

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075818.D
 Acq On : 15 Dec 2022 15:23
 Operator : JC\MD
 Sample : N6002-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6N-SUMP

Quant Time: Dec 16 03:10:00 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121422W.M
 Quant Title : SW846 8260
 QLast Update : Wed Dec 14 13:03:41 2022
 Response via : Initial Calibration

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

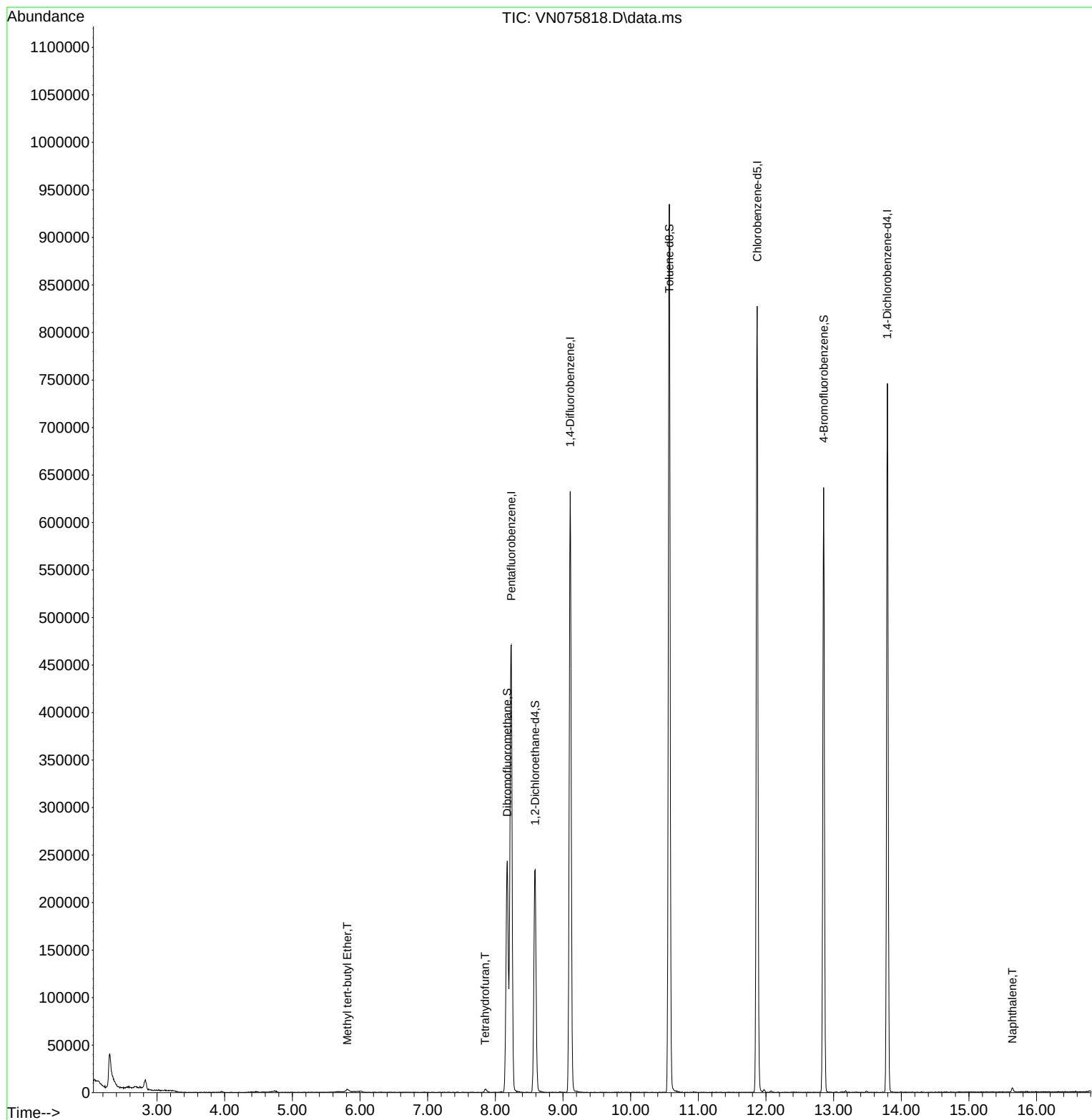
Internal Standards						
1) Pentafluorobenzene	8.235	168	370735	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	583323	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	501153	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	210545	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	188945	46.847	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.700%
35) Dibromofluoromethane	8.177	113	172899	47.862	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.720%
50) Toluene-d8	10.571	98	672461	49.788	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.580%
62) 4-Bromofluorobenzene	12.853	95	209691	46.874	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	93.740%
Target Compounds						
					Qvalue	
19) Methyl tert-butyl Ether	5.812	73	5008	0.463	ug/l	100
29) Tetrahydrofuran	7.847	42	2341	1.919	ug/l	98
95) Naphthalene	15.641	128	5161	2.608	ug/l #	95

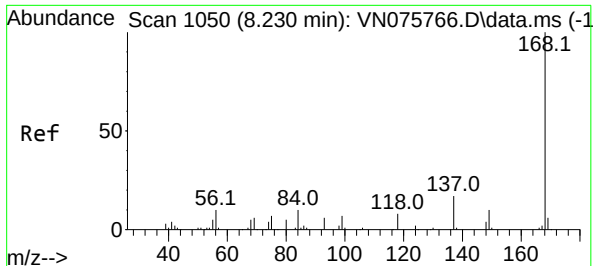
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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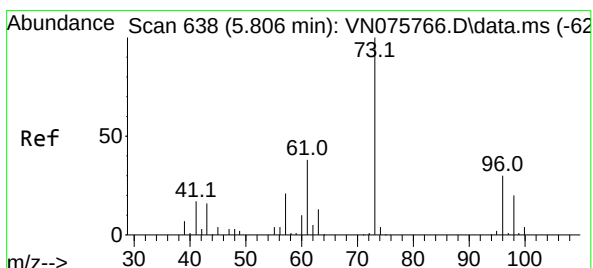
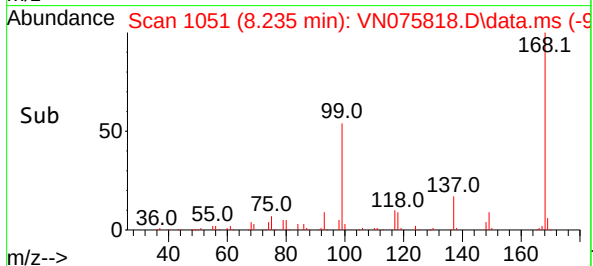
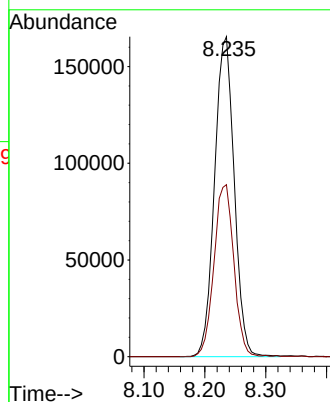
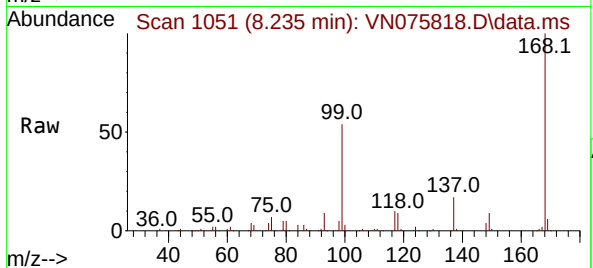




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1050
Delta R.T. 0.005 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

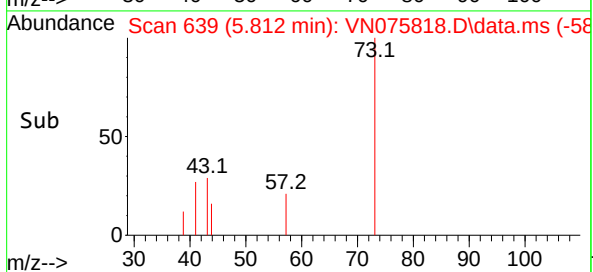
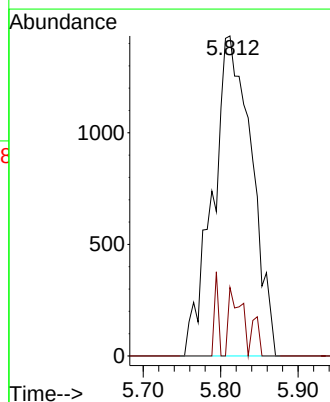
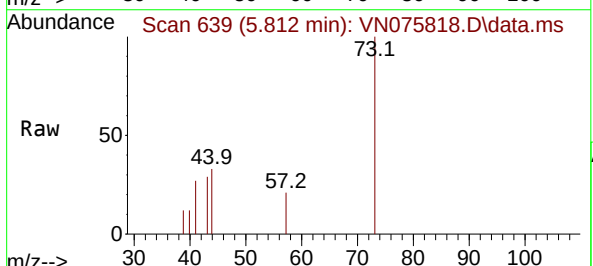
Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

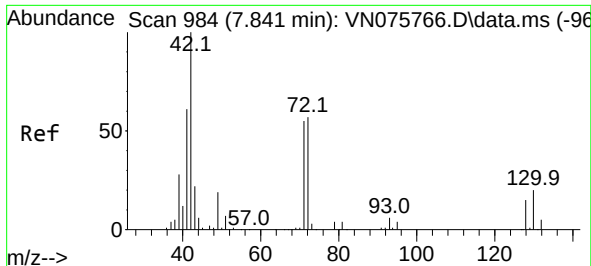
Tgt Ion:168 Resp: 370735
Ion Ratio Lower Upper
168 100
99 53.8 44.2 66.4



#19
Methyl tert-butyl Ether
Concen: 0.463 ug/l
RT: 5.812 min Scan# 639
Delta R.T. 0.006 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

Tgt Ion: 73 Resp: 5008
Ion Ratio Lower Upper
73 100
57 21.4 17.1 25.7





#29

Tetrahydrofuran

Concen: 1.919 ug/l

RT: 7.847 min Scan# 91

Delta R.T. 0.006 min

Lab File: VN075818.D

Acq: 15 Dec 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

6N-SUMP

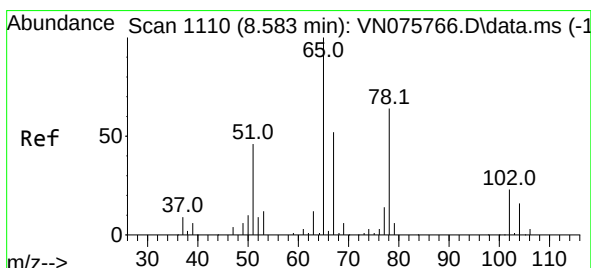
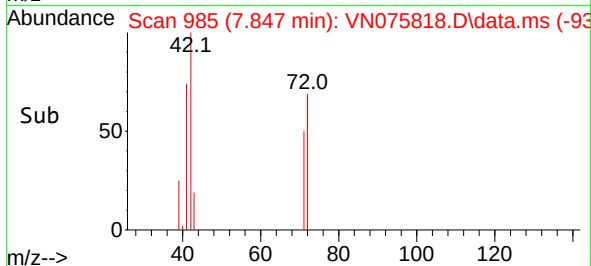
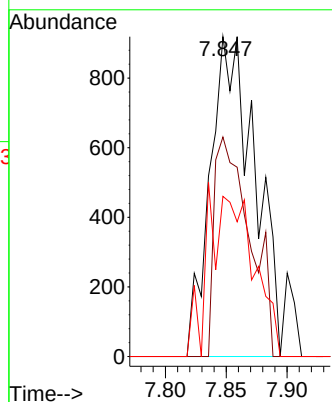
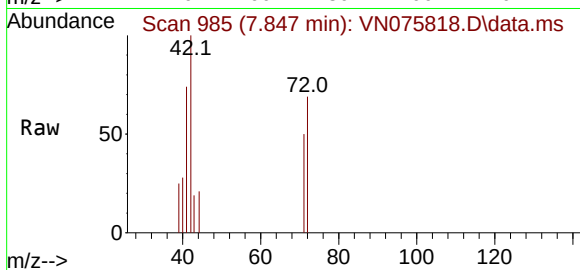
Tgt Ion: 42 Resp: 2341

Ion Ratio Lower Upper

42 100

72 54.3 44.5 66.7

71 52.7 41.0 61.6



#33

1,2-Dichloroethane-d4

Concen: 46.847 ug/l

RT: 8.588 min Scan# 1111

Delta R.T. 0.006 min

Lab File: VN075818.D

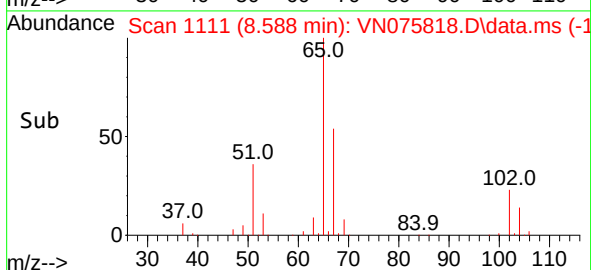
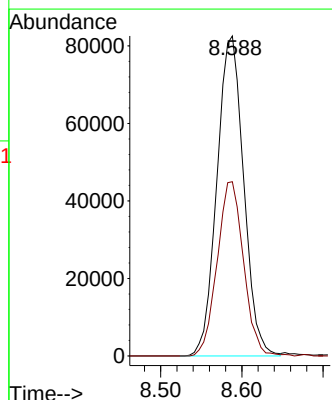
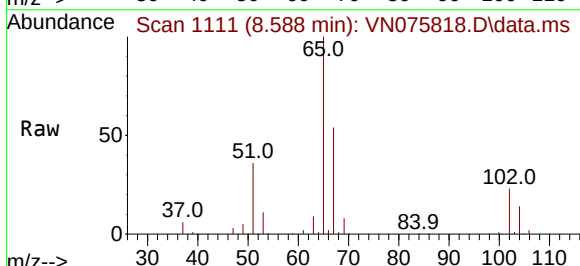
Acq: 15 Dec 2022 15:23

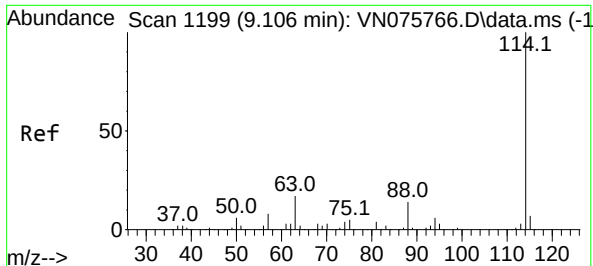
Tgt Ion: 65 Resp: 188945

Ion Ratio Lower Upper

65 100

67 53.7 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1199

Delta R.T. -0.000 min

Lab File: VN075818.D

Acq: 15 Dec 2022 15:23

Instrument :

MSVOA_N

ClientSampleId :

6N-SUMP

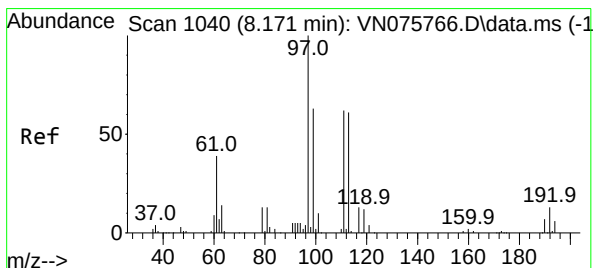
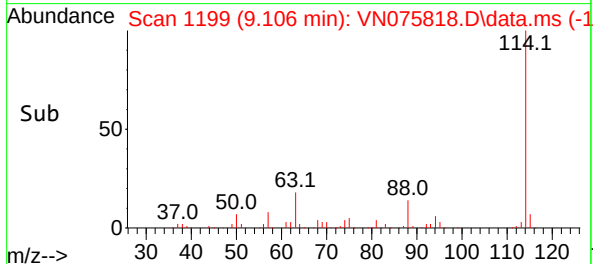
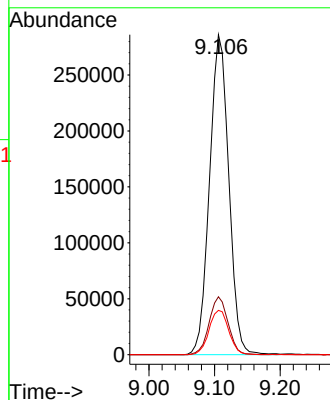
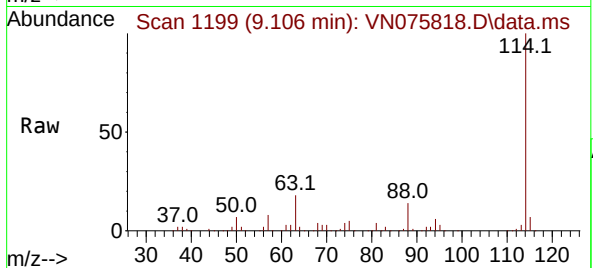
Tgt Ion:114 Resp: 583323

Ion Ratio Lower Upper

114 100

63 18.1 0.0 34.4

88 13.9 0.0 28.8



#35

Dibromofluoromethane

Concen: 47.862 ug/l

RT: 8.177 min Scan# 1041

Delta R.T. 0.006 min

Lab File: VN075818.D

Acq: 15 Dec 2022 15:23

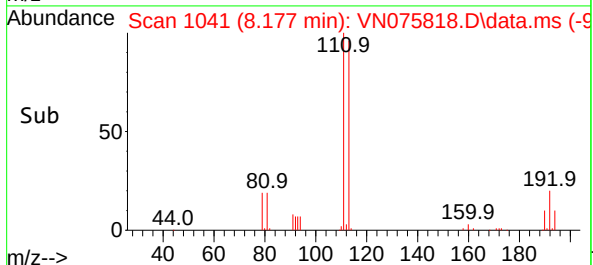
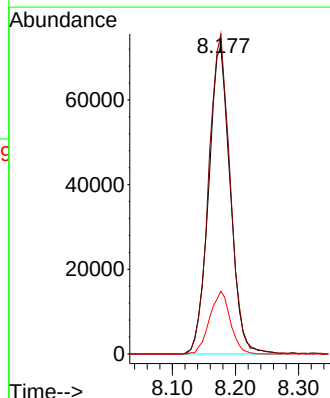
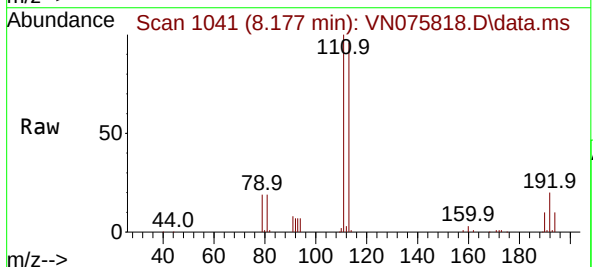
Tgt Ion:113 Resp: 172899

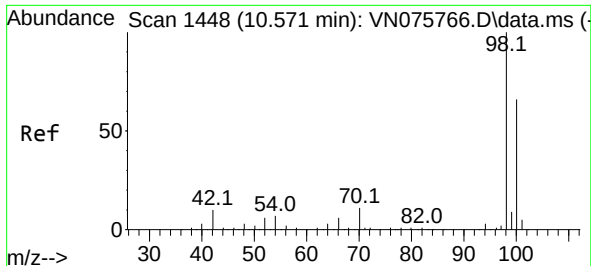
Ion Ratio Lower Upper

113 100

111 103.3 83.4 125.2

192 19.5 16.1 24.1

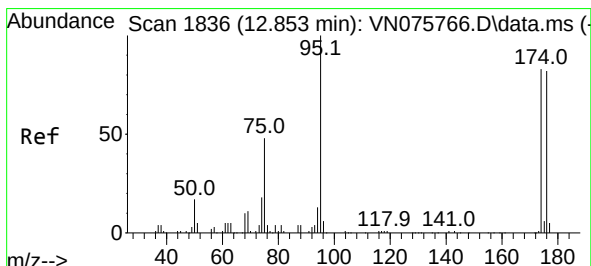
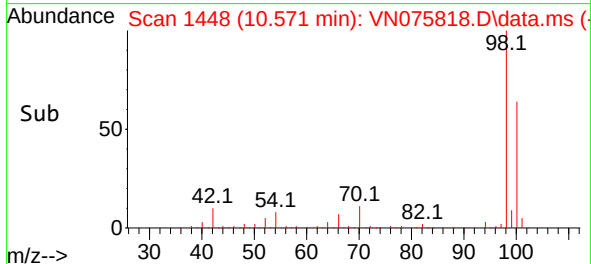
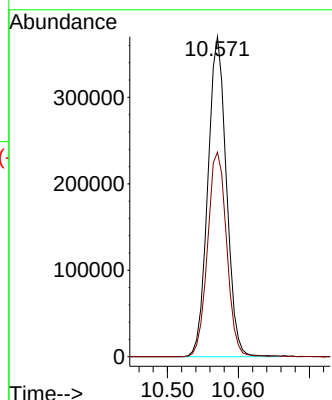
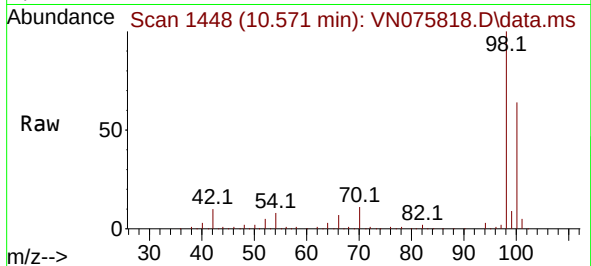




#50
Toluene-d8
Concen: 49.788 ug/l
RT: 10.571 min Scan# 1448
Delta R.T. -0.000 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

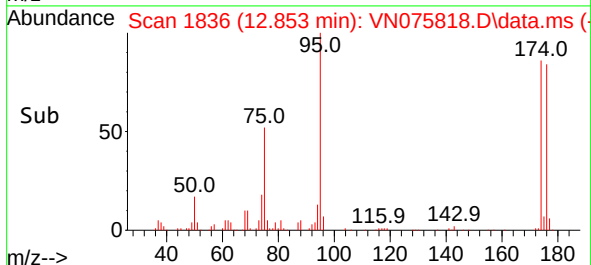
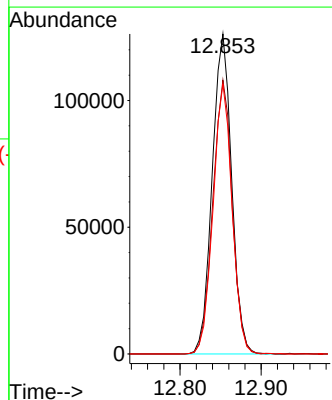
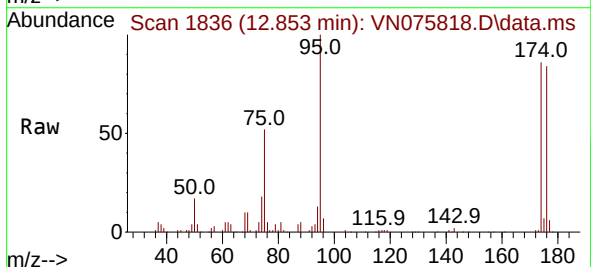
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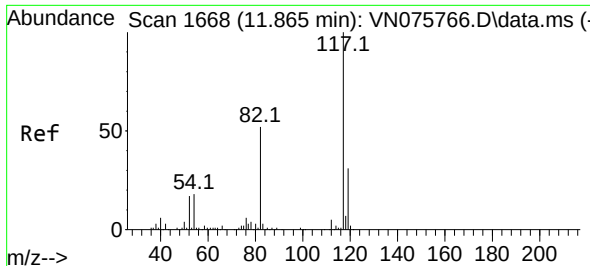
Tgt Ion: 98 Resp: 672461
Ion Ratio Lower Upper
98 100
100 65.7 52.1 78.1



#62
4-Bromofluorobenzene
Concen: 46.874 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

Tgt Ion: 95 Resp: 209691
Ion Ratio Lower Upper
95 100
174 85.7 0.0 171.6
176 82.9 0.0 169.2

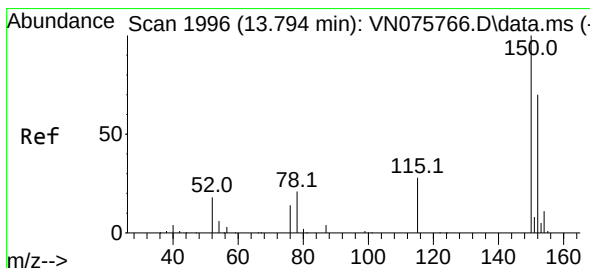
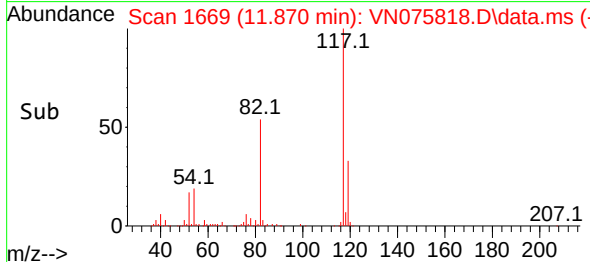
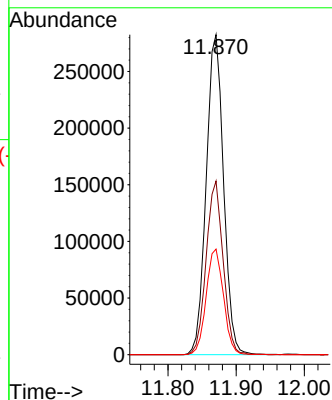
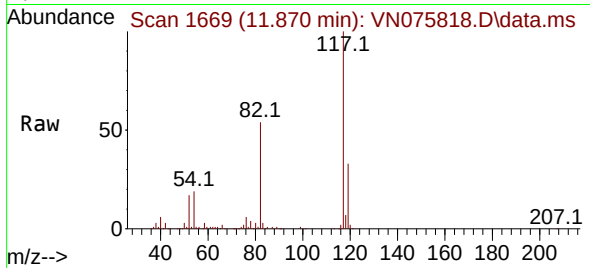




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

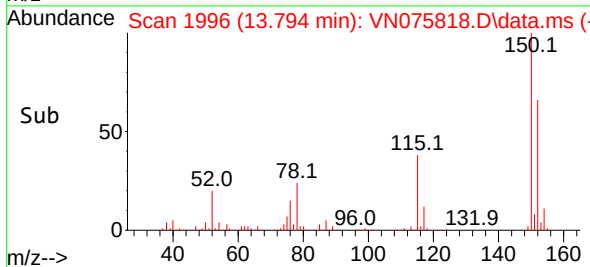
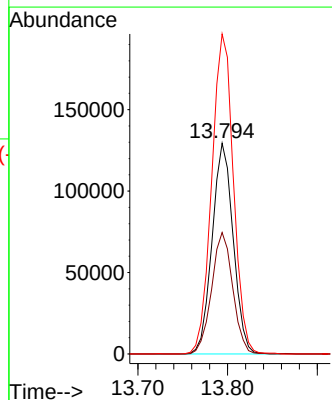
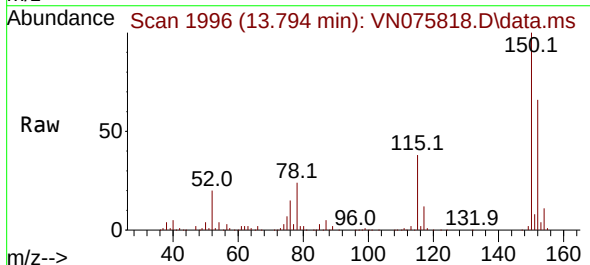
Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

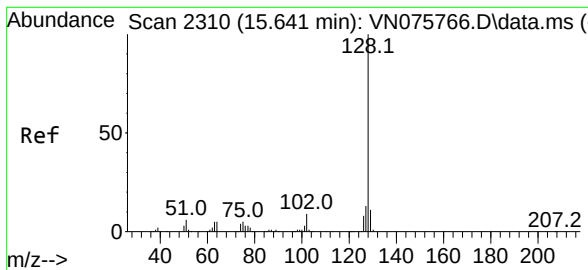
Tgt Ion:117 Resp: 501153
Ion Ratio Lower Upper
117 100
82 54.3 41.3 61.9
119 33.0 24.6 37.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

Tgt Ion:152 Resp: 210545
Ion Ratio Lower Upper
152 100
115 57.9 29.1 87.4
150 156.5 0.0 347.0





#95
Naphthalene
Concen: 2.608 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN075818.D
Acq: 15 Dec 2022 15:23

Instrument :
MSVOA_N
ClientSampleId :
6N-SUMP

Tgt Ion:	128	Resp:	5161
Ion Ratio	Lower	Upper	
128	100		
127	12.7	10.4	15.6
129	7.6	8.7	13.1#

