

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
 Data File : VN077741.D
 Acq On : 18 May 2023 17:06
 Operator : JC\MD
 Sample : 02834-14DL 40X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20230517DL

Quant Time: May 19 07:36:08 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)

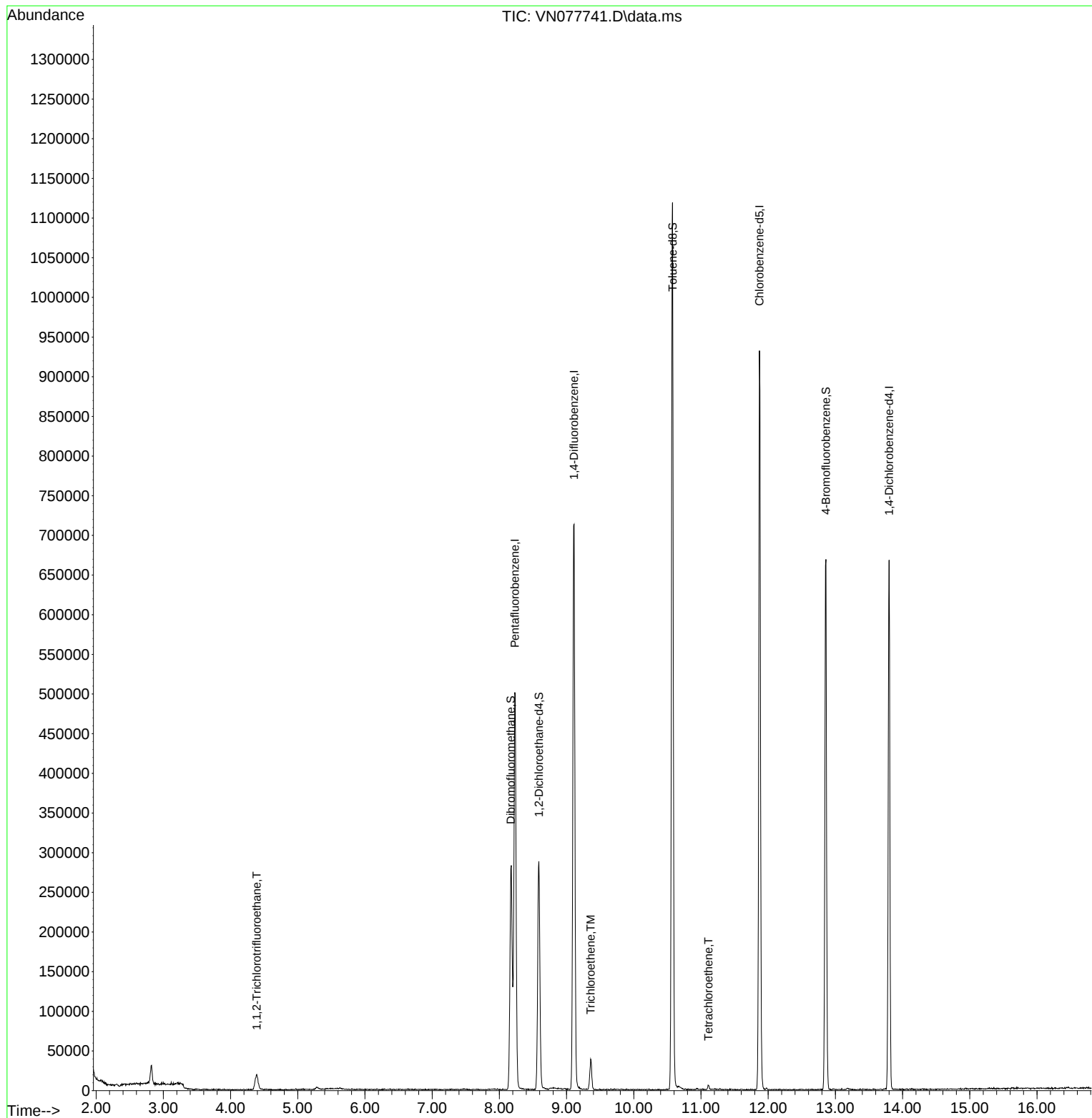
Internal Standards						
1) Pentafluorobenzene	8.230	168	356401	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.112	114	647144	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.870	117	551279	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	180721	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	238849	44.790	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	89.580%
35) Dibromofluoromethane	8.171	113	204169	48.382	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	96.760%
50) Toluene-d8	10.576	98	794431	48.909	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.859	95	244494	42.620	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	85.240%
Target Compounds						
					Qvalue	
9) 1,1,2-Trichlorotrifluo...	4.389	101	12893	3.269	ug/l	95
44) Trichloroethene	9.359	130	13345	2.894	ug/l	89
64) Tetrachloroethene	11.112	164	1164	0.302	ug/l #	70

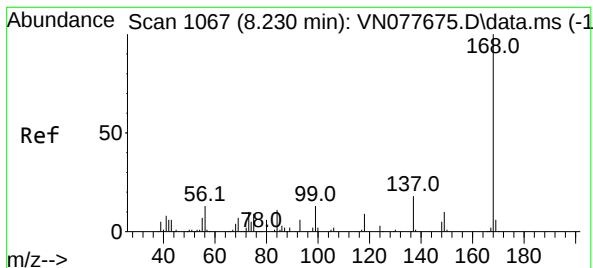
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051823\
Data File : VN077741.D
Acq On : 18 May 2023 17:06
Operator : JC\MD
Sample : 02834-14DL 40X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
DUP02-20230517DL

Quant Time: May 19 07:36:08 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

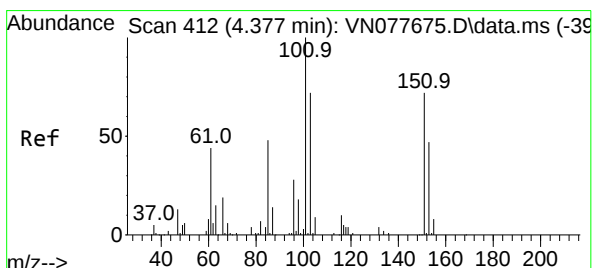
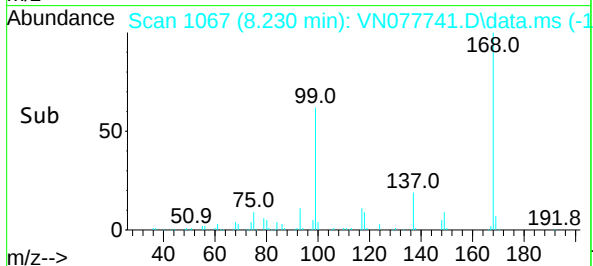
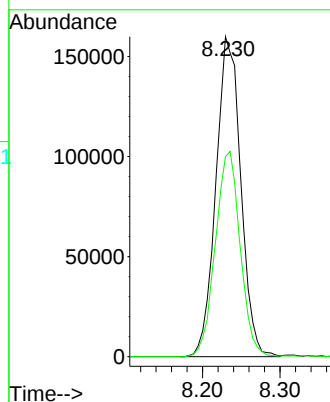
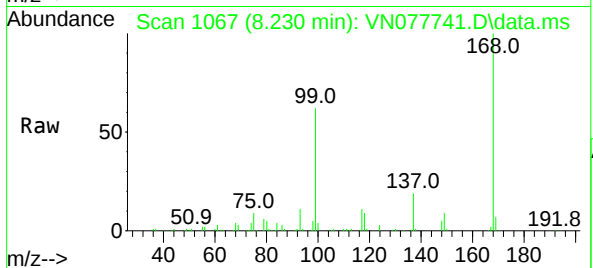




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

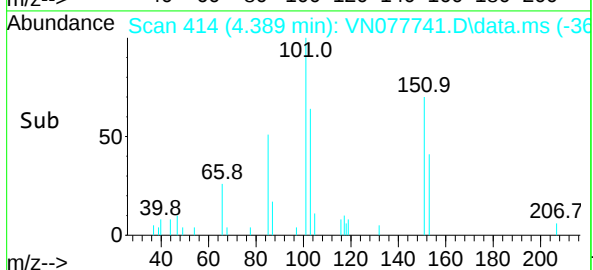
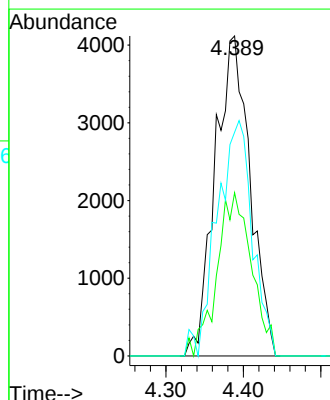
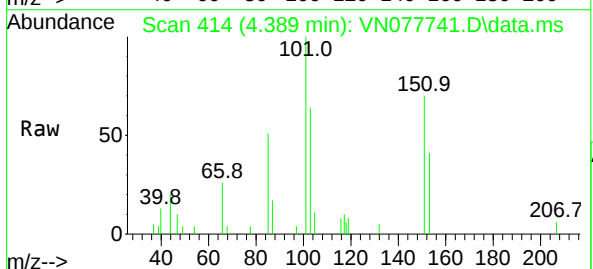
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20230517DL

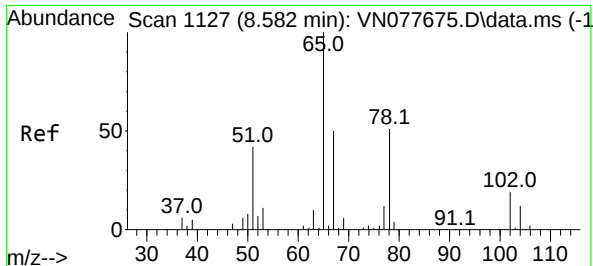
Tgt Ion:168 Resp: 356401
Ion Ratio Lower Upper
168 100
99 62.5 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.269 ug/l
RT: 4.389 min Scan# 414
Delta R.T. 0.012 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

Tgt Ion:101 Resp: 12893
Ion Ratio Lower Upper
101 100
85 50.6 36.6 55.0
151 74.7 57.6 86.4





#33

1,2-Dichloroethane-d4

Concen: 44.790 ug/l

RT: 8.588 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN077741.D

Acq: 18 May 2023 17:06

Instrument :

MSVOA_N

ClientSampleId :

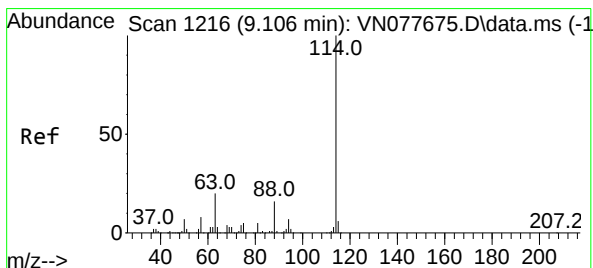
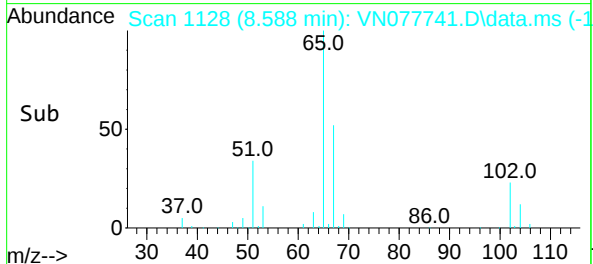
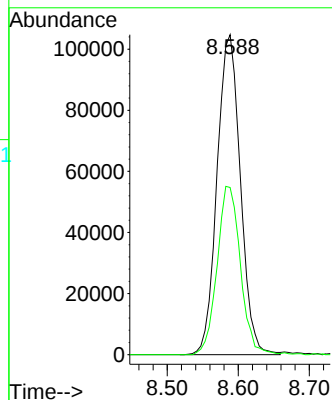
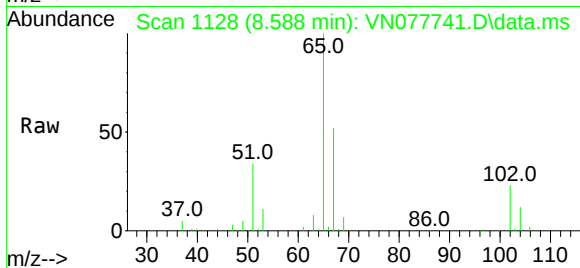
DUP02-20230517DL

Tgt Ion: 65 Resp: 238849

Ion Ratio Lower Upper

65 100

67 52.7 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: VN077741.D

Acq: 18 May 2023 17:06

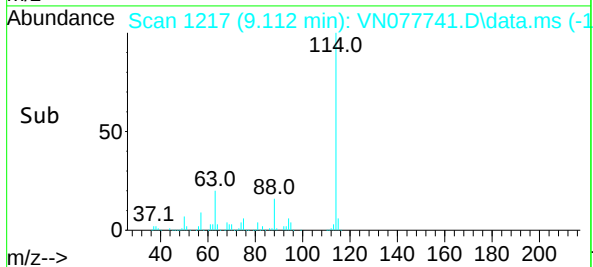
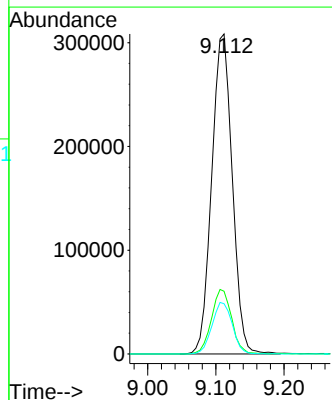
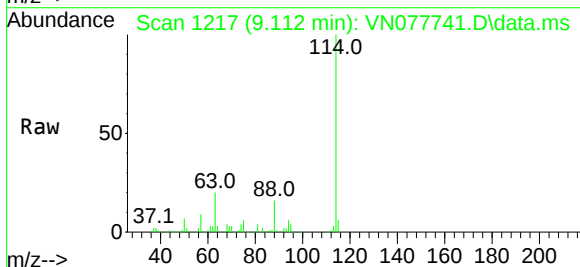
Tgt Ion: 114 Resp: 647144

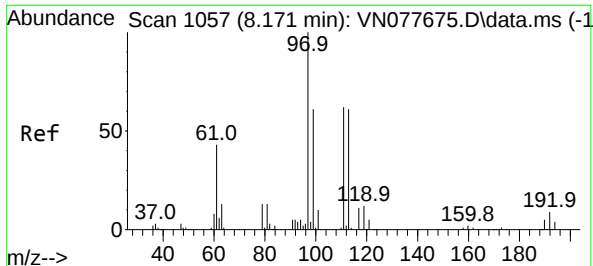
Ion Ratio Lower Upper

114 100

63 19.6 0.0 36.4

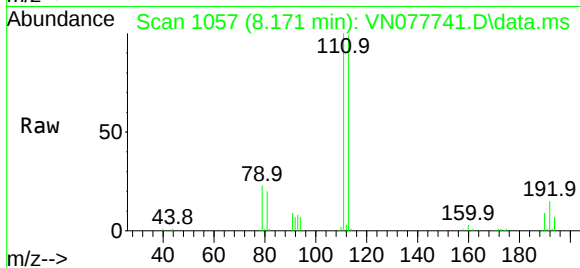
88 15.7 0.0 30.6



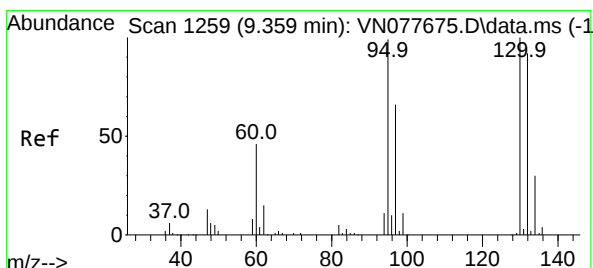
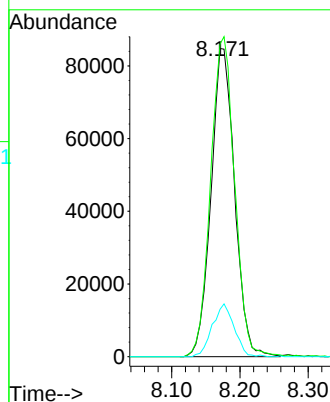
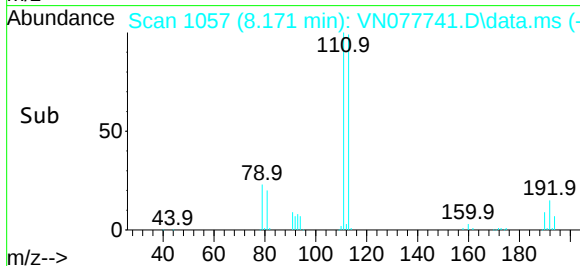


#35
Dibromofluoromethane
Concen: 48.382 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.000 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

Instrument :
MSVOA_N
ClientSampleId :
DUP02-20230517DL

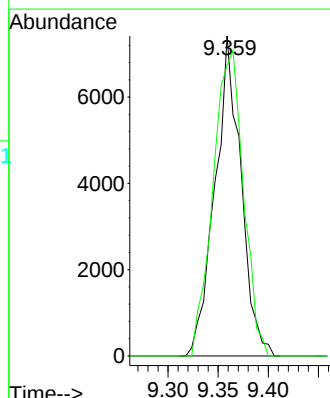
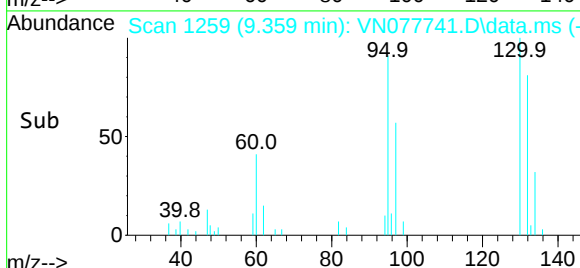
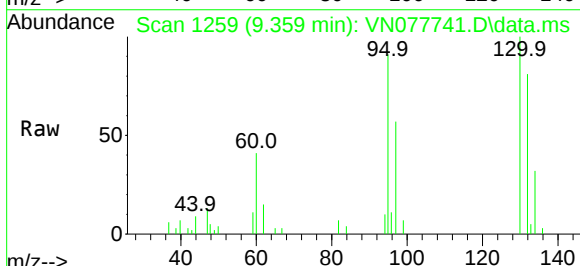


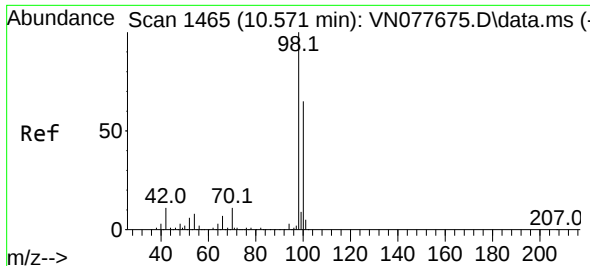
Tgt Ion:113 Resp: 204169
Ion Ratio Lower Upper
113 100
111 105.4 82.6 123.8
192 16.0 12.7 19.1



#44
Trichloroethene
Concen: 2.894 ug/l
RT: 9.359 min Scan# 1259
Delta R.T. -0.000 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

Tgt Ion:130 Resp: 13345
Ion Ratio Lower Upper
130 100
95 90.8 0.0 204.6

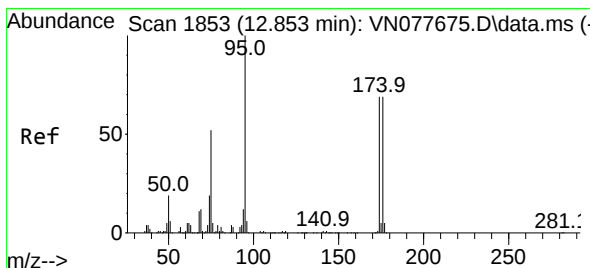
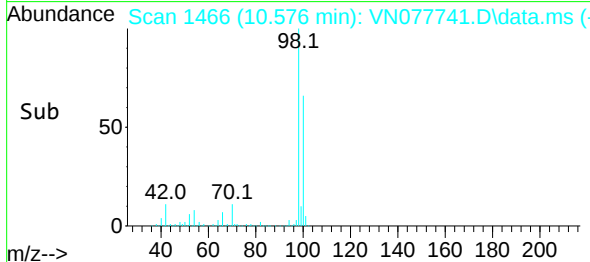
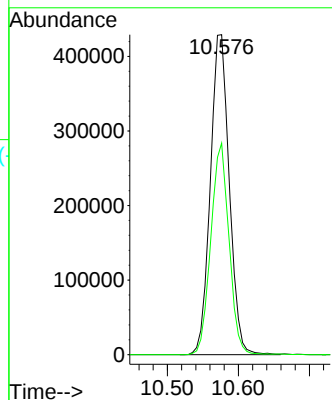
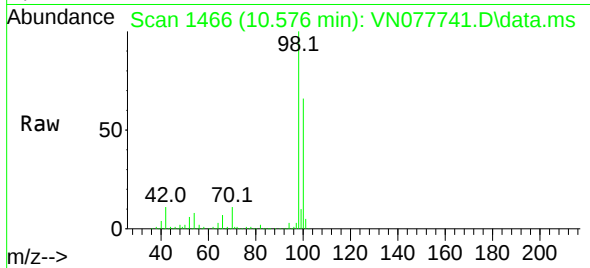




#50
Toluene-d8
Concen: 48.909 ug/l
RT: 10.576 min Scan# 1465
Delta R.T. 0.005 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

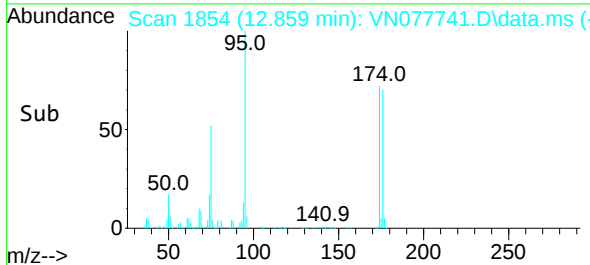
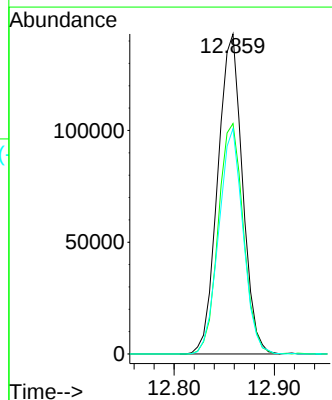
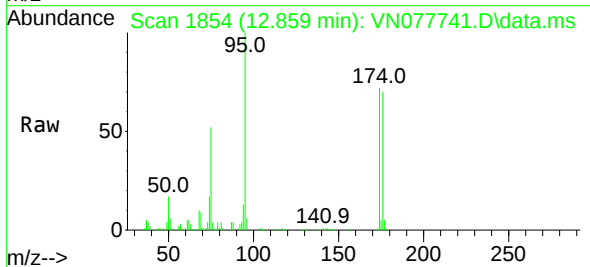
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20230517DL

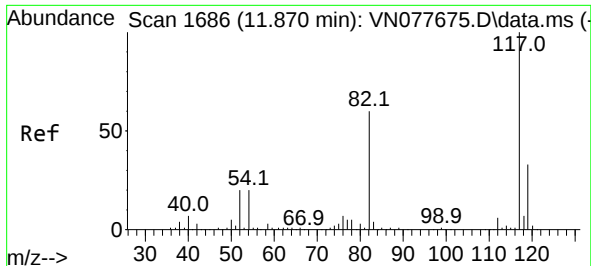
Tgt Ion: 98 Resp: 794431
Ion Ratio Lower Upper
98 100
100 63.6 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.620 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

Tgt Ion: 95 Resp: 244494
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 69.3 0.0 135.8

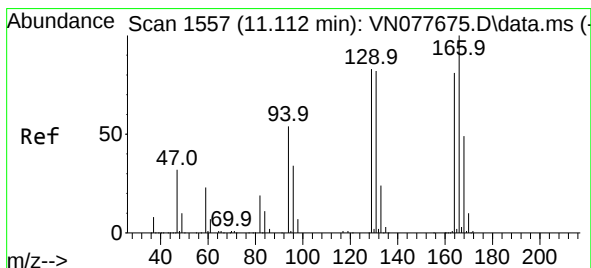
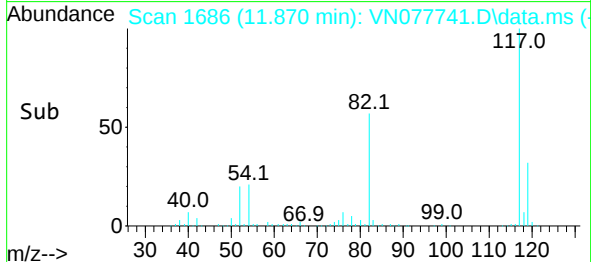
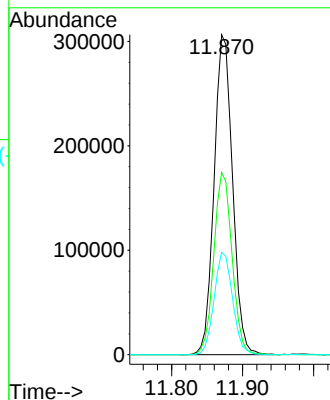
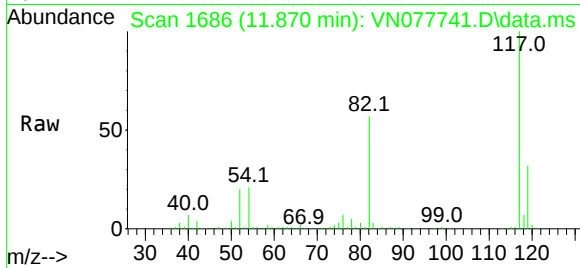




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.870 min Scan# 117
Delta R.T. 0.000 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

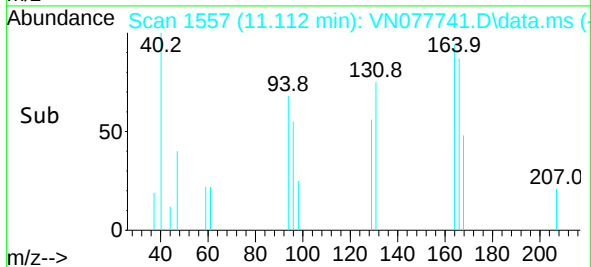
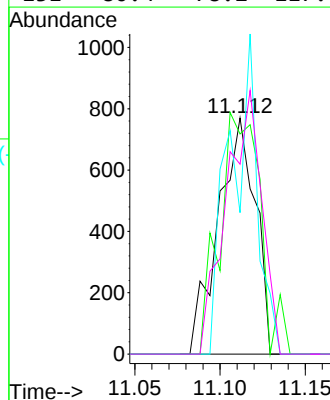
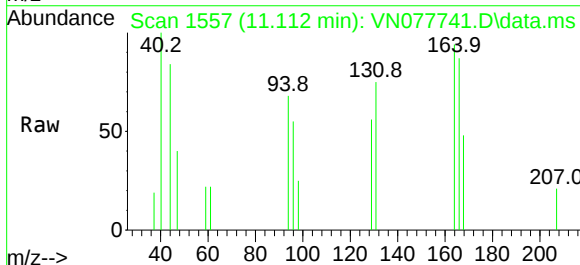
Instrument :
MSVOA_N
ClientSampleId :
DUP02-20230517DL

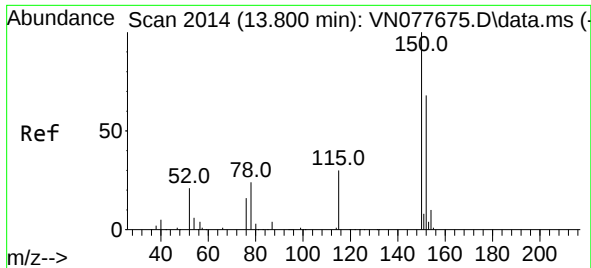
Tgt Ion:117 Resp: 551279
Ion Ratio Lower Upper
117 100
82 57.0 44.0 66.0
119 32.0 25.6 38.4



#64
Tetrachloroethene
Concen: 0.302 ug/l
RT: 11.112 min Scan# 1557
Delta R.T. -0.000 min
Lab File: VN077741.D
Acq: 18 May 2023 17:06

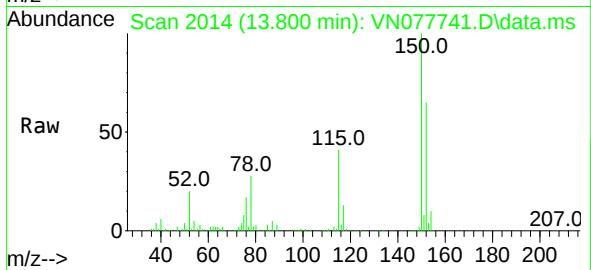
Tgt Ion:164 Resp: 1164
Ion Ratio Lower Upper
164 100
166 93.2 101.4 152.0#
129 59.9 82.4 123.6#
131 80.4 78.2 117.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077741.D
 Acq: 18 May 2023 17:06

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP02-20230517DL



Tgt Ion:152 Resp: 180721
 Ion Ratio Lower Upper
 152 100
 115 61.6 32.3 96.8
 150 155.7 0.0 355.8

