

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121021\
 Data File : VD071247.D
 Acq On : 10 Dec 2021 13:08
 Operator : VA/SY
 Sample : M4967-01RE
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 TP-7SRE

Quant Time: Dec 10 15:25:12 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D112921S.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 29 17:54:09 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	21051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	34514	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	40005	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	20015	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	16116	65.24	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.48%
35) Dibromofluoromethane	7.914	113	12058	54.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.72%
50) Toluene-d8	10.332	98	43996	52.60	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.20%
62) 4-Bromofluorobenzene	12.626	95	20560	70.92	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	141.84%

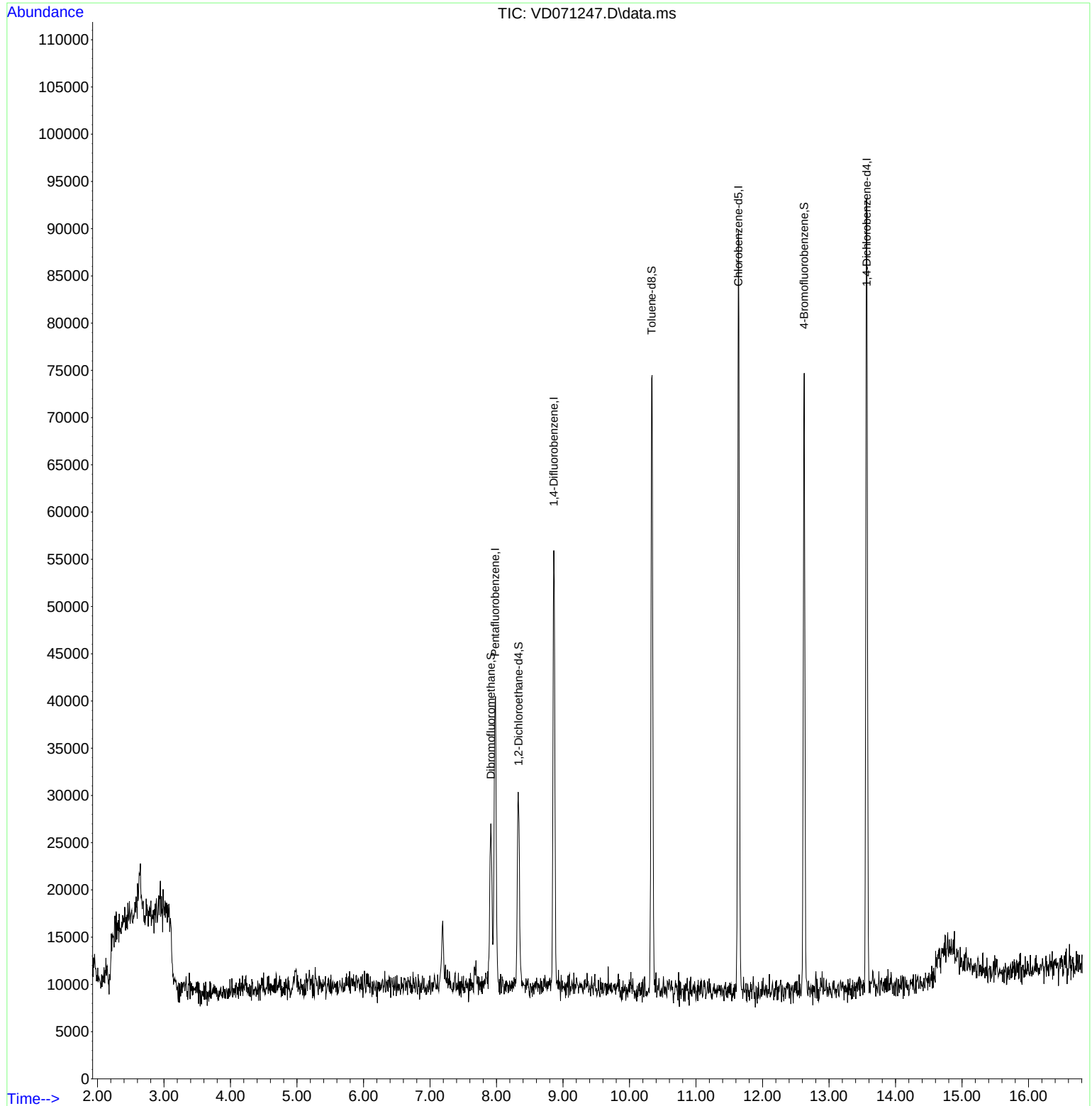
Target Compounds	Qvalue

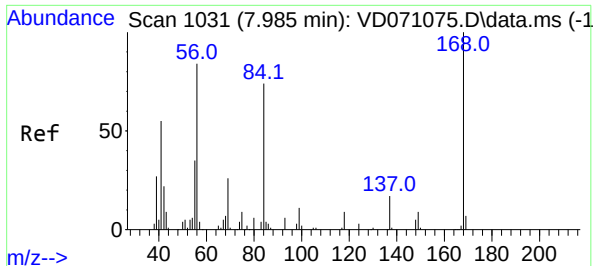
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.00 ug/l

RT: 7.979 min Scan# 1030

Delta R.T. -0.006 min

Lab File: VD071247.D

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ClientSampleId :

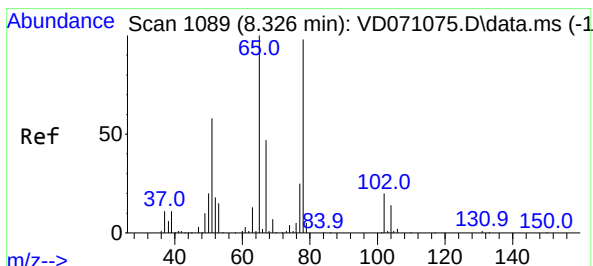
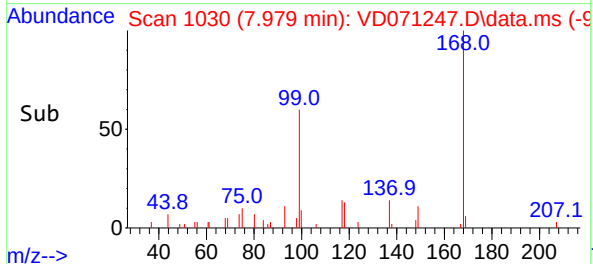
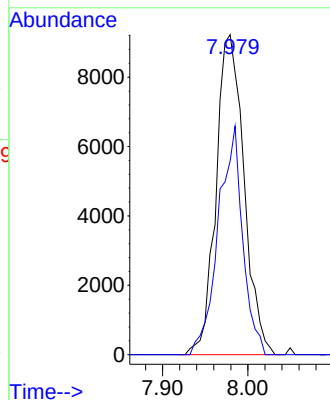
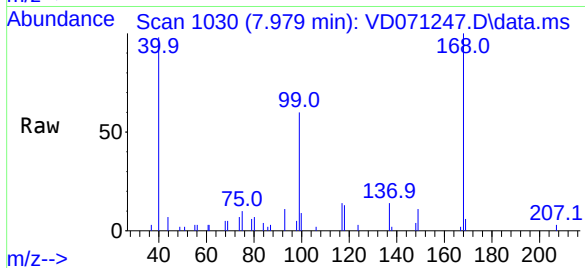
TP-7SRE

Tgt Ion:168 Resp: 21051

Ion Ratio Lower Upper

168 100

99 60.4 46.6 69.8



1,2-Dichloroethane-d4

Concen: 65.24 ug/l

RT: 8.332 min Scan# 1090

Delta R.T. 0.006 min

Lab File: VD071247.D

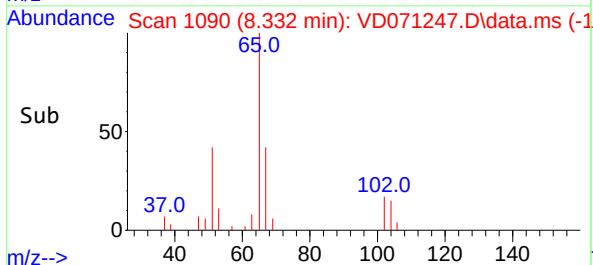
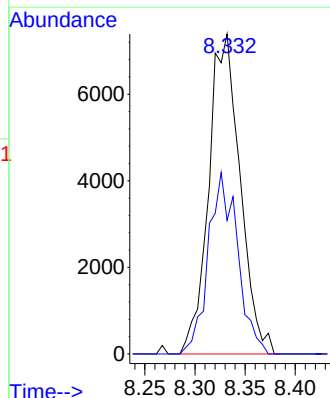
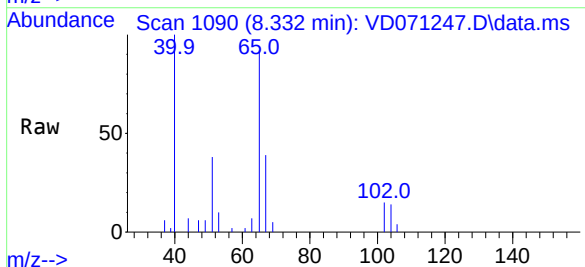
Acq: 10 Dec 2021 13:08

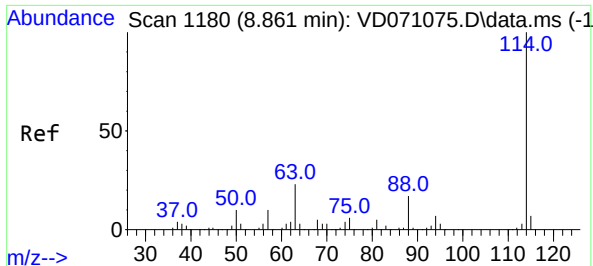
Tgt Ion: 65 Resp: 16116

Ion Ratio Lower Upper

65 100

67 52.5 0.0 112.2

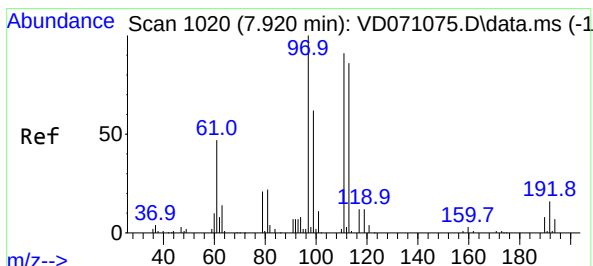
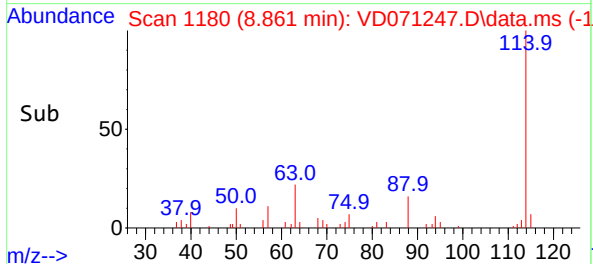
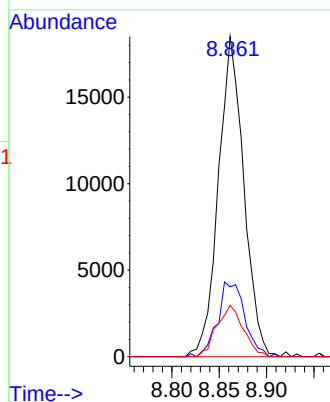
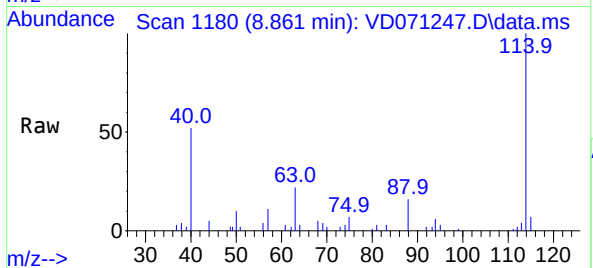




#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.861 min Scan# 1180
Delta R.T. 0.000 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

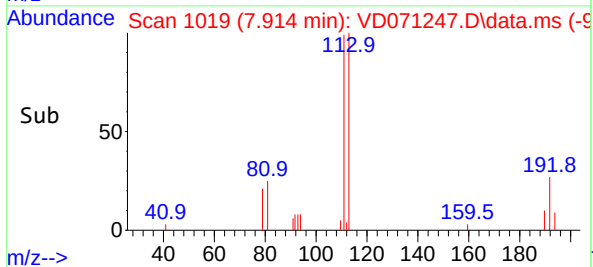
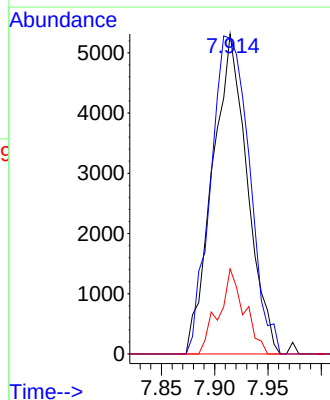
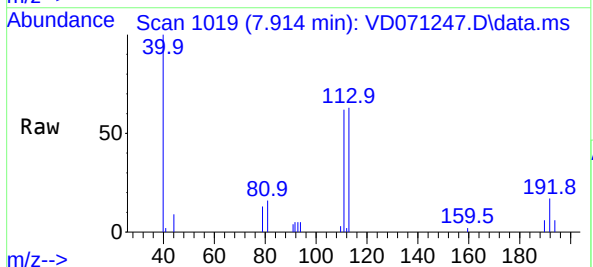
Instrument :
MSVOA_D
ClientSampleId :
TP-7SRE

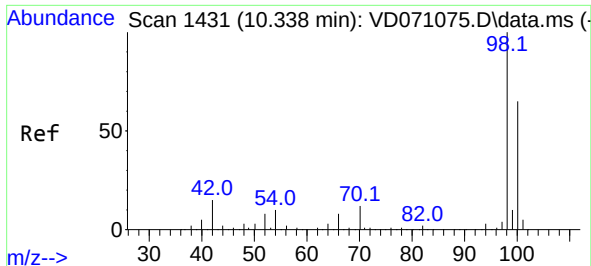
Tgt Ion:114 Resp: 34514
Ion Ratio Lower Upper
114 100
63 21.8 0.0 41.8
88 16.1 0.0 32.8



#35
Dibromofluoromethane
Concen: 54.86 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.006 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

Tgt Ion:113 Resp: 12058
Ion Ratio Lower Upper
113 100
111 110.2 82.0 123.0
192 19.6 15.2 22.8

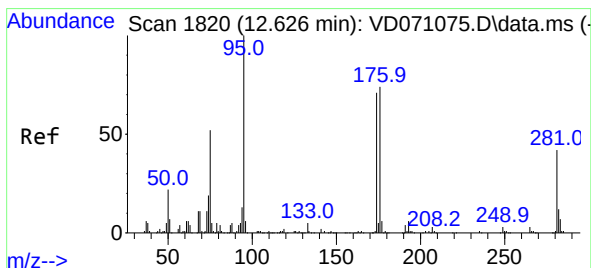
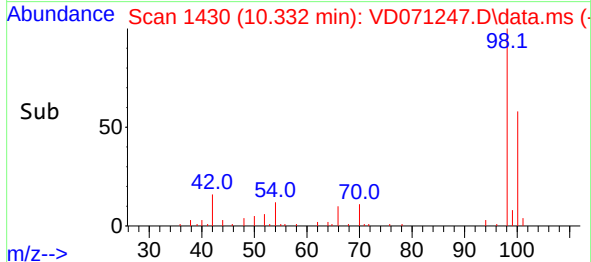
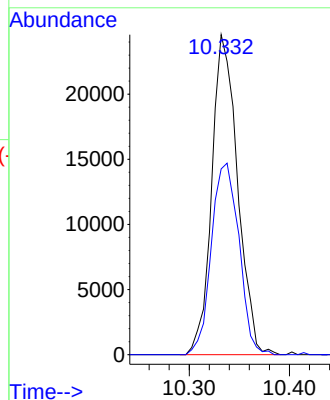
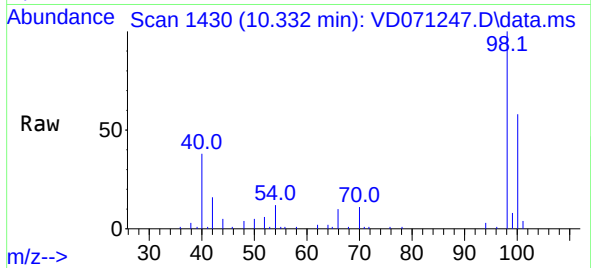




#50
Toluene-d8
Concen: 52.60 ug/l
RT: 10.332 min Scan# 1431
Delta R.T. -0.006 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

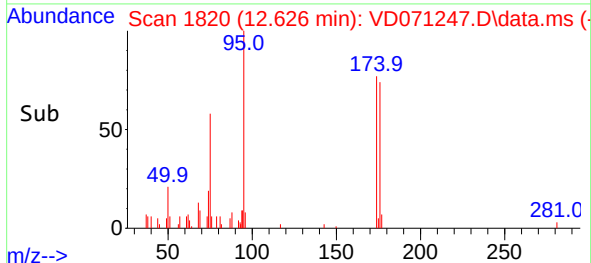
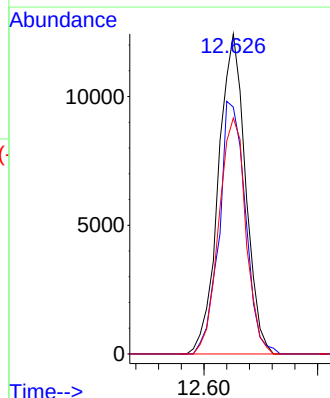
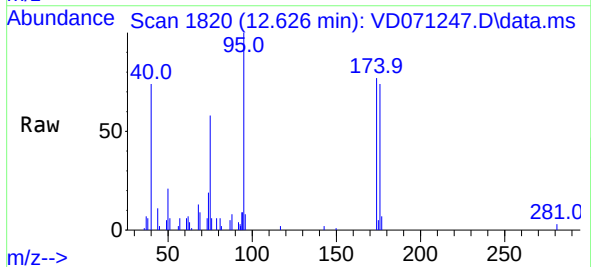
Instrument :
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TP-7SRE

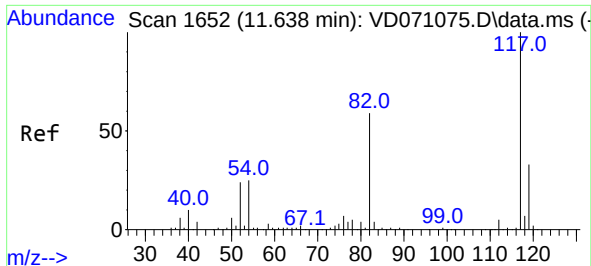
Tgt Ion: 98 Resp: 43996
Ion Ratio Lower Upper
98 100
100 64.0 51.8 77.6



#62
4-Bromofluorobenzene
Concen: 70.92 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

Tgt Ion: 95 Resp: 20560
Ion Ratio Lower Upper
95 100
174 76.6 0.0 159.4
176 73.4 0.0 154.0

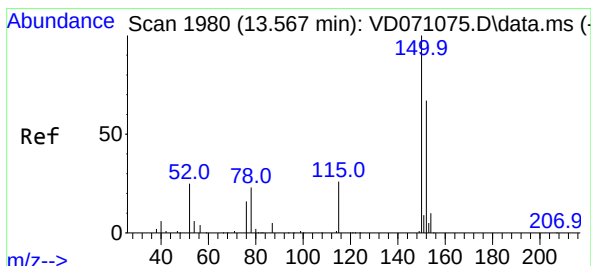
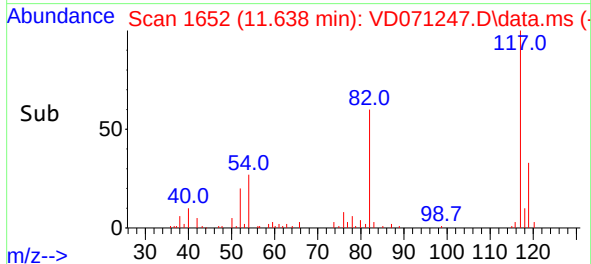
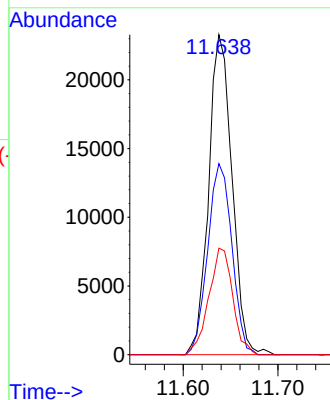
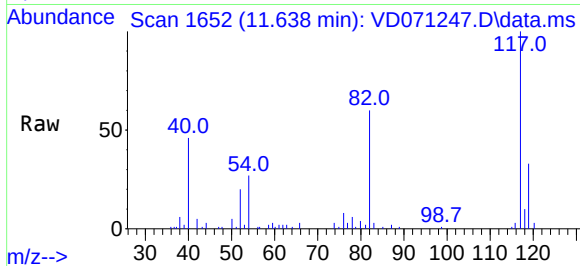




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.638 min Scan# 117
Delta R.T. -0.000 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

Instrument :
MSVOA_D
ClientSampleId :
TP-7SRE

Tgt Ion:117	Resp:	40005
Ion	Ratio	Lower Upper
117	100	
82	59.7	44.7 67.1
119	33.3	26.2 39.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. 0.000 min
Lab File: VD071247.D
Acq: 10 Dec 2021 13:08

Tgt Ion:152	Resp:	20015
Ion	Ratio	Lower Upper
152	100	
115	63.2	29.8 89.3
150	162.2	0.0 349.2

