

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052623\
 Data File : VN077932.D
 Acq On : 26 May 2023 17:05
 Operator : JC\MD
 Sample : 02955-16
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07

Quant Time: May 29 00:31:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 04:07:42 2023
 Response via : Initial Calibration

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

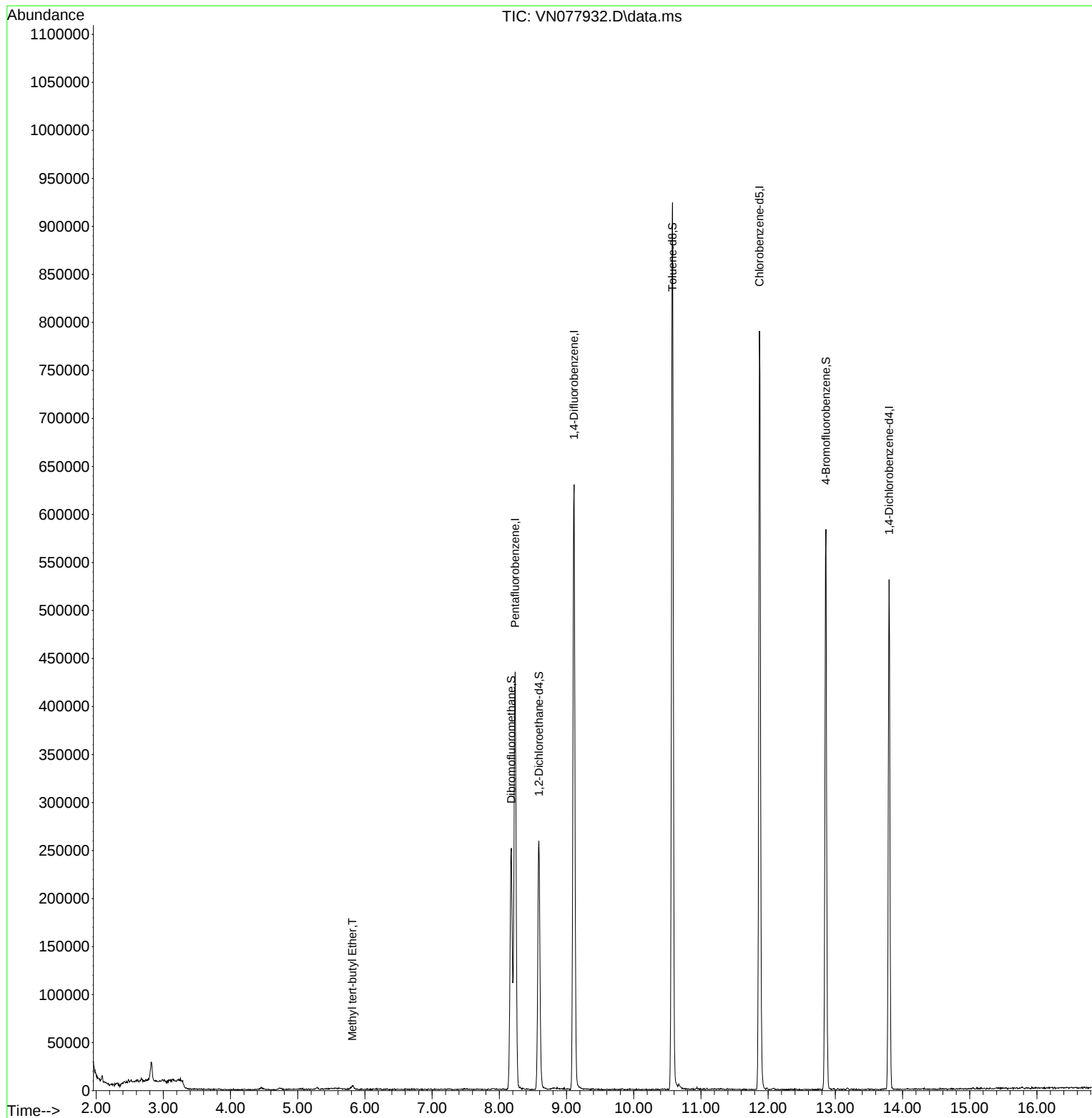
Internal Standards						
1) Pentafluorobenzene	8.236	168	307585	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	556760	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	481115	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	144439	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	212601	46.195	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.380%
35) Dibromofluoromethane	8.177	113	182064	50.148	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.300%
50) Toluene-d8	10.577	98	680023	48.662	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.320%
62) 4-Bromofluorobenzene	12.859	95	215757	43.716	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.440%
Target Compounds						
19) Methyl tert-butyl Ether	5.812	73	5335	0.456	ug/l	# 91

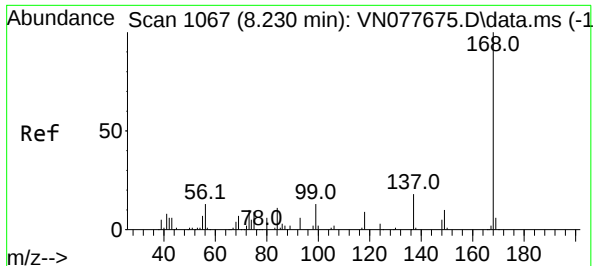
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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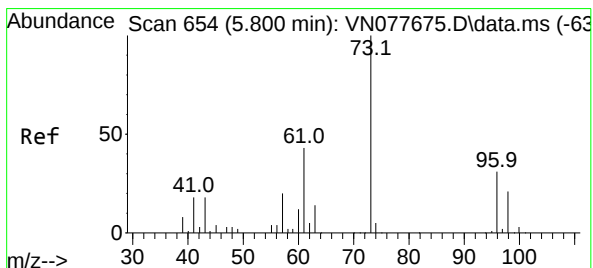
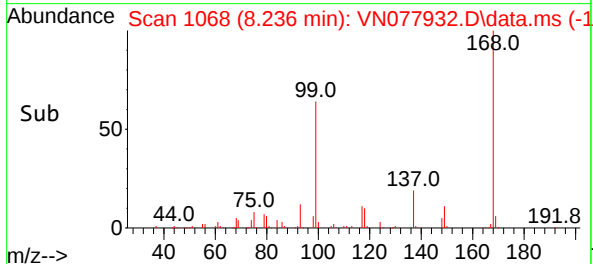
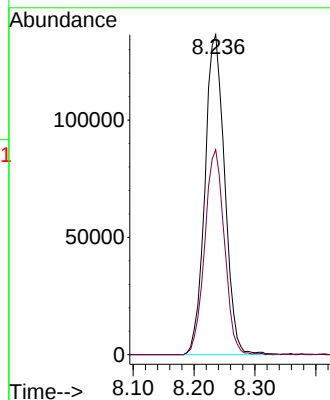
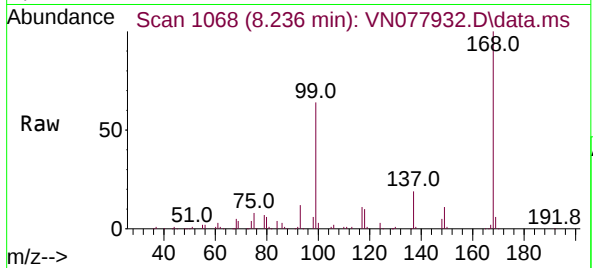




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077932.D
Acq: 26 May 2023 17:05

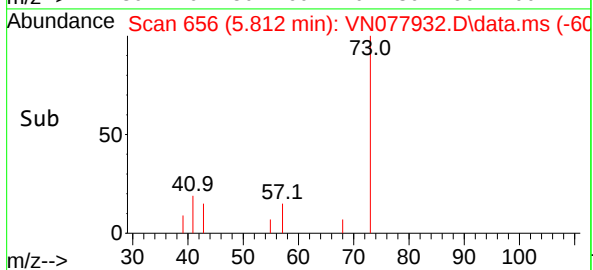
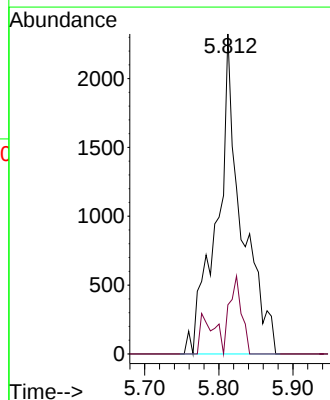
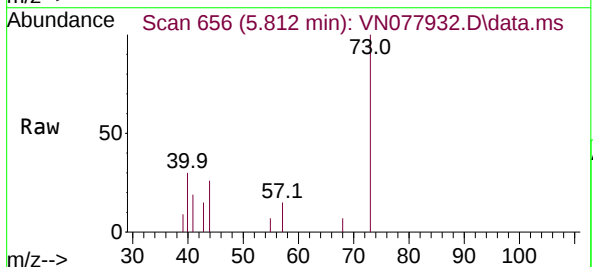
Instrument :
MSVOA_N
ClientSampleId :
DUP07

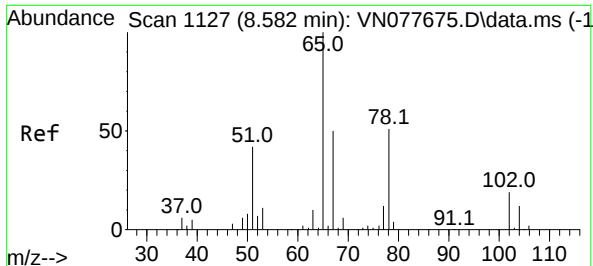
Tgt Ion:168 Resp: 307585
Ion Ratio Lower Upper
168 100
99 64.1 53.0 79.6



#19
Methyl tert-butyl Ether
Concen: 0.456 ug/l
RT: 5.812 min Scan# 656
Delta R.T. 0.012 min
Lab File: VN077932.D
Acq: 26 May 2023 17:05

Tgt Ion: 73 Resp: 5335
Ion Ratio Lower Upper
73 100
57 15.4 15.6 23.4#

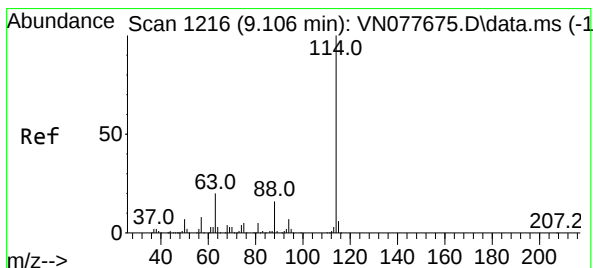
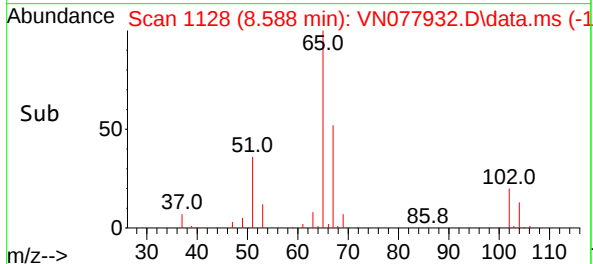
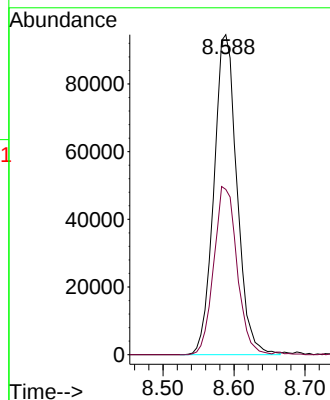
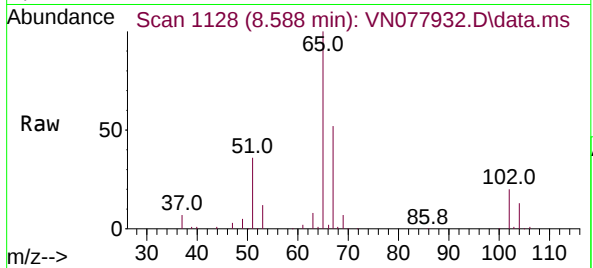




#33
 1,2-Dichloroethane-d4
 Concen: 46.195 ug/l
 RT: 8.588 min Scan# 1127
 Delta R.T. 0.006 min
 Lab File: VN077932.D
 Acq: 26 May 2023 17:05

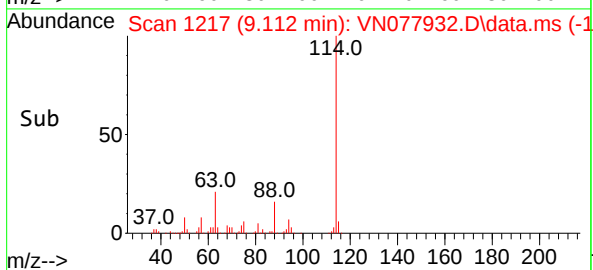
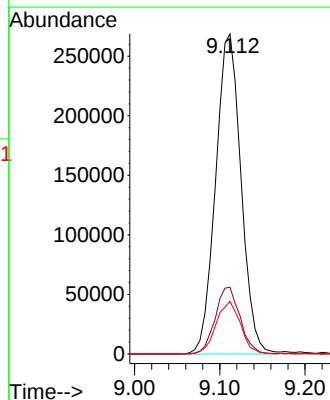
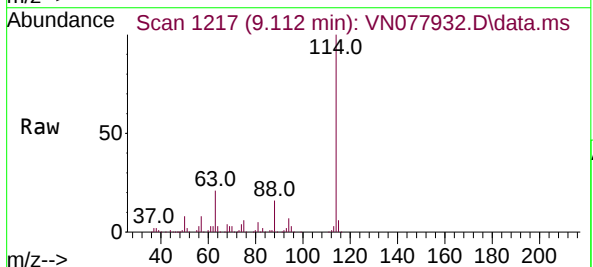
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07

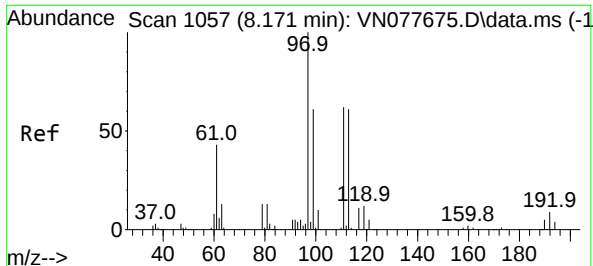
Tgt Ion: 65 Resp: 212601
 Ion Ratio Lower Upper
 65 100
 67 53.0 0.0 106.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.112 min Scan# 1217
 Delta R.T. 0.006 min
 Lab File: VN077932.D
 Acq: 26 May 2023 17:05

Tgt Ion: 114 Resp: 556760
 Ion Ratio Lower Upper
 114 100
 63 20.9 0.0 36.4
 88 16.5 0.0 30.6





#35

Dibromofluoromethane

Concen: 50.148 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN077932.D

Acq: 26 May 2023 17:05

Instrument :

MSVOA_N

ClientSampleId :

DUP07

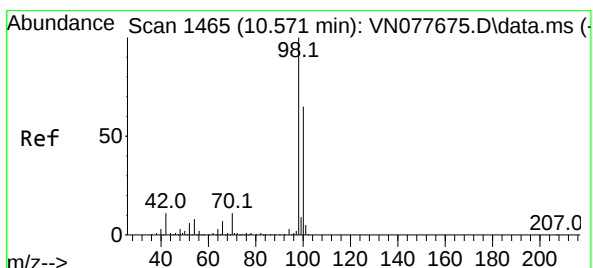
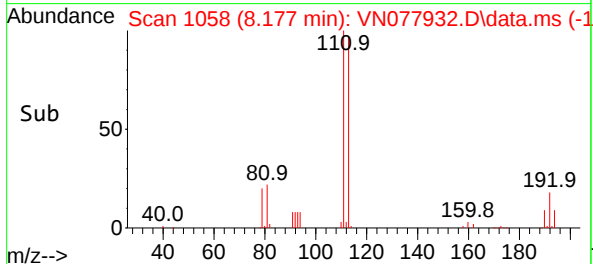
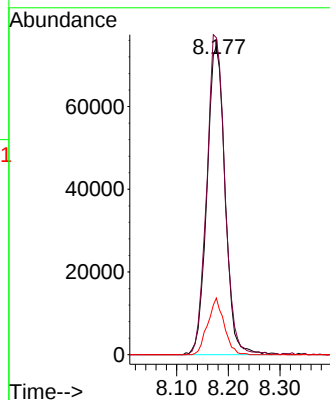
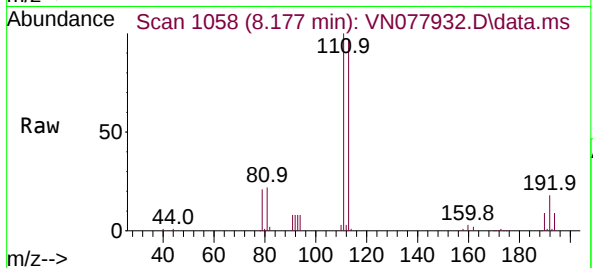
Tgt Ion:113 Resp: 182064

Ion Ratio Lower Upper

113 100

111 103.7 82.6 123.8

192 16.6 12.7 19.1



#50

Toluene-d8

Concen: 48.662 ug/l

RT: 10.577 min Scan# 1466

Delta R.T. 0.006 min

Lab File: VN077932.D

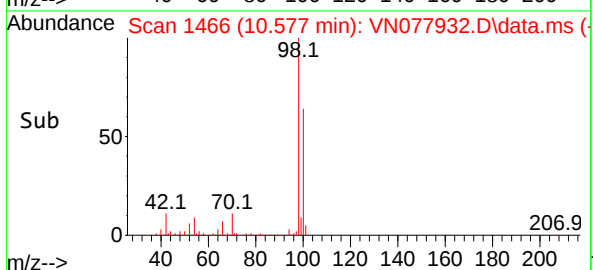
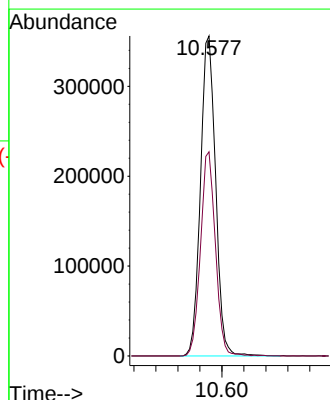
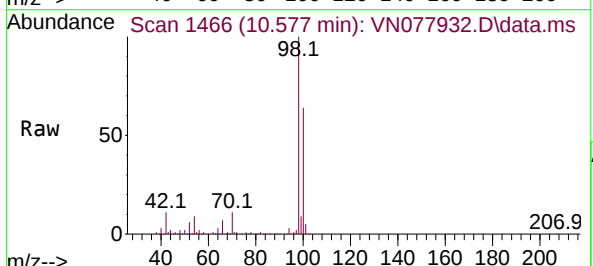
Acq: 26 May 2023 17:05

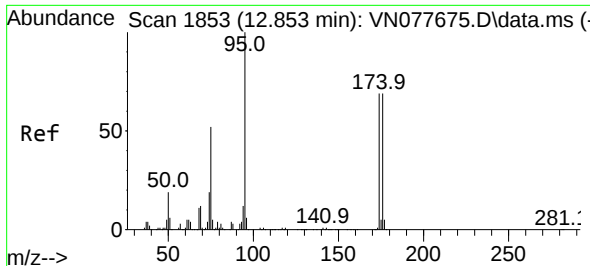
Tgt Ion: 98 Resp: 680023

Ion Ratio Lower Upper

98 100

100 63.0 52.0 78.0

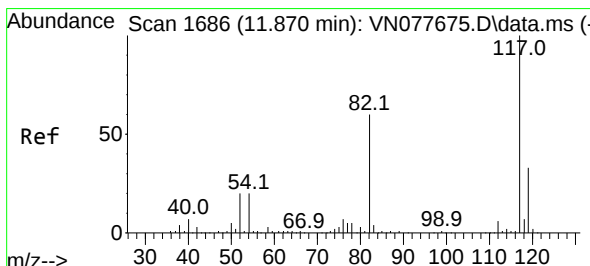
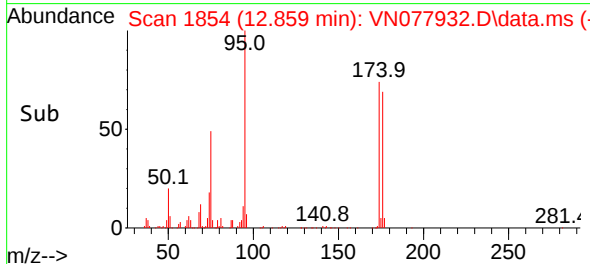
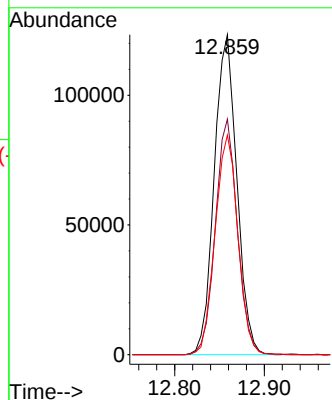
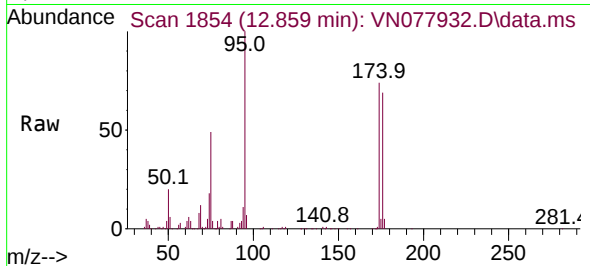




#62
4-Bromofluorobenzene
Concen: 43.716 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077932.D
Acq: 26 May 2023 17:05

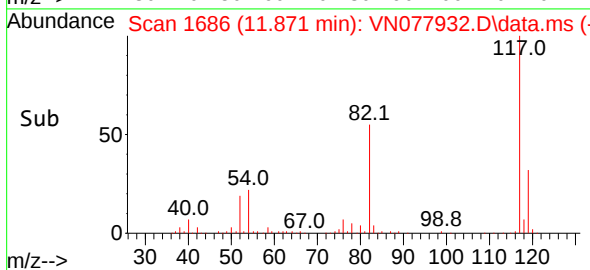
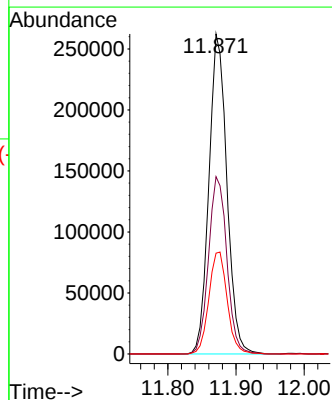
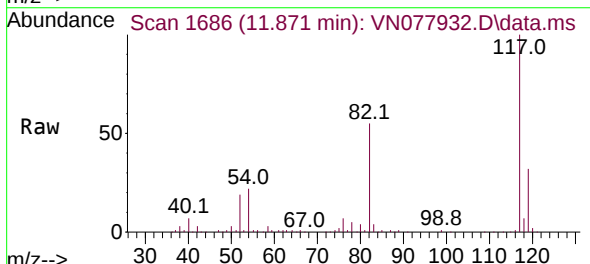
Instrument :
MSVOA_N
ClientSampleId :
DUP07

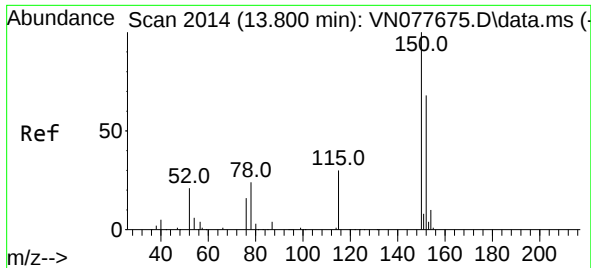
Tgt Ion: 95 Resp: 215757
Ion Ratio Lower Upper
95 100
174 71.5 0.0 143.8
176 69.3 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077932.D
Acq: 26 May 2023 17:05

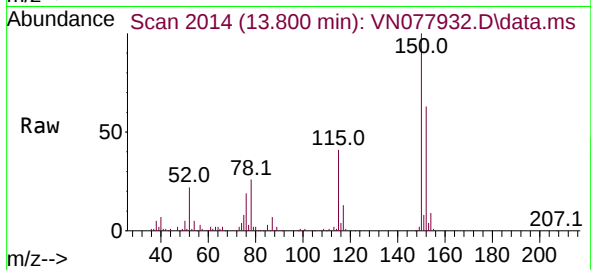
Tgt Ion: 117 Resp: 481115
Ion Ratio Lower Upper
117 100
82 55.4 44.0 66.0
119 31.5 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077932.D
 Acq: 26 May 2023 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07



Tgt Ion:152 Resp: 144439
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 155.4 0.0 355.8

