

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD012422\
 Data File : VD071773.D
 Acq On : 24 Jan 2022 12:21
 Operator : VA/SY
 Sample : VD0124SBL01
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VD0124SBL01

Quant Time: Jan 25 04:10:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D010722S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 07 15:39:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	254175	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.867	114	452115	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	413524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	183797	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	182527	55.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.620%
35) Dibromofluoromethane	7.914	113	156486	52.373	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.740%
50) Toluene-d8	10.338	98	554885	49.611	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.220%
62) 4-Bromofluorobenzene	12.626	95	184352	46.775	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	93.560%

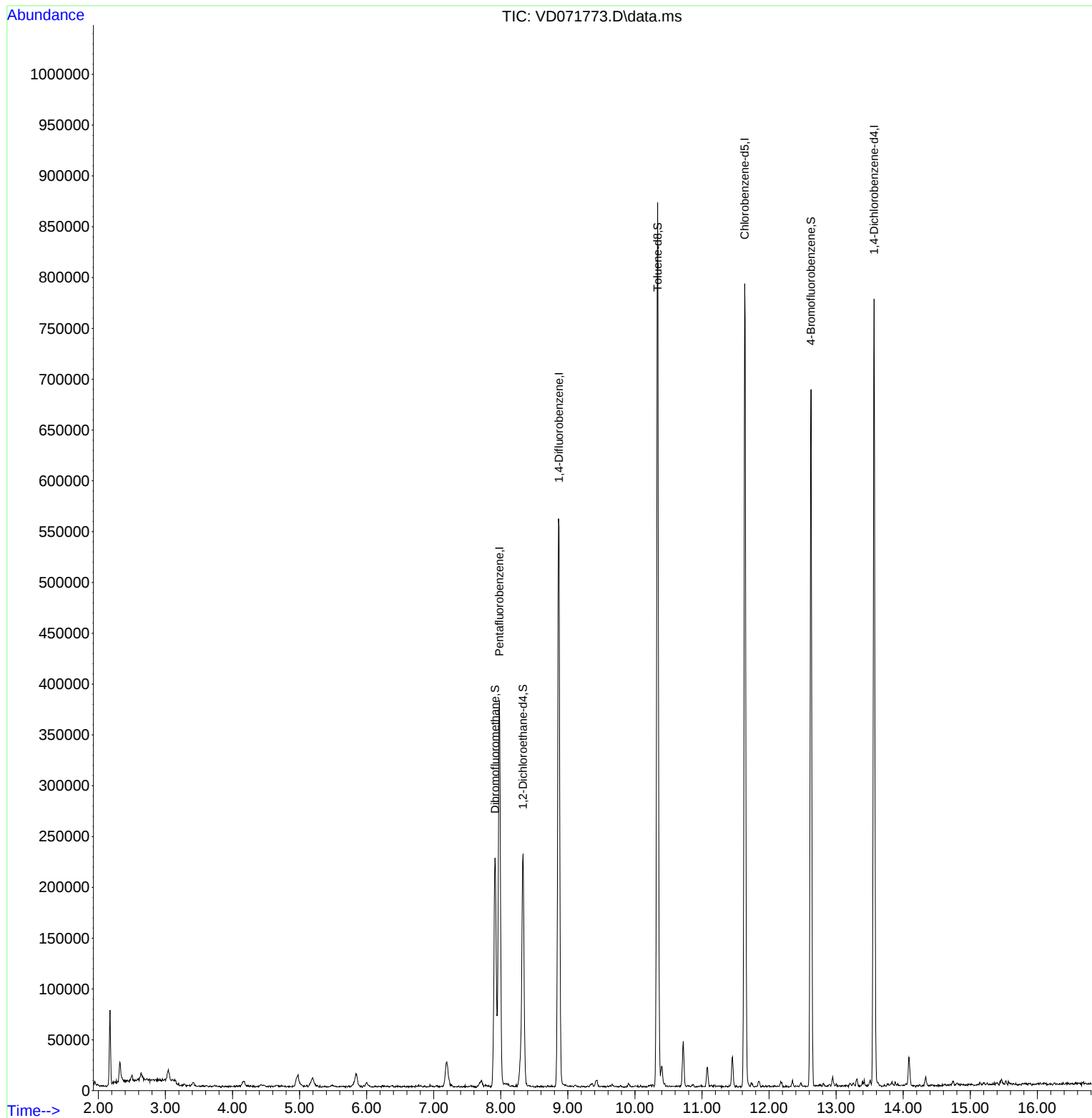
Target Compounds	Qvalue

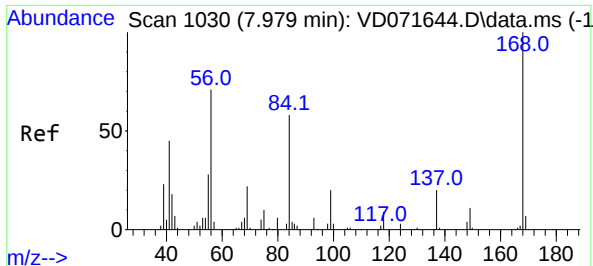
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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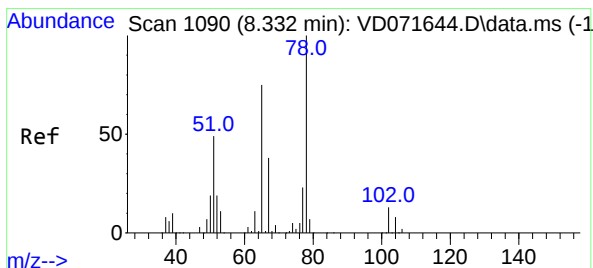
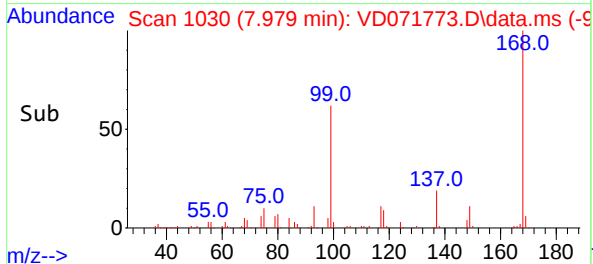
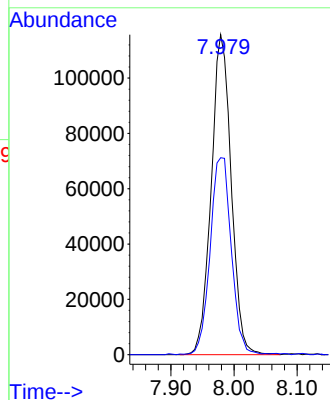
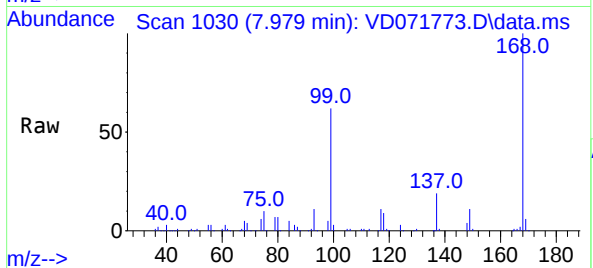




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.979 min Scan# 1030
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

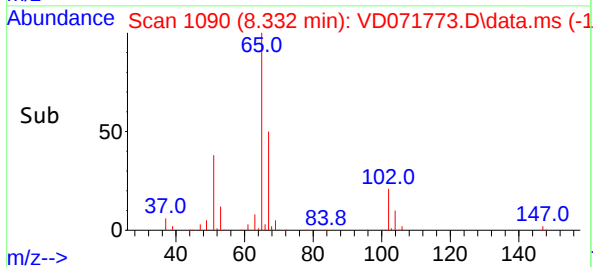
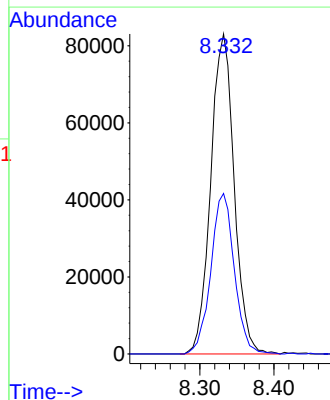
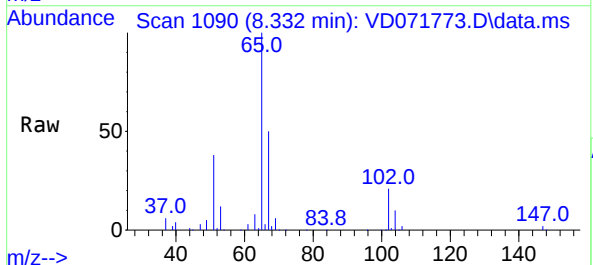
Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

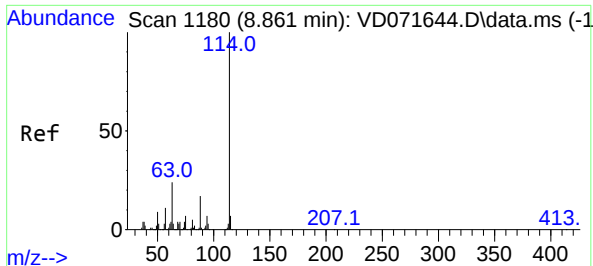
Tgt Ion:168 Resp: 254175
Ion Ratio Lower Upper
168 100
99 61.3 51.8 77.6



#33
1,2-Dichloroethane-d4
Concen: 55.810 ug/l
RT: 8.332 min Scan# 1090
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 65 Resp: 182527
Ion Ratio Lower Upper
65 100
67 50.3 0.0 101.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.867 min Scan# 1180

Delta R.T. 0.000 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

Instrument :

MSVOA_D

ClientSampleId :

VD0124SBL01

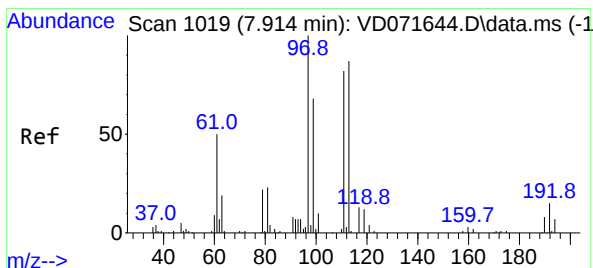
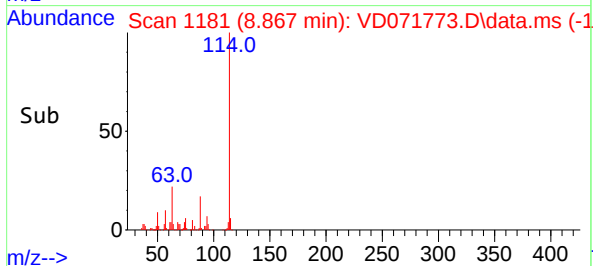
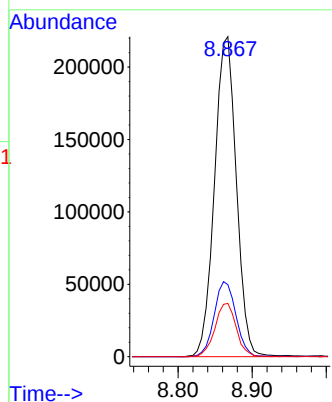
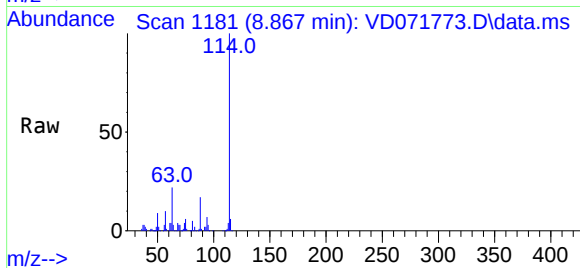
Tgt Ion:114 Resp: 452115

Ion Ratio Lower Upper

114 100

63 22.5 0.0 46.2

88 16.7 0.0 32.0



#35

Dibromofluoromethane

Concen: 52.373 ug/l

RT: 7.914 min Scan# 1019

Delta R.T. 0.000 min

Lab File: VD071773.D

Acq: 24 Jan 2022 12:21

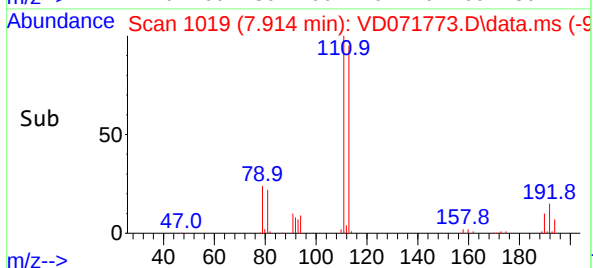
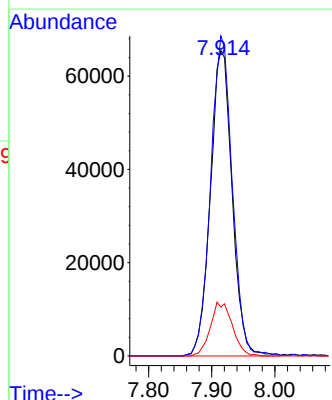
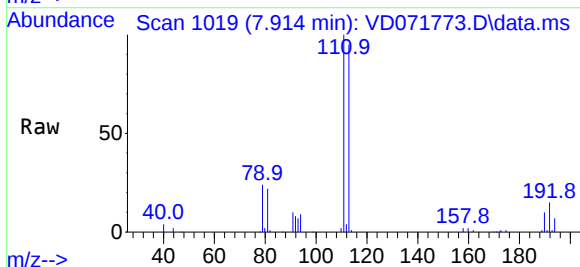
Tgt Ion:113 Resp: 156486

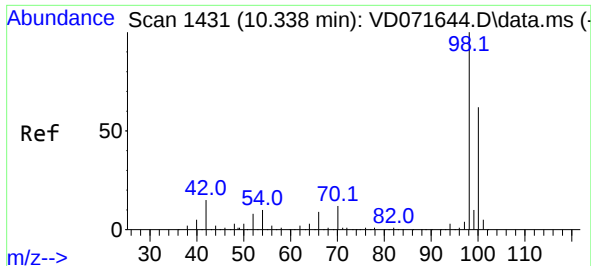
Ion Ratio Lower Upper

113 100

111 104.5 82.2 123.4

192 17.8 14.2 21.2

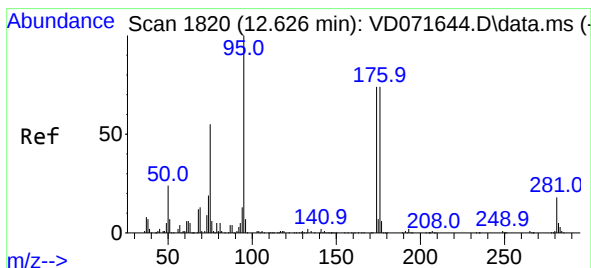
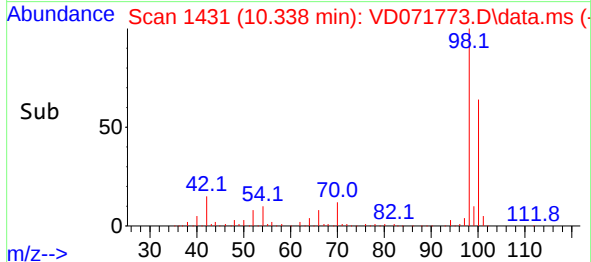
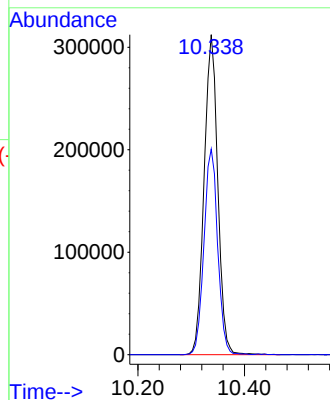
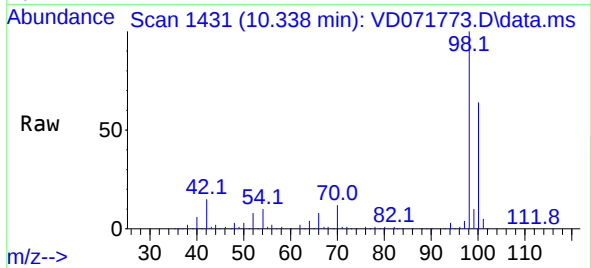




#50
Toluene-d8
Concen: 49.611 ug/l
RT: 10.338 min Scan# 1431
Delta R.T. 0.001 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

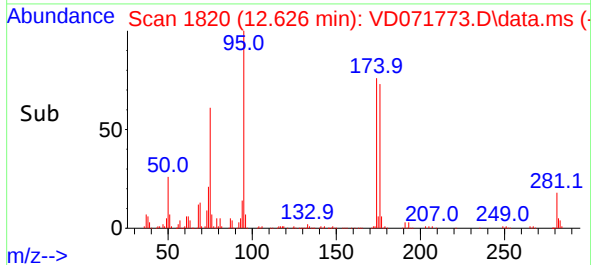
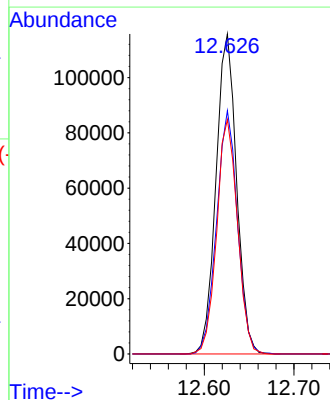
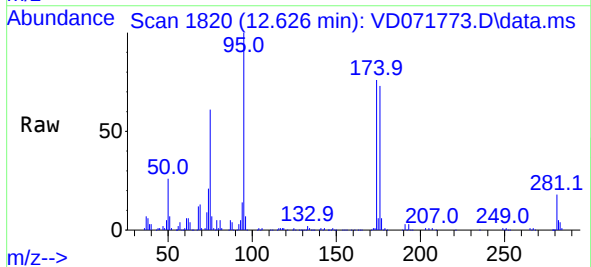
Instrument :
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VD0124SBL01

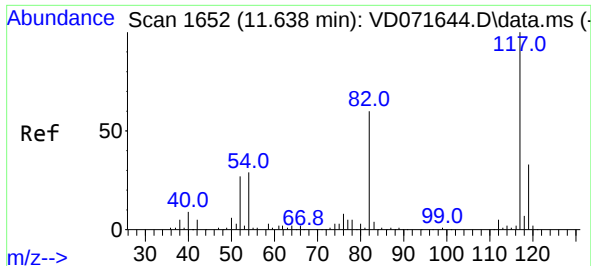
Tgt Ion: 98 Resp: 554885
Ion Ratio Lower Upper
98 100
100 64.5 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.775 ug/l
RT: 12.626 min Scan# 1820
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion: 95 Resp: 184352
Ion Ratio Lower Upper
95 100
174 77.1 0.0 150.0
176 73.7 0.0 146.4

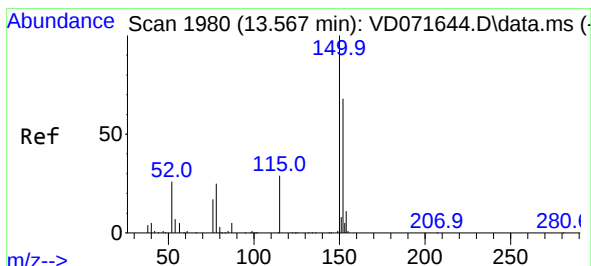
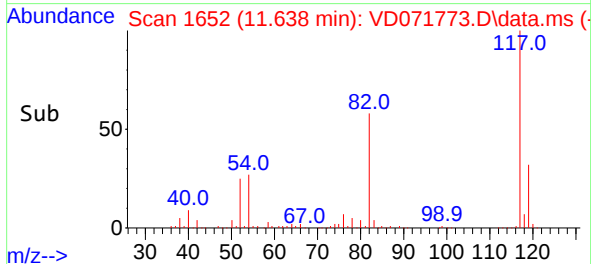
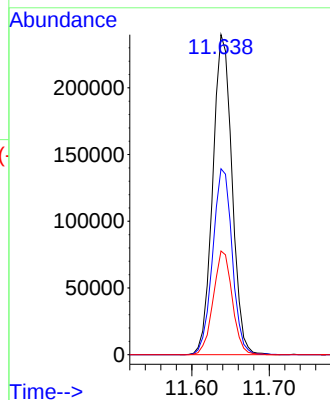
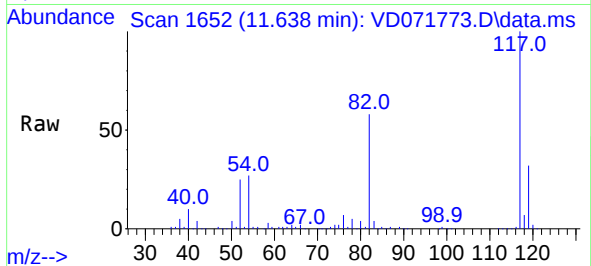




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.638 min Scan# 117
Delta R.T. 0.001 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Instrument :
MSVOA_D
ClientSampleId :
VD0124SBL01

Tgt Ion:117 Resp: 413524
Ion Ratio Lower Upper
117 100
82 58.1 46.9 70.3
119 32.4 26.6 39.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.567 min Scan# 1980
Delta R.T. -0.000 min
Lab File: VD071773.D
Acq: 24 Jan 2022 12:21

Tgt Ion:152 Resp: 183797
Ion Ratio Lower Upper
152 100
115 62.3 31.5 94.5
150 158.5 0.0 348.0

