

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077875.D
 Acq On : 25 May 2023 02:35
 Operator : JC\MD
 Sample : 02852-03ME 10X
 Misc : 6.95g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-18-051823ME

Quant Time: May 25 05:01:48 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)

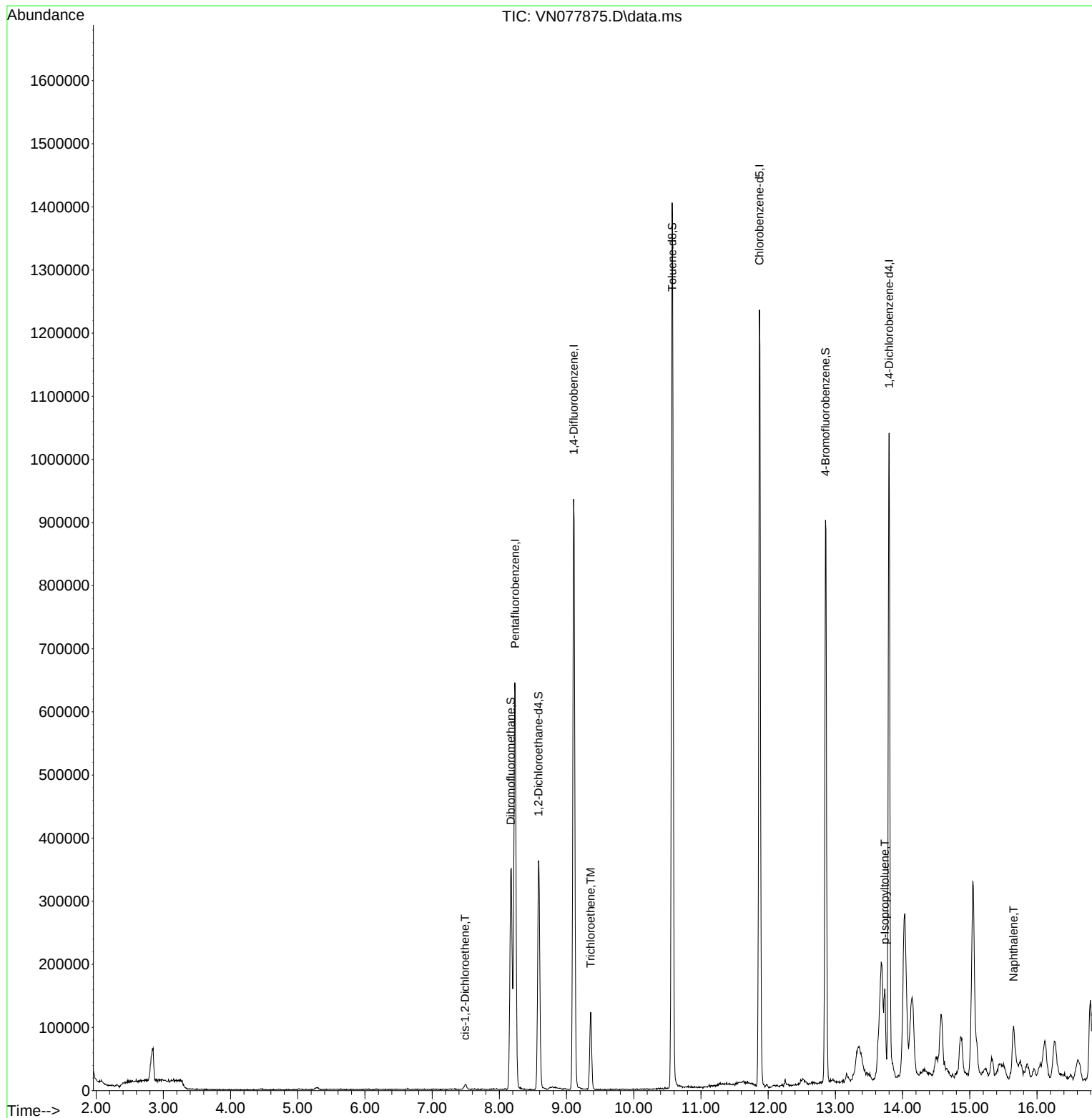
Internal Standards						
1) Pentafluorobenzene	8.235	168	477801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	848873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	745603	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	277388	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	299422	41.882	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	83.760%
35) Dibromofluoromethane	8.171	113	260613	47.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.160%
50) Toluene-d8	10.571	98	1032687	48.469	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.940%
62) 4-Bromofluorobenzene	12.853	95	328451	43.648	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	87.300%
Target Compounds						
					Qvalue	
27) cis-1,2-Dichloroethene	7.488	96	5358	0.792	ug/l	86
44) Trichloroethene	9.359	130	43123	7.128	ug/l	98
86) p-Isopropyltoluene	13.735	119	53206	2.677	ug/l	97
95) Naphthalene	15.653	128	37103	1.957	ug/l #	75

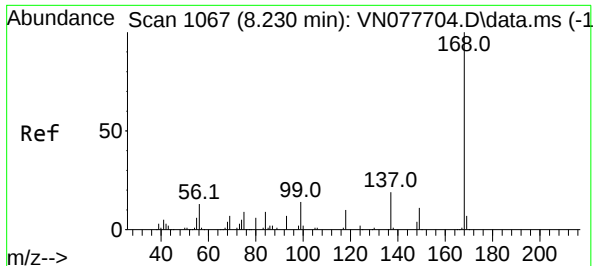
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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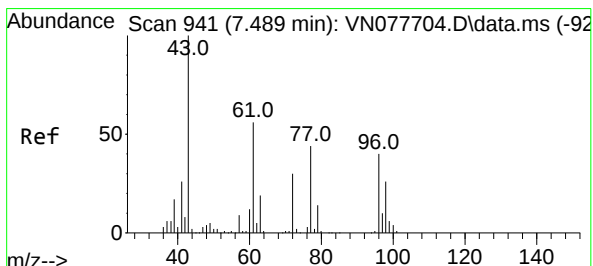
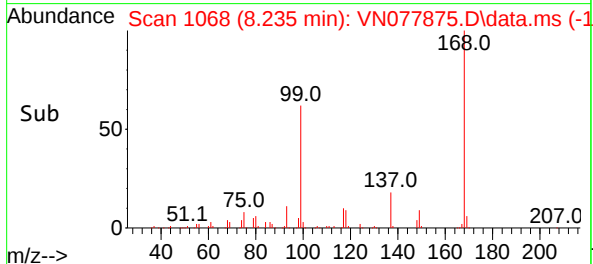
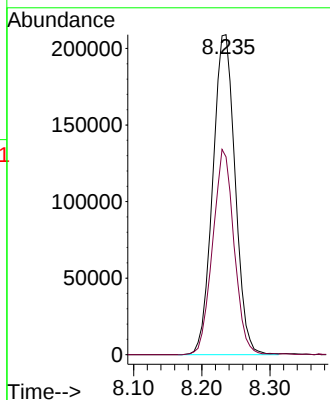
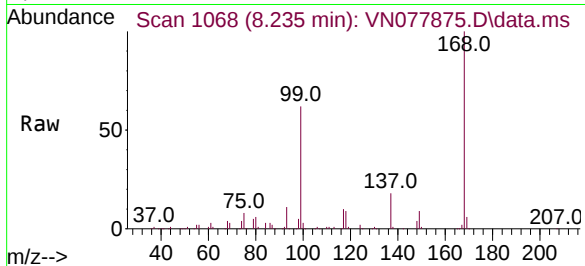




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

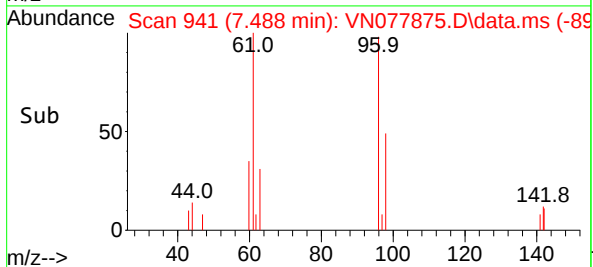
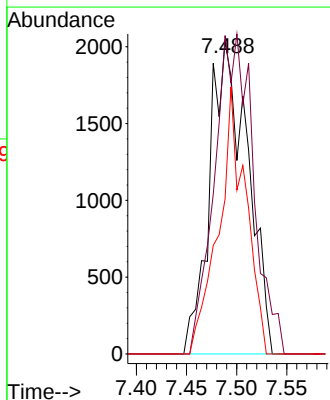
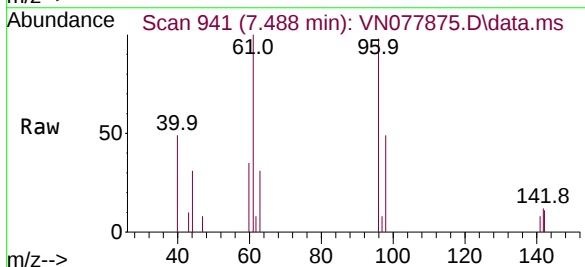
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

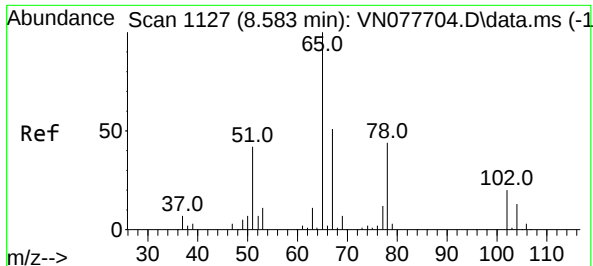
Tgt Ion:168 Resp: 477801
Ion Ratio Lower Upper
168 100
99 61.8 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 0.792 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 96 Resp: 5358
Ion Ratio Lower Upper
96 100
61 105.0 0.0 255.2
98 61.1 0.0 128.8

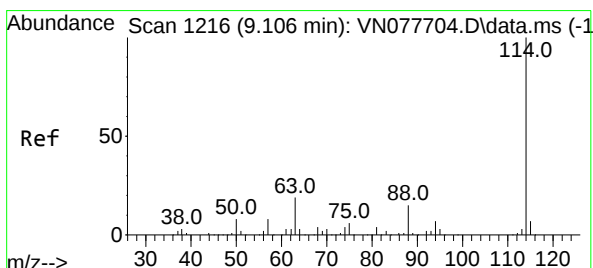
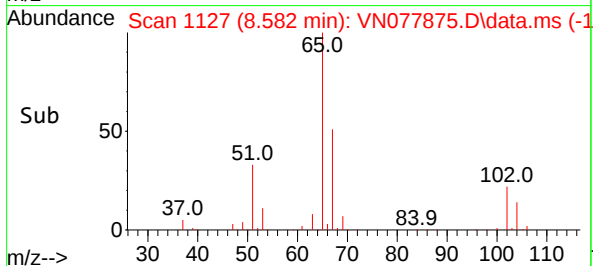
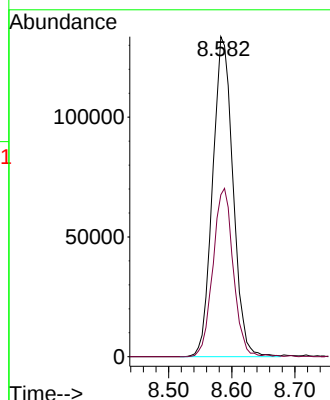
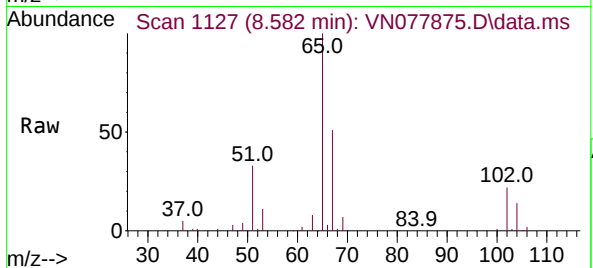




#33
1,2-Dichloroethane-d4
Concen: 41.882 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

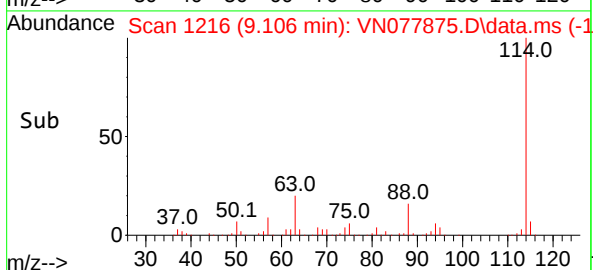
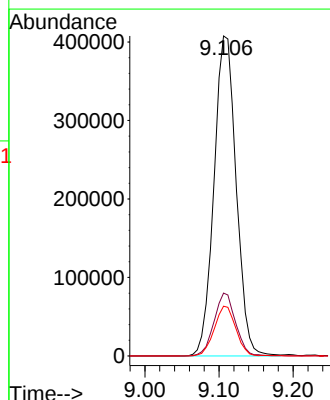
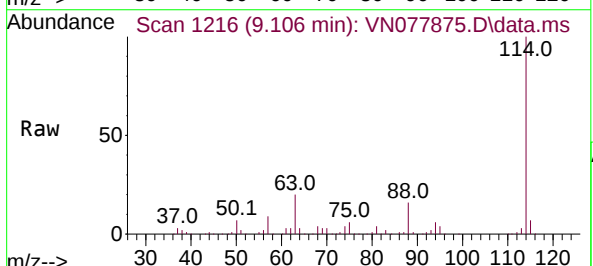
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-18-051823ME

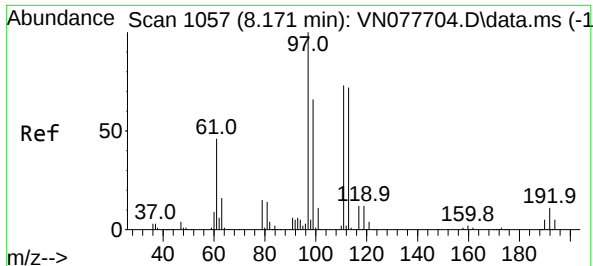
Tgt Ion: 65 Resp: 299422
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.6



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 1216
Delta R.T. -0.000 min
Lab File: VN077875.D
Acq: 25 May 2023 02:35

Tgt Ion: 114 Resp: 848873
Ion Ratio Lower Upper
114 100
63 19.7 0.0 36.4
88 15.6 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.081 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-18-051823ME

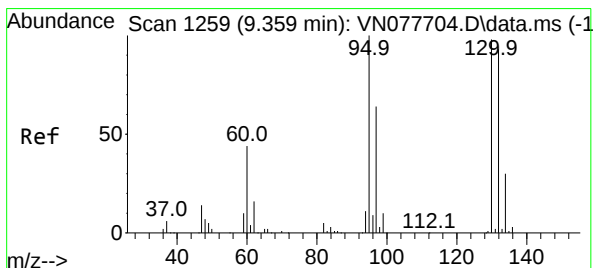
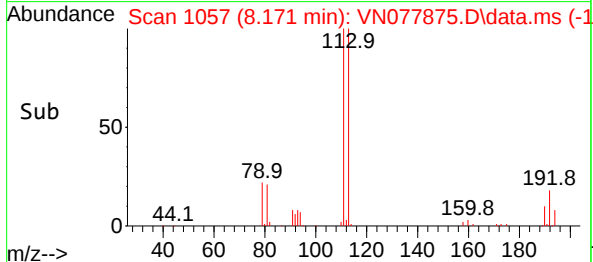
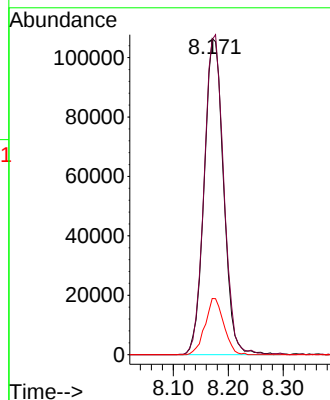
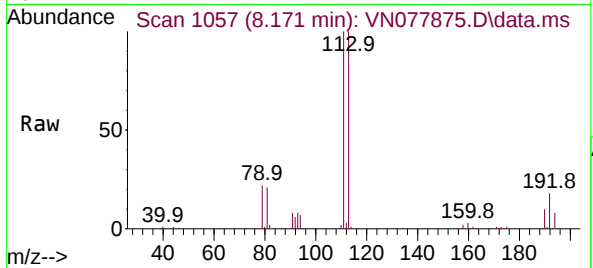
Tgt Ion:113 Resp: 260613

Ion Ratio Lower Upper

113 100

111 102.1 82.6 123.8

192 17.2 12.7 19.1



#44

Trichloroethene

Concen: 7.128 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077875.D

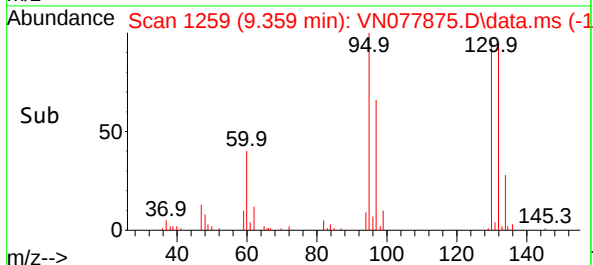
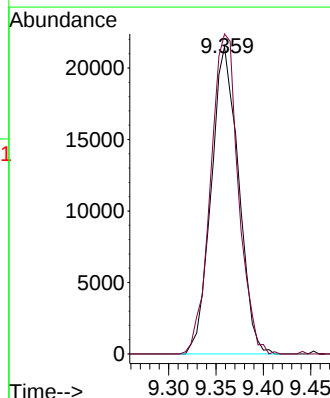
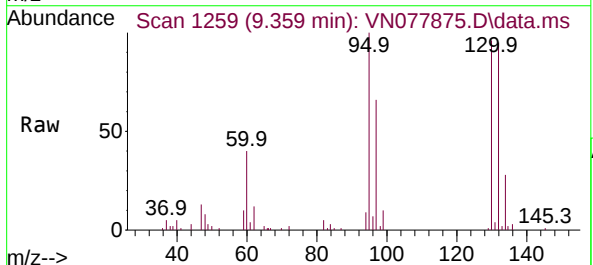
Acq: 25 May 2023 02:35

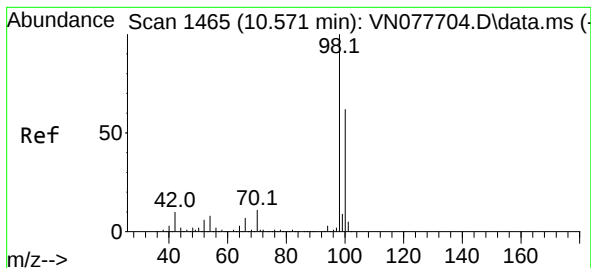
Tgt Ion:130 Resp: 43123

Ion Ratio Lower Upper

130 100

95 104.1 0.0 204.6





#50

Toluene-d8

Concen: 48.469 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

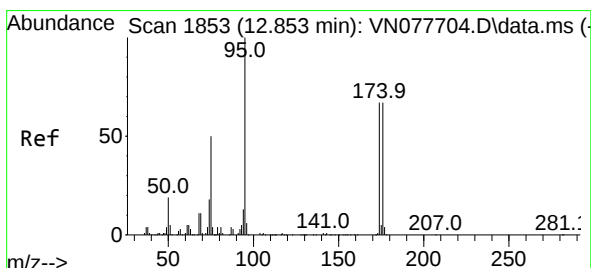
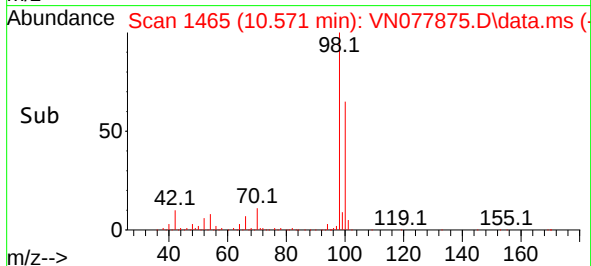
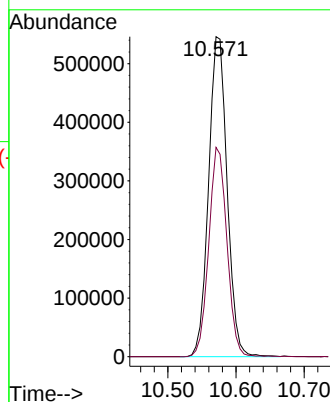
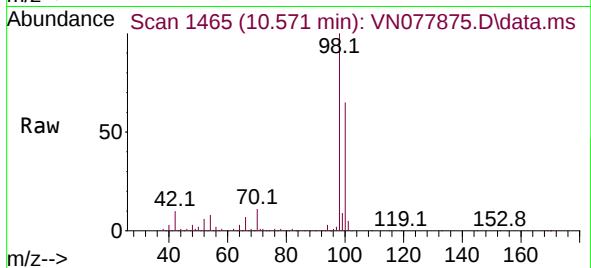
CB-32-G3-SO-18-051823ME

Tgt Ion: 98 Resp: 1032687

Ion Ratio Lower Upper

98 100

100 64.2 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.648 ug/l

RT: 12.853 min Scan# 1853

Delta R.T. -0.000 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

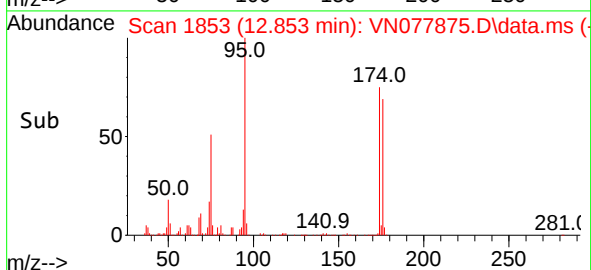
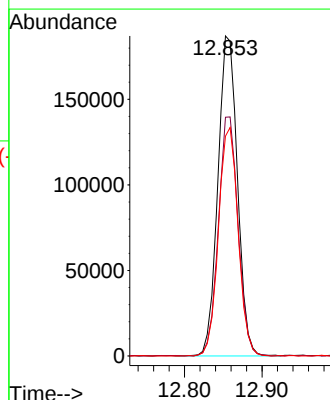
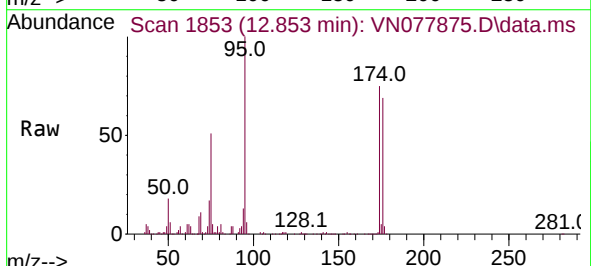
Tgt Ion: 95 Resp: 328451

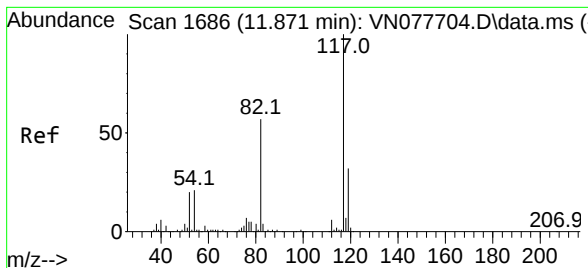
Ion Ratio Lower Upper

95 100

174 75.2 0.0 143.8

176 71.6 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.871 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-18-051823ME

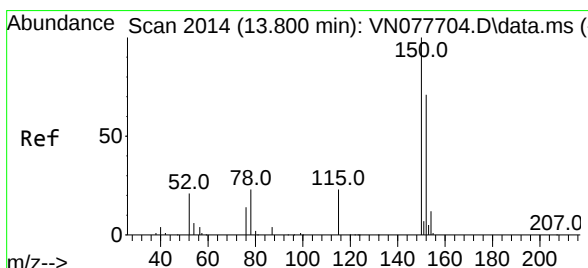
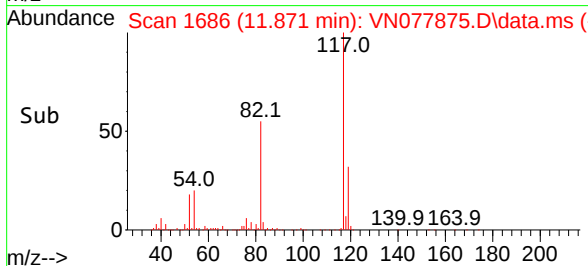
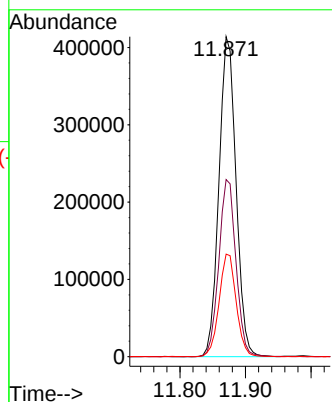
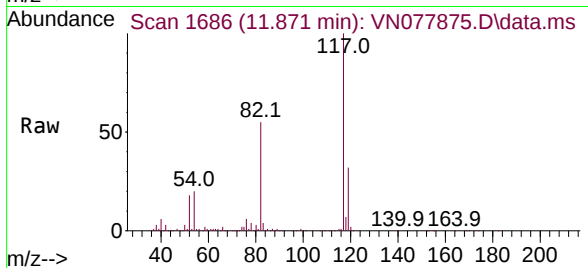
Tgt Ion:117 Resp: 745603

Ion Ratio Lower Upper

117 100

82 55.4 44.0 66.0

119 32.0 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.800 min Scan# 2014

Delta R.T. -0.000 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

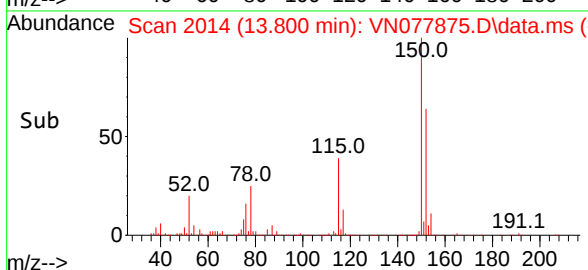
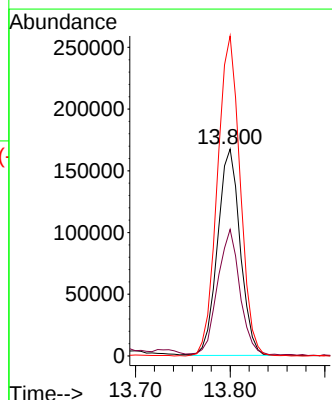
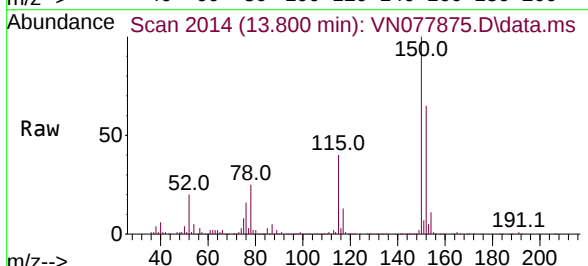
Tgt Ion:152 Resp: 277388

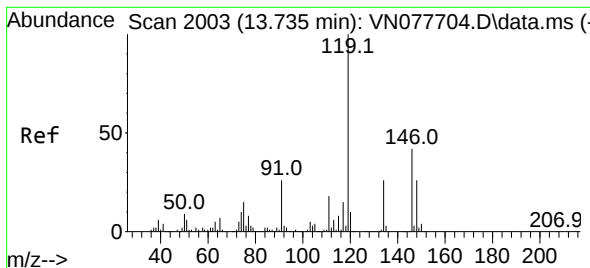
Ion Ratio Lower Upper

152 100

115 61.6 32.3 96.8

150 156.1 0.0 355.8





#86

p-Isopropyltoluene

Concen: 2.677 ug/l

RT: 13.735 min Scan# 2003

Delta R.T. 0.000 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-18-051823ME

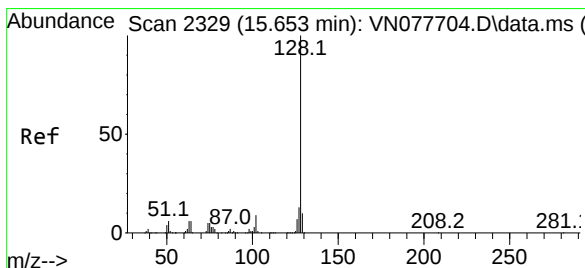
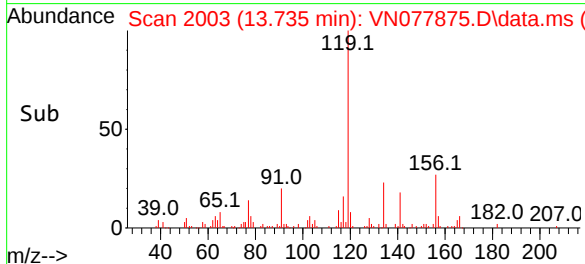
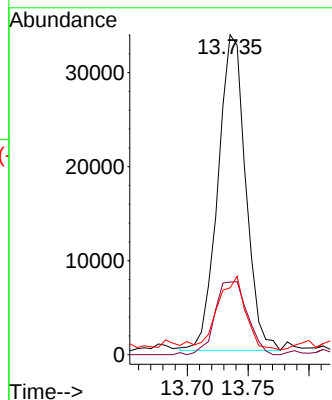
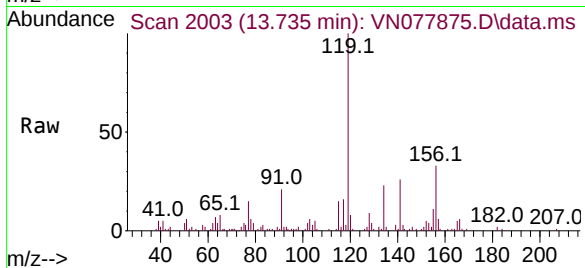
Tgt Ion:119 Resp: 53206

Ion Ratio Lower Upper

119 100

134 27.1 12.6 37.8

91 23.2 12.4 37.2



#95

Naphthalene

Concen: 1.957 ug/l

RT: 15.653 min Scan# 2329

Delta R.T. 0.006 min

Lab File: VN077875.D

Acq: 25 May 2023 02:35

Tgt Ion:128 Resp: 37103

Ion Ratio Lower Upper

128 100

127 21.9 10.0 15.0#

129 20.7 8.7 13.1#

