

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121522\
 Data File : VN075817.D
 Acq On : 15 Dec 2022 14:59
 Operator : JC\MD
 Sample : N6002-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 6N-EFF-1222

Quant Time: Dec 16 03:09:44 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)

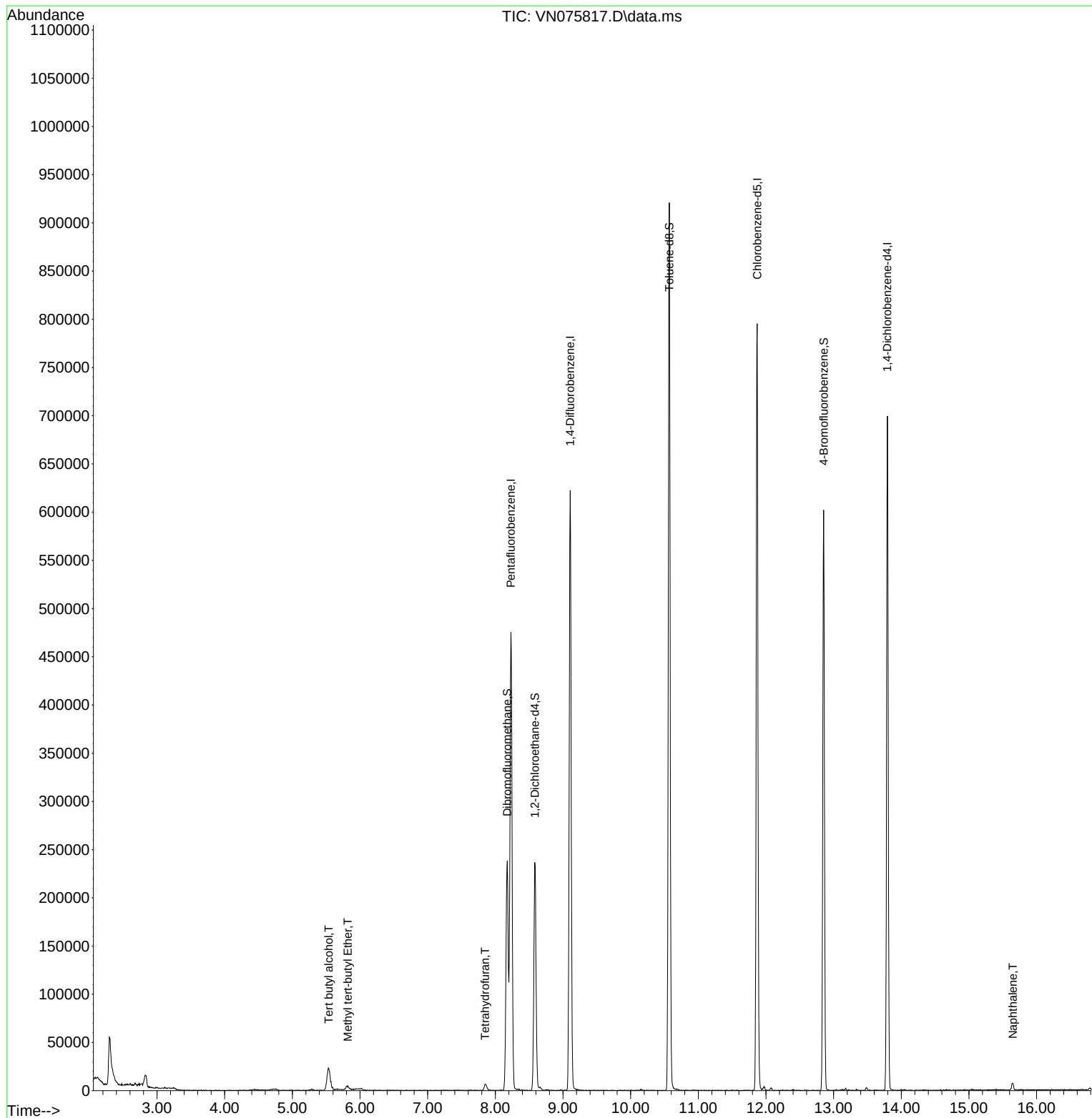
Internal Standards						
1) Pentafluorobenzene	8.229	168	371274	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	575907	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	493592	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	197307	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	189743	46.976	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	93.960%
35) Dibromofluoromethane	8.177	113	172684	48.418	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.840%
50) Toluene-d8	10.570	98	661754	49.626	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.260%
62) 4-Bromofluorobenzene	12.853	95	199681	45.211	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.420%
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.535	59	43132	75.468	ug/l	99
19) Methyl tert-butyl Ether	5.818	73	6952	0.642	ug/l #	82
29) Tetrahydrofuran	7.847	42	4937	4.041	ug/l #	91
95) Naphthalene	15.647	128	8765	2.958	ug/l	97

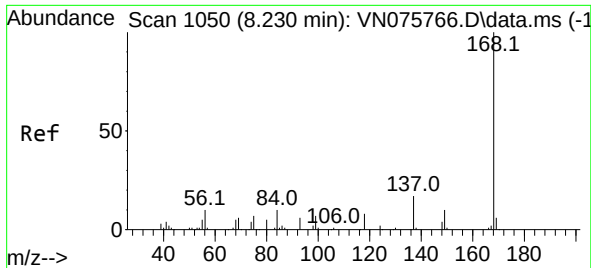
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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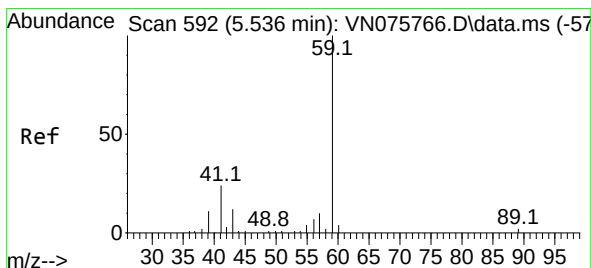
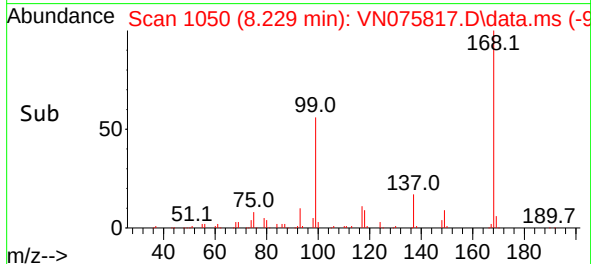
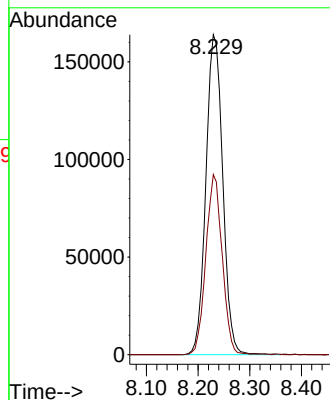
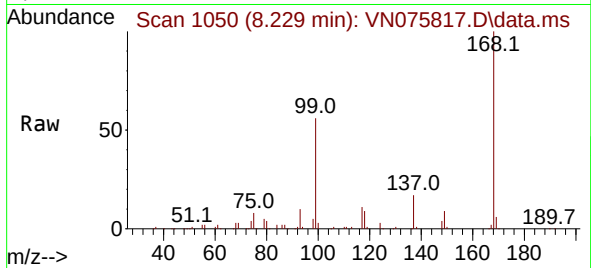




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1050
Delta R.T. -0.001 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

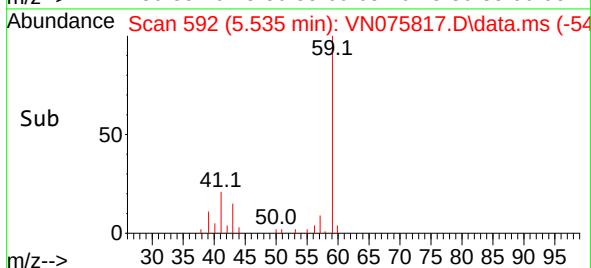
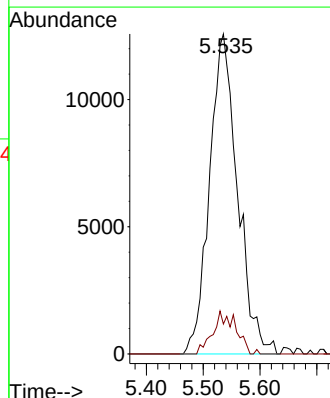
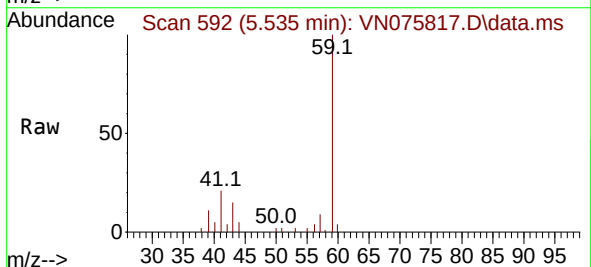
Instrument :
MSVOA_N
ClientSampleId :
6N-EFF-1222

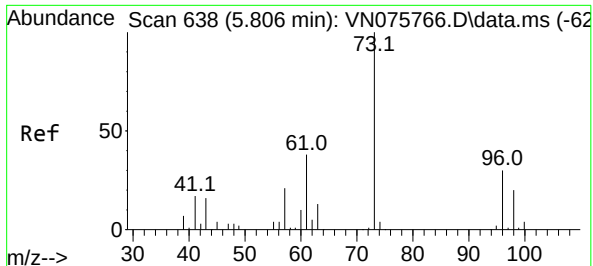
Tgt Ion:168 Resp: 371274
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#11
Tert butyl alcohol
Concen: 75.468 ug/l
RT: 5.535 min Scan# 592
Delta R.T. -0.000 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 59 Resp: 43132
Ion Ratio Lower Upper
59 100
57 10.8 8.2 12.4





#19

Methyl tert-butyl Ether

Concen: 0.642 ug/l

RT: 5.818 min Scan# 640

Delta R.T. 0.012 min

Lab File: VN075817.D

Acq: 15 Dec 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

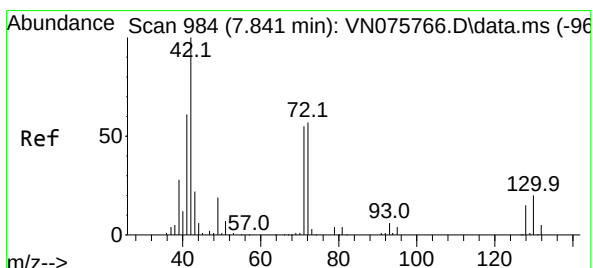
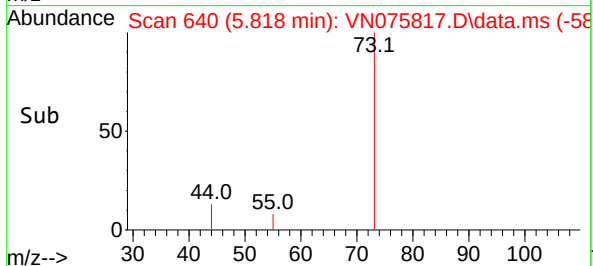
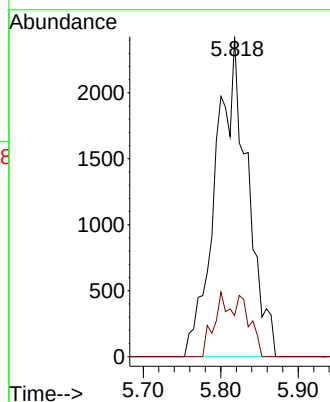
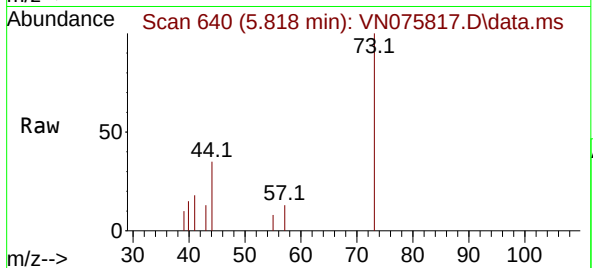
6N-EFF-1222

Tgt Ion: 73 Resp: 6952

Ion Ratio Lower Upper

73 100

57 12.9 17.1 25.7#



#29

Tetrahydrofuran

Concen: 4.041 ug/l

RT: 7.847 min Scan# 985

Delta R.T. 0.006 min

Lab File: VN075817.D

Acq: 15 Dec 2022 14:59

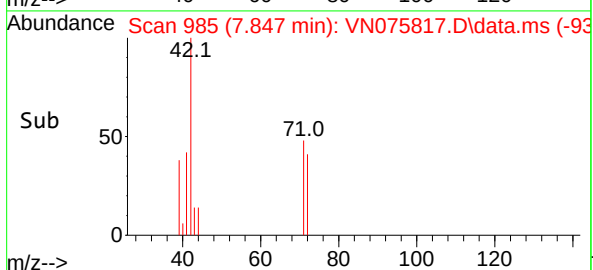
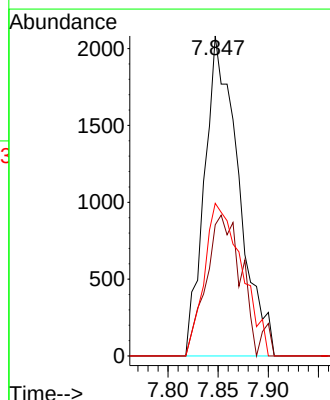
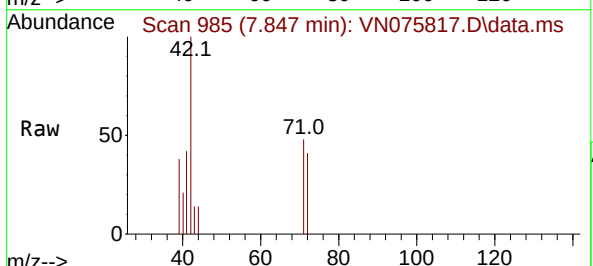
Tgt Ion: 42 Resp: 4937

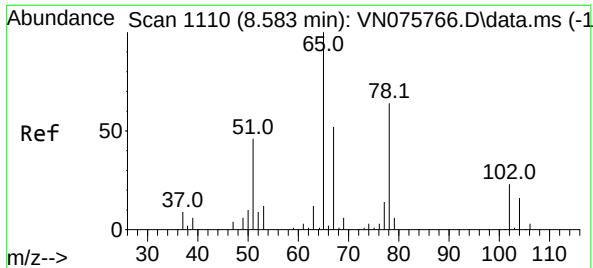
Ion Ratio Lower Upper

42 100

72 44.3 44.5 66.7#

71 52.2 41.0 61.6





#33

1,2-Dichloroethane-d4

Concen: 46.976 ug/l

RT: 8.582 min Scan# 1110

Delta R.T. -0.000 min

Lab File: VN075817.D

Acq: 15 Dec 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

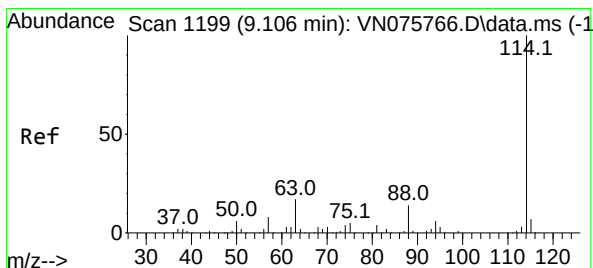
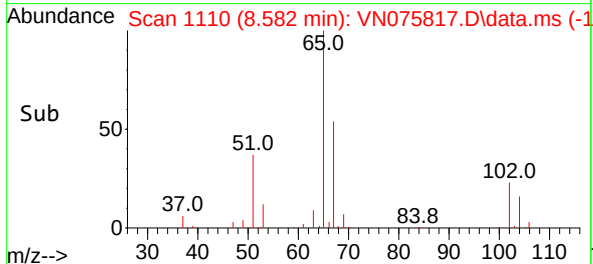
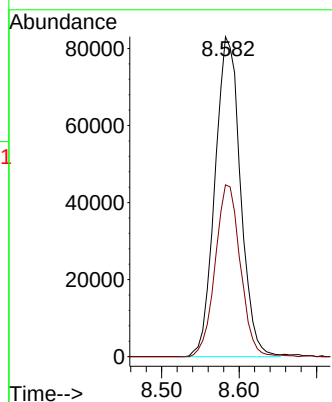
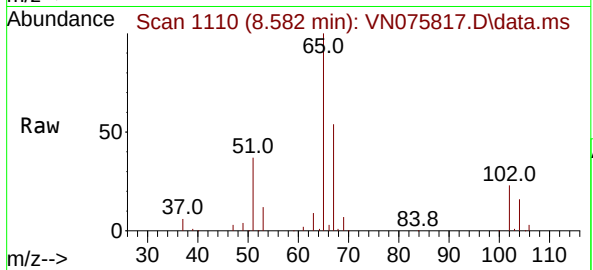
6N-EFF-1222

Tgt Ion: 65 Resp: 189743

Ion Ratio Lower Upper

65 100

67 53.1 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: VN075817.D

Acq: 15 Dec 2022 14:59

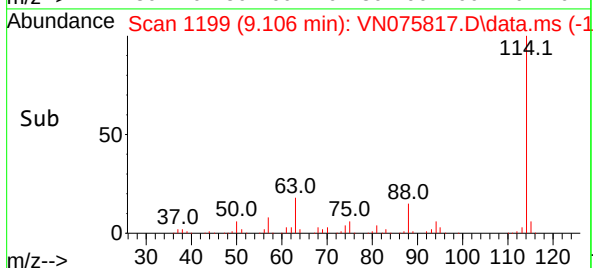
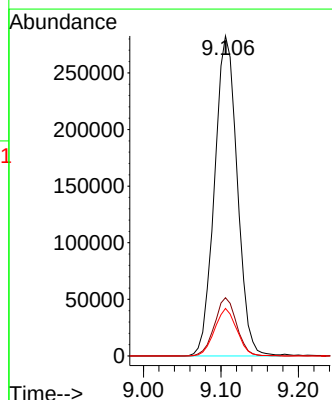
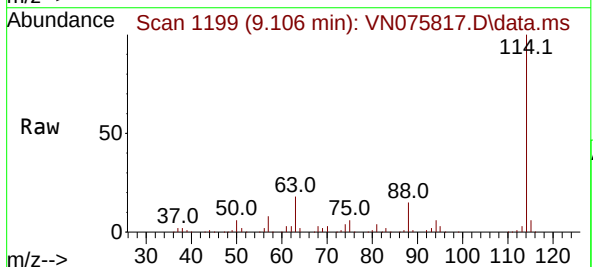
Tgt Ion: 114 Resp: 575907

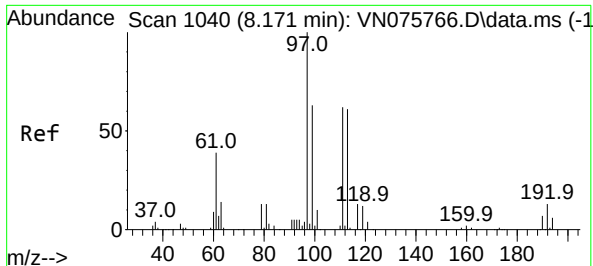
Ion Ratio Lower Upper

114 100

63 18.2 0.0 34.4

88 14.9 0.0 28.8





#35

Dibromofluoromethane

Concen: 48.418 ug/l

RT: 8.177 min Scan# 1040

Delta R.T. 0.006 min

Lab File: VN075817.D

Acq: 15 Dec 2022 14:59

Instrument :

MSVOA_N

ClientSampleId :

6N-EFF-1222

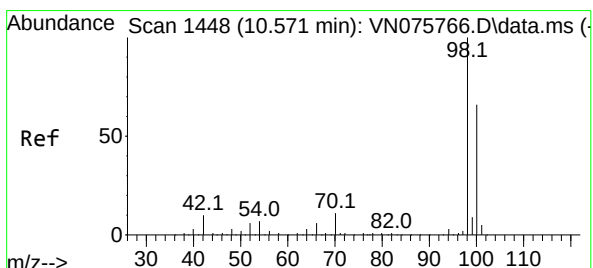
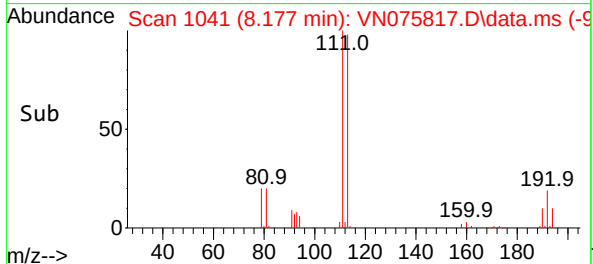
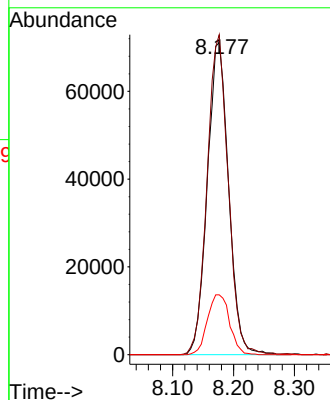
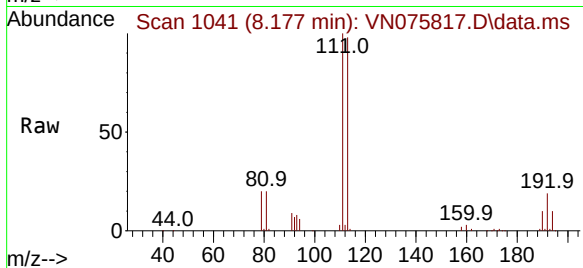
Tgt Ion:113 Resp: 172684

Ion Ratio Lower Upper

113 100

111 101.6 83.4 125.2

192 20.0 16.1 24.1



#50

Toluene-d8

Concen: 49.626 ug/l

RT: 10.570 min Scan# 1448

Delta R.T. -0.000 min

Lab File: VN075817.D

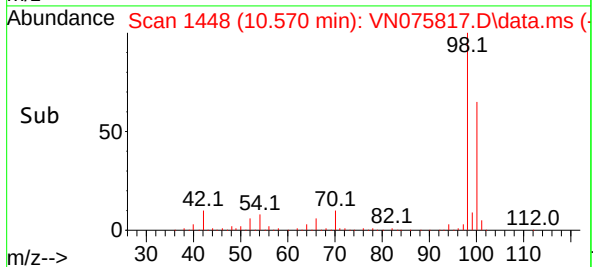
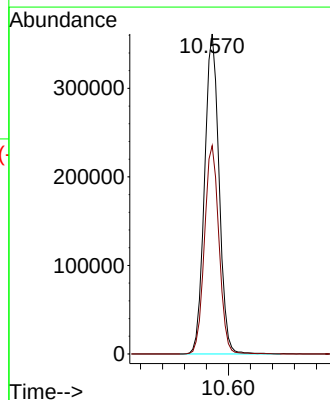
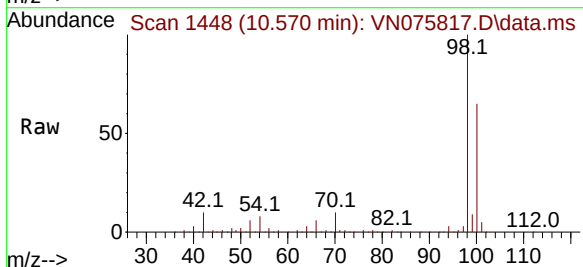
Acq: 15 Dec 2022 14:59

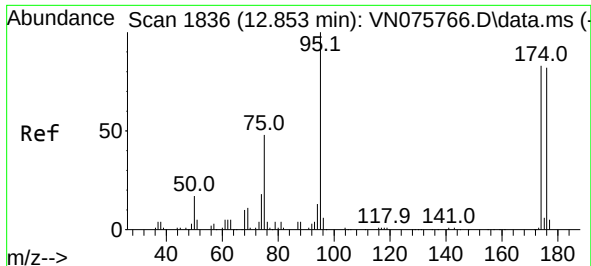
Tgt Ion: 98 Resp: 661754

Ion Ratio Lower Upper

98 100

100 65.0 52.1 78.1

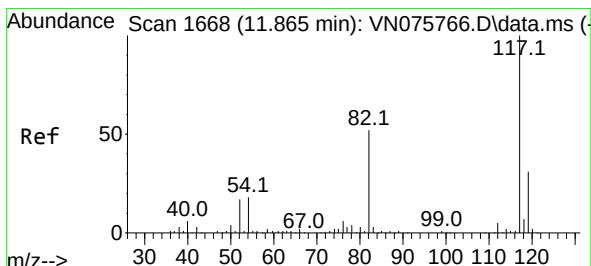
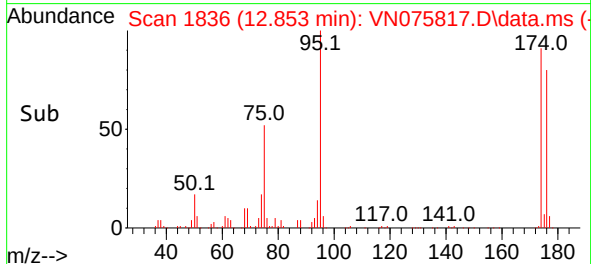
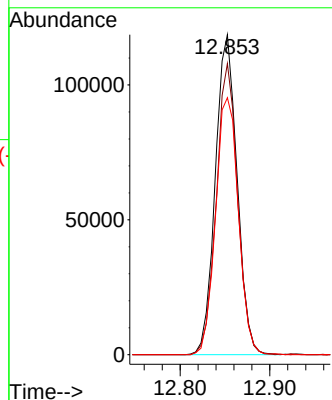
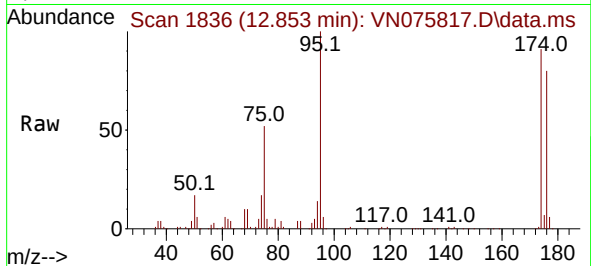




#62
4-Bromofluorobenzene
Concen: 45.211 ug/l
RT: 12.853 min Scan# 1836
Delta R.T. -0.000 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

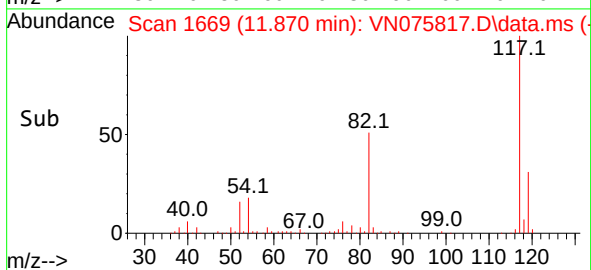
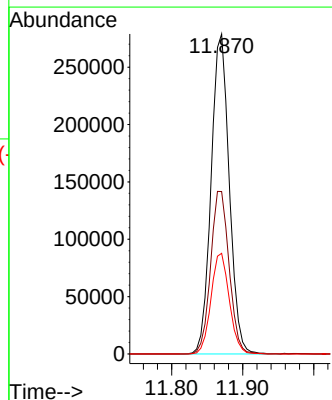
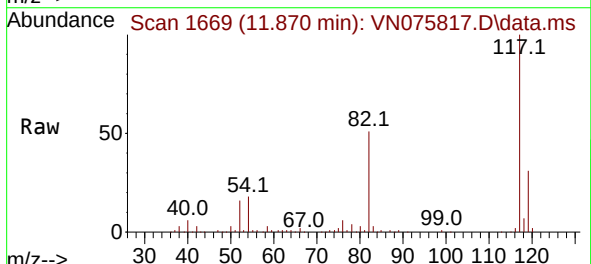
Instrument :
MSVOA_N
ClientSampleId :
6N-EFF-1222

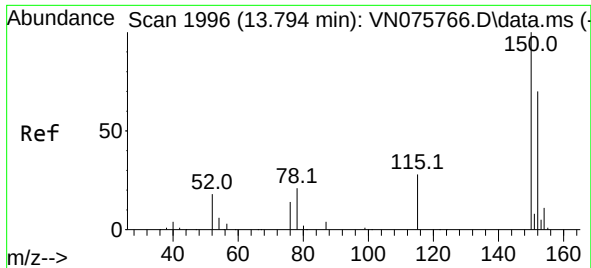
Tgt Ion: 95 Resp: 199681
Ion Ratio Lower Upper
95 100
174 89.1 0.0 171.6
176 84.2 0.0 169.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 1669
Delta R.T. 0.006 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

Tgt Ion: 117 Resp: 493592
Ion Ratio Lower Upper
117 100
82 50.8 41.3 61.9
119 31.4 24.6 37.0

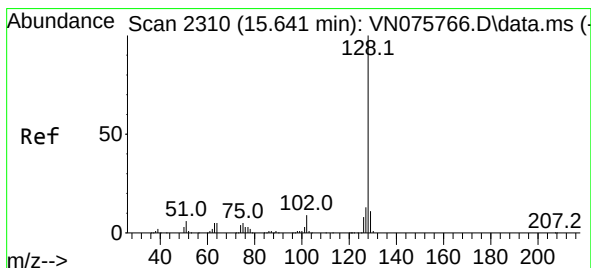
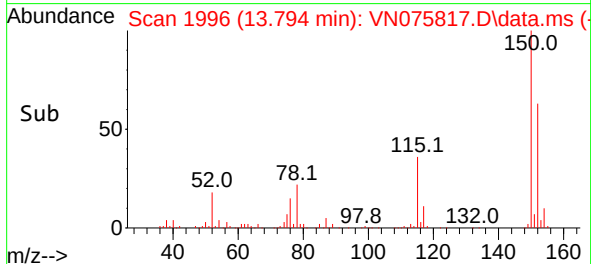
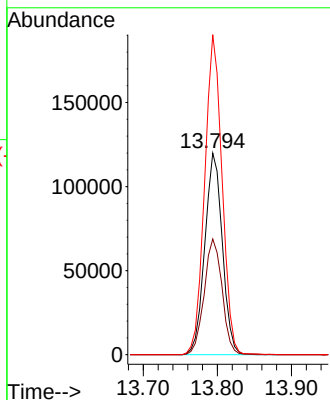
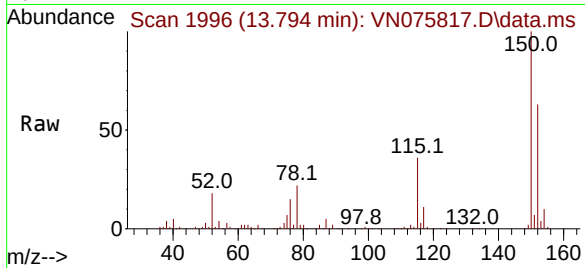




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 1996
Delta R.T. -0.000 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

Instrument :
MSVOA_N
ClientSampleId :
6N-EFF-1222

Tgt Ion:152 Resp: 197307
Ion Ratio Lower Upper
152 100
115 58.4 29.1 87.4
150 157.2 0.0 347.0



#95
Naphthalene
Concen: 2.958 ug/l
RT: 15.647 min Scan# 2311
Delta R.T. 0.006 min
Lab File: VN075817.D
Acq: 15 Dec 2022 14:59

Tgt Ion:128 Resp: 8765
Ion Ratio Lower Upper
128 100
127 13.6 10.4 15.6
129 8.8 8.7 13.1

