

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085226.D
 Acq On : 17 Dec 2024 15:56
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Dec 18 00:27:38 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)

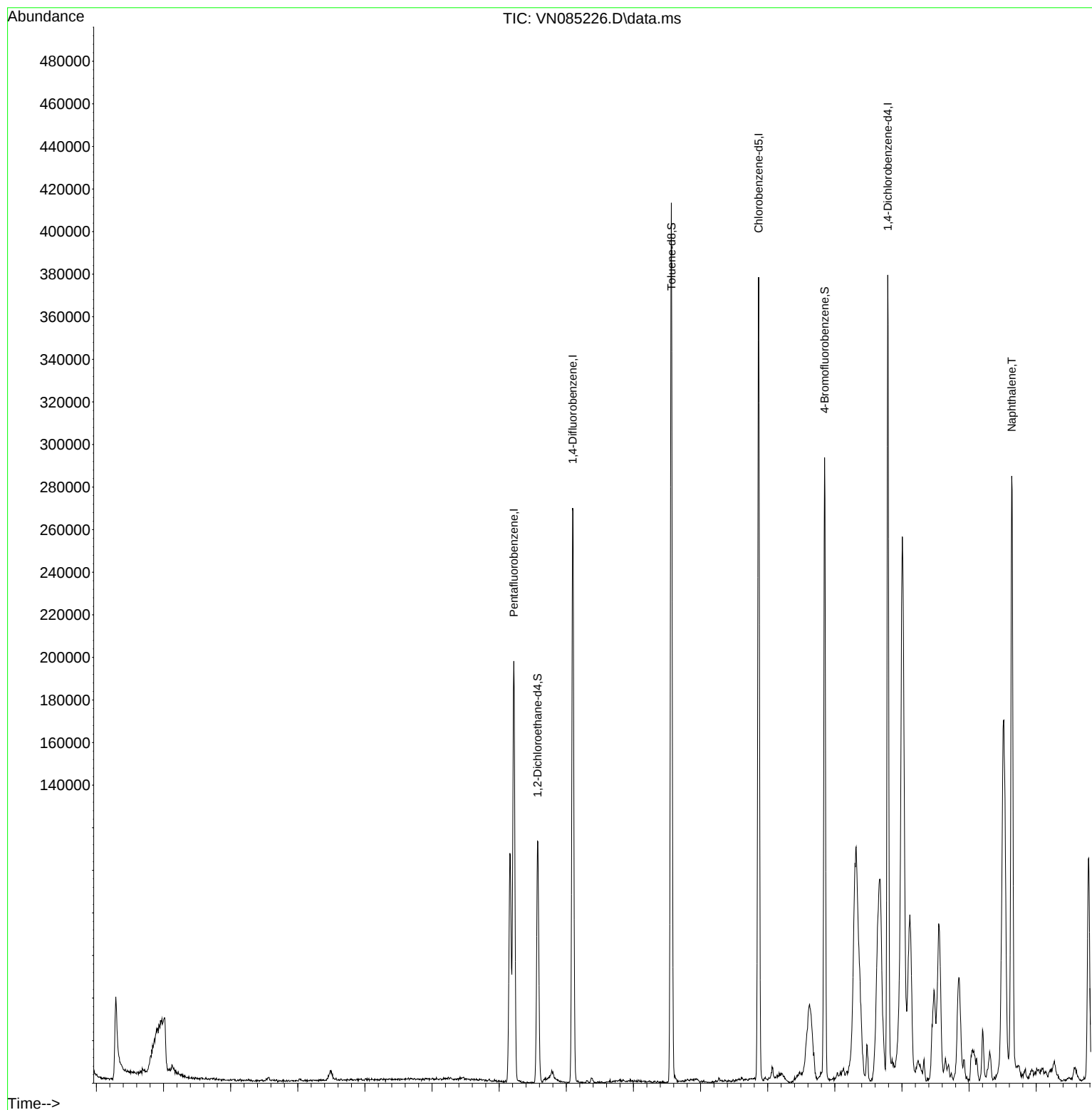
Internal Standards						
1) Pentafluorobenzene	8.218	168	142514	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.094	114	233387	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	215690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	101155	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	95279	46.935	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	93.880%		
35) Dibromofluoromethane	8.159	113	76698	48.732	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.460%		
50) Toluene-d8	10.565	98	284551	50.448	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.900%		
62) 4-Bromofluorobenzene	12.847	95	105002	49.780	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.560%		
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.571	142	3723	1.736	ug/l #	92
67) Ethyl Benzene	11.953	91	1666	0.210	ug/l #	83
68) m/p-Xylenes	12.071	106	1731	0.573	ug/l	87
78) n-propylbenzene	13.035	91	2013	0.245	ug/l	80
84) 1,2,4-Trimethylbenzene	13.482	105	9157	1.486	ug/l	98
95) Naphthalene	15.635	128	278307	49.554	ug/l	99

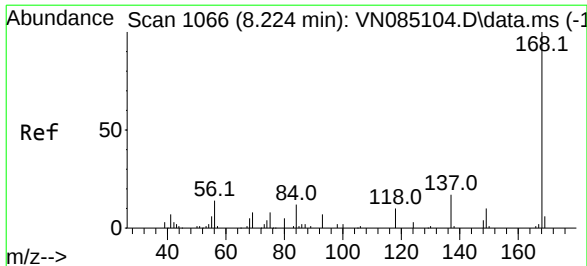
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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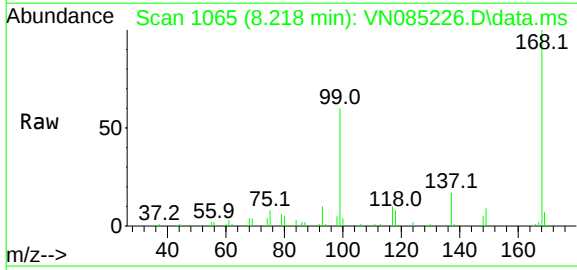
Quant Time: Dec 18 00:27:38 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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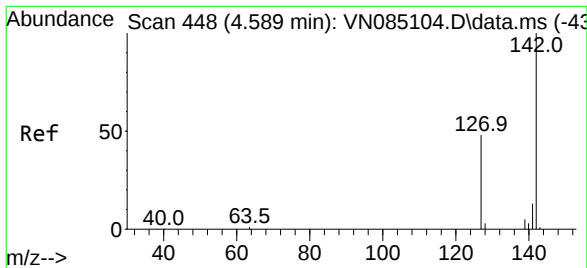
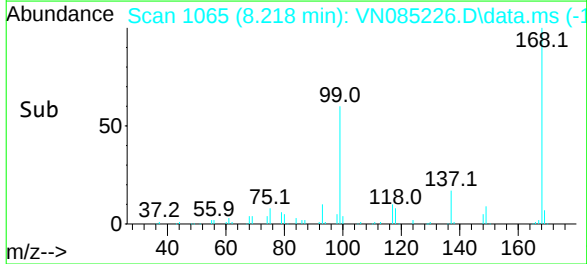
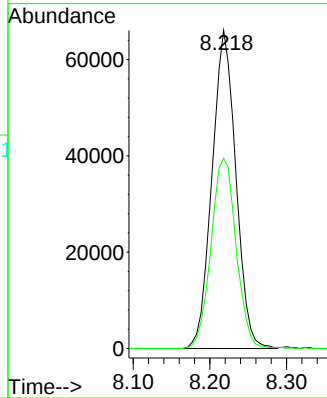


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN085226.D
Acq: 17 Dec 2024 15:56

Instrument :
MSVOA_N
ClientSampleId :
IBLK

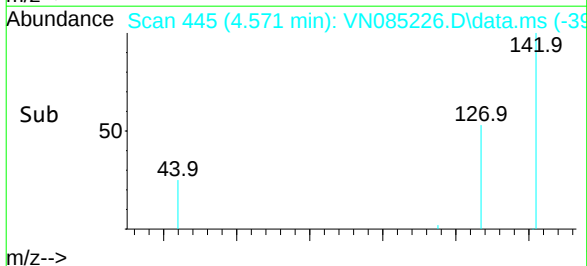
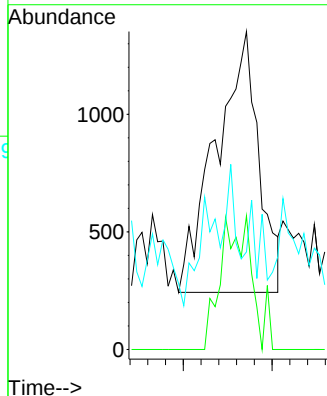
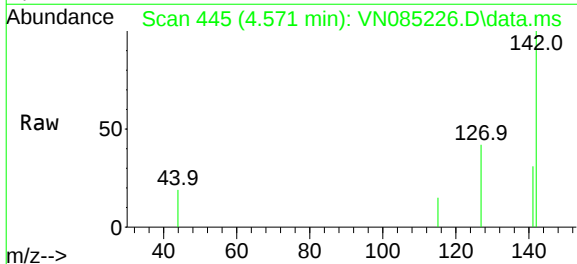


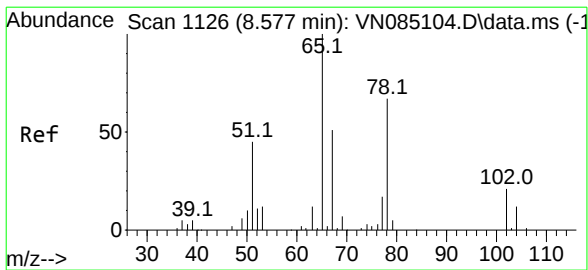
Tgt Ion:168 Resp: 142514
Ion Ratio Lower Upper
168 100
99 59.9 51.2 76.8



#10
Methyl Iodide
Concen: 1.736 ug/l
RT: 4.571 min Scan# 445
Delta R.T. 0.000 min
Lab File: VN085226.D
Acq: 17 Dec 2024 15:56

Tgt Ion:142 Resp: 3723
Ion Ratio Lower Upper
142 100
127 51.2 36.6 54.8
141 12.1 12.2 18.4#

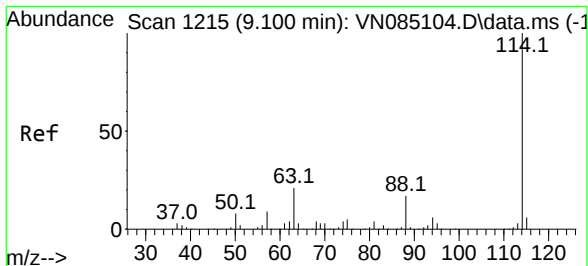
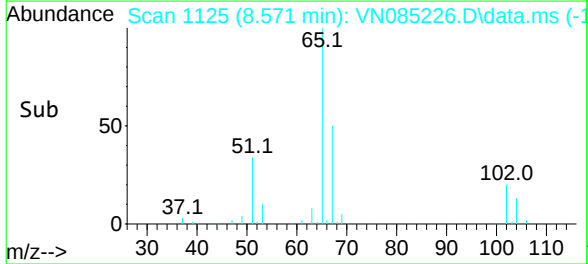
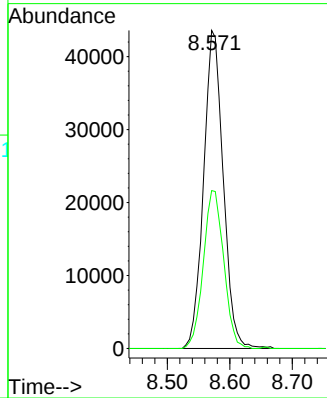
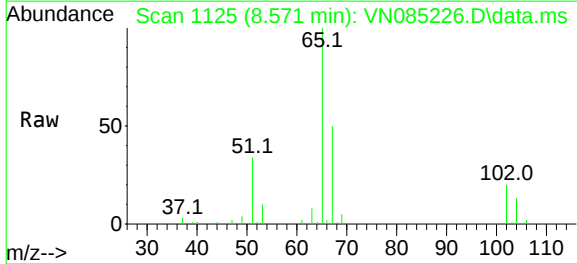




#33
1,2-Dichloroethane-d4
Concen: 46.935 ug/l
RT: 8.571 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN085226.D
Acq: 17 Dec 2024 15:56

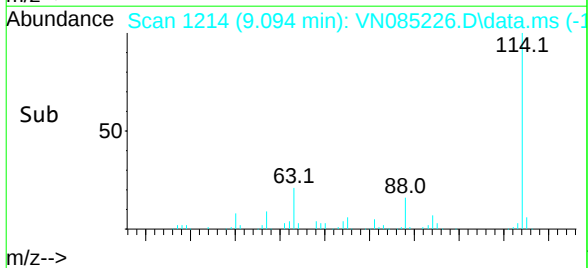
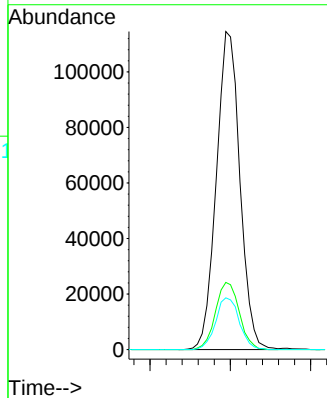
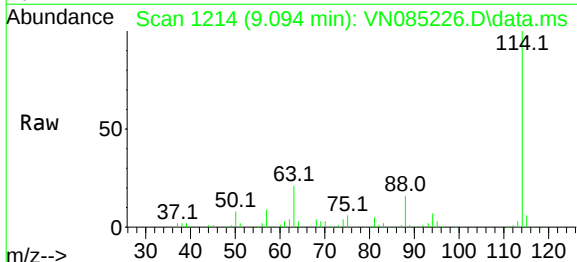
Instrument :
MSVOA_N
ClientSampleId :
IBLK

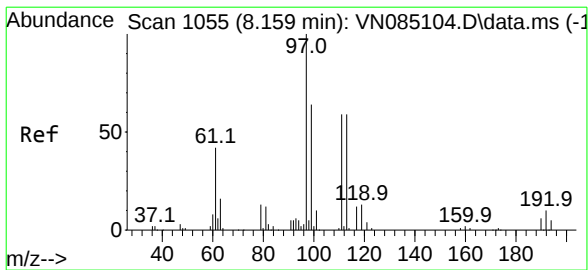
Tgt Ion: 65 Resp: 95279
Ion Ratio Lower Upper
65 100
67 51.5 0.0 105.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.094 min Scan# 1214
Delta R.T. 0.000 min
Lab File: VN085226.D
Acq: 17 Dec 2024 15:56

Tgt Ion: 114 Resp: 233387
Ion Ratio Lower Upper
114 100
63 21.1 0.0 41.0
88 16.3 0.0 34.8





#35

Dibromofluoromethane

Concen: 48.732 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. 0.000 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

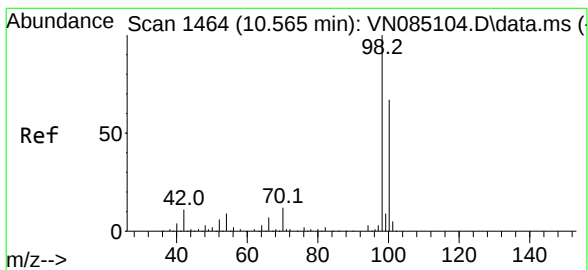
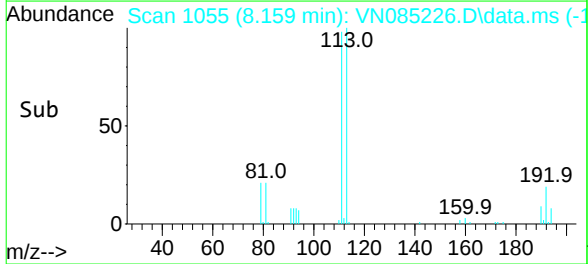
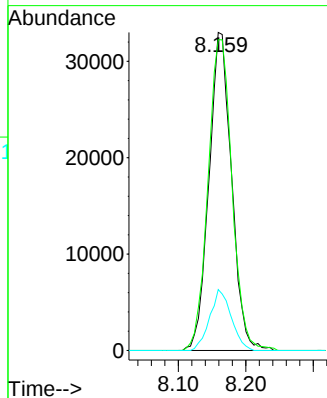
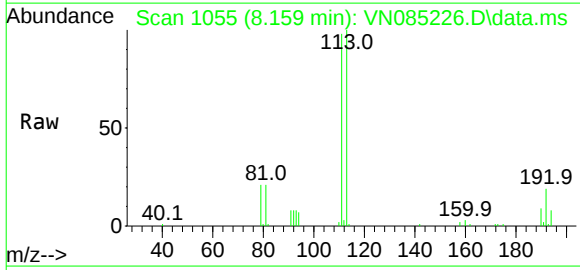
Tgt Ion:113 Resp: 76698

Ion Ratio Lower Upper

113 100

111 103.9 82.0 123.0

192 18.3 14.8 22.2



#50

Toluene-d8

Concen: 50.448 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN085226.D

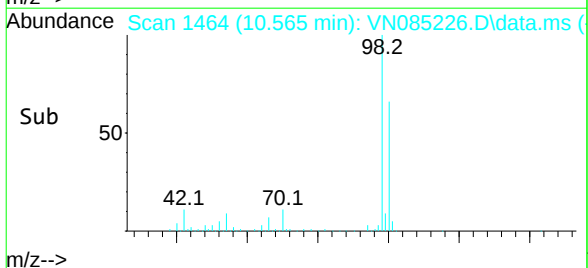
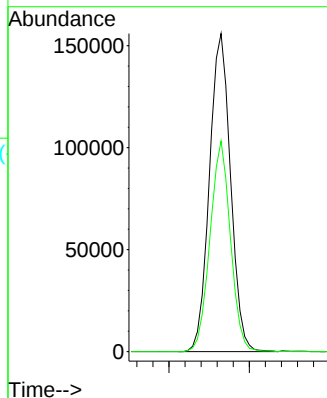
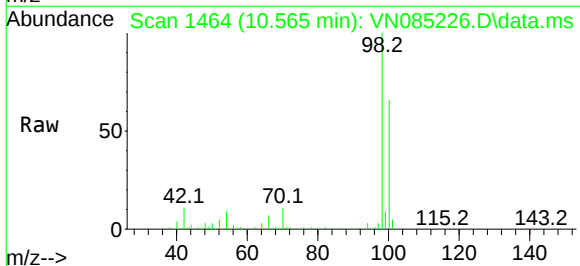
Acq: 17 Dec 2024 15:56

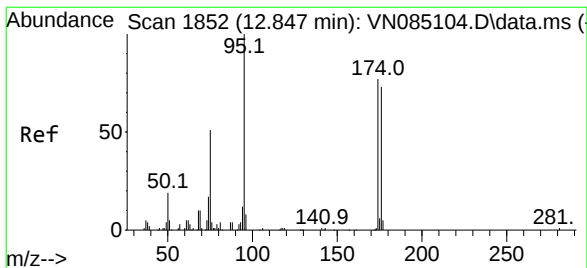
Tgt Ion: 98 Resp: 284551

Ion Ratio Lower Upper

98 100

100 64.0 52.5 78.7





#62

4-Bromofluorobenzene

Concen: 49.780 ug/l

RT: 12.847 min Scan# 18

Delta R.T. 0.000 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

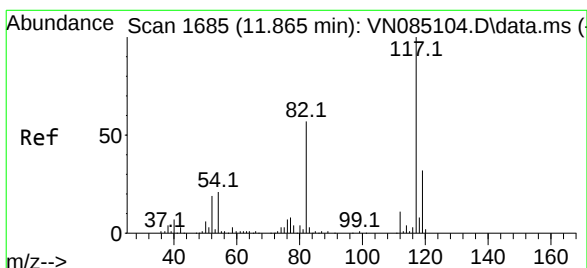
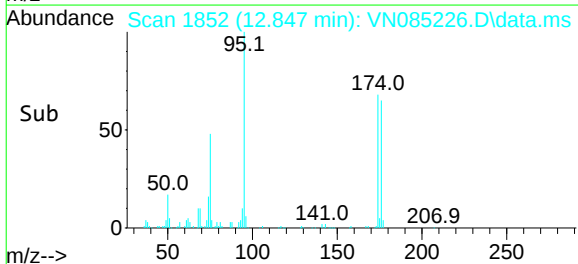
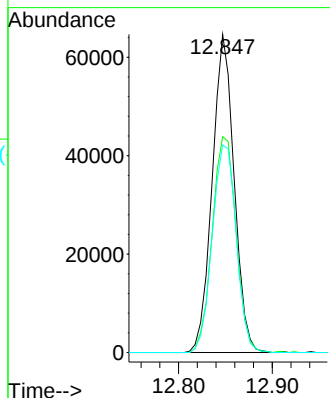
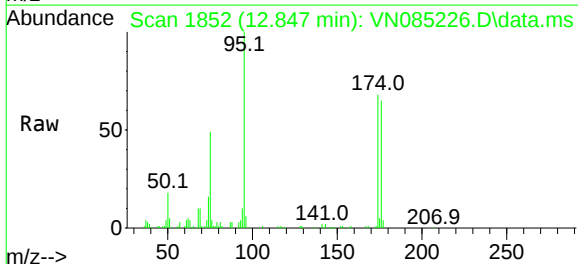
Instrument :

MSVOA_N

ClientSampleId :

IBLK

Tgt Ion:	95	Resp:	105002
Ion	Ratio	Lower	Upper
95	100		
174	73.9	0.0	146.6
176	71.5	0.0	141.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

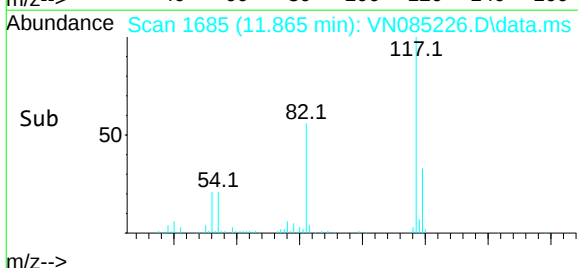
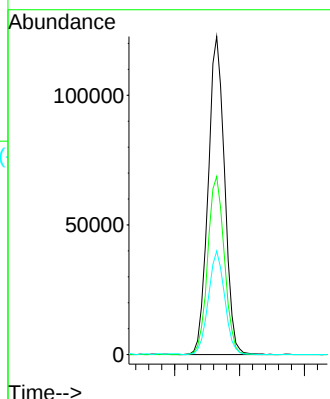
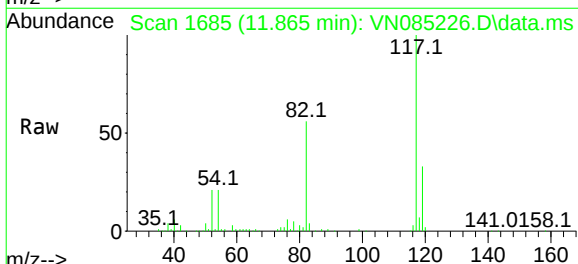
RT: 11.865 min Scan# 1685

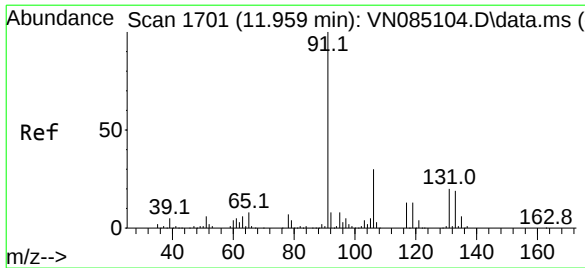
Delta R.T. 0.006 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Tgt Ion:	117	Resp:	215690
Ion	Ratio	Lower	Upper
117	100		
82	56.0	46.0	69.0
119	32.6	25.6	38.4





#67

Ethyl Benzene

Concen: 0.210 ug/l

RT: 11.953 min Scan# 1701

Delta R.T. -0.006 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

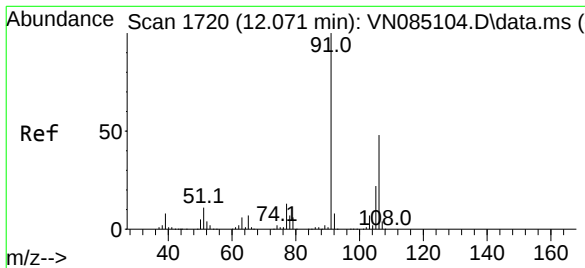
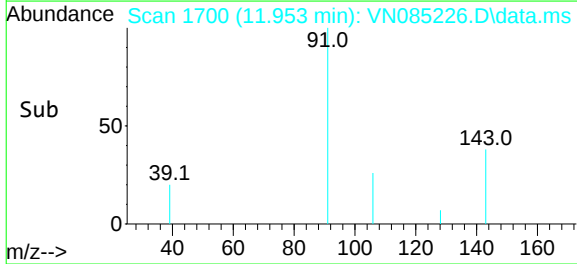
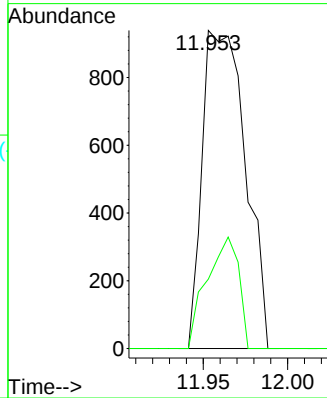
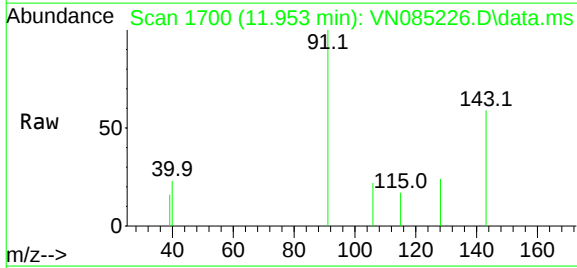
IBLK

Tgt Ion: 91 Resp: 1666

Ion Ratio Lower Upper

91 100

106 21.8 24.7 37.1#



#68

m/p-Xylenes

Concen: 0.573 ug/l

RT: 12.071 min Scan# 1720

Delta R.T. 0.000 min

Lab File: VN085226.D

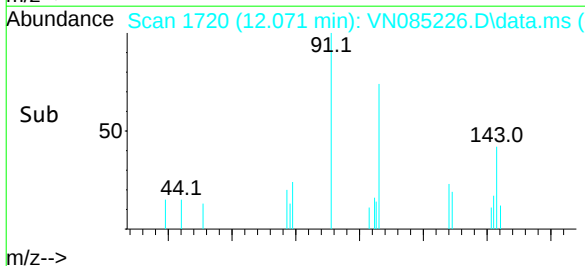
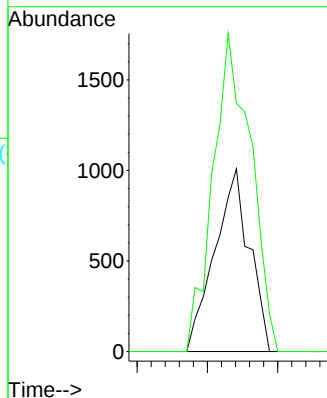
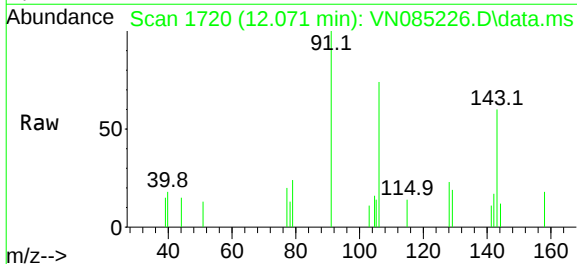
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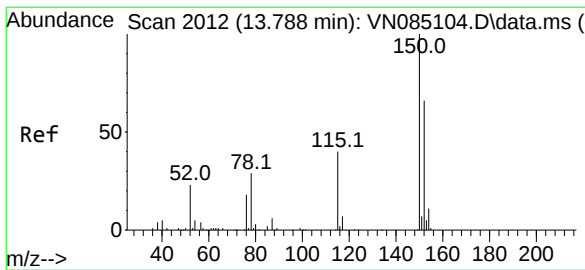
Tgt Ion:106 Resp: 1731

Ion Ratio Lower Upper

106 100

91 189.8 168.0 252.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

IBLK

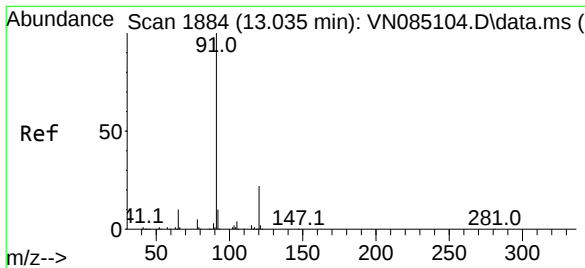
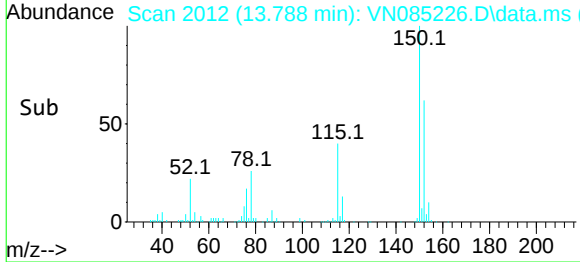
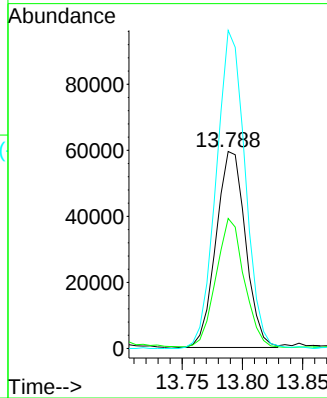
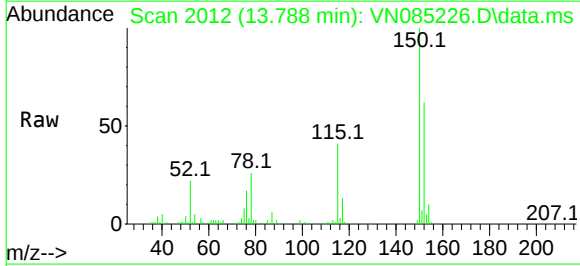
Tgt Ion:152 Resp: 101155

Ion Ratio Lower Upper

152 100

115 63.2 31.7 95.1

150 159.7 0.0 351.4



#78

n-propylbenzene

Concen: 0.245 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN085226.D

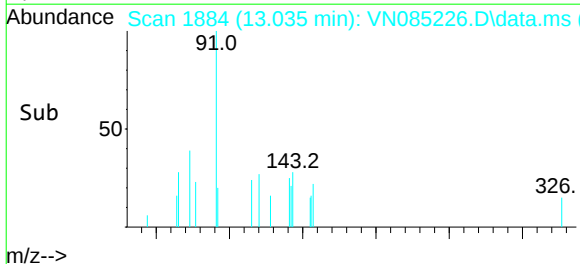
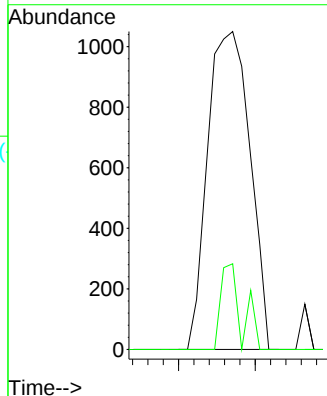
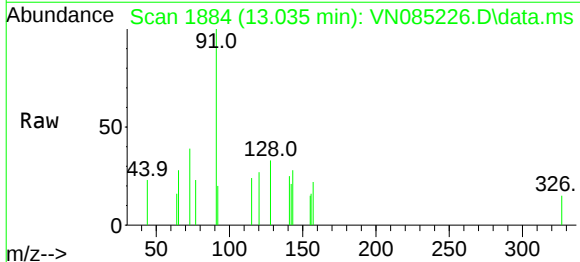
Acq: 17 Dec 2024 15:56

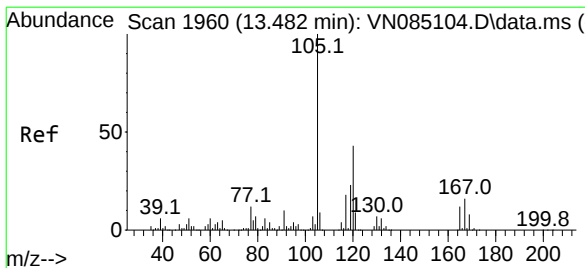
Tgt Ion: 91 Resp: 2013

Ion Ratio Lower Upper

91 100

120 13.1 11.3 33.9





#84

1,2,4-Trimethylbenzene

Concen: 1.486 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Instrument :

MSVOA_N

ClientSampleId :

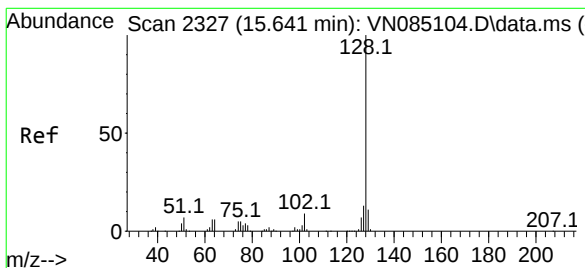
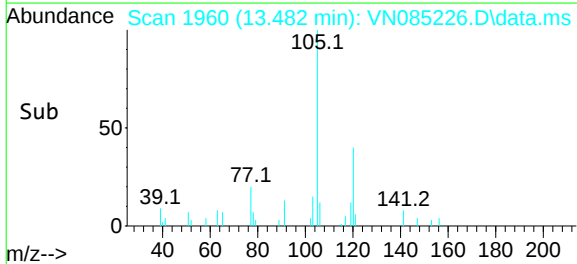
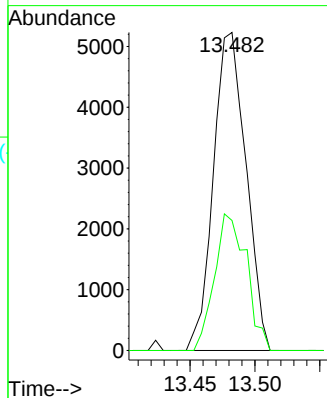
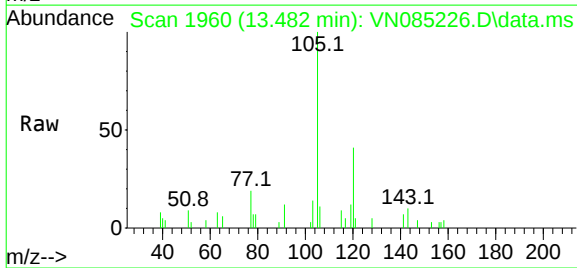
IBLK

Tgt Ion:105 Resp: 9157

Ion Ratio Lower Upper

105 100

120 42.0 21.8 65.4



#95

Naphthalene

Concen: 49.554 ug/l

RT: 15.635 min Scan# 2326

Delta R.T. -0.006 min

Lab File: VN085226.D

Acq: 17 Dec 2024 15:56

Tgt Ion:128 Resp: 278307

Ion Ratio Lower Upper

128 100

127 13.1 10.6 16.0

129 11.2 8.6 12.8

