

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN100224\
 Data File : VN084268.D
 Acq On : 02 Oct 2024 16:33
 Operator : JC\MD
 Sample : P4226-11
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TT161S1-20240925

Quant Time: Oct 03 02:01:28 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)

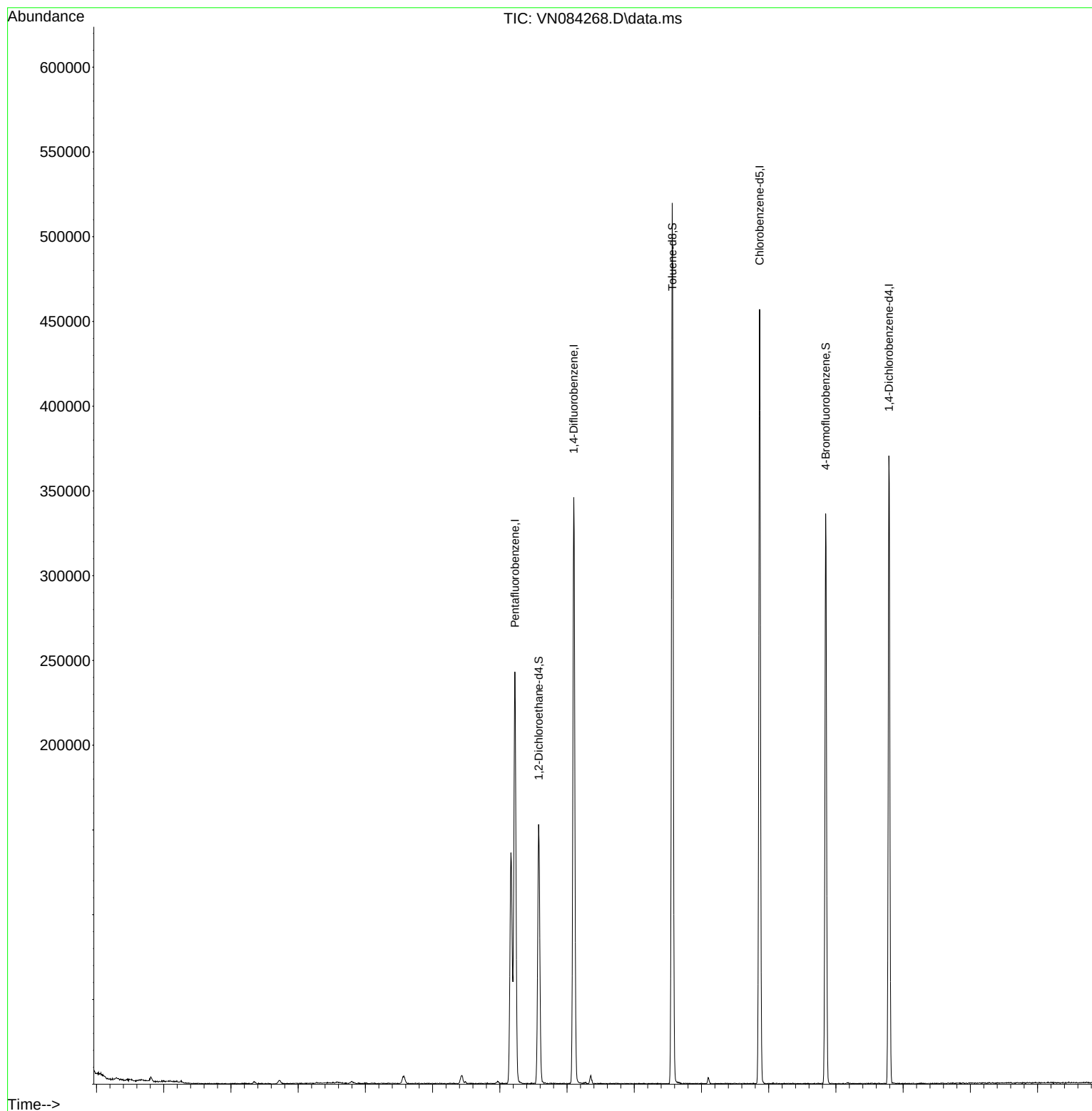
Internal Standards						
1) Pentafluorobenzene	8.224	168	167538	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	290349	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	252289	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	97632	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	126356	50.867	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	101.740%	
35) Dibromofluoromethane	8.165	113	97517	50.945	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	101.880%	
50) Toluene-d8	10.565	98	353728	50.228	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	100.460%	
62) 4-Bromofluorobenzene	12.847	95	118543	46.204	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	92.400%	
Target Compounds						
					Qvalue	
24) 1,1-Dichloroethane	6.559	63	7150	1.887	ug/l #	87
30) Chloroform	7.977	83	1493	0.379	ug/l #	62
44) Trichloroethene	9.353	130	1744	0.862	ug/l	94
64) Tetrachloroethene	11.100	164	894	0.509	ug/l #	52

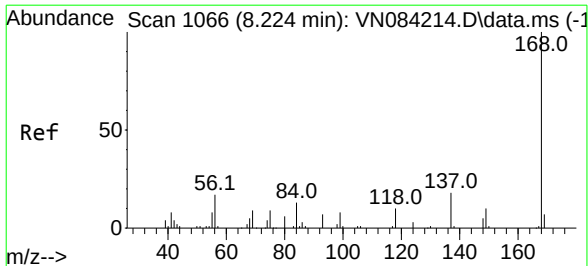
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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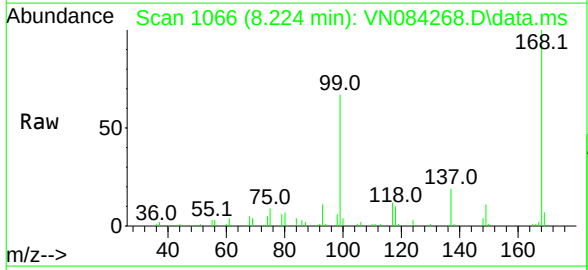
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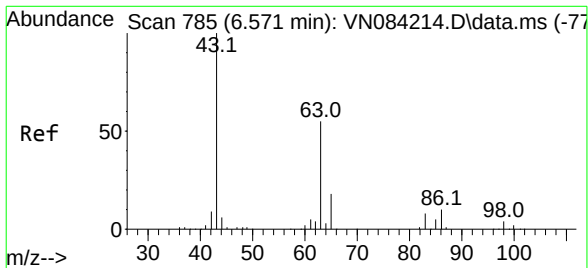
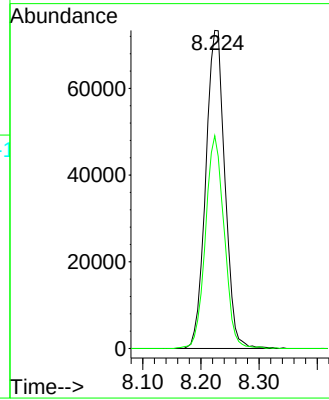
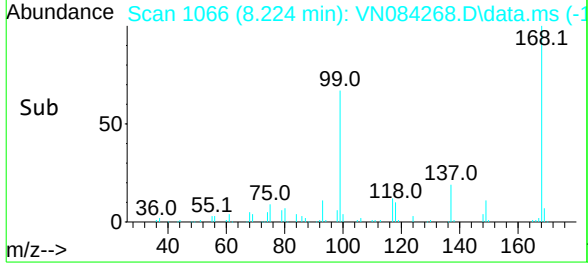


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084268.D
Acq: 02 Oct 2024 16:33

Instrument :
MSVOA_N
ClientSampleId :
TT161S1-20240925

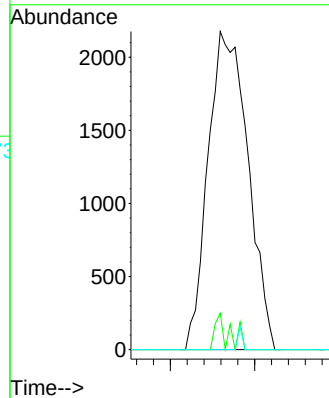
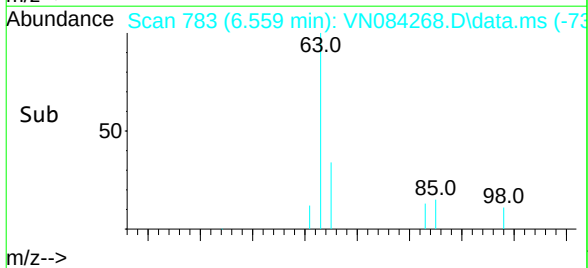
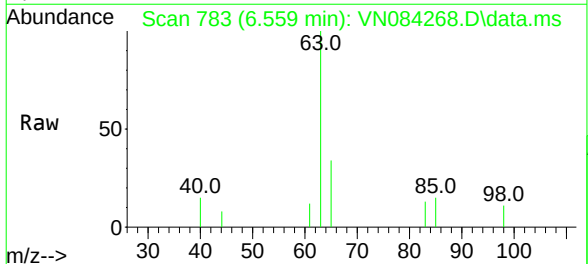


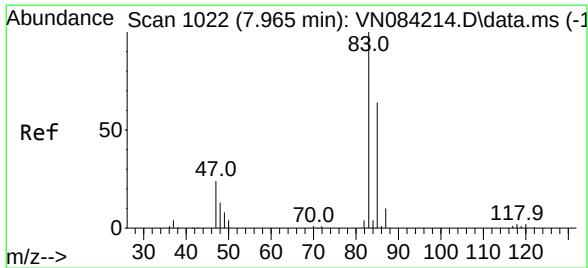
Tgt Ion:168 Resp: 167538
Ion Ratio Lower Upper
168 100
99 66.9 54.2 81.2



#24
1,1-Dichloroethane
Concen: 1.887 ug/l
RT: 6.559 min Scan# 783
Delta R.T. -0.012 min
Lab File: VN084268.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 63 Resp: 7150
Ion Ratio Lower Upper
63 100
98 11.5 3.4 10.2#
100 0.0 2.0 5.8#

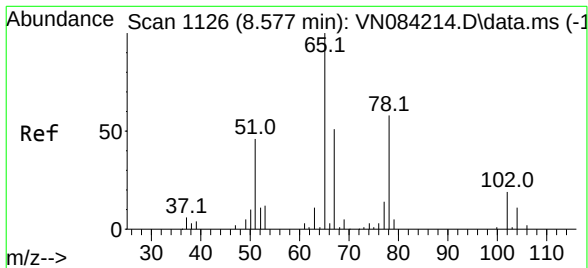
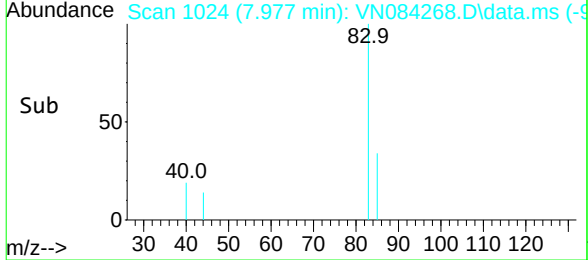
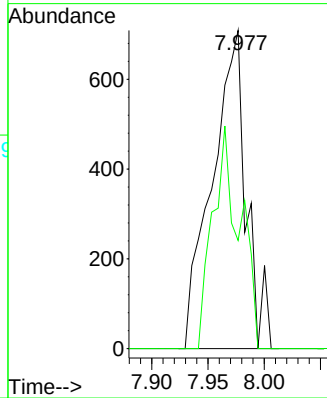
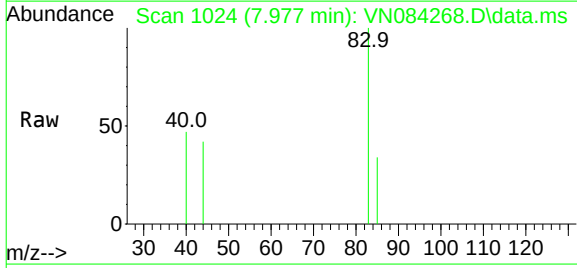




#30
Chloroform
Concen: 0.379 ug/l
RT: 7.977 min Scan# 1024
Delta R.T. 0.012 min
Lab File: VN084268.D
Acq: 02 Oct 2024 16:33

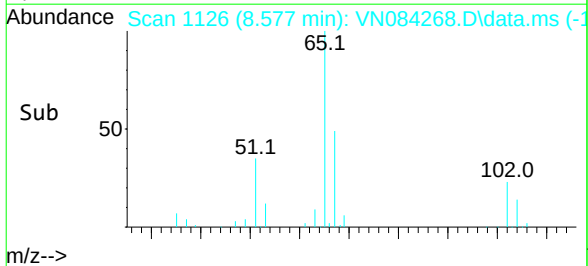
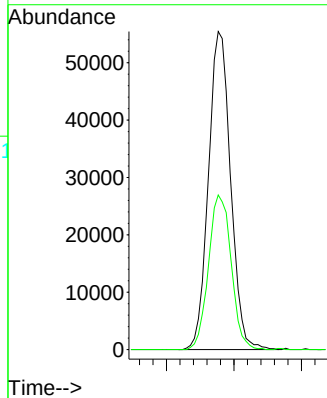
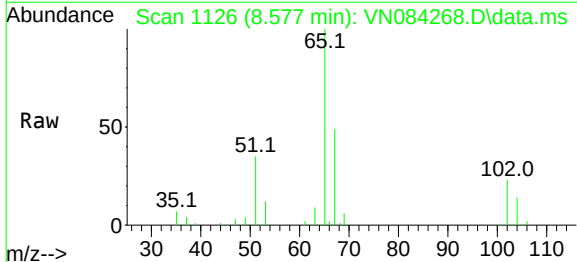
Instrument :
MSVOA_N
ClientSampleId :
TT161S1-20240925

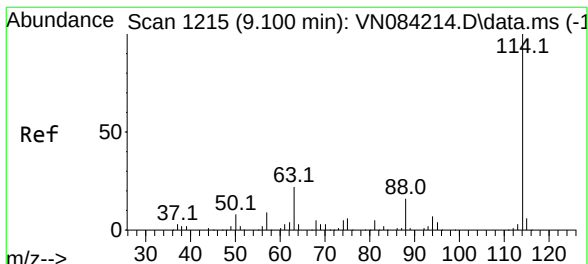
Tgt Ion: 83 Resp: 1493
Ion Ratio Lower Upper
83 100
85 34.0 51.0 76.4#



#33
1,2-Dichloroethane-d4
Concen: 50.867 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084268.D
Acq: 02 Oct 2024 16:33

Tgt Ion: 65 Resp: 126356
Ion Ratio Lower Upper
65 100
67 49.8 0.0 102.0

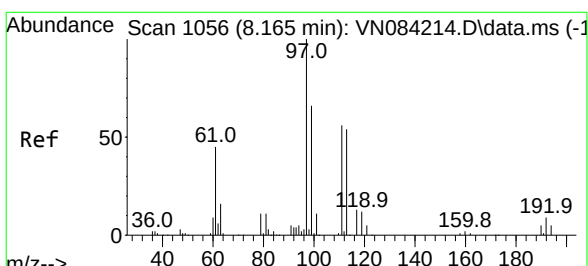
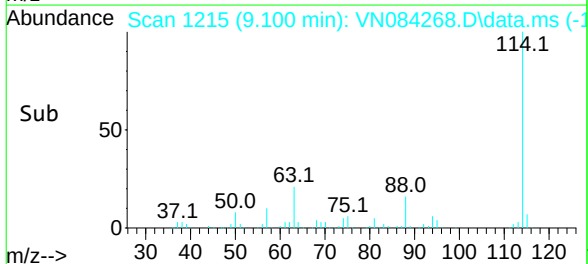
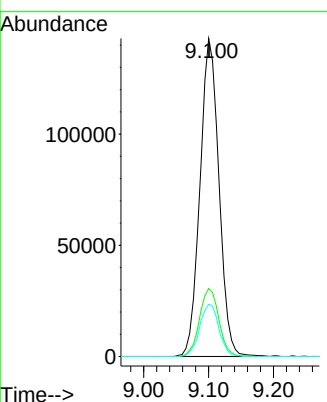
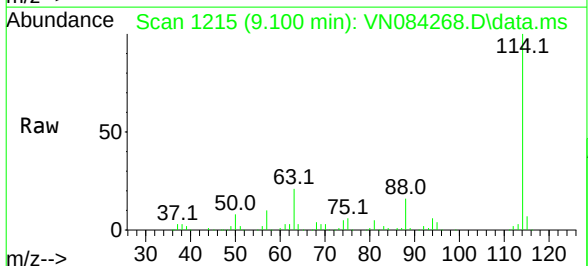




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084268.D
 Acq: 02 Oct 2024 16:33

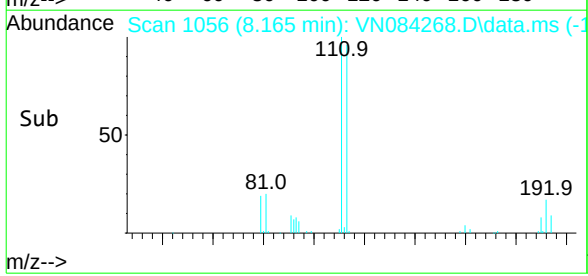
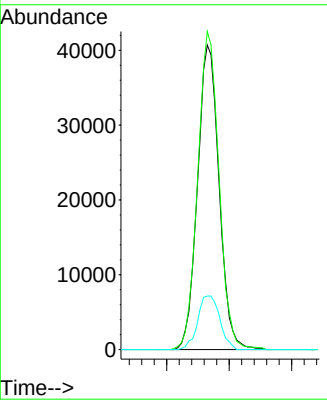
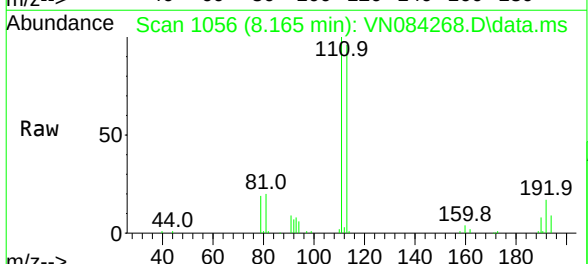
Instrument :
 MSVOA_N
 ClientSampleId :
 TT161S1-20240925

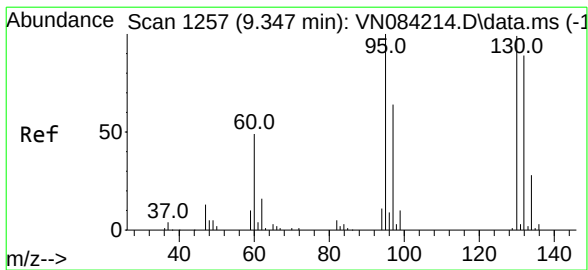
Tgt Ion:	114	Resp:	290349
Ion Ratio	Lower	Upper	
114	100		
63	21.4	0.0	43.8
88	16.4	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 50.945 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084268.D
 Acq: 02 Oct 2024 16:33

Tgt Ion:	113	Resp:	97517
Ion Ratio	Lower	Upper	
113	100		
111	103.1	83.3	124.9
192	18.1	13.5	20.3





#44

Trichloroethene

Concen: 0.862 ug/l

RT: 9.353 min Scan# 12

Delta R.T. 0.006 min

Lab File: VN084268.D

Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_N

ClientSampleId :

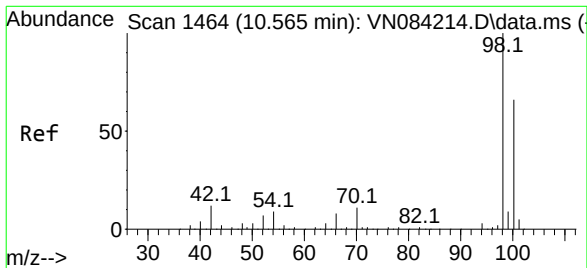
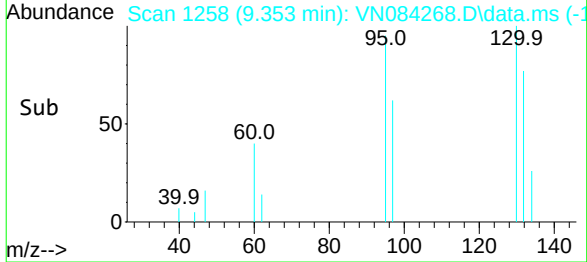
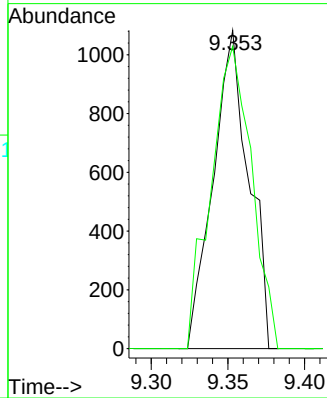
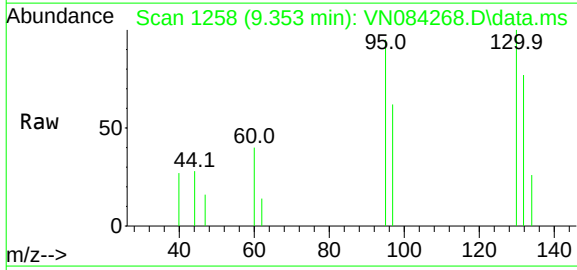
TT161S1-20240925

Tgt Ion:130 Resp: 1744

Ion Ratio Lower Upper

130 100

95 95.0 0.0 203.0



#50

Toluene-d8

Concen: 50.228 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084268.D

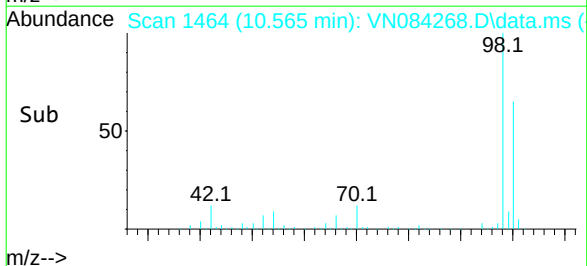
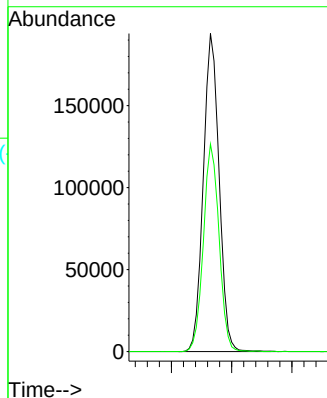
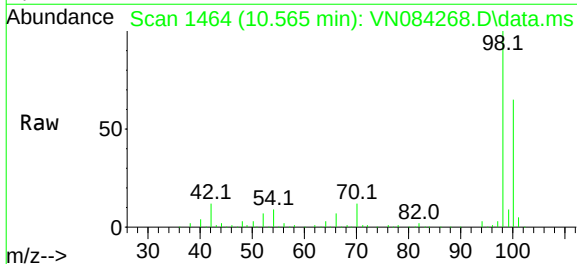
Acq: 02 Oct 2024 16:33

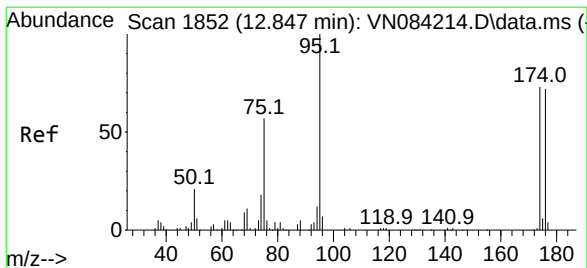
Tgt Ion: 98 Resp: 353728

Ion Ratio Lower Upper

98 100

100 64.4 52.7 79.1





#62

4-Bromofluorobenzene

Concen: 46.204 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN084268.D

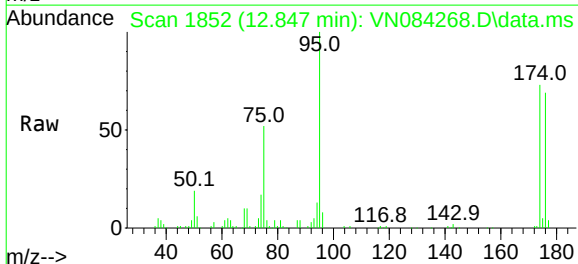
Acq: 02 Oct 2024 16:33

Instrument :

MSVOA_N

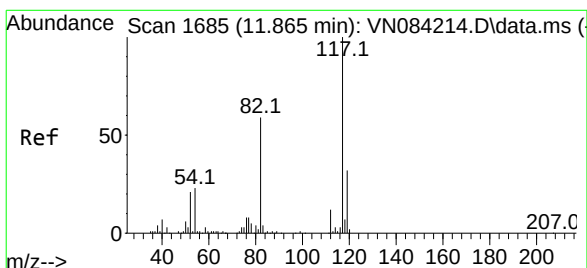
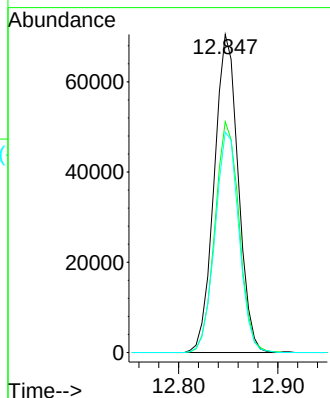
ClientSampleId :

TT161S1-20240925



Tgt Ion: 95 Resp: 118543

Ion	Ratio	Lower	Upper
95	100		
174	73.0	0.0	145.2
176	69.3	0.0	140.0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1685

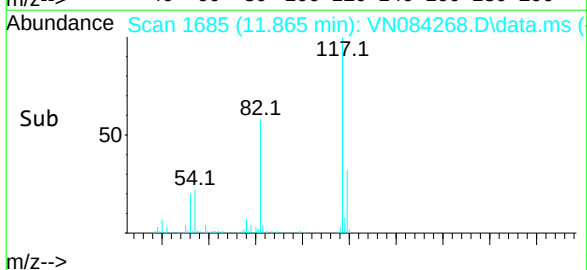
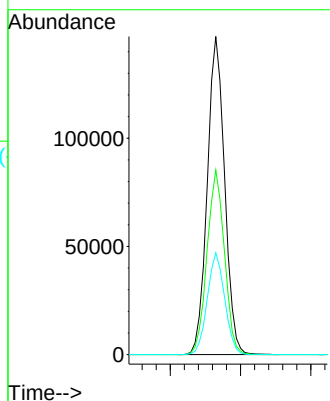
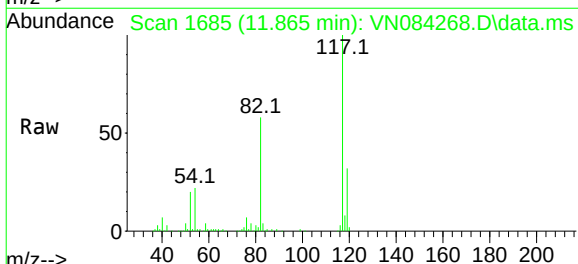
Delta R.T. 0.000 min

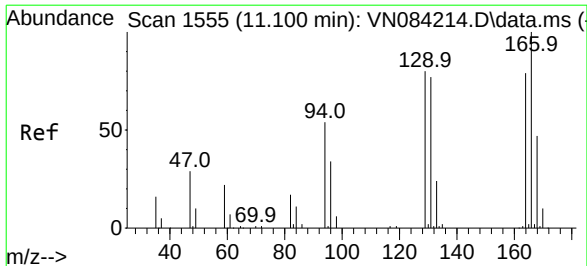
Lab File: VN084268.D

Acq: 02 Oct 2024 16:33

Tgt Ion: 117 Resp: 252289

Ion	Ratio	Lower	Upper
117	100		
82	58.0	47.2	70.8
119	32.0	25.4	38.0





#64

Tetrachloroethene

Concen: 0.509 ug/l

RT: 11.100 min Scan# 15

Delta R.T. 0.000 min

Lab File: VN084268.D

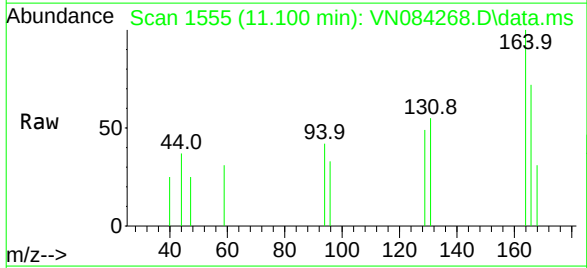
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Instrument :

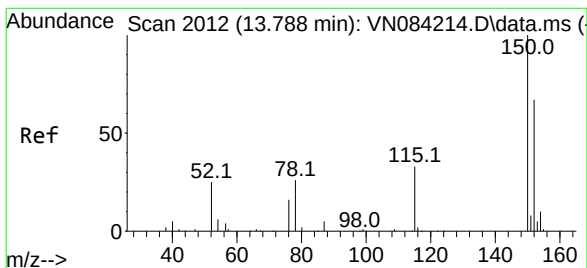
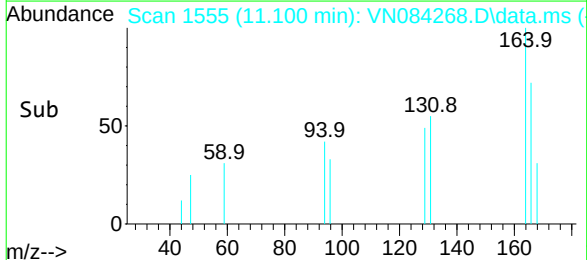
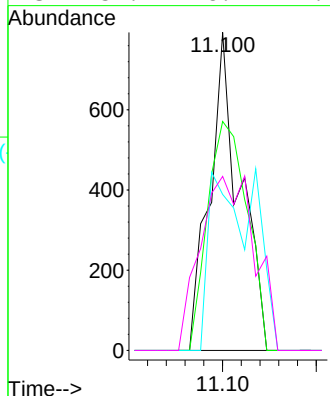
MSVOA_N

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Tgt Ion:	164	Resp:	894
Ion	Ratio	Lower	Upper
164	100		
166	72.0	101.0	151.4#
129	49.1	80.8	121.2#
131	54.7	78.1	117.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084268.D

Acq: 02 Oct 2024 16:33

Tgt Ion:	152	Resp:	97632
Ion	Ratio	Lower	Upper
152	100		
115	62.9	31.3	93.9
150	157.0	0.0	349.8

