

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085228.D
 Acq On : 17 Dec 2024 16:45
 Operator : JC\MD
 Sample : P5291-12
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20241216

Quant Time: Dec 18 00:28:31 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 23 02:54:10 2024
 Response via : Initial Calibration

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

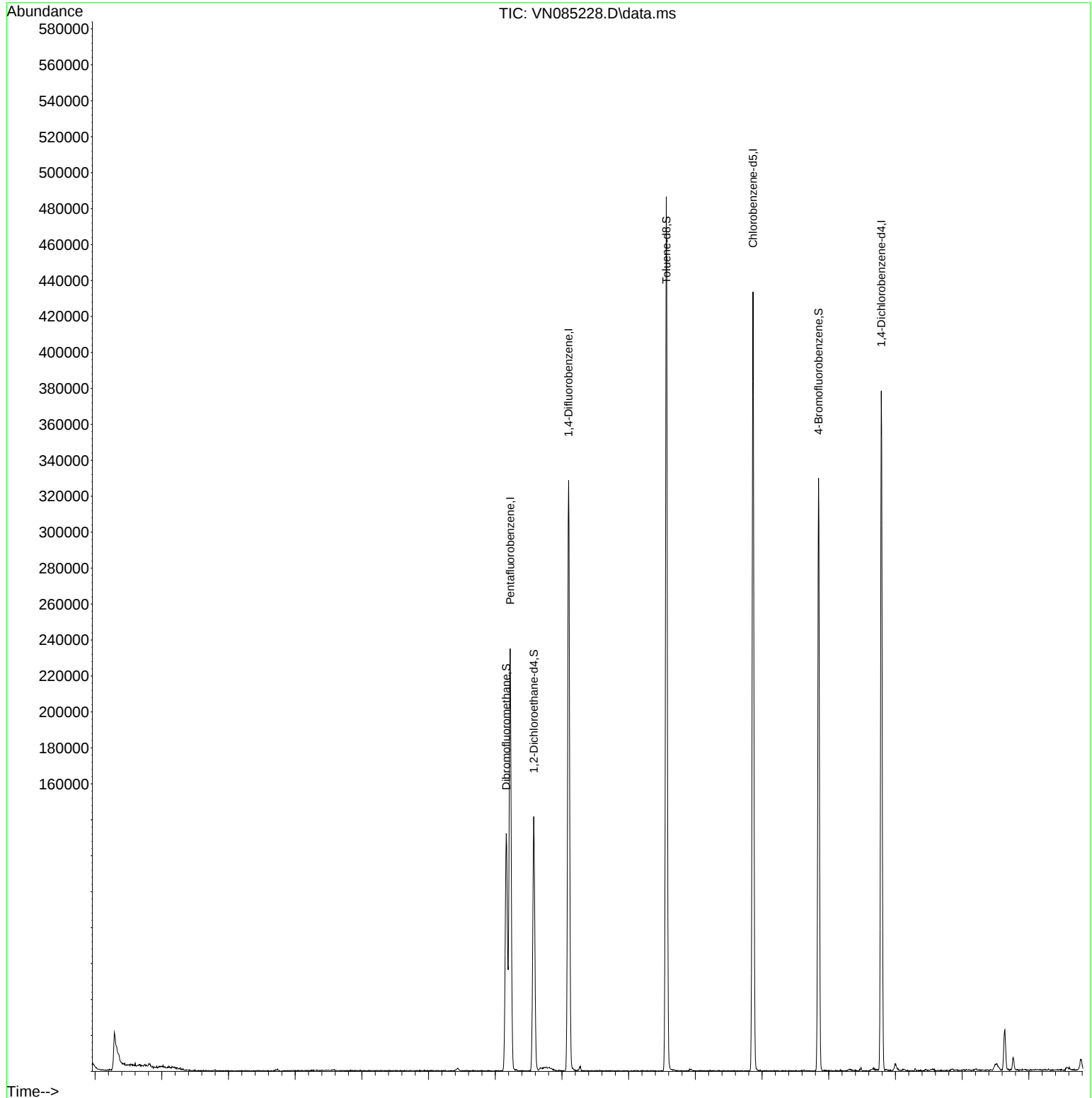
Internal Standards						
1) Pentafluorobenzene	8.224	168	167979	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	282377	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	248528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101465	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	114324	47.780	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.560%		
35) Dibromofluoromethane	8.165	113	94743	49.753	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	99.500%		
50) Toluene-d8	10.565	98	331981	48.646	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	97.300%		
62) 4-Bromofluorobenzene	12.847	95	117008	45.848	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	91.700%		
Target Compounds						
95) Naphthalene	15.641	128	23819	4.228	ug/l	Qvalue 98

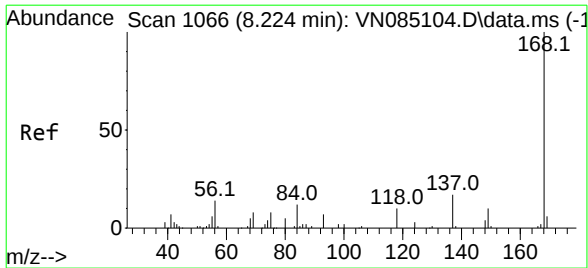
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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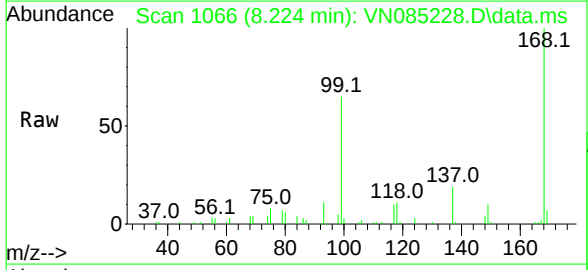
Quant Time: Dec 18 00:28:31 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
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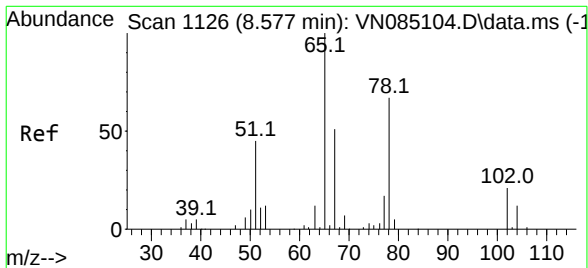
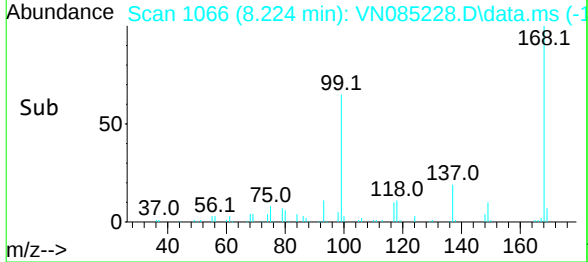
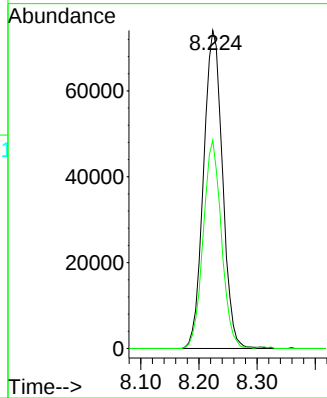


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085228.D
Acq: 17 Dec 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
TB-20241216

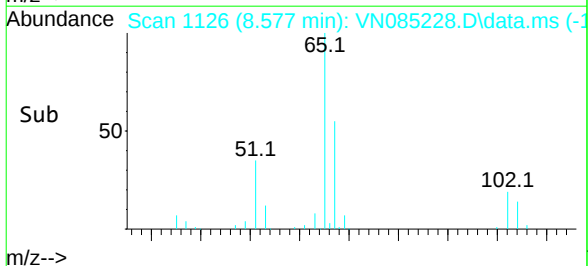
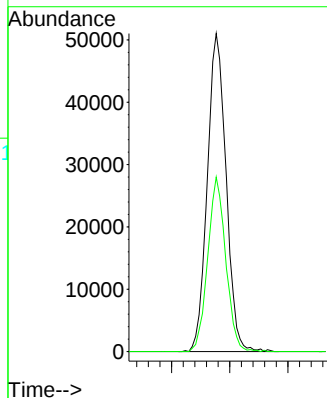
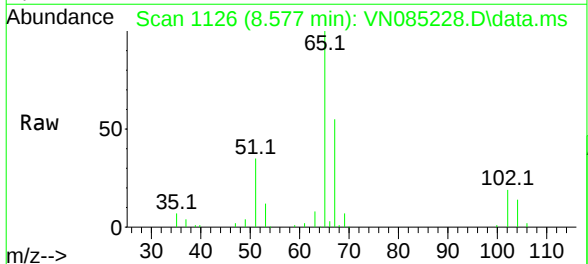


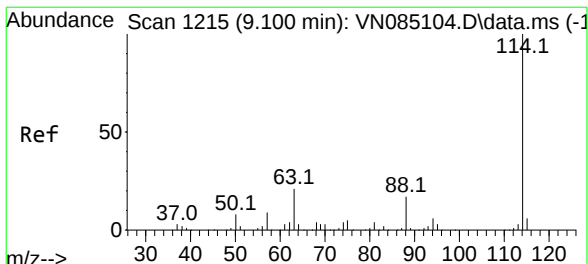
Tgt Ion:168 Resp: 167979
Ion Ratio Lower Upper
168 100
99 65.4 51.2 76.8



#33
1,2-Dichloroethane-d4
Concen: 47.780 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085228.D
Acq: 17 Dec 2024 16:45

Tgt Ion: 65 Resp: 114324
Ion Ratio Lower Upper
65 100
67 52.7 0.0 105.0

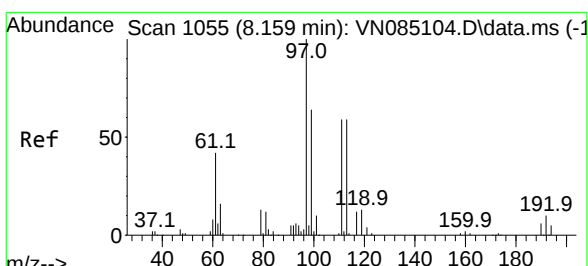
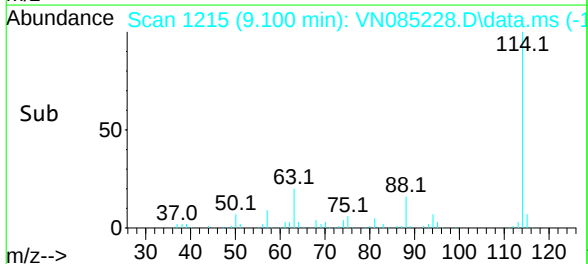
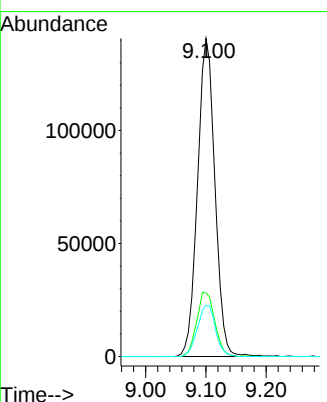
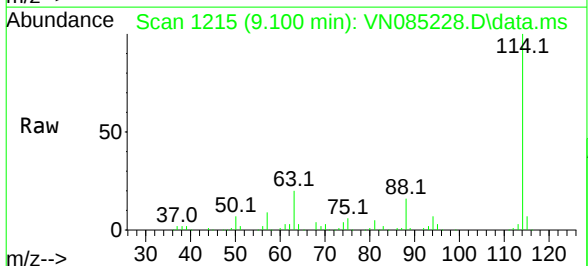




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085228.D
 Acq: 17 Dec 2024 16:45

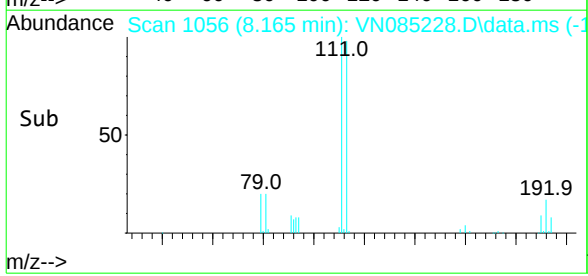
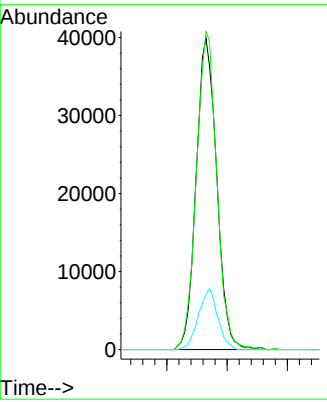
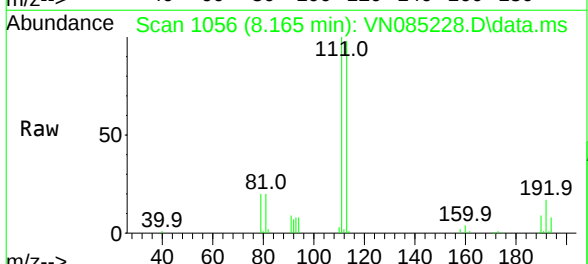
Instrument :
 MSVOA_N
 ClientSampleId :
 TB-20241216

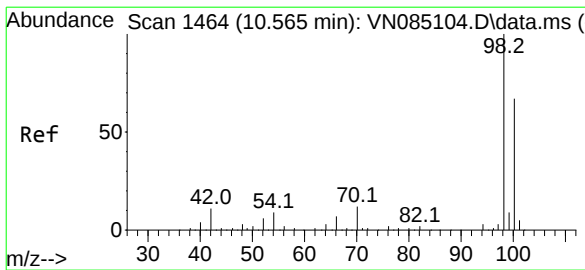
Tgt Ion:	114	Resp:	282377
Ion	Ratio	Lower	Upper
114	100		
63	20.0	0.0	41.0
88	16.0	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 49.753 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085228.D
 Acq: 17 Dec 2024 16:45

Tgt Ion:	113	Resp:	94743
Ion	Ratio	Lower	Upper
113	100		
111	101.3	82.0	123.0
192	18.4	14.8	22.2





#50

Toluene-d8

Concen: 48.646 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085228.D

Acq: 17 Dec 2024 16:45

Instrument :

MSVOA_N

ClientSampleId :

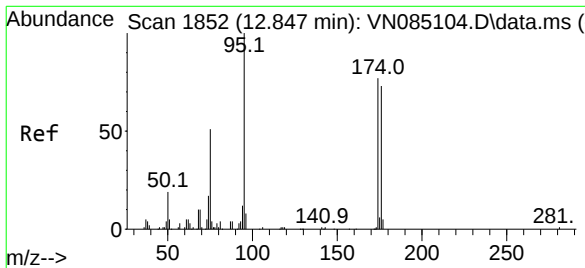
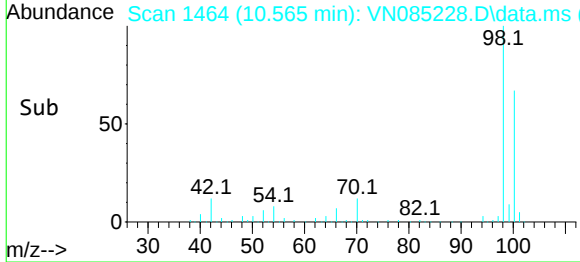
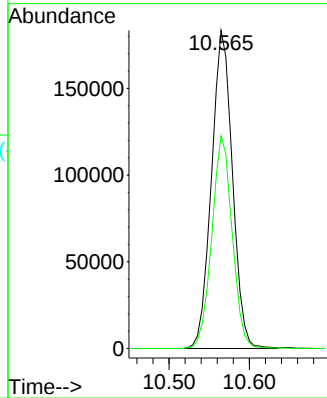
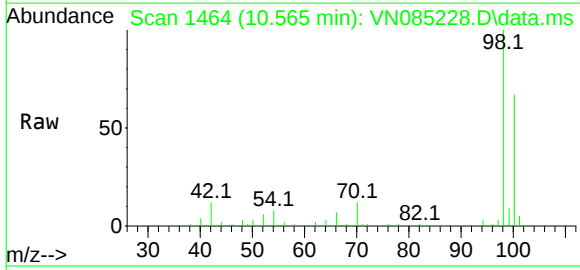
TB-20241216

Tgt Ion: 98 Resp: 331981

Ion Ratio Lower Upper

98 100

100 65.2 52.5 78.7



#62

4-Bromofluorobenzene

Concen: 45.848 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085228.D

Acq: 17 Dec 2024 16:45

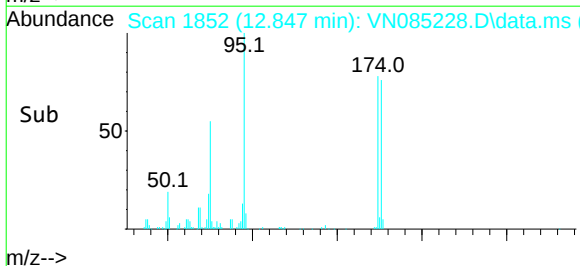
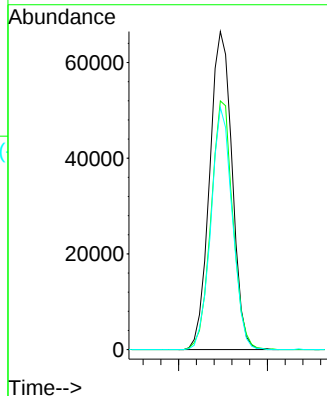
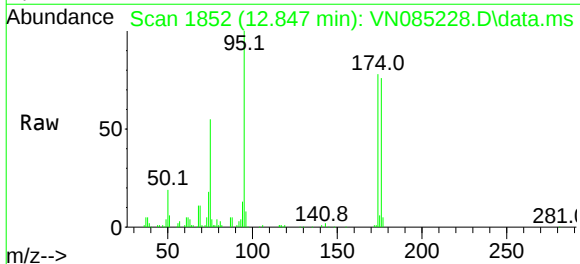
Tgt Ion: 95 Resp: 117008

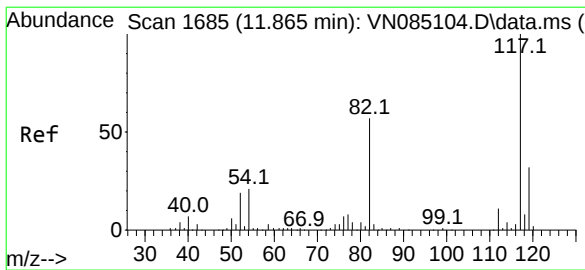
Ion Ratio Lower Upper

95 100

174 75.9 0.0 146.6

176 72.2 0.0 141.8

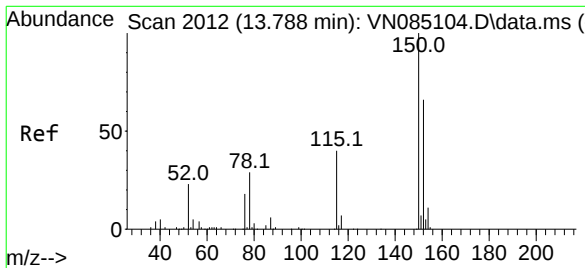
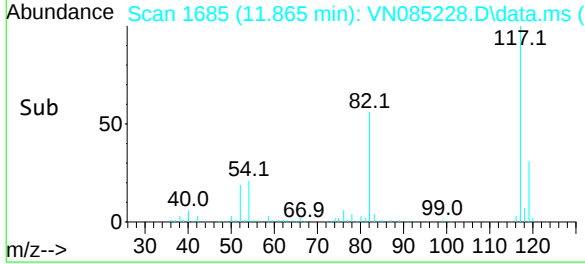
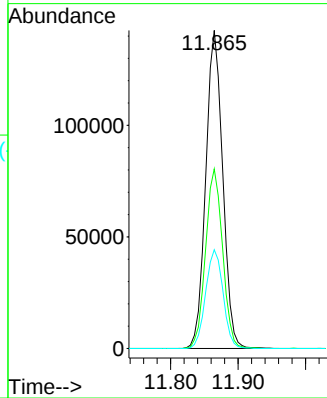
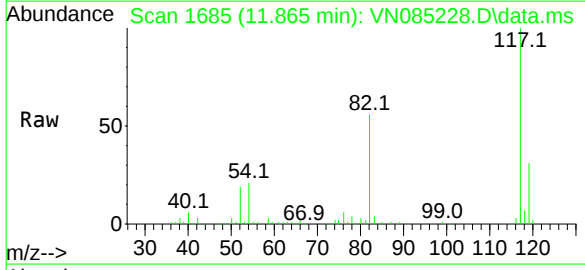




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.006 min
Lab File: VN085228.D
Acq: 17 Dec 2024 16:45

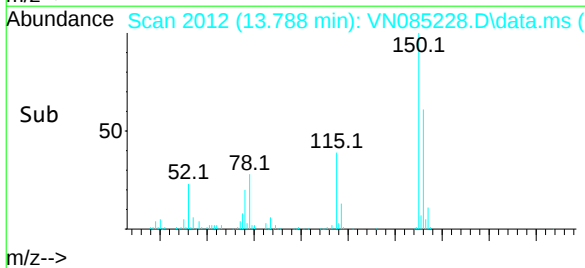
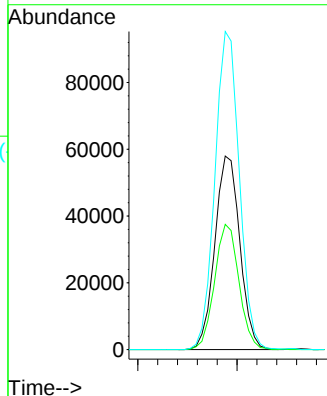
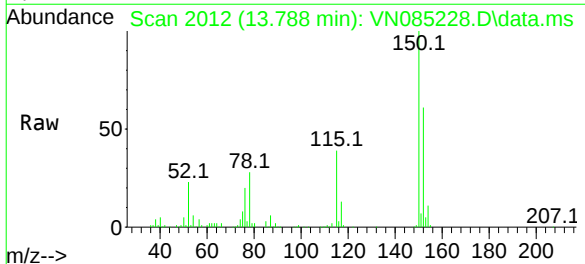
Instrument :
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ClientSampleId :
TB-20241216

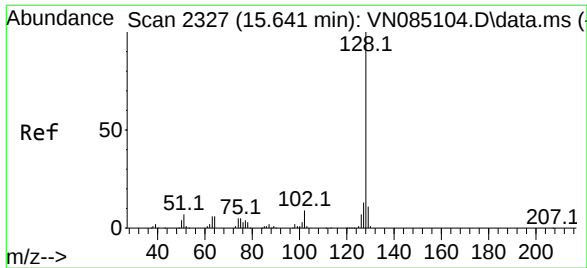
Tgt Ion:	117	Resp:	248528
Ion	Ratio	Lower	Upper
117	100		
82	56.5	46.0	69.0
119	31.1	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085228.D
Acq: 17 Dec 2024 16:45

Tgt Ion:	152	Resp:	101465
Ion	Ratio	Lower	Upper
152	100		
115	63.0	31.7	95.1
150	160.3	0.0	351.4





#95
Naphthalene
Concen: 4.228 ug/l
RT: 15.641 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN085228.D
Acq: 17 Dec 2024 16:45

Instrument :
MSVOA_N
ClientSampleId :
TB-20241216

Tgt Ion:	128	Resp:	23819
Ion	Ratio	Lower	Upper
128	100		
127	11.8	10.6	16.0
129	10.7	8.6	12.8

