

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN031822\
 Data File : VN071365.D
 Acq On : 18 Mar 2022 12:04
 Operator : JC\MD
 Sample : VN0318WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0318WBL01

Quant Time: Mar 18 16:57:11 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	8.081	168	816061	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1373519	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1274753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	441541	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	524919	46.933	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	93.860%
35) Dibromofluoromethane	8.022	113	407797	47.050	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	94.100%
50) Toluene-d8	10.439	98	1663674	47.673	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	95.340%
62) 4-Bromofluorobenzene	12.727	95	604962	51.194	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	102.380%

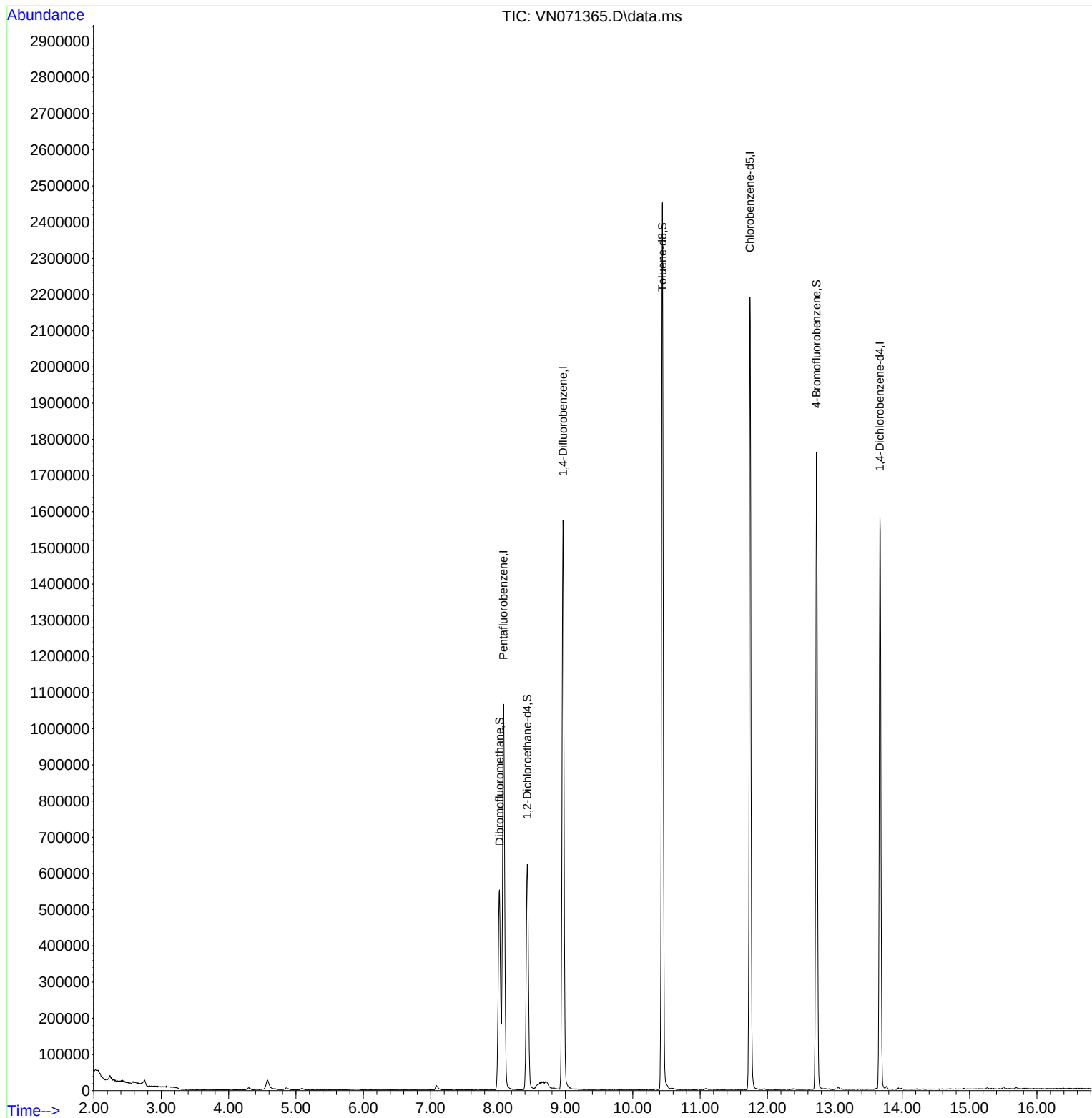
Target Compounds	Qvalue

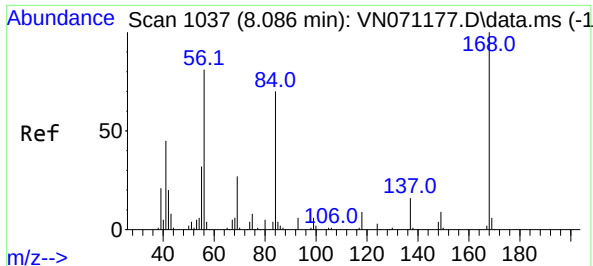
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1036

Delta R.T. -0.005 min

Lab File: VN071365.D

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MSVOA_N

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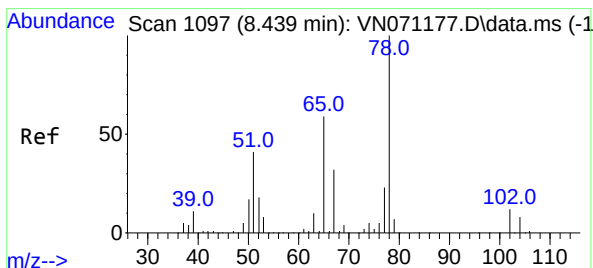
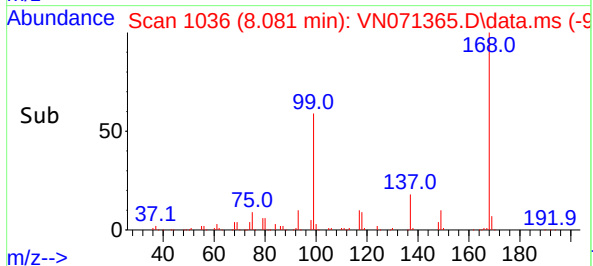
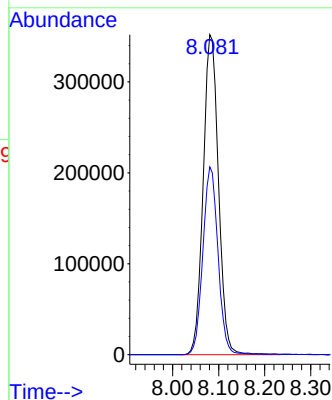
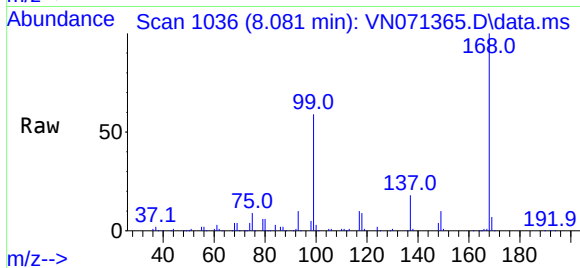
VN0318WBL01

Tgt Ion:168 Resp: 816061

Ion Ratio Lower Upper

168 100

99 58.7 41.3 61.9



1,2-Dichloroethane-d4

Concen: 46.933 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.006 min

Lab File: VN071365.D

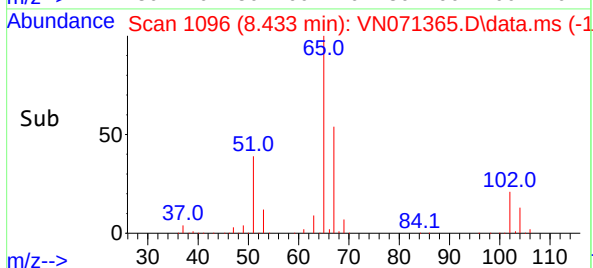
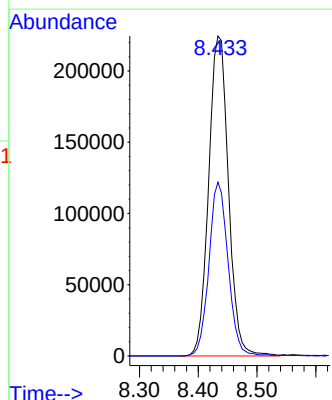
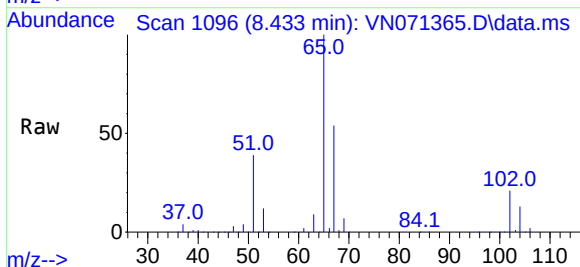
Acq: 18 Mar 2022 12:04

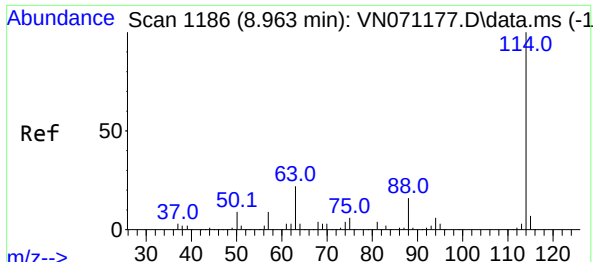
Tgt Ion: 65 Resp: 524919

Ion Ratio Lower Upper

65 100

67 52.7 0.0 103.0

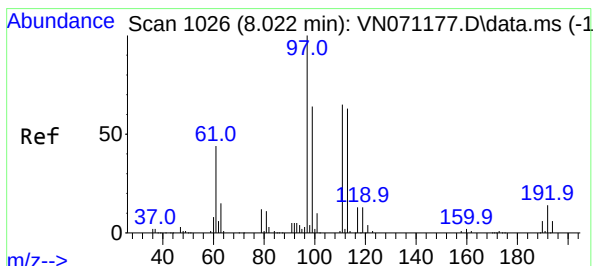
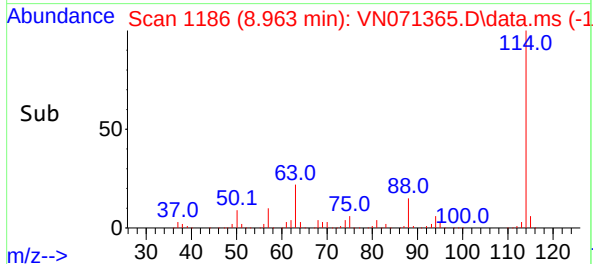
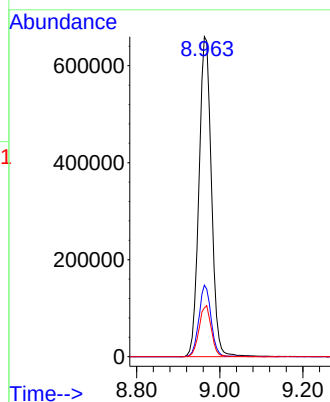
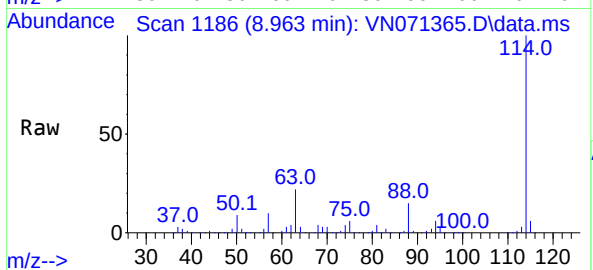




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.963 min Scan# 1186
Delta R.T. -0.000 min
Lab File: VN071365.D
Acq: 18 Mar 2022 12:04

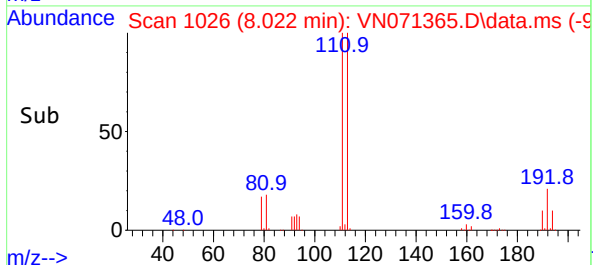
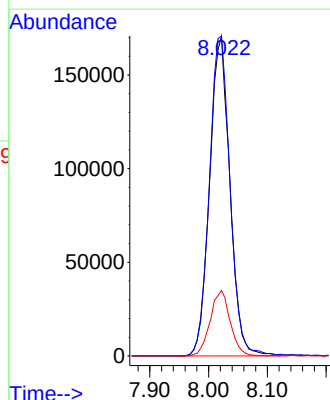
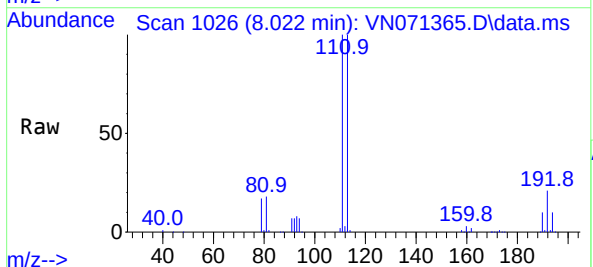
Instrument :
MSVOA_N
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VN0318WBL01

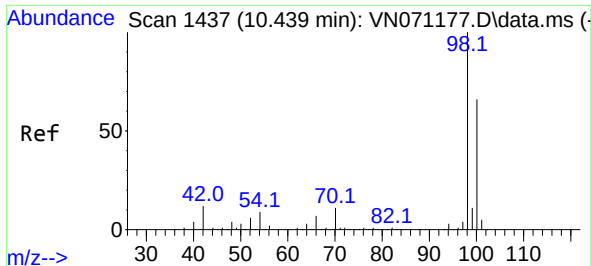
Tgt Ion:114 Resp: 1373519
Ion Ratio Lower Upper
114 100
63 22.4 0.0 37.8
88 15.2 0.0 27.4



#35
Dibromofluoromethane
Concen: 47.050 ug/l
RT: 8.022 min Scan# 1026
Delta R.T. 0.000 min
Lab File: VN071365.D
Acq: 18 Mar 2022 12:04

Tgt Ion:113 Resp: 407797
Ion Ratio Lower Upper
113 100
111 102.5 82.2 123.2
192 20.3 16.9 25.3

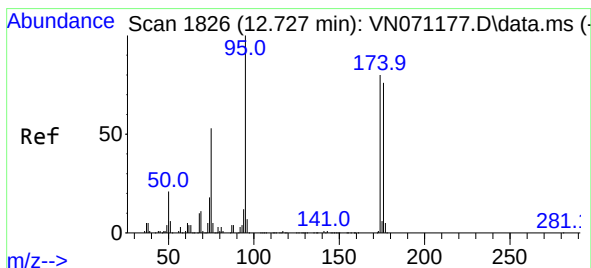
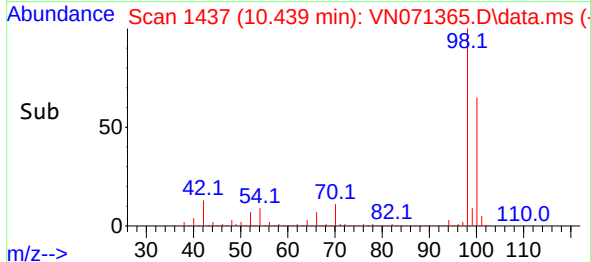
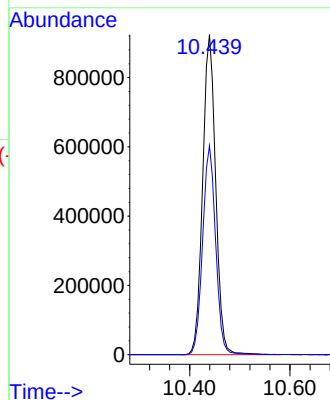
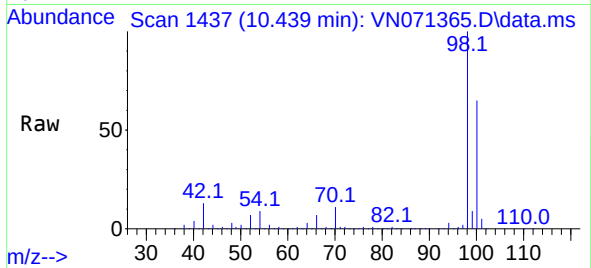




#50
Toluene-d8
Concen: 47.673 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN071365.D
Acq: 18 Mar 2022 12:04

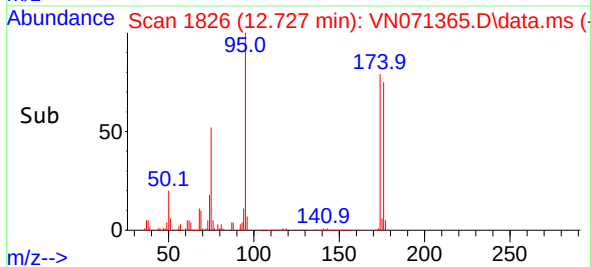
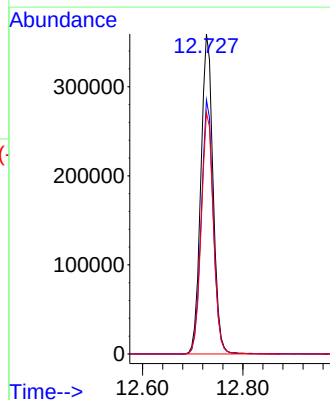
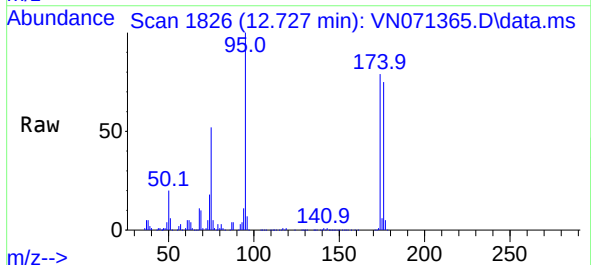
Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL01

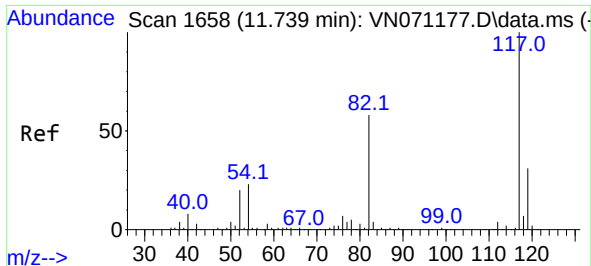
Tgt Ion: 98 Resp: 1663674
Ion Ratio Lower Upper
98 100
100 65.3 50.4 75.6



#62
4-Bromofluorobenzene
Concen: 51.194 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.000 min
Lab File: VN071365.D
Acq: 18 Mar 2022 12:04

Tgt Ion: 95 Resp: 604962
Ion Ratio Lower Upper
95 100
174 78.7 0.0 187.2
176 75.1 0.0 181.4

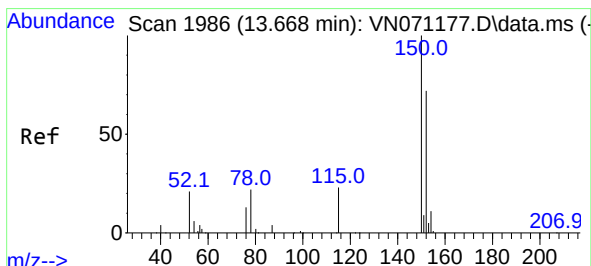
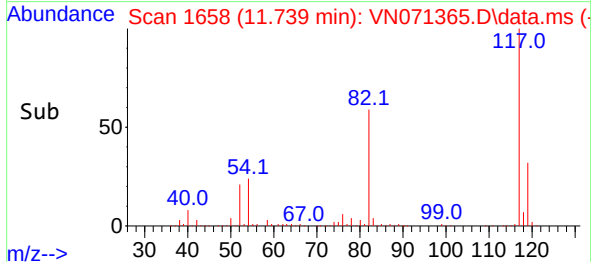
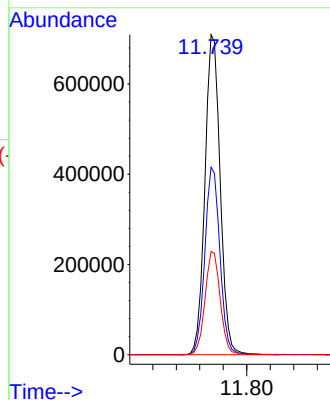
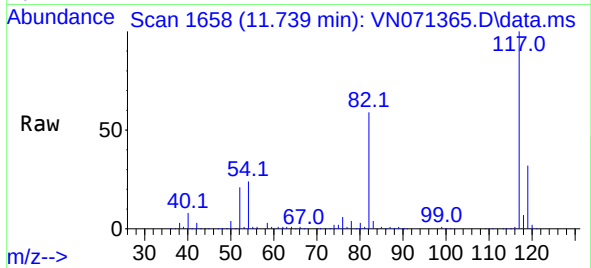




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1177
Delta R.T. 0.000 min
Lab File: VN071365.D
Acq: 18 Mar 2022 12:04

Instrument :
MSVOA_N
ClientSampleId :
VN0318WBL01

Tgt Ion:117 Resp: 1274753
Ion Ratio Lower Upper
117 100
82 58.6 42.4 63.6
119 32.3 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: VN071365.D
Acq: 18 Mar 2022 12:04

Tgt Ion:152 Resp: 441541
Ion Ratio Lower Upper
152 100
115 58.3 27.5 82.5
150 156.2 0.0 344.4

