

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD021122\
 Data File : VD071939.D
 Acq On : 11 Feb 2022 16:19
 Operator : VA/SY
 Sample : N1505-03RE
 Misc : 5.07G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SU-03-021022RE

Quant Time: Feb 11 23:58:59 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	10227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	19865	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	20433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	8829	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	11936	92.338	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	184.680%#
35) Dibromofluoromethane	7.914	113	6339	48.546	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.100%
50) Toluene-d8	10.338	98	22320	45.769	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.540%
62) 4-Bromofluorobenzene	12.620	95	7861	46.160	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.320%

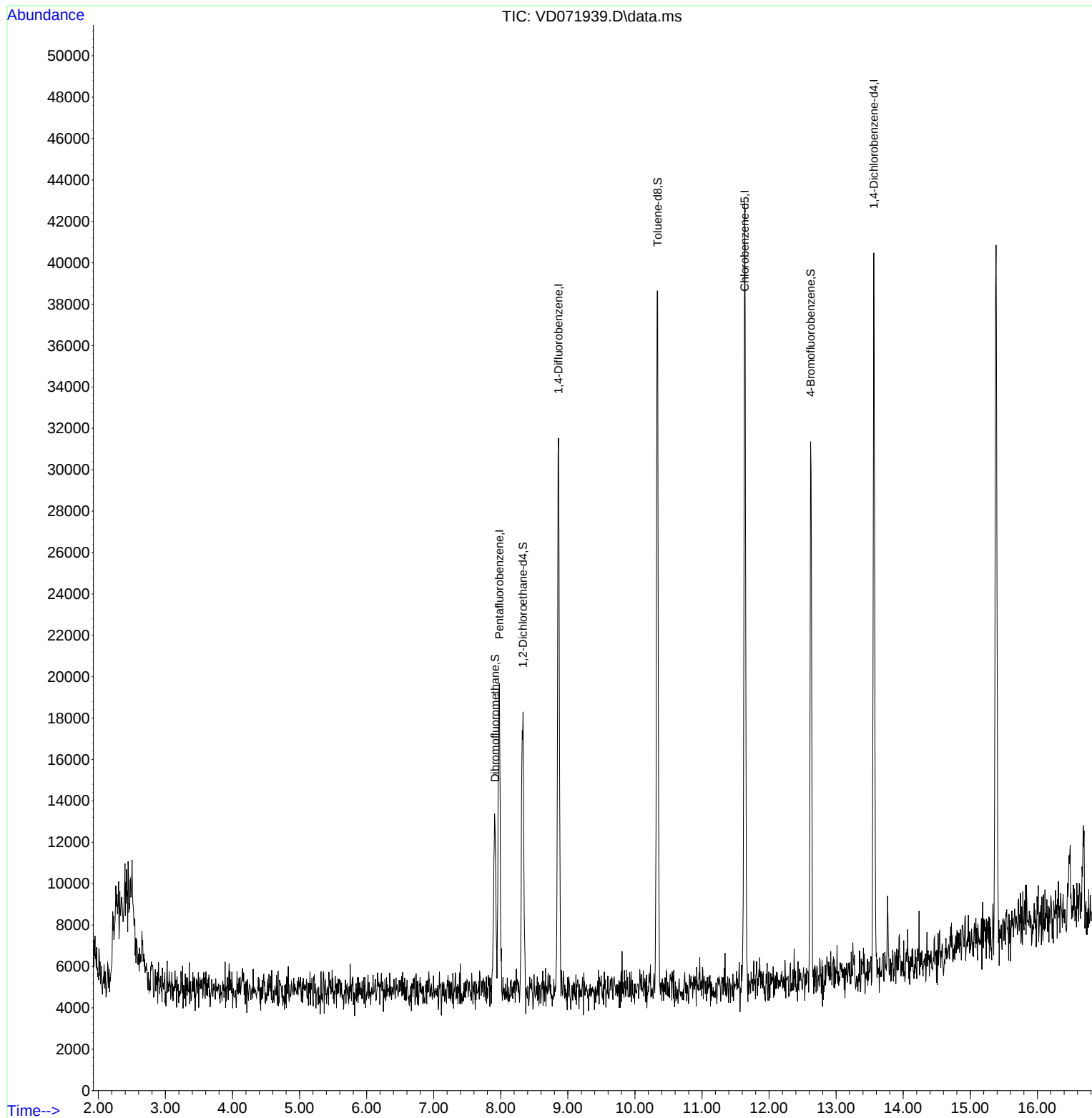
Target Compounds	Qvalue

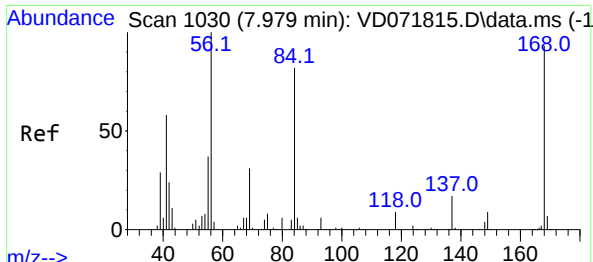
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.000 min

Lab File: VD071939.D

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MSVOA_D

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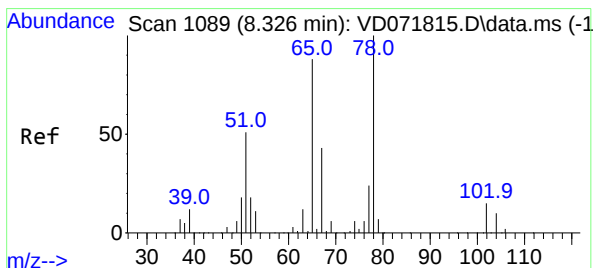
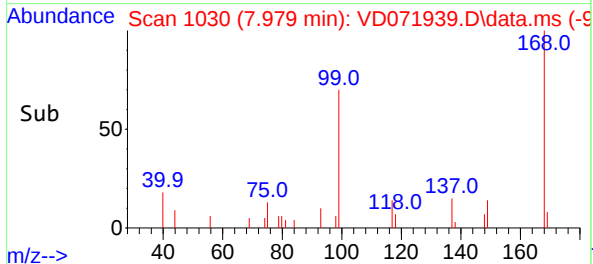
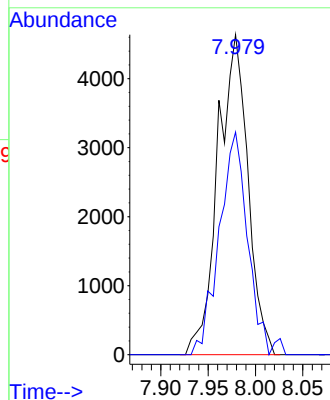
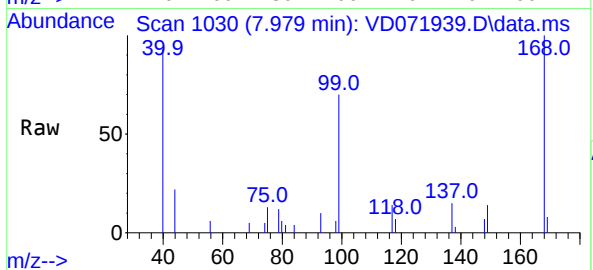
SU-03-021022RE

Tgt Ion:168 Resp: 10227

Ion Ratio Lower Upper

168 100

99 69.6 49.8 74.6



1,2-Dichloroethane-d4

Concen: 92.338 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071939.D

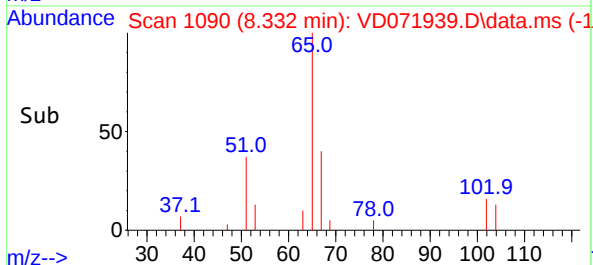
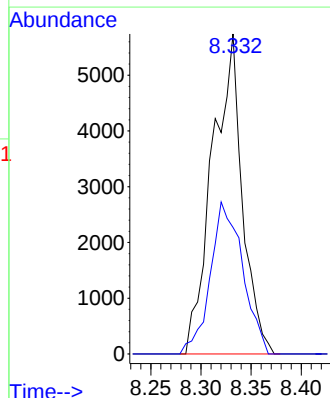
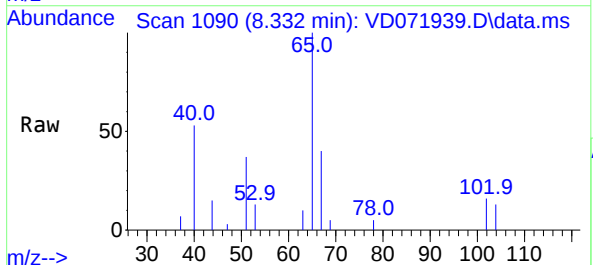
Acq: 11 Feb 2022 16:19

Tgt Ion: 65 Resp: 11936

Ion Ratio Lower Upper

65 100

67 51.1 0.0 101.4

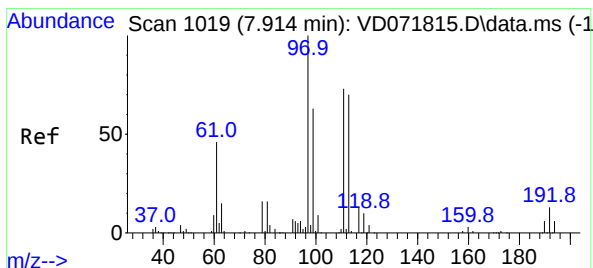
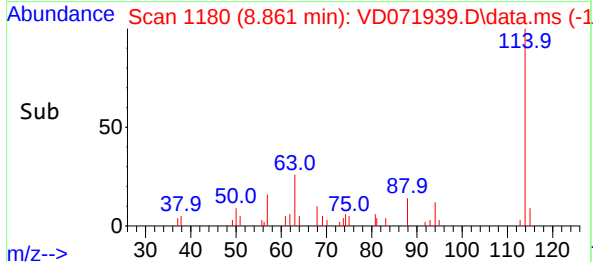
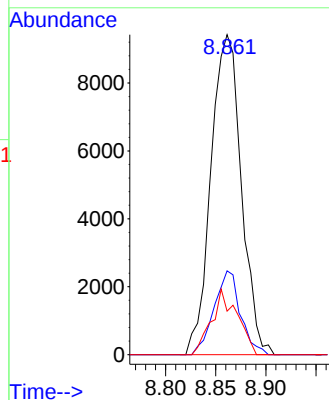
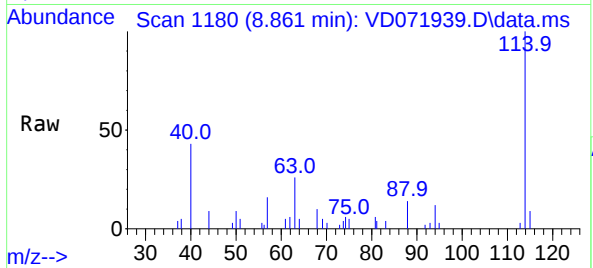




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071939.D
Acq: 11 Feb 2022 16:19

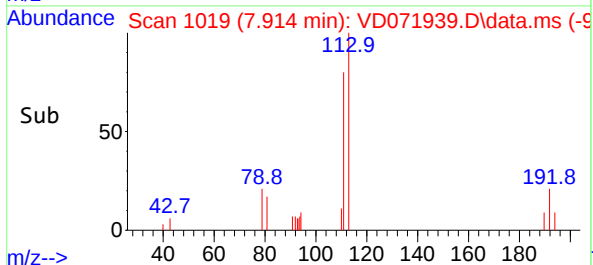
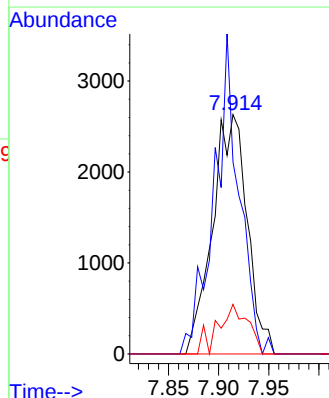
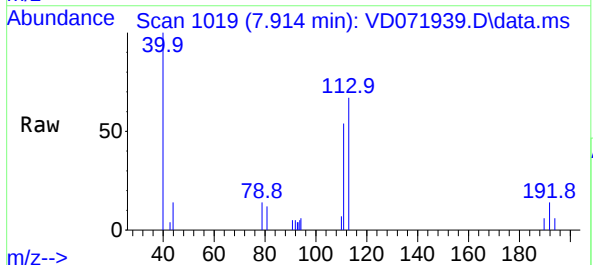
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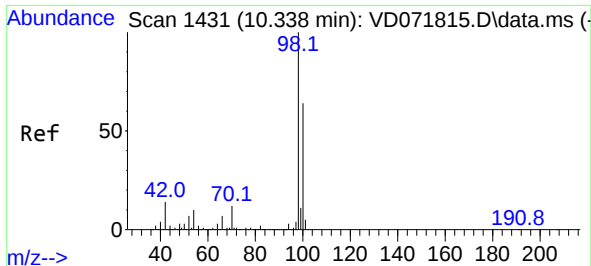
Tgt Ion:114	Resp:	19865
Ion Ratio	Lower	Upper
114	100	
63	26.2	0.0 46.6
88	13.6	0.0 33.2



#35
Dibromofluoromethane
Concen: 48.546 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071939.D
Acq: 11 Feb 2022 16:19

Tgt Ion:113	Resp:	6339
Ion Ratio	Lower	Upper
113	100	
111	96.4	83.8 125.6
192	17.8	14.6 21.8

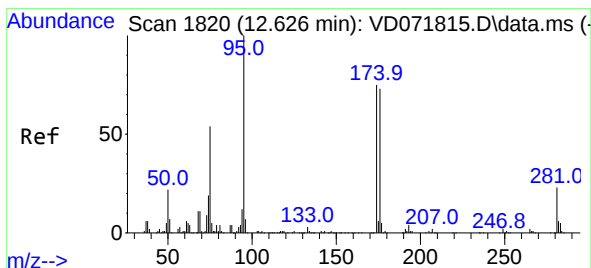
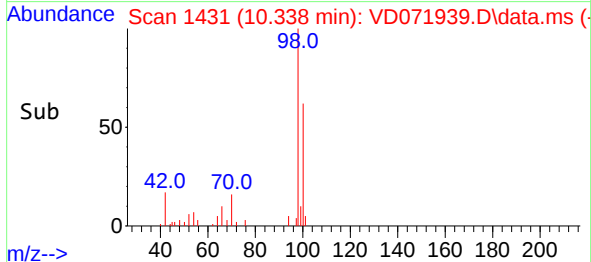
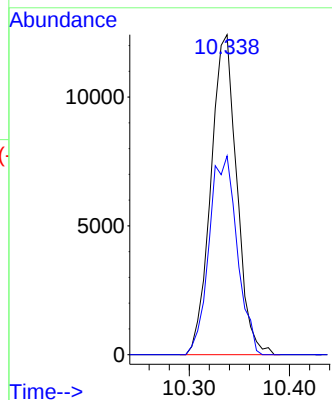
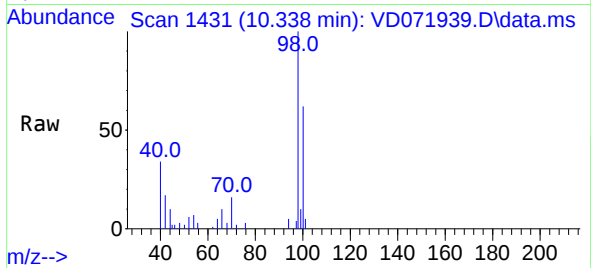




#50
Toluene-d8
Concen: 45.769 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071939.D
Acq: 11 Feb 2022 16:19

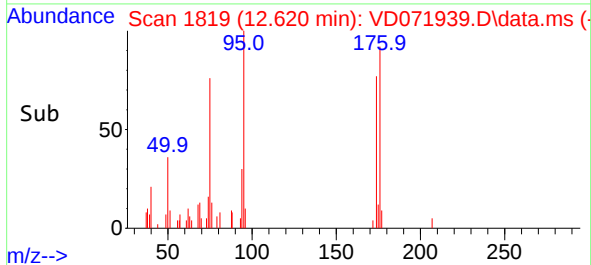
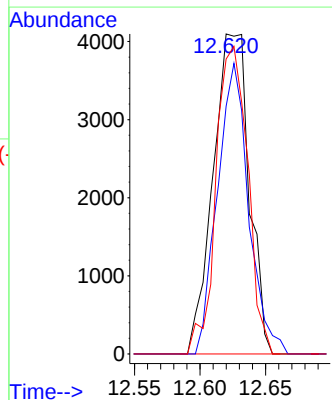
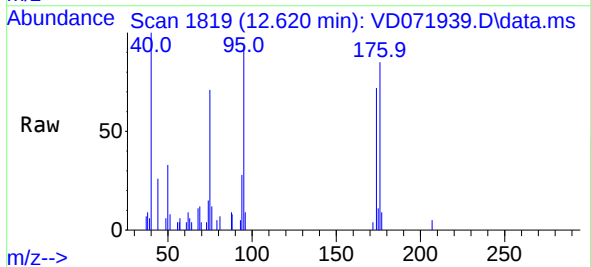
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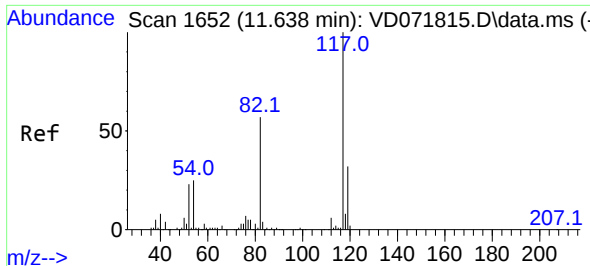
Tgt Ion: 98 Resp: 22320
Ion Ratio Lower Upper
98 100
100 67.0 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 46.160 ug/l
RT: 12.620 min Scan# 1819
Delta R.T. -0.006 min
Lab File: VD071939.D
Acq: 11 Feb 2022 16:19

Tgt Ion: 95 Resp: 7861
Ion Ratio Lower Upper
95 100
174 78.3 0.0 152.8
176 84.3 0.0 145.4

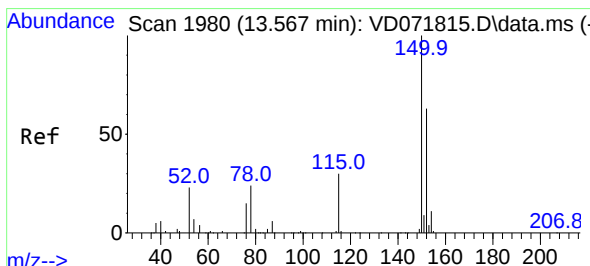
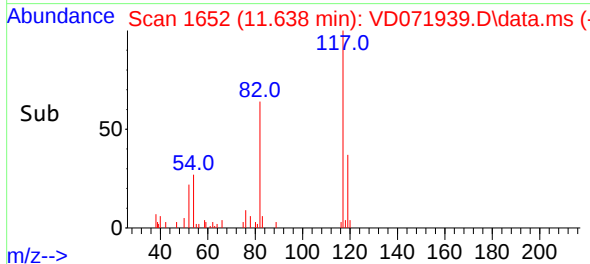
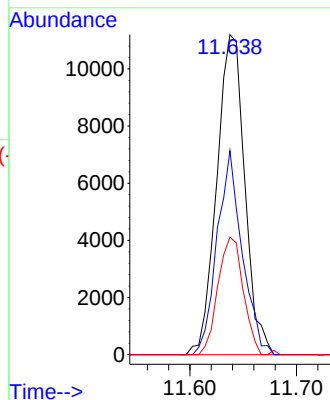
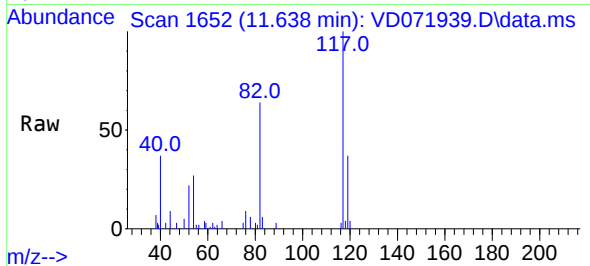




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 11
Delta R.T. -0.000 min
Lab File: VD071939.D
Acq: 11 Feb 2022 16:19

Instrument :
MSVOA_D
ClientSampleId :
SU-03-021022RE

Tgt Ion:	117	Resp:	20433
Ion	Ratio	Lower	Upper
117	100		
82	63.8	45.3	67.9
119	36.8	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: VD071939.D
Acq: 11 Feb 2022 16:19

Tgt Ion:	152	Resp:	8829
Ion	Ratio	Lower	Upper
152	100		
115	61.1	31.3	93.8
150	143.5	0.0	348.6

