

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051923\
 Data File : VN077760.D
 Acq On : 19 May 2023 13:38
 Operator : JC\MD
 Sample : 02834-13DL 5X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20230517DL

Quant Time: May 19 23:54:47 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)

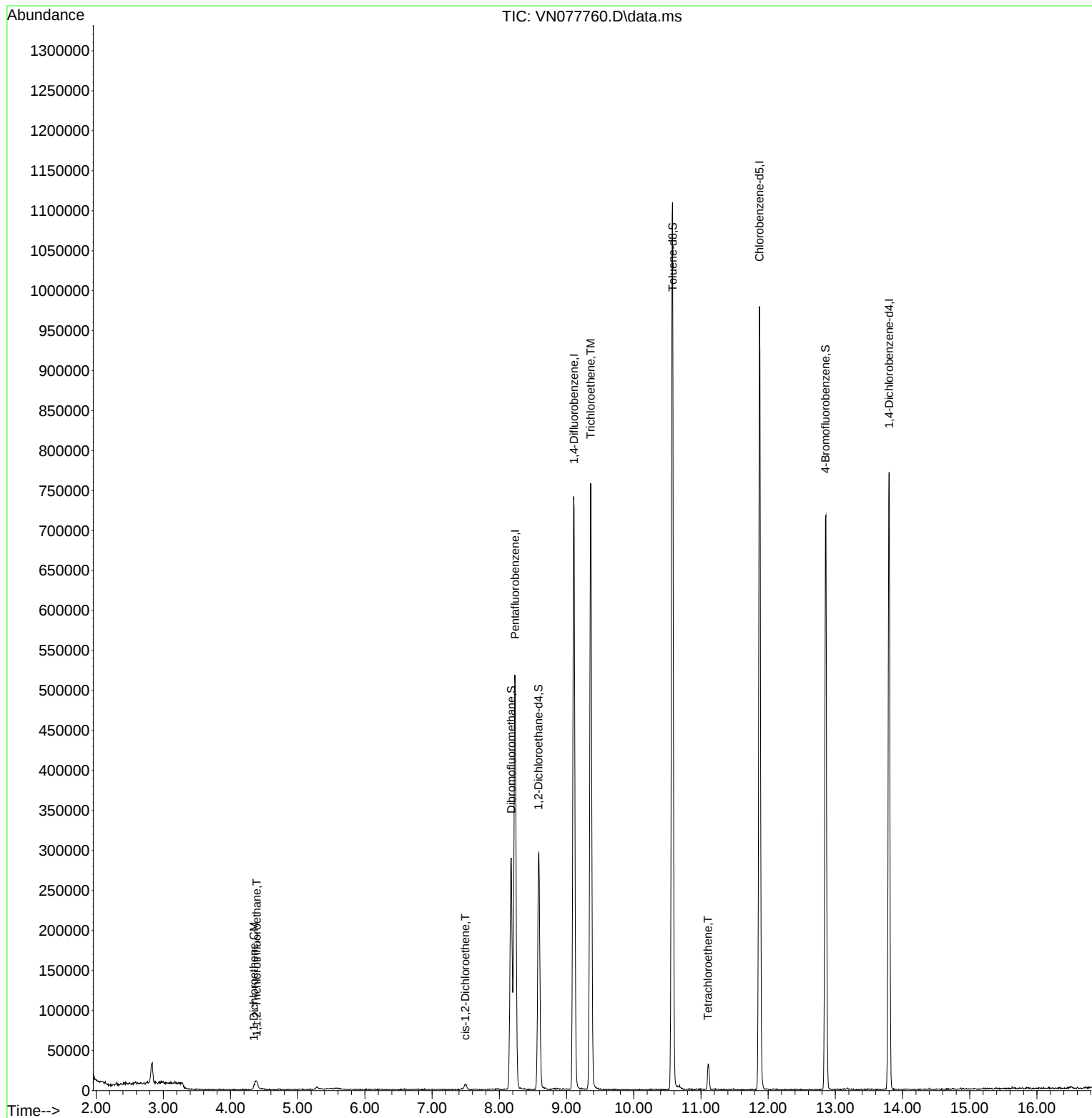
Internal Standards						
1) Pentafluorobenzene	8.236	168	367294	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	658477	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	583043	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	209583	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	245351	44.644	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.280%
35) Dibromofluoromethane	8.177	113	210849	49.105	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.200%
50) Toluene-d8	10.577	98	808617	48.926	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.860%
62) 4-Bromofluorobenzene	12.853	95	269744	46.212	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	92.420%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	7727	1.901	ug/l #	81
12) 1,1-Dichloroethene	4.348	96	2459	0.637	ug/l #	72
27) cis-1,2-Dichloroethene	7.494	96	4439	0.853	ug/l	95
44) Trichloroethene	9.359	130	271198	57.790	ug/l	98
64) Tetrachloroethene	11.106	164	7607	1.866	ug/l #	87

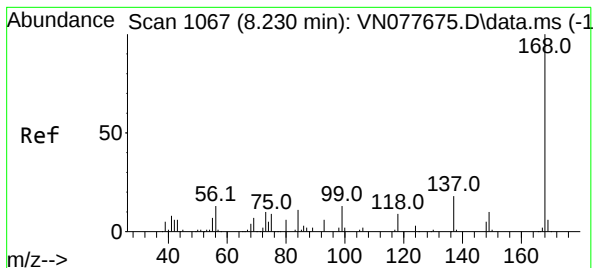
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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MSVOA_N
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RE125D2-20230517DL

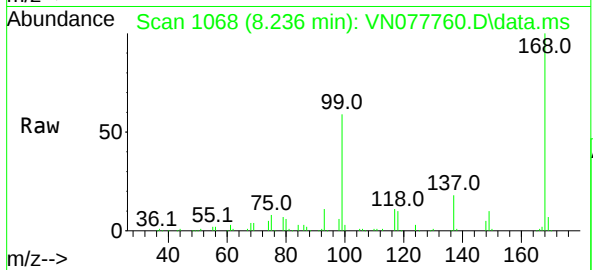
Quant Time: May 19 23:54:47 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N051523W.M
Quant Title : SW846 8260
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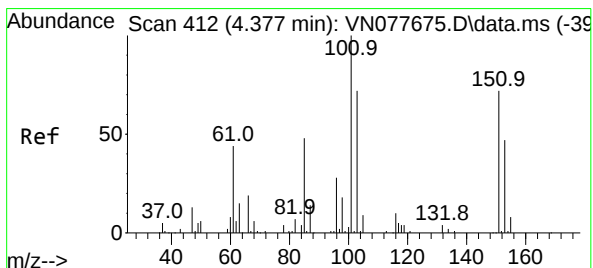
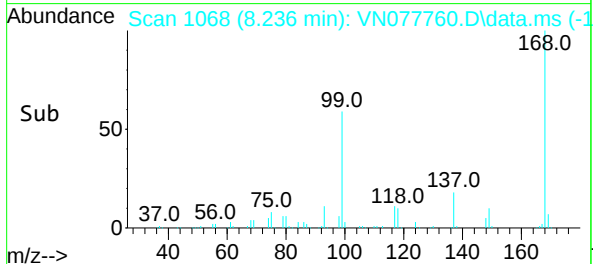
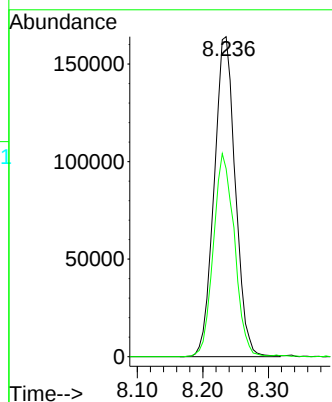


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. 0.006 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20230517DL

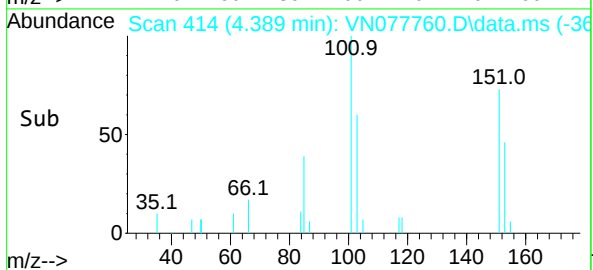
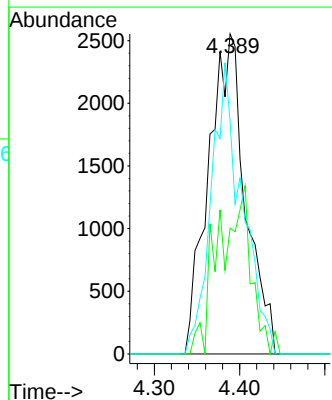
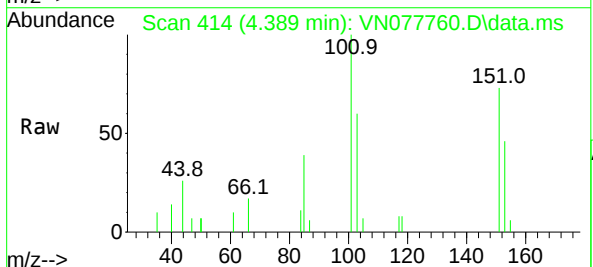


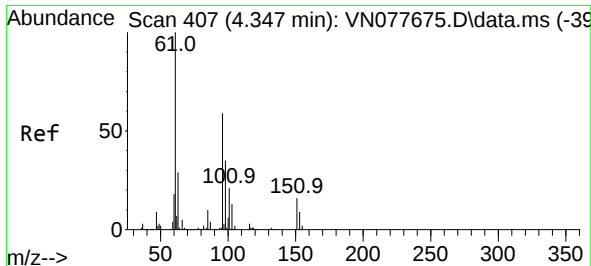
Tgt Ion:168 Resp: 367294
Ion Ratio Lower Upper
168 100
99 58.8 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 1.901 ug/l
RT: 4.389 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

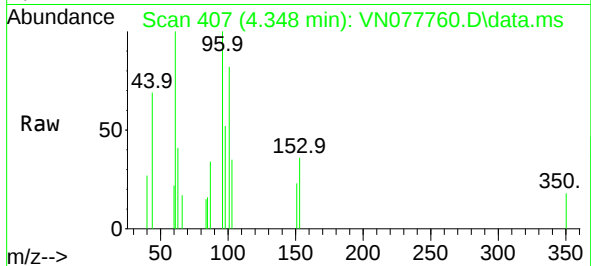
Tgt Ion:101 Resp: 7727
Ion Ratio Lower Upper
101 100
85 17.9 36.6 55.0#
151 75.4 57.6 86.4



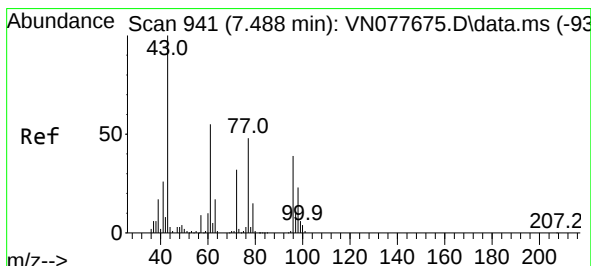
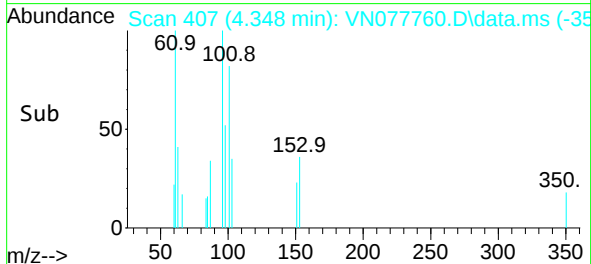
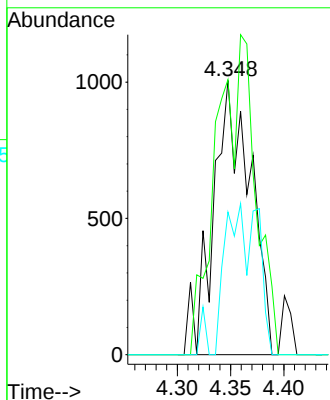


#12
1,1-Dichloroethene
Concen: 0.637 ug/l
RT: 4.348 min Scan# 407
Delta R.T. 0.001 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20230517DL

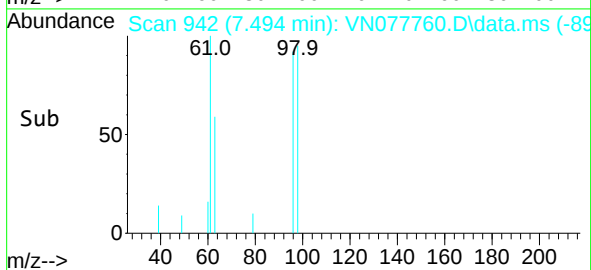
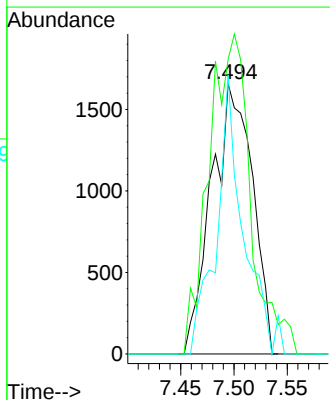
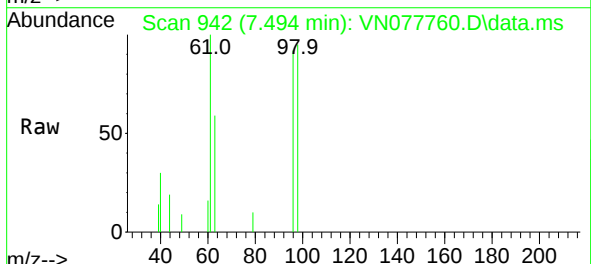


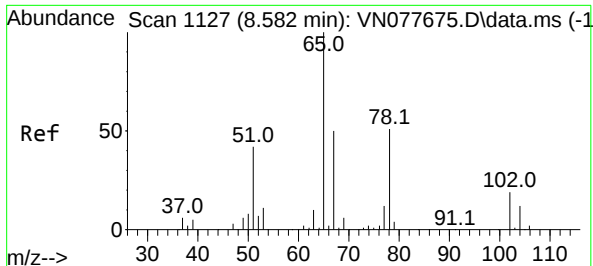
Tgt Ion: 96 Resp: 2459
Ion Ratio Lower Upper
96 100
61 100.3 112.7 169.1#
98 52.0 51.2 76.8



#27
cis-1,2-Dichloroethene
Concen: 0.853 ug/l
RT: 7.494 min Scan# 942
Delta R.T. 0.006 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

Tgt Ion: 96 Resp: 4439
Ion Ratio Lower Upper
96 100
61 120.5 0.0 255.2
98 67.7 0.0 128.8





#33

1,2-Dichloroethane-d4

Concen: 44.644 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. 0.001 min

Lab File: VN077760.D

Acq: 19 May 2023 13:38

Instrument :

MSVOA_N

ClientSampleId :

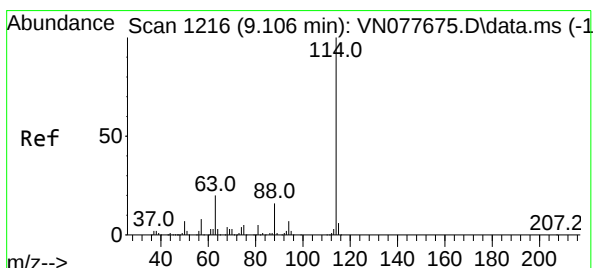
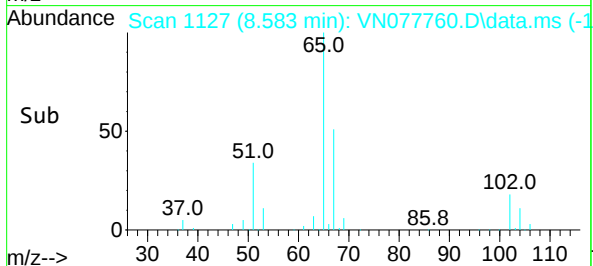
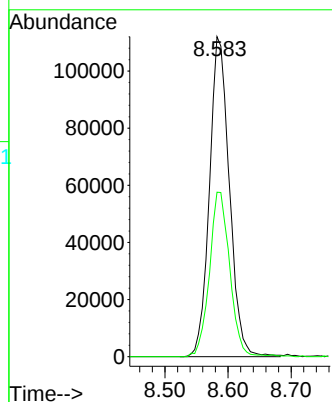
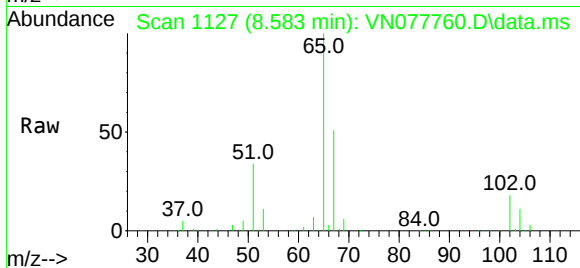
RE125D2-20230517DL

Tgt Ion: 65 Resp: 245351

Ion Ratio Lower Upper

65 100

67 52.2 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: VN077760.D

Acq: 19 May 2023 13:38

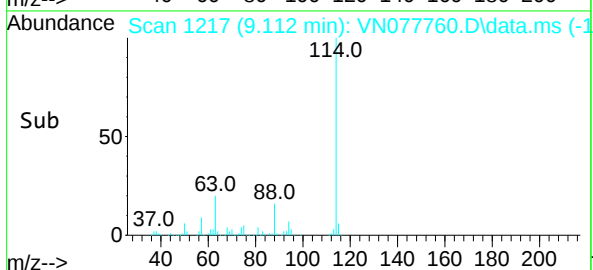
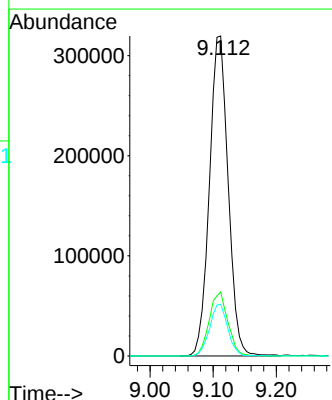
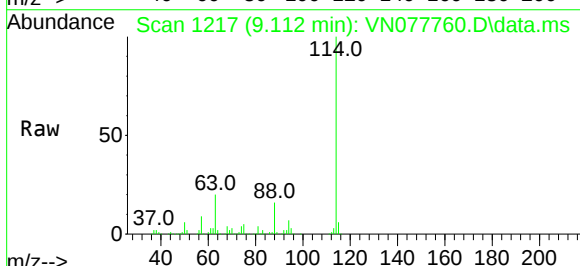
Tgt Ion: 114 Resp: 658477

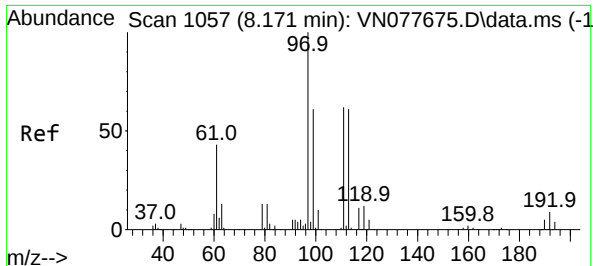
Ion Ratio Lower Upper

114 100

63 20.0 0.0 36.4

88 16.1 0.0 30.6

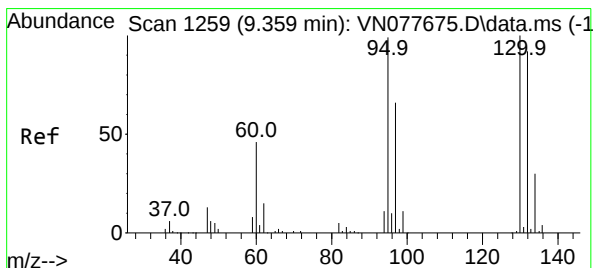
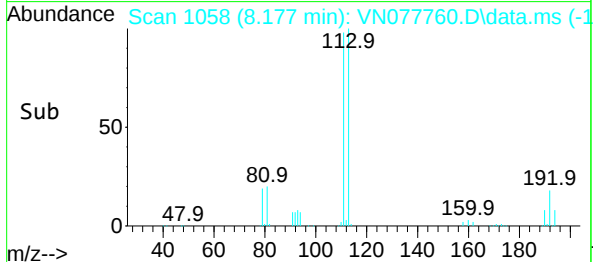
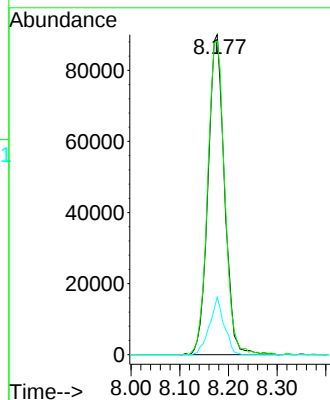
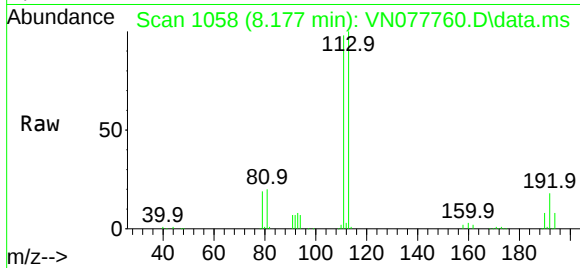




#35
Dibromofluoromethane
Concen: 49.105 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

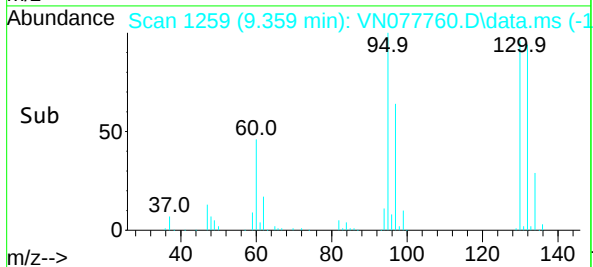
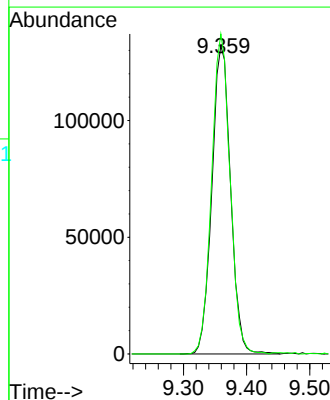
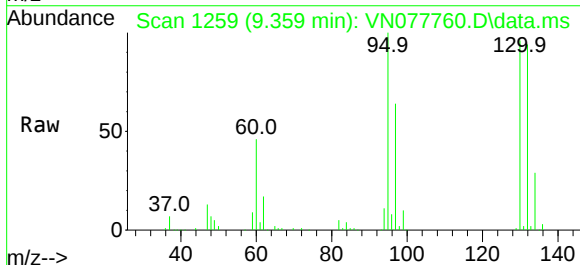
Instrument :
MSVOA_N
ClientSampleId :
RE125D2-20230517DL

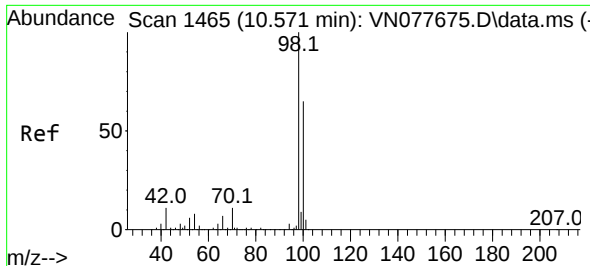
Tgt Ion:113 Resp: 210849
Ion Ratio Lower Upper
113 100
111 101.7 82.6 123.8
192 16.0 12.7 19.1



#44
Trichloroethene
Concen: 57.790 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. 0.000 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

Tgt Ion:130 Resp: 271198
Ion Ratio Lower Upper
130 100
95 103.9 0.0 204.6

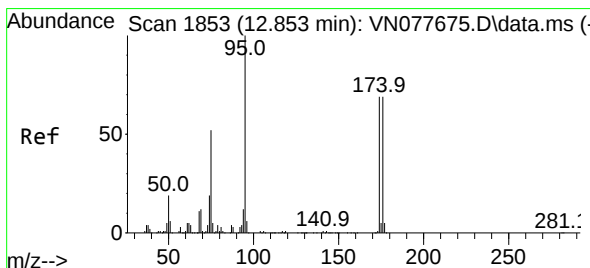
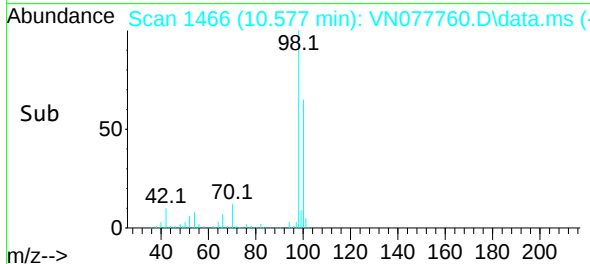
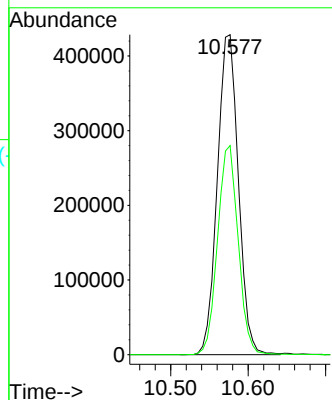
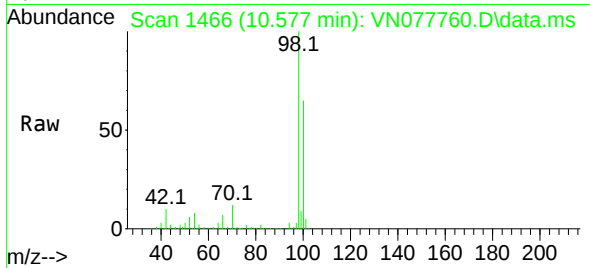




#50
Toluene-d8
Concen: 48.926 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

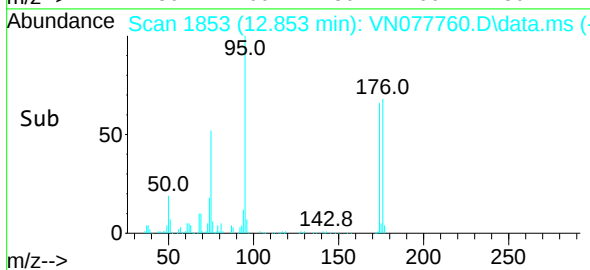
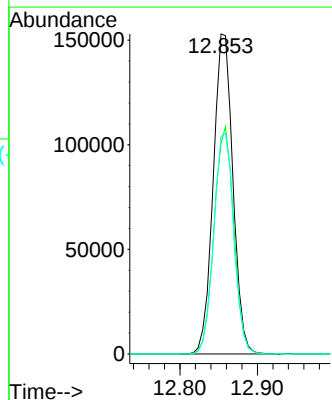
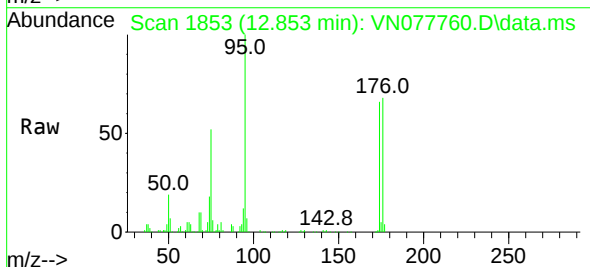
Instrument :
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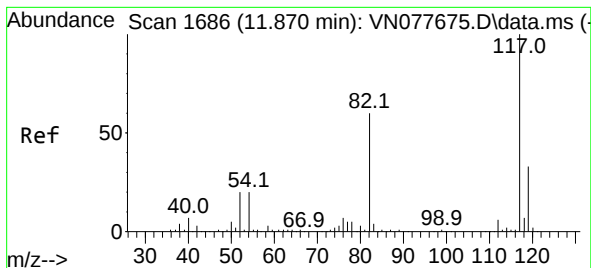
Tgt Ion: 98 Resp: 808617
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 46.212 ug/l
RT: 12.853 min Scan# 1853
Delta R.T. -0.000 min
Lab File: VN077760.D
Acq: 19 May 2023 13:38

Tgt Ion: 95 Resp: 269744
Ion Ratio Lower Upper
95 100
174 71.1 0.0 143.8
176 70.0 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: VN077760.D

Acq: 19 May 2023 13:38

Instrument :

MSVOA_N

ClientSampleId :

RE125D2-20230517DL

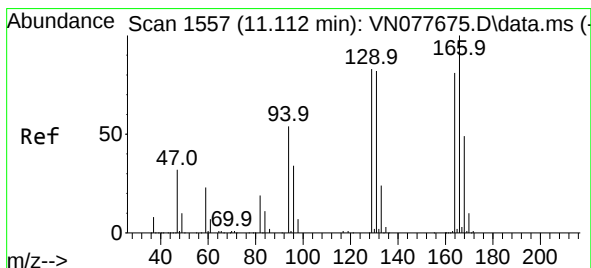
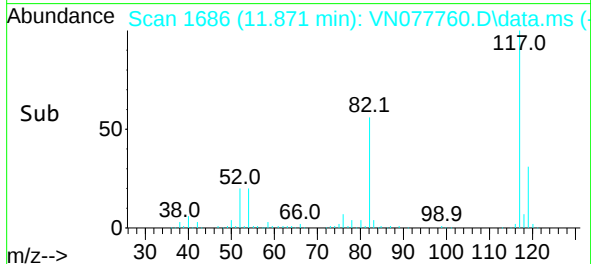
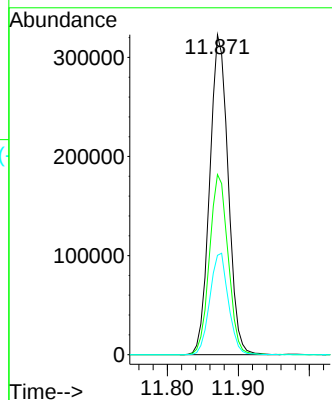
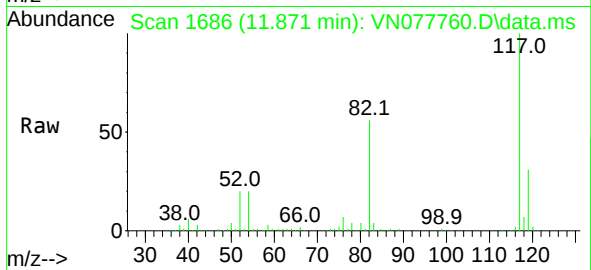
Tgt Ion:117 Resp: 583043

Ion Ratio Lower Upper

117 100

82 56.3 44.0 66.0

119 31.1 25.6 38.4



#64

Tetrachloroethene

Concen: 1.866 ug/l

RT: 11.106 min Scan# 1556

Delta R.T. -0.006 min

Lab File: VN077760.D

Acq: 19 May 2023 13:38

Tgt Ion:164 Resp: 7607

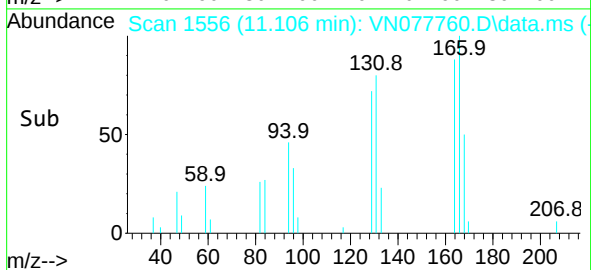
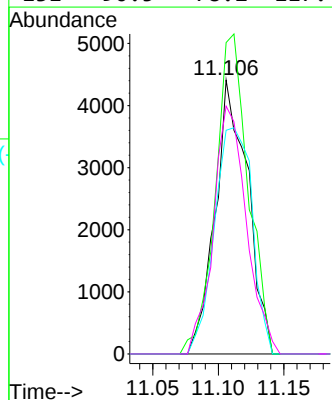
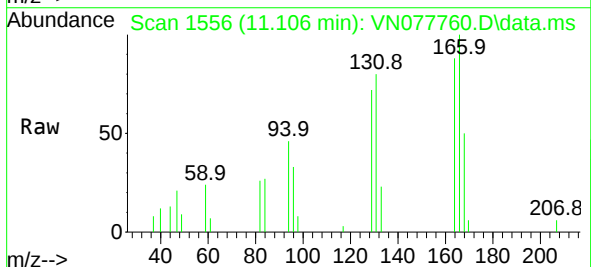
Ion Ratio Lower Upper

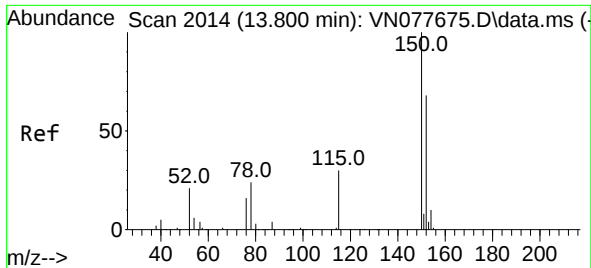
164 100

166 113.7 101.4 152.0

129 81.7 82.4 123.6#

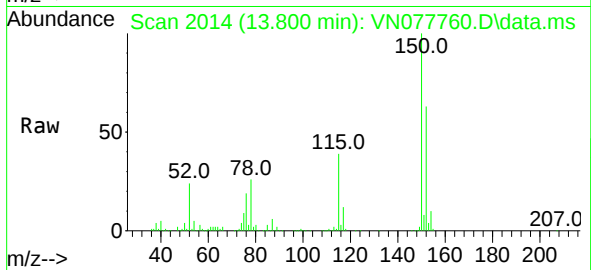
131 90.5 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077760.D
 Acq: 19 May 2023 13:38

Instrument :
 MSVOA_N
 ClientSampleId :
 RE125D2-20230517DL



Tgt Ion:152 Resp: 209583

Ion	Ratio	Lower	Upper
152	100		
115	61.2	32.3	96.8
150	155.4	0.0	355.8

