

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071166.D
 Acq On : 04 Mar 2022 13:16
 Operator : JC\MD
 Sample : N1776-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MID-03-22

Quant Time: Mar 04 22:16:17 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)

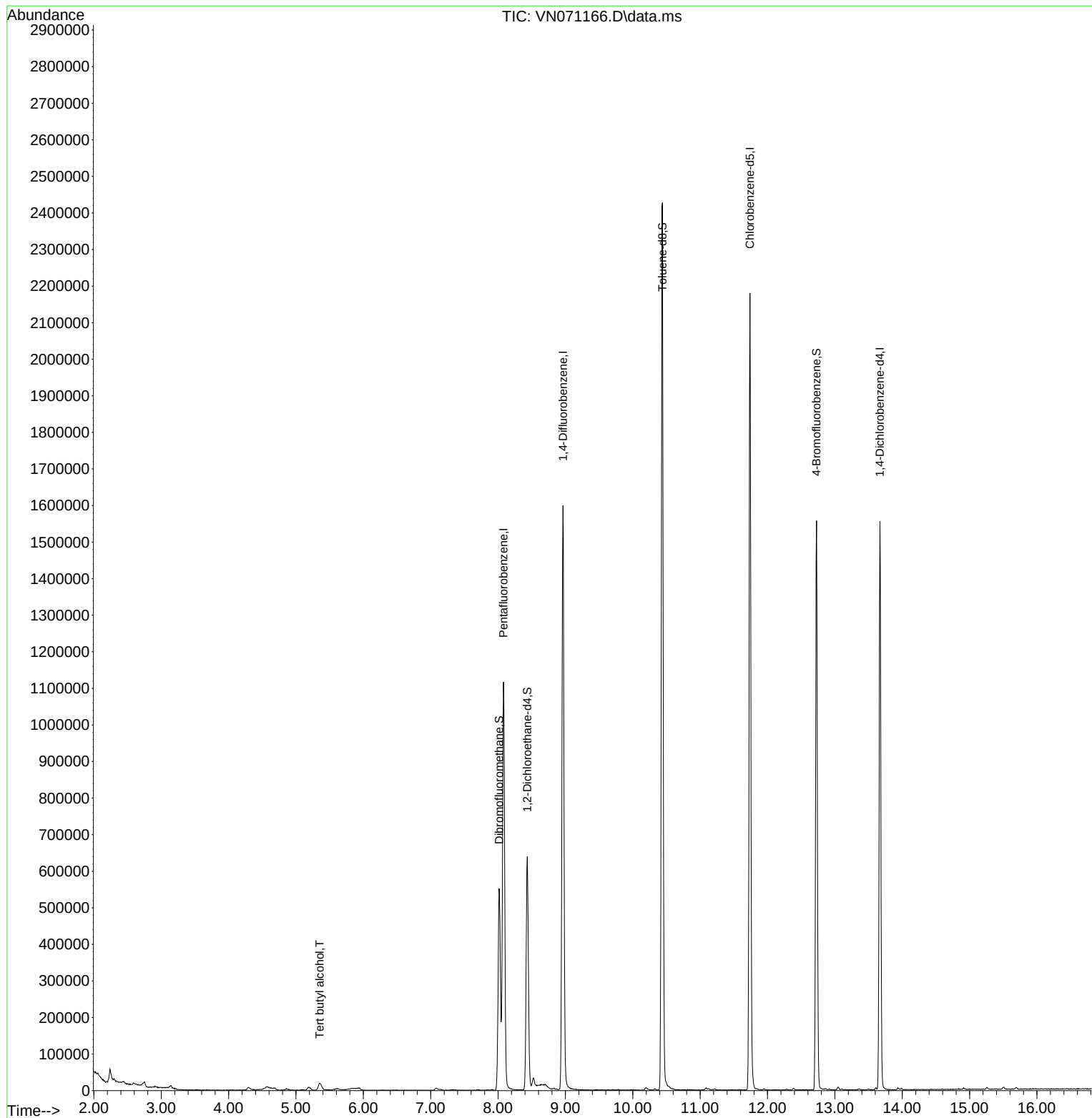
Internal Standards						
1) Pentafluorobenzene	8.081	168	868722	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1410502	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1256760	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	433227	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	535406	53.953	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 107.900%			
35) Dibromofluoromethane	8.016	113	413724	49.314	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 98.620%			
50) Toluene-d8	10.439	98	1699301	50.436	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.880%			
62) 4-Bromofluorobenzene	12.727	95	565291	46.939	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.880%			
Target Compounds						
11) Tert butyl alcohol	5.351	59	35637	19.705	ug/l	Qvalue 96

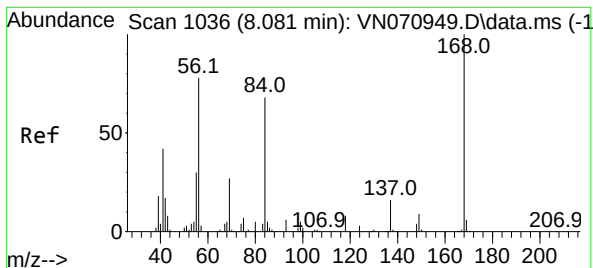
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 8.081 min Scan# 1

Delta R.T. -0.000 min

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ClientSampleId :

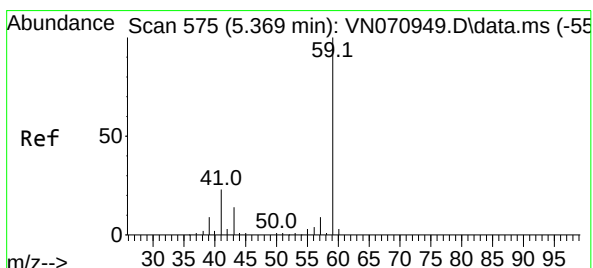
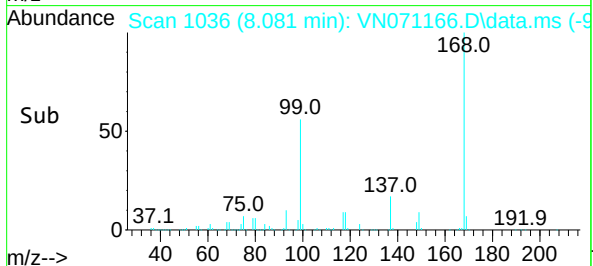
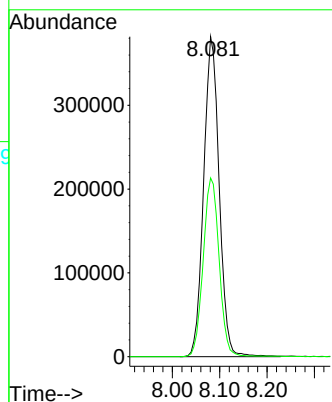
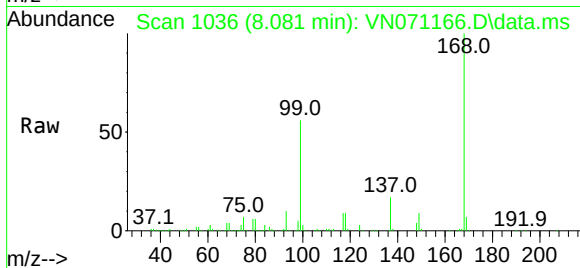
MID-03-22

Tgt Ion:168 Resp: 868722

Ion Ratio Lower Upper

168 100

99 55.9 41.3 61.9



#11

Tert butyl alcohol

Concen: 19.705 ug/l

RT: 5.351 min Scan# 572

Delta R.T. -0.018 min

Lab File: VN071166.D

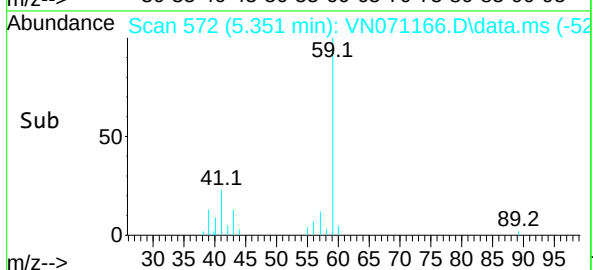
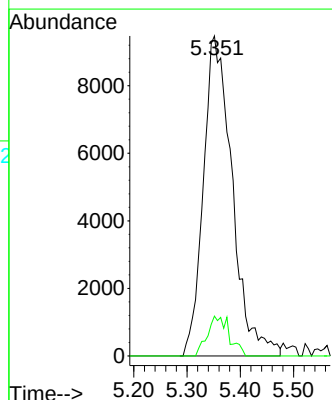
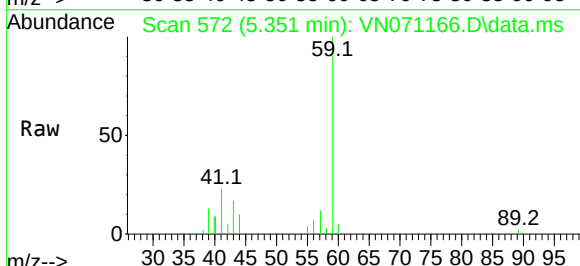
Acq: 04 Mar 2022 13:16

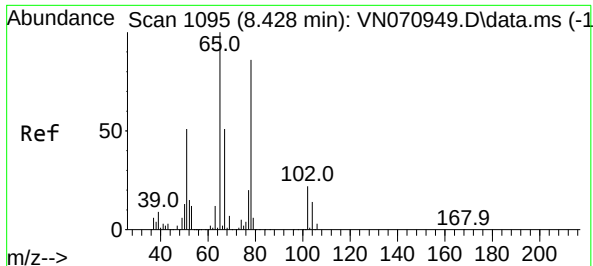
Tgt Ion: 59 Resp: 35637

Ion Ratio Lower Upper

59 100

57 9.5 8.7 13.1





#33

1,2-Dichloroethane-d4

Concen: 53.953 ug/l

RT: 8.433 min Scan# 1095

Delta R.T. 0.006 min

Lab File: VN071166.D

Acq: 04 Mar 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

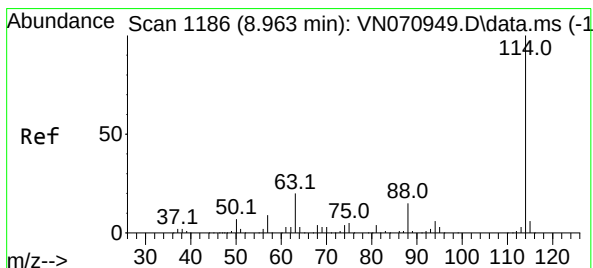
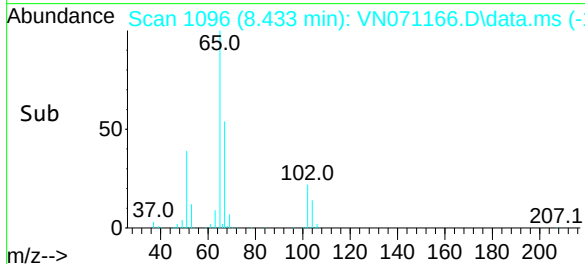
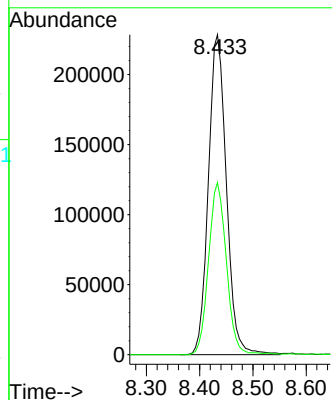
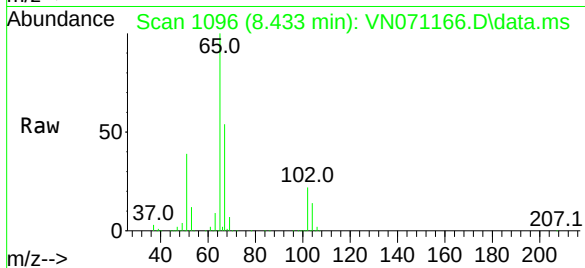
MID-03-22

Tgt Ion: 65 Resp: 535406

Ion Ratio Lower Upper

65 100

67 53.2 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: VN071166.D

Acq: 04 Mar 2022 13:16

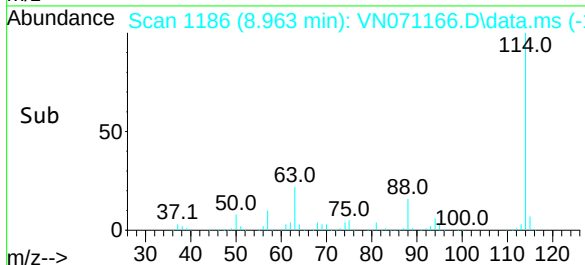
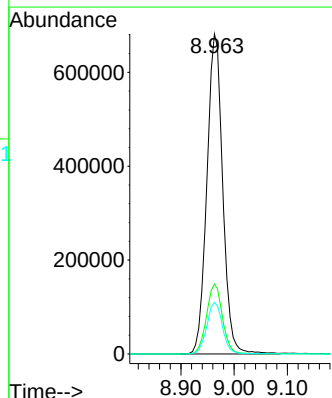
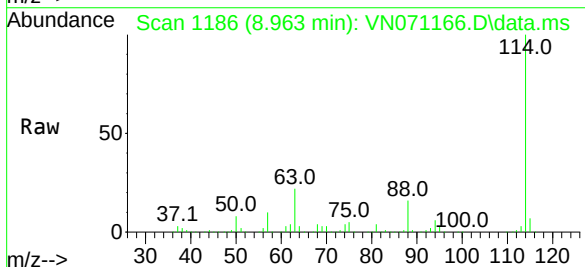
Tgt Ion: 114 Resp: 1410502

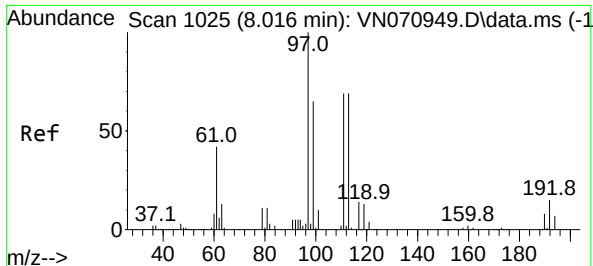
Ion Ratio Lower Upper

114 100

63 21.9 0.0 37.8

88 16.1 0.0 27.4





#35

Dibromofluoromethane

Concen: 49.314 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.000 min

Lab File: VN071166.D

Acq: 04 Mar 2022 13:16

Instrument :

MSVOA_N

ClientSampleId :

MID-03-22

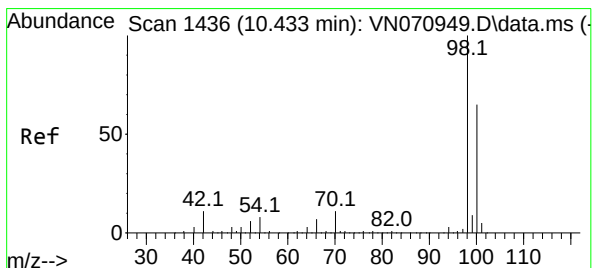
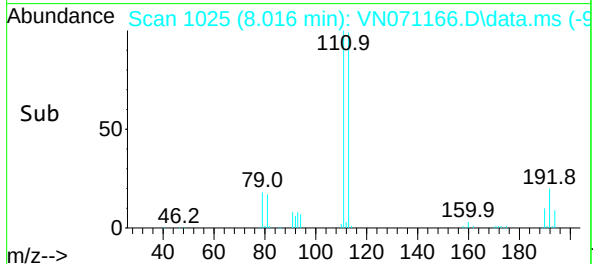
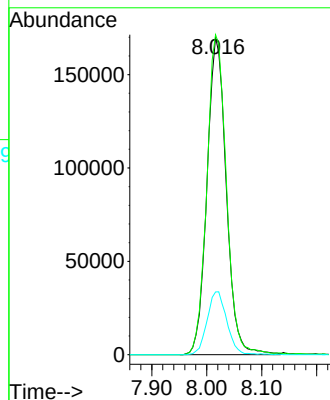
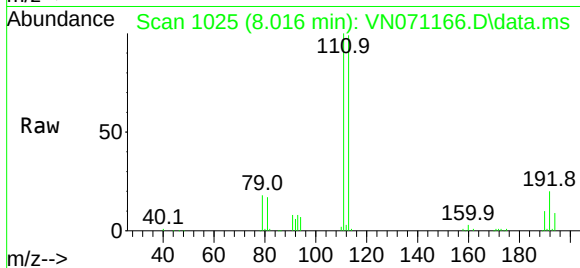
Tgt Ion:113 Resp: 413724

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

192 20.2 16.9 25.3



#50

Toluene-d8

Concen: 50.436 ug/l

RT: 10.439 min Scan# 1437

Delta R.T. 0.006 min

Lab File: VN071166.D

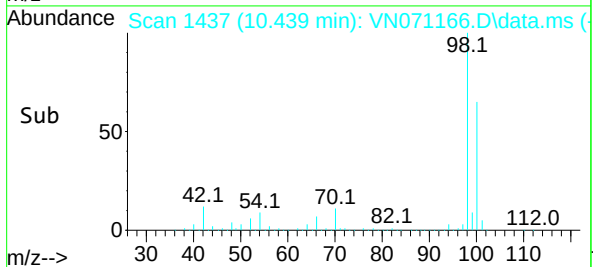
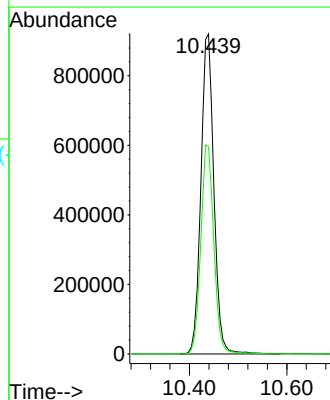
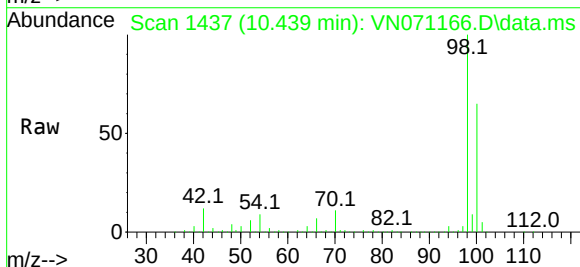
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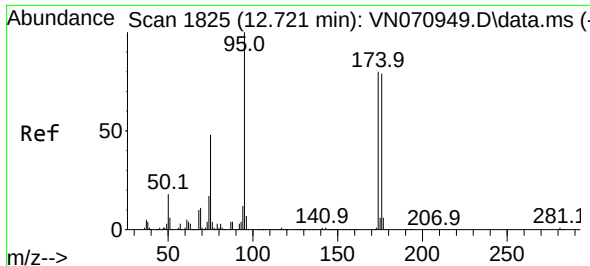
Tgt Ion: 98 Resp: 1699301

Ion Ratio Lower Upper

98 100

100 66.0 50.4 75.6

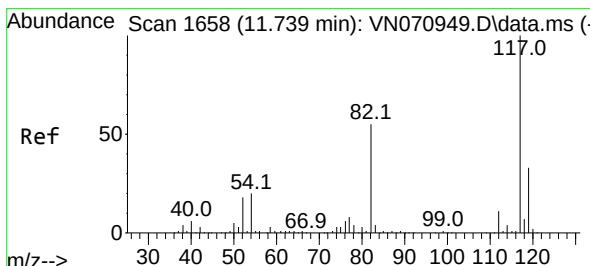
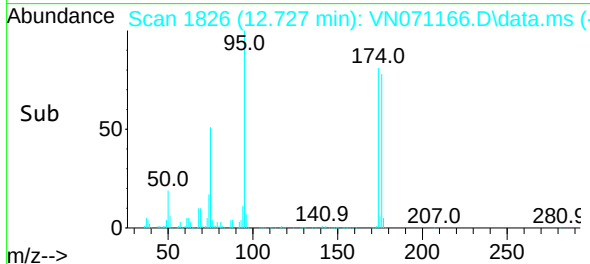
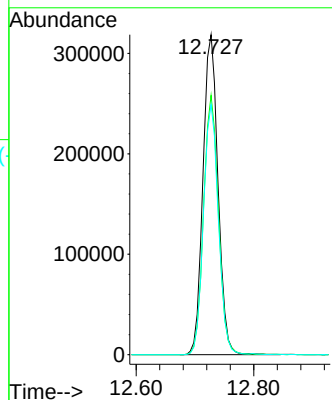
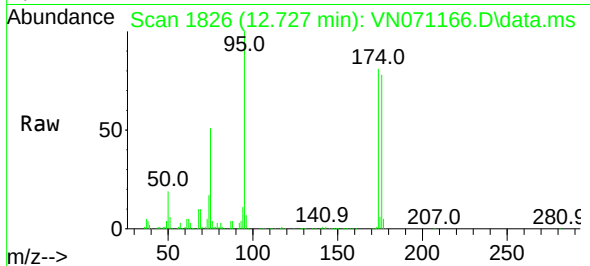




#62
4-Bromofluorobenzene
Concen: 46.939 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.006 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

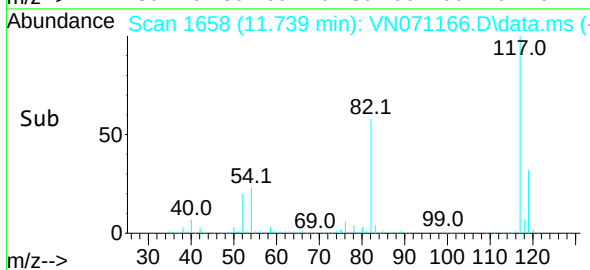
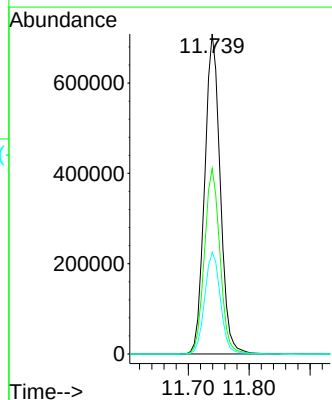
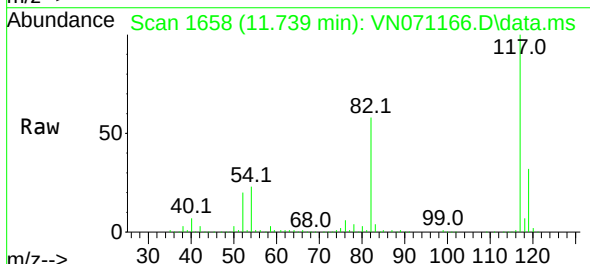
Instrument :
MSVOA_N
ClientSampleId :
MID-03-22

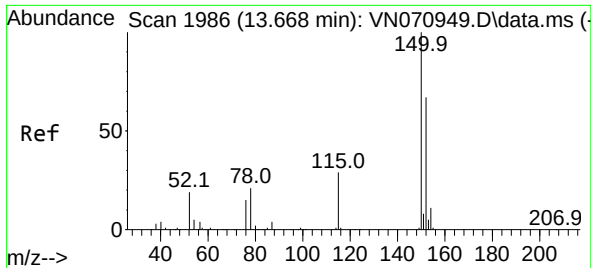
Tgt Ion: 95 Resp: 565291
Ion Ratio Lower Upper
95 100
174 80.1 0.0 187.2
176 77.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. -0.000 min
Lab File: VN071166.D
Acq: 04 Mar 2022 13:16

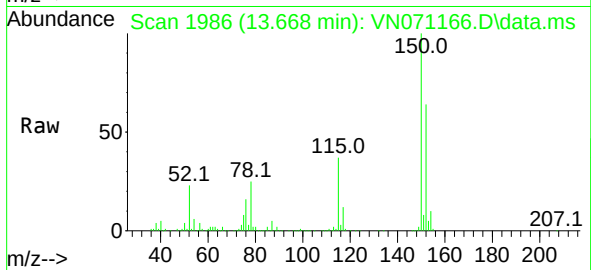
Tgt Ion: 117 Resp: 1256760
Ion Ratio Lower Upper
117 100
82 58.0 42.4 63.6
119 31.8 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.668 min Scan# 1986
 Delta R.T. -0.000 min
 Lab File: VN071166.D
 Acq: 04 Mar 2022 13:16

Instrument :
 MSVOA_N
 ClientSampleId :
 MID-03-22



Tgt Ion:152 Resp: 433227
 Ion Ratio Lower Upper
 152 100
 115 57.4 27.5 82.5
 150 158.0 0.0 344.4

