

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077876.D
 Acq On : 25 May 2023 02:59
 Operator : JC\MD
 Sample : 02852-04ME
 Misc : 6.00g/5.0mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 CB-32-G3-SO-23-051823ME

Quant Time: May 25 05:01:59 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)

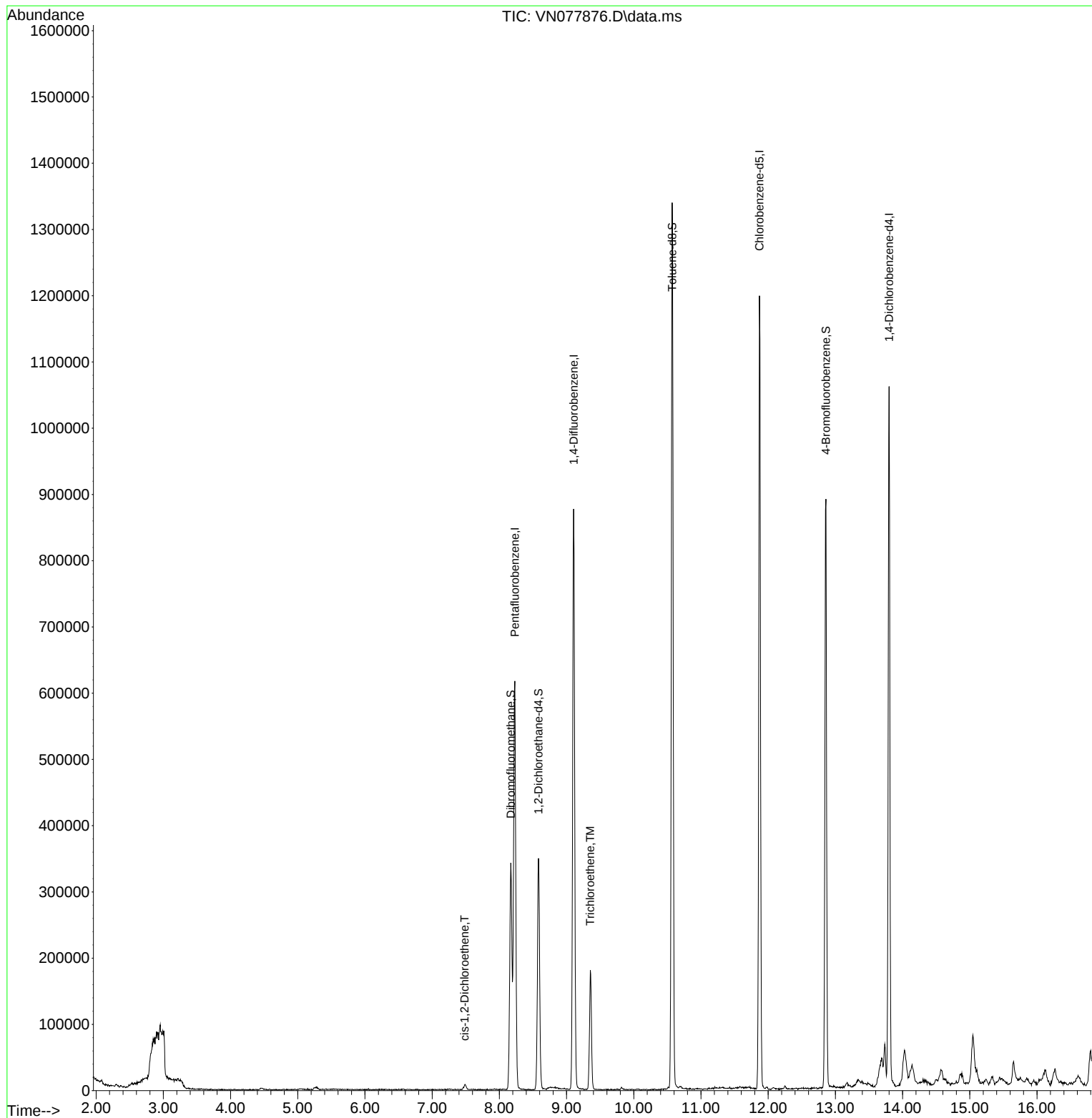
Internal Standards						
1) Pentafluorobenzene	8.230	168	450189	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	801494	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	718217	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	284725	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	286392	42.517	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	85.040%		
35) Dibromofluoromethane	8.171	113	247150	47.288	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	94.580%		
50) Toluene-d8	10.571	98	983685	48.898	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.800%		
62) 4-Bromofluorobenzene	12.859	95	326262	45.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.840%		
Target Compounds						
27) cis-1,2-Dichloroethene	7.483	96	4897	0.768	ug/l	97
44) Trichloroethene	9.353	130	64620	11.313	ug/l	97

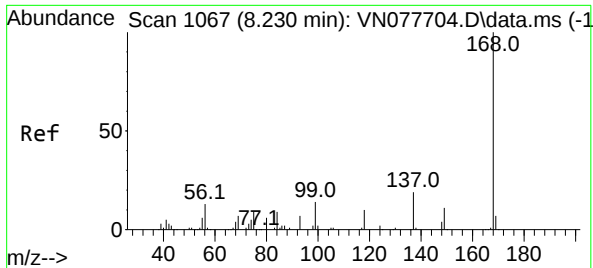
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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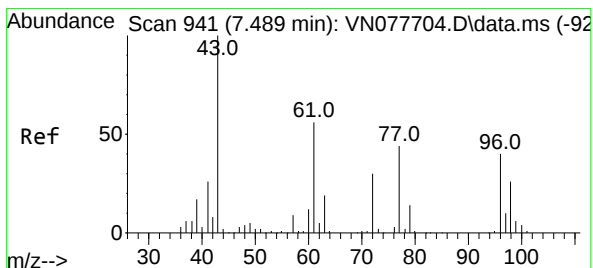
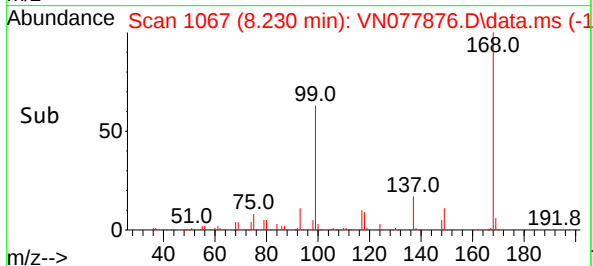
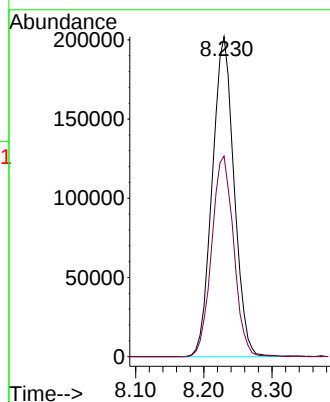
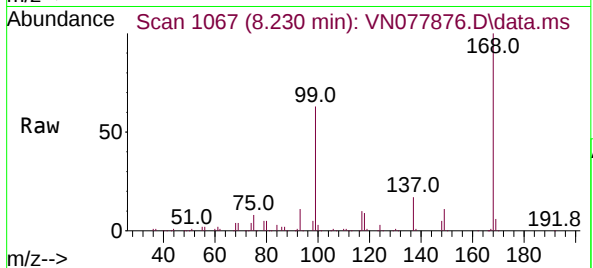




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

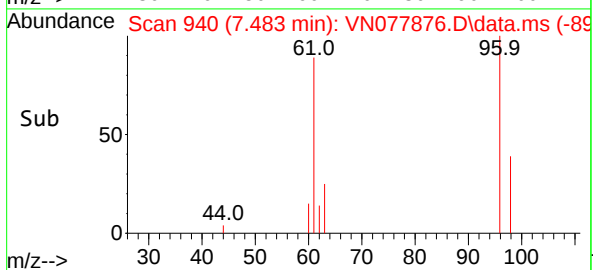
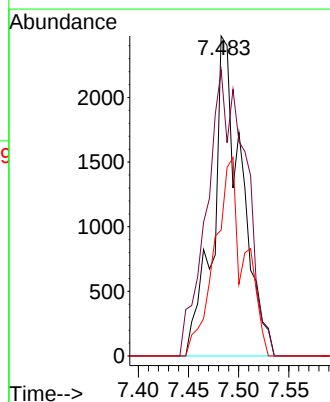
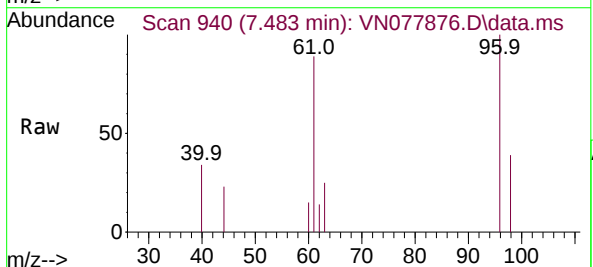
Instrument :
MSVOA_N
ClientSampleId :
CB-32-G3-SO-23-051823ME

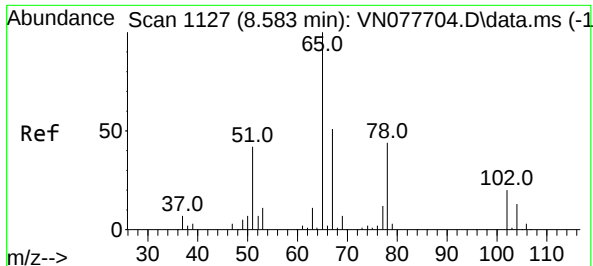
Tgt Ion:168 Resp: 450189
Ion Ratio Lower Upper
168 100
99 62.7 53.0 79.6



#27
cis-1,2-Dichloroethene
Concen: 0.768 ug/l
RT: 7.483 min Scan# 940
Delta R.T. -0.005 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 96 Resp: 4897
Ion Ratio Lower Upper
96 100
61 122.7 0.0 255.2
98 64.9 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 42.517 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VN077876.D

Acq: 25 May 2023 02:59

Instrument :

MSVOA_N

ClientSampleId :

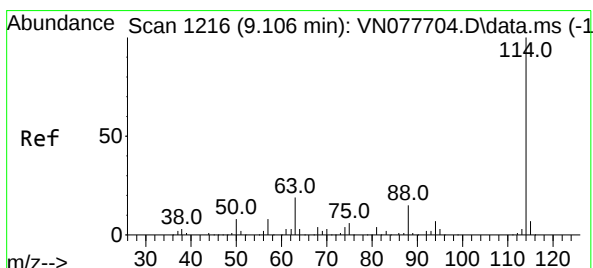
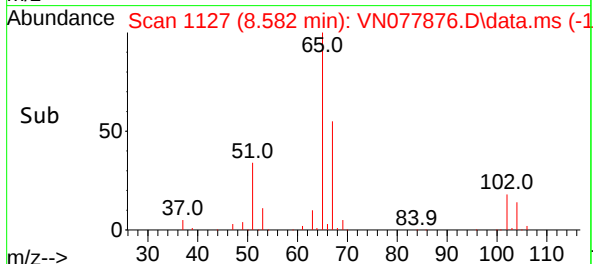
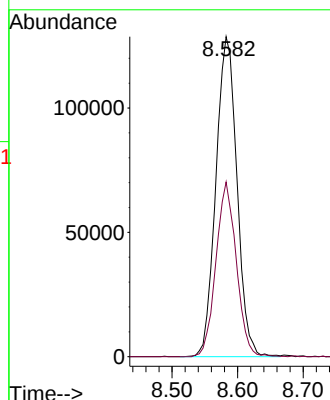
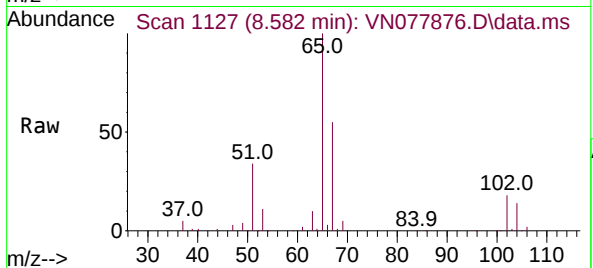
CB-32-G3-SO-23-051823ME

Tgt Ion: 65 Resp: 286392

Ion Ratio Lower Upper

65 100

67 52.8 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: VN077876.D

Acq: 25 May 2023 02:59

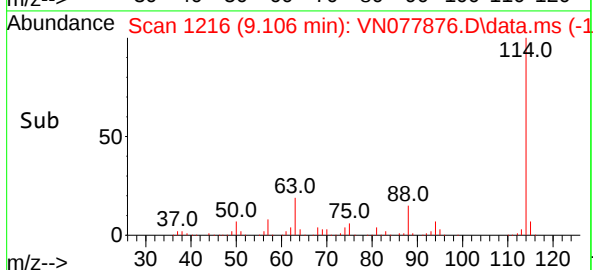
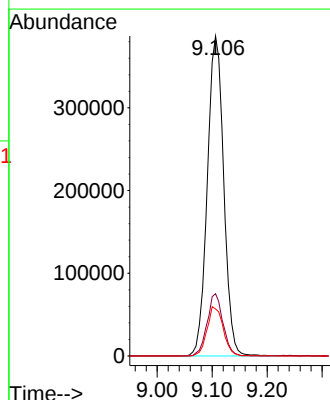
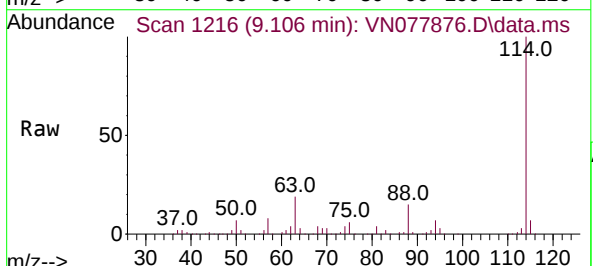
Tgt Ion: 114 Resp: 801494

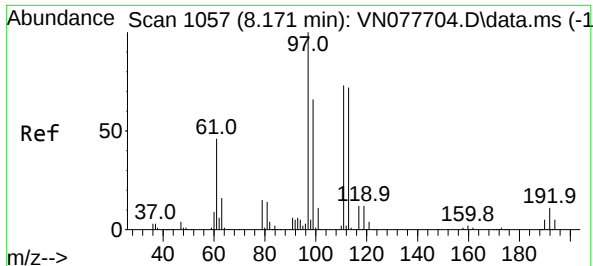
Ion Ratio Lower Upper

114 100

63 19.5 0.0 36.4

88 14.7 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.288 ug/l

RT: 8.171 min Scan# 1057

Delta R.T. -0.000 min

Lab File: VN077876.D

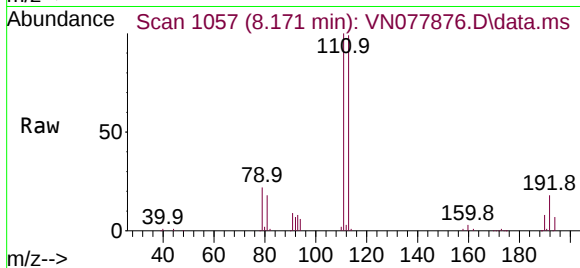
Acq: 25 May 2023 02:59

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-23-051823ME



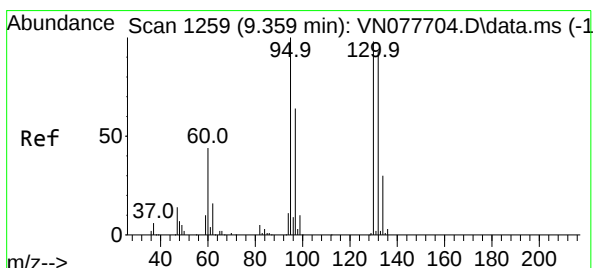
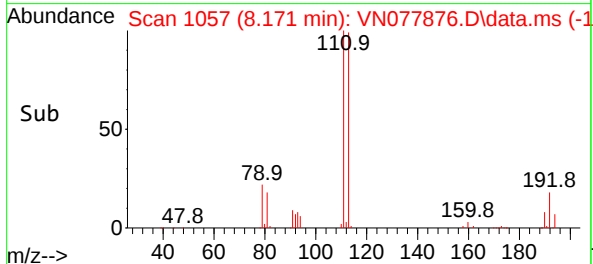
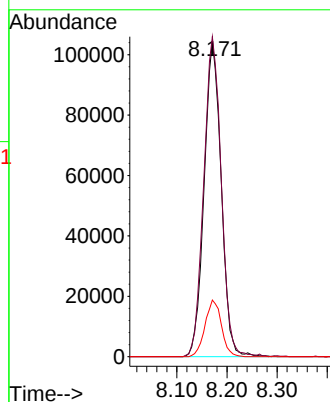
Tgt Ion:113 Resp: 247150

Ion Ratio Lower Upper

113 100

111 104.0 82.6 123.8

192 17.3 12.7 19.1



#44

Trichloroethene

Concen: 11.313 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.006 min

Lab File: VN077876.D

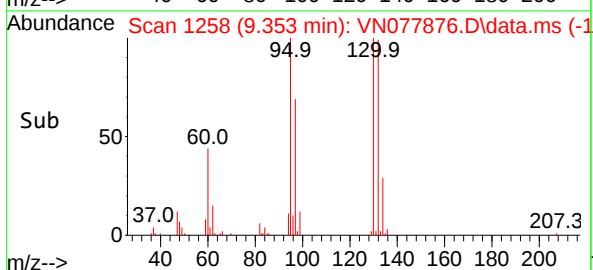
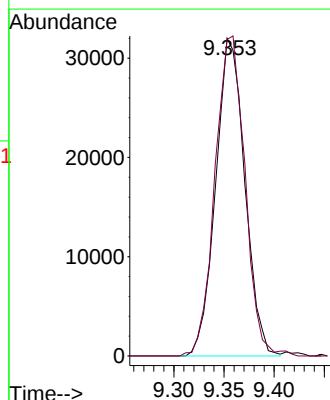
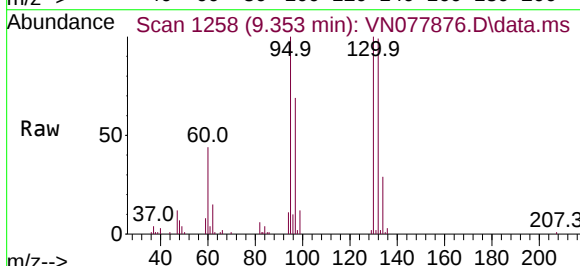
Acq: 25 May 2023 02:59

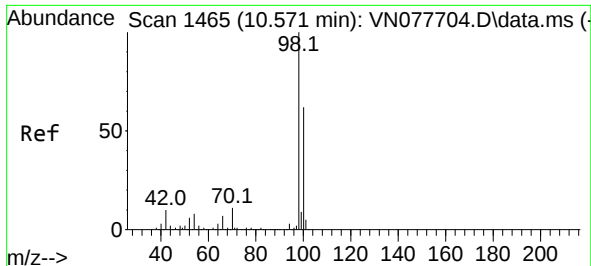
Tgt Ion:130 Resp: 64620

Ion Ratio Lower Upper

130 100

95 99.7 0.0 204.6

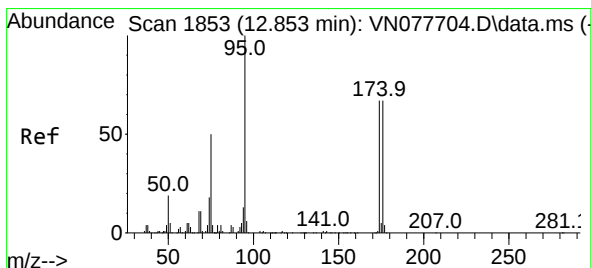
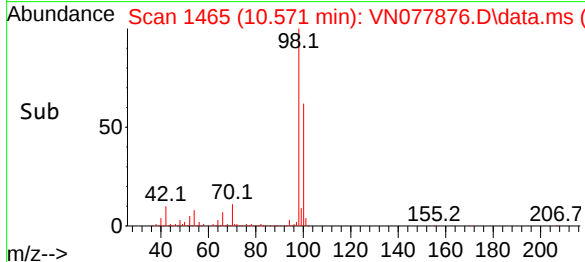
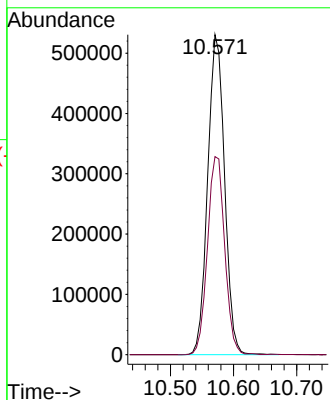
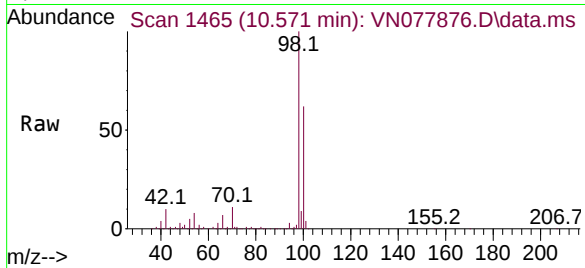




#50
Toluene-d8
Concen: 48.898 ug/l
RT: 10.571 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

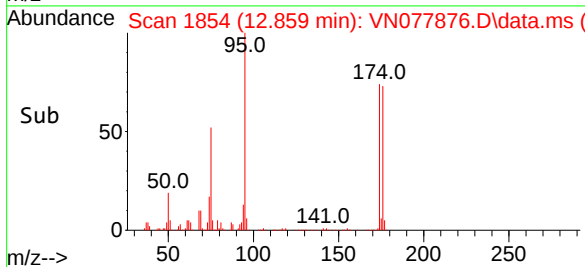
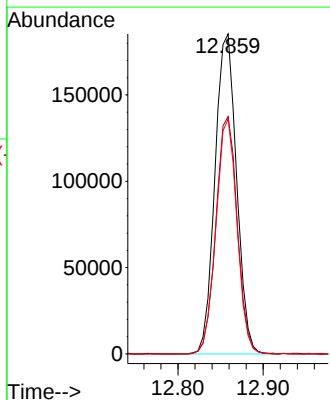
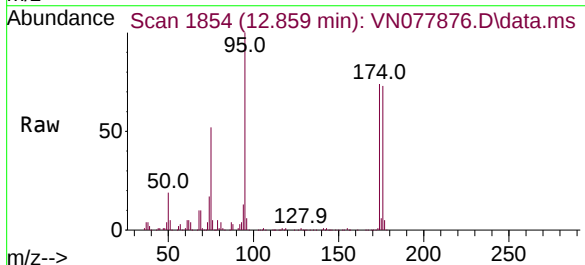
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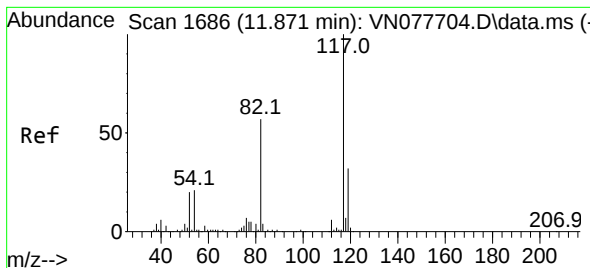
Tgt Ion: 98 Resp: 983685
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 45.921 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077876.D
Acq: 25 May 2023 02:59

Tgt Ion: 95 Resp: 326262
Ion Ratio Lower Upper
95 100
174 73.5 0.0 143.8
176 71.3 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: VN077876.D

Acq: 25 May 2023 02:59

Instrument :

MSVOA_N

ClientSampleId :

CB-32-G3-SO-23-051823ME

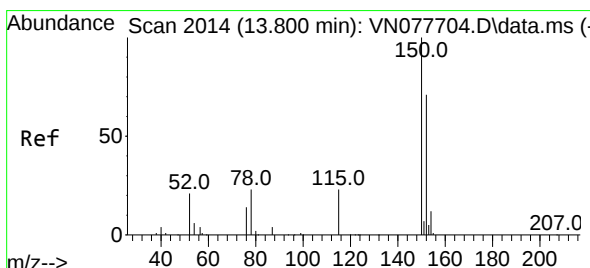
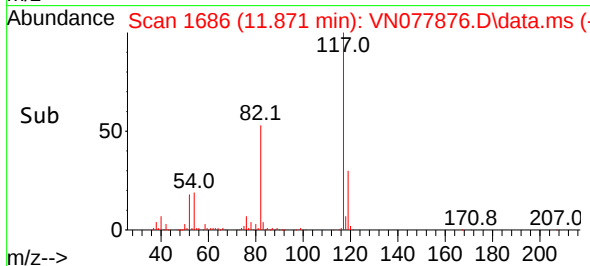
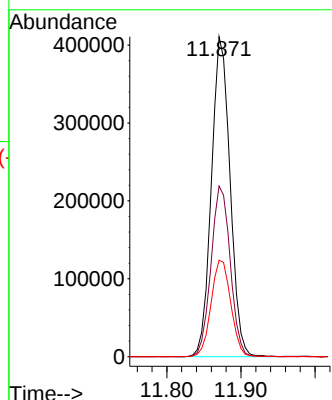
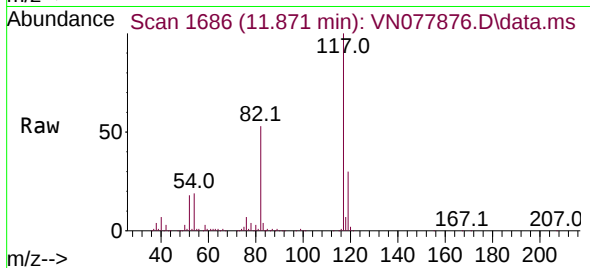
Tgt Ion:117 Resp: 718217

Ion Ratio Lower Upper

117 100

82 53.3 44.0 66.0

119 30.2 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: VN077876.D

Acq: 25 May 2023 02:59

Tgt Ion:152 Resp: 284725

Ion Ratio Lower Upper

152 100

115 62.6 32.3 96.8

150 158.6 0.0 355.8

