

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051921\
 Data File : VD069192.D
 Acq On : 19 May 2021 13:07
 Operator : VA/SY
 Sample : M2439-01
 Misc : 7.61G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 RO-72-11939

Quant Time: May 20 01:00:29 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051221S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 13 04:01:29 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.985	168	172901	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	322049	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.644	117	302923	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.573	152	136987	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	121299	69.98	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.96%
35) Dibromofluoromethane	7.914	113	120443	57.47	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.94%
50) Toluene-d8	10.338	98	399761	51.91	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	103.82%
62) 4-Bromofluorobenzene	12.626	95	141290	57.02	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	114.04%

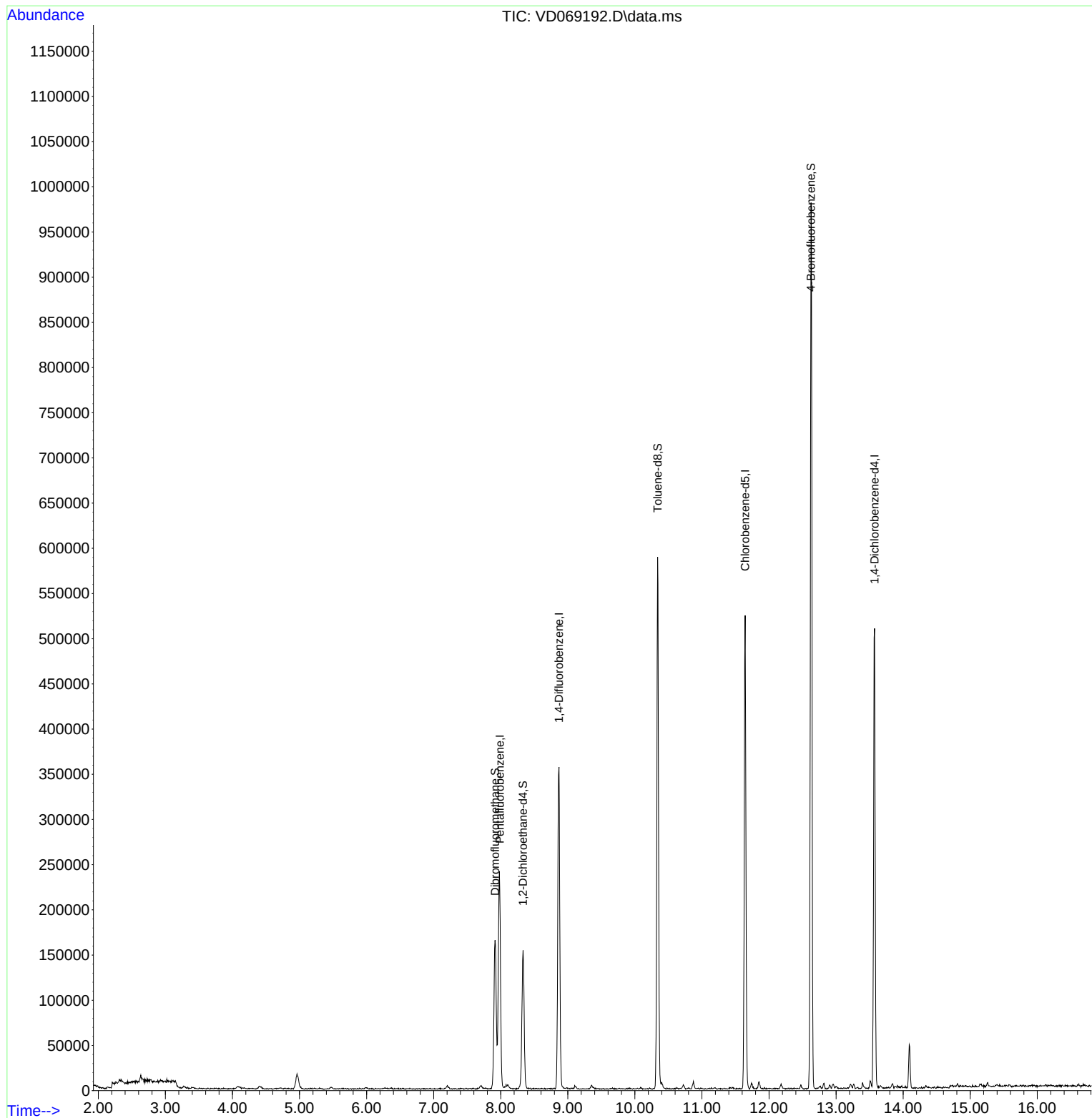
Target Compounds	Qvalue
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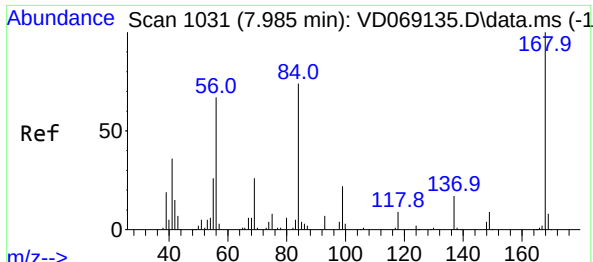
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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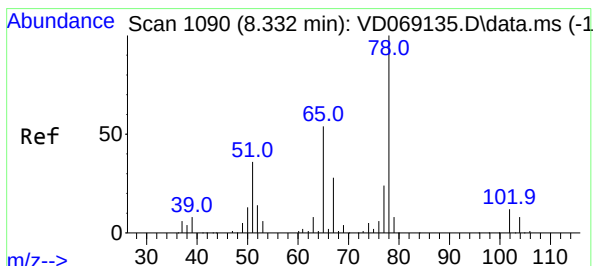
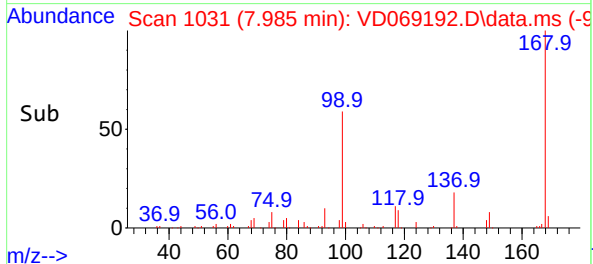
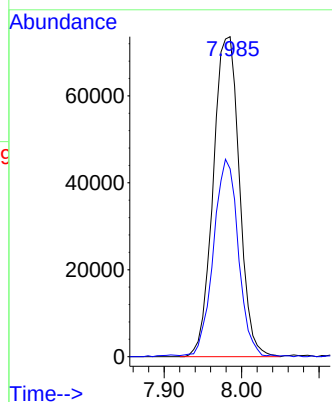
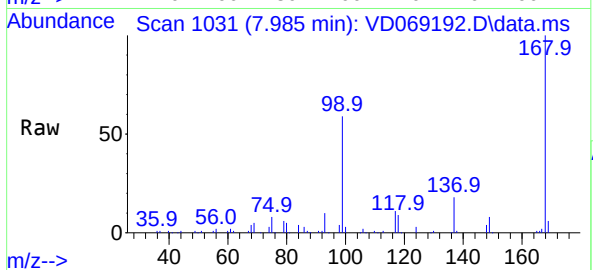




Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.985 min Scan# 1031
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

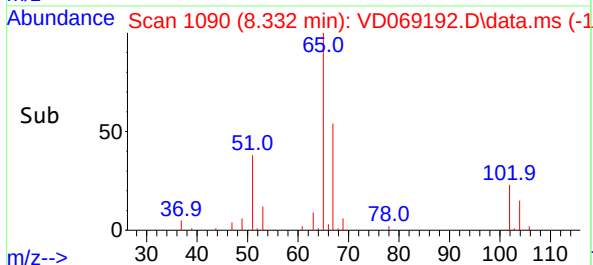
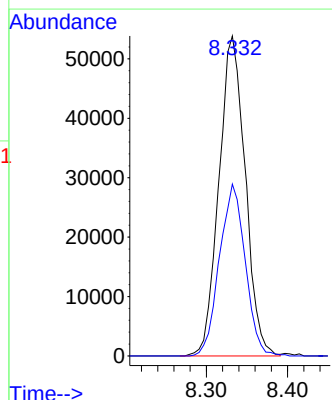
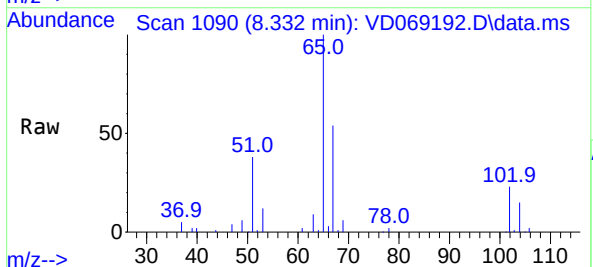
Instrument :
MSVOA_D
ClientSampleId :
RO-72-11939

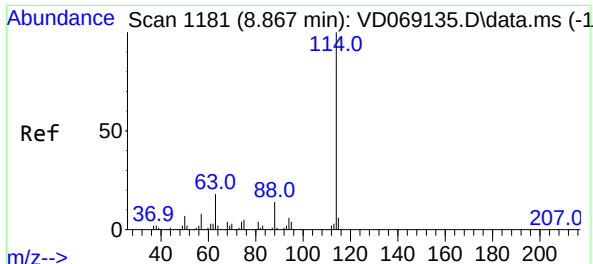
Tgt Ion:168 Resp: 172901
Ion Ratio Lower Upper
168 100
99 58.4 47.2 70.8



1,2-Dichloroethane-d4
Concen: 69.98 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

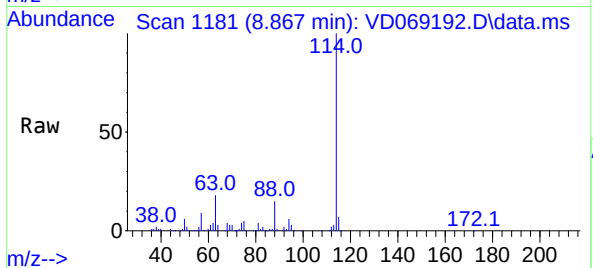
Tgt Ion: 65 Resp: 121299
Ion Ratio Lower Upper
65 100
67 52.6 0.0 108.0



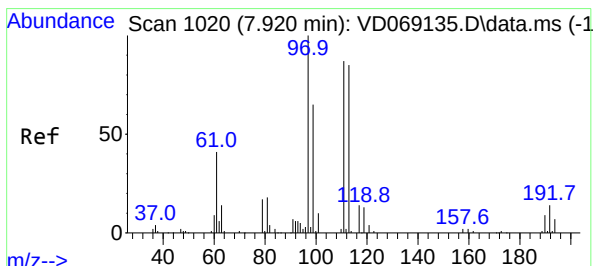
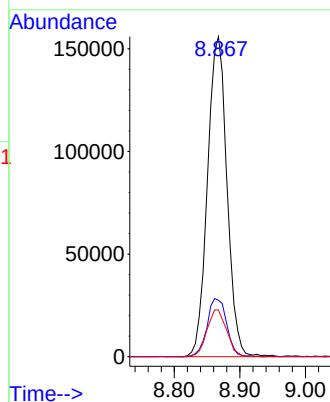
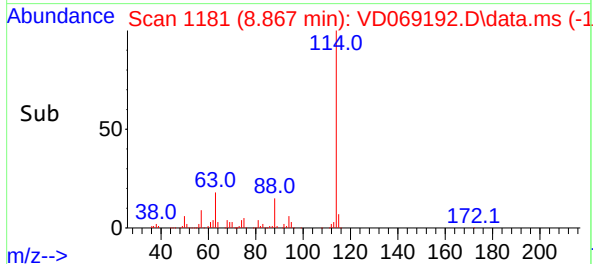


#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.867 min Scan# 1181
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

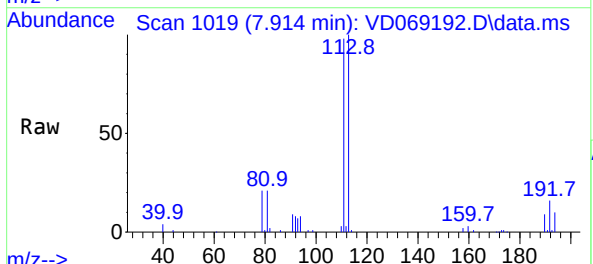
Instrument :
MSVOA_D
ClientSampleId :
RO-72-11939



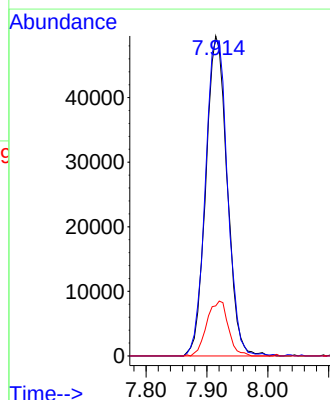
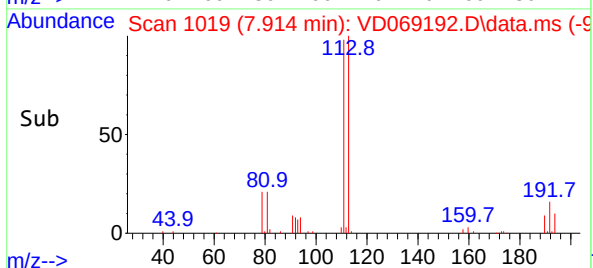
Tgt Ion:114 Resp: 322049
Ion Ratio Lower Upper
114 100
63 17.7 0.0 36.4
88 14.6 0.0 28.2

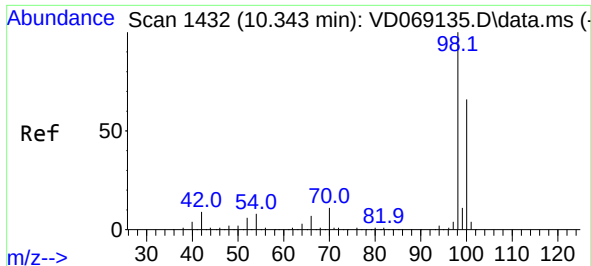


#35
Dibromofluoromethane
Concen: 57.47 ug/l
RT: 7.914 min Scan# 1019
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07



Tgt Ion:113 Resp: 120443
Ion Ratio Lower Upper
113 100
111 102.7 80.6 120.8
192 17.3 14.8 22.2

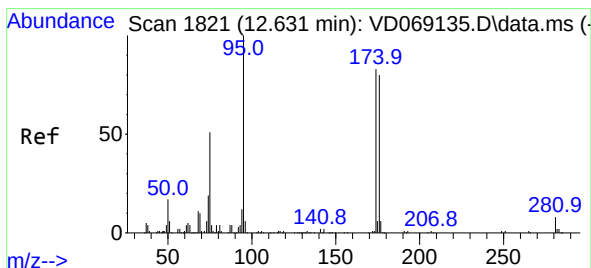
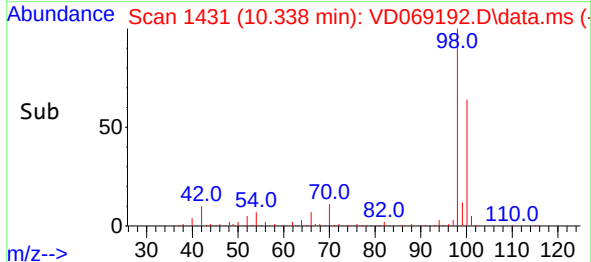
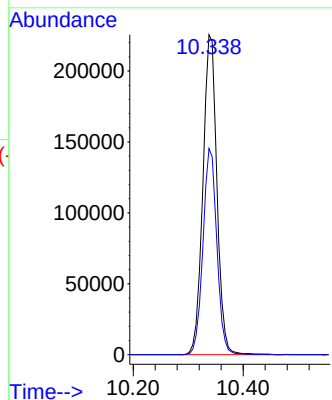
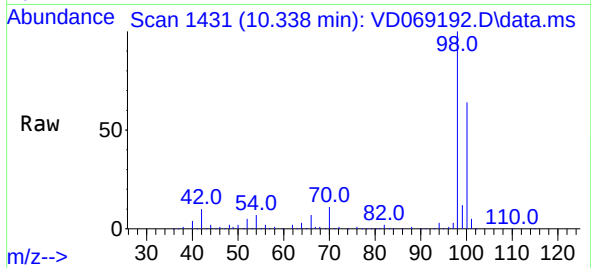




#50
Toluene-d8
Concen: 51.91 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

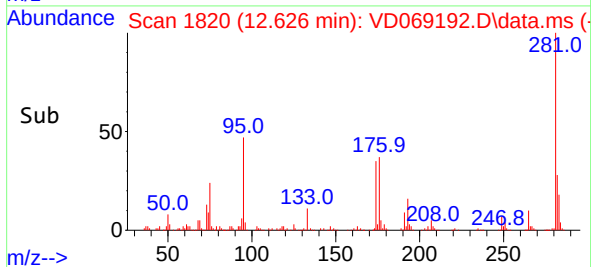
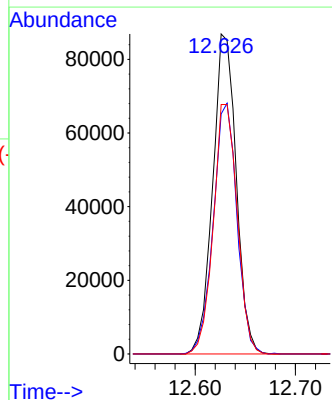
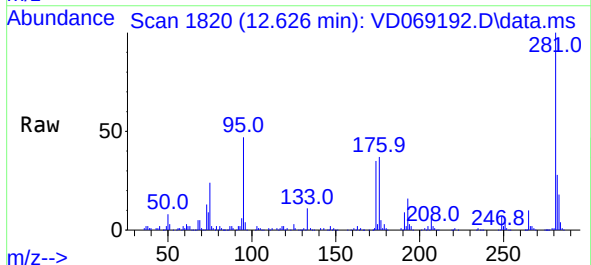
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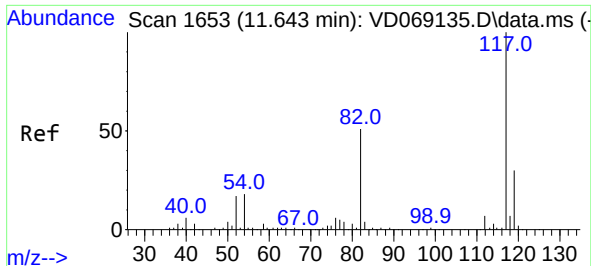
Tgt Ion: 98 Resp: 399761
Ion Ratio Lower Upper
98 100
100 63.7 51.8 77.8



#62
4-Bromofluorobenzene
Concen: 57.02 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.005 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion: 95 Resp: 141290
Ion Ratio Lower Upper
95 100
174 79.0 0.0 171.8
176 79.2 0.0 165.4

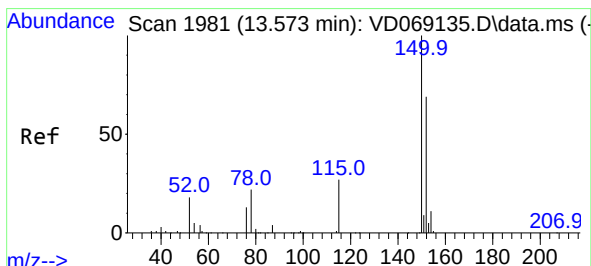
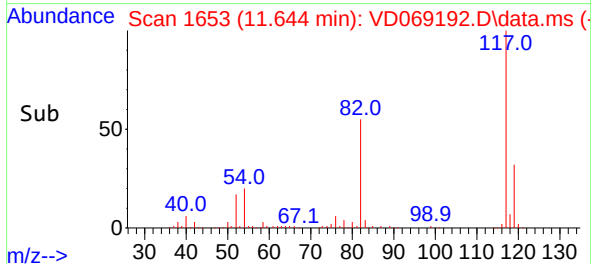
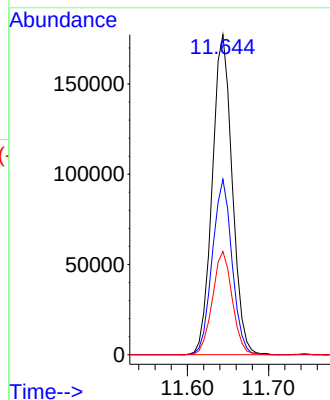
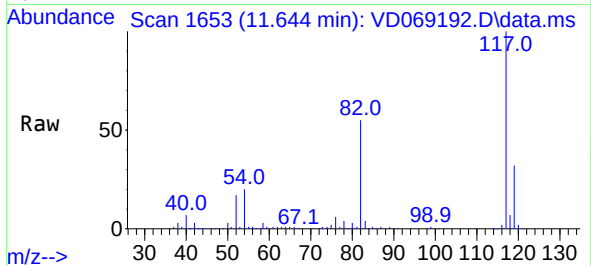




#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.644 min Scan# 1653
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Instrument :
MSVOA_D
ClientSampleId :
RO-72-11939

Tgt Ion:117 Resp: 302923
Ion Ratio Lower Upper
117 100
82 54.8 40.5 60.7
119 32.2 24.2 36.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 13.573 min Scan# 1981
Delta R.T. 0.000 min
Lab File: VD069192.D
Acq: 19 May 2021 13:07

Tgt Ion:152 Resp: 136987
Ion Ratio Lower Upper
152 100
115 58.9 29.9 89.8
150 157.3 0.0 350.2

