

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012722\
 Data File : VD071801.D
 Acq On : 27 Jan 2022 14:58
 Operator : VA/SY
 Sample : N1208-03RE
 Misc : 5.10G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 SP25-07-20220119-26.0-26.5RE

Quant Time: Jan 27 15:59:31 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	7.985	168	14478	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	27890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.637	117	27019	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	10664	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	14719	80.434	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	160.860%
35) Dibromofluoromethane	7.914	113	8712	47.521	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.040%
50) Toluene-d8	10.337	98	34035	49.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.420%
62) 4-Bromofluorobenzene	12.626	95	10801	45.174	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.340%

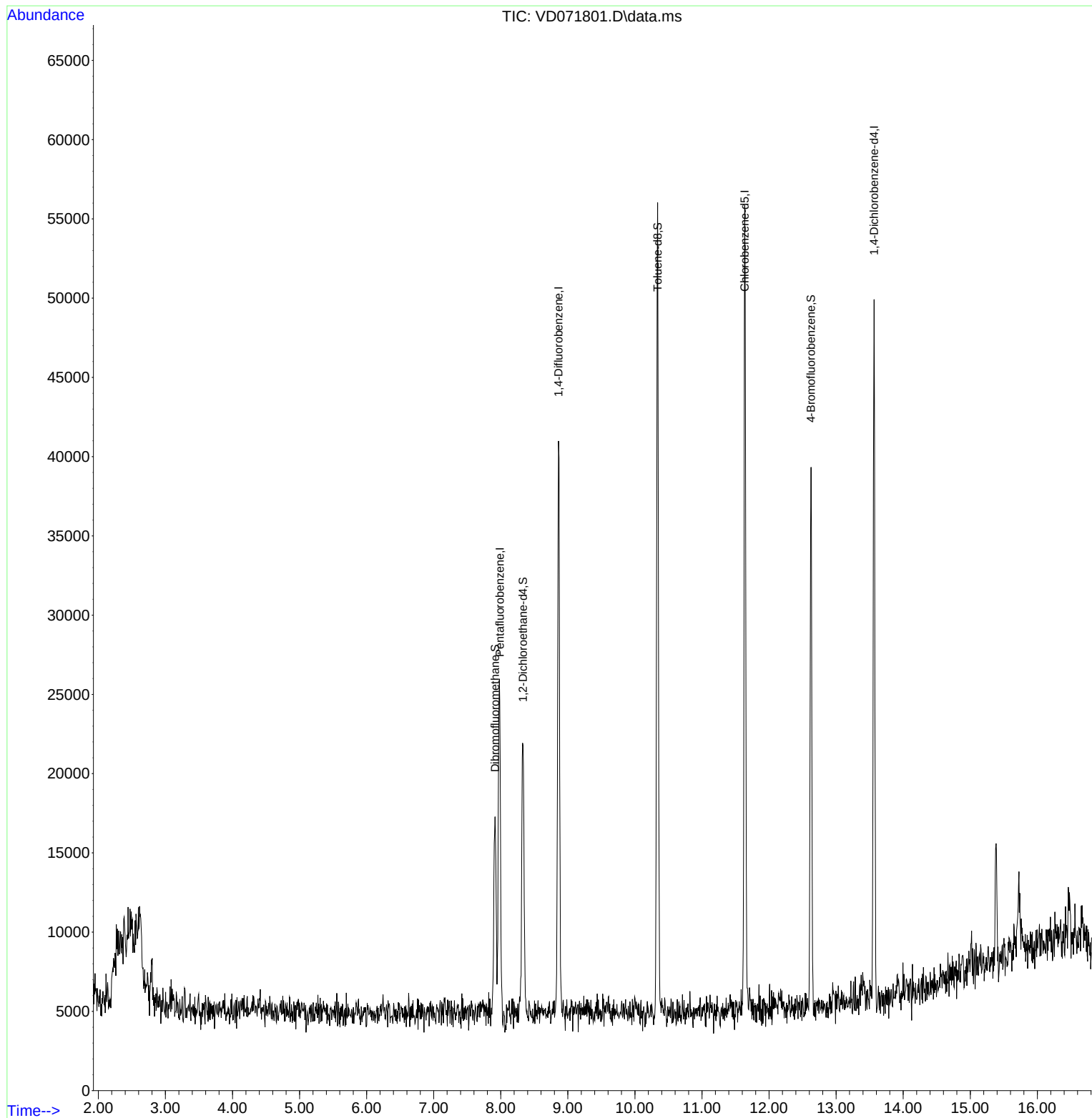
Target Compounds	Qvalue

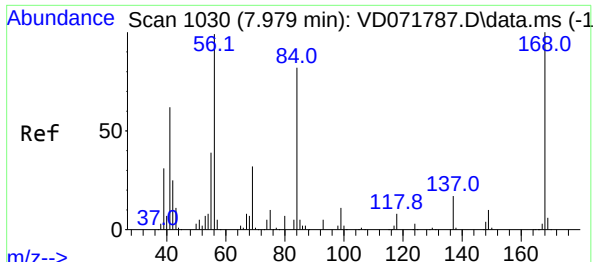
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.985 min Scan# 1030

Delta R.T. 0.006 min

Lab File: VD071801.D

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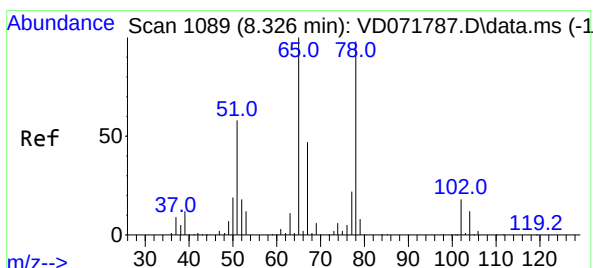
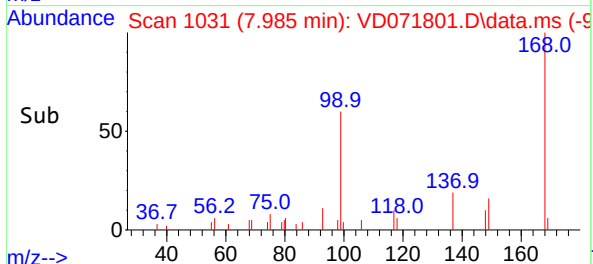
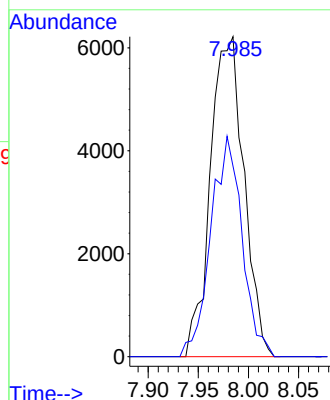
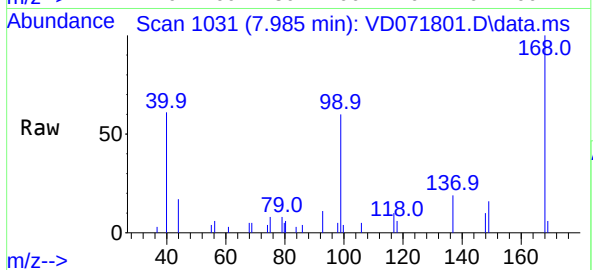
SP25-07-20220119-26.0-26.5RE

Tgt Ion:168 Resp: 14478

Ion Ratio Lower Upper

168 100

99 59.5 49.8 74.6



1,2-Dichloroethane-d4

Concen: 80.434 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071801.D

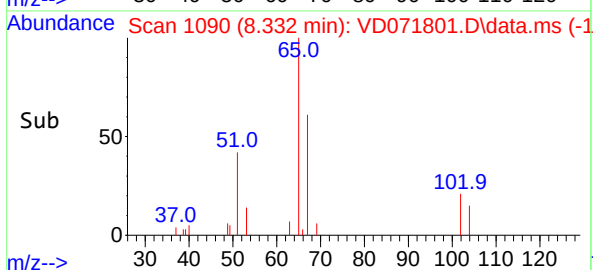
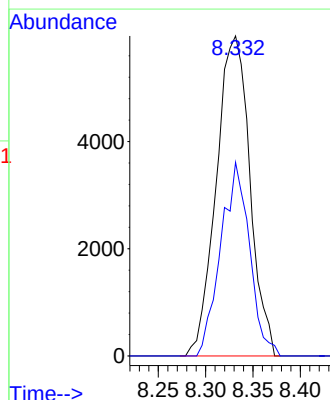
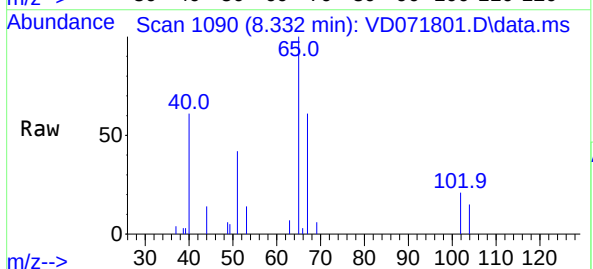
Acq: 27 Jan 2022 14:58

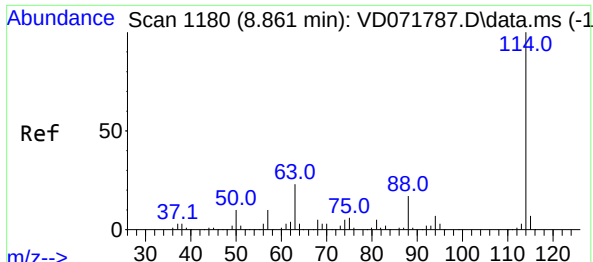
Tgt Ion: 65 Resp: 14719

Ion Ratio Lower Upper

65 100

67 51.8 0.0 101.4

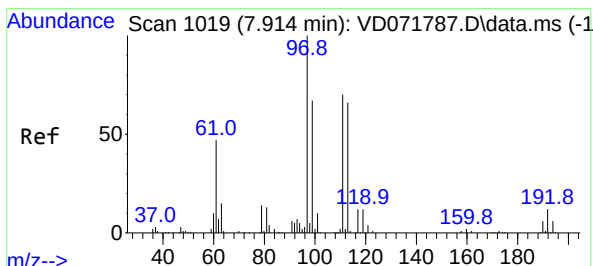
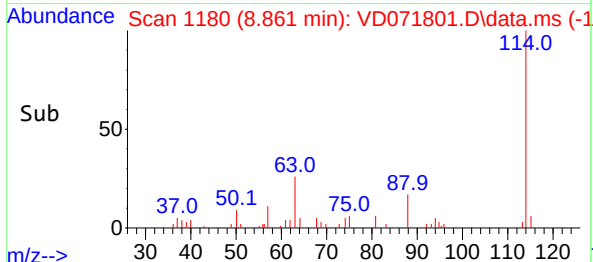
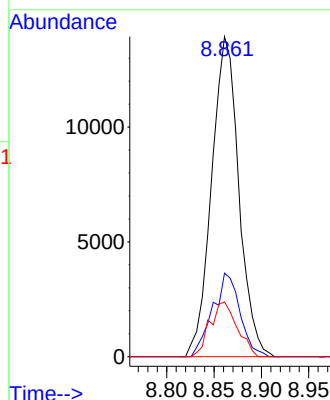
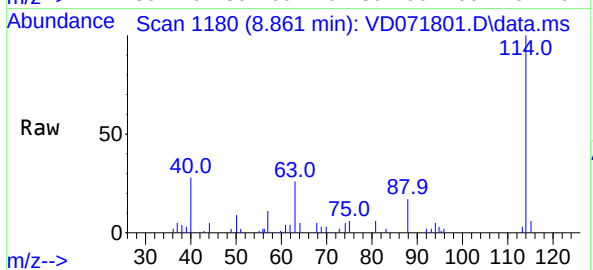




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. -0.000 min
Lab File: VD071801.D
Acq: 27 Jan 2022 14:58

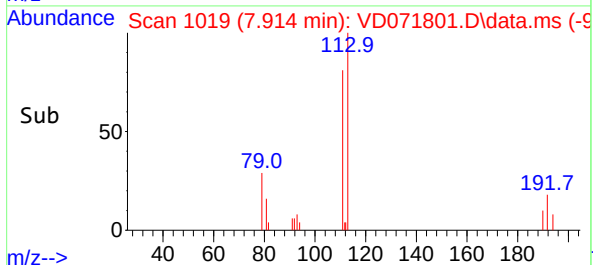
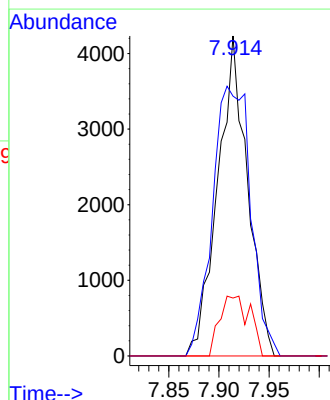
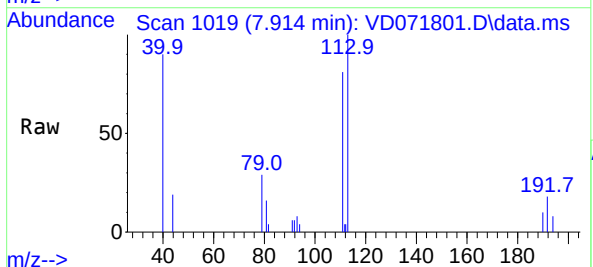
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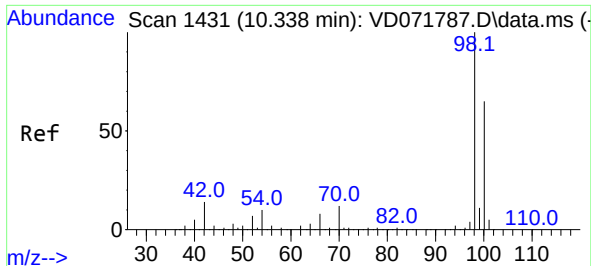
Tgt Ion:114	Resp:	27890
Ion Ratio	Lower	Upper
114	100	
63	26.1	0.0 46.6
88	17.1	0.0 33.2



#35
Dibromofluoromethane
Concen: 47.521 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.000 min
Lab File: VD071801.D
Acq: 27 Jan 2022 14:58

Tgt Ion:113	Resp:	8712
Ion Ratio	Lower	Upper
113	100	
111	108.4	83.8 125.6
192	19.0	14.6 21.8

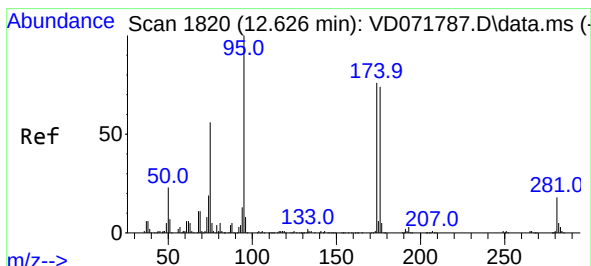
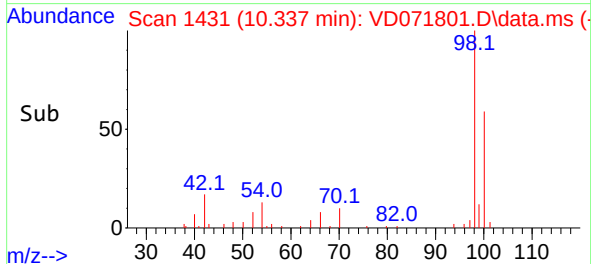
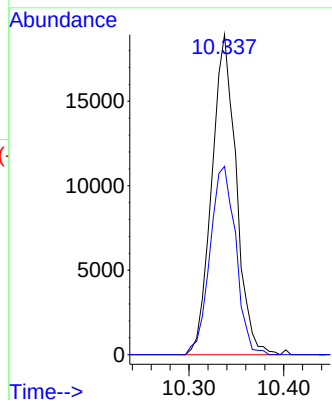
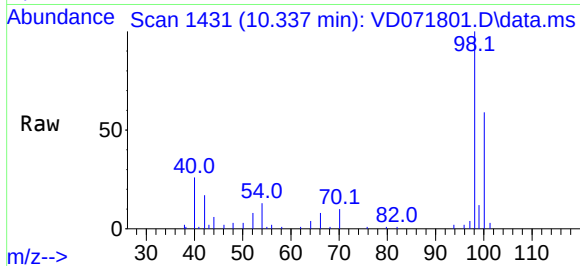




#50
Toluene-d8
Concen: 49.710 ug/l
RT: 10.337 min Scan# 1431
Delta R.T. -0.000 min
Lab File: VD071801.D
Acq: 27 Jan 2022 14:58

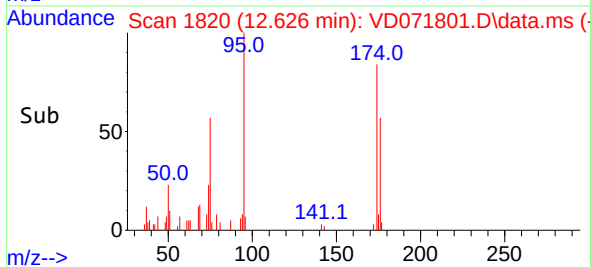
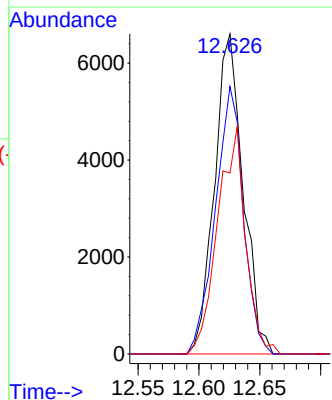
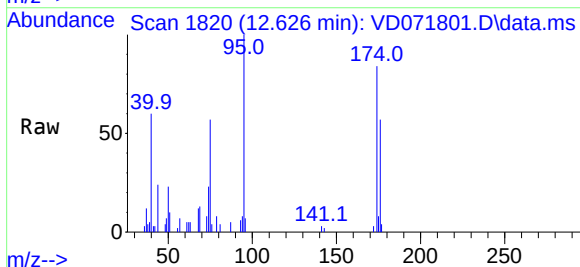
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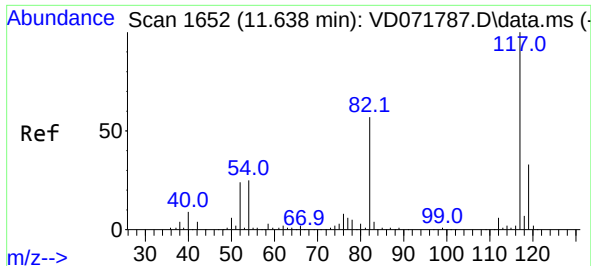
Tgt Ion: 98 Resp: 34035
Ion Ratio Lower Upper
98 100
100 61.9 52.4 78.6



#62
4-Bromofluorobenzene
Concen: 45.174 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071801.D
Acq: 27 Jan 2022 14:58

Tgt Ion: 95 Resp: 10801
Ion Ratio Lower Upper
95 100
174 81.8 0.0 152.8
176 69.1 0.0 145.4

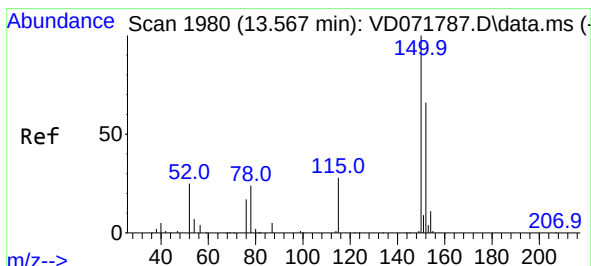
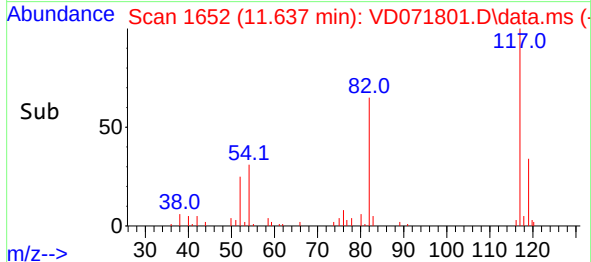
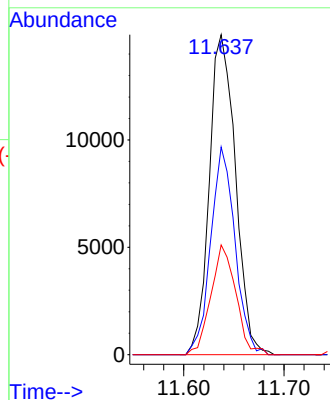
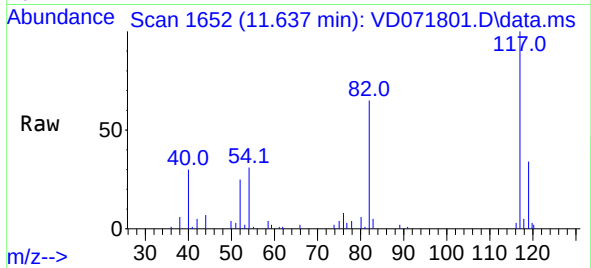




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.637 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VD071801.D
Acq: 27 Jan 2022 14:58

Instrument :
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Tgt Ion:117	Resp:	27019
Ion	Ratio	Lower Upper
117	100	
82	64.9	45.3 67.9
119	34.3	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: VD071801.D
Acq: 27 Jan 2022 14:58

Tgt Ion:152	Resp:	10664
Ion	Ratio	Lower Upper
152	100	
115	63.1	31.3 93.8
150	157.6	0.0 348.6

