

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN022322\
 Data File : VN071041.D
 Acq On : 23 Feb 2022 18:33
 Operator : JC\MD
 Sample : N1642-04 50X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 31456

Quant Time: Feb 24 00:41:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	859723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1350494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1208308	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.674	152	421935	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	510134	51.944	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	103.880%
35) Dibromofluoromethane	8.022	113	398529	49.613	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	99.220%
50) Toluene-d8	10.439	98	1646284	51.034	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.727	95	554433	48.083	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	96.160%

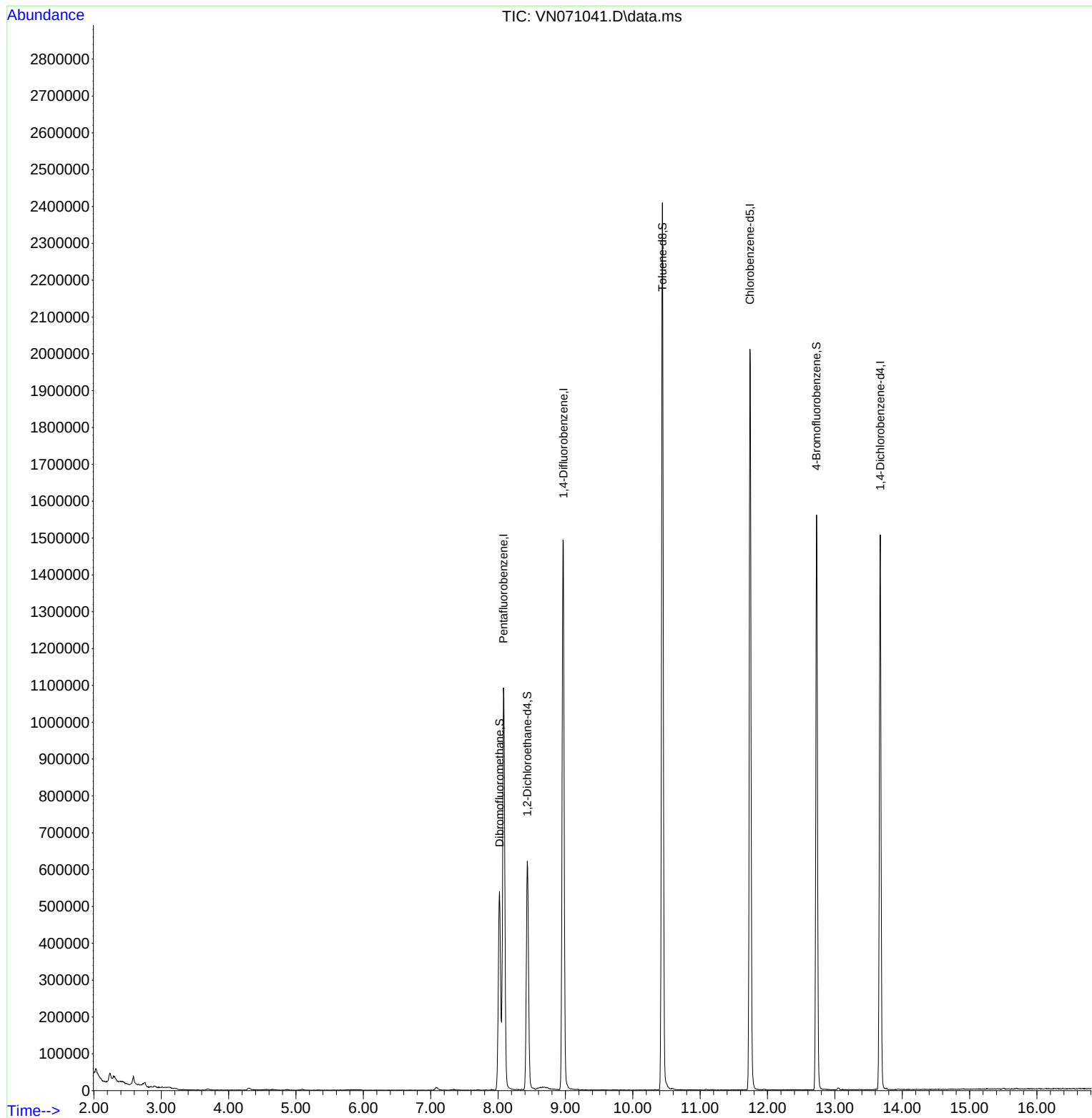
Target Compounds	Qvalue

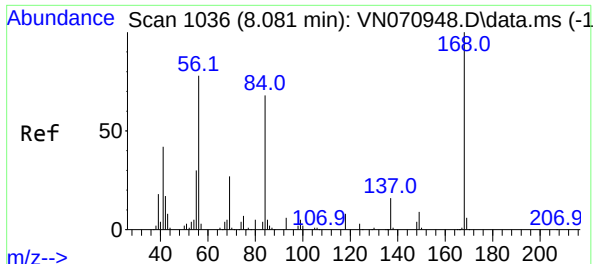
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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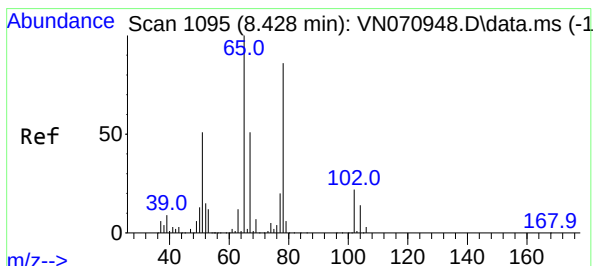
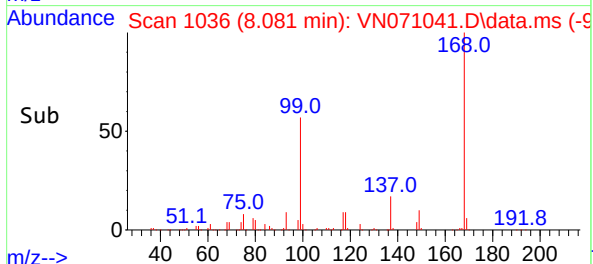
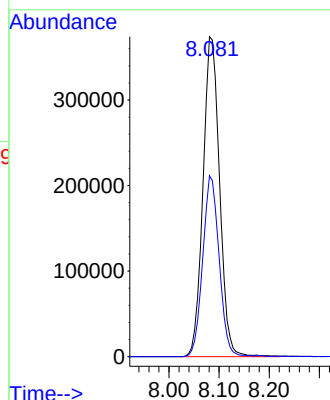
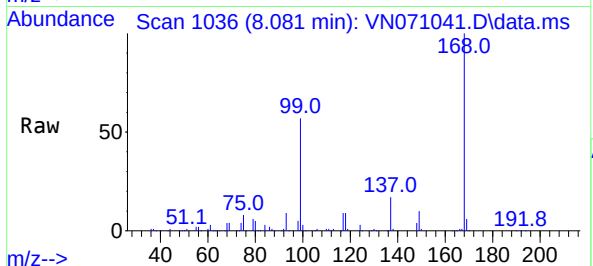




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

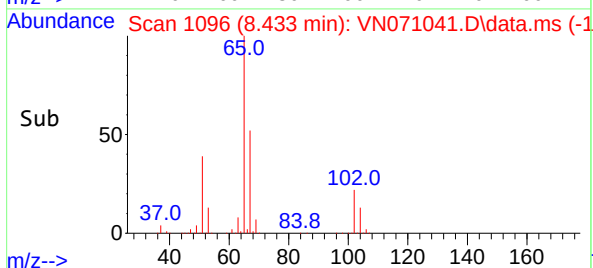
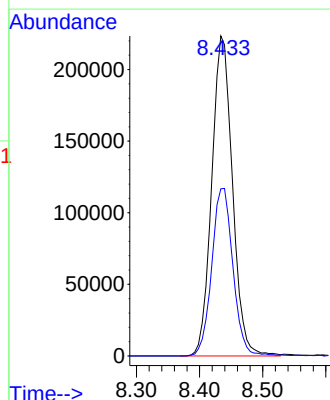
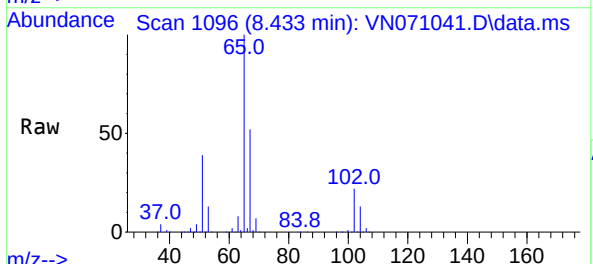
Instrument :
MSVOA_N
ClientSampleId :
31456

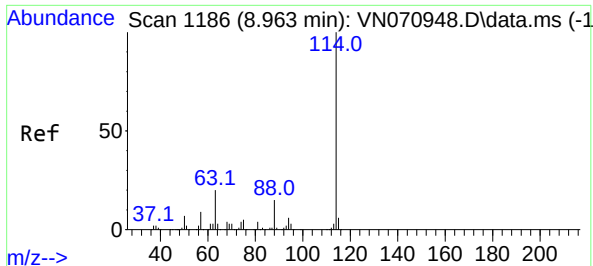
Tgt Ion:168 Resp: 859723
Ion Ratio Lower Upper
168 100
99 56.5 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 51.944 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. 0.006 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

Tgt Ion: 65 Resp: 510134
Ion Ratio Lower Upper
65 100
67 53.5 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1187

Delta R.T. 0.006 min

Lab File: VN071041.D

Acq: 23 Feb 2022 18:33

Instrument :

MSVOA_N

ClientSampleId :

31456

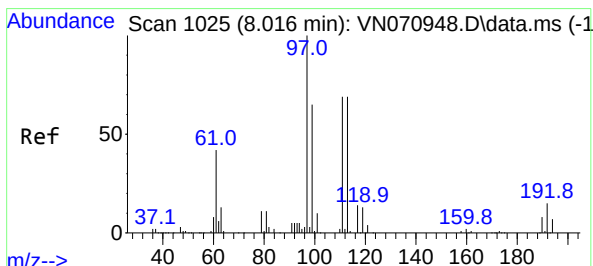
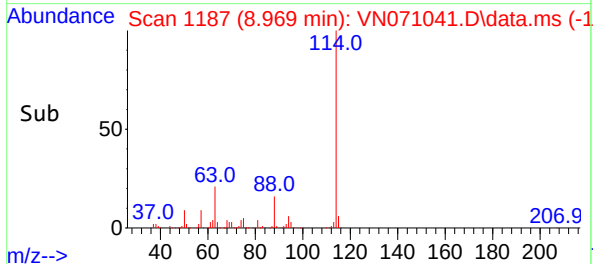
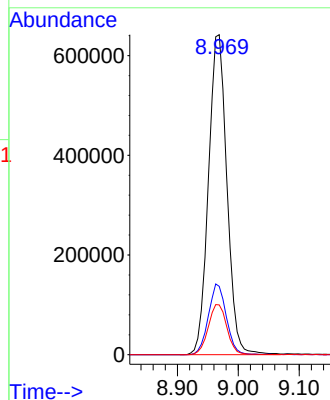
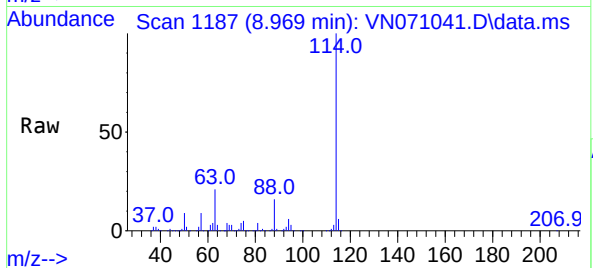
Tgt Ion:114 Resp: 1350494

Ion Ratio Lower Upper

114 100

63 21.4 0.0 37.8

88 15.6 0.0 27.4



#35

Dibromofluoromethane

Concen: 49.613 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN071041.D

Acq: 23 Feb 2022 18:33

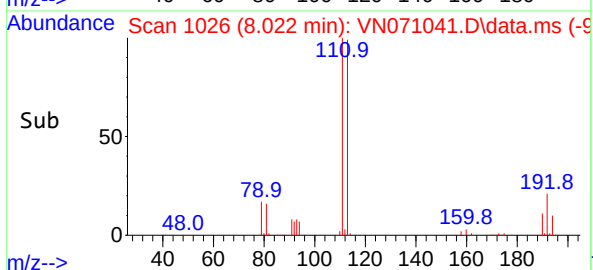
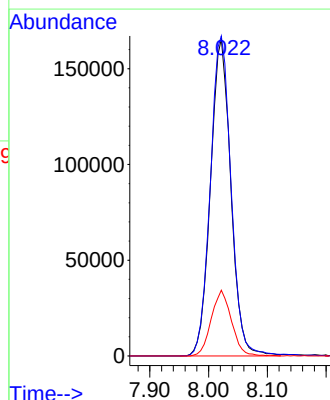
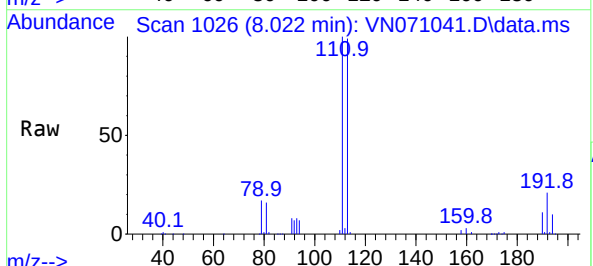
Tgt Ion:113 Resp: 398529

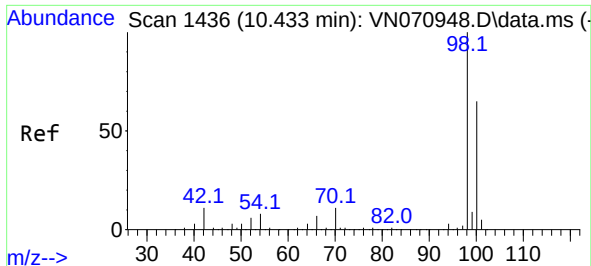
Ion Ratio Lower Upper

113 100

111 103.1 82.2 123.2

192 20.5 16.9 25.3

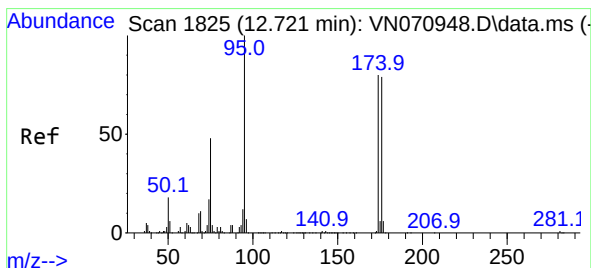
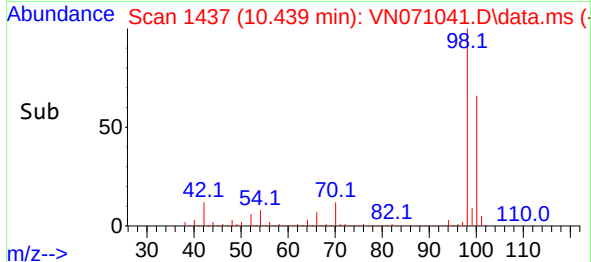
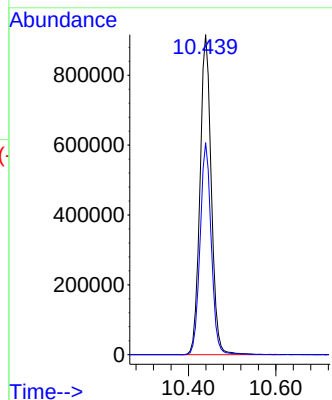
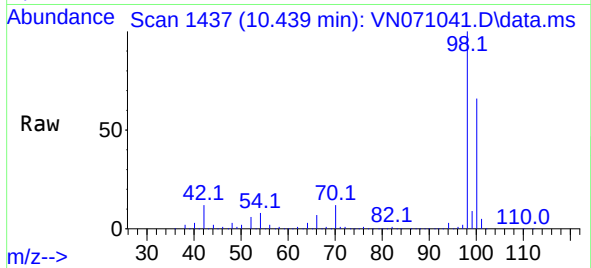




#50
Toluene-d8
Concen: 51.034 ug/l
RT: 10.439 min Scan# 1436
Delta R.T. 0.006 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

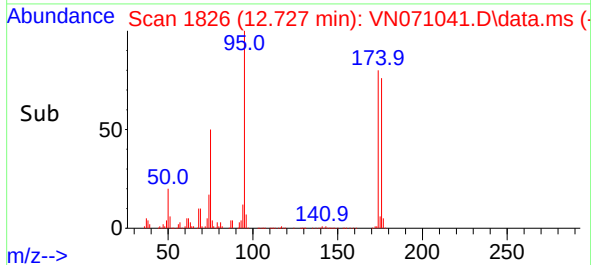
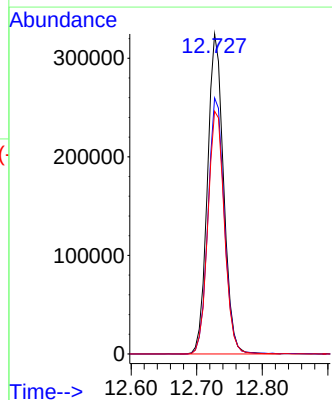
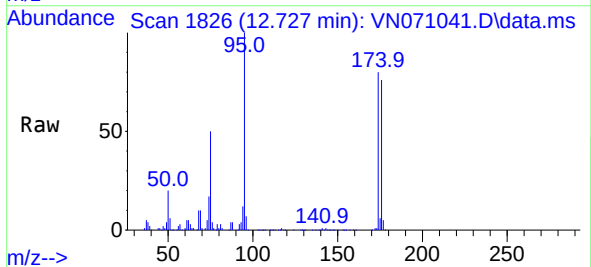
Instrument :
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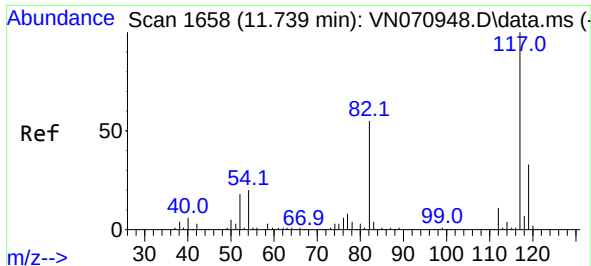
Tgt Ion: 98 Resp: 1646284
Ion Ratio Lower Upper
98 100
100 65.6 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 48.083 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

Tgt Ion: 95 Resp: 554433
Ion Ratio Lower Upper
95 100
174 81.0 0.0 187.2
176 77.7 0.0 181.4

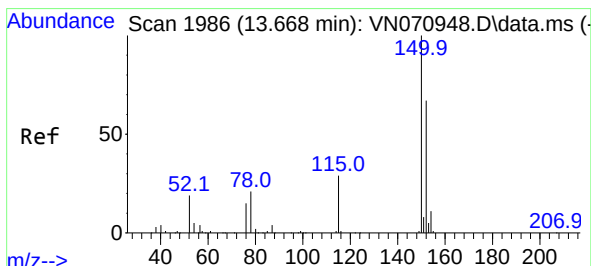
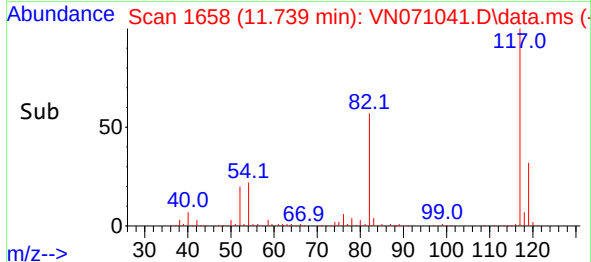
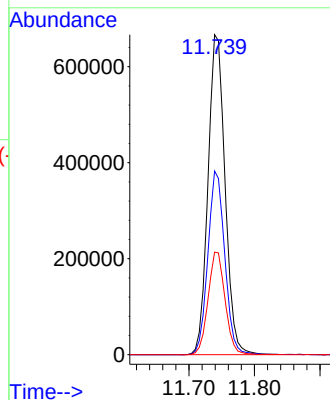
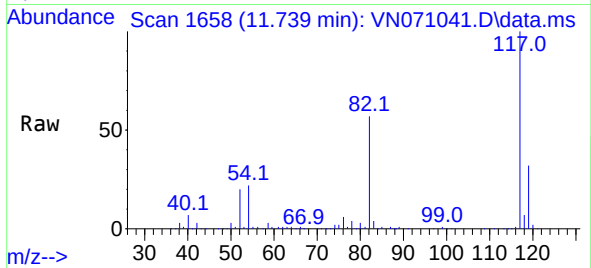




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

Instrument :
MSVOA_N
ClientSampleId :
31456

Tgt Ion:117 Resp: 1208308
Ion Ratio Lower Upper
117 100
82 57.4 42.4 63.6
119 32.0 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.674 min Scan# 1987
Delta R.T. 0.006 min
Lab File: VN071041.D
Acq: 23 Feb 2022 18:33

Tgt Ion:152 Resp: 421935
Ion Ratio Lower Upper
152 100
115 57.5 27.5 82.5
150 158.3 0.0 344.4

