

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121024\
 Data File : VN085161.D
 Acq On : 10 Dec 2024 13:04
 Operator : JC\MD
 Sample : P5174-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ROLL-OFF-COMP

Quant Time: Dec 11 04:14:06 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)

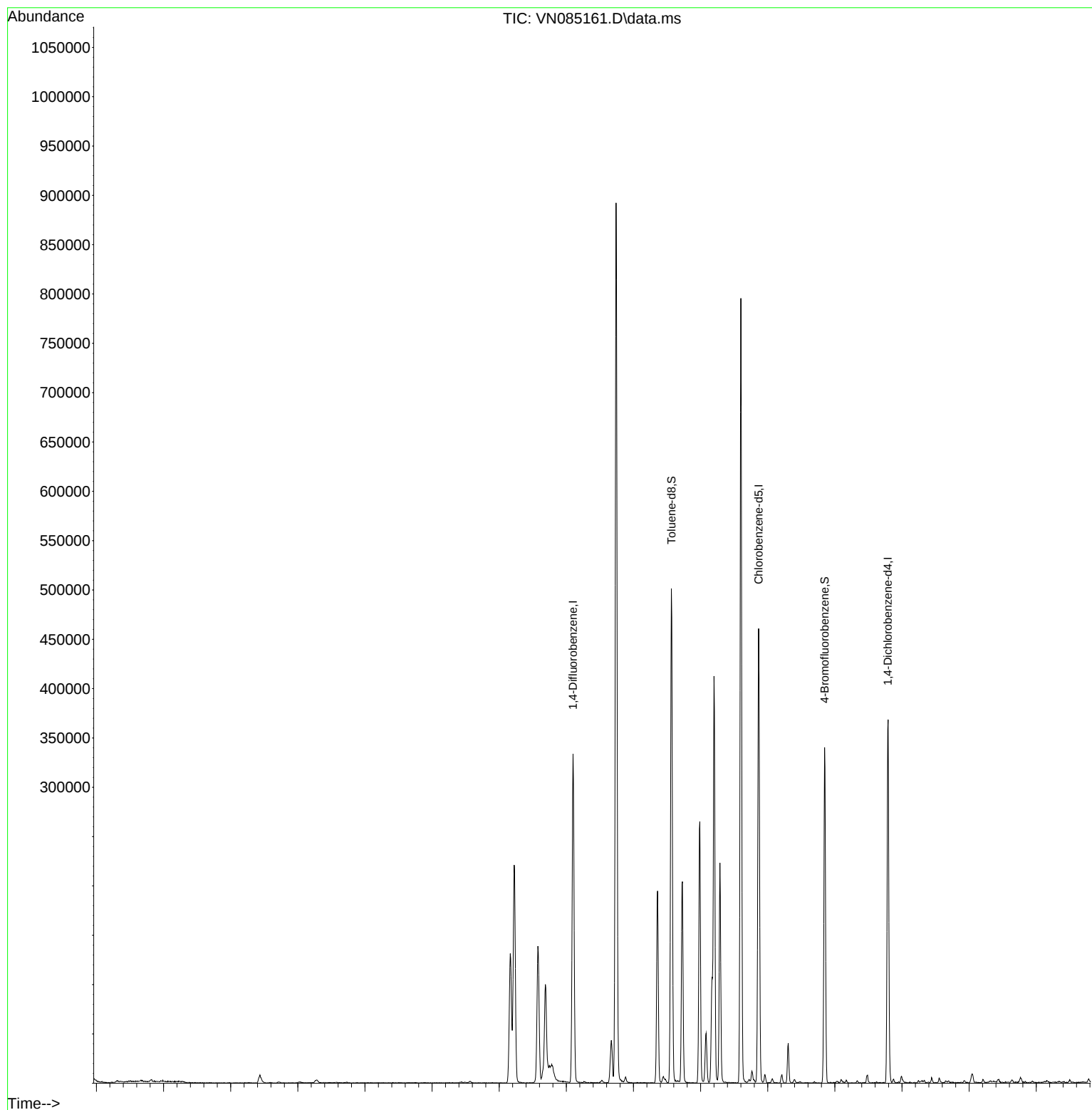
Internal Standards						
1) Pentafluorobenzene	8.224	168	155910	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	285483	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	262088	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101244	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115082	51.819	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 103.640%			
35) Dibromofluoromethane	8.165	113	94769	49.226	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.460%			
50) Toluene-d8	10.565	98	346674	50.246	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.500%			
62) 4-Bromofluorobenzene	12.847	95	117683	45.610	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 91.220%			
Target Compounds						
16) Acetone	4.436	43	15216	23.525	ug/l	97
20) Methylene Chloride	5.277	84	2257	1.144	ug/l #	89
43) Isopropyl Acetate	8.688	43	119214	24.210	ug/l #	87

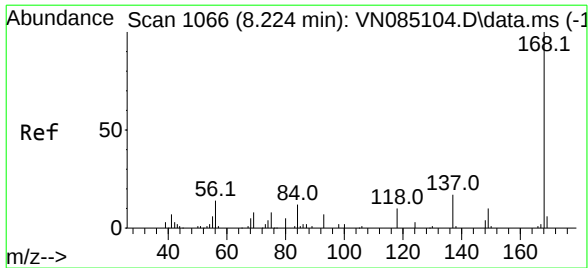
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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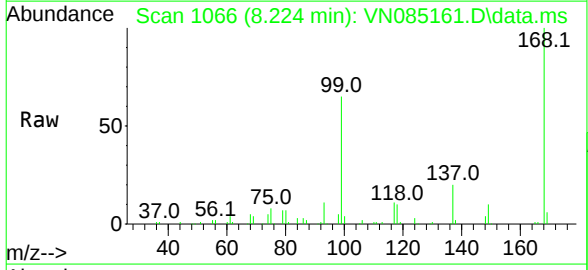
Quant Time: Dec 11 04:14:06 2024
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Quant Title : SW846 8260
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Response via : Initial Calibration



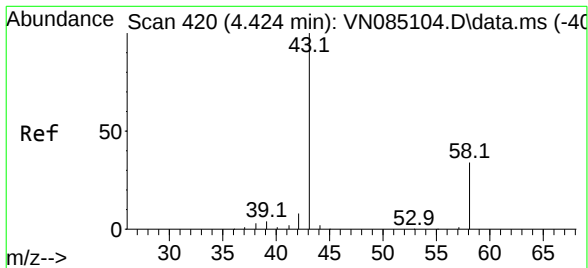
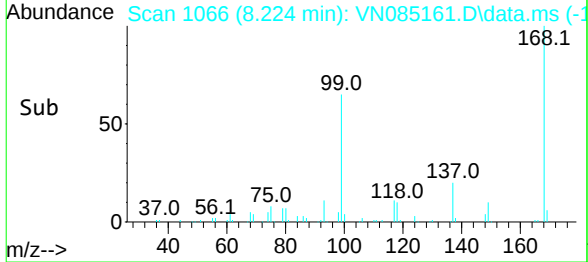
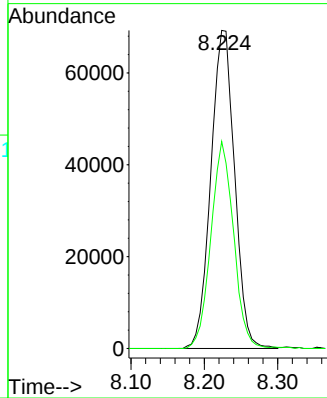


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085161.D
Acq: 10 Dec 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP

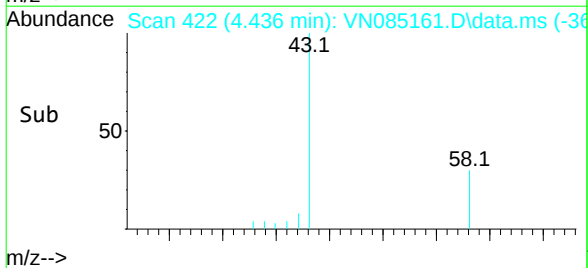
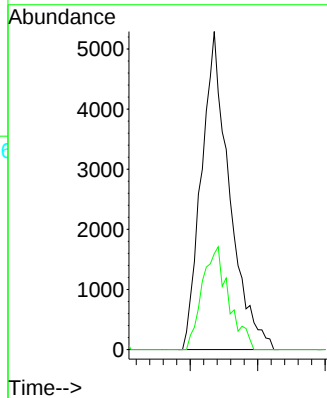
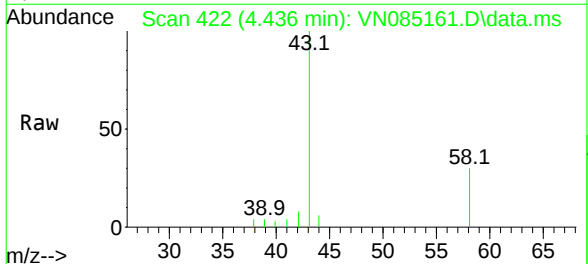


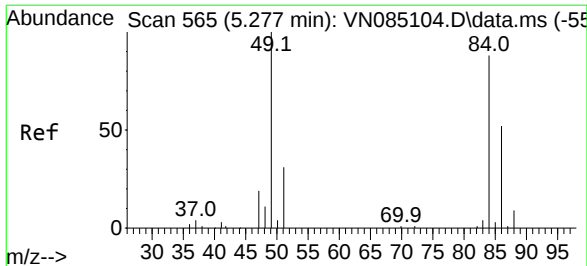
Tgt Ion:168 Resp: 155910
Ion Ratio Lower Upper
168 100
99 65.1 51.2 76.8



#16
Acetone
Concen: 23.525 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085161.D
Acq: 10 Dec 2024 13:04

Tgt Ion: 43 Resp: 15216
Ion Ratio Lower Upper
43 100
58 30.1 25.4 38.2





#20

Methylene Chloride

Concen: 1.144 ug/l

RT: 5.277 min Scan# 565

Delta R.T. 0.012 min

Lab File: VN085161.D

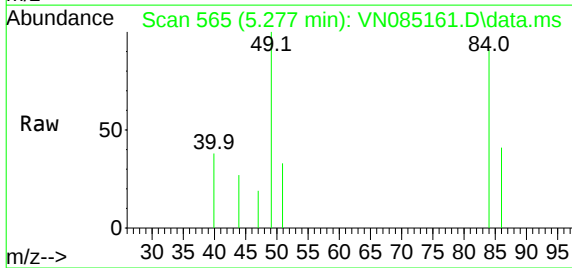
Acq: 10 Dec 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

ROLL-OFF-COMP



Tgt Ion: 84 Resp: 2257

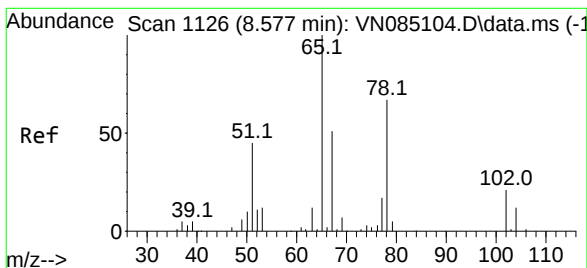
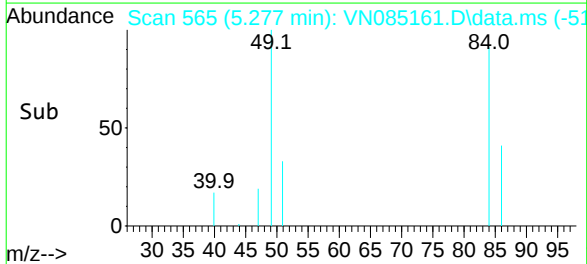
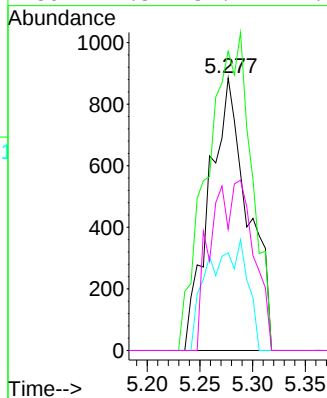
Ion Ratio Lower Upper

84 100

49 109.8 92.7 139.1

51 35.8 29.4 44.2

86 44.5 51.9 77.9#



#33

1,2-Dichloroethane-d4

Concen: 51.819 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085161.D

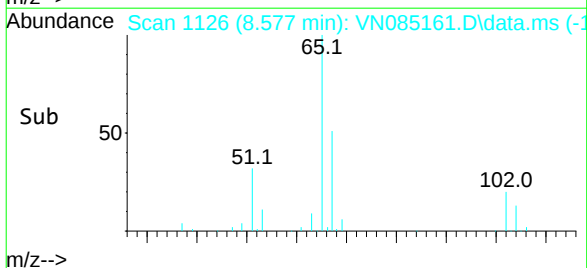
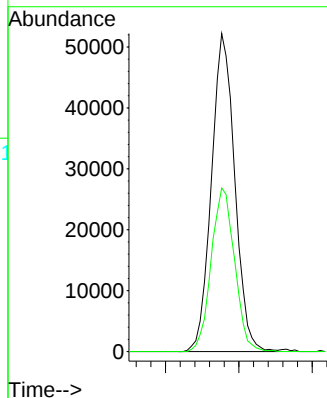
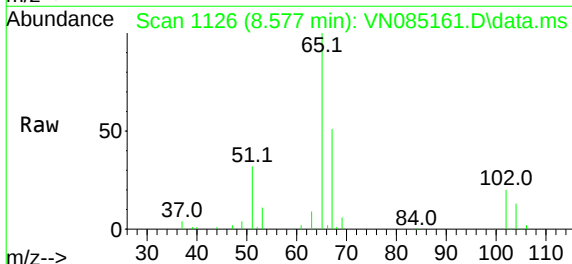
Acq: 10 Dec 2024 13:04

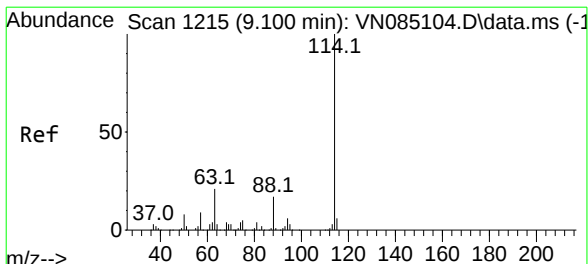
Tgt Ion: 65 Resp: 115082

Ion Ratio Lower Upper

65 100

67 51.6 0.0 105.0

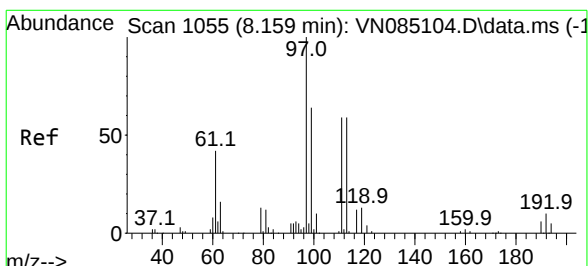
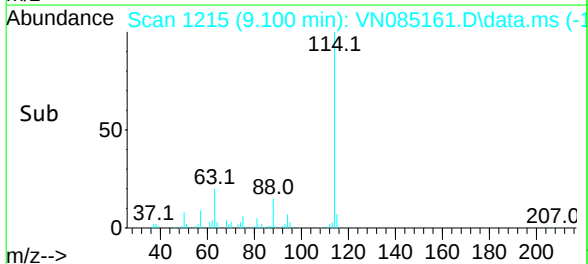
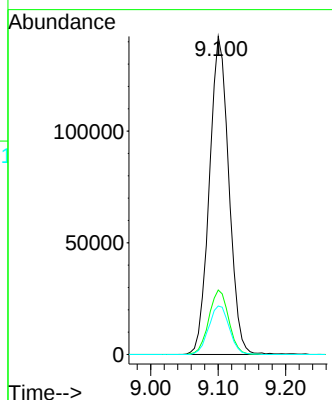
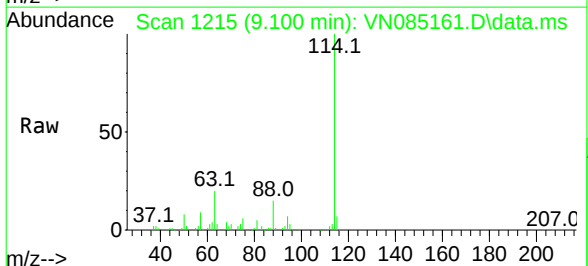




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.006 min
 Lab File: VN085161.D
 Acq: 10 Dec 2024 13:04

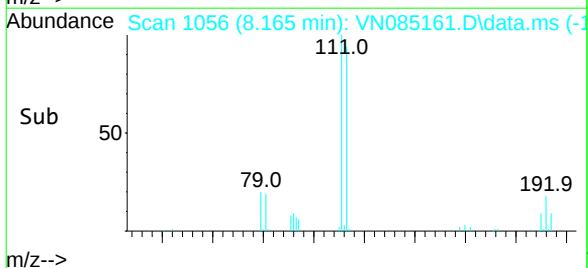
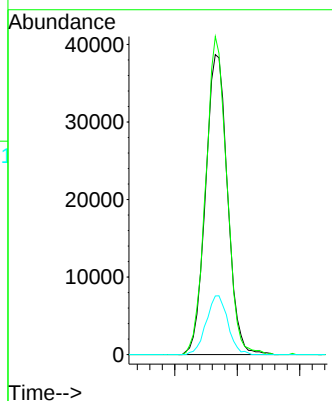
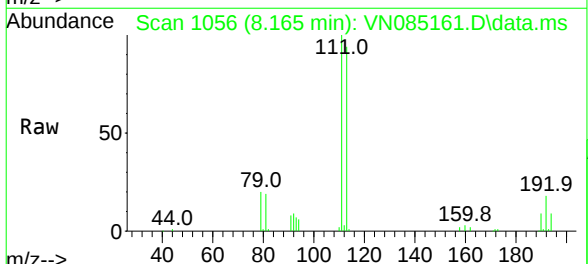
Instrument :
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 ROLL-OFF-COMP

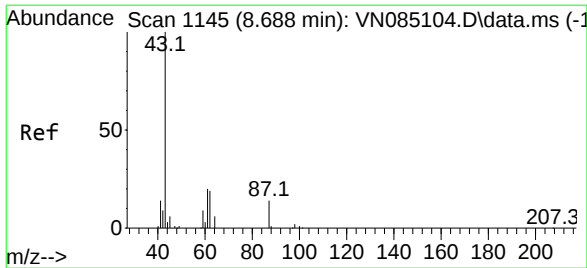
Tgt Ion:	114	Resp:	285483
Ion	Ratio	Lower	Upper
114	100		
63	20.3	0.0	41.0
88	15.2	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 49.226 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085161.D
 Acq: 10 Dec 2024 13:04

Tgt Ion:	113	Resp:	94769
Ion	Ratio	Lower	Upper
113	100		
111	101.7	82.0	123.0
192	19.2	14.8	22.2

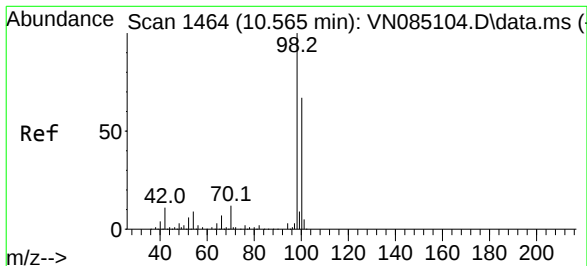
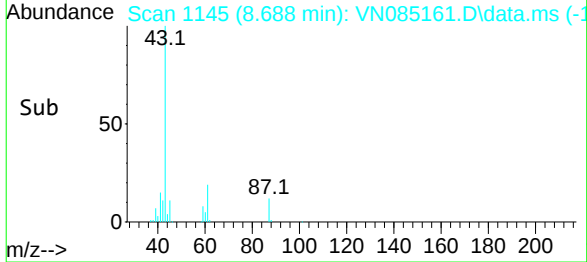
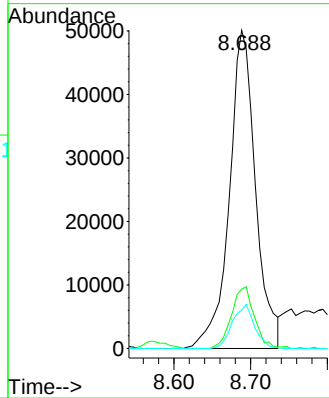
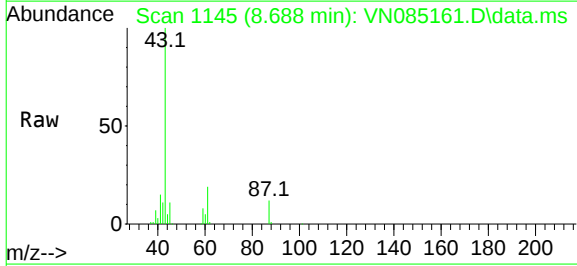




#43
Isopropyl Acetate
Concen: 24.210 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.006 min
Lab File: VN085161.D
Acq: 10 Dec 2024 13:04

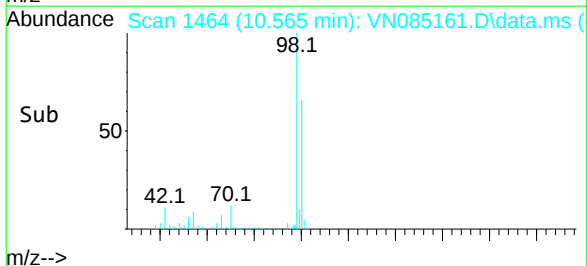
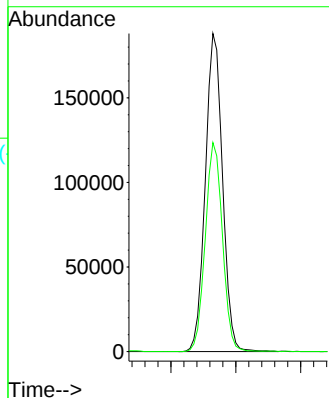
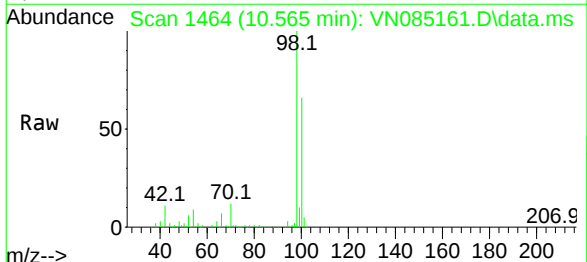
Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP

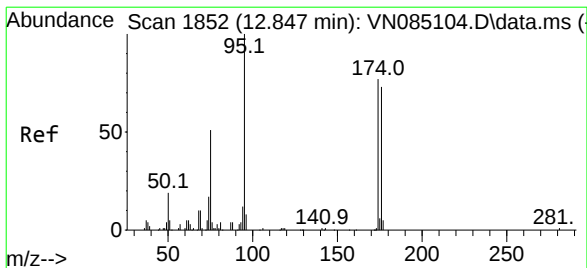
Tgt Ion: 43 Resp: 119214
Ion Ratio Lower Upper
43 100
61 16.9 20.6 30.8#
87 11.6 11.0 16.4



#50
Toluene-d8
Concen: 50.246 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085161.D
Acq: 10 Dec 2024 13:04

Tgt Ion: 98 Resp: 346674
Ion Ratio Lower Upper
98 100
100 65.6 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 45.610 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085161.D

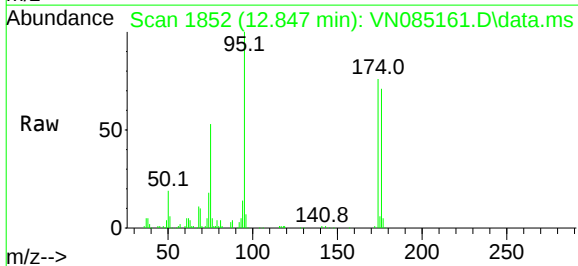
Acq: 10 Dec 2024 13:04

Instrument :

MSVOA_N

ClientSampleId :

ROLL-OFF-COMP



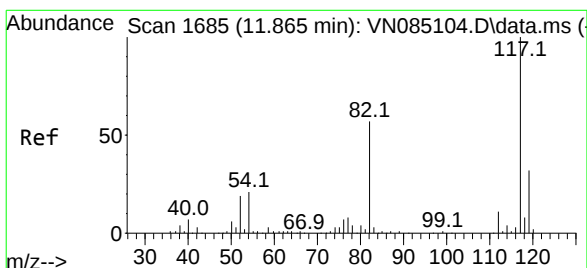
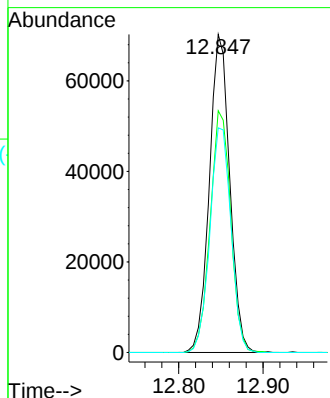
Tgt Ion: 95 Resp: 117683

Ion Ratio Lower Upper

95 100

174 76.8 0.0 146.6

176 73.2 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: VN085161.D

Acq: 10 Dec 2024 13:04

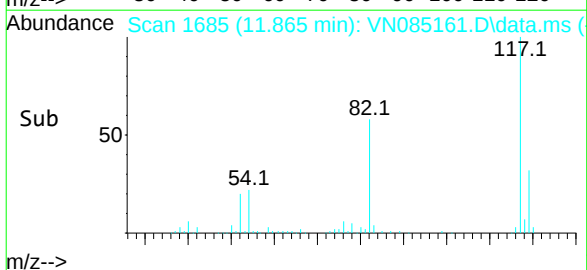
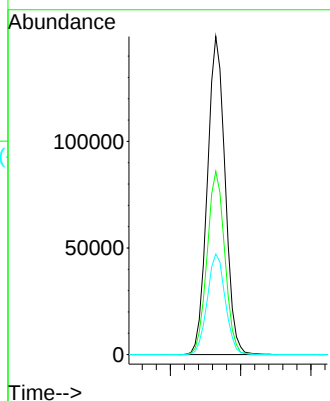
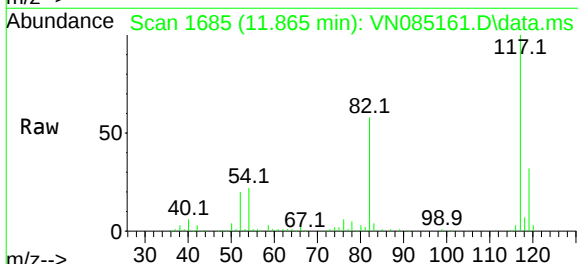
Tgt Ion: 117 Resp: 262088

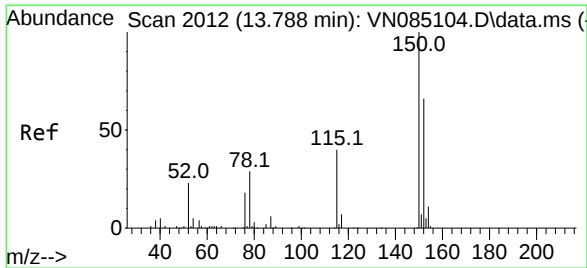
Ion Ratio Lower Upper

117 100

82 57.6 46.0 69.0

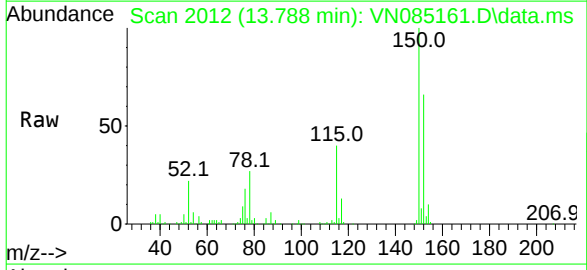
119 31.6 25.6 38.4





1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 20
Delta R.T. -0.000 min
Lab File: VN085161.D
Acq: 10 Dec 2024 13:04

Instrument :
MSVOA_N
ClientSampleId :
ROLL-OFF-COMP



Tgt Ion:	152	Resp:	101244
Ion	Ratio	Lower	Upper
152	100		
115	61.0	31.7	95.1
150	158.2	0.0	351.4

