

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052423\
 Data File : VN077858.D
 Acq On : 24 May 2023 17:31
 Operator : JC\MD
 Sample : 02901-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 50038

Quant Time: May 25 01:43:35 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)

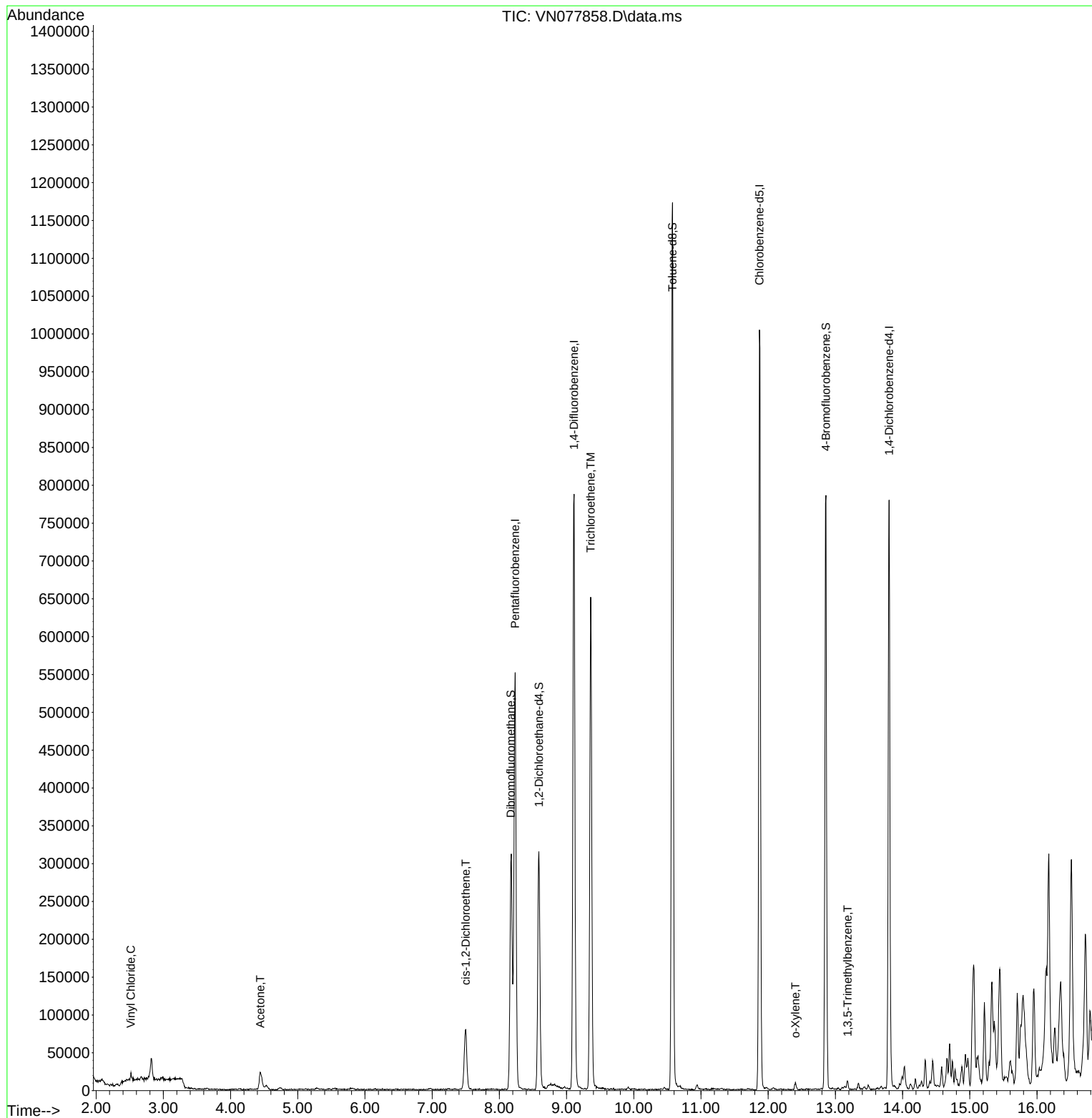
Internal Standards						
1) Pentafluorobenzene	8.236	168	390677	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	705380	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	611630	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	208763	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	262116	44.840	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.680%
35) Dibromofluoromethane	8.171	113	225090	48.936	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	97.880%
50) Toluene-d8	10.577	98	866798	48.959	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.920%
62) 4-Bromofluorobenzene	12.859	95	281862	45.077	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	90.160%
Target Compounds						
					Qvalue	
4) Vinyl Chloride	2.518	62	4820	0.860	ug/l #	32
16) Acetone	4.442	43	43818	23.826	ug/l	99
27) cis-1,2-Dichloroethene	7.500	96	48946	8.844	ug/l	98
44) Trichloroethene	9.359	130	236315	47.009	ug/l	96
69) o-Xylene	12.406	106	2861	0.323	ug/l	77
80) 1,3,5-Trimethylbenzene	13.182	105	4819	0.319	ug/l	93

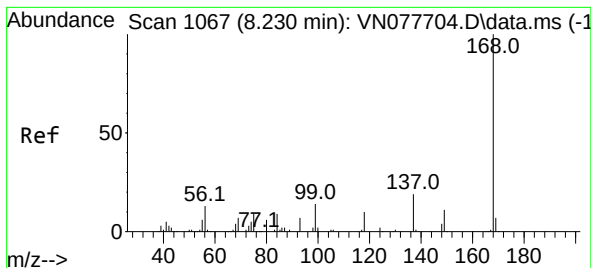
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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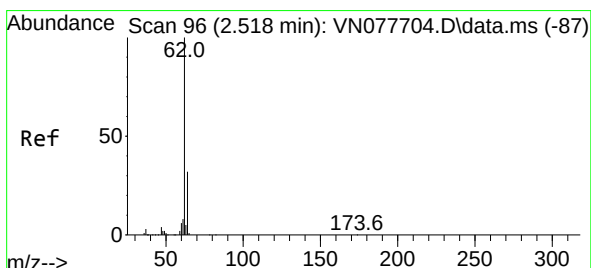
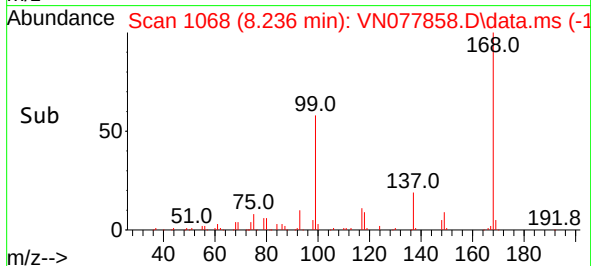
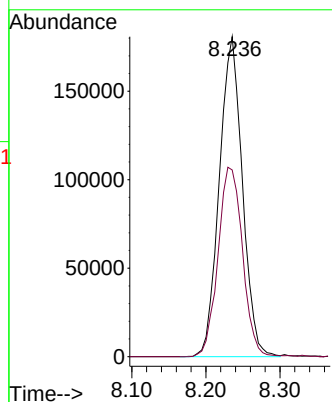
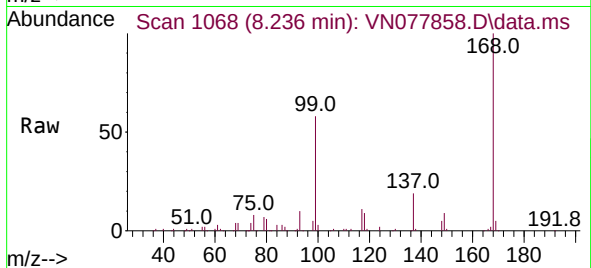




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077858.D
Acq: 24 May 2023 17:31

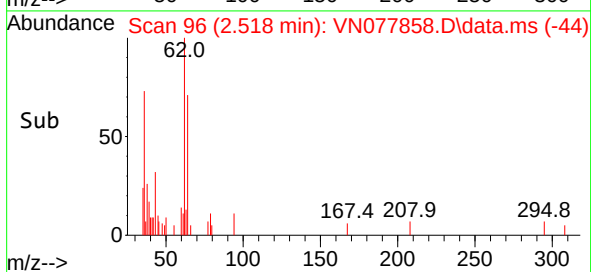
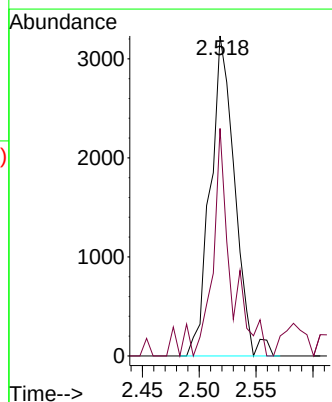
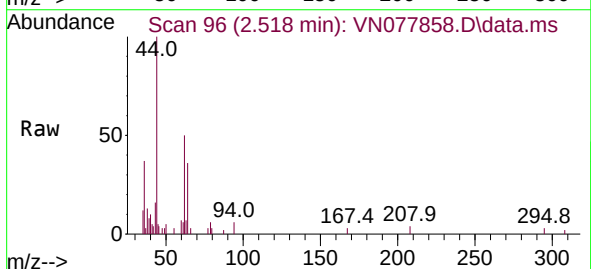
Instrument :
MSVOA_N
ClientSampleId :
50038

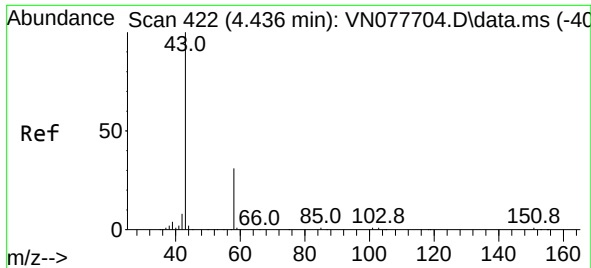
Tgt Ion:168 Resp: 390677
Ion Ratio Lower Upper
168 100
99 58.3 53.0 79.6



#4
Vinyl Chloride
Concen: 0.860 ug/l
RT: 2.518 min Scan# 96
Delta R.T. 0.006 min
Lab File: VN077858.D
Acq: 24 May 2023 17:31

Tgt Ion: 62 Resp: 4820
Ion Ratio Lower Upper
62 100
64 71.1 26.2 39.2#





#16

Acetone

Concen: 23.826 ug/l

RT: 4.442 min Scan# 431

Delta R.T. 0.012 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

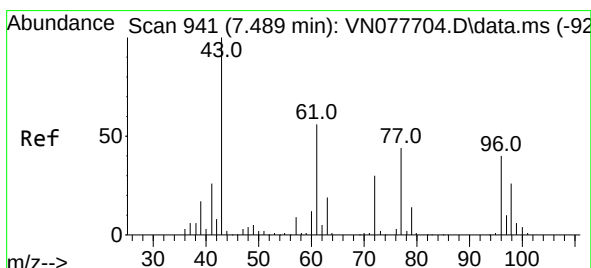
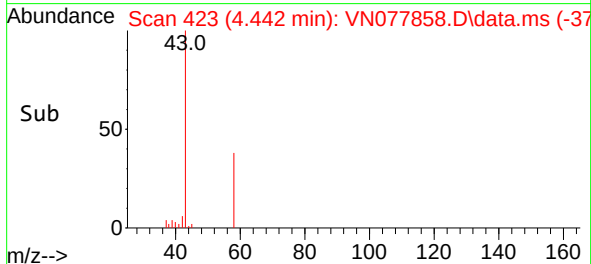
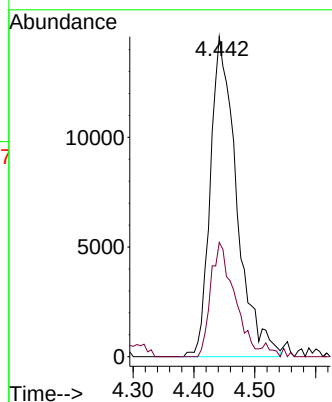
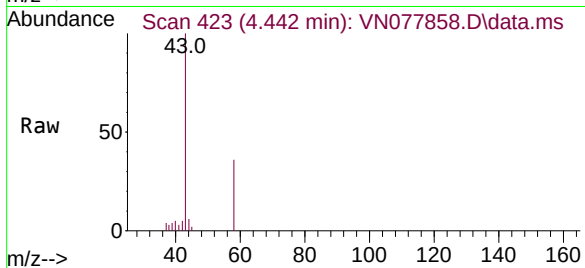
50038

Tgt Ion: 43 Resp: 43818

Ion Ratio Lower Upper

43 100

58 35.7 28.0 42.0



#27

cis-1,2-Dichloroethene

Concen: 8.844 ug/l

RT: 7.500 min Scan# 943

Delta R.T. 0.012 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

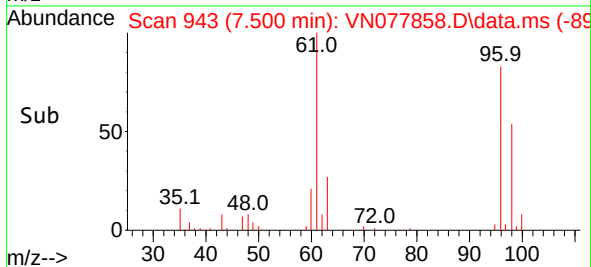
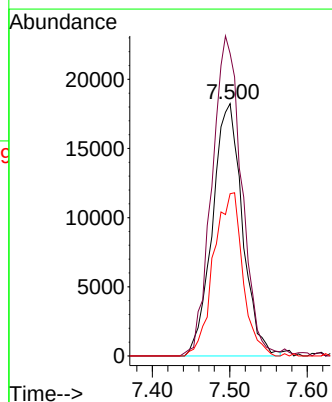
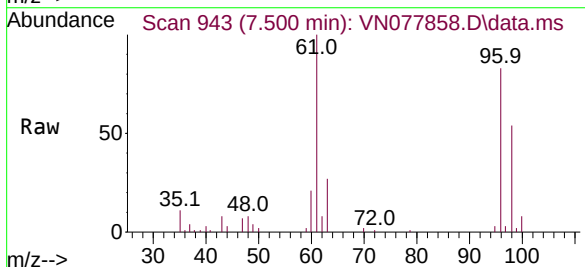
Tgt Ion: 96 Resp: 48946

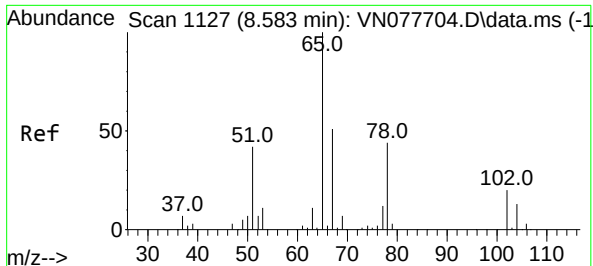
Ion Ratio Lower Upper

96 100

61 125.8 0.0 255.2

98 63.1 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 44.840 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

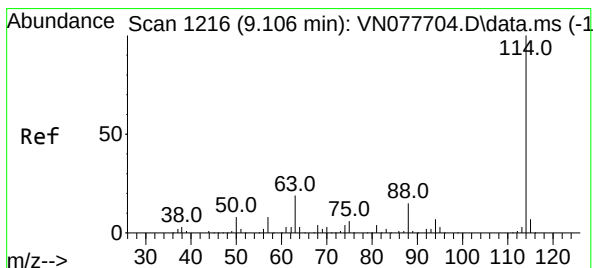
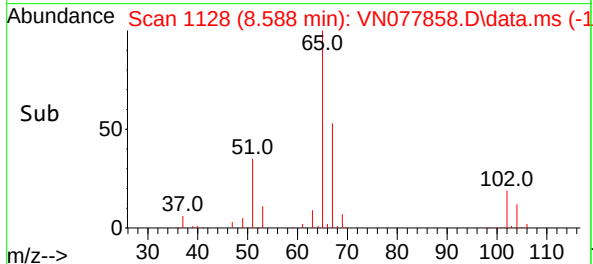
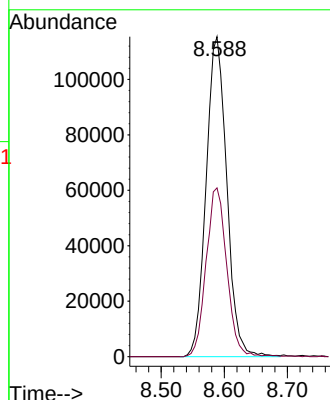
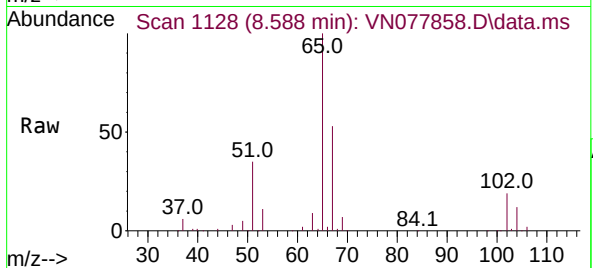
50038

Tgt Ion: 65 Resp: 262116

Ion Ratio Lower Upper

65 100

67 52.9 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: VN077858.D

Acq: 24 May 2023 17:31

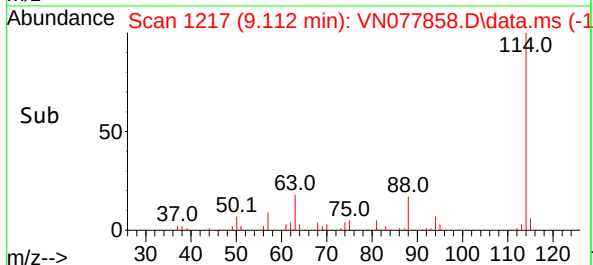
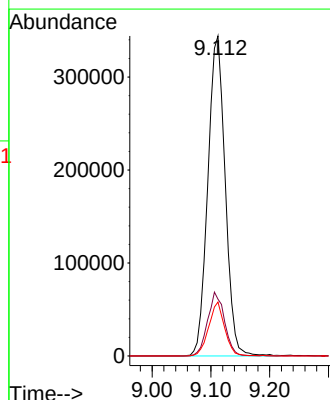
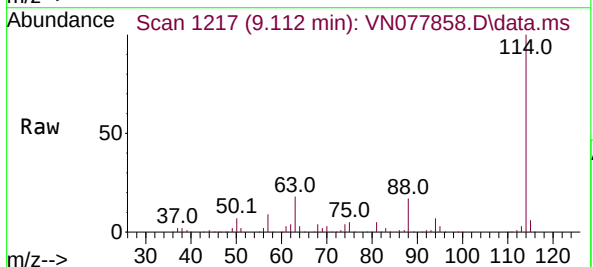
Tgt Ion: 114 Resp: 705380

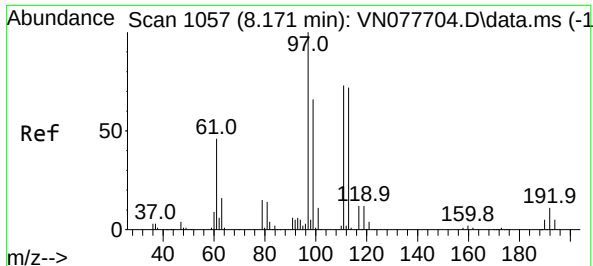
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.4

88 16.8 0.0 30.6





#35

Dibromofluoromethane

Concen: 48.936 ug/l

RT: 8.171 min Scan# 110

Delta R.T. -0.000 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

50038

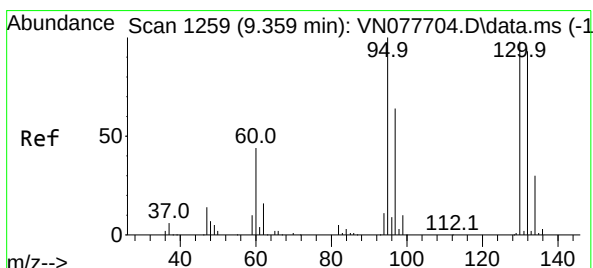
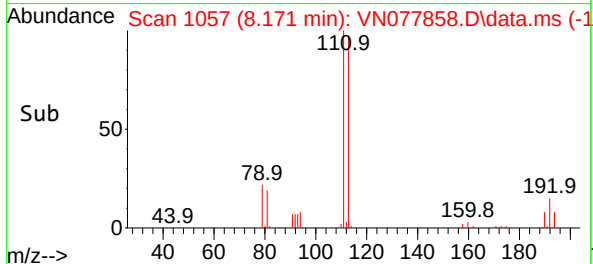
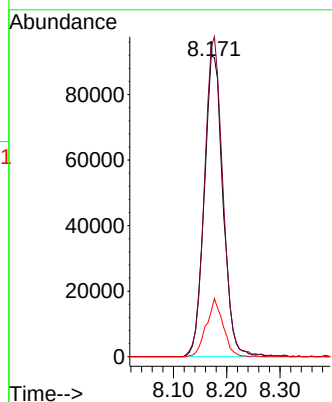
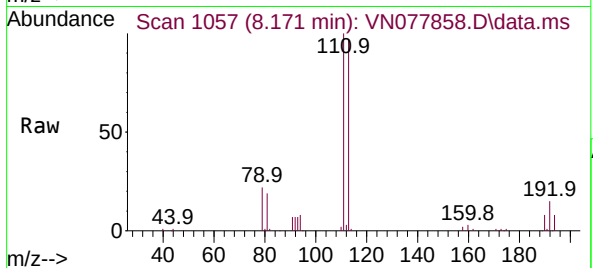
Tgt Ion:113 Resp: 225090

Ion Ratio Lower Upper

113 100

111 103.6 82.6 123.8

192 17.2 12.7 19.1



#44

Trichloroethene

Concen: 47.009 ug/l

RT: 9.359 min Scan# 1259

Delta R.T. -0.000 min

Lab File: VN077858.D

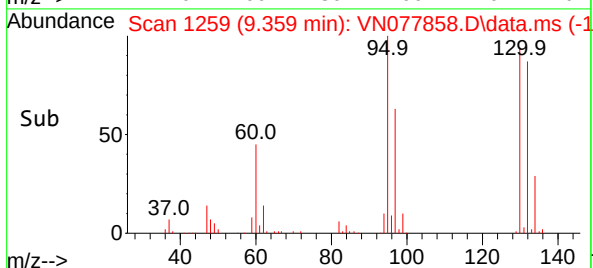
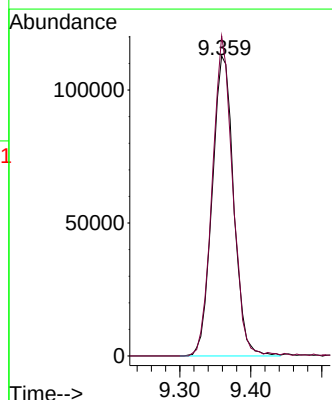
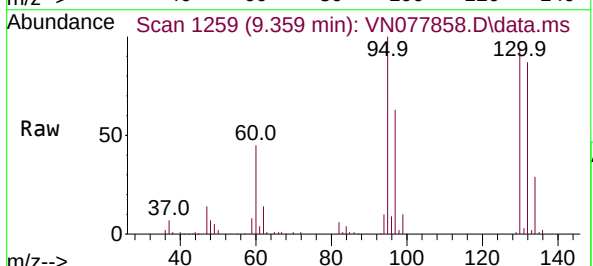
Acq: 24 May 2023 17:31

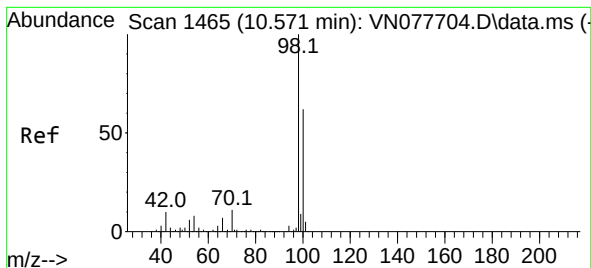
Tgt Ion:130 Resp: 236315

Ion Ratio Lower Upper

130 100

95 106.7 0.0 204.6





#50

Toluene-d8

Concen: 48.959 ug/l

RT: 10.577 min Scan# 1465

Delta R.T. 0.006 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

Instrument :

MSVOA_N

ClientSampleId :

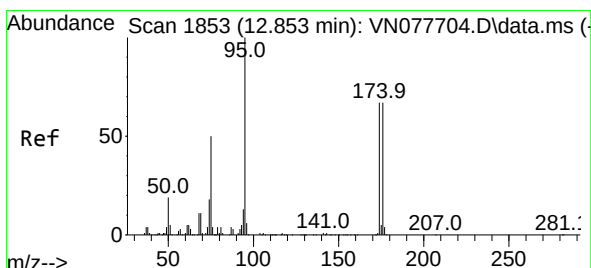
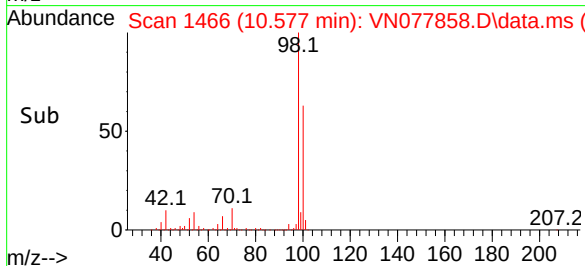
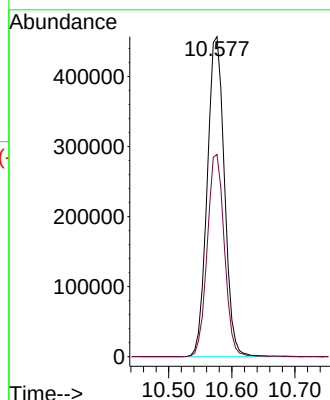
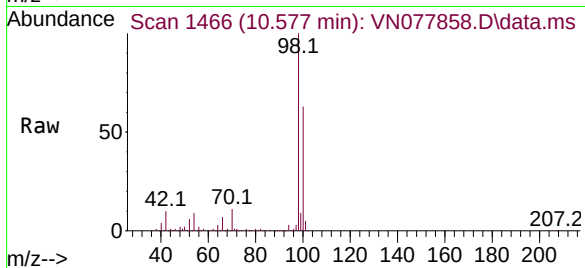
50038

Tgt Ion: 98 Resp: 866798

Ion Ratio Lower Upper

98 100

100 62.8 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 45.077 ug/l

RT: 12.859 min Scan# 1854

Delta R.T. 0.006 min

Lab File: VN077858.D

Acq: 24 May 2023 17:31

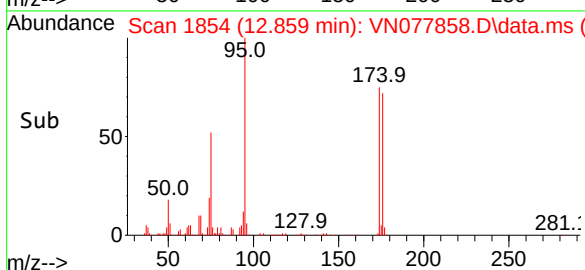
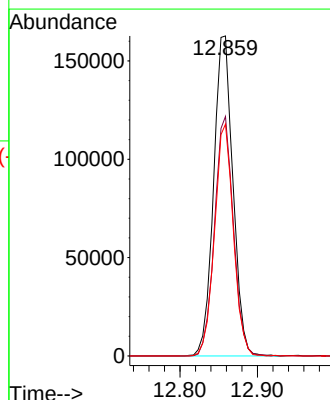
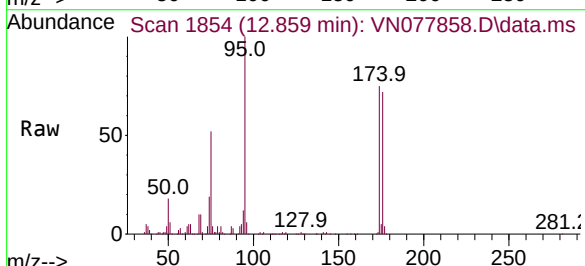
Tgt Ion: 95 Resp: 281862

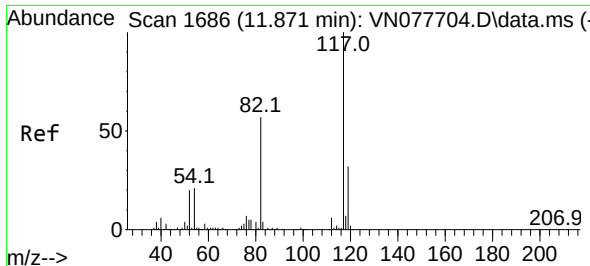
Ion Ratio Lower Upper

95 100

174 73.2 0.0 143.8

176 70.3 0.0 135.8

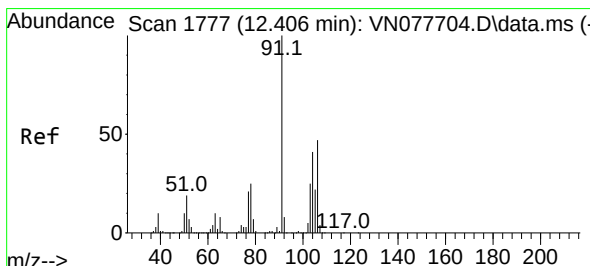
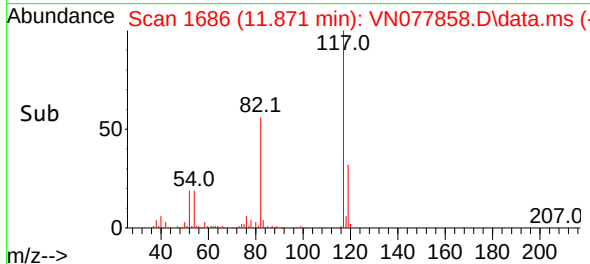
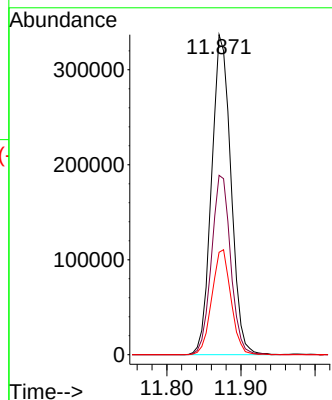
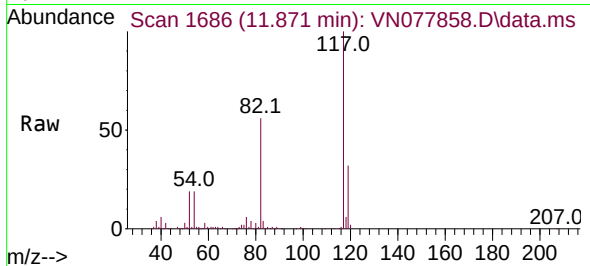




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1170
Delta R.T. 0.001 min
Lab File: VN077858.D
Acq: 24 May 2023 17:31

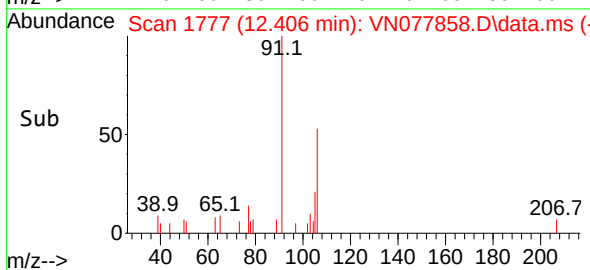
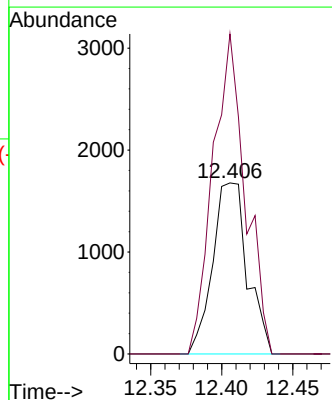
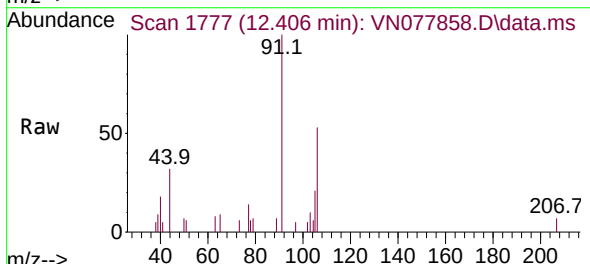
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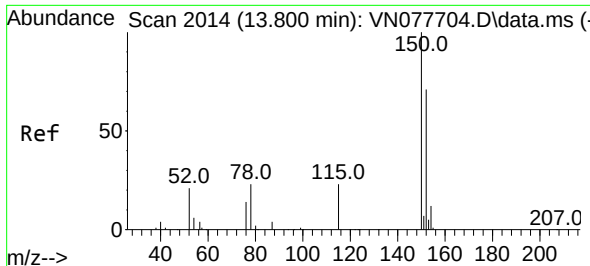
Tgt Ion:117 Resp: 611630
Ion Ratio Lower Upper
117 100
82 56.1 44.0 66.0
119 32.0 25.6 38.4



#69
o-Xylene
Concen: 0.323 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.000 min
Lab File: VN077858.D
Acq: 24 May 2023 17:31

Tgt Ion:106 Resp: 2861
Ion Ratio Lower Upper
106 100
91 174.6 105.2 315.5

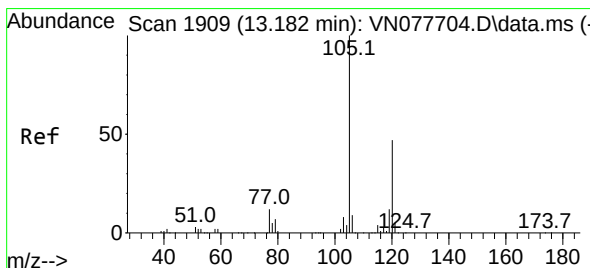
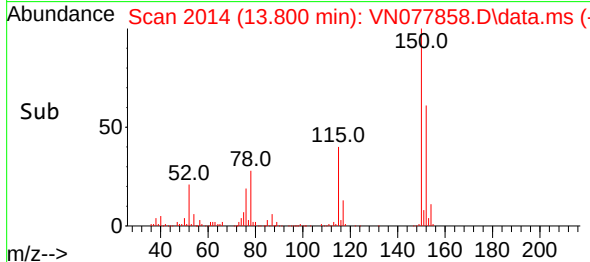
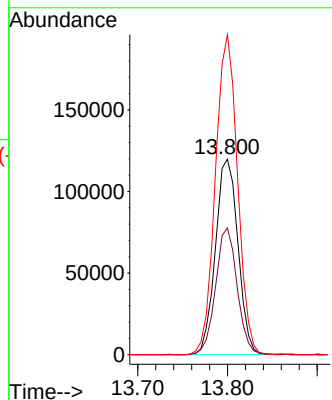
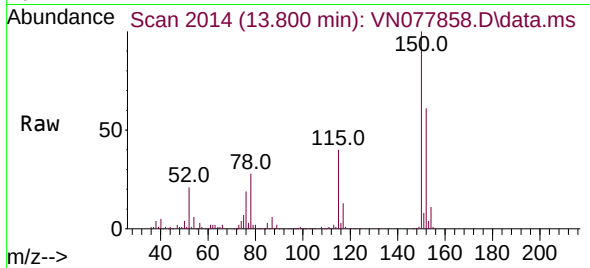




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 2014
 Delta R.T. -0.000 min
 Lab File: VN077858.D
 Acq: 24 May 2023 17:31

Instrument :
 MSVOA_N
 ClientSampleId :
 50038

Tgt Ion:152 Resp: 208763
 Ion Ratio Lower Upper
 152 100
 115 62.3 32.3 96.8
 150 160.6 0.0 355.8



#80
 1,3,5-Trimethylbenzene
 Concen: 0.319 ug/l
 RT: 13.182 min Scan# 1909
 Delta R.T. 0.000 min
 Lab File: VN077858.D
 Acq: 24 May 2023 17:31

Tgt Ion:105 Resp: 4819
 Ion Ratio Lower Upper
 105 100
 120 52.8 24.1 72.3

