

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091924\
 Data File : VN084041.D
 Acq On : 19 Sep 2024 18:04
 Operator : JC\MD
 Sample : P4003-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20240912

Quant Time: Sep 20 01:34:51 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)

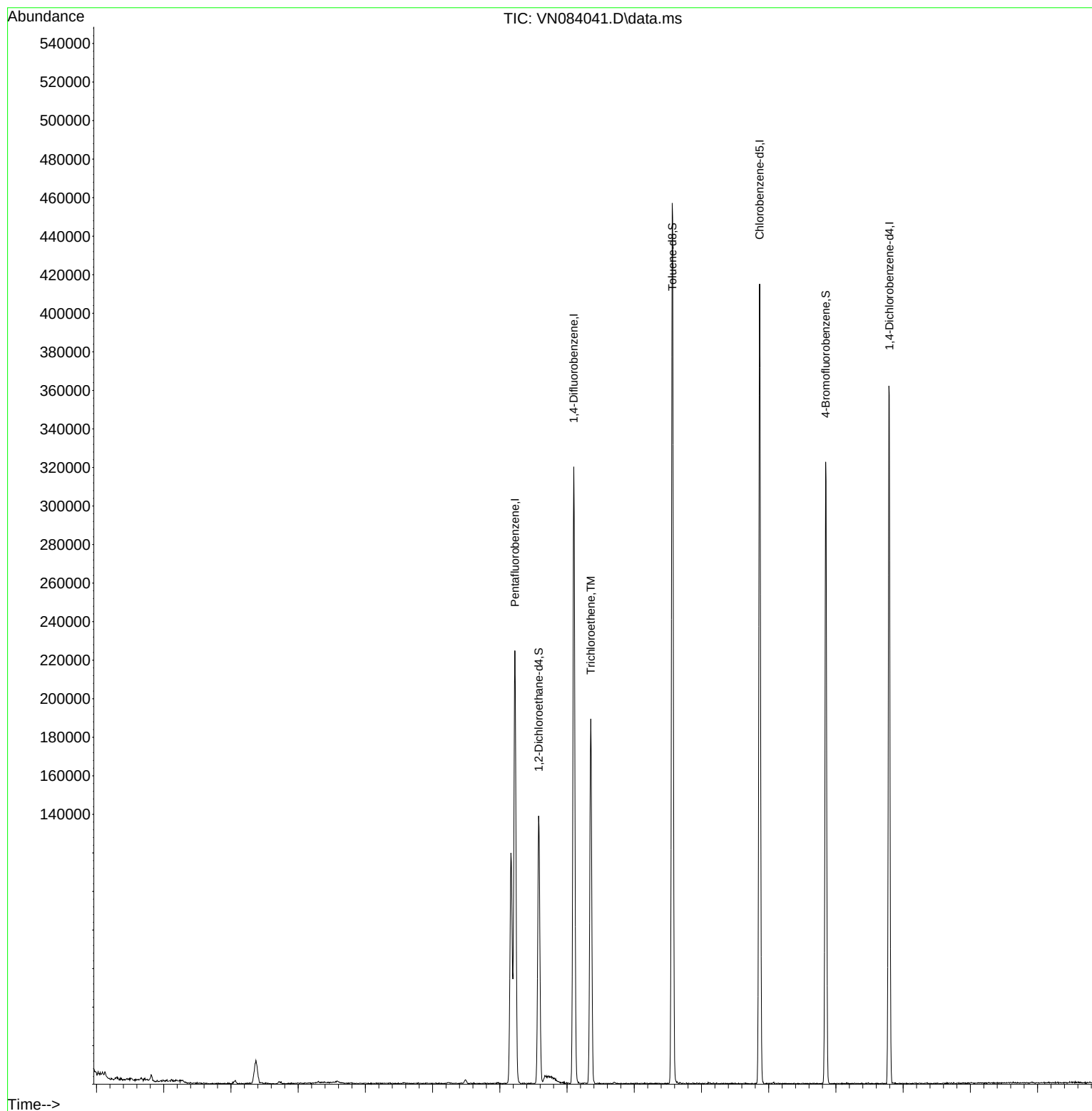
Internal Standards						
1) Pentafluorobenzene	8.224	168	148717	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	257486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	220316	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	91786	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	118532	52.858	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	105.720%	
35) Dibromofluoromethane	8.165	113	84071	51.002	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	102.000%	
50) Toluene-d8	10.565	98	308282	54.098	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	108.200%	
62) 4-Bromofluorobenzene	12.847	95	110025	46.797	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	93.600%	
Target Compounds						
9) 1,1,2-Trichlorotrifluo...	4.365	101	8547	5.018	ug/l	98
44) Trichloroethene	9.353	130	63635	36.798	ug/l	97

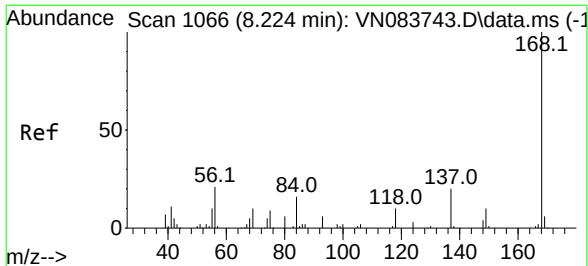
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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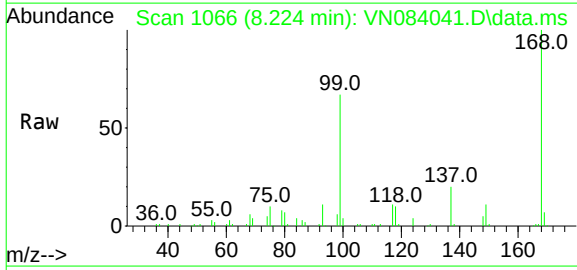
Quant Time: Sep 20 01:34:51 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



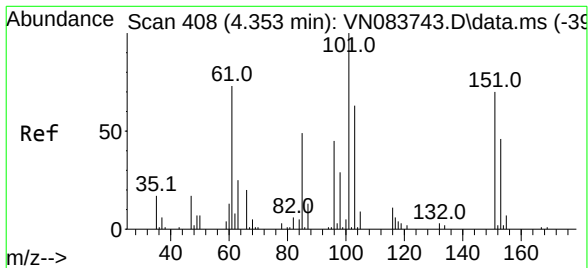
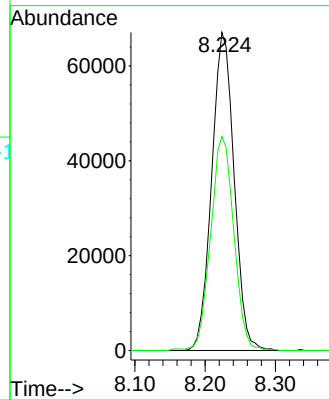
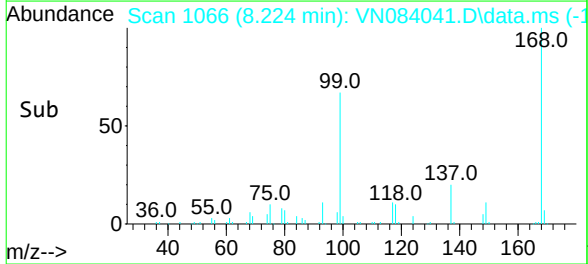


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084041.D
Acq: 19 Sep 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20240912

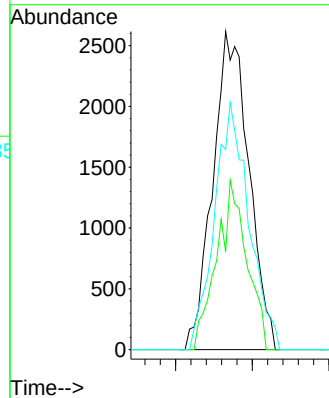
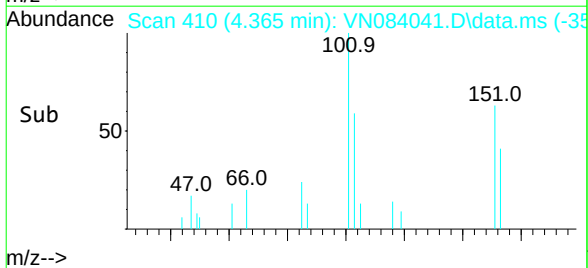
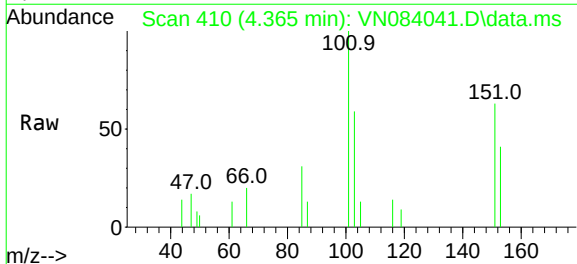


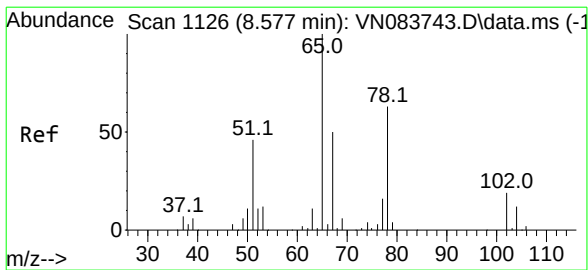
Tgt Ion:168 Resp: 148717
Ion Ratio Lower Upper
168 100
99 67.3 54.2 81.2



#9
1,1,2-Trichlorotrifluoroethane
Concen: 5.018 ug/l
RT: 4.365 min Scan# 410
Delta R.T. 0.012 min
Lab File: VN084041.D
Acq: 19 Sep 2024 18:04

Tgt Ion:101 Resp: 8547
Ion Ratio Lower Upper
101 100
85 44.4 36.2 54.4
151 74.0 57.7 86.5

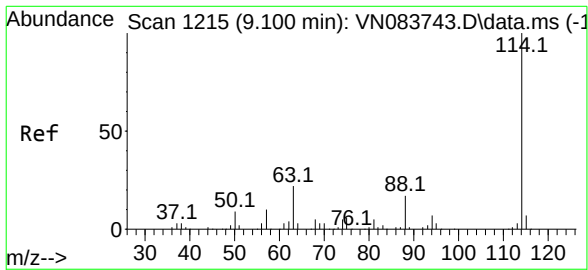
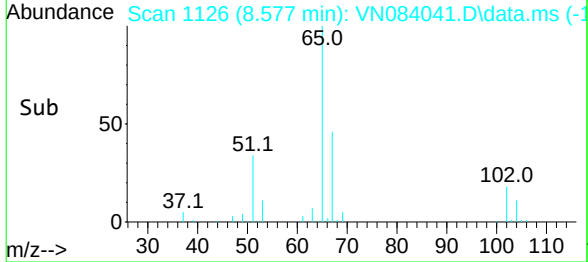
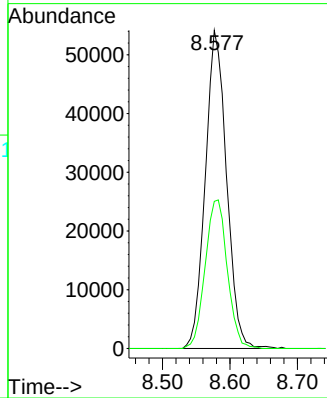
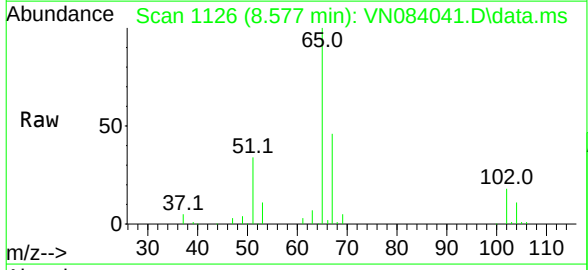




#33
 1,2-Dichloroethane-d4
 Concen: 52.858 ug/l
 RT: 8.577 min Scan# 1116
 Delta R.T. 0.000 min
 Lab File: VN084041.D
 Acq: 19 Sep 2024 18:04

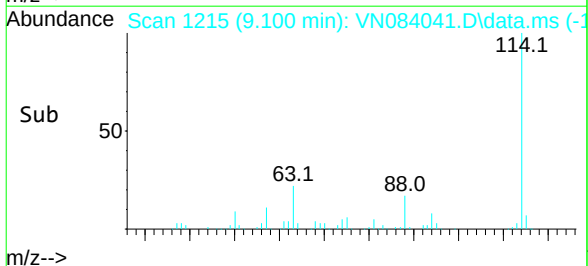
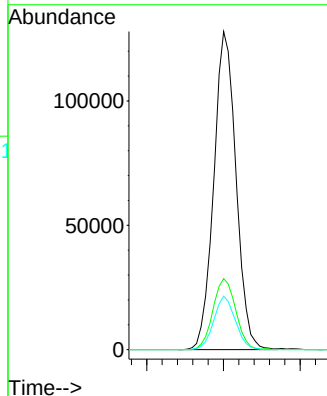
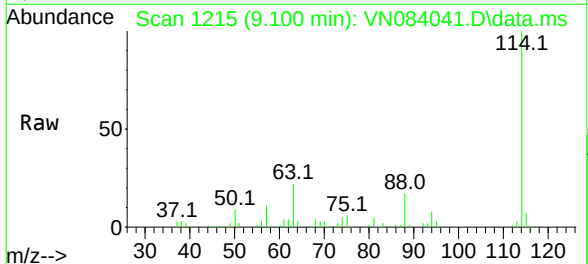
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20240912

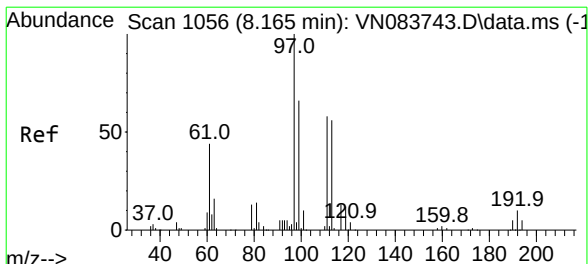
Tgt Ion:	65	Resp:	118532
Ion Ratio	Lower	Upper	
65	100		
67	48.6	0.0	100.8



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084041.D
 Acq: 19 Sep 2024 18:04

Tgt Ion:	114	Resp:	257486
Ion Ratio	Lower	Upper	
114	100		
63	22.3	0.0	43.4
88	16.8	0.0	32.6

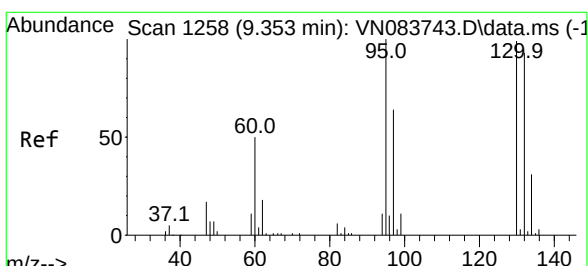
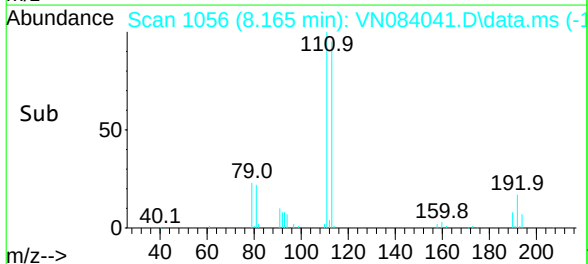
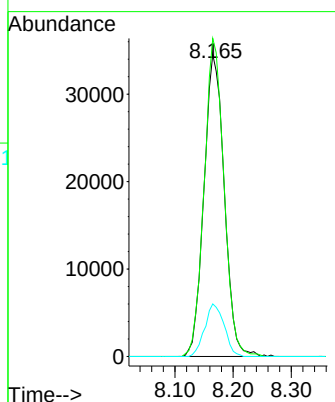
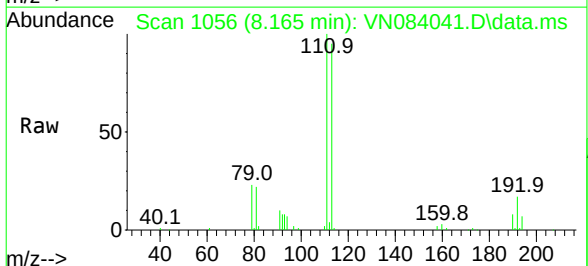




#35
 Dibromofluoromethane
 Concen: 51.002 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084041.D
 Acq: 19 Sep 2024 18:04

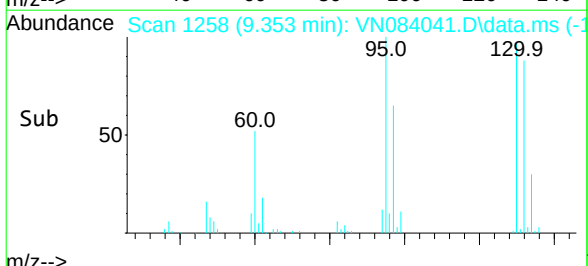
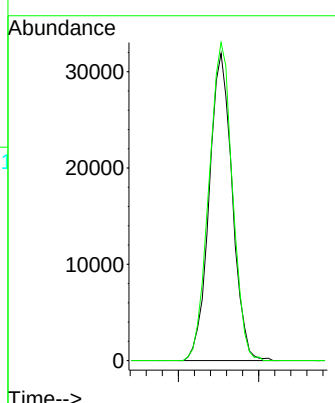
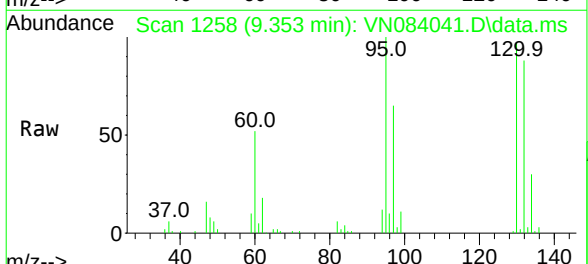
Instrument :
 MSVOA_N
 ClientSampleId :
 RE105D1-20240912

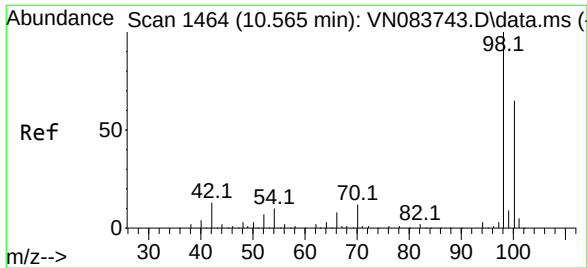
Tgt Ion:	113	Resp:	84071
Ion Ratio	Lower	Upper	
113	100		
111	102.2	82.6	124.0
192	16.6	14.3	21.5



#44
 Trichloroethene
 Concen: 36.798 ug/l
 RT: 9.353 min Scan# 1258
 Delta R.T. 0.000 min
 Lab File: VN084041.D
 Acq: 19 Sep 2024 18:04

Tgt Ion:	130	Resp:	63635
Ion Ratio	Lower	Upper	
130	100		
95	103.5	0.0	200.4





#50

Toluene-d8

Concen: 54.098 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084041.D

Acq: 19 Sep 2024 18:04

Instrument :

MSVOA_N

ClientSampleId :

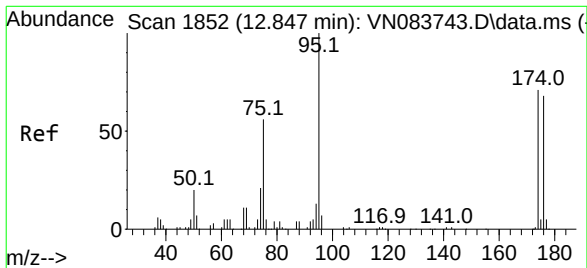
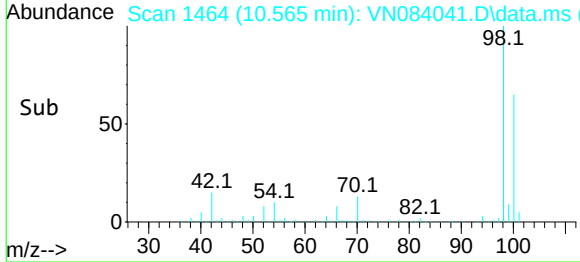
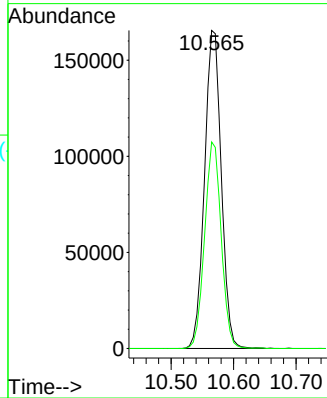
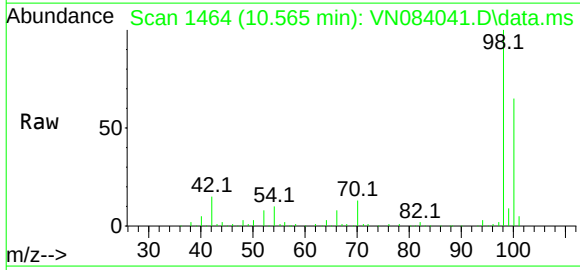
RE105D1-20240912

Tgt Ion: 98 Resp: 308282

Ion Ratio Lower Upper

98 100

100 64.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 46.797 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. 0.000 min

Lab File: VN084041.D

Acq: 19 Sep 2024 18:04

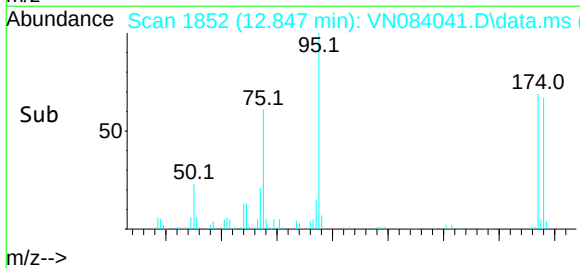
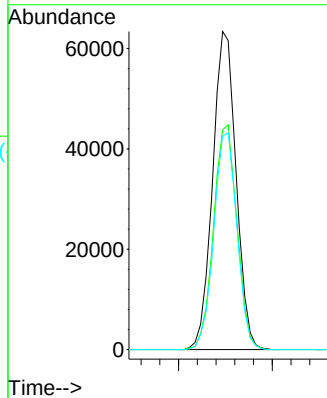
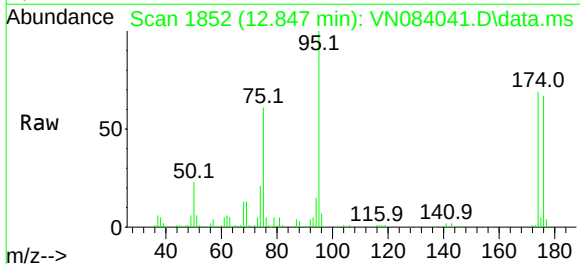
Tgt Ion: 95 Resp: 110025

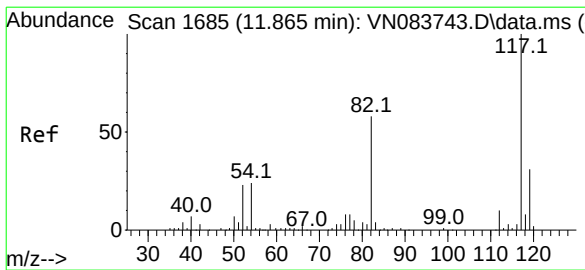
Ion Ratio Lower Upper

95 100

174 70.7 0.0 139.8

176 67.3 0.0 131.4

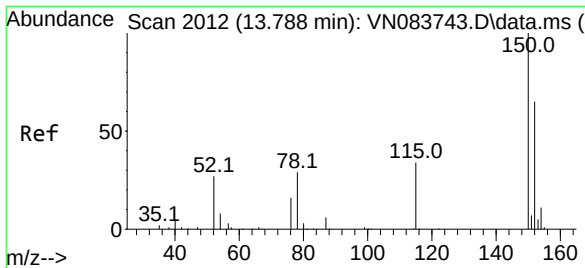
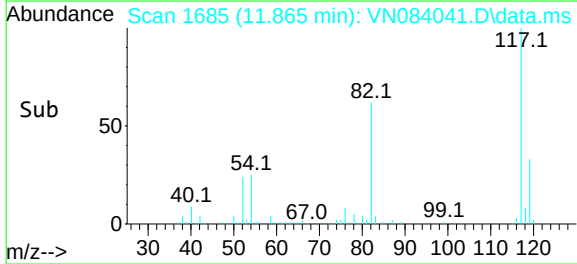
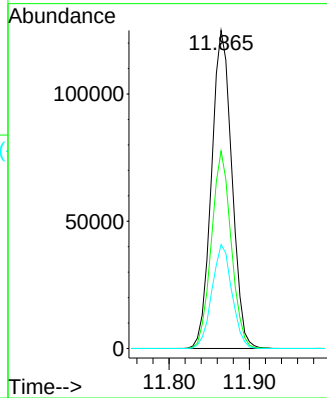
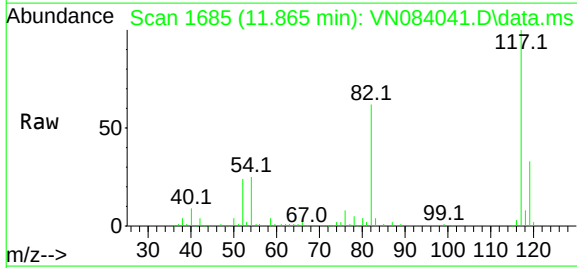




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 16
Delta R.T. 0.000 min
Lab File: VN084041.D
Acq: 19 Sep 2024 18:04

Instrument :
MSVOA_N
ClientSampleId :
RE105D1-20240912

Tgt Ion	Ratio	Lower	Upper
117	100		
82	62.1	47.4	71.0
119	32.7	26.3	39.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN084041.D
Acq: 19 Sep 2024 18:04

Tgt Ion	Ratio	Lower	Upper
152	100		
115	64.5	32.2	96.6
150	158.0	0.0	348.6

