

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030822\
 Data File : VN071193.D
 Acq On : 08 Mar 2022 16:29
 Operator : JC\MD
 Sample : N1827-13 10X
 Misc : 1.05g/10.0mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-291

Quant Time: Mar 09 04:03:25 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)

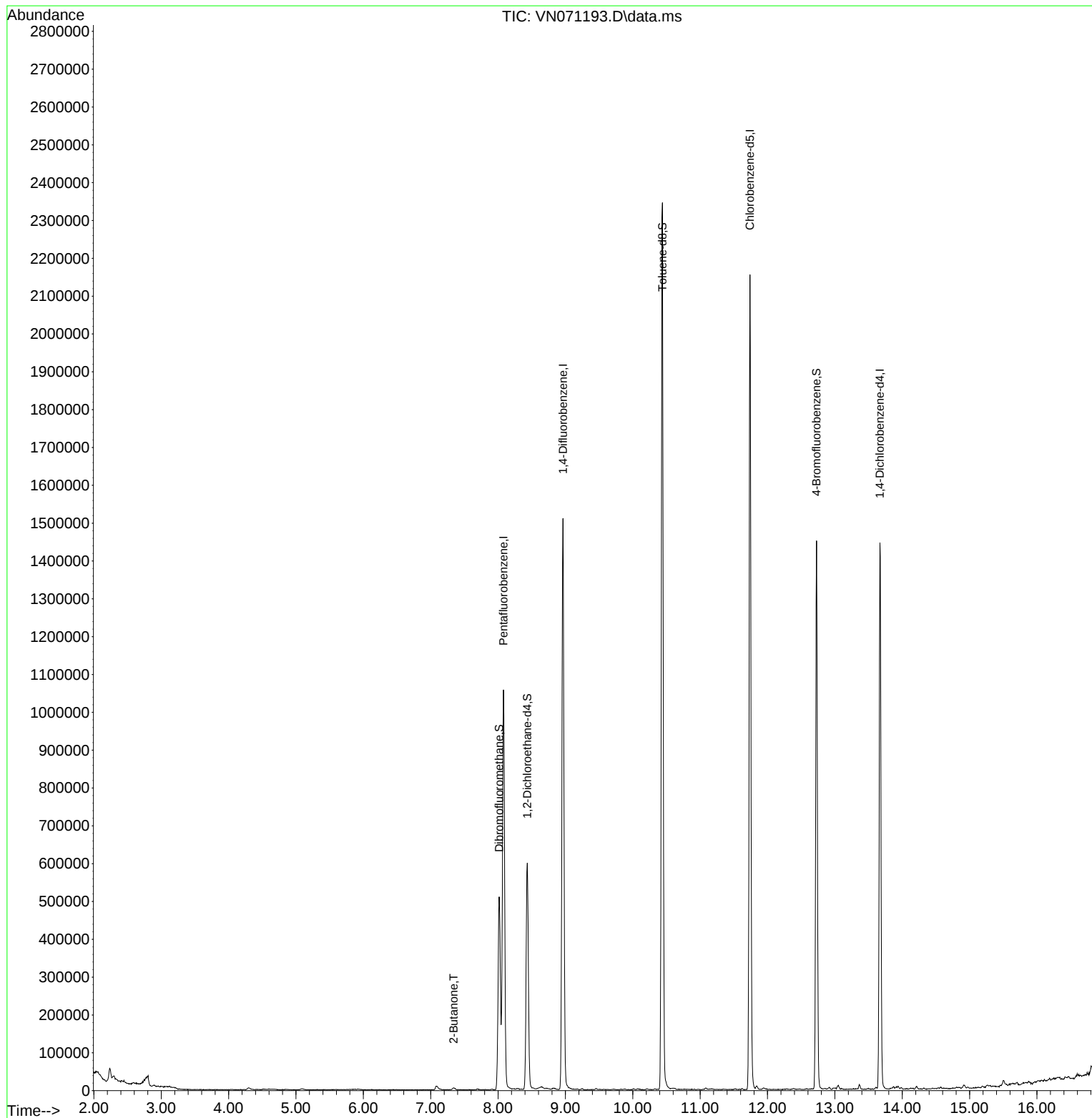
Internal Standards						
1) Pentafluorobenzene	8.081	168	821216	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	1319164	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	1240191	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	406085	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	507553	45.096	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	90.200%		
35) Dibromofluoromethane	8.016	113	376187	45.191	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	90.380%		
50) Toluene-d8	10.440	98	1639255	48.909	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	97.820%		
62) 4-Bromofluorobenzene	12.728	95	516961	45.549	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	91.100%		
Target Compounds						
25) 2-Butanone	7.340	43	9683	1.098	ug/l	96

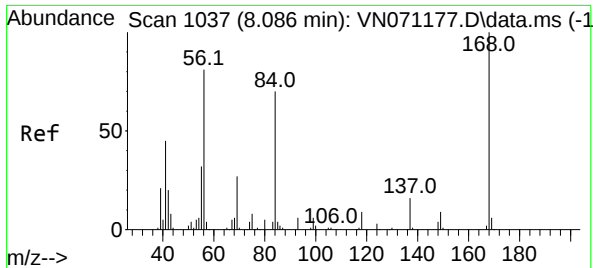
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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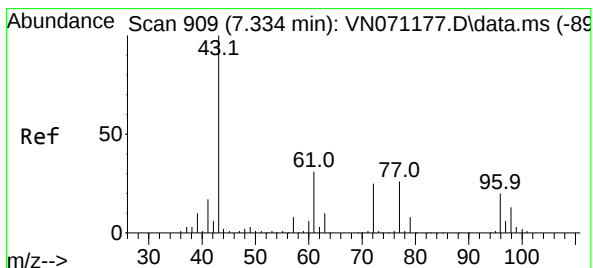
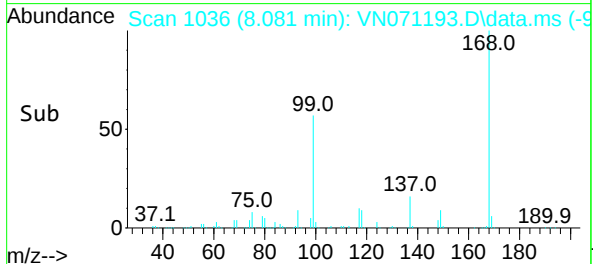
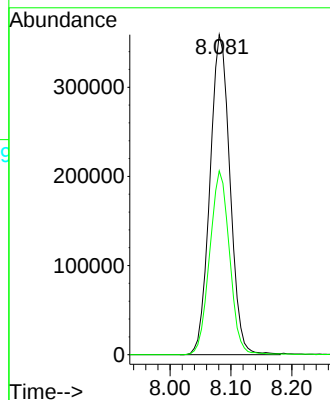
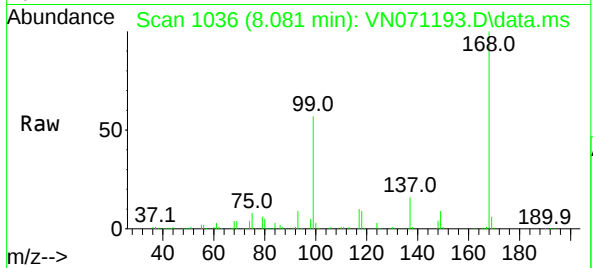




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.081 min Scan# 1036
Delta R.T. -0.005 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

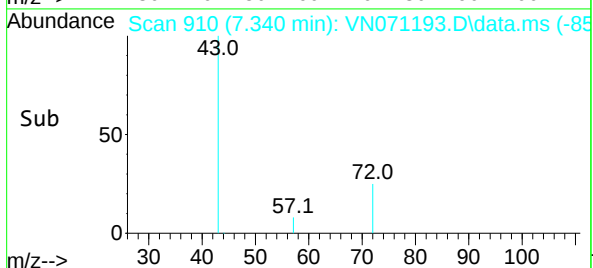
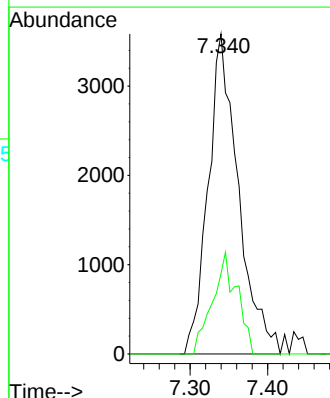
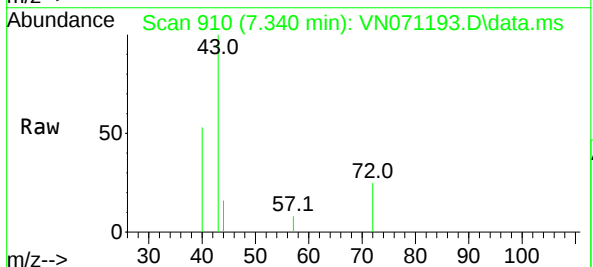
Instrument :
MSVOA_N
ClientSampleId :
RO-291

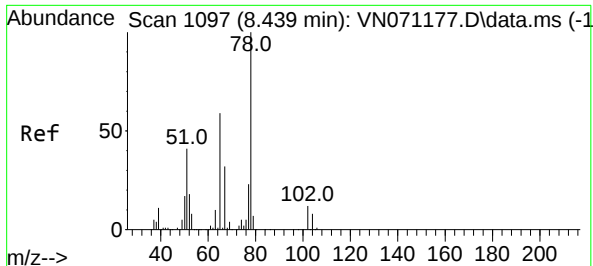
Tgt Ion:168 Resp: 821216
Ion Ratio Lower Upper
168 100
99 57.4 41.3 61.9



#25
2-Butanone
Concen: 1.098 ug/l
RT: 7.340 min Scan# 910
Delta R.T. 0.006 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

Tgt Ion: 43 Resp: 9683
Ion Ratio Lower Upper
43 100
72 25.1 21.7 32.5





#33

1,2-Dichloroethane-d4

Concen: 45.096 ug/l

RT: 8.434 min Scan# 1097

Delta R.T. -0.006 min

Lab File: VN071193.D

Acq: 08 Mar 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

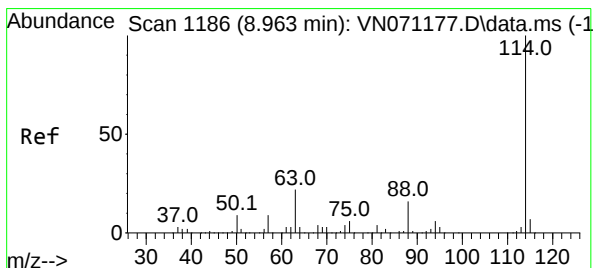
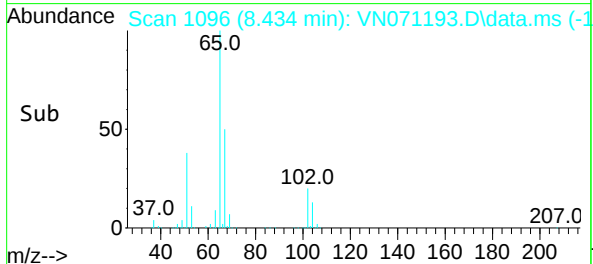
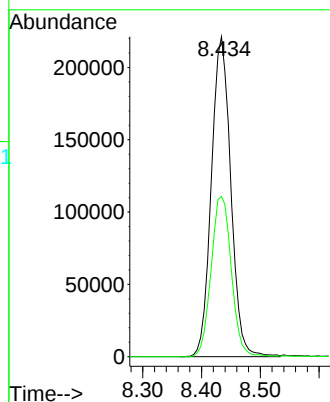
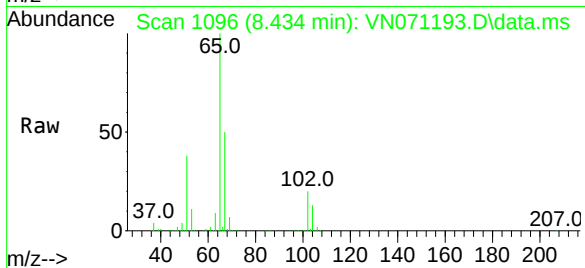
RO-291

Tgt Ion: 65 Resp: 507553

Ion Ratio Lower Upper

65 100

67 52.4 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: VN071193.D

Acq: 08 Mar 2022 16:29

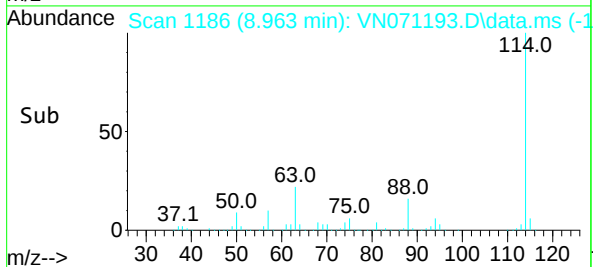
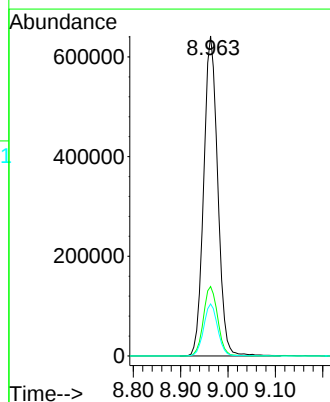
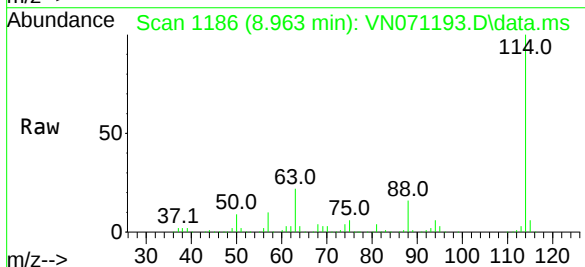
Tgt Ion: 114 Resp: 1319164

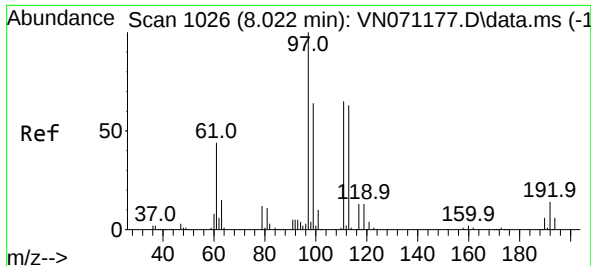
Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.8

88 16.2 0.0 27.4





#35

Dibromofluoromethane

Concen: 45.191 ug/l

RT: 8.016 min Scan# 1025

Delta R.T. -0.006 min

Lab File: VN071193.D

Acq: 08 Mar 2022 16:29

Instrument :

MSVOA_N

ClientSampleId :

RO-291

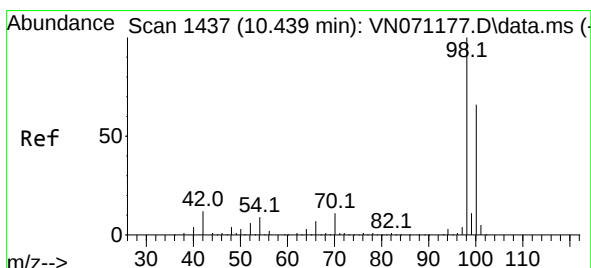
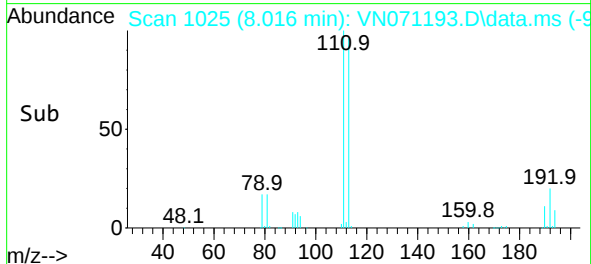
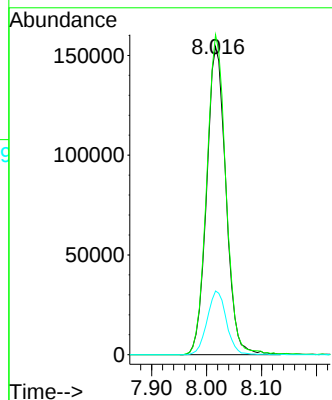
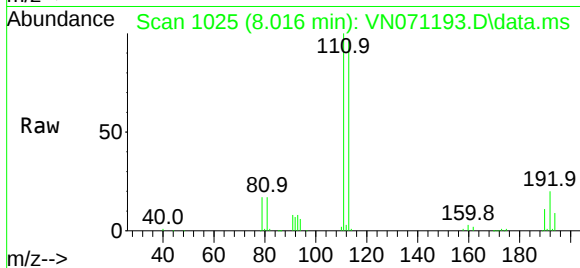
Tgt Ion:113 Resp: 376187

Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.2

192 20.6 16.9 25.3



#50

Toluene-d8

Concen: 48.909 ug/l

RT: 10.440 min Scan# 1437

Delta R.T. 0.001 min

Lab File: VN071193.D

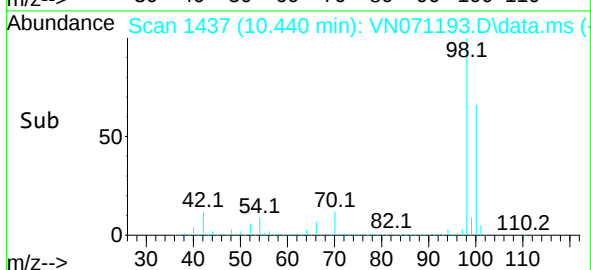
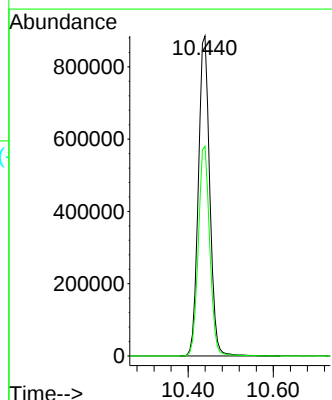
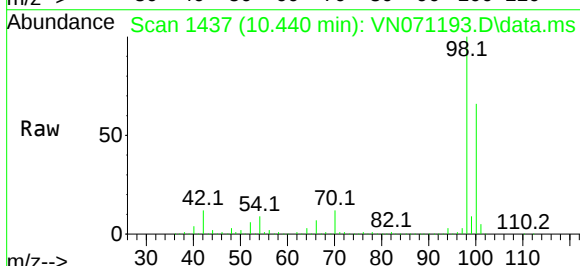
Acq: 08 Mar 2022 16:29

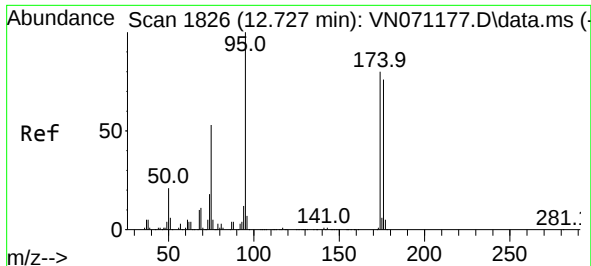
Tgt Ion: 98 Resp: 1639255

Ion Ratio Lower Upper

98 100

100 65.7 50.4 75.6

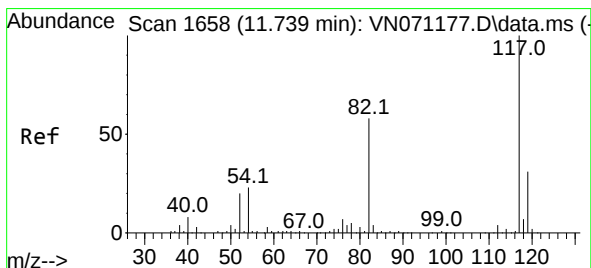
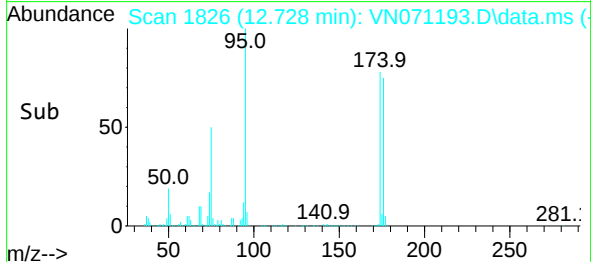
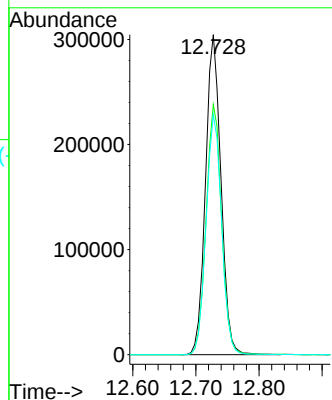
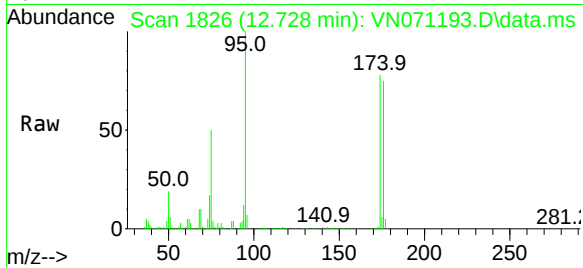




#62
4-Bromofluorobenzene
Concen: 45.549 ug/l
RT: 12.728 min Scan# 1826
Delta R.T. 0.001 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

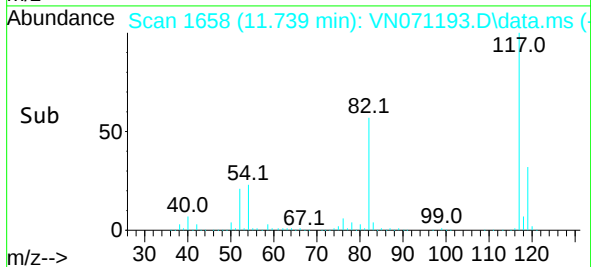
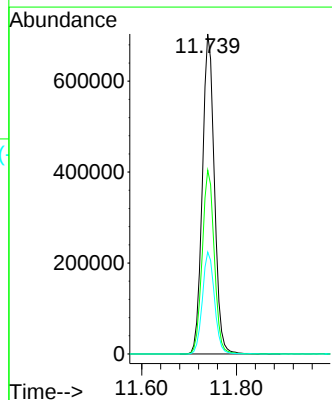
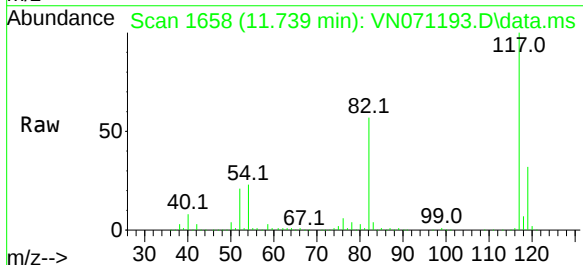
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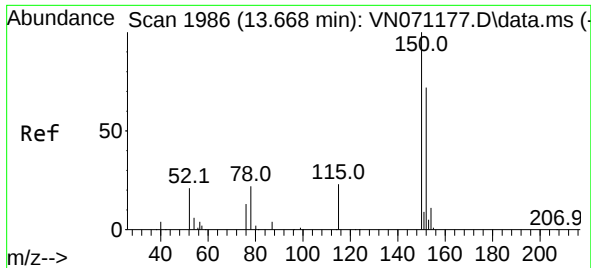
Tgt Ion: 95 Resp: 516961
Ion Ratio Lower Upper
95 100
174 78.3 0.0 187.2
176 75.4 0.0 181.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 1658
Delta R.T. 0.000 min
Lab File: VN071193.D
Acq: 08 Mar 2022 16:29

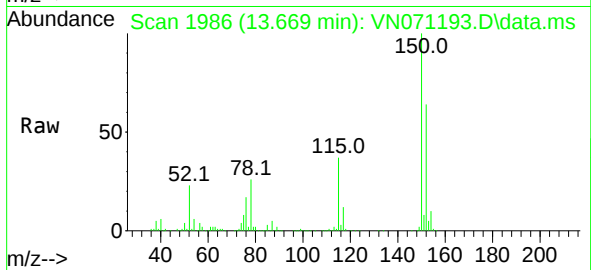
Tgt Ion: 117 Resp: 1240191
Ion Ratio Lower Upper
117 100
82 57.5 42.4 63.6
119 31.9 25.4 38.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.669 min Scan# 1986
 Delta R.T. 0.001 min
 Lab File: VN071193.D
 Acq: 08 Mar 2022 16:29

Instrument :
 MSVOA_N
 ClientSampleId :
 RO-291



Tgt Ion:152 Resp: 406085
 Ion Ratio Lower Upper
 152 100
 115 59.7 27.5 82.5
 150 156.6 0.0 344.4

