

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084279.D
 Acq On : 02 Oct 2024 20:57
 Operator : JC\MD
 Sample : P4226-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240924

Quant Time: Oct 03 02:05:44 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

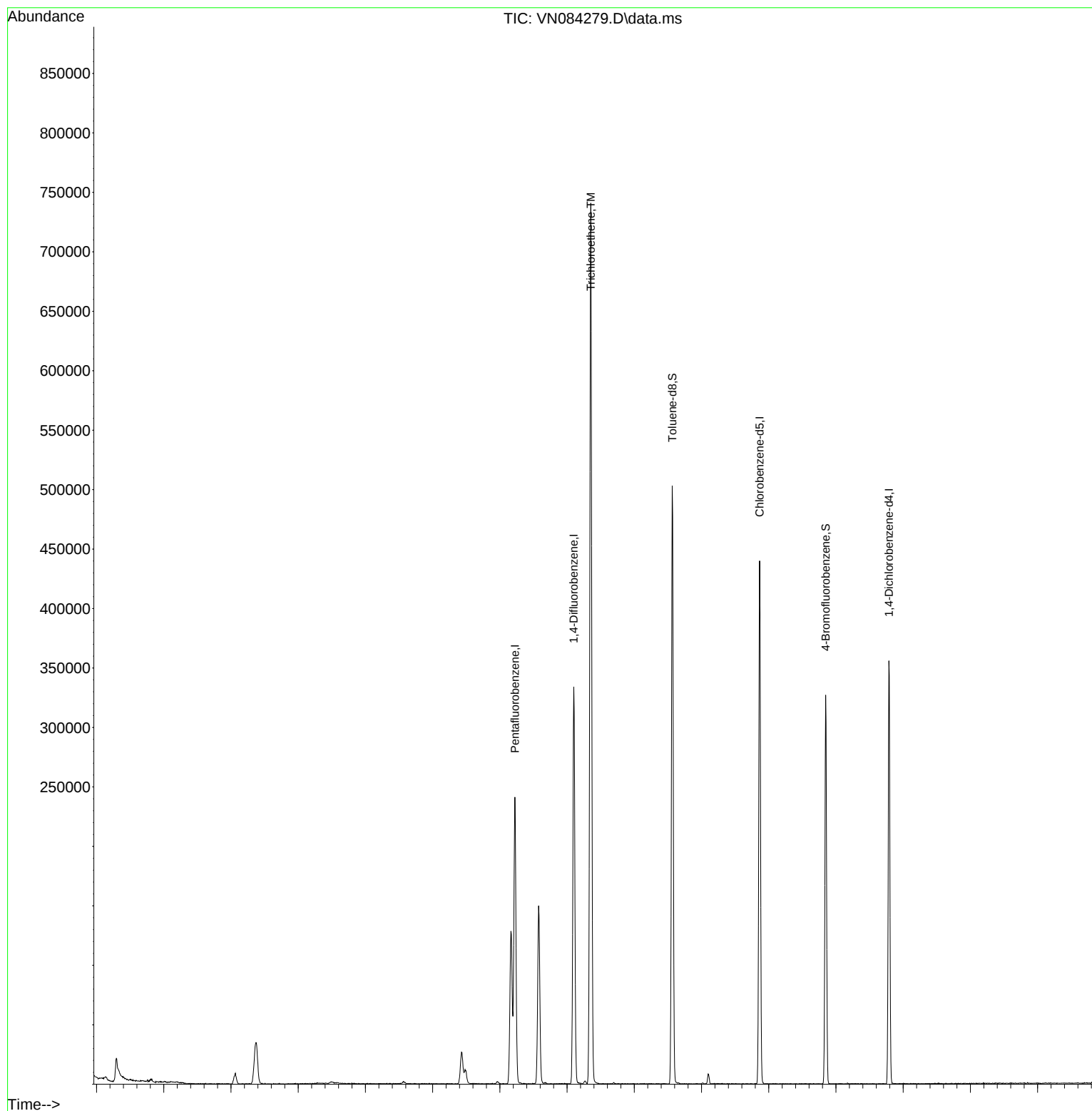
Internal Standards						
1) Pentafluorobenzene	8.224	168	164342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282039	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	246645	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97059	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120990	49.654	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	99.300%		
35) Dibromofluoromethane	8.165	113	94867	51.021	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	102.040%		
50) Toluene-d8	10.565	98	343232	50.174	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.340%		
62) 4-Bromofluorobenzene	12.847	95	115167	46.211	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	92.420%		
Target Compounds						
2) Dichlorodifluoromethane	2.124	85	2093	1.077	ug/l	95
9) 1,1,2-Trichlorotrifluo...	4.377	101	24072	12.548	ug/l	98
12) 1,1-Dichloroethene	4.341	96	3521	1.903	ug/l	86
27) cis-1,2-Dichloroethene	7.488	96	7037	3.004	ug/l	89
30) Chloroform	7.959	83	1831	0.474	ug/l	89
44) Trichloroethene	9.353	130	256811	130.669	ug/l	98
64) Tetrachloroethene	11.100	164	2007	1.168	ug/l	87

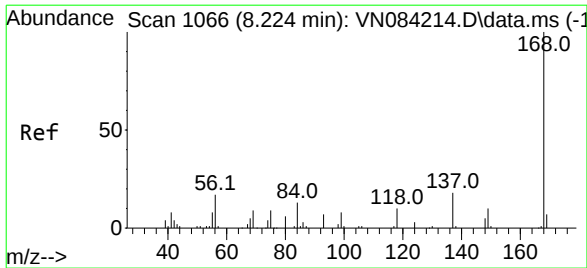
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Instrument :
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ClientSampleId :
DUP07-20240924

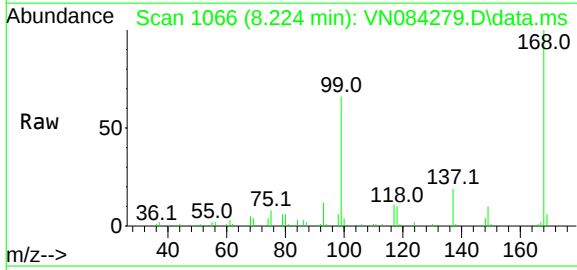
Quant Time: Oct 03 02:05:44 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 01 07:11:01 2024
Response via : Initial Calibration



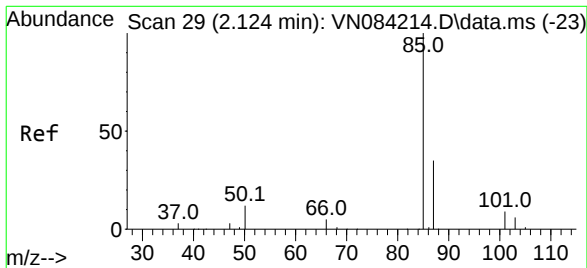
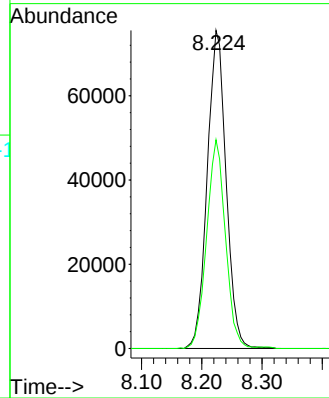
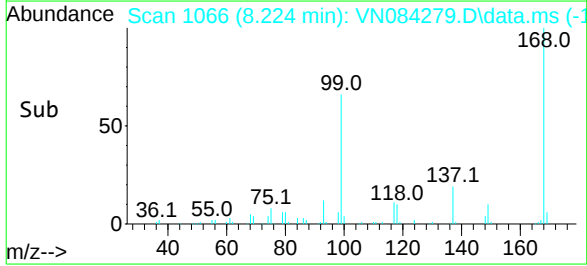


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924

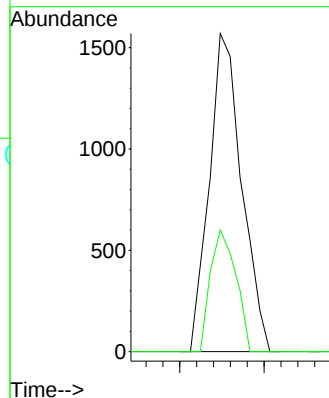
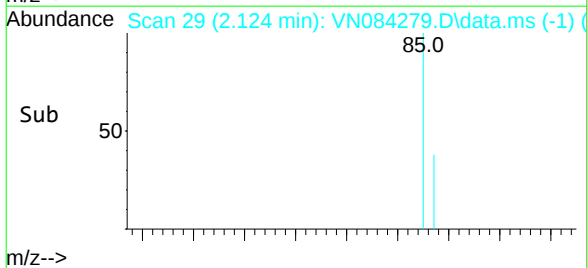
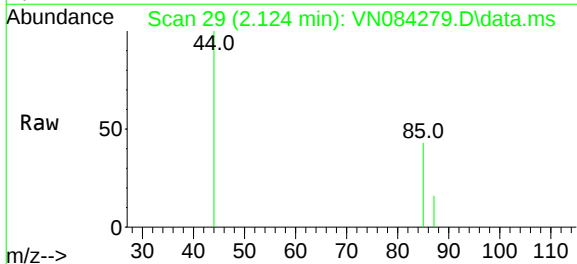


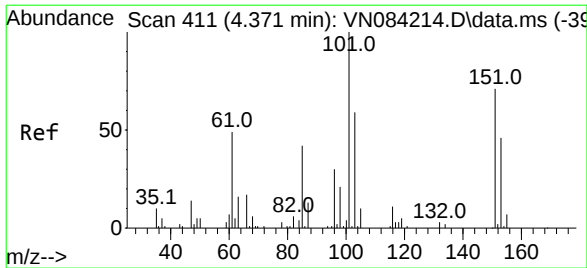
Tgt Ion:168 Resp: 164342
Ion Ratio Lower Upper
168 100
99 65.6 54.2 81.2



#2
Dichlorodifluoromethane
Concen: 1.077 ug/l
RT: 2.124 min Scan# 29
Delta R.T. -0.000 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

Tgt Ion: 85 Resp: 2093
Ion Ratio Lower Upper
85 100
87 38.2 17.6 52.9

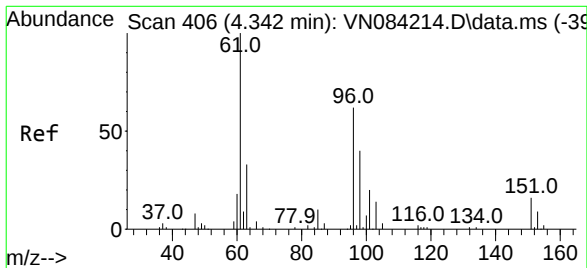
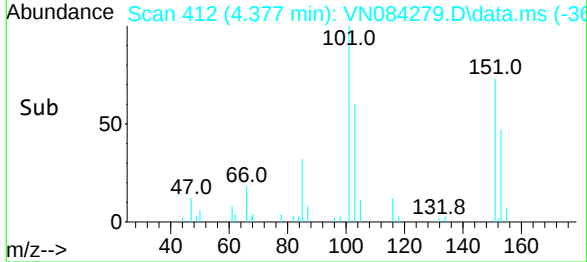
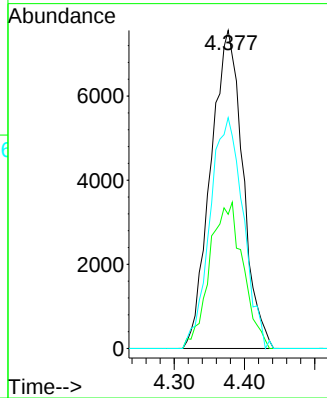
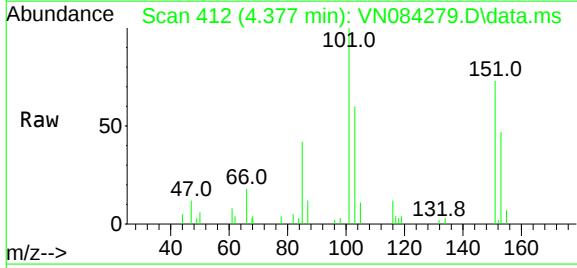




#9
1,1,2-Trichlorotrifluoroethane
Concen: 12.548 ug/l
RT: 4.377 min Scan# 411
Delta R.T. 0.006 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

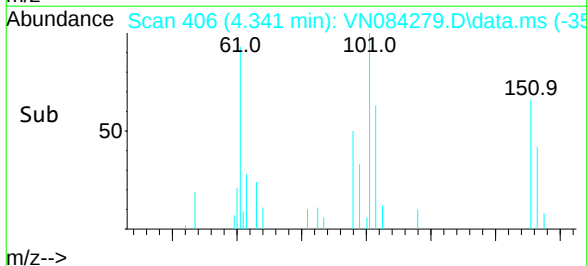
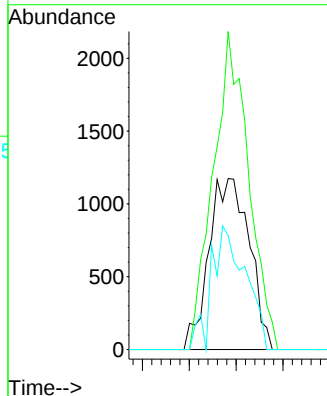
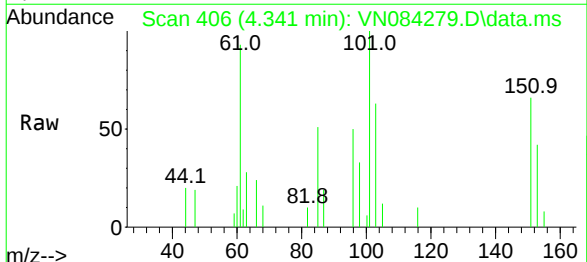
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924

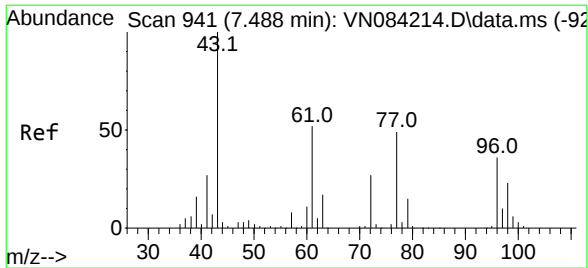
Tgt Ion:	101	Resp:	24072
Ion	Ratio	Lower	Upper
101	100		
85	47.6	36.2	54.4
151	75.0	59.3	88.9



#12
1,1-Dichloroethene
Concen: 1.903 ug/l
RT: 4.341 min Scan# 406
Delta R.T. -0.000 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

Tgt Ion:	96	Resp:	3521
Ion	Ratio	Lower	Upper
96	100		
61	186.0	128.6	192.8
98	66.5	51.7	77.5

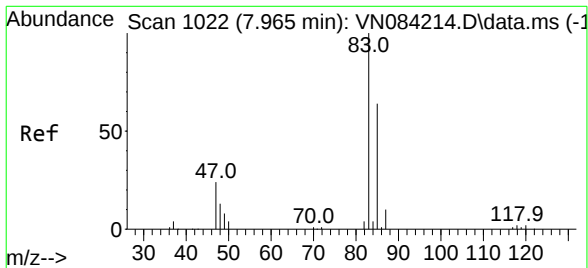
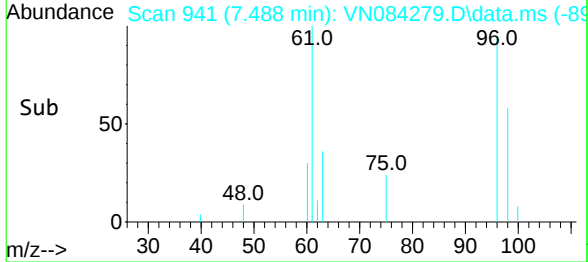
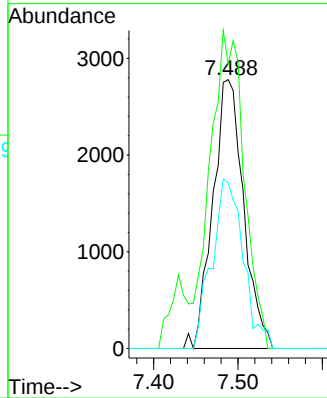
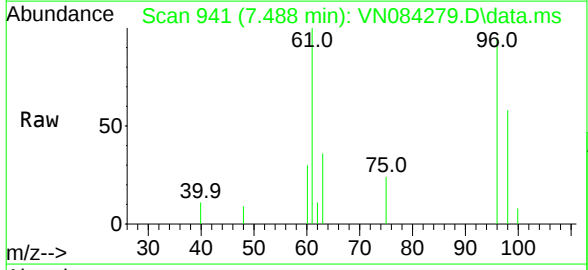




#27
 cis-1,2-Dichloroethene
 Concen: 3.004 ug/l
 RT: 7.488 min Scan# 941
 Delta R.T. -0.000 min
 Lab File: VN084279.D
 Acq: 02 Oct 2024 20:57

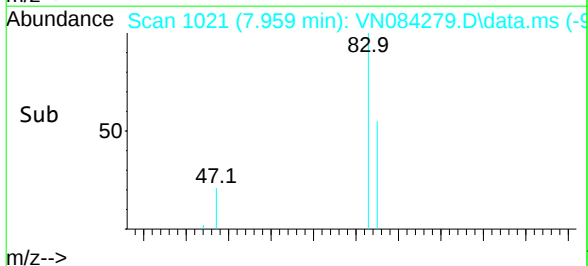
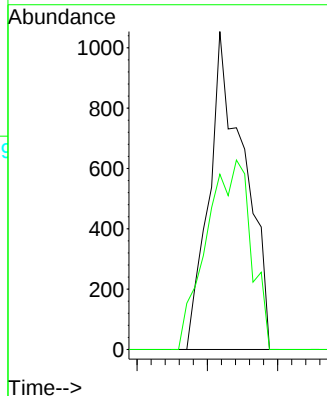
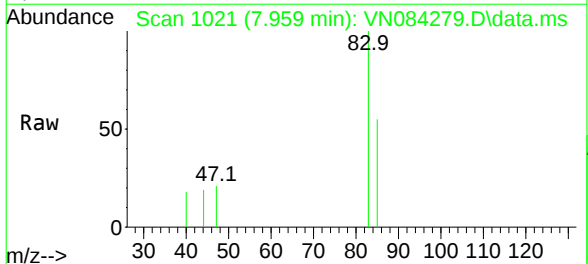
Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240924

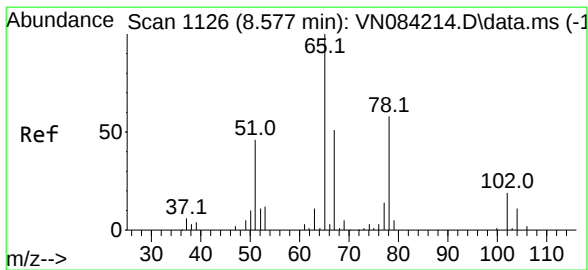
Tgt Ion:	96	Resp:	7037
Ion	Ratio	Lower	Upper
96	100		
61	131.7	0.0	301.8
98	64.4	0.0	128.2



#30
 Chloroform
 Concen: 0.474 ug/l
 RT: 7.959 min Scan# 1021
 Delta R.T. -0.006 min
 Lab File: VN084279.D
 Acq: 02 Oct 2024 20:57

Tgt Ion:	83	Resp:	1831
Ion	Ratio	Lower	Upper
83	100		
85	55.1	51.0	76.4

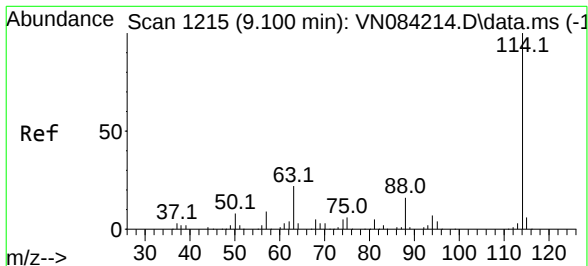
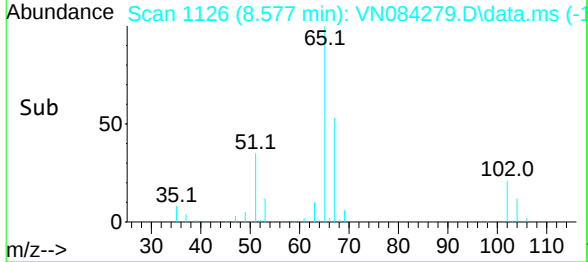
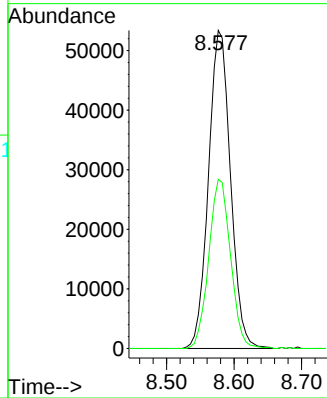
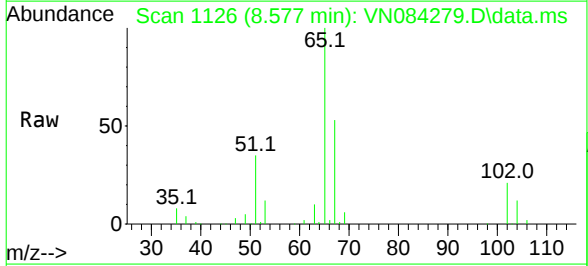




#33
1,2-Dichloroethane-d4
Concen: 49.654 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

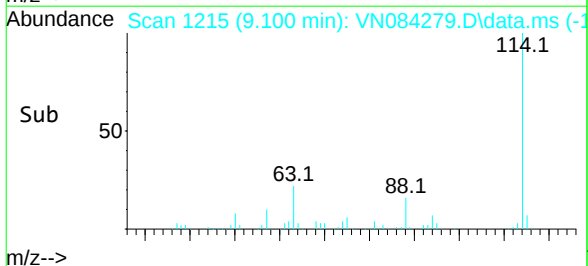
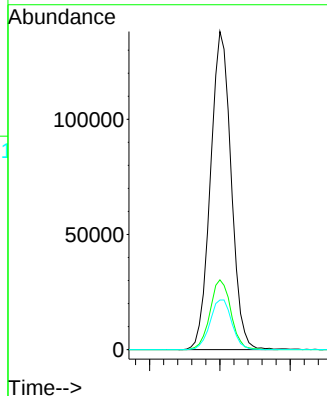
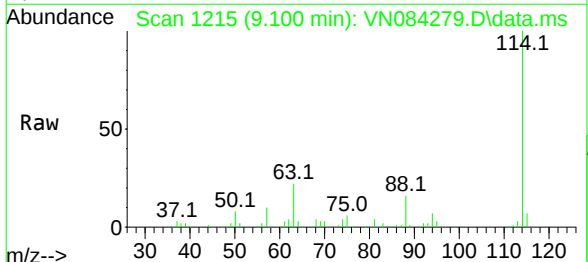
Instrument :
MSVOA_N
ClientSampleId :
DUP07-20240924

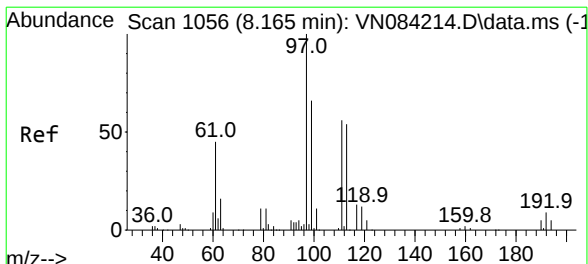
Tgt Ion: 65 Resp: 120990
Ion Ratio Lower Upper
65 100
67 52.6 0.0 102.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. -0.000 min
Lab File: VN084279.D
Acq: 02 Oct 2024 20:57

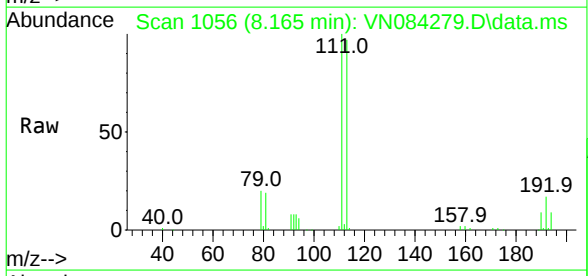
Tgt Ion: 114 Resp: 282039
Ion Ratio Lower Upper
114 100
63 21.9 0.0 43.8
88 15.6 0.0 31.6



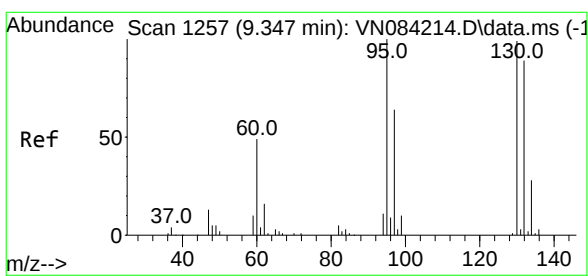
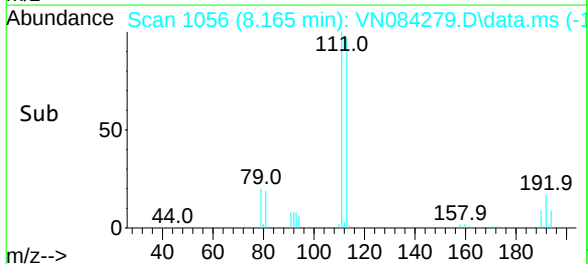
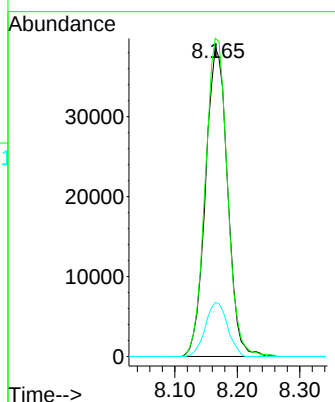


#35
 Dibromofluoromethane
 Concen: 51.021 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084279.D
 Acq: 02 Oct 2024 20:57

Instrument : MSVOA_N
 ClientSampleId : DUP07-20240924

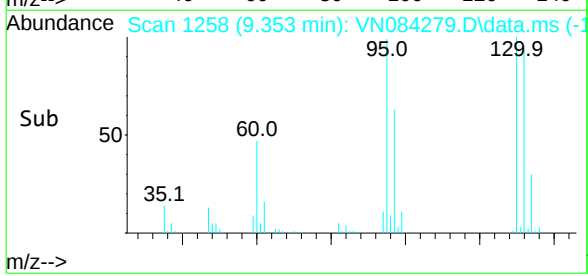
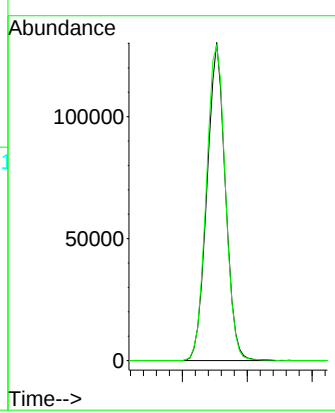
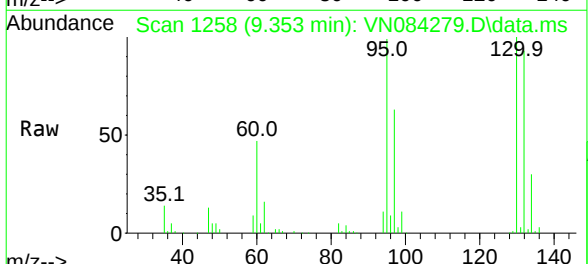


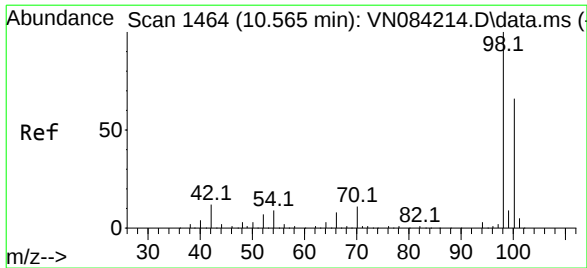
Tgt Ion:	113	Resp:	94867
Ion Ratio	Lower	Upper	
113	100		
111	103.4	83.3	124.9
192	17.5	13.5	20.3



#44
 Trichloroethene
 Concen: 130.669 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.006 min
 Lab File: VN084279.D
 Acq: 02 Oct 2024 20:57

Tgt Ion:	130	Resp:	256811
Ion Ratio	Lower	Upper	
130	100		
95	99.0	0.0	203.0





#50

Toluene-d8

Concen: 50.174 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084279.D

Acq: 02 Oct 2024 20:57

Instrument :

MSVOA_N

ClientSampleId :

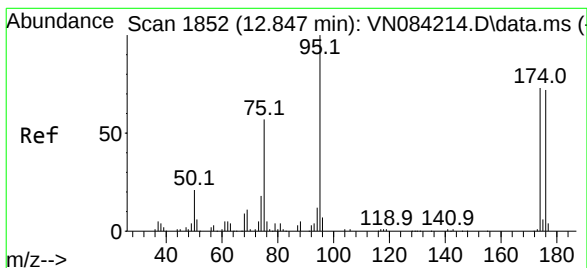
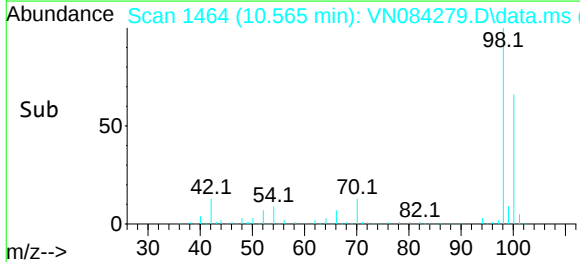
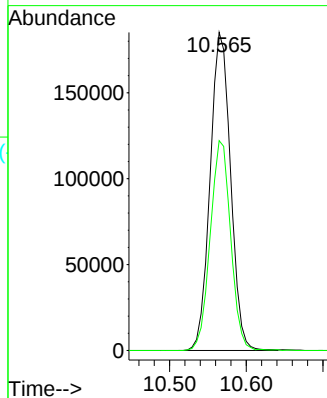
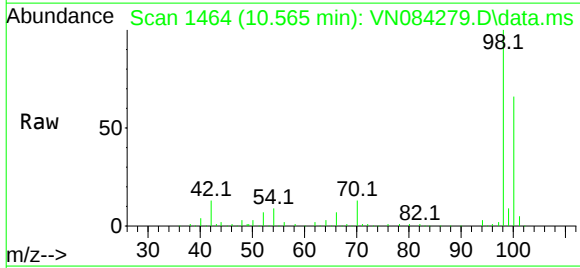
DUP07-20240924

Tgt Ion: 98 Resp: 343232

Ion Ratio Lower Upper

98 100

100 65.9 52.7 79.1



#62

4-Bromofluorobenzene

Concen: 46.211 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084279.D

Acq: 02 Oct 2024 20:57

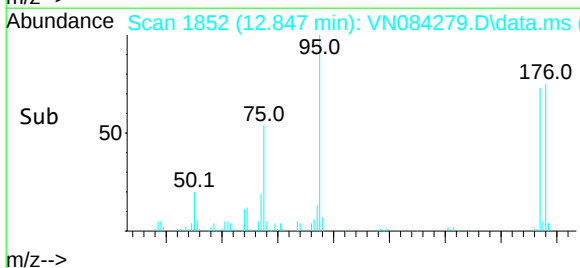
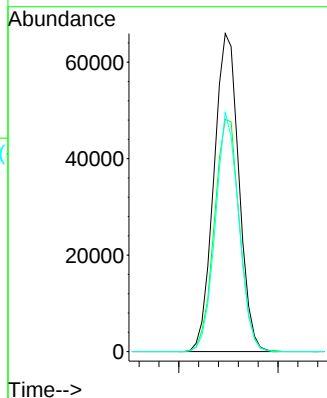
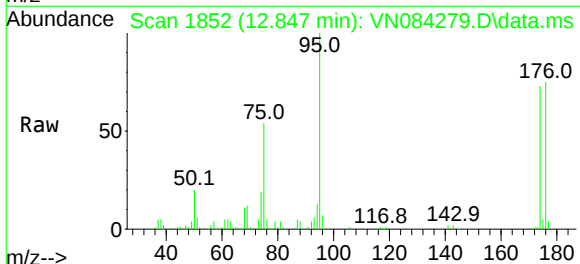
Tgt Ion: 95 Resp: 115167

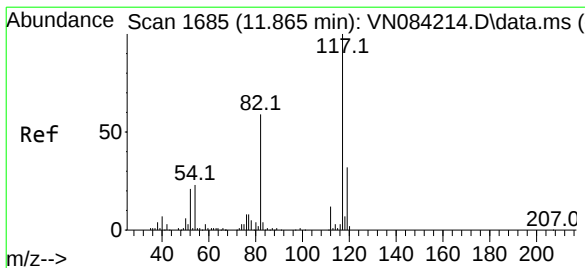
Ion Ratio Lower Upper

95 100

174 73.6 0.0 145.2

176 70.6 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

Delta R.T. -0.000 min

Lab File: VN084279.D

Acq: 02 Oct 2024 20:57

Instrument :

MSVOA_N

ClientSampleId :

DUP07-20240924

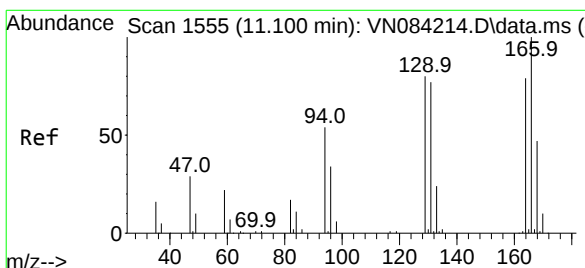
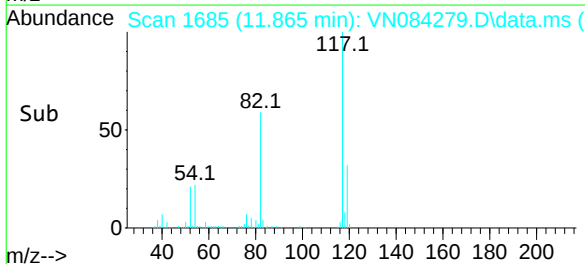
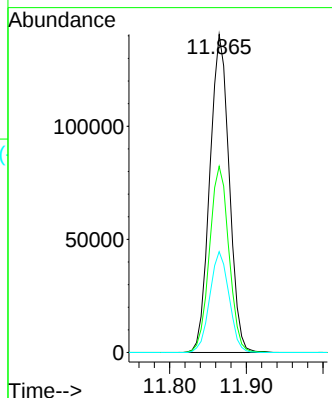
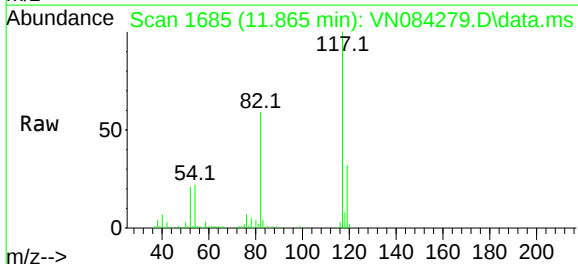
Tgt Ion:117 Resp: 246645

Ion Ratio Lower Upper

117 100

82 58.5 47.2 70.8

119 31.7 25.4 38.0



#64

Tetrachloroethene

Concen: 1.168 ug/l

RT: 11.100 min Scan# 1555

Delta R.T. -0.000 min

Lab File: VN084279.D

Acq: 02 Oct 2024 20:57

Tgt Ion:164 Resp: 2007

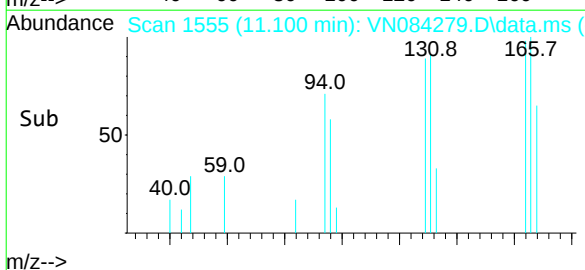
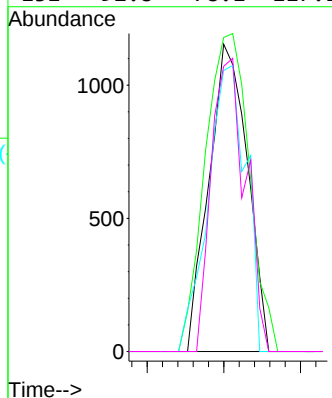
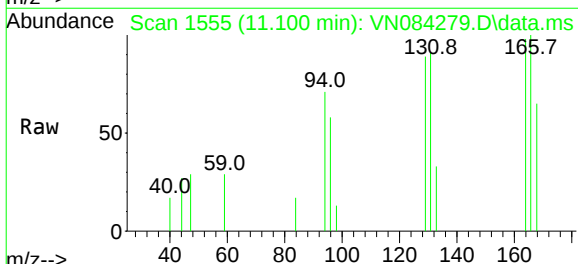
Ion Ratio Lower Upper

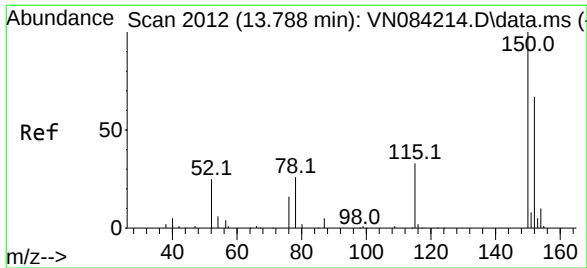
164 100

166 102.2 101.0 151.4

129 91.4 80.8 121.2

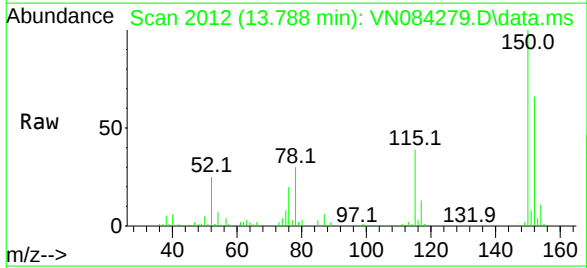
131 92.8 78.1 117.1





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN084279.D
 Acq: 02 Oct 2024 20:57

Instrument :
 MSVOA_N
 ClientSampleId :
 DUP07-20240924



Tgt Ion:	152	Resp:	97059
Ion	Ratio	Lower	Upper
152	100		
115	61.2	31.3	93.9
150	154.6	0.0	349.8

