

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071369.D
 Acq On : 18 Mar 2022 13:53
 Operator : JC\MD
 Sample : N1957-15
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TRIP-BLANK

Quant Time: Mar 18 16:58:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	805226	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.969	114	1354474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1282197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	455932	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	519893	47.109	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	94.220%
35) Dibromofluoromethane	8.022	113	401970	47.029	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.060%
50) Toluene-d8	10.439	98	1670758	48.549	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	97.100%
62) 4-Bromofluorobenzene	12.727	95	608567	52.223	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	104.440%

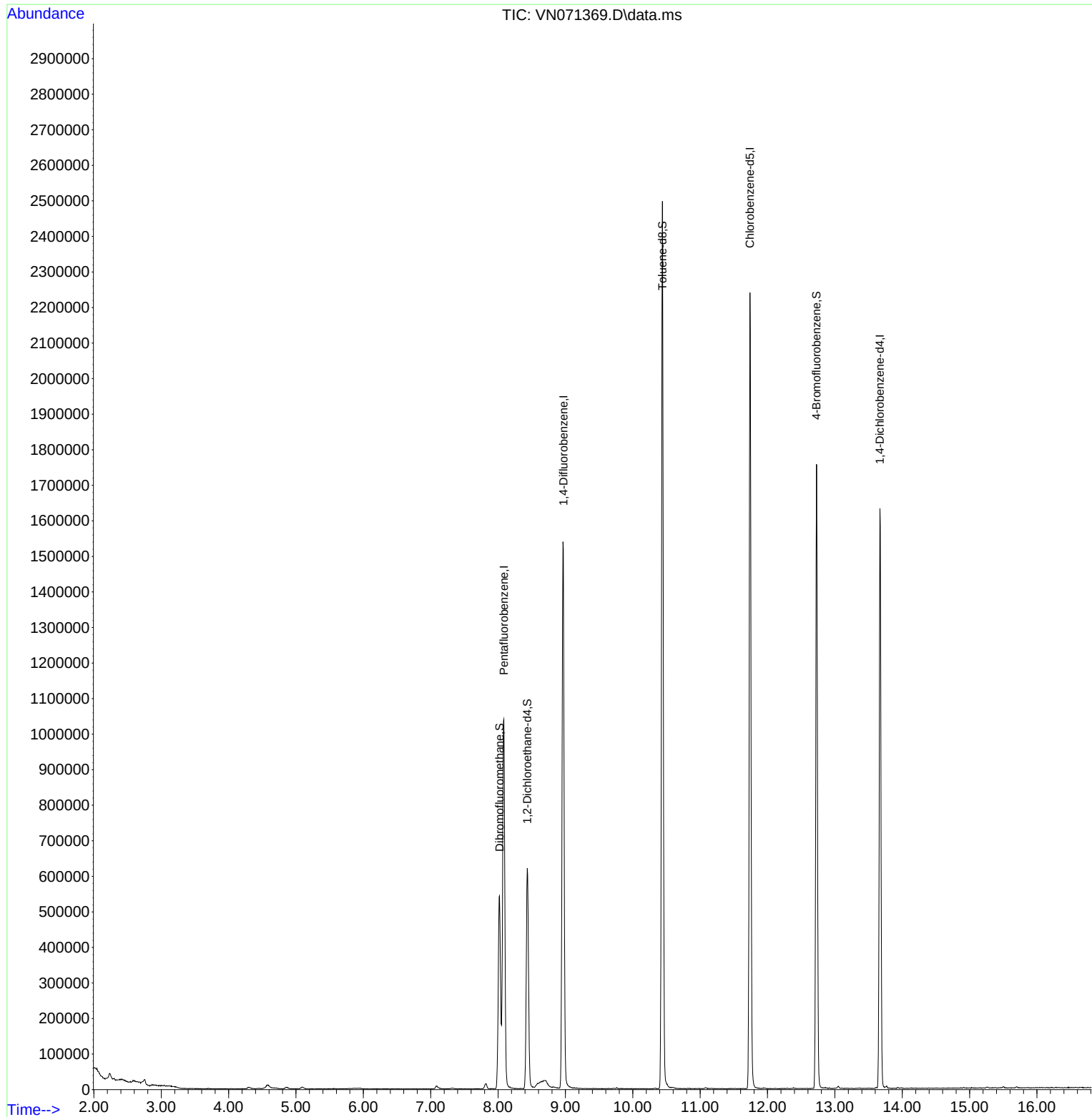
Target Compounds	Qvalue

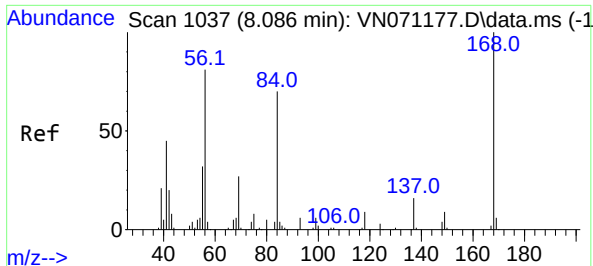
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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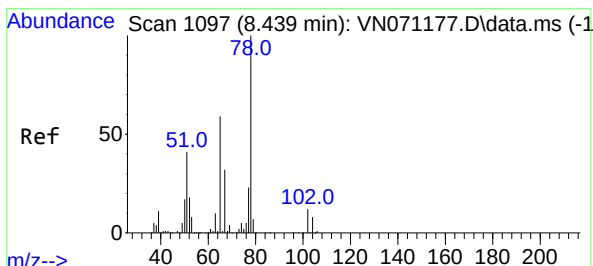
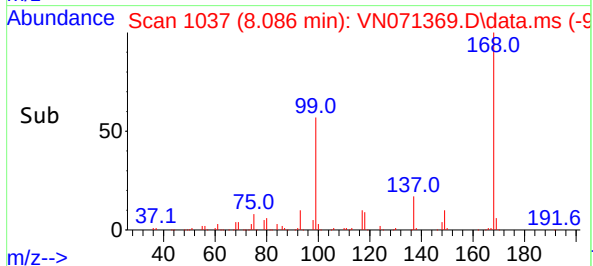
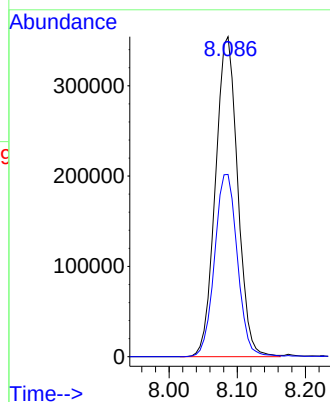
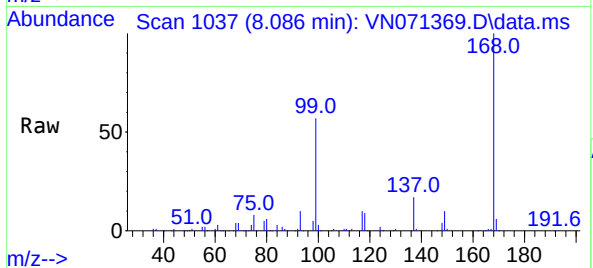




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

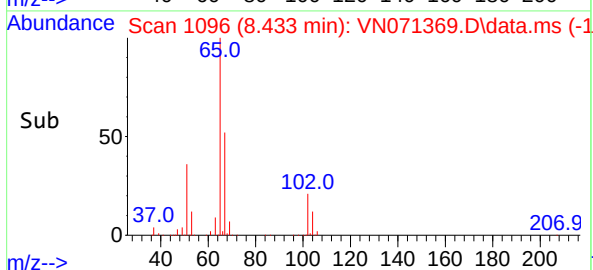
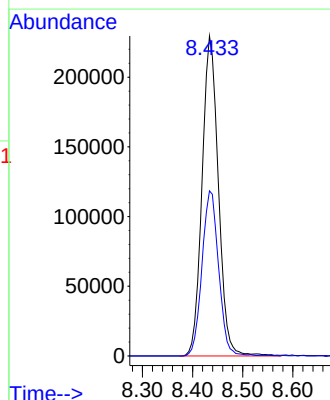
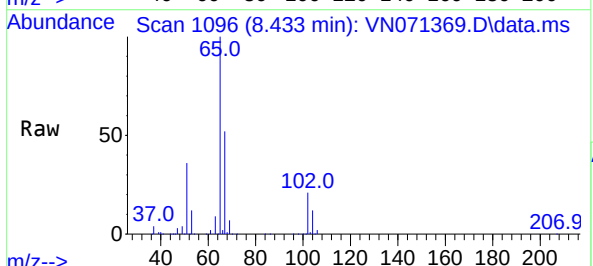
Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

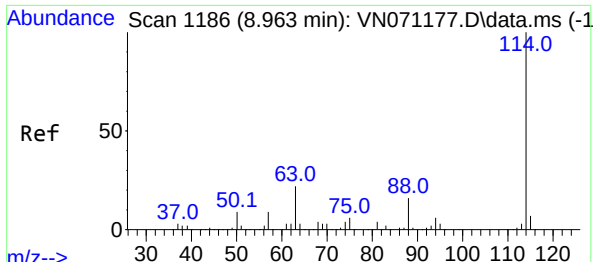
Tgt Ion:168 Resp: 805226
Ion Ratio Lower Upper
168 100
99 57.0 41.3 61.9



#33
1,2-Dichloroethane-d4
Concen: 47.109 ug/l
RT: 8.433 min Scan# 1096
Delta R.T. -0.006 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

Tgt Ion: 65 Resp: 519893
Ion Ratio Lower Upper
65 100
67 52.4 0.0 103.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.969 min Scan# 1186

Delta R.T. 0.006 min

Lab File: VN071369.D

Acq: 18 Mar 2022 13:53

Instrument :

MSVOA_N

ClientSampleId :

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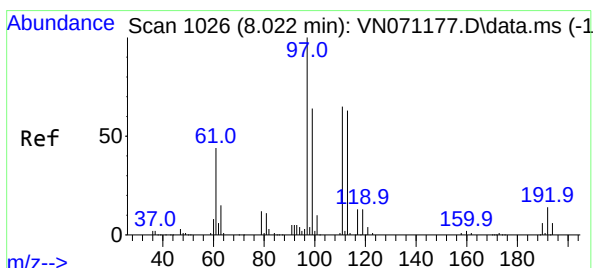
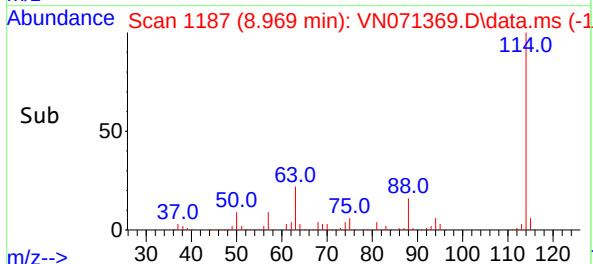
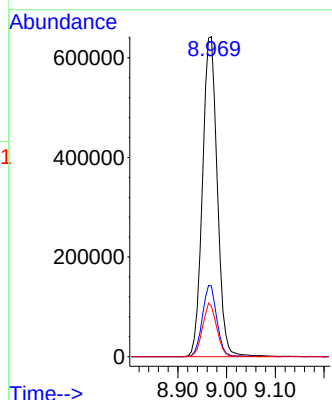
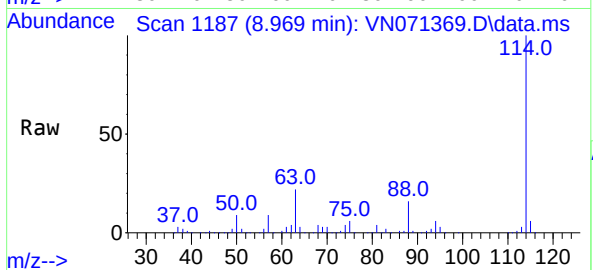
Tgt Ion:114 Resp: 1354474

Ion Ratio Lower Upper

114 100

63 22.1 0.0 37.8

88 15.7 0.0 27.4



#35

Dibromofluoromethane

Concen: 47.029 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.000 min

Lab File: VN071369.D

Acq: 18 Mar 2022 13:53

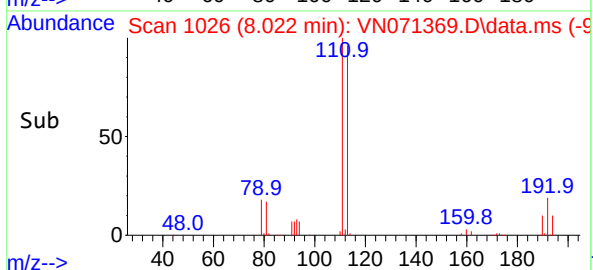
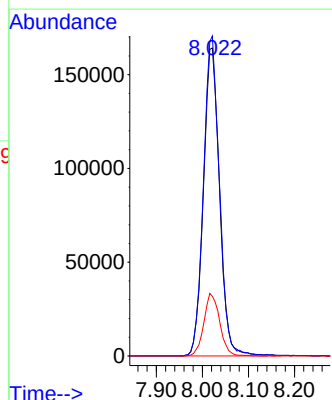
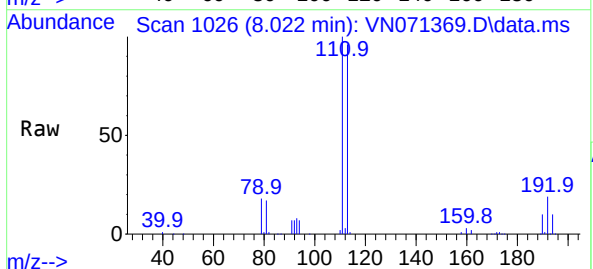
Tgt Ion:113 Resp: 401970

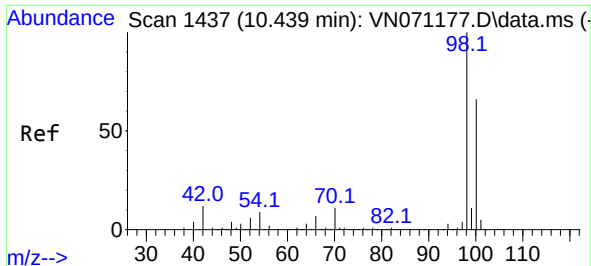
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.2

192 19.9 16.9 25.3

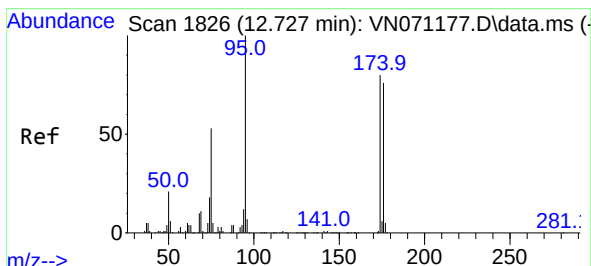
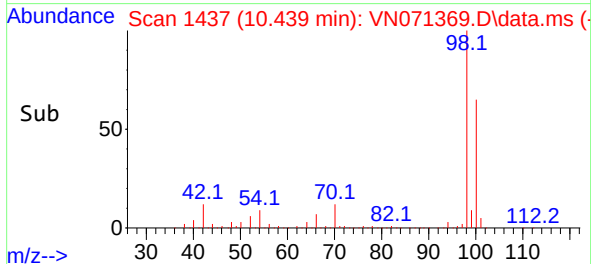
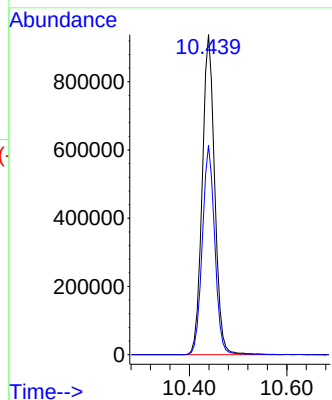
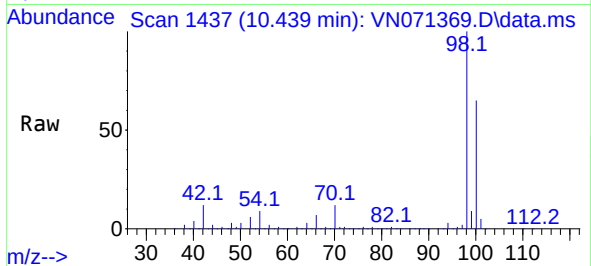




#50
Toluene-d8
Concen: 48.549 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

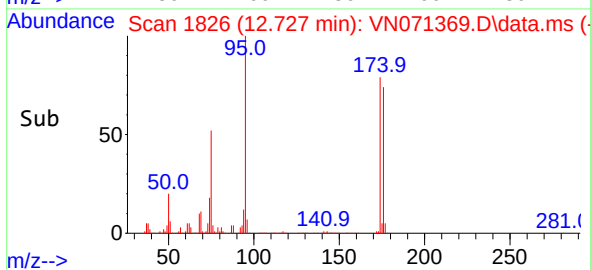
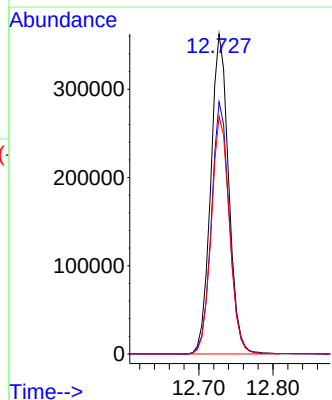
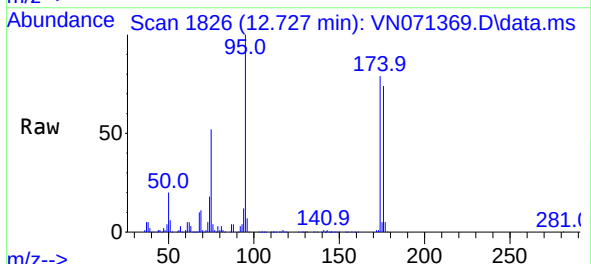
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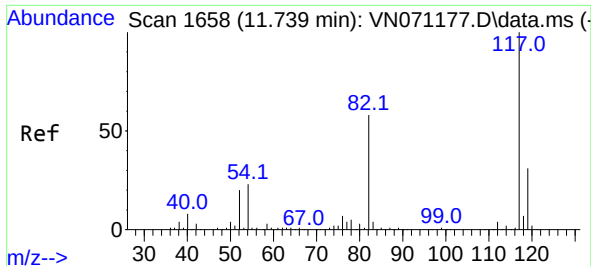
Tgt Ion: 98 Resp: 1670758
Ion Ratio Lower Upper
98 100
100 65.2 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 52.223 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

Tgt Ion: 95 Resp: 608567
Ion Ratio Lower Upper
95 100
174 78.5 0.0 187.2
176 75.3 0.0 181.4

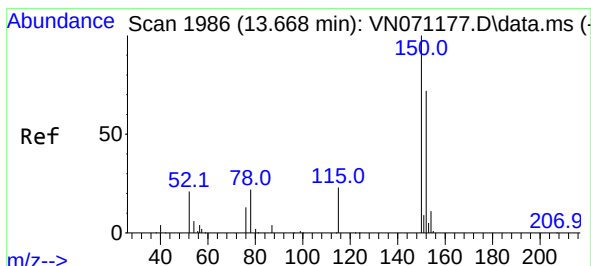
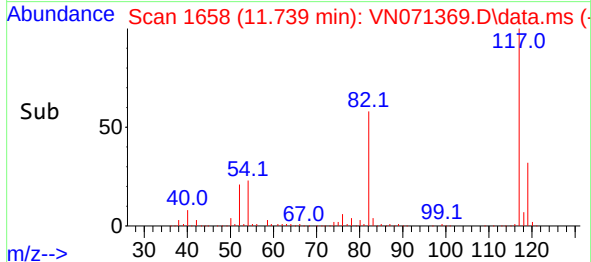
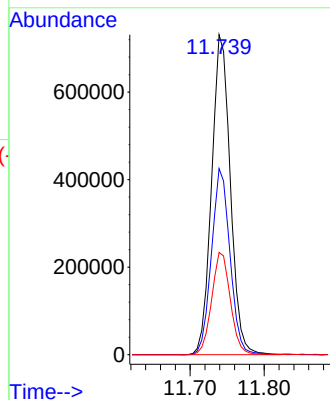
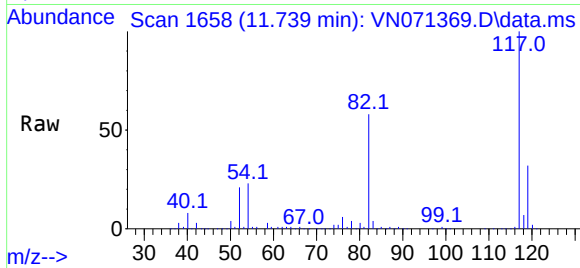




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

Instrument :
MSVOA_N
ClientSampleId :
TRIP-BLANK

Tgt Ion:117 Resp: 1282197
Ion Ratio Lower Upper
117 100
82 58.2 42.4 63.6
119 31.9 25.4 38.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. 0.000 min
Lab File: VN071369.D
Acq: 18 Mar 2022 13:53

Tgt Ion:152 Resp: 455932
Ion Ratio Lower Upper
152 100
115 58.1 27.5 82.5
150 156.1 0.0 344.4

