

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092524\
 Data File : VN084168.D
 Acq On : 25 Sep 2024 18:35
 Operator : JC\MD
 Sample : P4116-22
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20240918

Quant Time: Sep 26 01:36:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

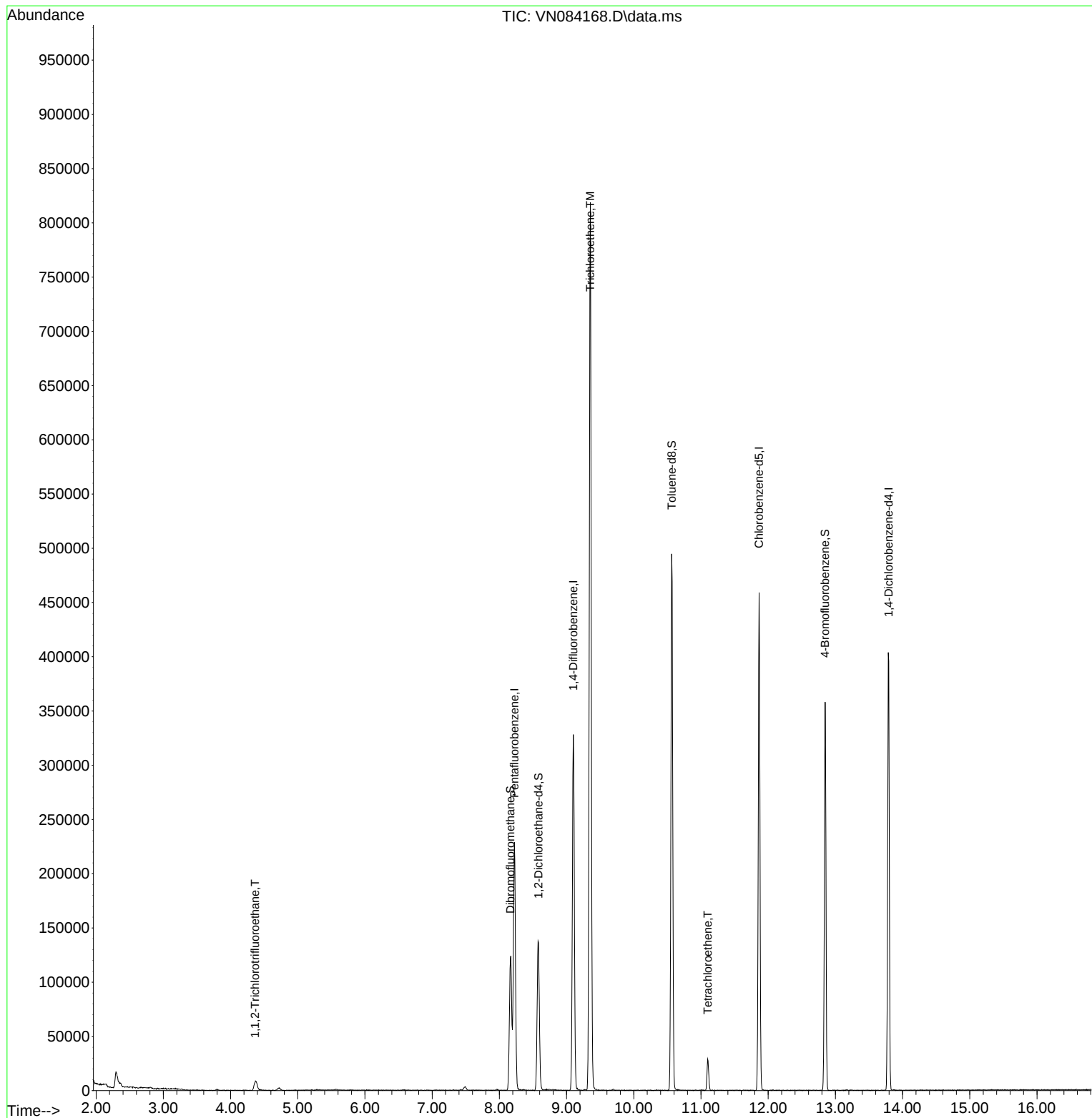
Internal Standards						
1) Pentafluorobenzene	8.224	168	155260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	274137	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	247955	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	104708	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	118336	50.547	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	101.100%
35) Dibromofluoromethane	8.165	113	91600	52.194	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.380%
50) Toluene-d8	10.565	98	337540	55.635	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	111.260%
62) 4-Bromofluorobenzene	12.847	95	120274	48.049	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	96.100%
Target Compounds						
						Qvalue
9) 1,1,2-Trichlorotrifluo...	4.365	101	6928	3.896	ug/l	# 30
44) Trichloroethene	9.353	130	282106	153.223	ug/l	93
64) Tetrachloroethene	11.100	164	6393	3.877	ug/l	99

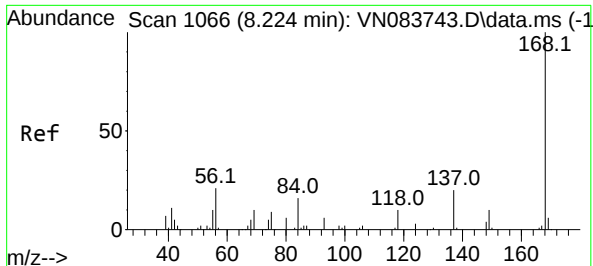
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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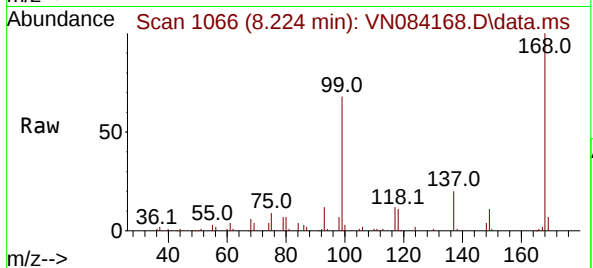
Quant Time: Sep 26 01:36:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



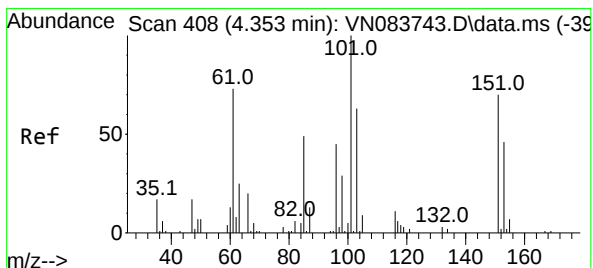
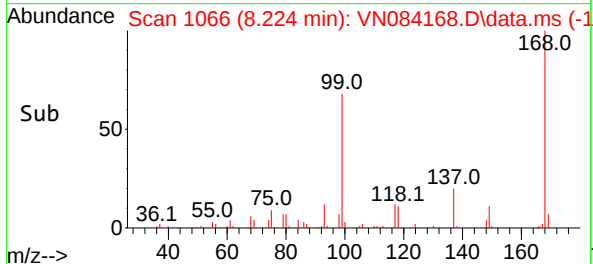
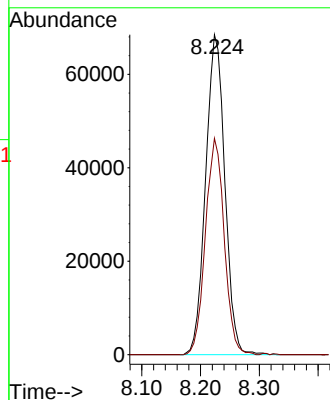


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

Instrument :
MSVOA_N
ClientSampleId :
RE132D4-20240918

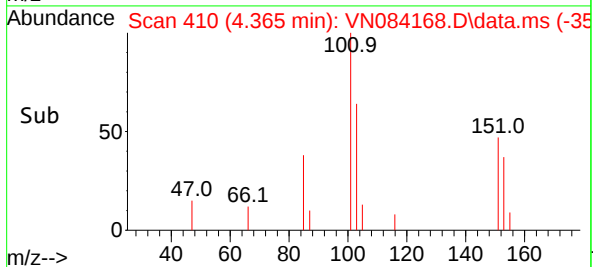
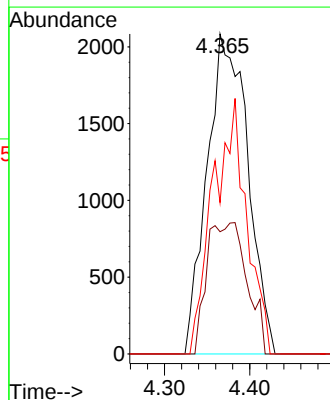
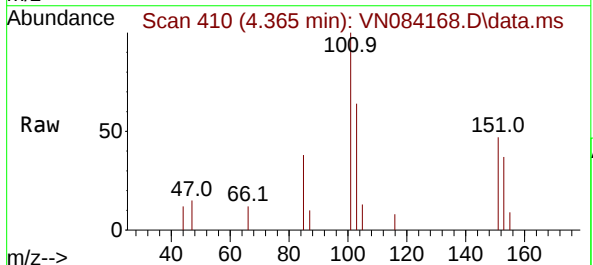


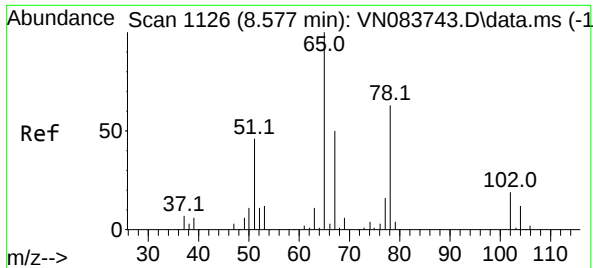
Tgt Ion:168 Resp: 155260
Ion Ratio Lower Upper
168 100
99 67.6 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 3.896 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

Tgt Ion:101 Resp: 6928
Ion Ratio Lower Upper
101 100
85 16.1 36.2 54.4#
151 0.0 57.7 86.5#





#33

1,2-Dichloroethane-d4

Concen: 50.547 ug/l

RT: 8.582 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VN084168.D

Acq: 25 Sep 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

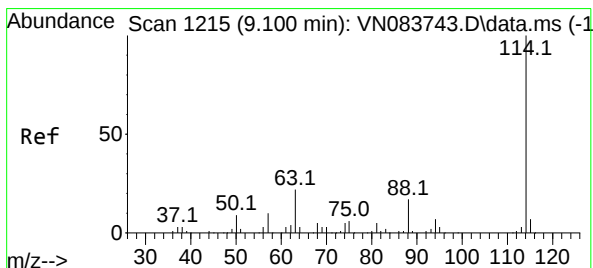
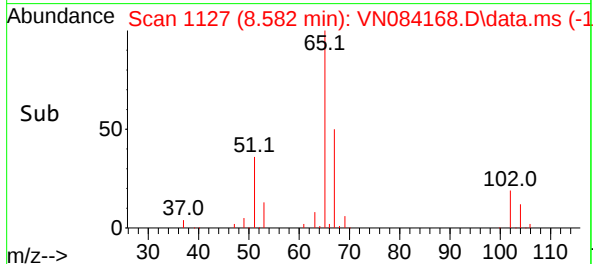
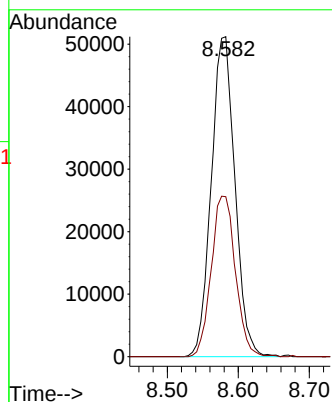
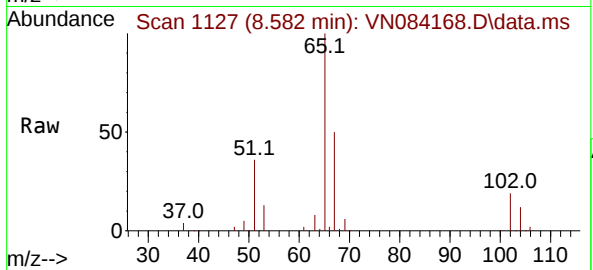
RE132D4-20240918

Tgt Ion: 65 Resp: 118336

Ion Ratio Lower Upper

65 100

67 51.2 0.0 100.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN084168.D

Acq: 25 Sep 2024 18:35

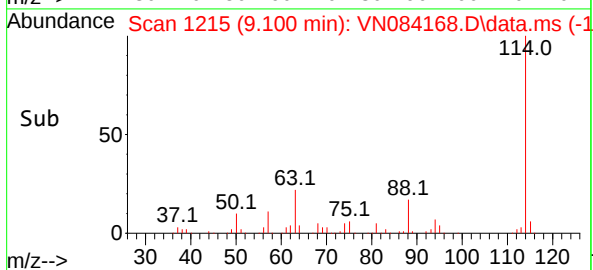
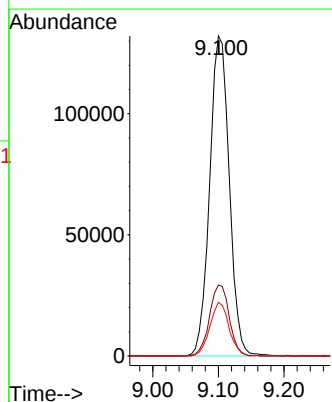
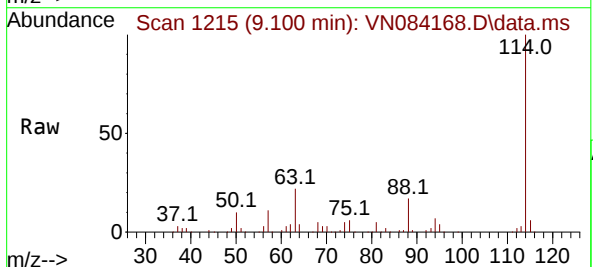
Tgt Ion: 114 Resp: 274137

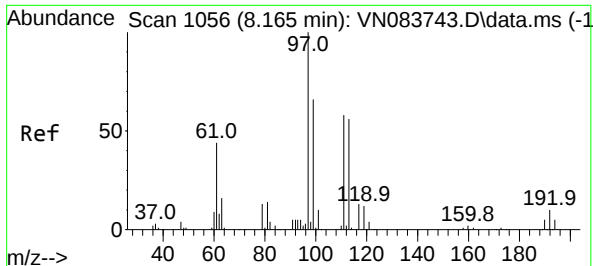
Ion Ratio Lower Upper

114 100

63 22.2 0.0 43.4

88 16.7 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.194 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN084168.D

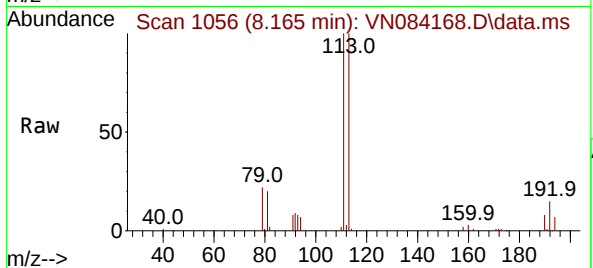
Acq: 25 Sep 2024 18:35

Instrument :

MSVOA_N

ClientSampleId :

RE132D4-20240918



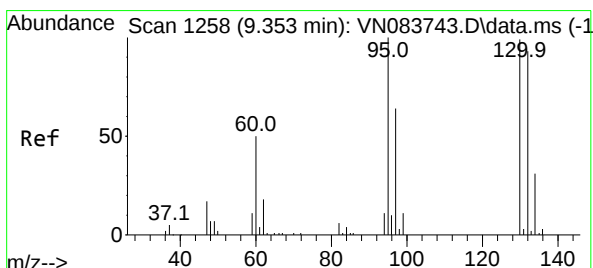
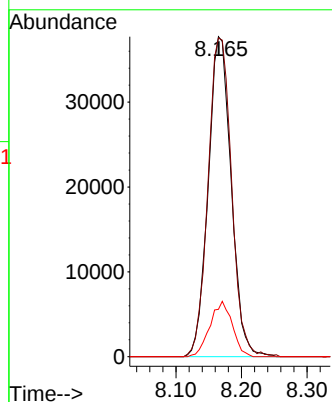
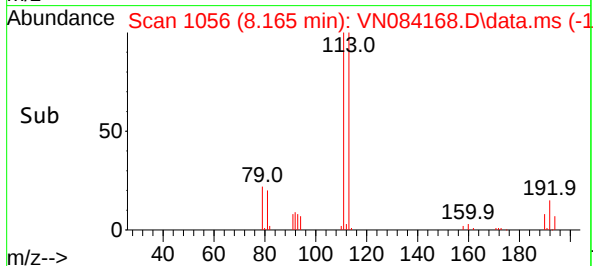
Tgt Ion:113 Resp: 91600

Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 16.8 14.3 21.5



#44

Trichloroethene

Concen: 153.223 ug/l

RT: 9.353 min Scan# 1258

Delta R.T. -0.000 min

Lab File: VN084168.D

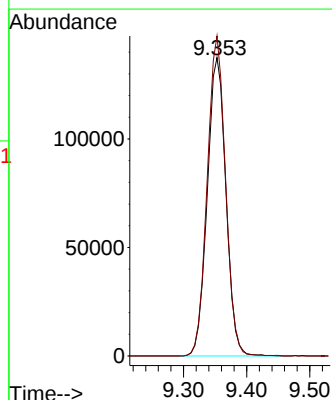
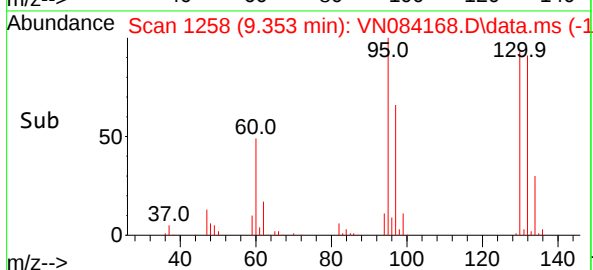
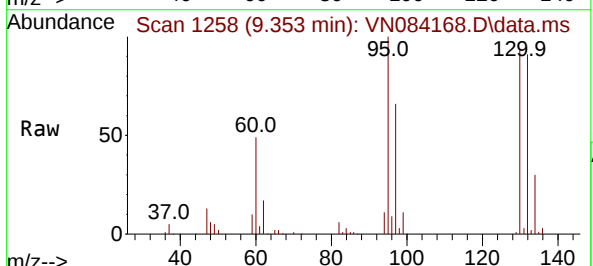
Acq: 25 Sep 2024 18:35

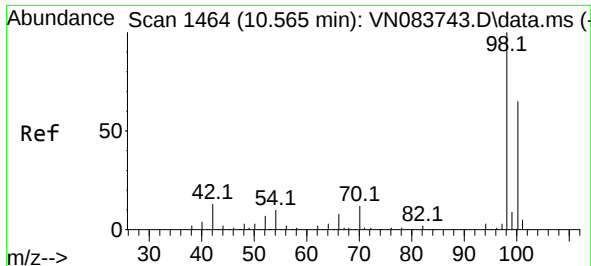
Tgt Ion:130 Resp: 282106

Ion Ratio Lower Upper

130 100

95 107.3 0.0 200.4

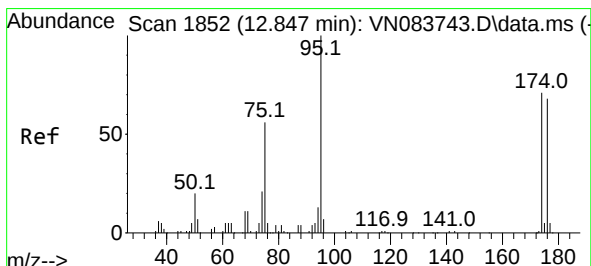
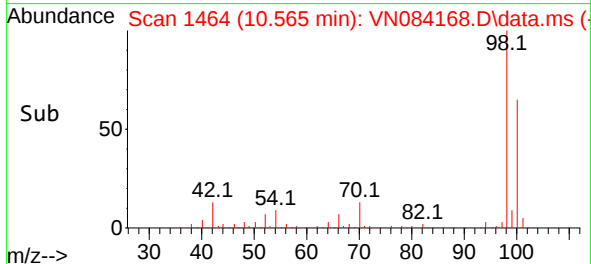
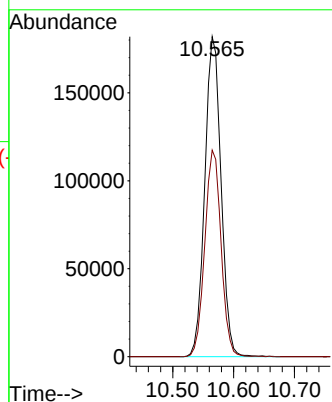
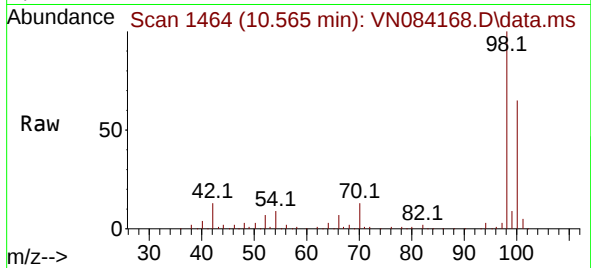




#50
Toluene-d8
Concen: 55.635 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

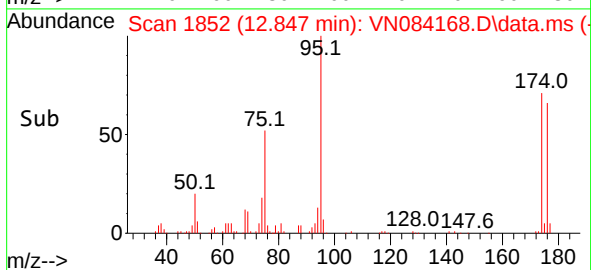
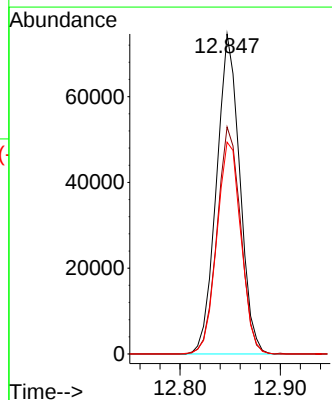
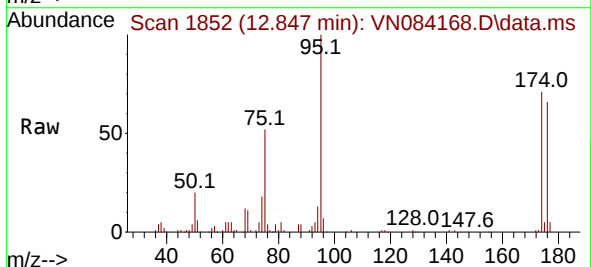
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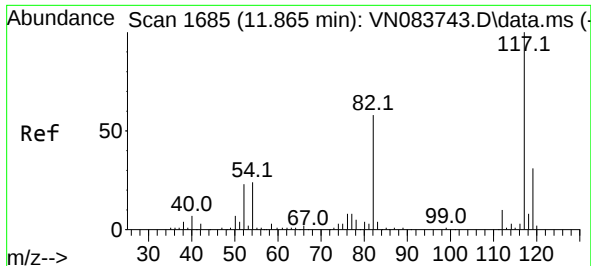
Tgt Ion: 98 Resp: 337540
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 48.049 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

Tgt Ion: 95 Resp: 120274
Ion Ratio Lower Upper
95 100
174 72.1 0.0 139.8
176 68.8 0.0 131.4

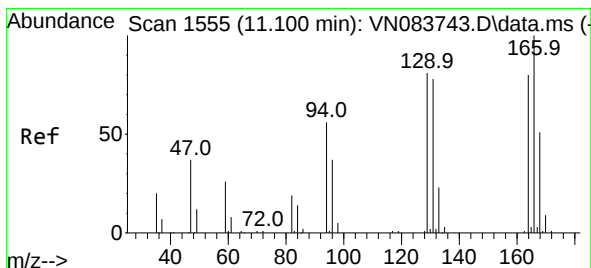
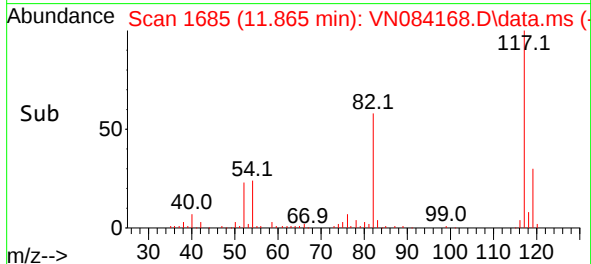
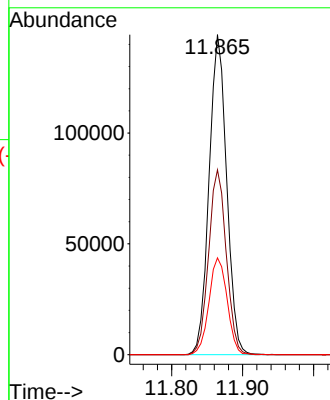
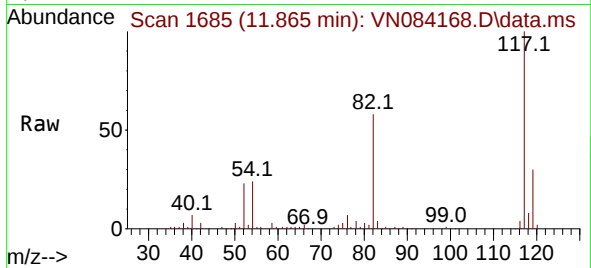




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

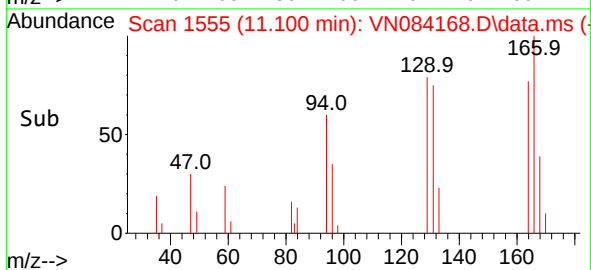
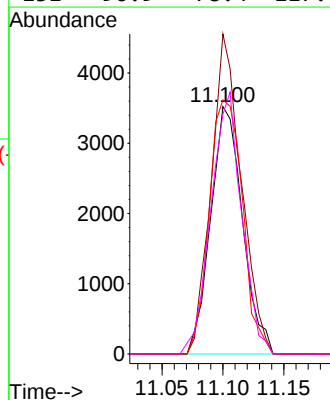
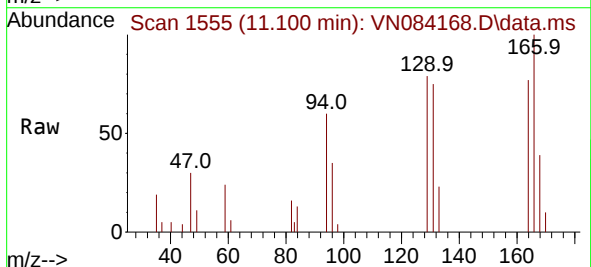
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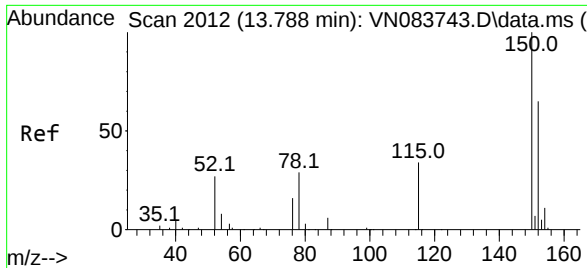
Tgt Ion:117 Resp: 247955
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.0
119 30.3 26.3 39.5



#64
Tetrachloroethene
Concen: 3.877 ug/l
RT: 11.100 min Scan# 1555
Delta R.T. -0.000 min
Lab File: VN084168.D
Acq: 25 Sep 2024 18:35

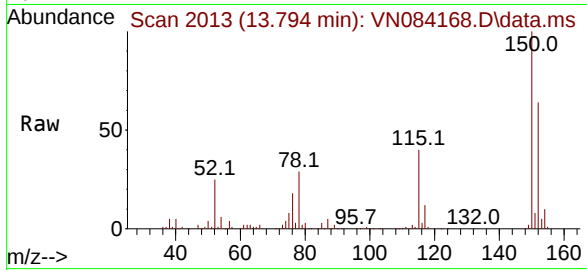
Tgt Ion:164 Resp: 6393
Ion Ratio Lower Upper
164 100
166 129.3 103.7 155.5
129 102.7 79.9 119.9
131 96.9 78.4 117.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.794 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN084168.D
 Acq: 25 Sep 2024 18:35

Instrument :
 MSVOA_N
 ClientSampleId :
 RE132D4-20240918



Tgt Ion:	152	Resp:	104708
Ion	Ratio	Lower	Upper
152	100		
115	64.4	32.2	96.6
150	156.8	0.0	348.6

