

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN052223\
 Data File : VN077785.D
 Acq On : 22 May 2023 13:30
 Operator : JC\MD
 Sample : 02880-10 20X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20230518

Quant Time: May 23 04:19:17 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)

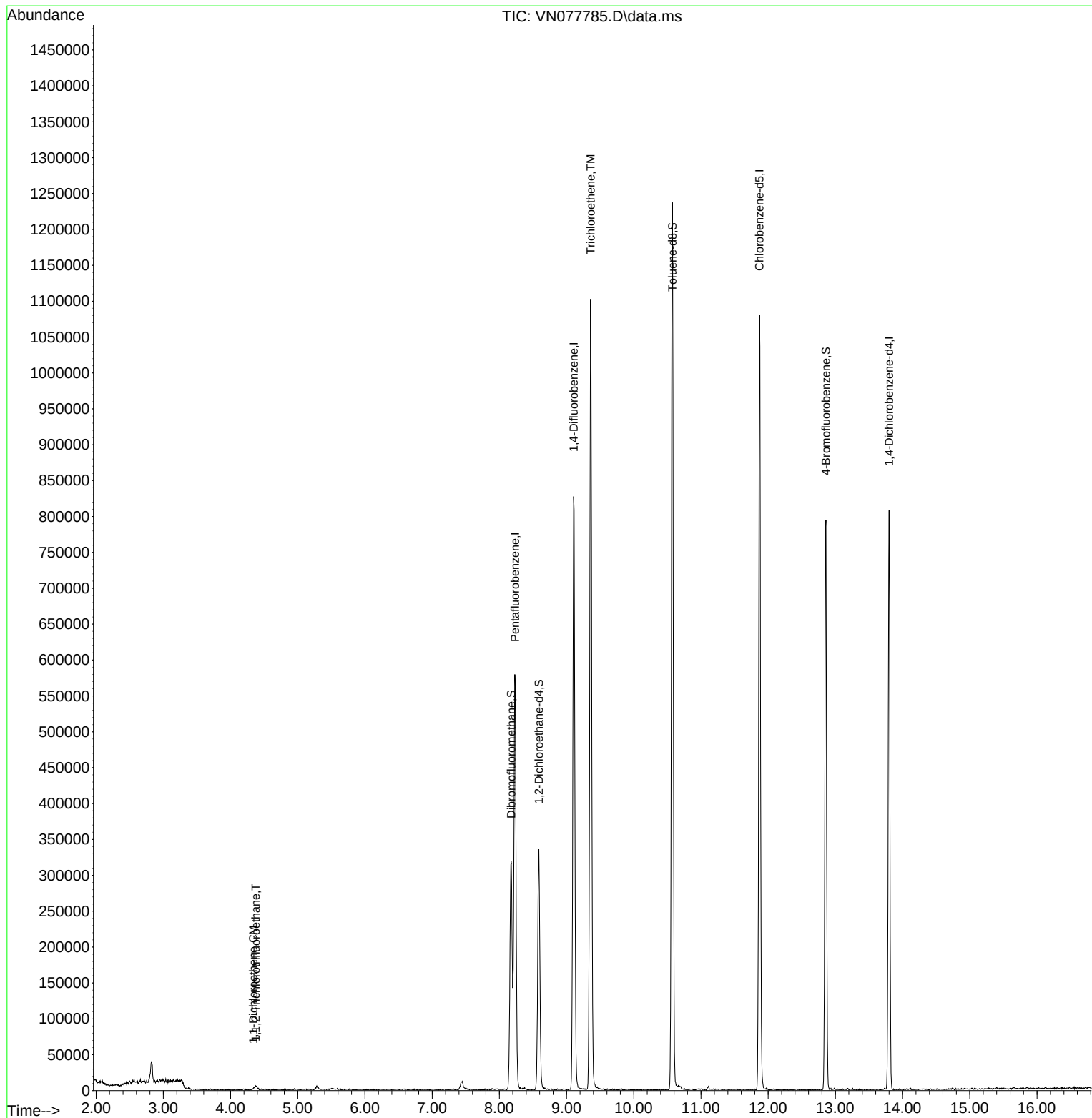
Internal Standards						
1) Pentafluorobenzene	8.235	168	419686	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	738751	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	649901	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	223037	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	273730	43.590	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	87.180%
35) Dibromofluoromethane	8.177	113	236591	49.113	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.220%
50) Toluene-d8	10.576	98	909913	49.073	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.140%
62) 4-Bromofluorobenzene	12.859	95	288529	44.059	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	88.120%
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.377	101	3784	0.815	ug/l	92
12) 1,1-Dichloroethene	4.342	96	1302	0.295	ug/l	86
44) Trichloroethene	9.359	130	394902	75.007	ug/l	99

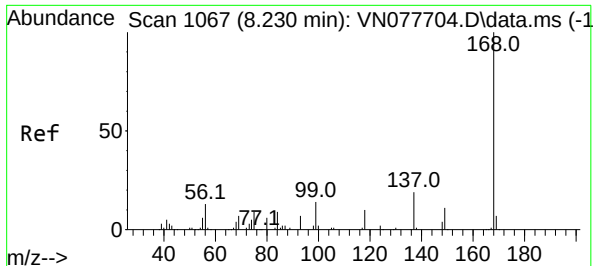
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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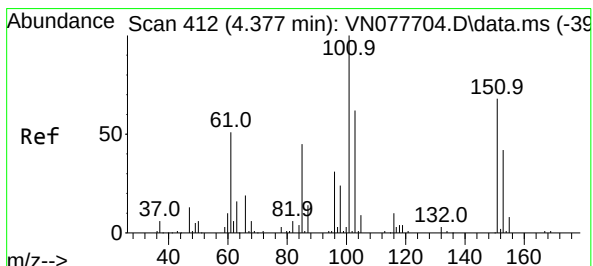
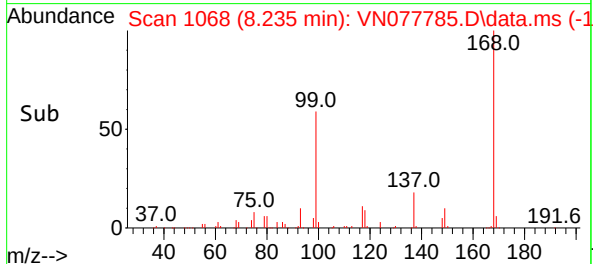
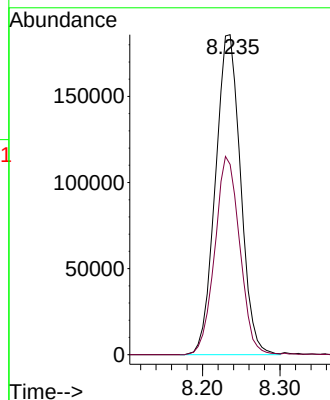
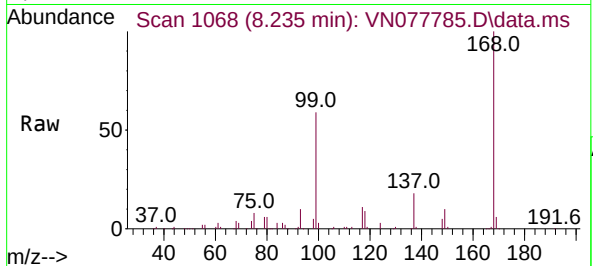




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1067
Delta R.T. 0.005 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

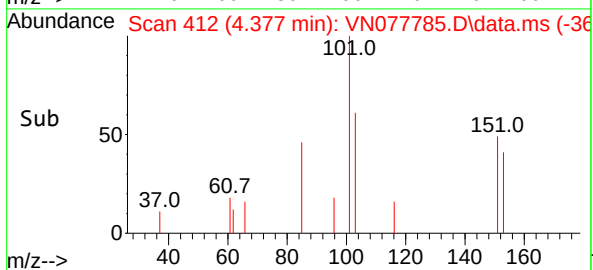
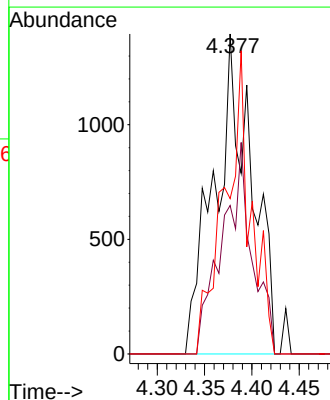
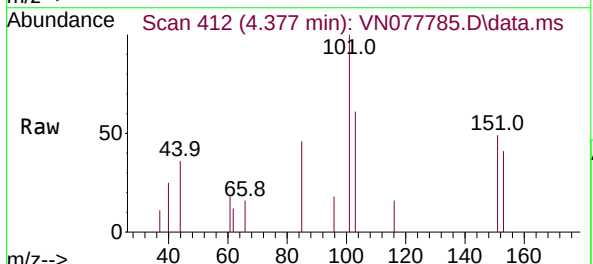
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20230518

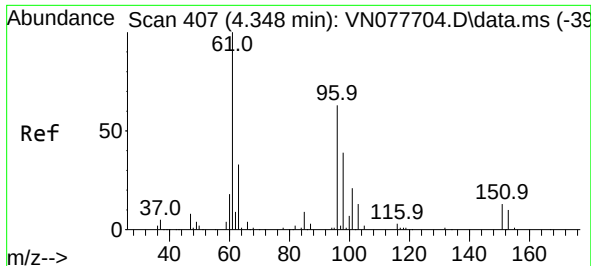
Tgt Ion:168 Resp: 419686
Ion Ratio Lower Upper
168 100
99 59.4 53.0 79.6



#9
1,1,2-Trichlorotrifluoroethane
Concen: 0.815 ug/l
RT: 4.377 min Scan# 412
Delta R.T. -0.000 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

Tgt Ion:101 Resp: 3784
Ion Ratio Lower Upper
101 100
85 53.2 36.6 55.0
151 66.8 57.6 86.4

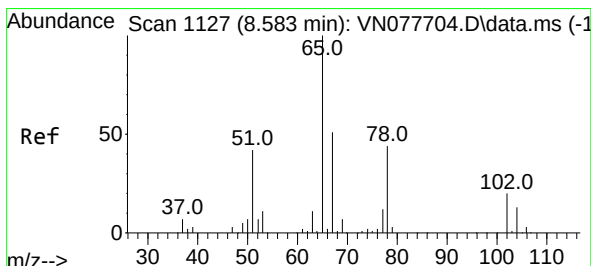
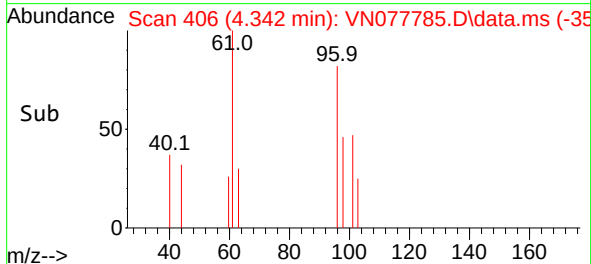
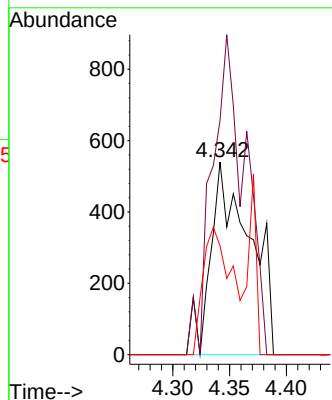
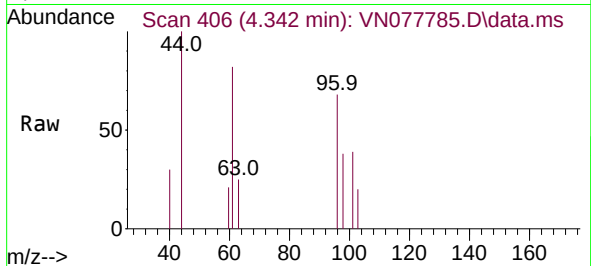




#12
1,1-Dichloroethene
Concen: 0.295 ug/l
RT: 4.342 min Scan# 407
Delta R.T. -0.005 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

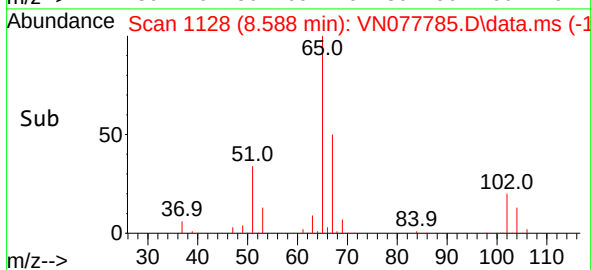
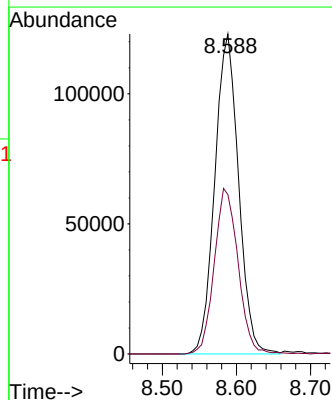
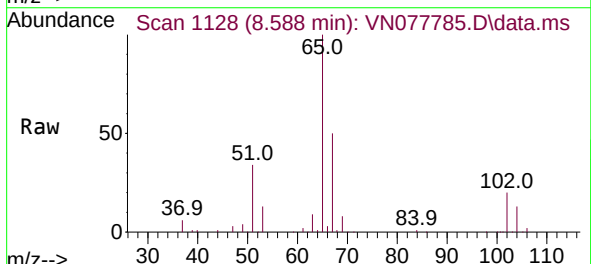
Instrument :
MSVOA_N
ClientSampleId :
RE105D2-20230518

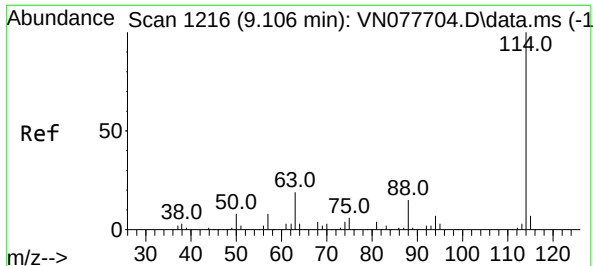
Tgt Ion: 96 Resp: 1302
Ion Ratio Lower Upper
96 100
61 121.7 112.7 169.1
98 56.5 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 43.590 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

Tgt Ion: 65 Resp: 273730
Ion Ratio Lower Upper
65 100
67 52.0 0.0 106.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN077785.D

Acq: 22 May 2023 13:30

Instrument :

MSVOA_N

ClientSampleId :

RE105D2-20230518

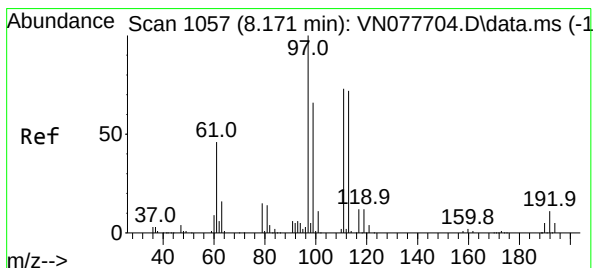
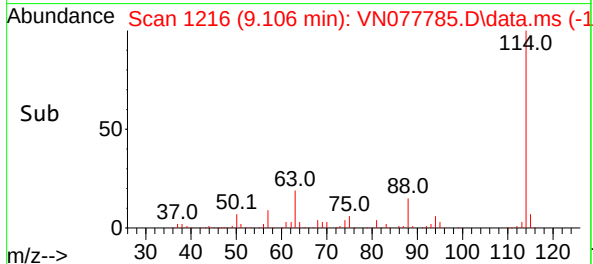
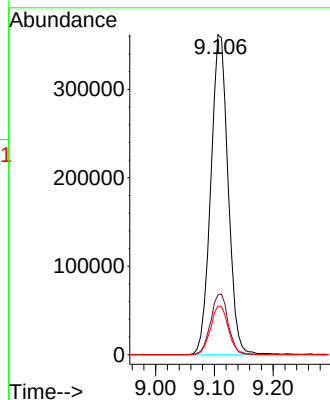
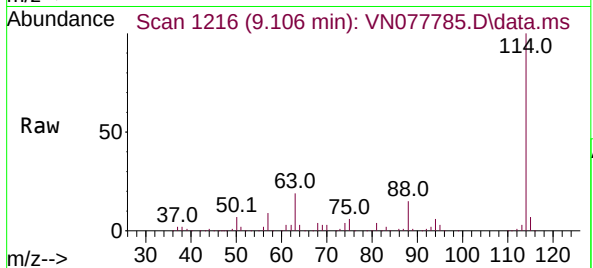
Tgt Ion:114 Resp: 738751

Ion Ratio Lower Upper

114 100

63 18.7 0.0 36.4

88 15.2 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.113 ug/l

RT: 8.177 min Scan# 1058

Delta R.T. 0.006 min

Lab File: VN077785.D

Acq: 22 May 2023 13:30

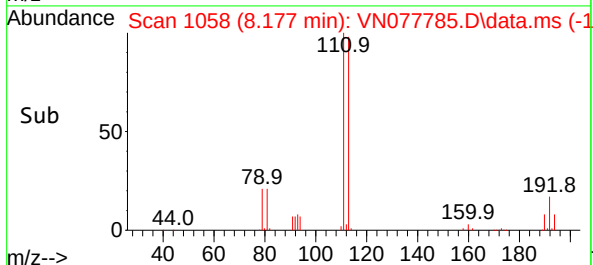
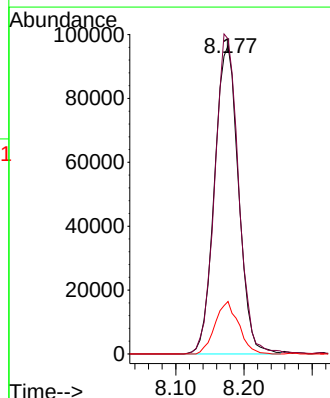
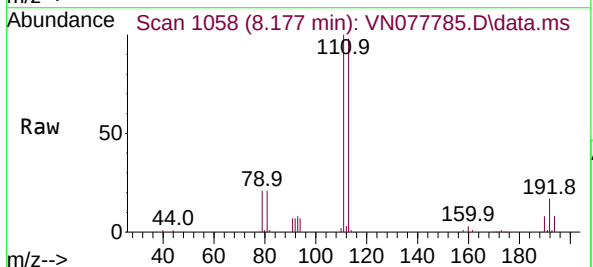
Tgt Ion:113 Resp: 236591

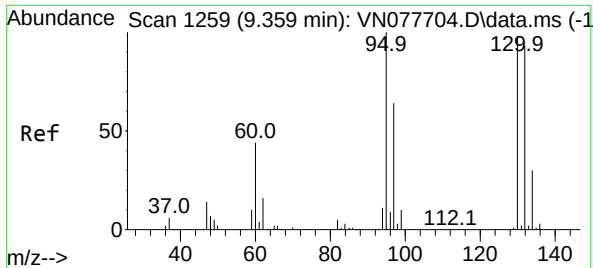
Ion Ratio Lower Upper

113 100

111 102.8 82.6 123.8

192 16.7 12.7 19.1

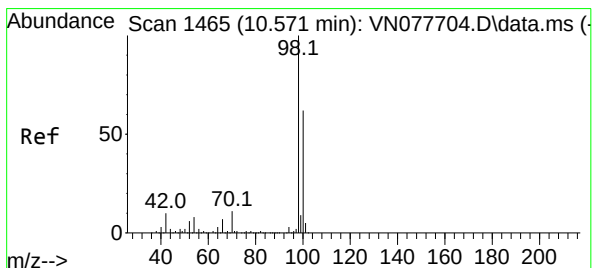
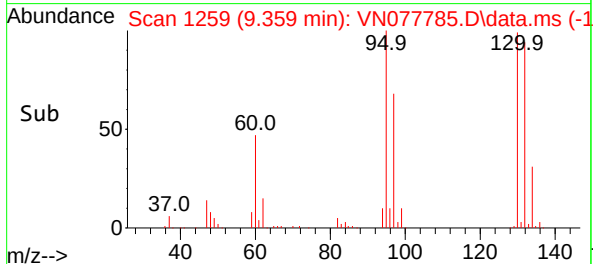
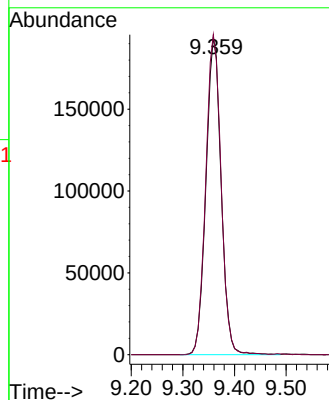
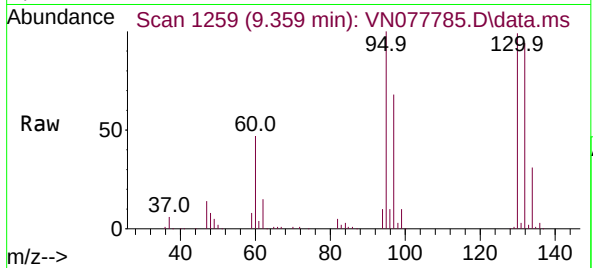




#44
Trichloroethene
Concen: 75.007 ug/l
RT: 9.359 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

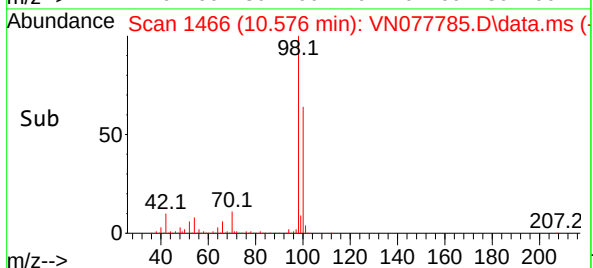
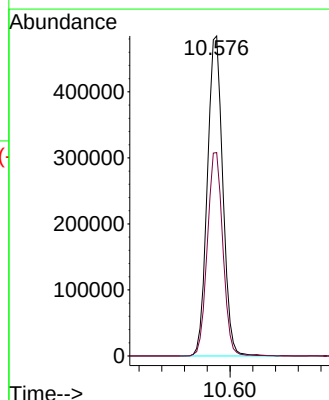
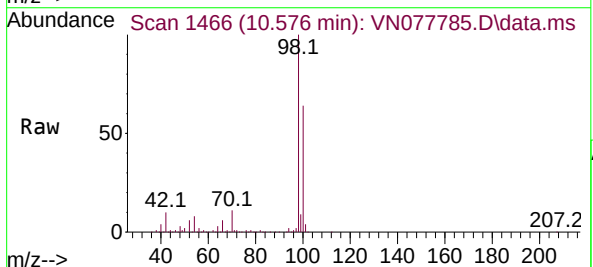
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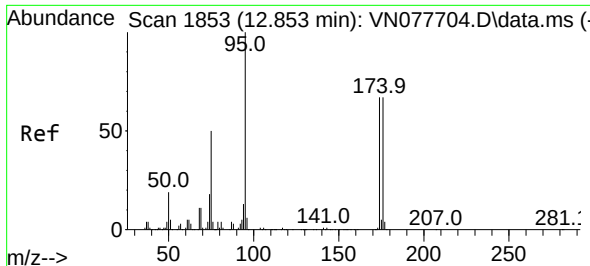
Tgt Ion:130 Resp: 394902
Ion Ratio Lower Upper
130 100
95 100.8 0.0 204.6



#50
Toluene-d8
Concen: 49.073 ug/l
RT: 10.576 min Scan# 1466
Delta R.T. 0.005 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

Tgt Ion: 98 Resp: 909913
Ion Ratio Lower Upper
98 100
100 63.9 52.0 78.0

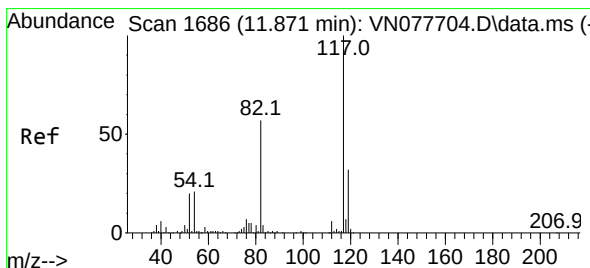
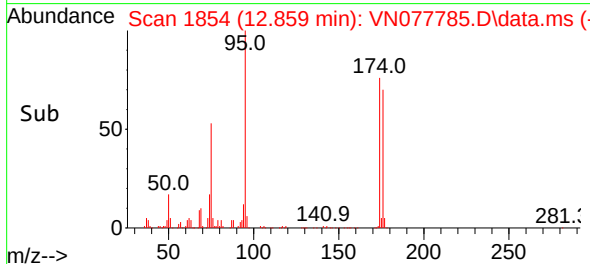
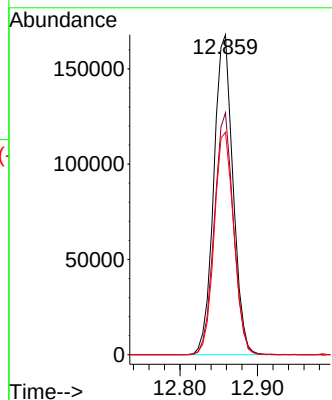
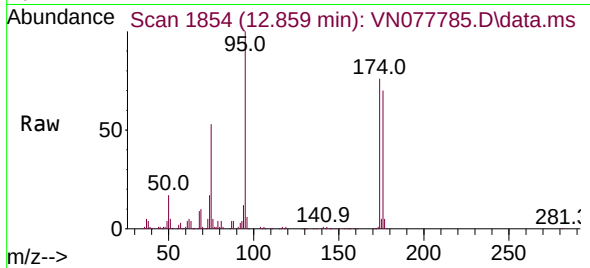




#62
4-Bromofluorobenzene
Concen: 44.059 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

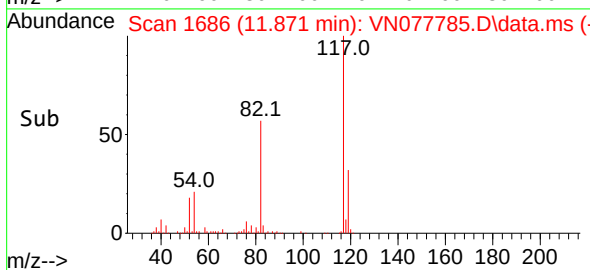
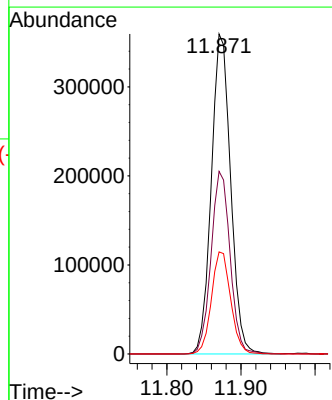
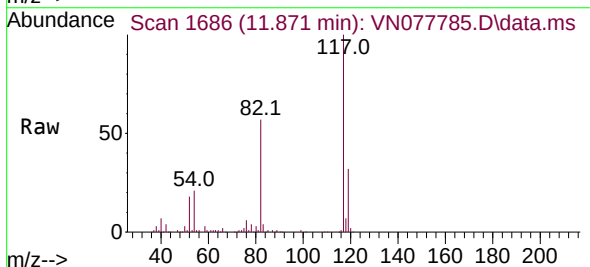
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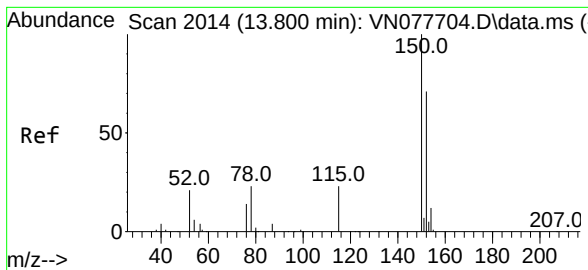
Tgt Ion: 95 Resp: 288529
Ion Ratio Lower Upper
95 100
174 75.6 0.0 143.8
176 71.2 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077785.D
Acq: 22 May 2023 13:30

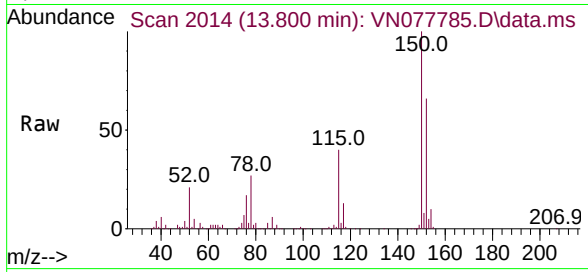
Tgt Ion: 117 Resp: 649901
Ion Ratio Lower Upper
117 100
82 57.1 44.0 66.0
119 31.9 25.6 38.4





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.800 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN077785.D
 Acq: 22 May 2023 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D2-20230518



Tgt Ion:152 Resp: 223037

Ion	Ratio	Lower	Upper
152	100		
115	61.9	32.3	96.8
150	155.6	0.0	355.8

