

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077871.D
 Acq On : 25 May 2023 01:00
 Operator : JC\MD
 Sample : 02884-01
 Misc : 5.01g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2001

Quant Time: May 25 05:00:43 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)

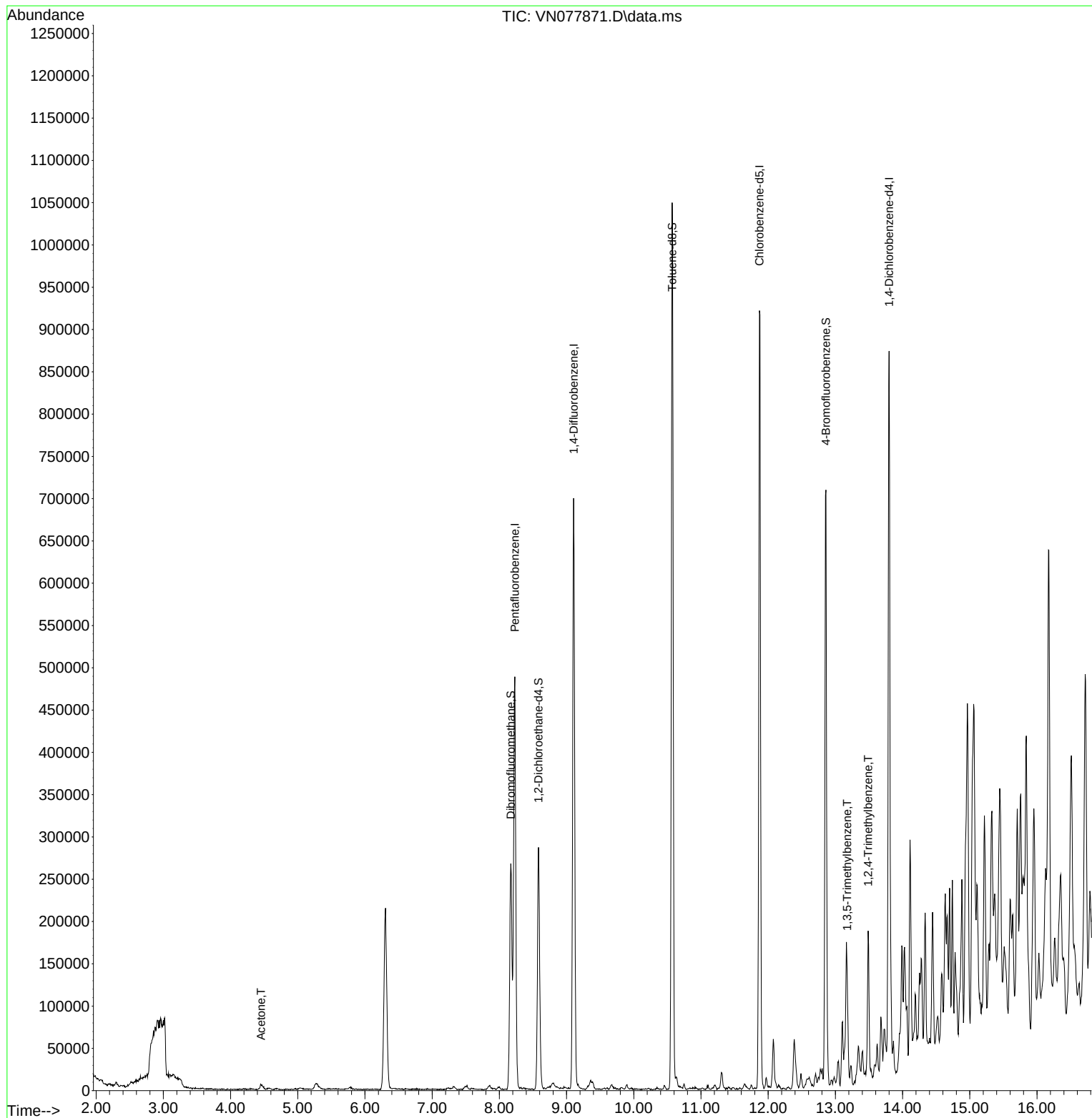
Internal Standards						
1) Pentafluorobenzene	8.230	168	353337	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	630812	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	553852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	227719	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	232561	43.989	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.980%
35) Dibromofluoromethane	8.171	113	196775	47.837	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.680%
50) Toluene-d8	10.571	98	766089	48.386	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.780%
62) 4-Bromofluorobenzene	12.859	95	255103	45.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	91.240%
Target Compounds						
					Qvalue	
16) Acetone	4.453	43	9527	5.728	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	23863	1.446	ug/l	97
84) 1,2,4-Trimethylbenzene	13.488	105	101886	6.279	ug/l	99

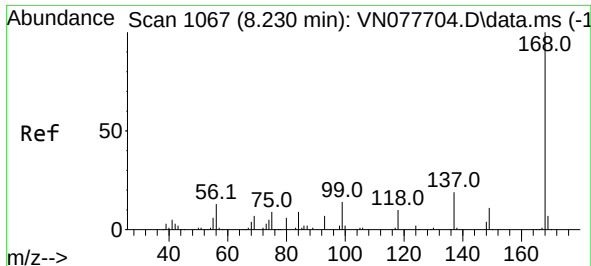
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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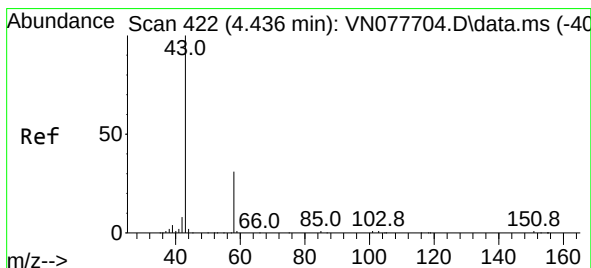
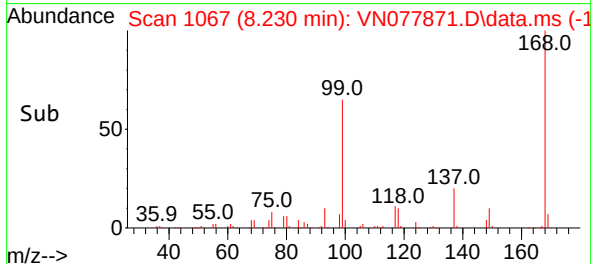
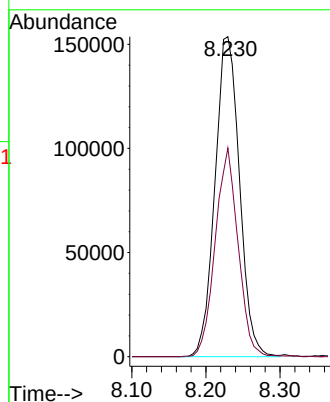
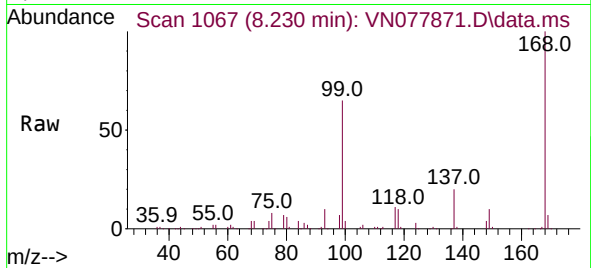




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN077871.D
Acq: 25 May 2023 01:00

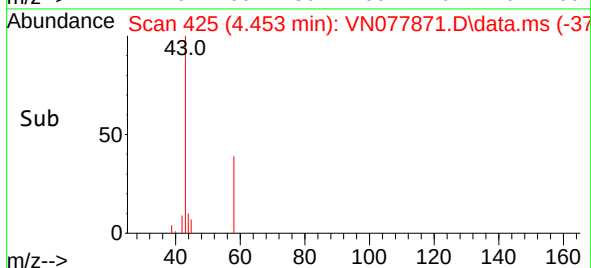
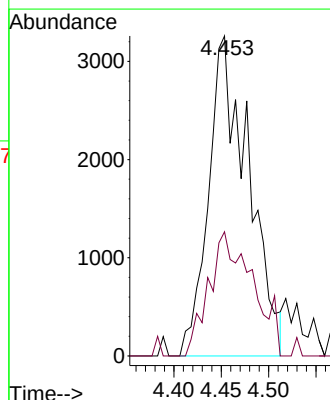
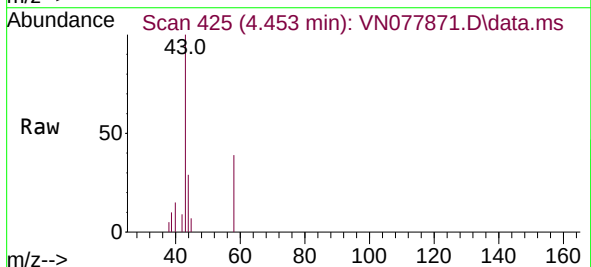
Instrument :
MSVOA_N
ClientSampleId :
2001

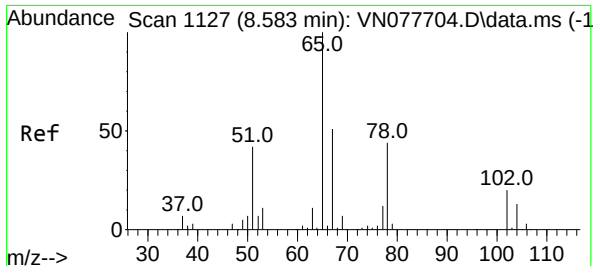
Tgt Ion:168 Resp: 353337
Ion Ratio Lower Upper
168 100
99 65.2 53.0 79.6



#16
Acetone
Concen: 5.728 ug/l
RT: 4.453 min Scan# 425
Delta R.T. 0.023 min
Lab File: VN077871.D
Acq: 25 May 2023 01:00

Tgt Ion: 43 Resp: 9527
Ion Ratio Lower Upper
43 100
58 38.8 28.0 42.0





#33

1,2-Dichloroethane-d4

Concen: 43.989 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077871.D

Acq: 25 May 2023 01:00

Instrument :

MSVOA_N

ClientSampleId :

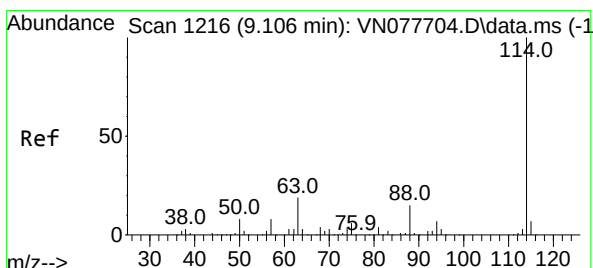
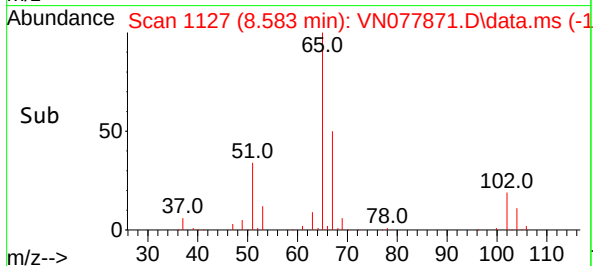
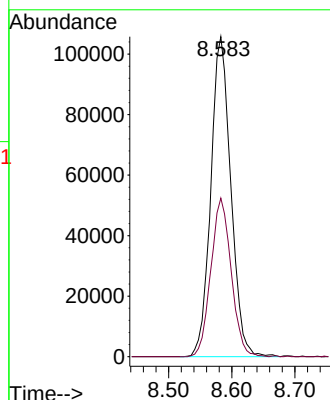
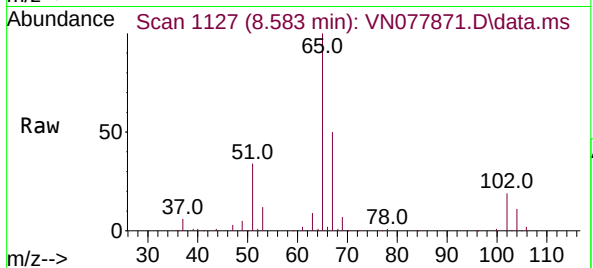
2001

Tgt Ion: 65 Resp: 232561

Ion Ratio Lower Upper

65 100

67 50.3 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: VN077871.D

Acq: 25 May 2023 01:00

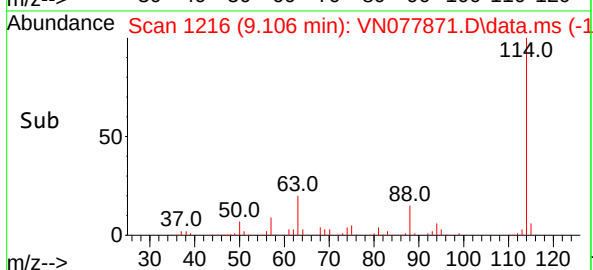
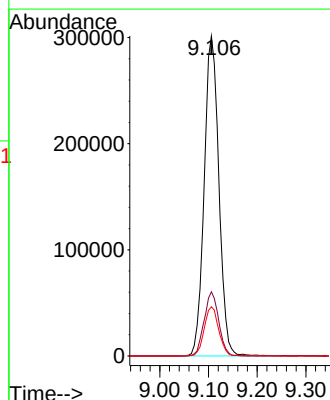
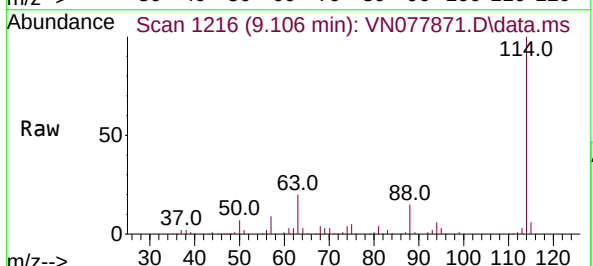
Tgt Ion: 114 Resp: 630812

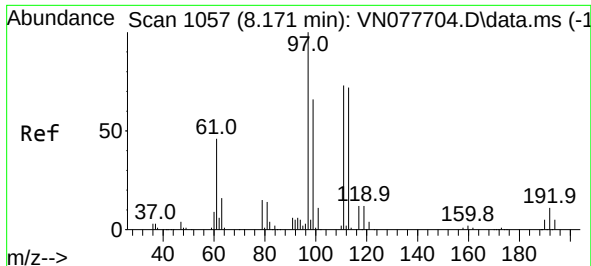
Ion Ratio Lower Upper

114 100

63 20.1 0.0 36.4

88 15.4 0.0 30.6





#35

Dibromofluoromethane

Concen: 47.837 ug/l

RT: 8.171 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN077871.D

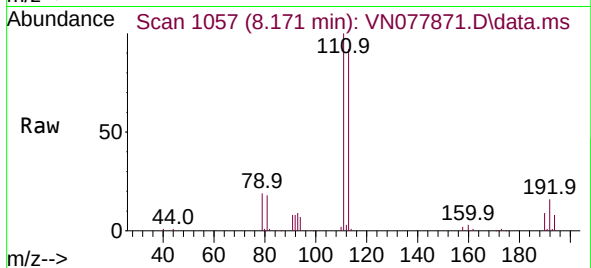
Acq: 25 May 2023 01:00

Instrument :

MSVOA_N

ClientSampleId :

2001



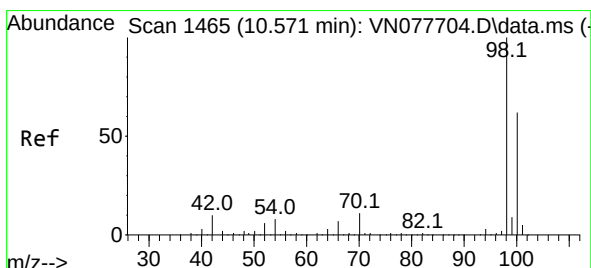
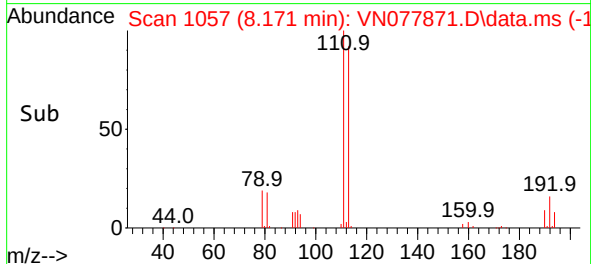
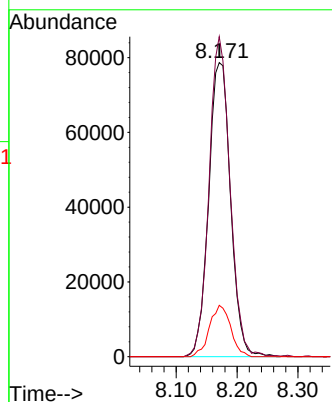
Tgt Ion:113 Resp: 196775

Ion Ratio Lower Upper

113 100

111 104.1 82.6 123.8

192 16.9 12.7 19.1



#50

Toluene-d8

Concen: 48.386 ug/l

RT: 10.571 min Scan# 1465

Delta R.T. -0.000 min

Lab File: VN077871.D

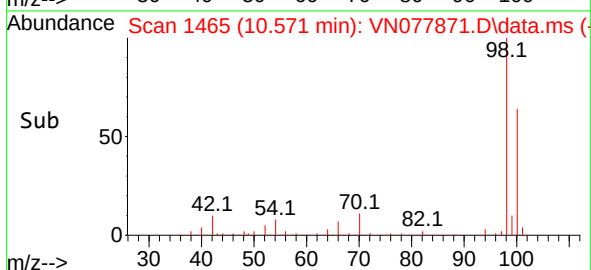
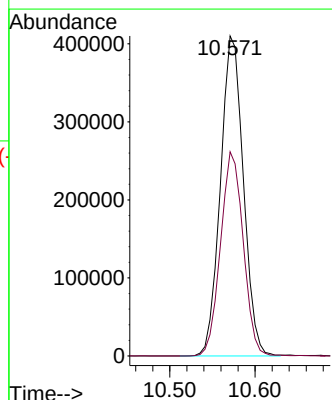
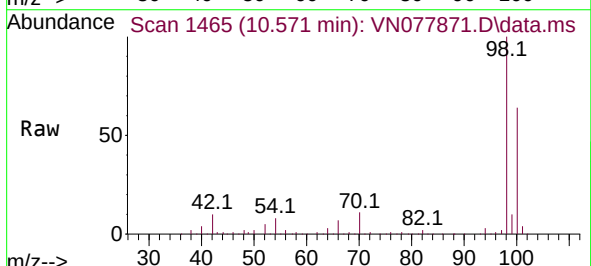
Acq: 25 May 2023 01:00

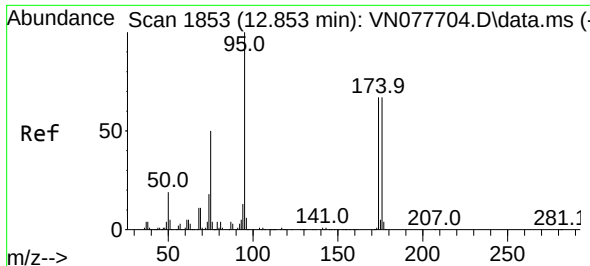
Tgt Ion: 98 Resp: 766089

Ion Ratio Lower Upper

98 100

100 63.1 52.0 78.0

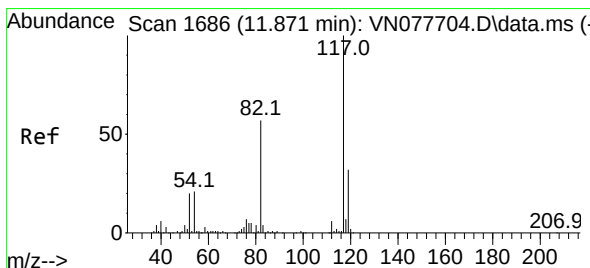
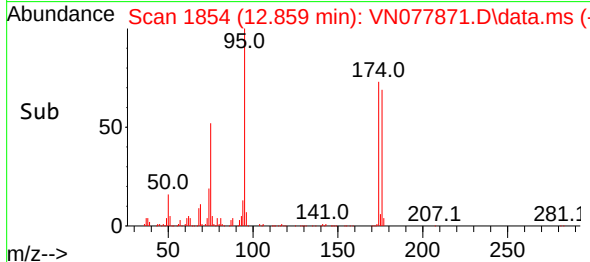
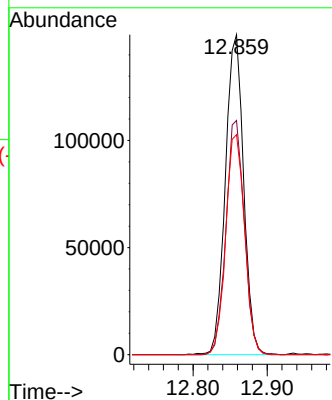
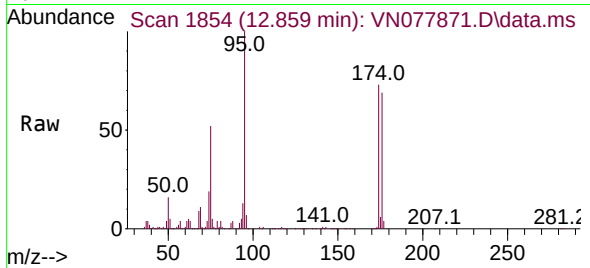




#62
4-Bromofluorobenzene
Concen: 45.620 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077871.D
Acq: 25 May 2023 01:00

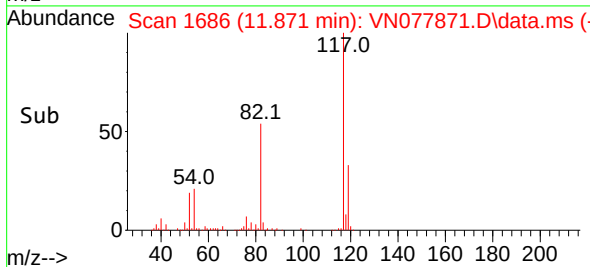
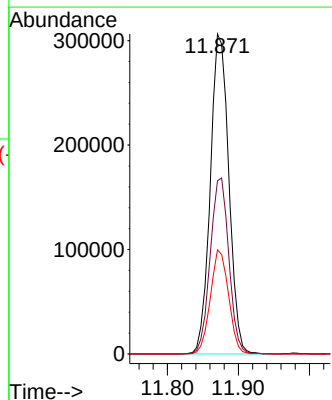
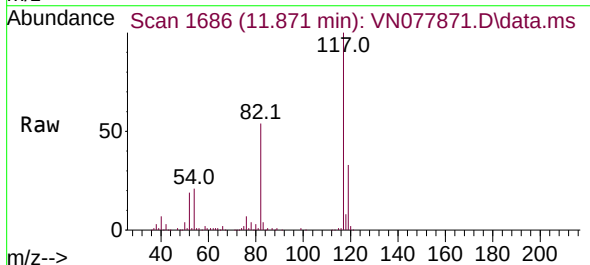
Instrument :
MSVOA_N
ClientSampleId :
2001

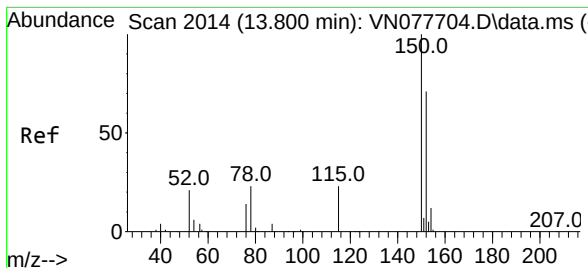
Tgt Ion: 95 Resp: 255103
Ion Ratio Lower Upper
95 100
174 73.8 0.0 143.8
176 71.0 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077871.D
Acq: 25 May 2023 01:00

Tgt Ion: 117 Resp: 553852
Ion Ratio Lower Upper
117 100
82 54.1 44.0 66.0
119 32.5 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: VN077871.D

Acq: 25 May 2023 01:00

Instrument :

MSVOA_N

ClientSampleId :

2001

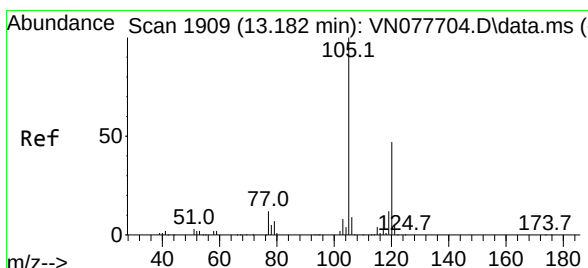
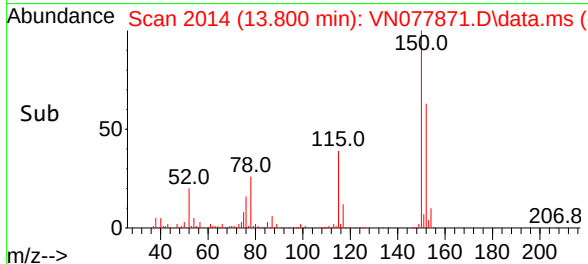
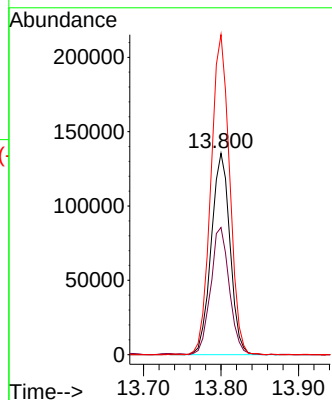
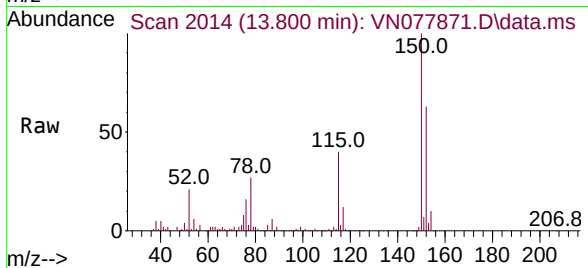
Tgt Ion:152 Resp: 227719

Ion Ratio Lower Upper

152 100

115 62.7 32.3 96.8

150 158.2 0.0 355.8



#80

1,3,5-Trimethylbenzene

Concen: 1.446 ug/l

RT: 13.176 min Scan# 1908

Delta R.T. -0.006 min

Lab File: VN077871.D

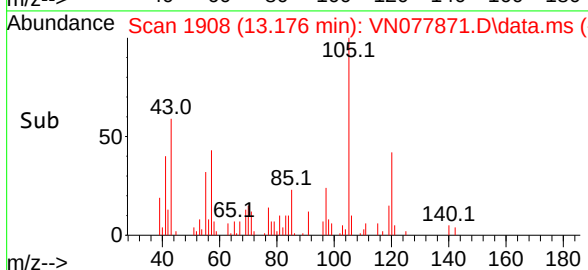
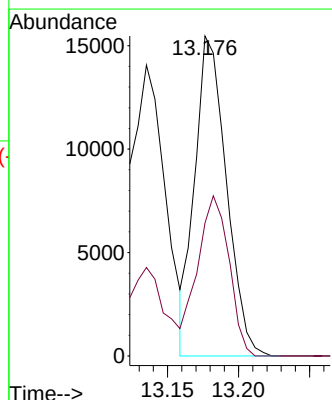
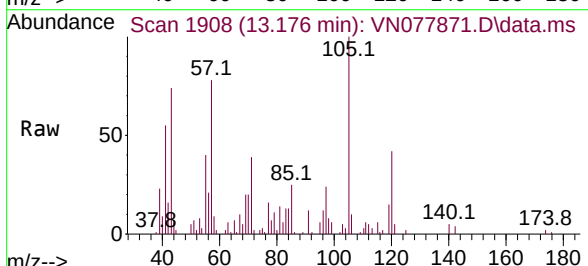
Acq: 25 May 2023 01:00

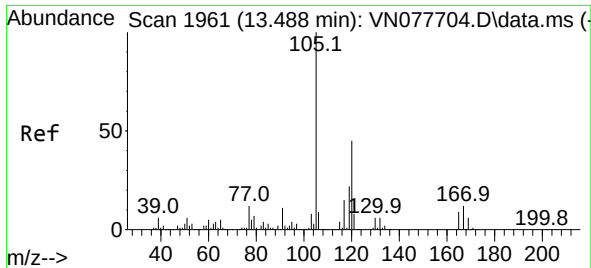
Tgt Ion:105 Resp: 23863

Ion Ratio Lower Upper

105 100

120 50.0 24.1 72.3





#84
 1,2,4-Trimethylbenzene
 Concen: 6.279 ug/l
 RT: 13.488 min Scan# 1961
 Delta R.T. 0.000 min
 Lab File: VN077871.D
 Acq: 25 May 2023 01:00

Instrument :
 MSVOA_N
 ClientSampleId :
 2001

Tgt Ion:105 Resp: 101886
 Ion Ratio Lower Upper
 105 100
 120 43.5 22.0 66.0

