

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051122\
 Data File : VN072418.D
 Acq On : 11 May 2022 15:40
 Operator : JC\MD
 Sample : N2782-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RB-220510

Quant Time: May 12 02:12:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051022W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 10 15:43:28 2022
 Response via : Initial Calibration

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

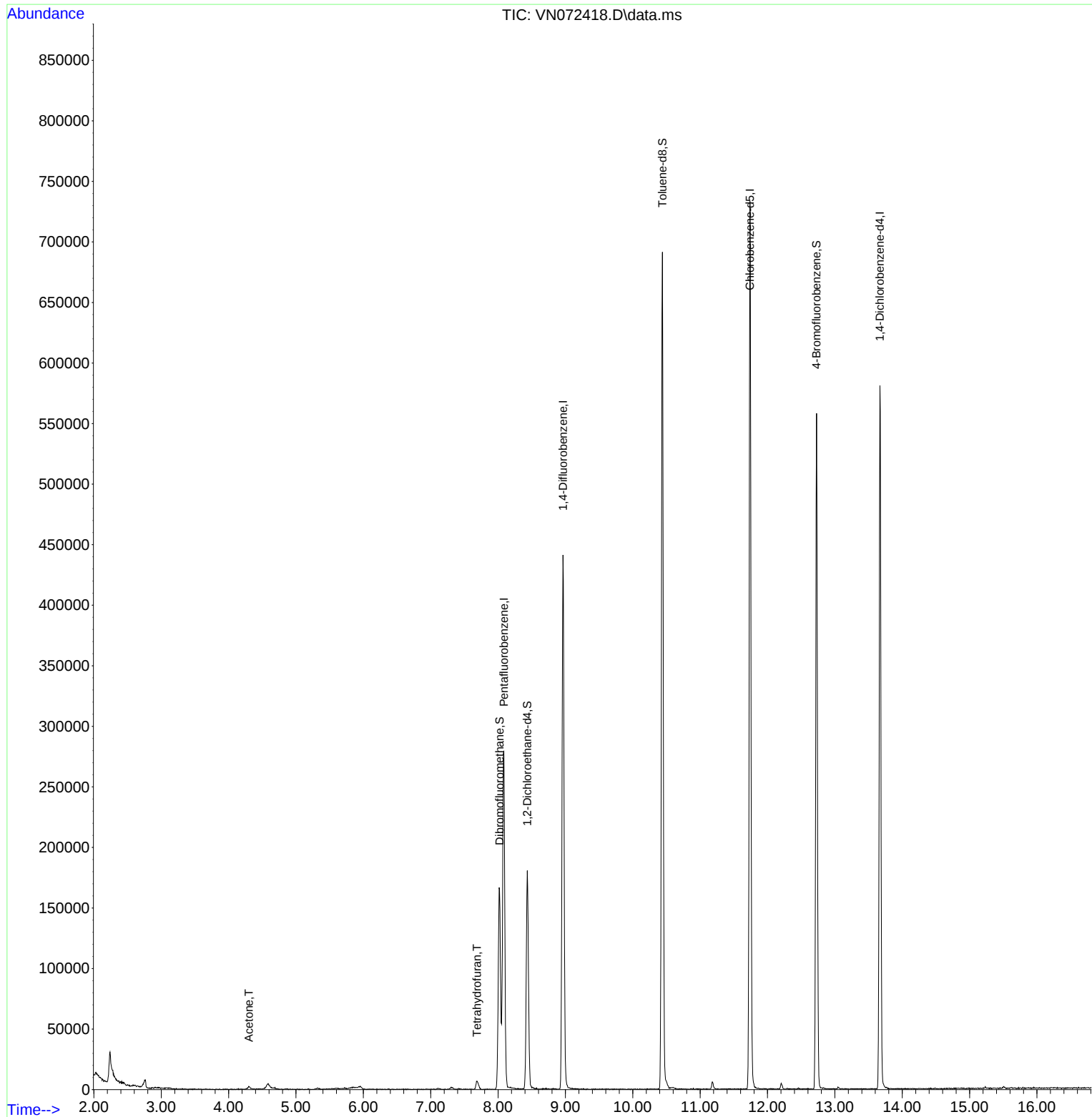
Internal Standards						
1) Pentafluorobenzene	8.086	168	205510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	379497	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	415704	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	162035	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	161014	51.152	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 102.300%			
35) Dibromofluoromethane	8.022	113	120488	47.722	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 95.440%			
50) Toluene-d8	10.439	98	476547	49.559	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.727	95	188658	59.077	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 118.160%			
Target Compounds						
16) Acetone	4.298	43	2967	2.380	ug/l	99
29) Tetrahydrofuran	7.686	42	5298	4.143	ug/l	91

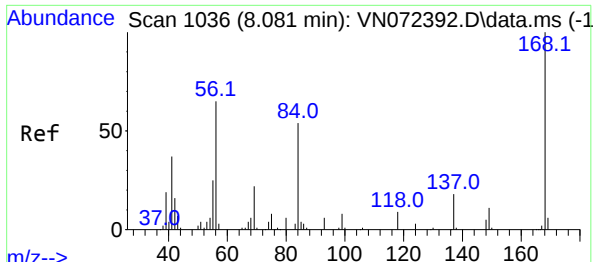
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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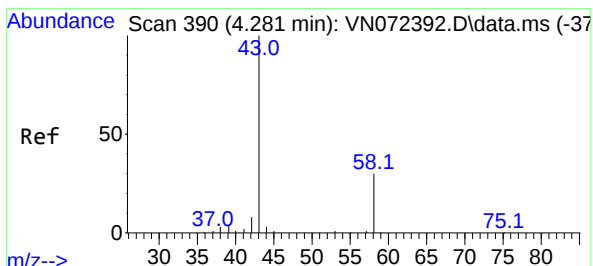
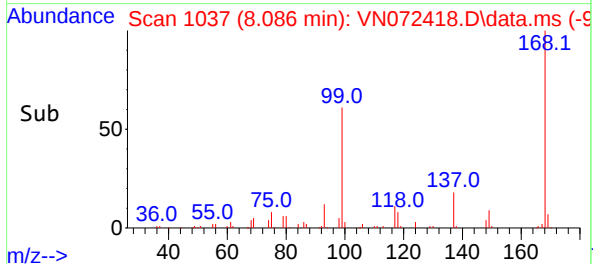
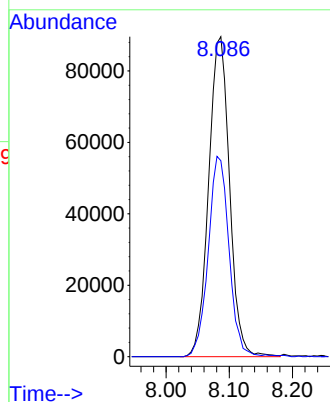
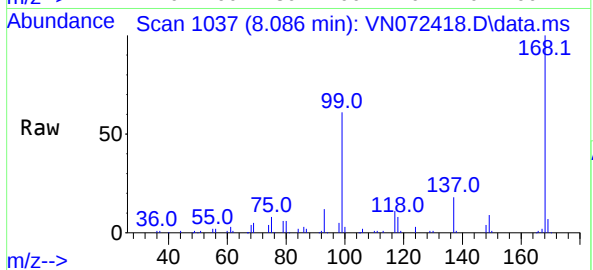




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.086 min Scan# 1036
Delta R.T. 0.005 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

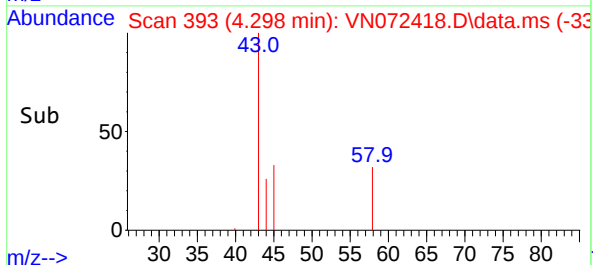
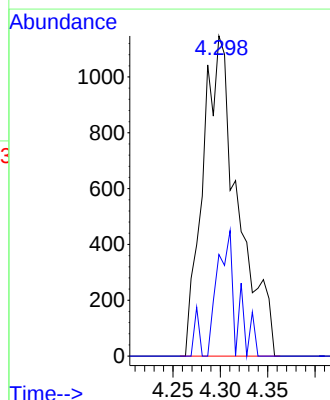
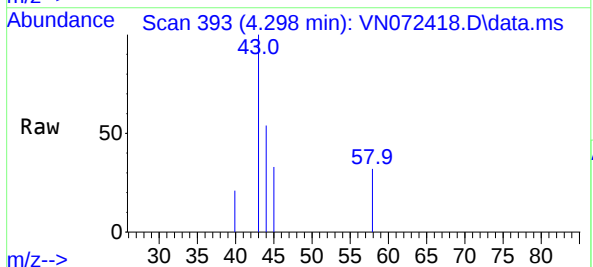
Instrument :
MSVOA_N
ClientSampleId :
RB-220510

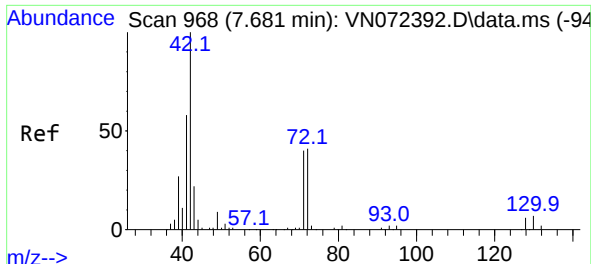
Tgt Ion:168 Resp: 205510
Ion Ratio Lower Upper
168 100
99 61.3 42.3 63.5



#16
Acetone
Concen: 2.380 ug/l
RT: 4.298 min Scan# 393
Delta R.T. 0.017 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

Tgt Ion: 43 Resp: 2967
Ion Ratio Lower Upper
43 100
58 31.7 26.0 39.0





#29

Tetrahydrofuran

Concen: 4.143 ug/l

RT: 7.686 min Scan# 91

Delta R.T. 0.005 min

Lab File: VN072418.D

Acq: 11 May 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

RB-220510

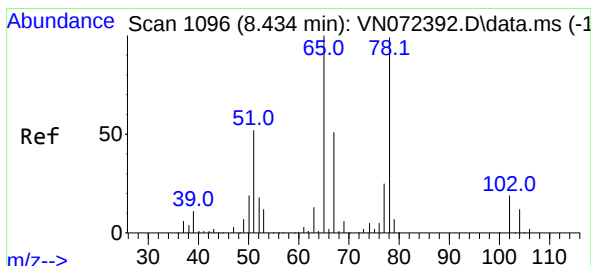
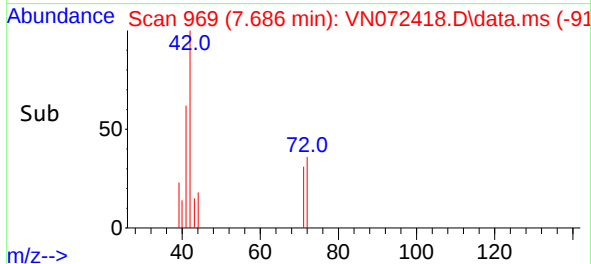
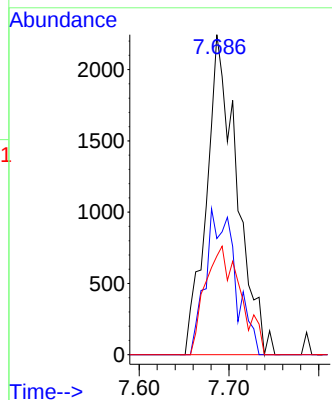
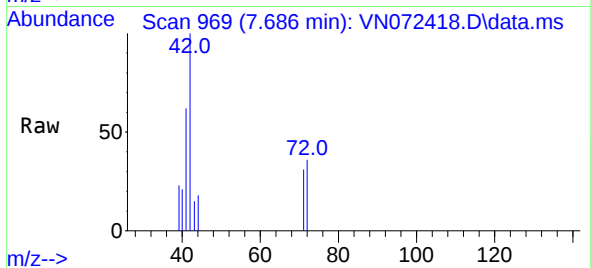
Tgt Ion: 42 Resp: 5298

Ion Ratio Lower Upper

42 100

72 44.2 39.7 59.5

71 39.2 36.6 55.0



#33

1,2-Dichloroethane-d4

Concen: 51.152 ug/l

RT: 8.433 min Scan# 1096

Delta R.T. -0.001 min

Lab File: VN072418.D

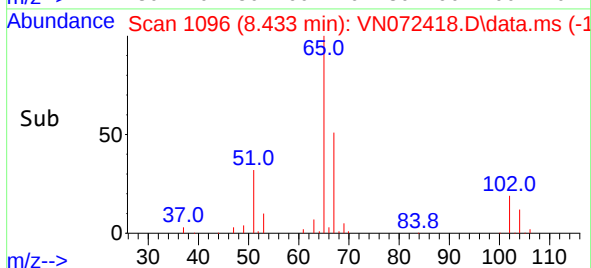
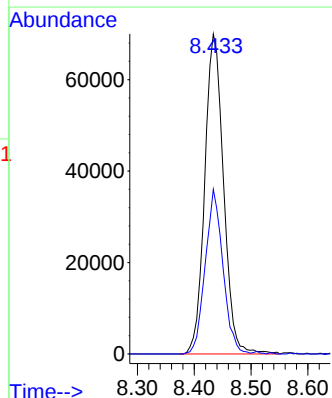
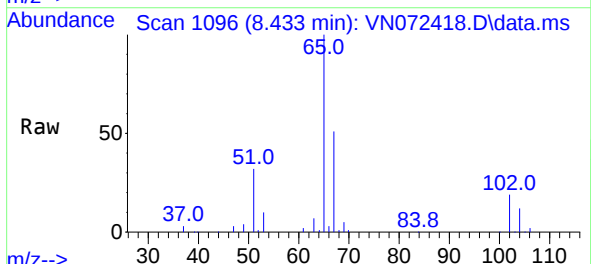
Acq: 11 May 2022 15:40

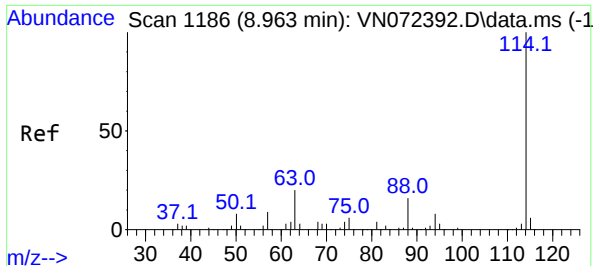
Tgt Ion: 65 Resp: 161014

Ion Ratio Lower Upper

65 100

67 48.4 0.0 104.8





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.963 min Scan# 1186

Delta R.T. -0.000 min

Lab File: VN072418.D

Acq: 11 May 2022 15:40

Instrument :

MSVOA_N

ClientSampleId :

RB-220510

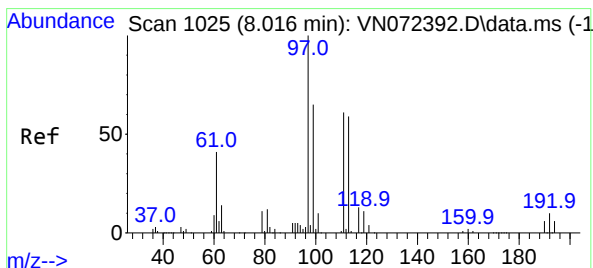
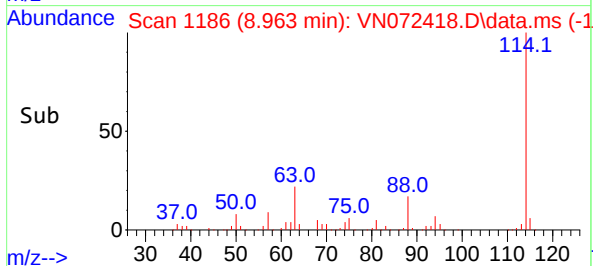
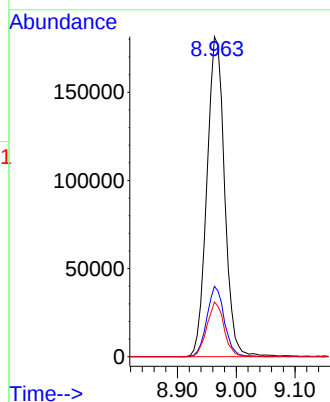
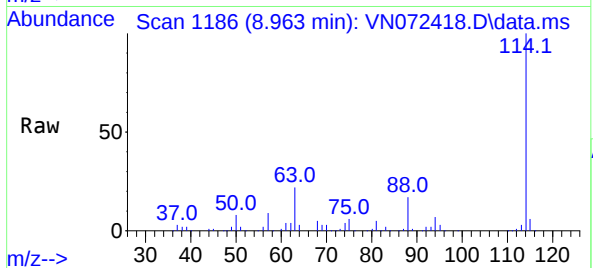
Tgt Ion:114 Resp: 379497

Ion Ratio Lower Upper

114 100

63 22.0 0.0 40.0

88 17.1 0.0 32.6



#35

Dibromofluoromethane

Concen: 47.722 ug/l

RT: 8.022 min Scan# 1026

Delta R.T. 0.006 min

Lab File: VN072418.D

Acq: 11 May 2022 15:40

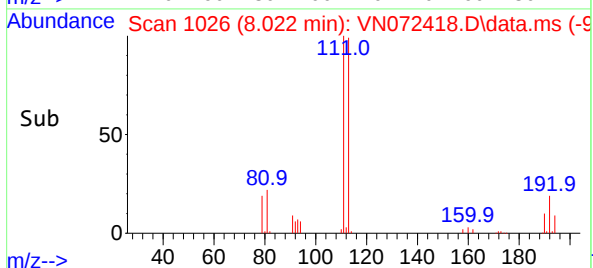
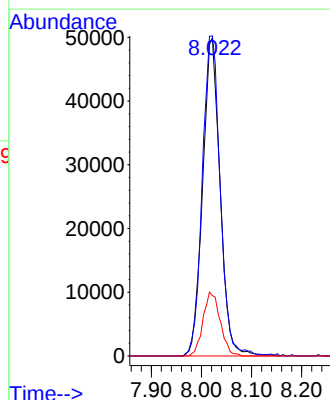
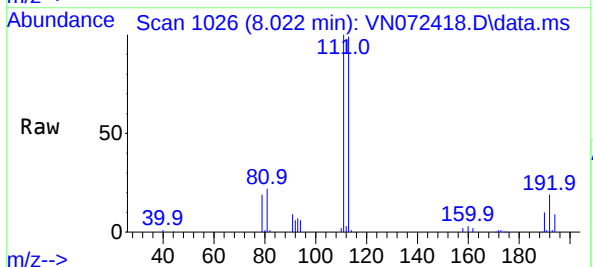
Tgt Ion:113 Resp: 120488

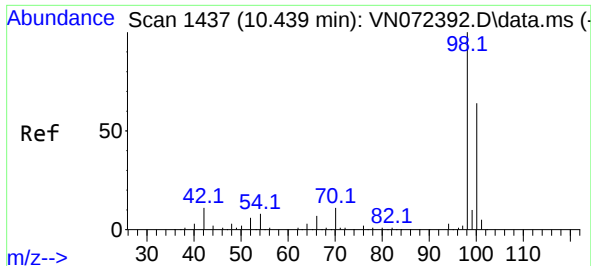
Ion Ratio Lower Upper

113 100

111 103.2 81.4 122.0

192 19.7 17.0 25.6

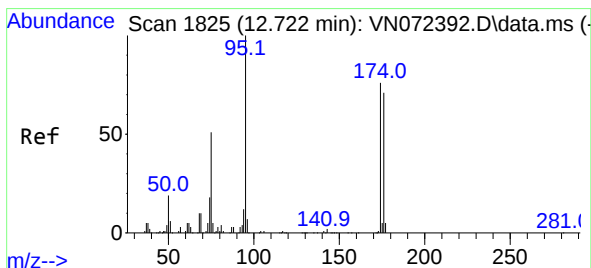
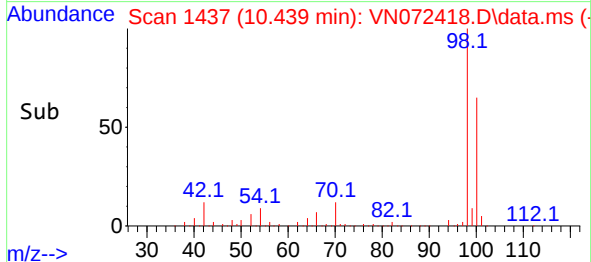
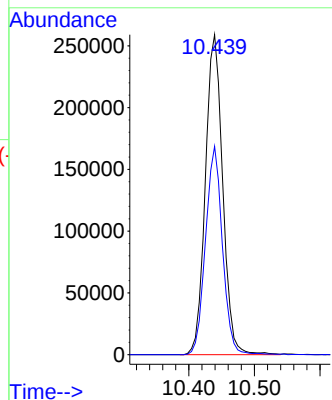
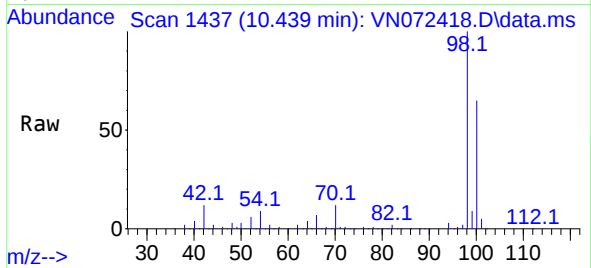




#50
Toluene-d8
Concen: 49.559 ug/l
RT: 10.439 min Scan# 1437
Delta R.T. 0.000 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

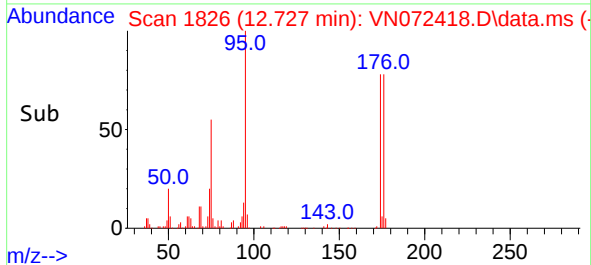
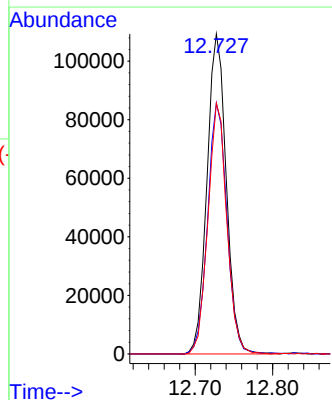
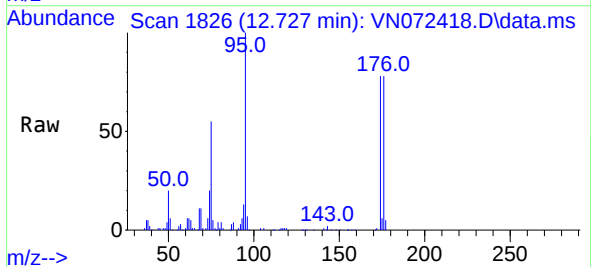
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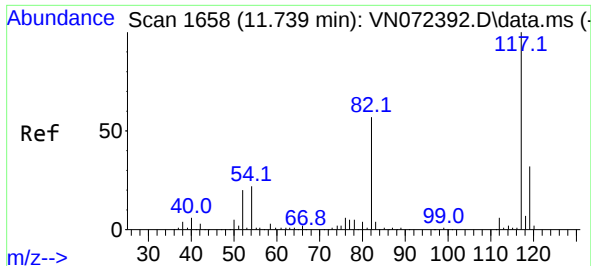
Tgt Ion: 98 Resp: 476547
Ion Ratio Lower Upper
98 100
100 63.7 52.6 78.8



#62
4-Bromofluorobenzene
Concen: 59.077 ug/l
RT: 12.727 min Scan# 1826
Delta R.T. 0.005 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

Tgt Ion: 95 Resp: 188658
Ion Ratio Lower Upper
95 100
174 78.6 0.0 167.6
176 76.7 0.0 163.4

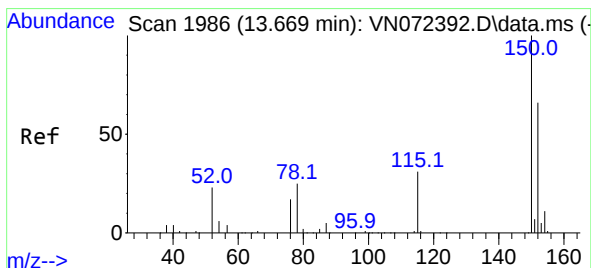
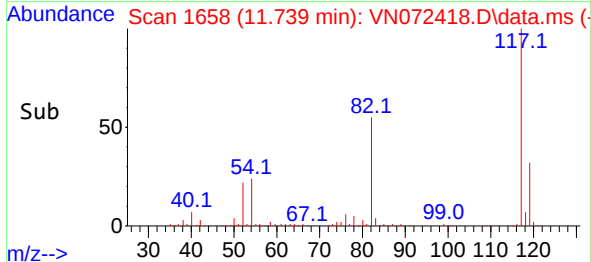
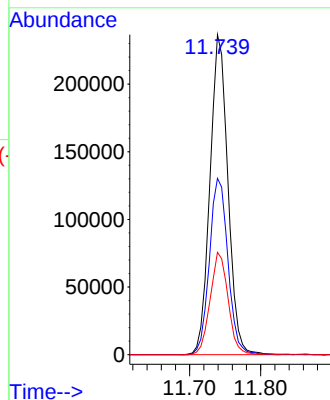
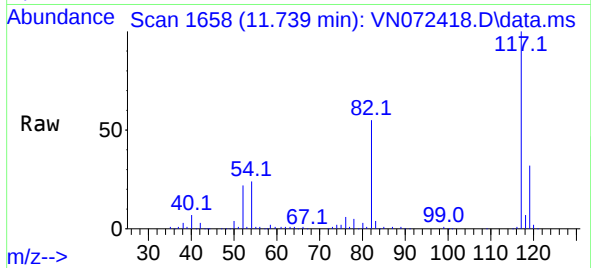




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.739 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

Instrument :
MSVOA_N
ClientSampleId :
RB-220510

Tgt Ion:117 Resp: 415704
Ion Ratio Lower Upper
117 100
82 55.1 44.2 66.2
119 32.0 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.668 min Scan# 1986
Delta R.T. -0.001 min
Lab File: VN072418.D
Acq: 11 May 2022 15:40

Tgt Ion:152 Resp: 162035
Ion Ratio Lower Upper
152 100
115 59.6 28.9 86.7
150 153.5 0.0 356.2

