

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021422\
 Data File : VD071966.D
 Acq On : 14 Feb 2022 19:29
 Operator : VA/SY
 Sample : N1526-01
 Misc : 5.09G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 HR-1-021122

Quant Time: Feb 15 00:38:52 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D012622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 27 06:04:38 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	16025	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	27816	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	28244	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	11299	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	18707	92.358	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.720%#
35) Dibromofluoromethane	7.914	113	11158	61.025	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.060%
50) Toluene-d8	10.338	98	35308	51.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.420%
62) 4-Bromofluorobenzene	12.620	95	11796	49.467	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.940%

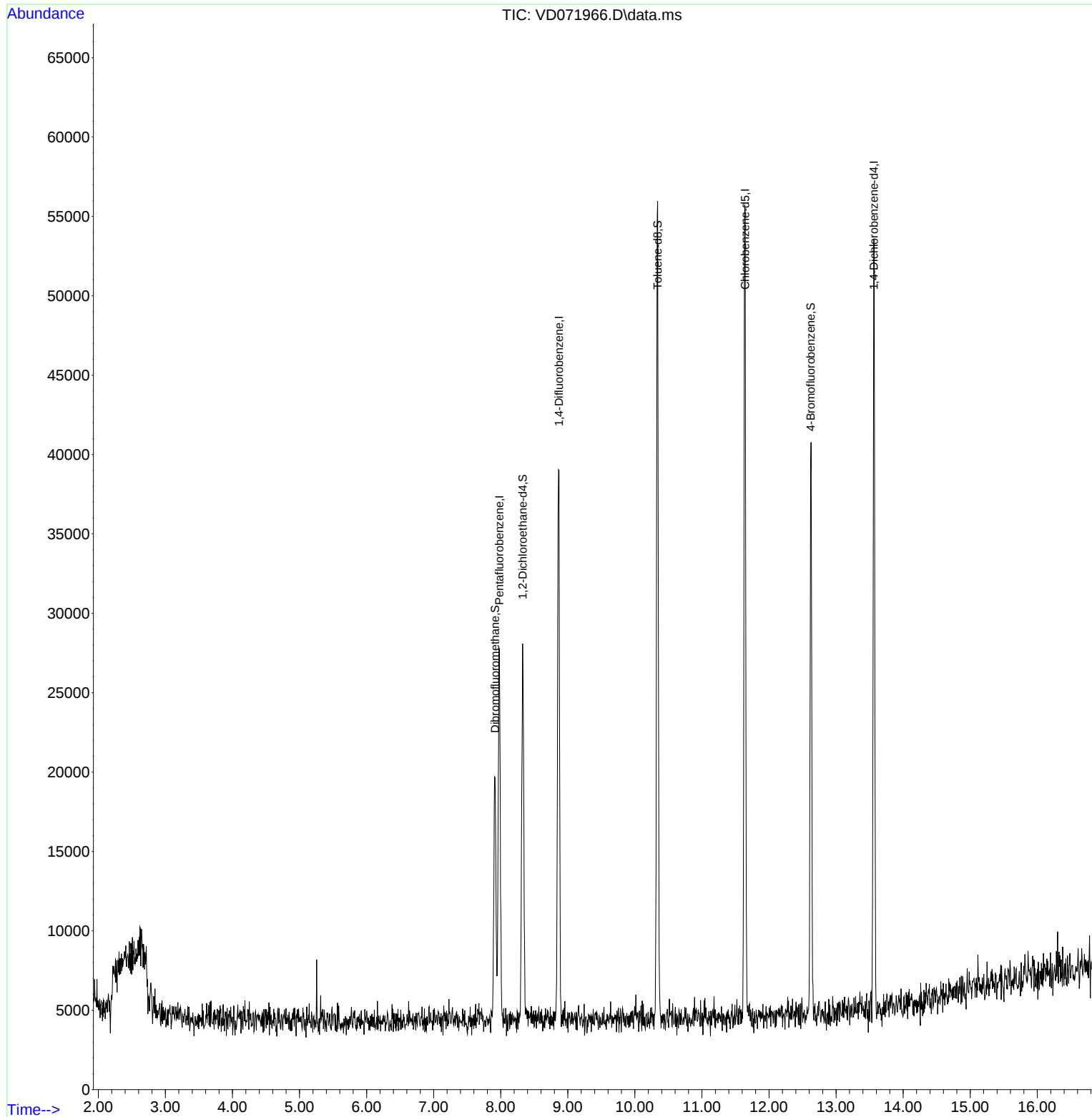
Target Compounds	Qvalue

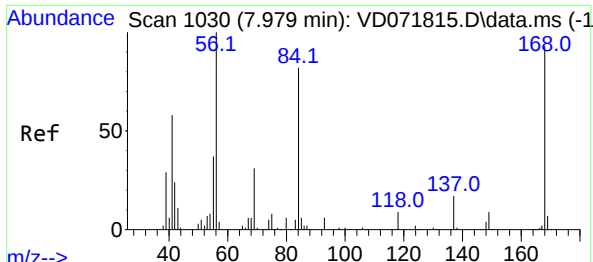
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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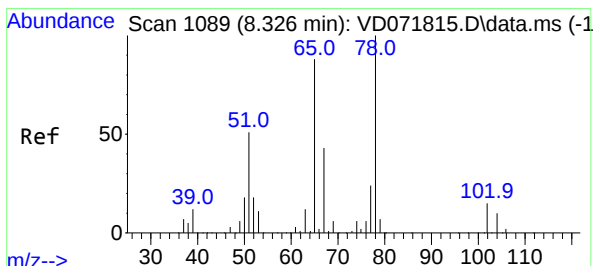
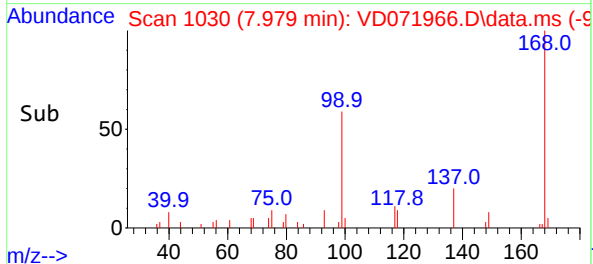
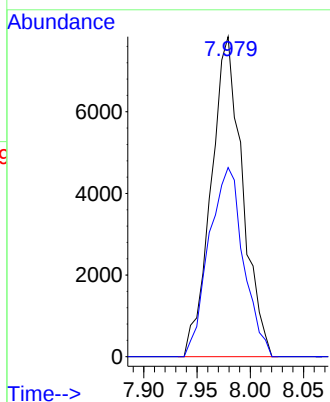
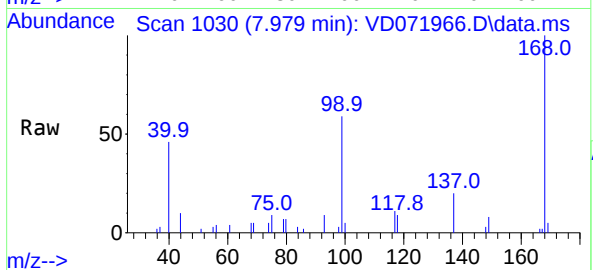




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. 0.000 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

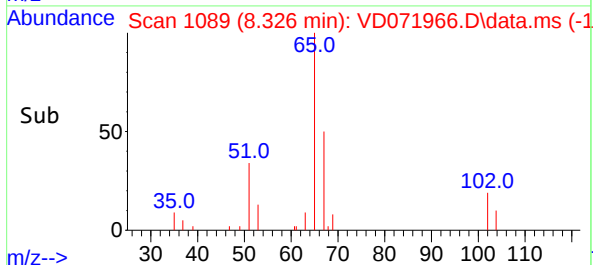
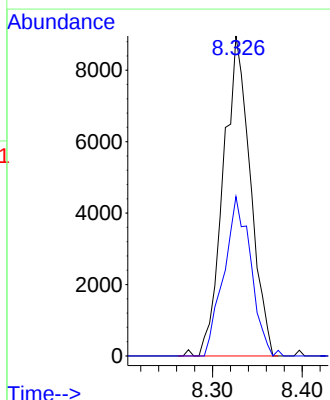
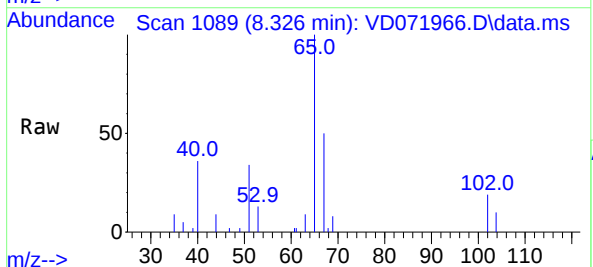
Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

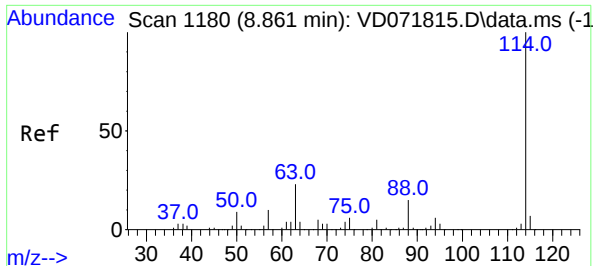
Tgt Ion:168 Resp: 16025
Ion Ratio Lower Upper
168 100
99 59.1 49.8 74.6



#33
1,2-Dichloroethane-d4
Concen: 92.358 ug/l
RT: 8.326 min Scan# 1089
Delta R.T. 0.000 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

Tgt Ion: 65 Resp: 18707
Ion Ratio Lower Upper
65 100
67 49.6 0.0 101.4

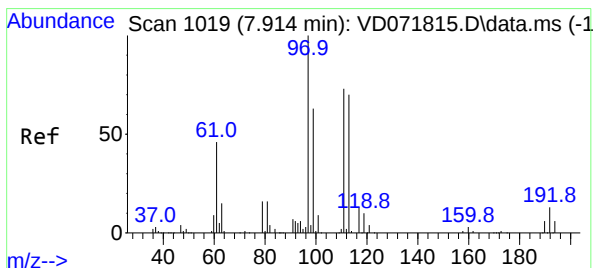
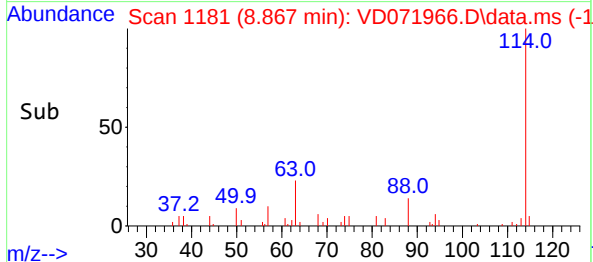
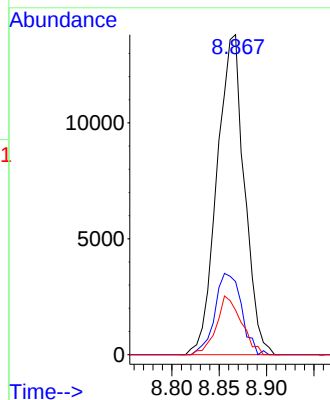
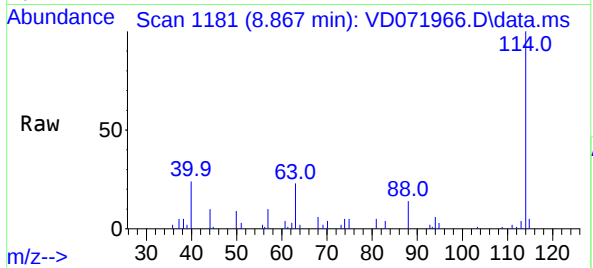




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.867 min Scan# 1180
Delta R.T. 0.006 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

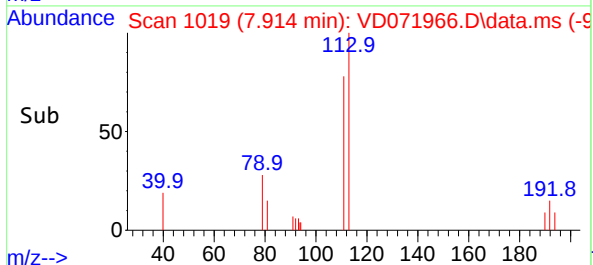
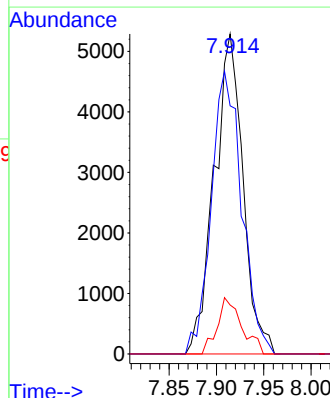
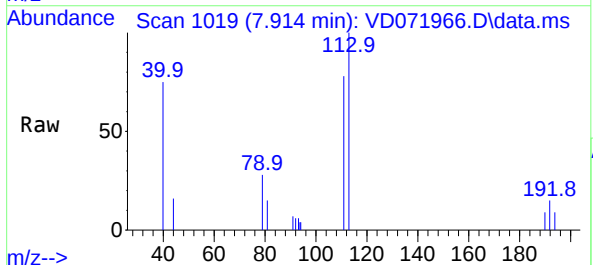
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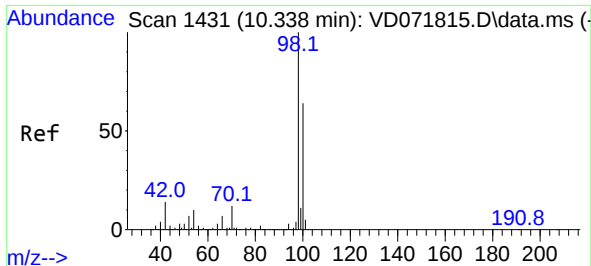
Tgt Ion:114	Resp:	27816
Ion Ratio	Lower	Upper
114	100	
63	22.9	0.0 46.6
88	13.9	0.0 33.2



#35
Dibromofluoromethane
Concen: 61.025 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. 0.000 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

Tgt Ion:113	Resp:	11158
Ion Ratio	Lower	Upper
113	100	
111	93.5	83.8 125.6
192	15.0	14.6 21.8

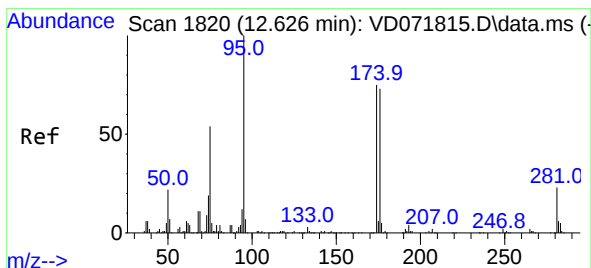
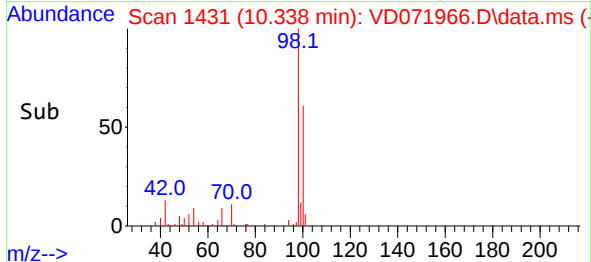
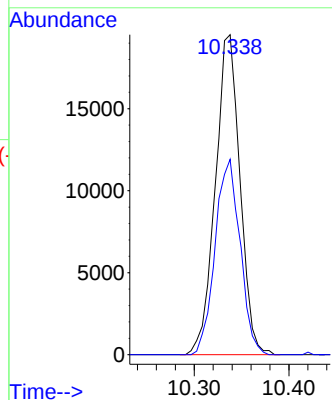
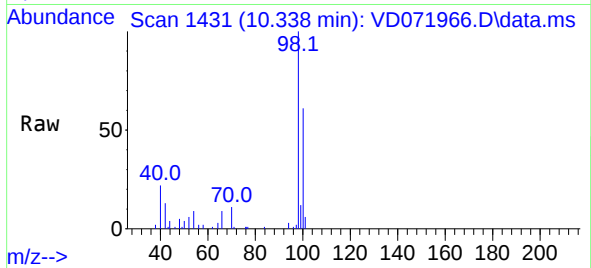




#50
Toluene-d8
Concen: 51.706 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.000 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

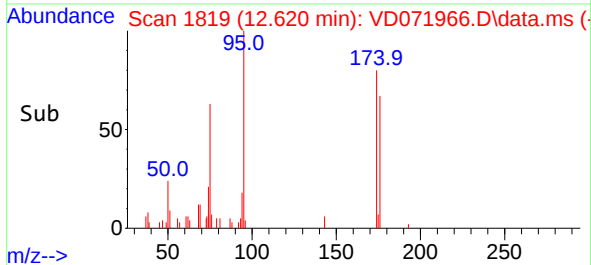
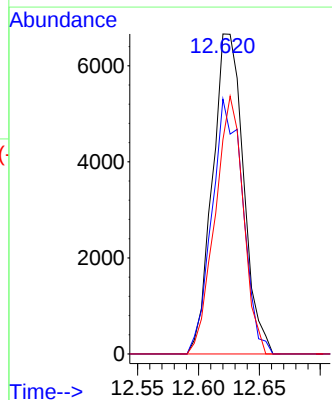
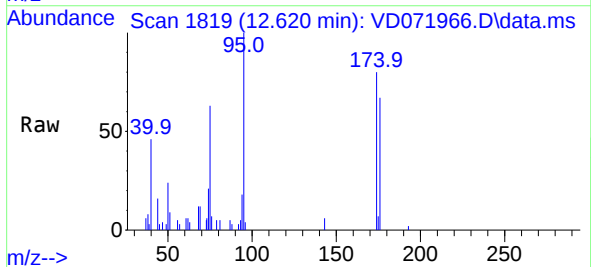
Instrument :
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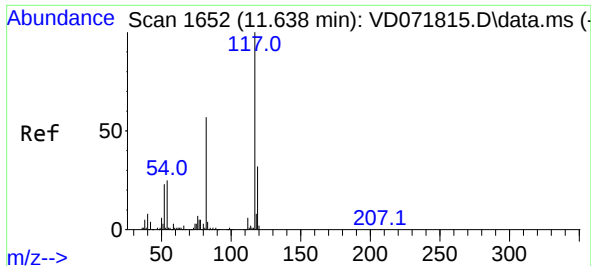
Tgt Ion: 98 Resp: 35308
Ion Ratio Lower Upper
98 100
100 61.8 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 49.467 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

Tgt Ion: 95 Resp: 11796
Ion Ratio Lower Upper
95 100
174 79.0 0.0 152.8
176 73.5 0.0 145.4

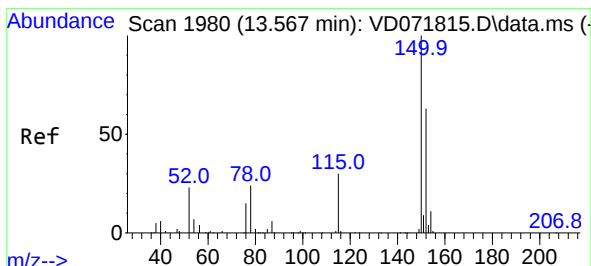
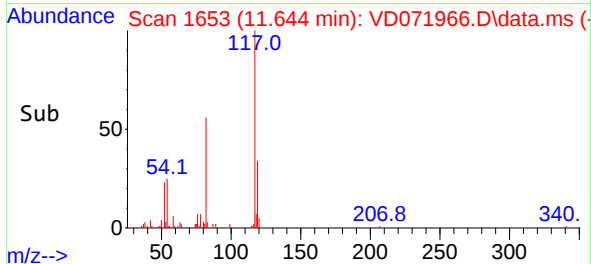
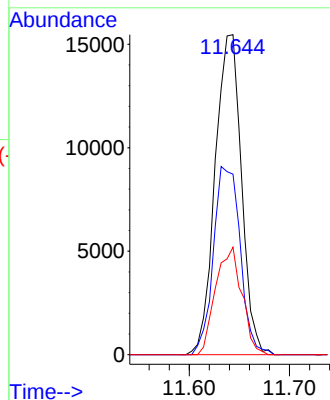
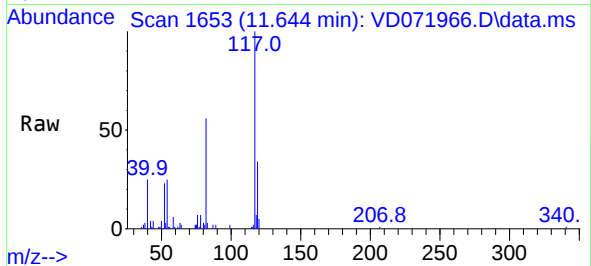




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.644 min Scan# 11
Delta R.T. 0.006 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

Instrument :
MSVOA_D
ClientSampleId :
HR-1-021122

Tgt Ion:	117	Resp:	28244
Ion	Ratio	Lower	Upper
117	100		
82	56.4	45.3	67.9
119	33.6	26.6	40.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.561 min Scan# 1979
Delta R.T. -0.006 min
Lab File: VD071966.D
Acq: 14 Feb 2022 19:29

Tgt Ion:	152	Resp:	11299
Ion	Ratio	Lower	Upper
152	100		
115	62.5	31.3	93.8
150	164.5	0.0	348.6

