

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010925\
 Data File : VN085408.D
 Acq On : 09 Jan 2025 14:51
 Operator : JC\MD
 Sample : Q1038-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 250108055-07-TRIP-BLANK

Quant Time: Jan 10 00:21:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122724W.M
 Quant Title : SW846 8260
 QLast Update : Sat Dec 28 01:36:16 2024
 Response via : Initial Calibration

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

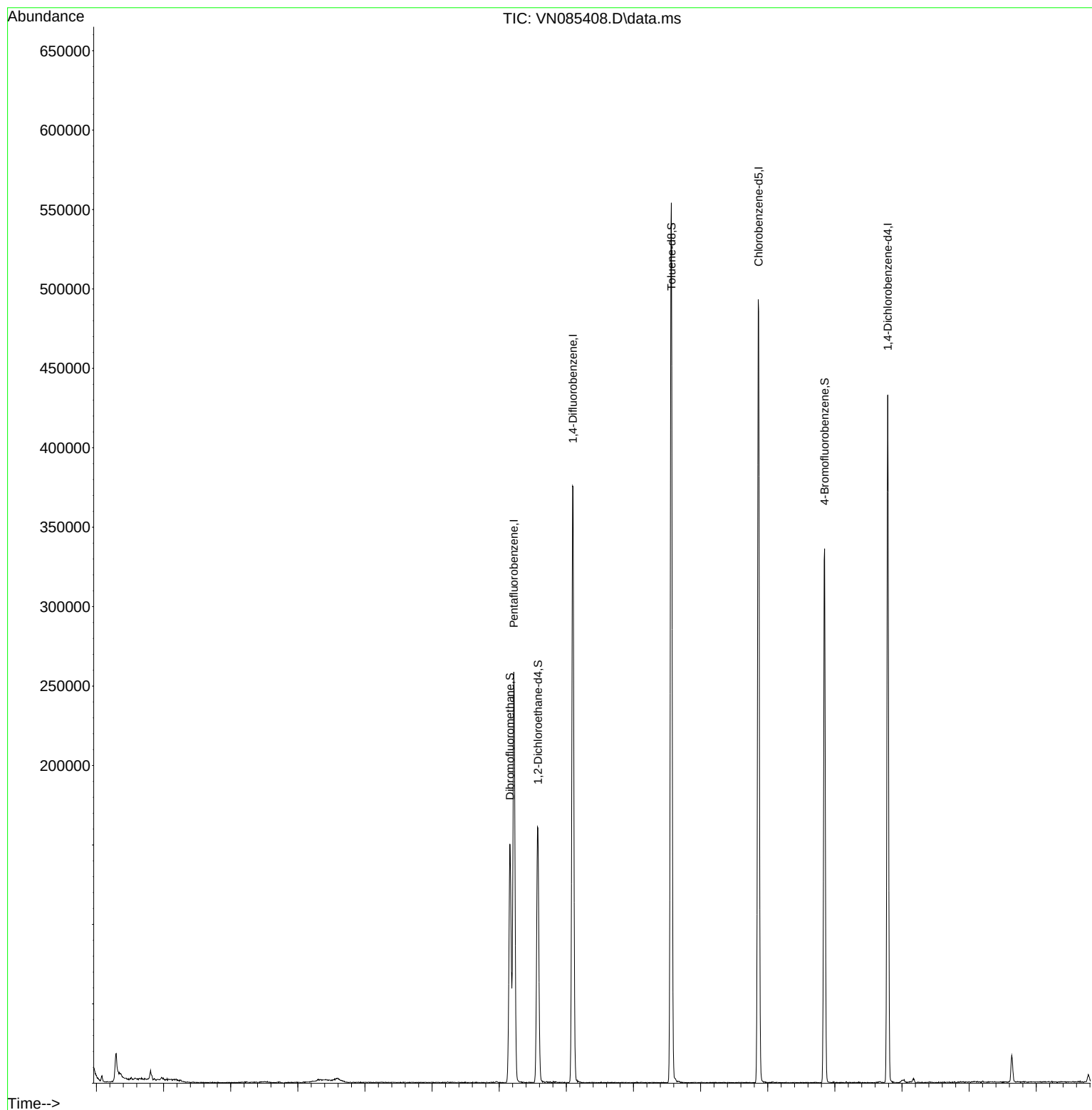
Internal Standards						
1) Pentafluorobenzene	8.218	168	171912	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	317940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	276650	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	109684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	136537	55.685	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 111.360%			
35) Dibromofluoromethane	8.159	113	104519	52.695	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.380%			
50) Toluene-d8	10.565	98	378242	51.967	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.940%			
62) 4-Bromofluorobenzene	12.847	95	114597	47.408	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.820%			
Target Compounds						
95) Naphthalene	15.635	128	15753	2.758	ug/l	Qvalue 100

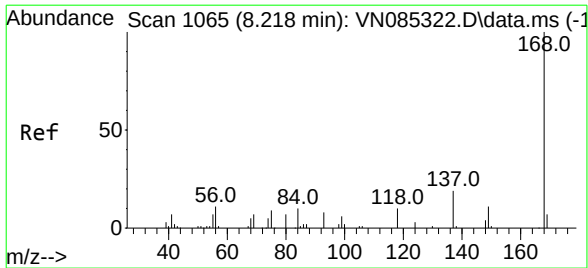
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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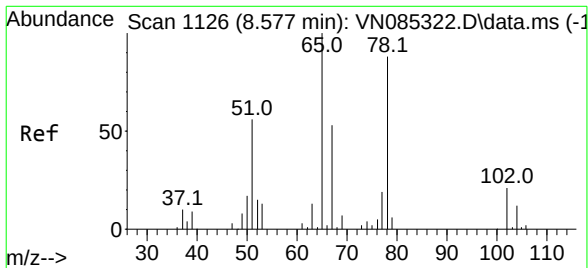
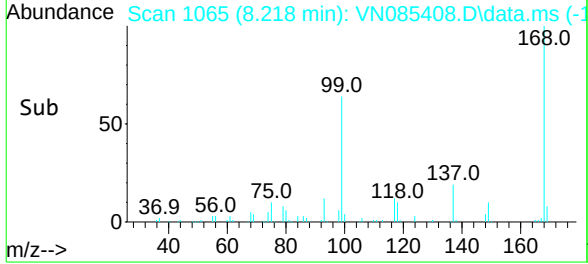
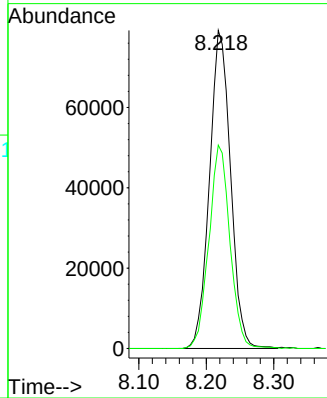
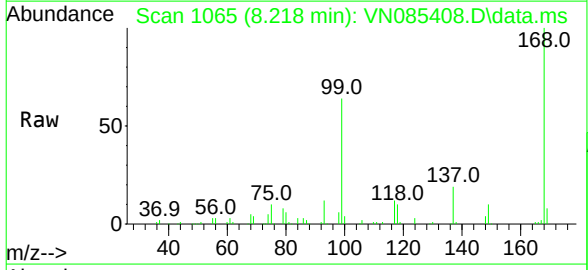




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

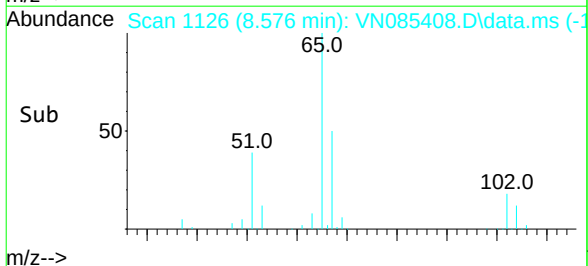
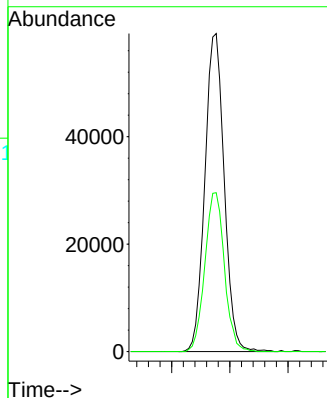
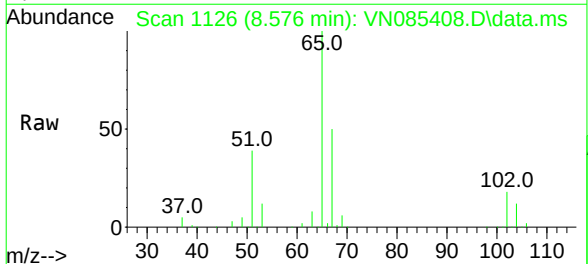
Instrument :
MSVOA_N
ClientSampleId :
250108055-07-TRIP-BLANK

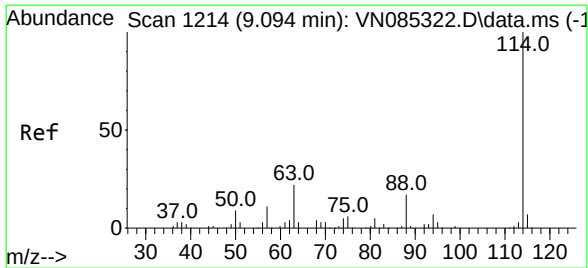
Tgt Ion:168 Resp: 171912
Ion Ratio Lower Upper
168 100
99 63.9 51.0 76.4



#33
1,2-Dichloroethane-d4
Concen: 55.685 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion: 65 Resp: 136537
Ion Ratio Lower Upper
65 100
67 50.6 0.0 104.0

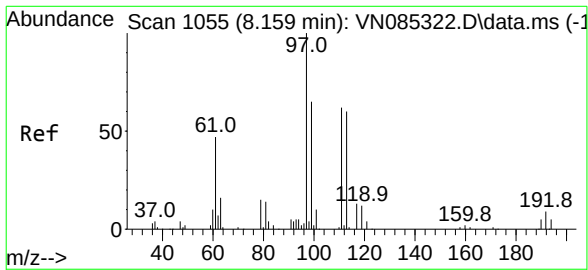
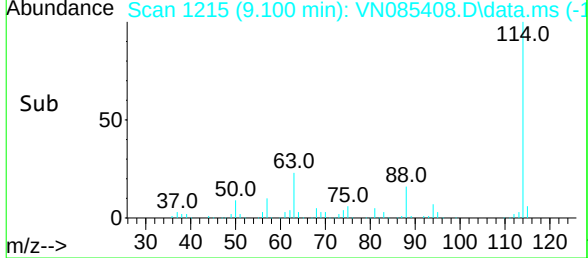
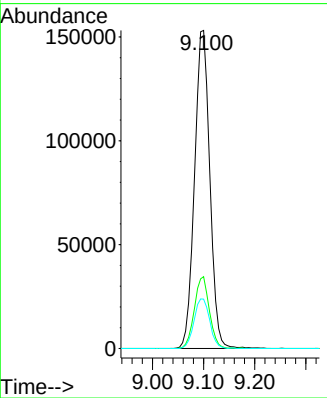
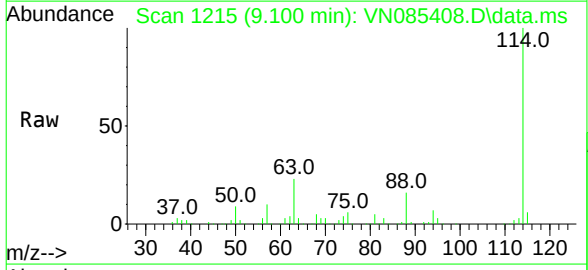




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1214
Delta R.T. 0.006 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

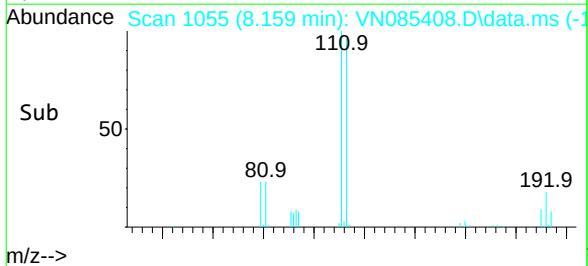
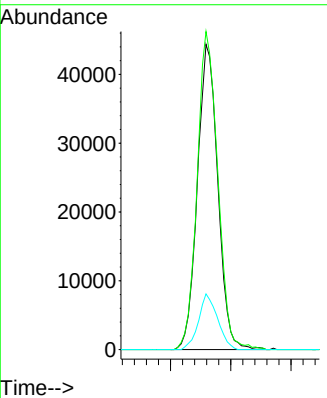
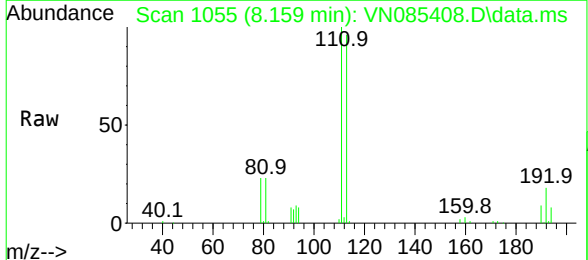
Instrument :
MSVOA_N
ClientSampleId :
250108055-07-TRIP-BLANK

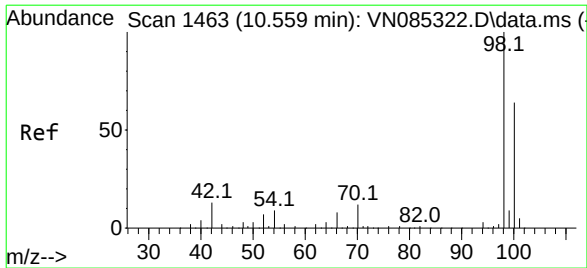
Tgt Ion:	114	Resp:	317940
Ion	Ratio	Lower	Upper
114	100		
63	22.6	0.0	43.4
88	15.5	0.0	33.6



#35
Dibromofluoromethane
Concen: 52.695 ug/l
RT: 8.159 min Scan# 1055
Delta R.T. -0.000 min
Lab File: VN085408.D
Acq: 09 Jan 2025 14:51

Tgt Ion:	113	Resp:	104519
Ion	Ratio	Lower	Upper
113	100		
111	105.0	80.5	120.7
192	17.0	12.9	19.3





#50

Toluene-d8

Concen: 51.967 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.006 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

Instrument :

MSVOA_N

ClientSampleId :

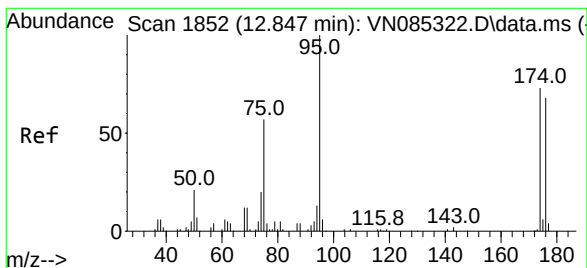
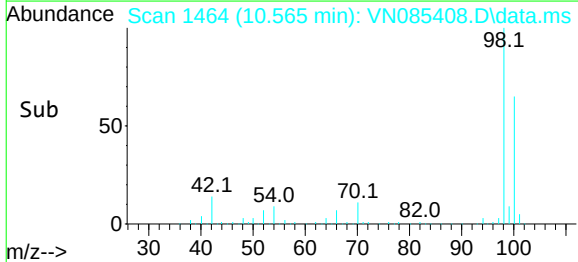
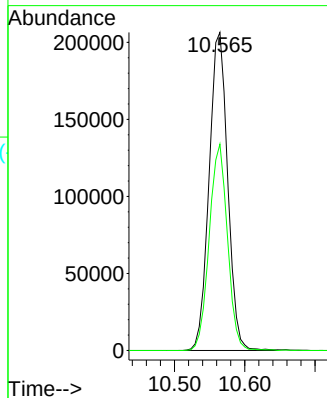
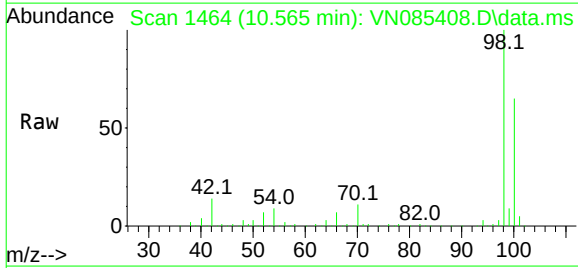
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Tgt Ion: 98 Resp: 378242

Ion Ratio Lower Upper

98 100

100 63.8 51.5 77.3



#62

4-Bromofluorobenzene

Concen: 47.408 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

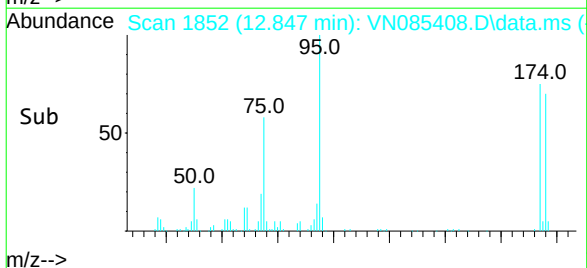
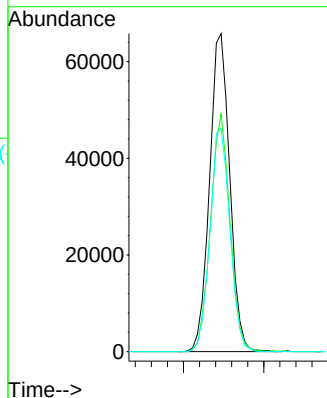
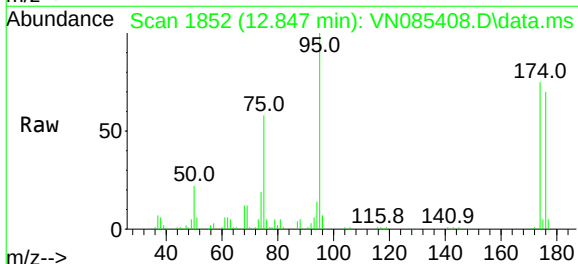
Tgt Ion: 95 Resp: 114597

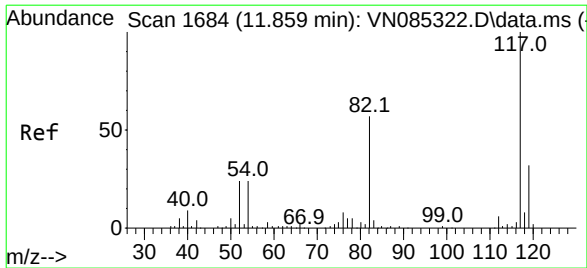
Ion Ratio Lower Upper

95 100

174 72.0 0.0 143.2

176 69.3 0.0 135.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 16

Delta R.T. 0.006 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

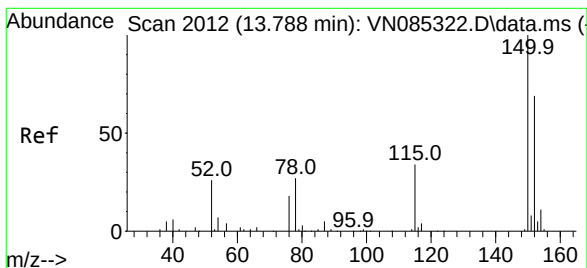
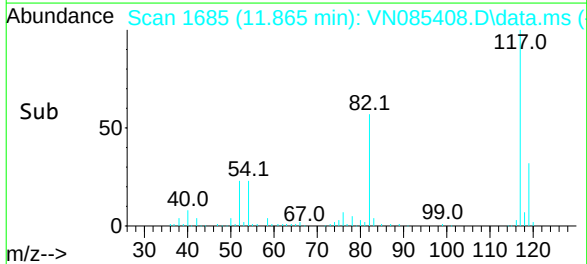
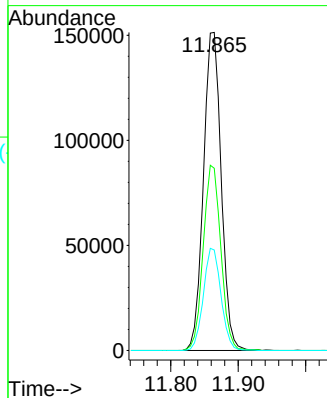
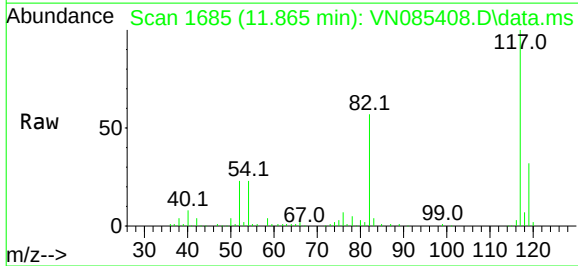
Instrument :

MSVOA_N

ClientSampleId :

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Tgt Ion:	117	Resp:	276650
Ion	Ratio	Lower	Upper
117	100		
82	57.3	45.7	68.5
119	31.6	25.8	38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

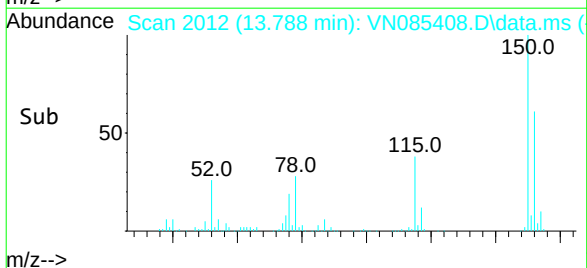
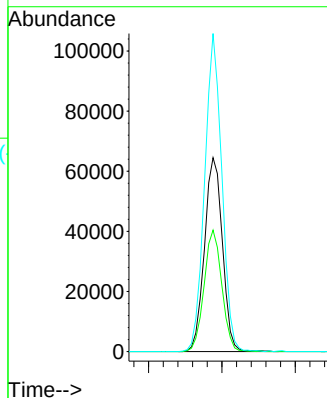
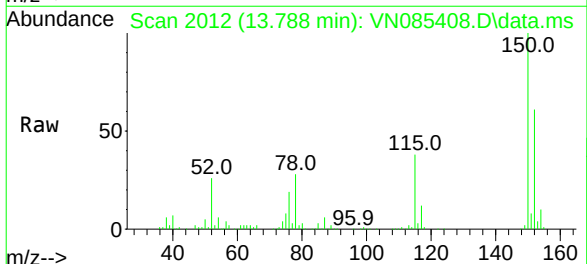
RT: 13.788 min Scan# 2012

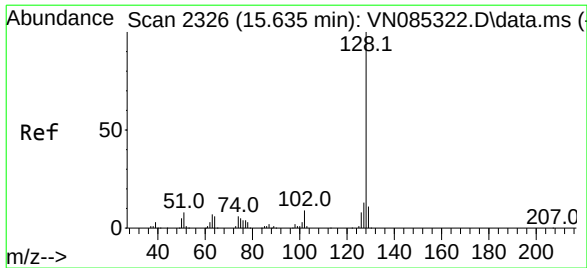
Delta R.T. -0.000 min

Lab File: VN085408.D

Acq: 09 Jan 2025 14:51

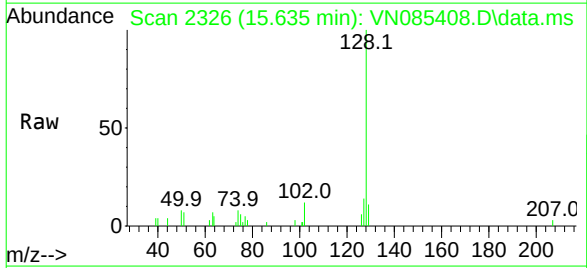
Tgt Ion:	152	Resp:	109684
Ion	Ratio	Lower	Upper
152	100		
115	61.7	30.4	91.3
150	156.7	0.0	345.0





#95
Naphthalene
Concen: 2.758 ug/l
RT: 15.635 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN085408.D
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ClientSampleId :
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Tgt Ion:128 Resp: 15753
Ion Ratio Lower Upper
128 100
127 13.2 10.6 16.0
129 10.9 8.5 12.7

