

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN053023\
 Data File : VN077964.D
 Acq On : 30 May 2023 13:03
 Operator : JC\MD
 Sample : 02898-03DL 400X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW24BR-20230522DL

Quant Time: May 31 02:06:21 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)

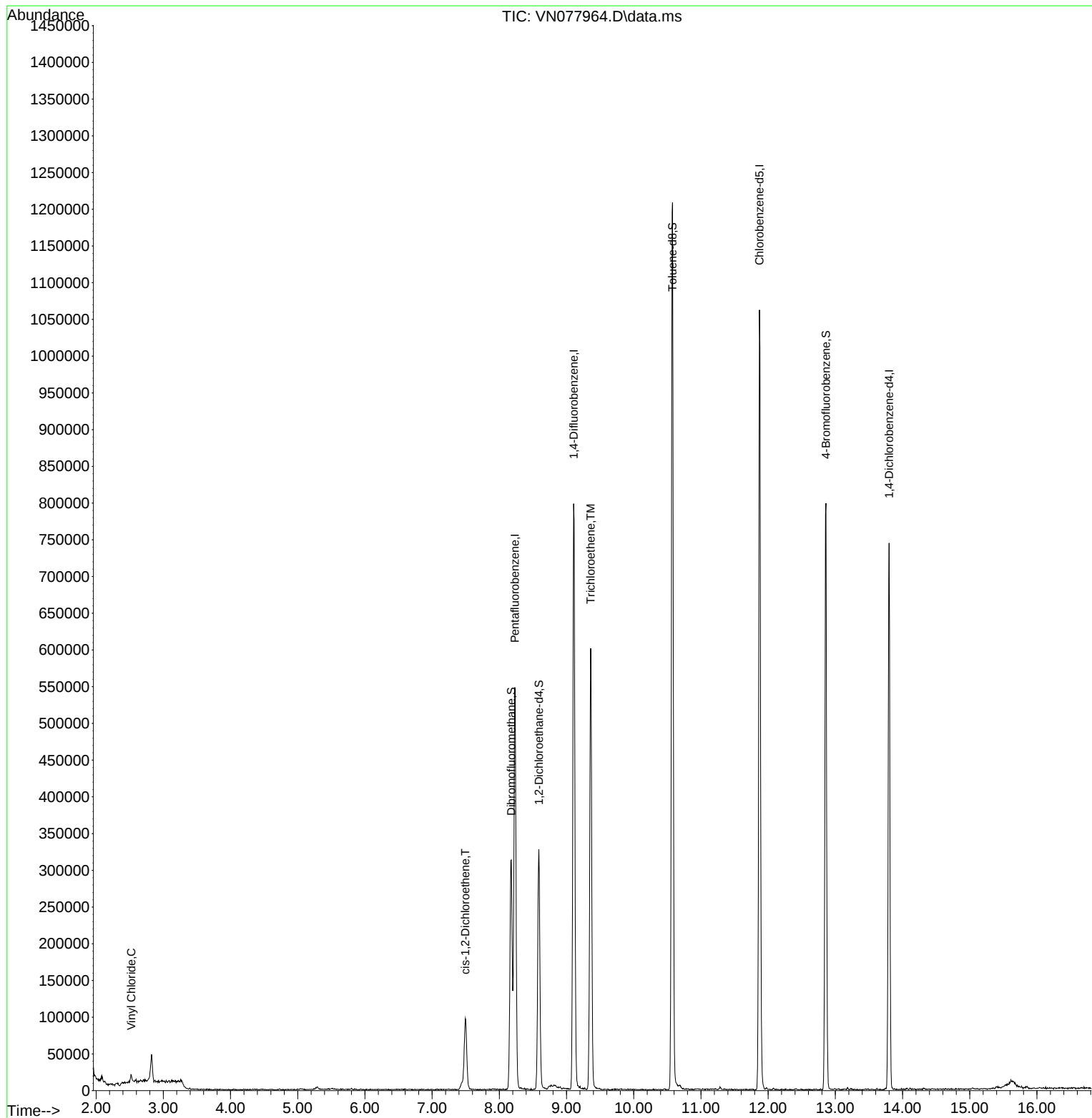
Internal Standards						
1) Pentafluorobenzene	8.230	168	385843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	710631	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	638841	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	204428	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	269001	46.595	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.180%		
35) Dibromofluoromethane	8.177	113	232427	50.157	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	100.320%		
50) Toluene-d8	10.577	98	889246	49.856	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	99.720%		
62) 4-Bromofluorobenzene	12.859	95	289274	45.921	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.840%		
Target Compounds						
4) Vinyl Chloride	2.524	62	8665	1.565	ug/l	93
27) cis-1,2-Dichloroethene	7.494	96	58005	10.612	ug/l	99
44) Trichloroethene	9.359	130	216844	42.817	ug/l	99

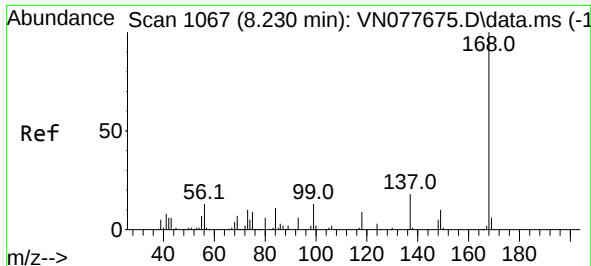
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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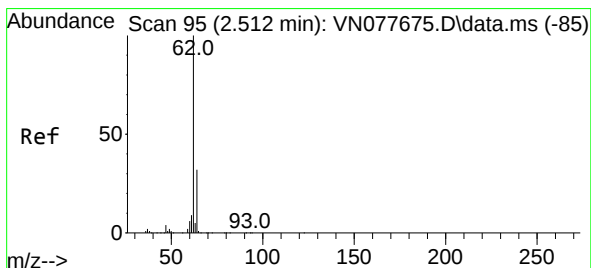
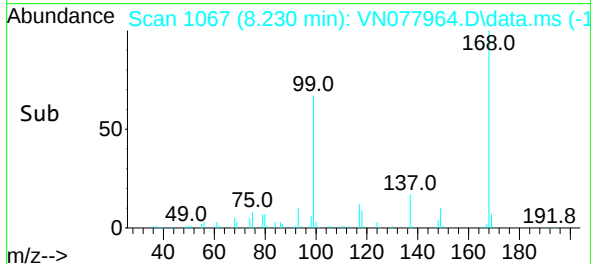
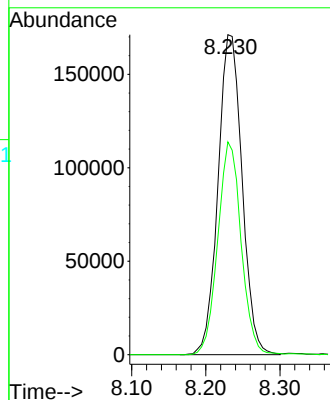
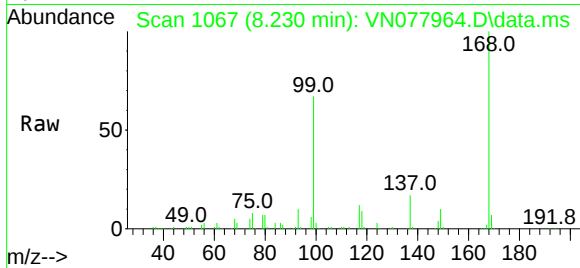




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

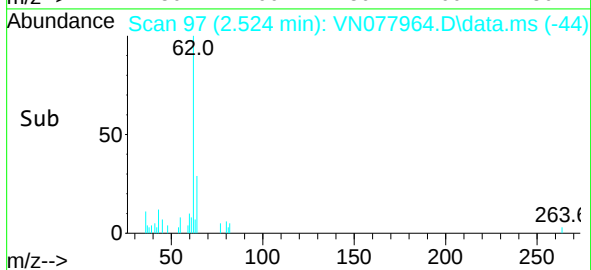
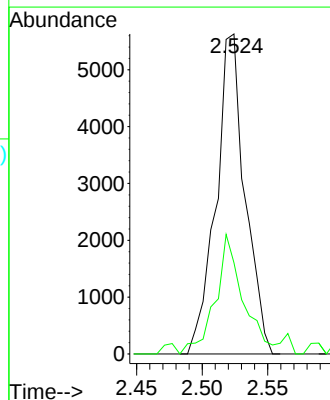
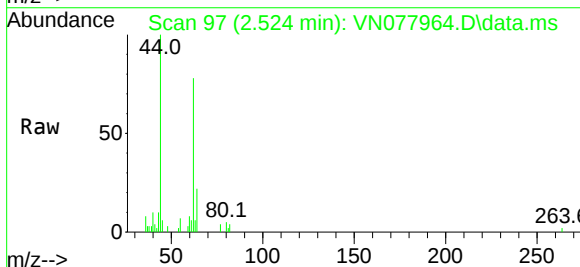
Instrument :
MSVOA_N
ClientSampleId :
MW24BR-20230522DL

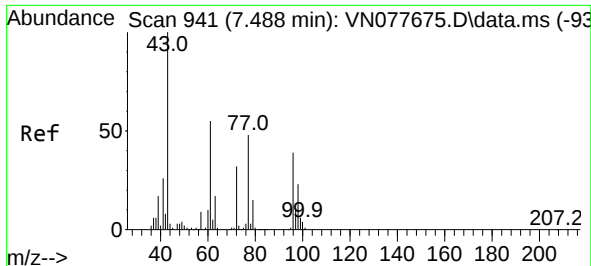
Tgt Ion:168 Resp: 385843
Ion Ratio Lower Upper
168 100
99 66.5 53.0 79.6



#4
Vinyl Chloride
Concen: 1.565 ug/l
RT: 2.524 min Scan# 97
Delta R.T. 0.012 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

Tgt Ion: 62 Resp: 8665
Ion Ratio Lower Upper
62 100
64 28.5 26.2 39.2

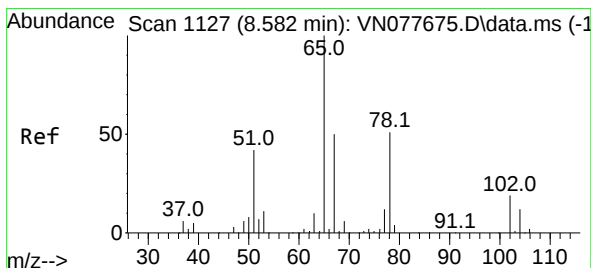
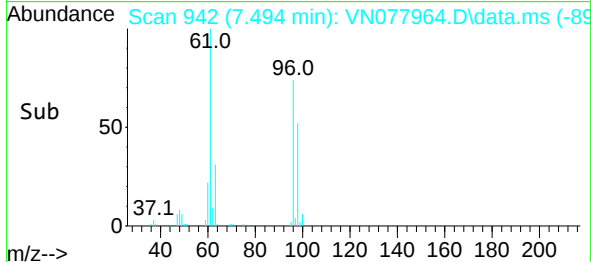
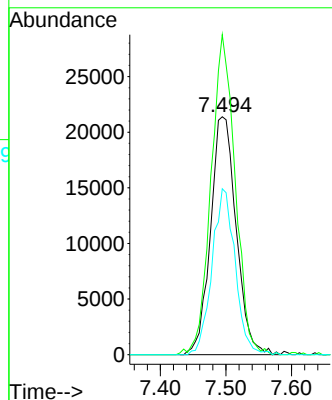
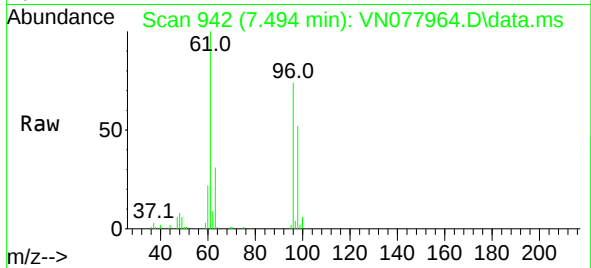




#27
cis-1,2-Dichloroethene
Concen: 10.612 ug/l
RT: 7.494 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

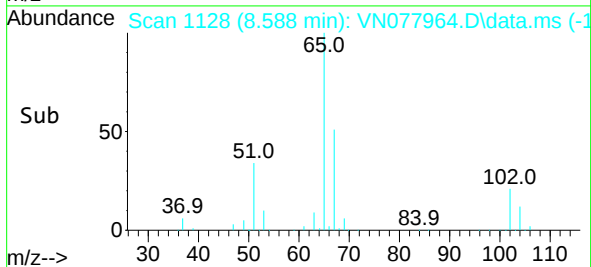
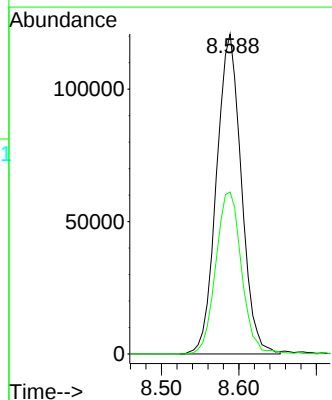
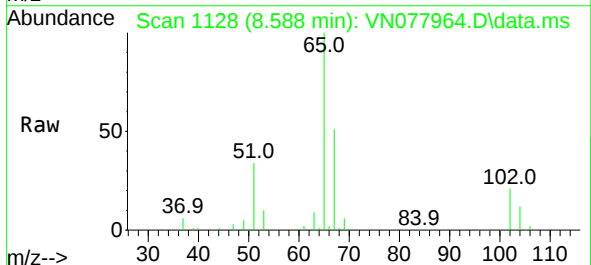
Instrument :
MSVOA_N
ClientSampleId :
MW24BR-20230522DL

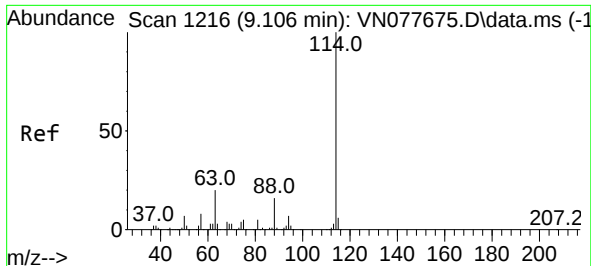
Tgt Ion: 96 Resp: 58005
Ion Ratio Lower Upper
96 100
61 126.9 0.0 255.2
98 63.0 0.0 128.8



#33
1,2-Dichloroethane-d4
Concen: 46.595 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. 0.006 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

Tgt Ion: 65 Resp: 269001
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.6

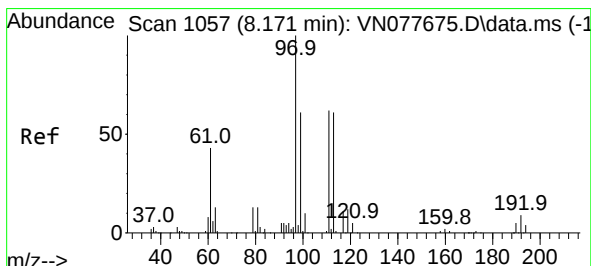
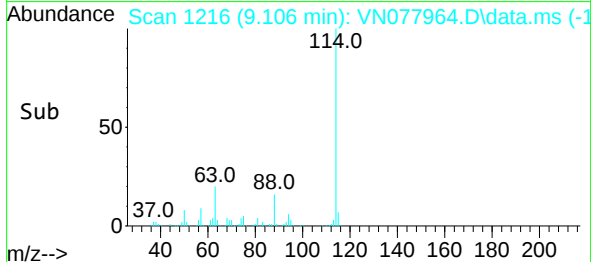
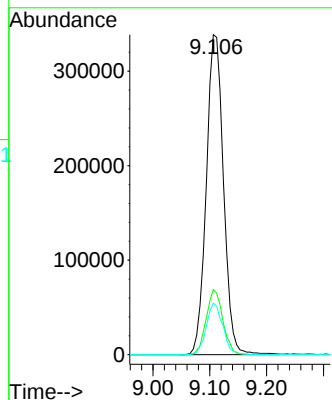
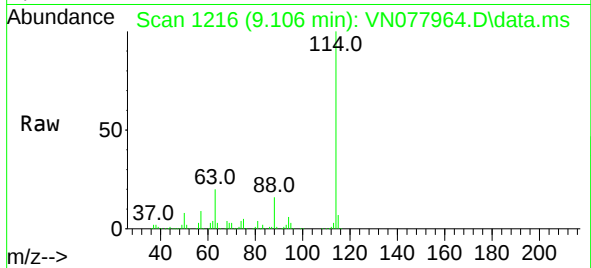




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

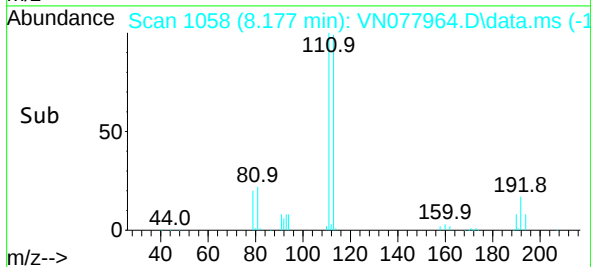
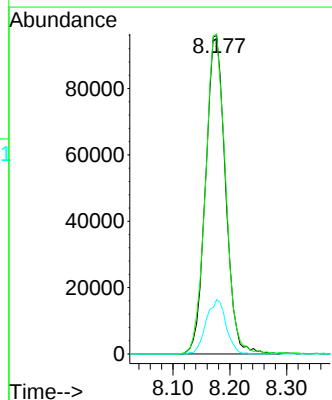
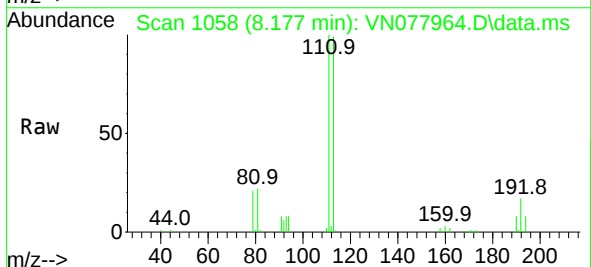
Instrument :
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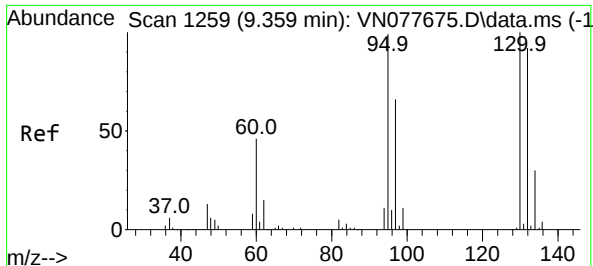
Tgt Ion:114 Resp: 710631
Ion Ratio Lower Upper
114 100
63 20.4 0.0 36.4
88 16.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 50.157 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

Tgt Ion:113 Resp: 232427
Ion Ratio Lower Upper
113 100
111 101.5 82.6 123.8
192 17.1 12.7 19.1

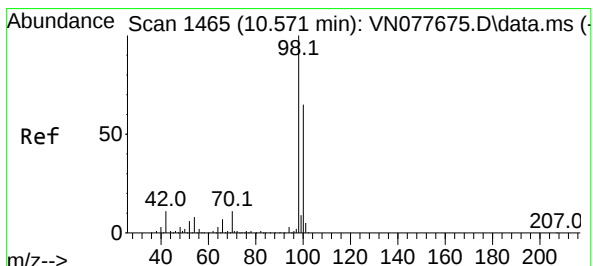
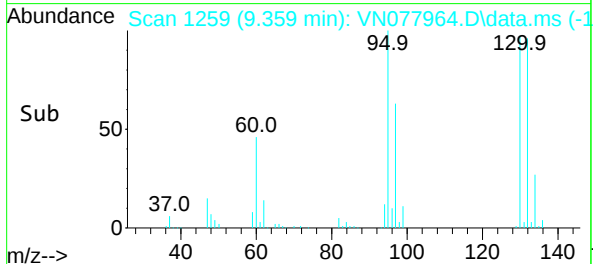
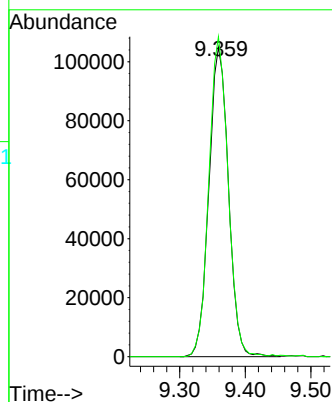
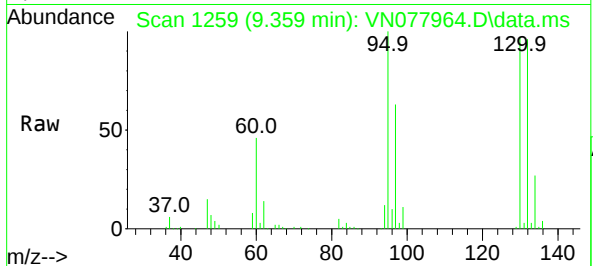




#44
Trichloroethene
Concen: 42.817 ug/l
RT: 9.359 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

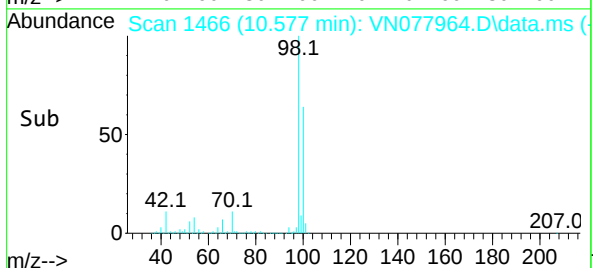
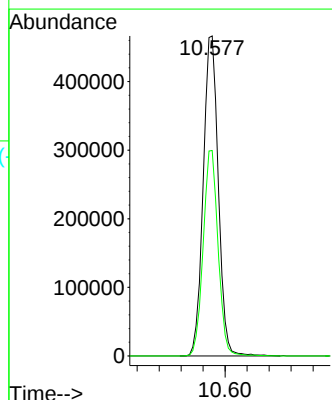
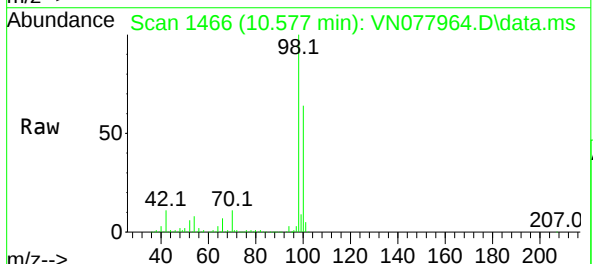
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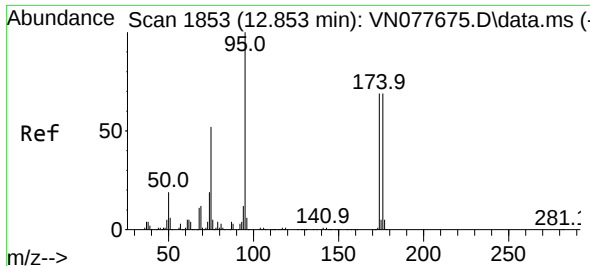
Tgt Ion:130 Resp: 216844
Ion Ratio Lower Upper
130 100
95 103.5 0.0 204.6



#50
Toluene-d8
Concen: 49.856 ug/l
RT: 10.577 min Scan# 1466
Delta R.T. 0.006 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

Tgt Ion: 98 Resp: 889246
Ion Ratio Lower Upper
98 100
100 63.5 52.0 78.0

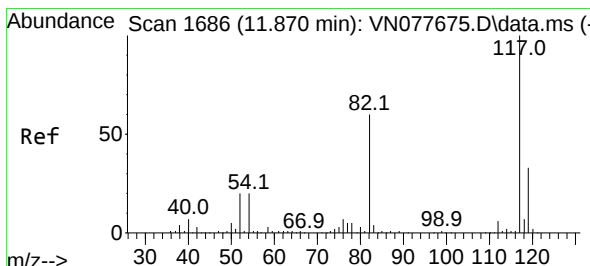
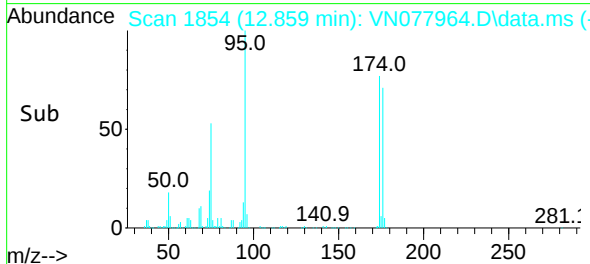
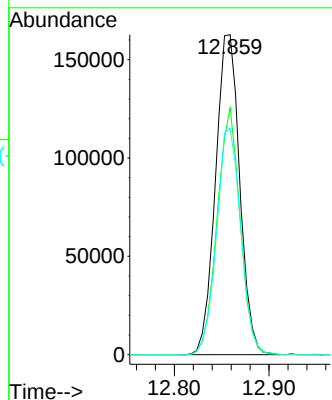
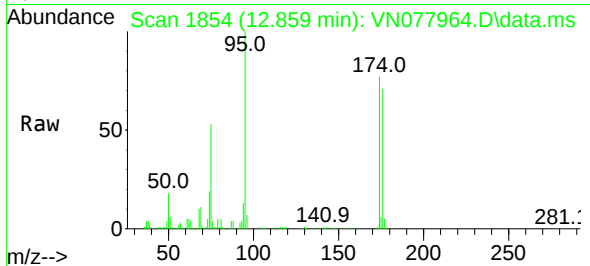




#62
4-Bromofluorobenzene
Concen: 45.921 ug/l
RT: 12.859 min Scan# 1854
Delta R.T. 0.006 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

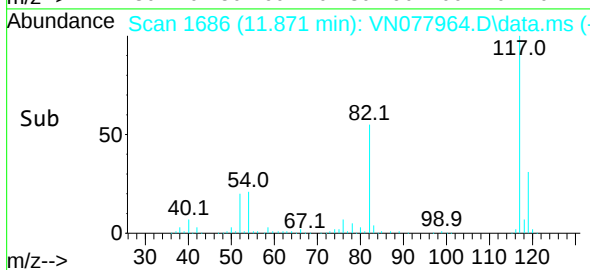
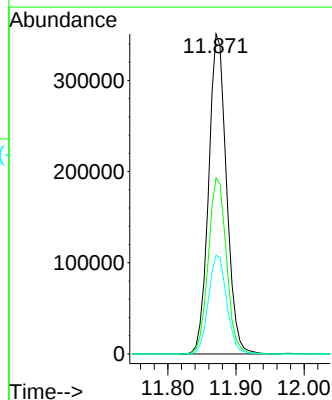
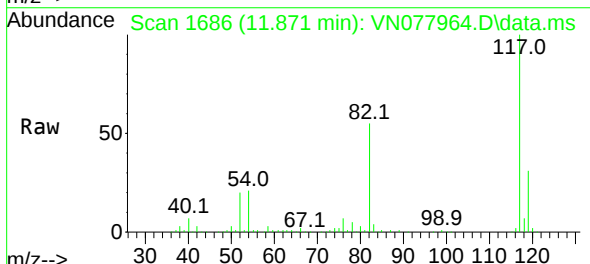
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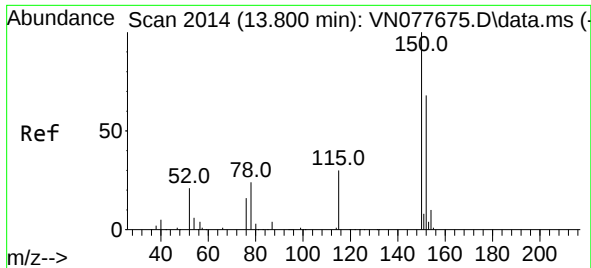
Tgt Ion: 95 Resp: 289274
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.8
176 70.7 0.0 135.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.871 min Scan# 1686
Delta R.T. 0.001 min
Lab File: VN077964.D
Acq: 30 May 2023 13:03

Tgt Ion: 117 Resp: 638841
Ion Ratio Lower Upper
117 100
82 55.0 44.0 66.0
119 30.8 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: VN077964.D

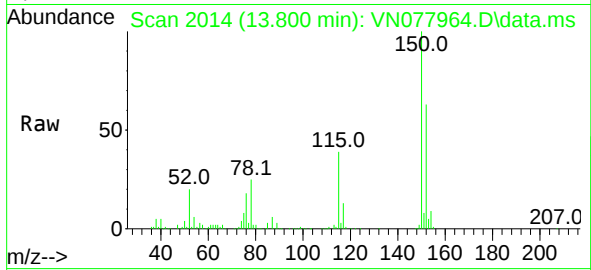
Acq: 30 May 2023 13:03

Instrument :

MSVOA_N

ClientSampleId :

MW24BR-20230522DL



Tgt Ion:152 Resp: 204428

Ion Ratio Lower Upper

152 100

115 62.1 32.3 96.8

150 155.9 0.0 355.8

