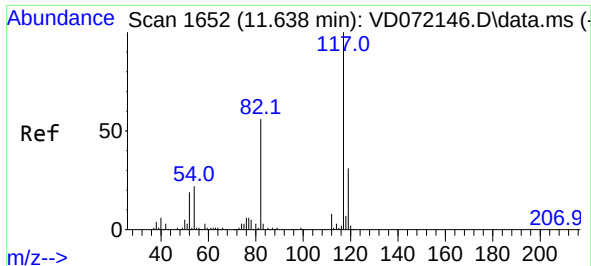
Tgt Ion: 98 Resp: 7114
Ion Ratio Lower Upper
98 100
100 61.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 47.286 ug/l
RT: 12.632 min Scan# 1821
Delta R.T. 0.012 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion: 95 Resp: 2734
Ion Ratio Lower Upper
95 100
174 89.6 0.0 152.8
176 79.6 0.0 145.4

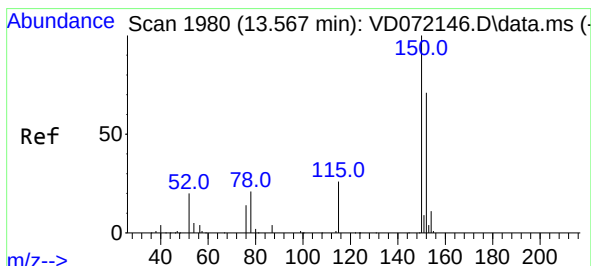
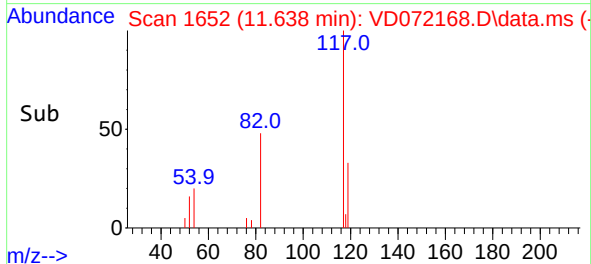
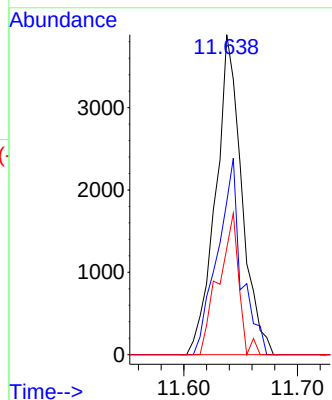
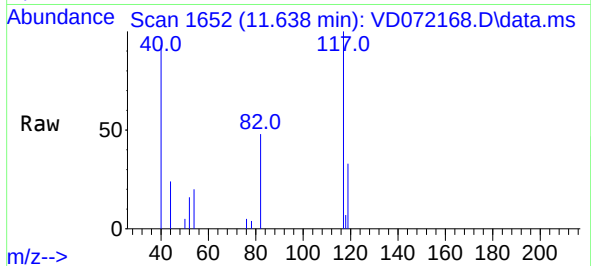




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Instrument :
MSVOA_D
ClientSampleId :
DUM-37

Tgt Ion:	117	Resp:	6192
Ion	Ratio	Lower	Upper
117	100		
82	47.7	45.3	67.9
119	33.2	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD072168.D
Acq: 14 Mar 2022 15:33

Tgt Ion:	152	Resp:	2909
Ion	Ratio	Lower	Upper
152	100		
115	48.2	31.3	93.8
150	138.6	0.0	348.6

