

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085230.D
 Acq On : 17 Dec 2024 17:33
 Operator : JC\MD
 Sample : P5291-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW10D-20241213

Quant Time: Dec 18 00:29:19 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)

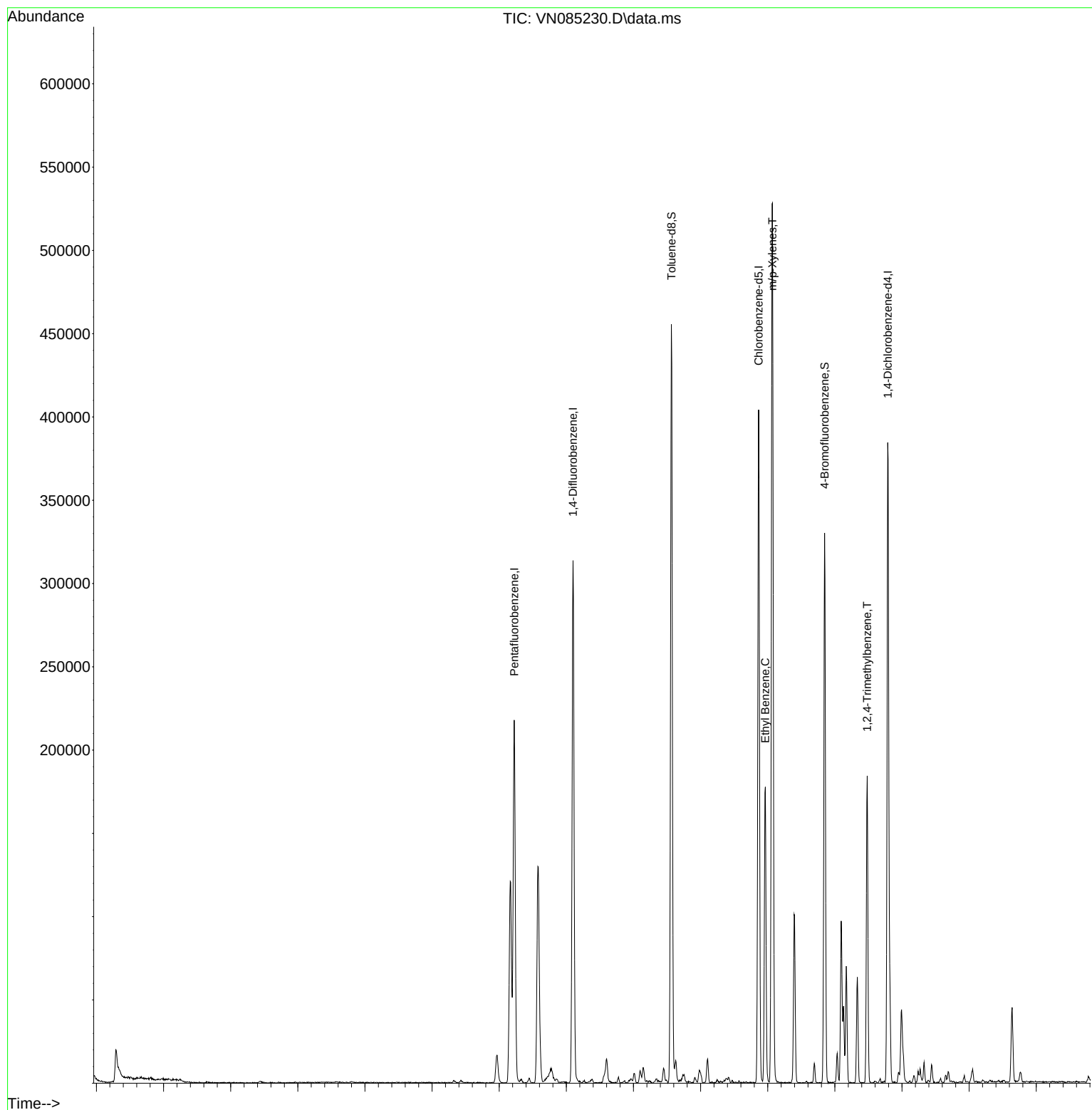
Internal Standards						
1) Pentafluorobenzene	8.224	168	152528	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	264985	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	231478	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	104054	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	108655	50.010	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.020%	
35) Dibromofluoromethane	8.165	113	88888	49.742	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.480%	
50) Toluene-d8	10.565	98	309932	48.396	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.800%	
62) 4-Bromofluorobenzene	12.847	95	115958	48.418	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	96.840%	
Target Compounds						
						Qvalue
16) Acetone	4.436	43	1745	2.758	ug/l	94
30) Chloroform	7.965	83	17379	4.970	ug/l	92
39) Methylcyclohexane	9.600	83	5920	2.354	ug/l	93
40) Benzene	8.600	78	16550	2.162	ug/l #	90
52) Toluene	10.629	92	5350	1.180	ug/l	95
64) Tetrachloroethene	11.106	164	3412	2.188	ug/l	91
67) Ethyl Benzene	11.964	91	132046	15.504	ug/l	96
68) m/p-Xylenes	12.070	106	174272	53.745	ug/l	100
69) o-Xylene	12.394	106	27851	9.030	ug/l	99
73) Isopropylbenzene	12.694	105	7988	1.088	ug/l	96
78) n-propylbenzene	13.035	91	14195	1.677	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	38695	6.282	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	103830	16.376	ug/l	99
95) Naphthalene	15.641	128	43338	7.502	ug/l	99

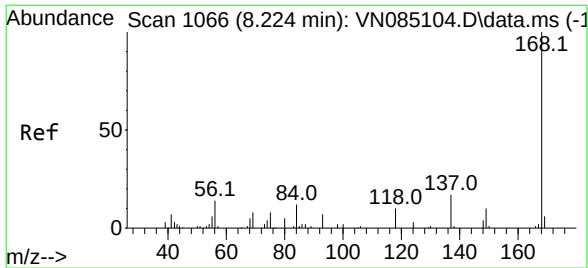
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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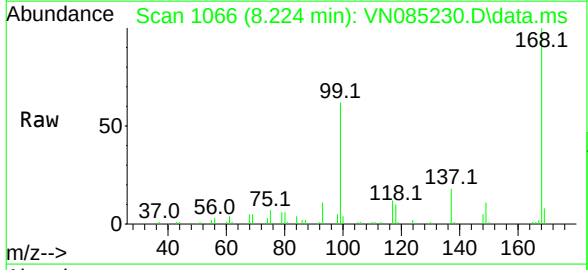
Quant Time: Dec 18 00:29:19 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
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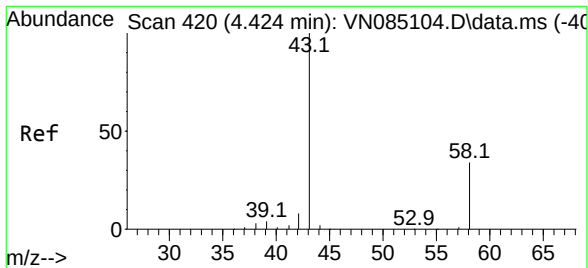
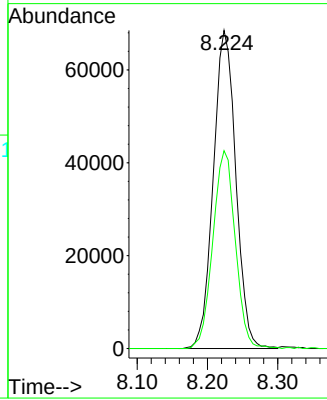
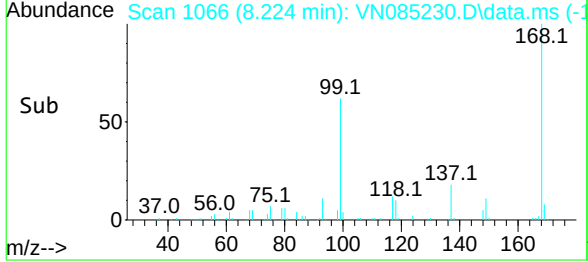


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

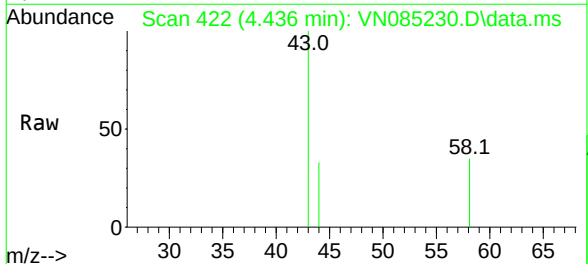
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213



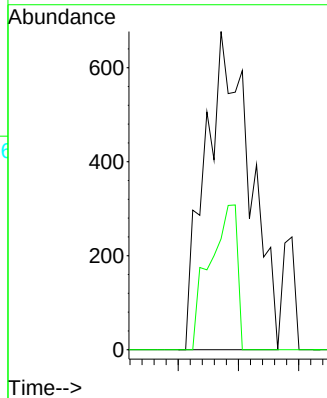
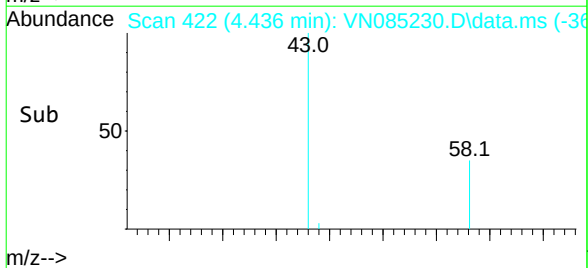
Tgt Ion:168 Resp: 152528
Ion Ratio Lower Upper
168 100
99 62.2 51.2 76.8

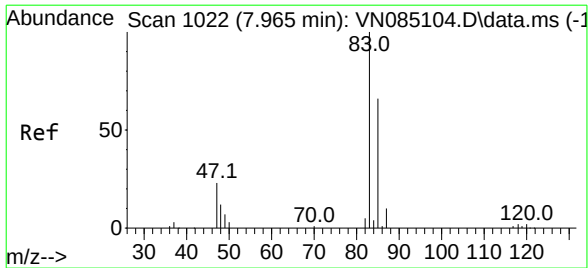


#16
Acetone
Concen: 2.758 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33



Tgt Ion: 43 Resp: 1745
Ion Ratio Lower Upper
43 100
58 34.9 25.4 38.2

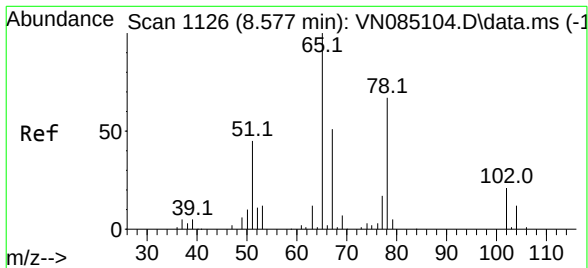
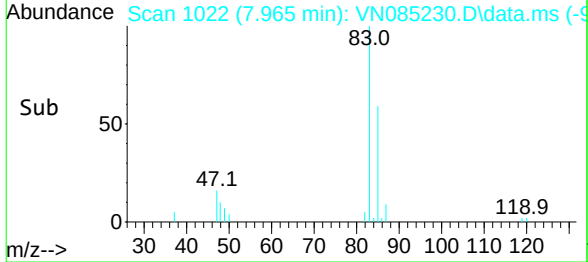
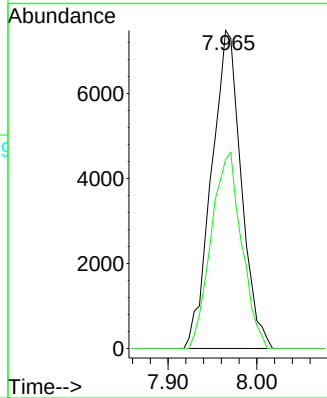
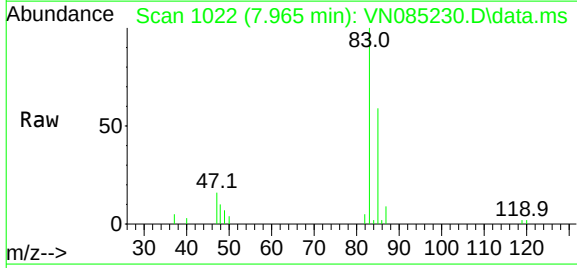




#30
Chloroform
Concen: 4.970 ug/l
RT: 7.965 min Scan# 1022
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

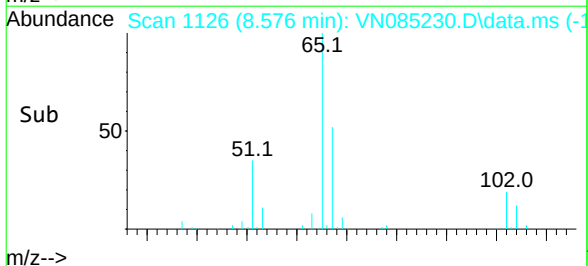
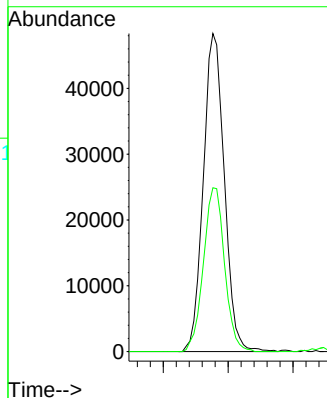
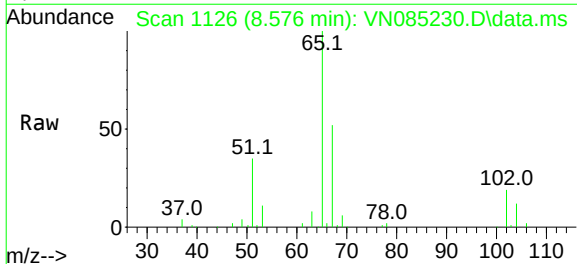
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213

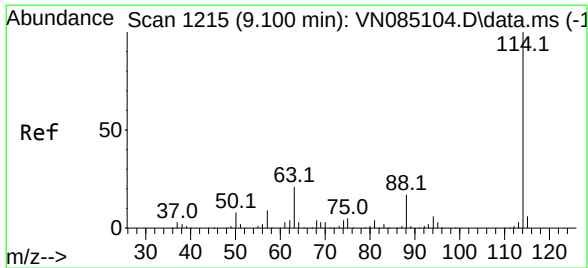
Tgt Ion: 83 Resp: 17379
Ion Ratio Lower Upper
83 100
85 59.4 52.6 78.8



#33
1,2-Dichloroethane-d4
Concen: 50.010 ug/l
RT: 8.576 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

Tgt Ion: 65 Resp: 108655
Ion Ratio Lower Upper
65 100
67 51.9 0.0 105.0

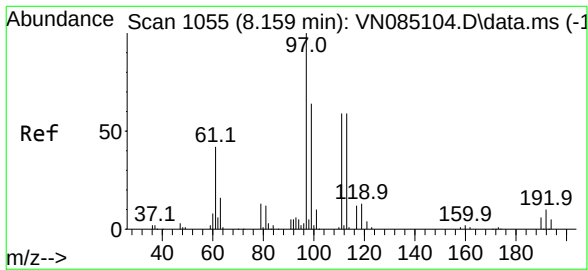
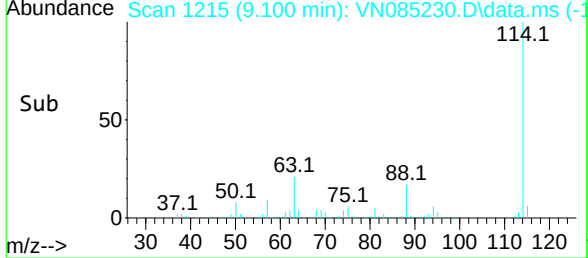
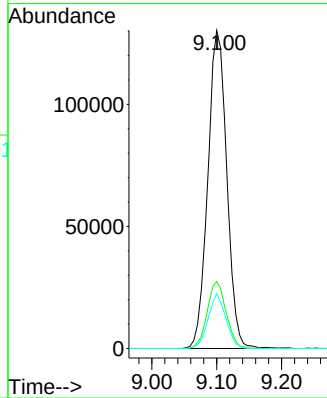
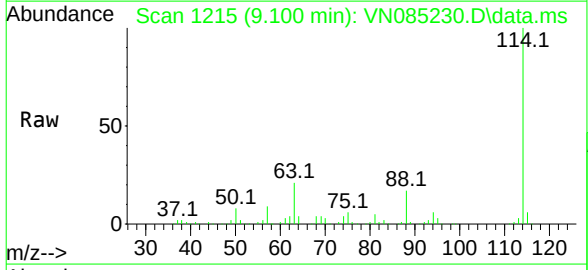




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

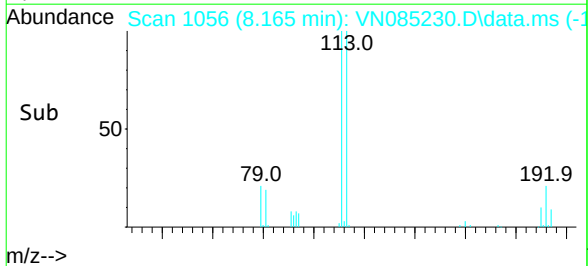
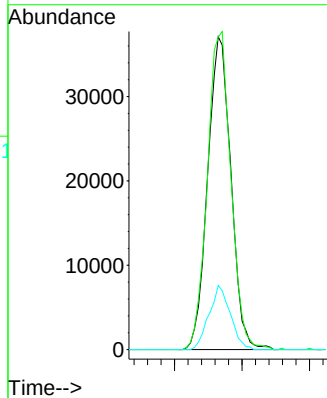
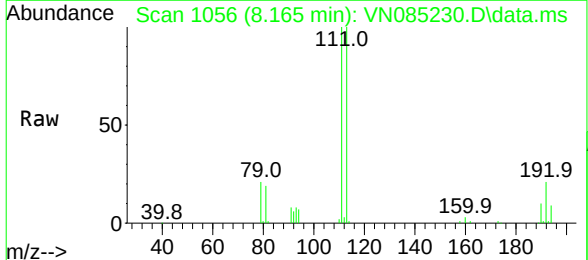
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213

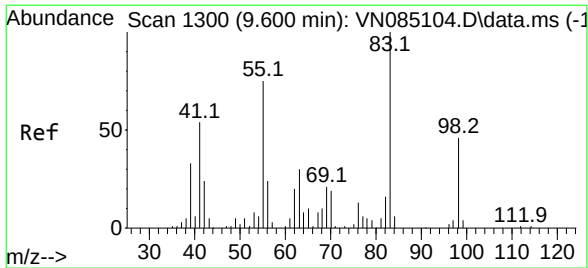
Tgt Ion:	114	Resp:	264985
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.0
88	17.2	0.0	34.8



#35
Dibromofluoromethane
Concen: 49.742 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

Tgt Ion:	113	Resp:	88888
Ion	Ratio	Lower	Upper
113	100		
111	102.7	82.0	123.0
192	18.7	14.8	22.2

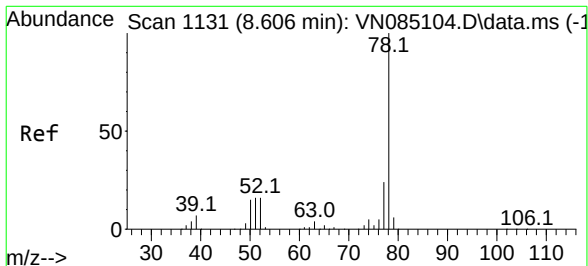
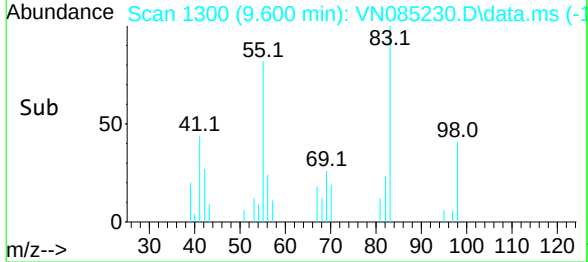
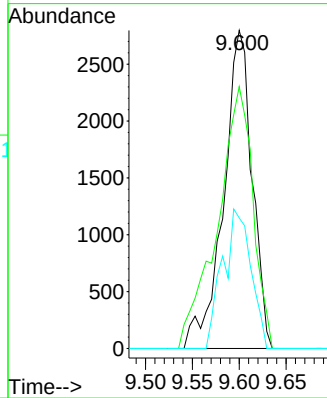
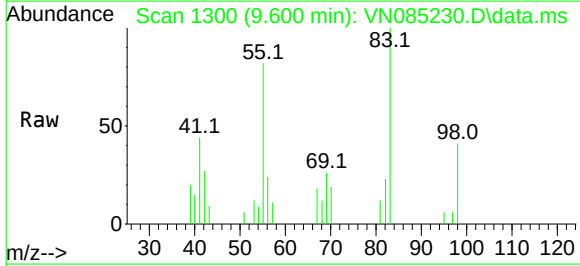




#39
Methylcyclohexane
Concen: 2.354 ug/l
RT: 9.600 min Scan# 13
Delta R.T. 0.006 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

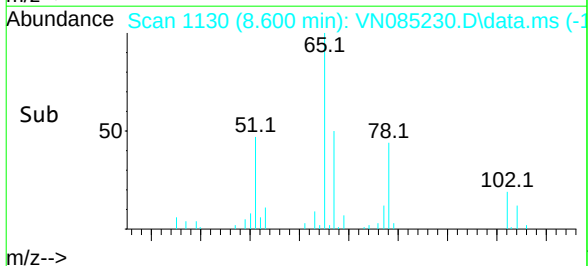
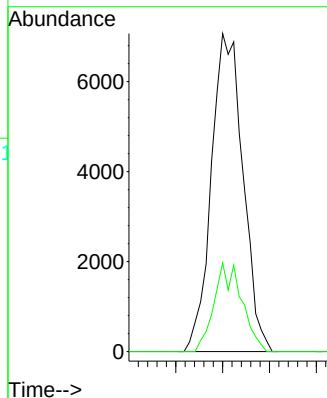
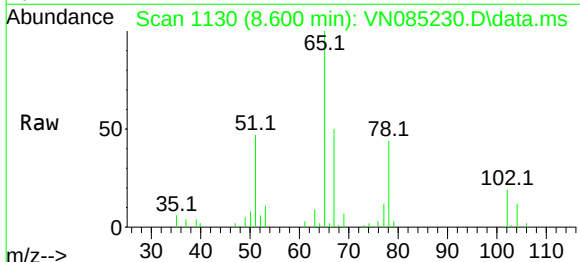
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213

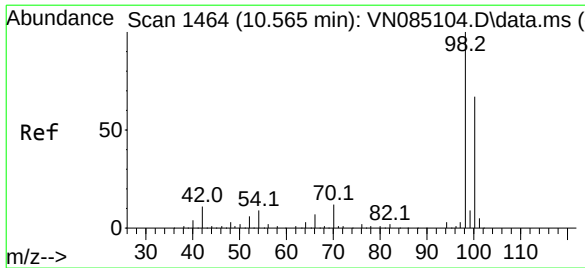
Tgt Ion:	83	Resp:	5920
Ion	Ratio	Lower	Upper
83	100		
55	82.3	61.8	92.6
98	41.0	37.0	55.6



#40
Benzene
Concen: 2.162 ug/l
RT: 8.600 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

Tgt Ion:	78	Resp:	16550
Ion	Ratio	Lower	Upper
78	100		
77	27.9	18.5	27.7#





#50

Toluene-d8

Concen: 48.396 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085230.D

Acq: 17 Dec 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

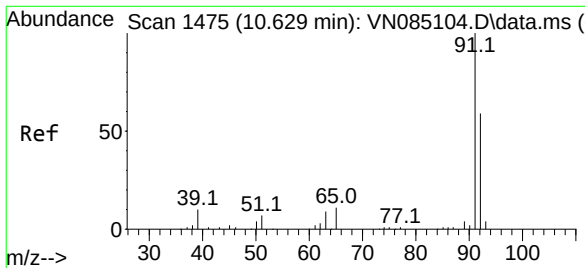
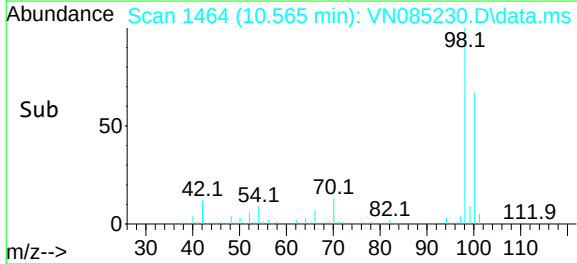
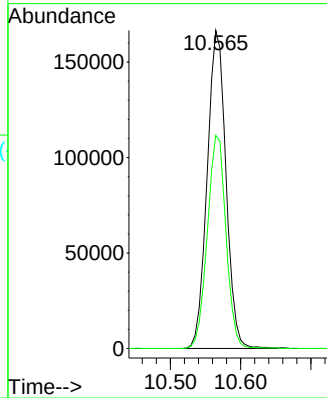
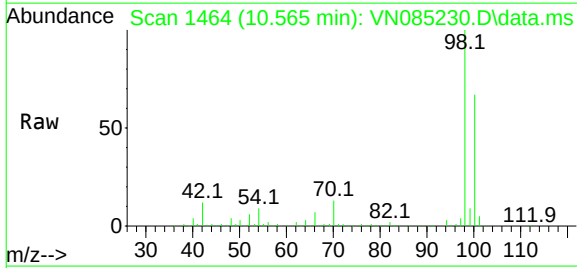
MW10D-20241213

Tgt Ion: 98 Resp: 309932

Ion Ratio Lower Upper

98 100

100 66.5 52.5 78.7



#52

Toluene

Concen: 1.180 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. 0.006 min

Lab File: VN085230.D

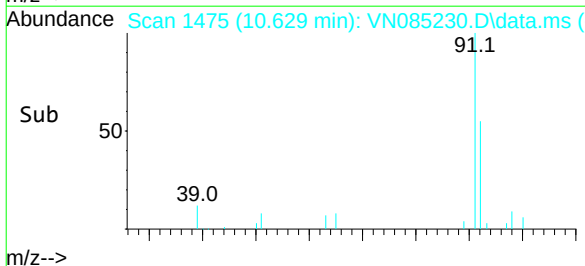
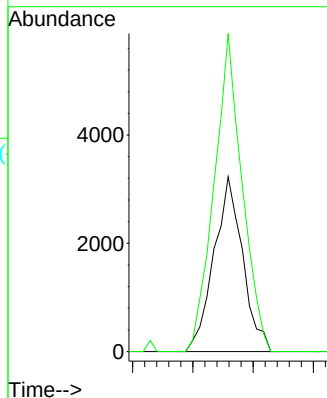
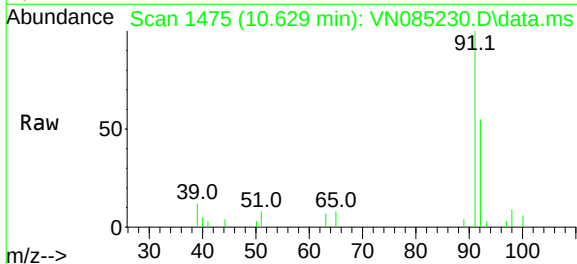
Acq: 17 Dec 2024 17:33

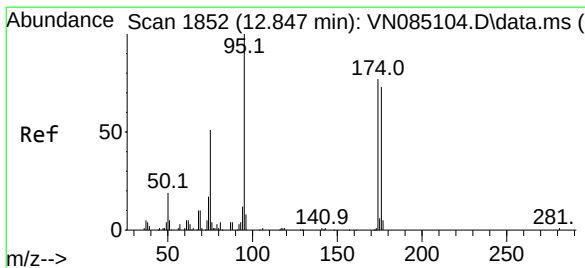
Tgt Ion: 92 Resp: 5350

Ion Ratio Lower Upper

92 100

91 177.7 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 48.418 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085230.D

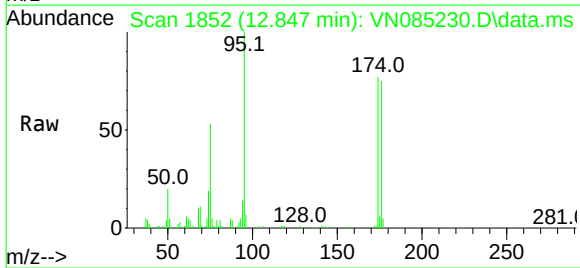
Acq: 17 Dec 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

MW10D-20241213



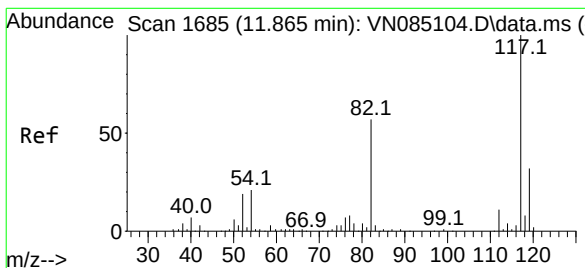
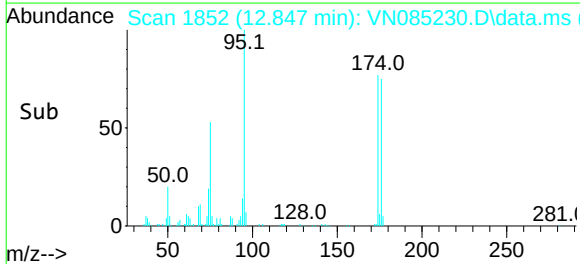
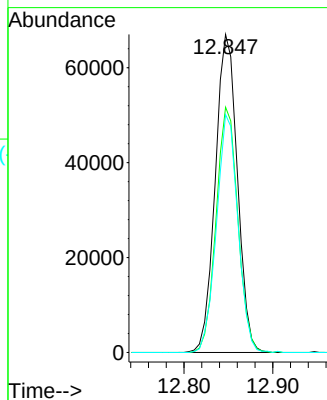
Tgt Ion: 95 Resp: 115958

Ion Ratio Lower Upper

95 100

174 75.7 0.0 146.6

176 72.5 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: VN085230.D

Acq: 17 Dec 2024 17:33

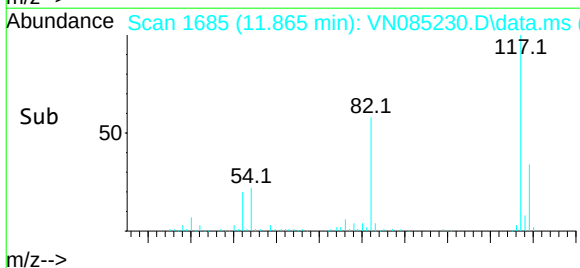
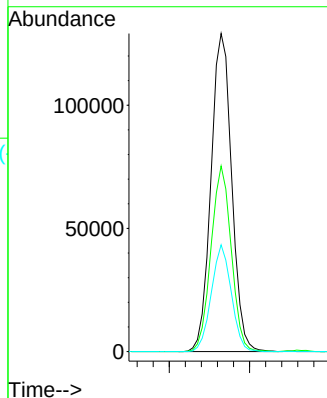
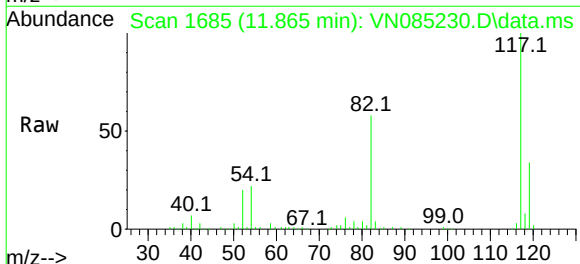
Tgt Ion: 117 Resp: 231478

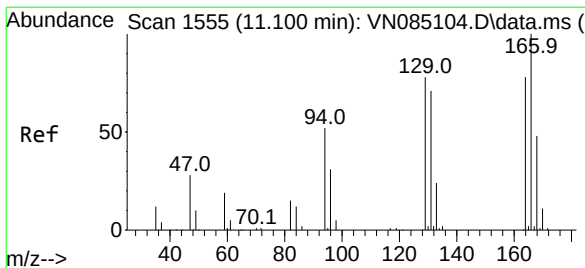
Ion Ratio Lower Upper

117 100

82 58.4 46.0 69.0

119 33.6 25.6 38.4





#64

Tetrachloroethene

Concen: 2.188 ug/l

RT: 11.106 min Scan# 15

Delta R.T. 0.006 min

Lab File: VN085230.D

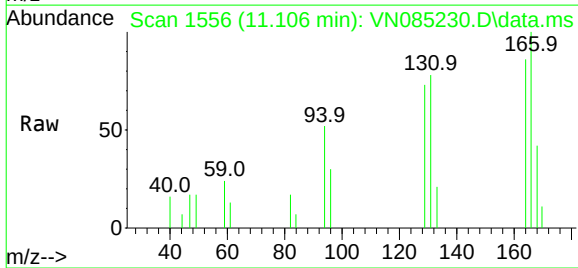
Acq: 17 Dec 2024 17:33

Instrument :

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MW10D-20241213



Tgt Ion:164 Resp: 3412

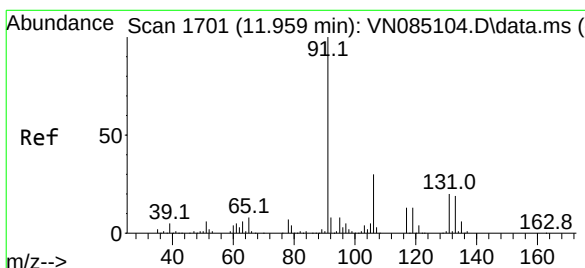
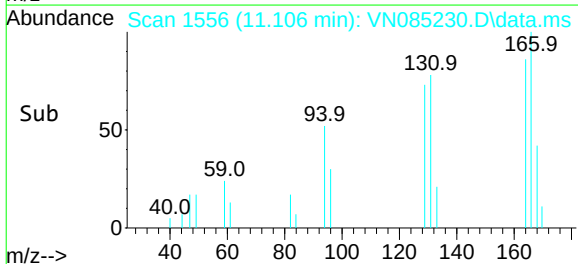
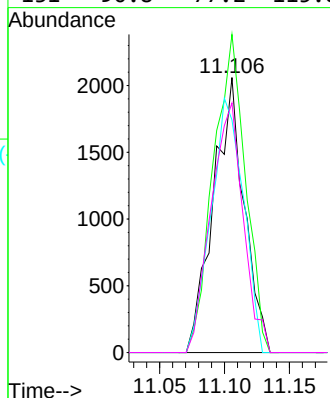
Ion Ratio Lower Upper

164 100

166 115.7 100.6 151.0

129 84.6 77.7 116.5

131 90.8 77.2 115.8



#67

Ethyl Benzene

Concen: 15.504 ug/l

RT: 11.964 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN085230.D

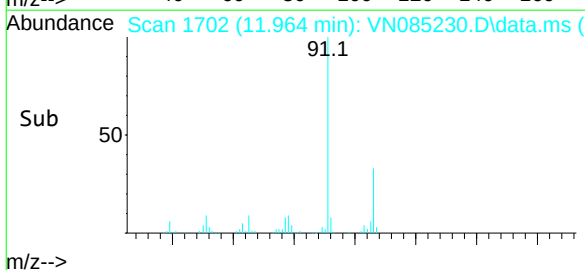
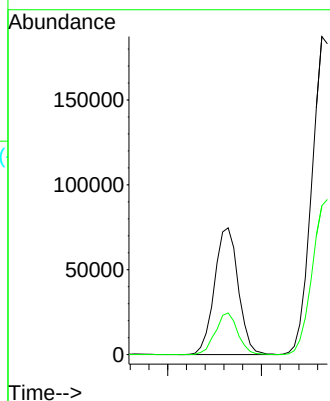
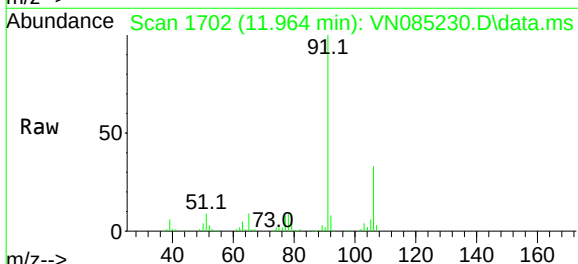
Acq: 17 Dec 2024 17:33

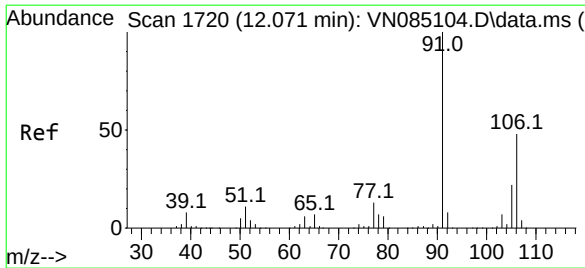
Tgt Ion: 91 Resp: 132046

Ion Ratio Lower Upper

91 100

106 32.8 24.7 37.1

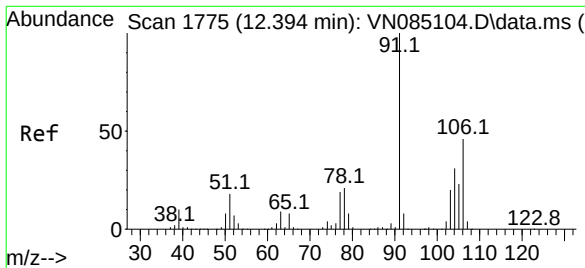
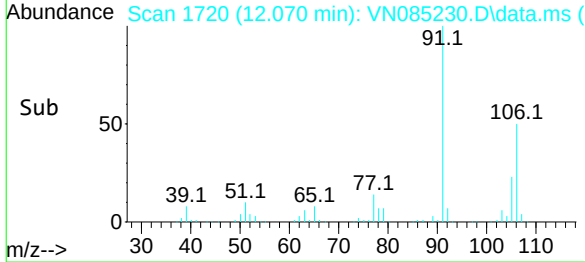
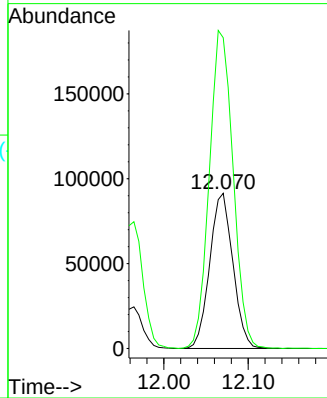
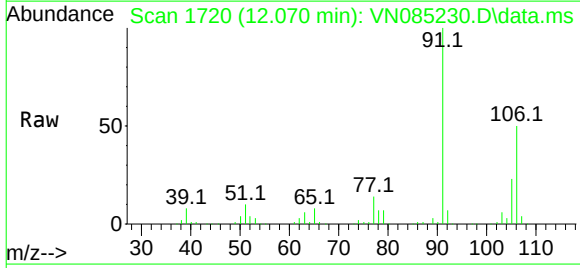




#68
m/p-Xylenes
Concen: 53.745 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

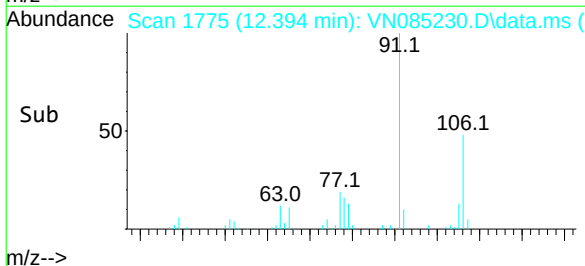
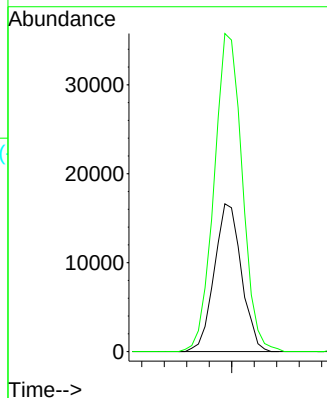
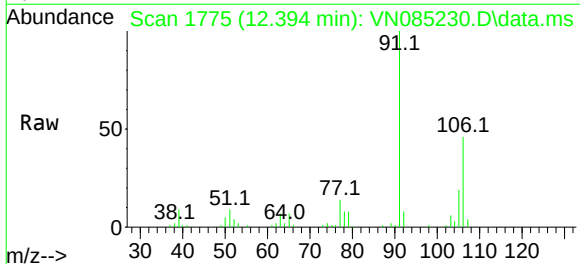
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213

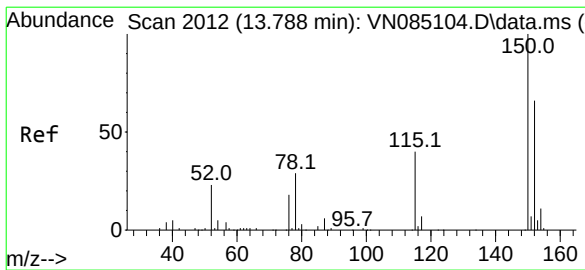
Tgt Ion:106 Resp: 174272
Ion Ratio Lower Upper
106 100
91 210.6 168.0 252.0



#69
o-Xylene
Concen: 9.030 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

Tgt Ion:106 Resp: 27851
Ion Ratio Lower Upper
106 100
91 223.1 110.7 331.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085230.D

Acq: 17 Dec 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

MW10D-20241213

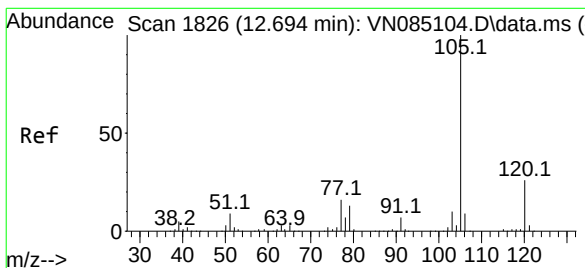
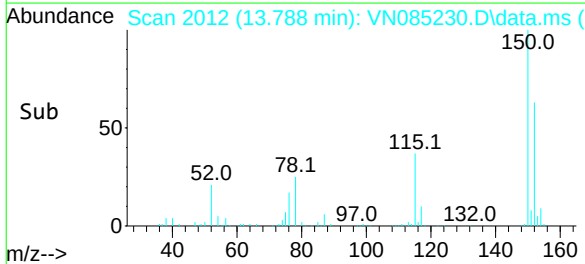
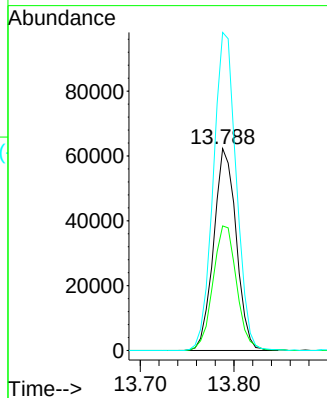
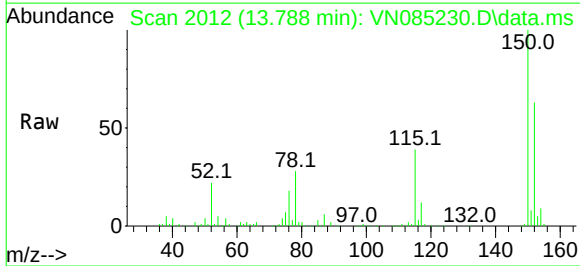
Tgt Ion:152 Resp: 104054

Ion Ratio Lower Upper

152 100

115 64.9 31.7 95.1

150 160.6 0.0 351.4



#73

Isopropylbenzene

Concen: 1.088 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN085230.D

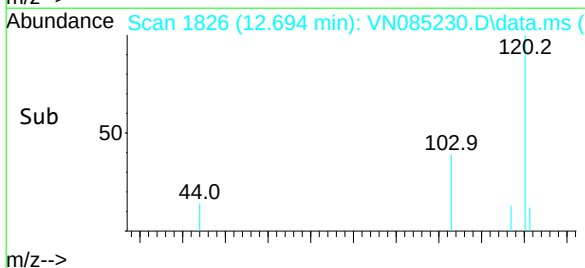
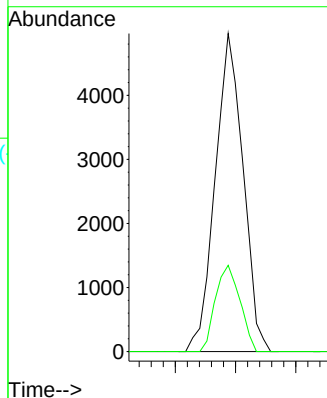
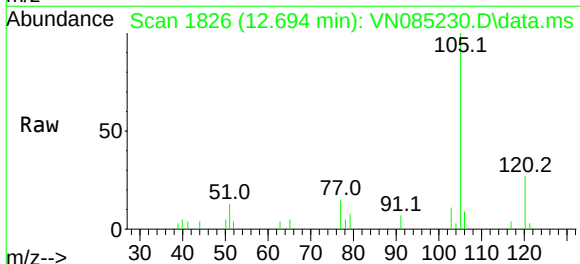
Acq: 17 Dec 2024 17:33

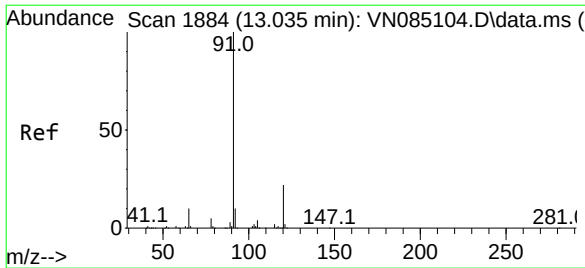
Tgt Ion:105 Resp: 7988

Ion Ratio Lower Upper

105 100

120 23.9 13.0 39.0

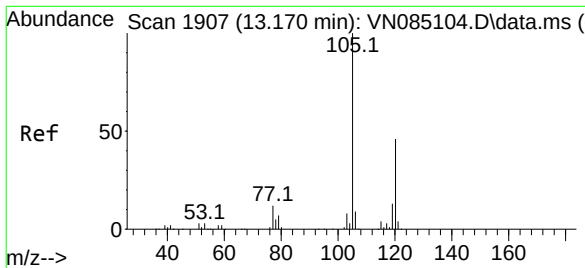
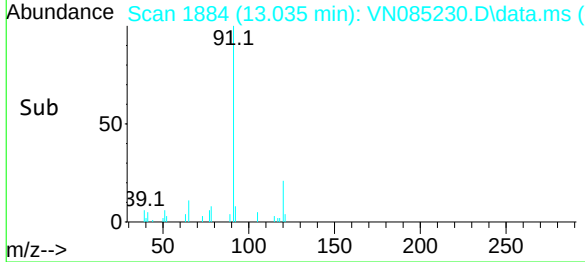
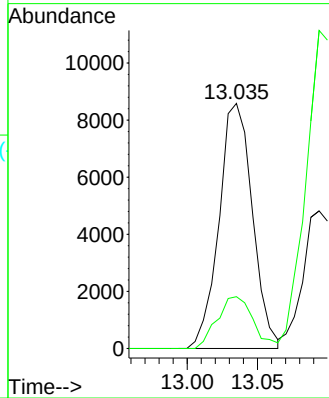
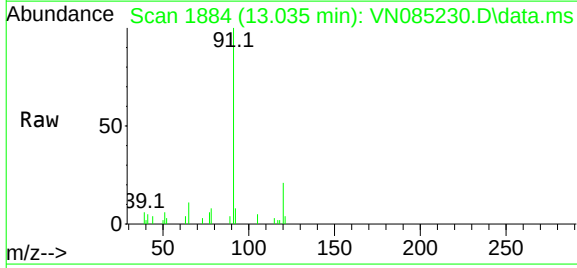




#78
n-propylbenzene
Concen: 1.677 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

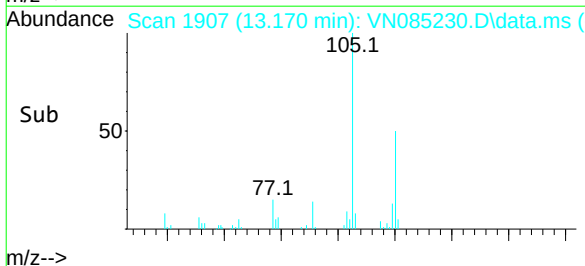
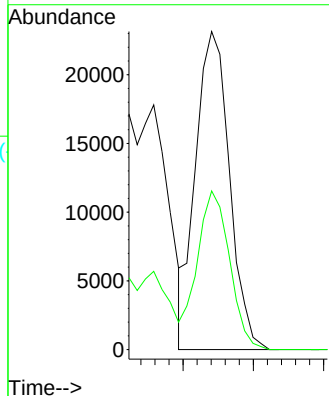
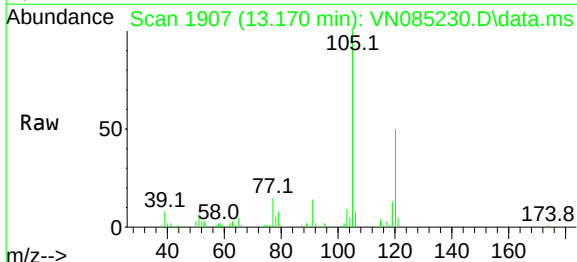
Instrument :
MSVOA_N
ClientSampleId :
MW10D-20241213

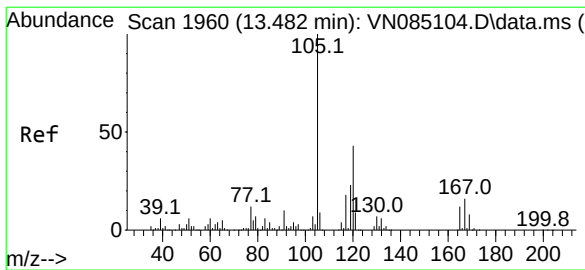
Tgt Ion: 91 Resp: 14195
Ion Ratio Lower Upper
91 100
120 22.9 11.3 33.9



#80
1,3,5-Trimethylbenzene
Concen: 6.282 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN085230.D
Acq: 17 Dec 2024 17:33

Tgt Ion: 105 Resp: 38695
Ion Ratio Lower Upper
105 100
120 48.1 23.6 71.0





#84

1,2,4-Trimethylbenzene

Concen: 16.376 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.006 min

Lab File: VN085230.D

Acq: 17 Dec 2024 17:33

Instrument :

MSVOA_N

ClientSampleId :

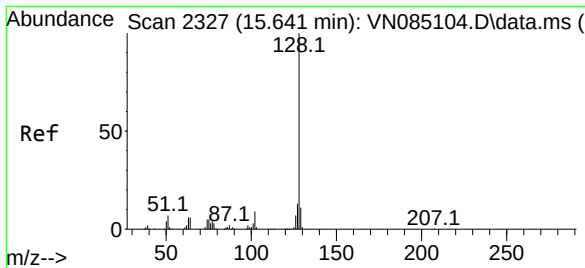
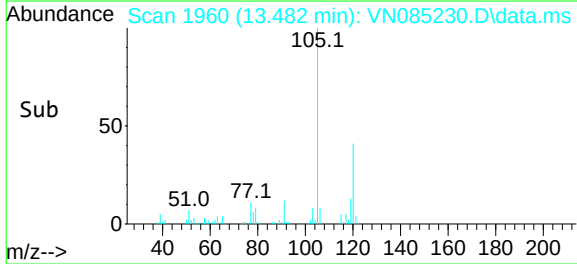
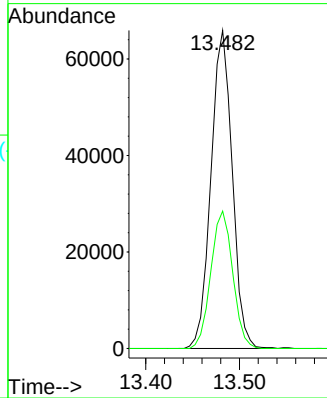
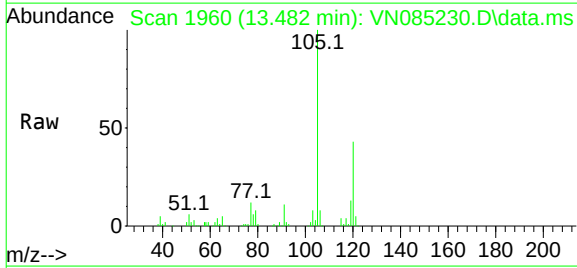
MW10D-20241213

Tgt Ion:105 Resp: 103830

Ion Ratio Lower Upper

105 100

120 44.5 21.8 65.4



#95

Naphthalene

Concen: 7.502 ug/l

RT: 15.641 min Scan# 2327

Delta R.T. -0.000 min

Lab File: VN085230.D

Acq: 17 Dec 2024 17:33

Tgt Ion:128 Resp: 43338

Ion Ratio Lower Upper

128 100

127 13.2 10.6 16.0

129 11.5 8.6 12.8

