

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
 Data File : VN085238.D
 Acq On : 17 Dec 2024 20:47
 Operator : JC\MD
 Sample : P5291-01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW1A-20241213

Quant Time: Dec 18 00:42:27 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)

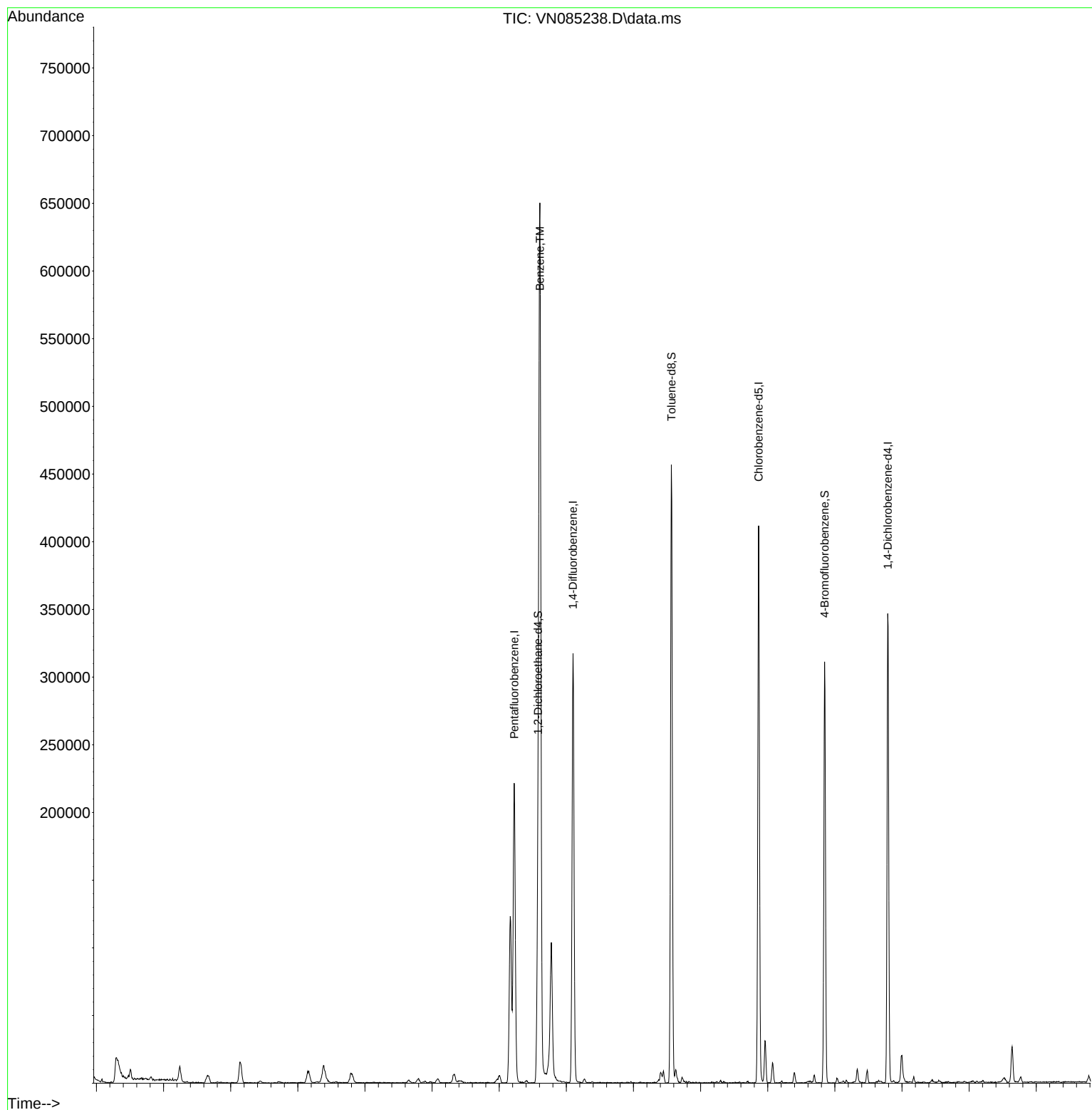
Internal Standards						
1) Pentafluorobenzene	8.224	168	155987	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	275076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	228027	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	95605	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	111606	50.229	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	100.460%	
35) Dibromofluoromethane	8.165	113	87453	47.144	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	94.280%	
50) Toluene-d8	10.565	98	317865	47.814	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	95.620%	
62) 4-Bromofluorobenzene	12.847	95	111097	44.687	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	89.380%	
Target Compounds						
16) Acetone	4.436	43	2532	3.913	ug/l #	72
19) Methyl tert-butyl Ether	5.783	73	10696	1.977	ug/l #	84
40) Benzene	8.606	78	649012	81.668	ug/l	99
51) 4-Methyl-2-Pentanone	10.441	43	4564	2.106	ug/l	91
52) Toluene	10.623	92	4143	0.881	ug/l	99
67) Ethyl Benzene	11.959	91	22820	2.720	ug/l	90
68) m/p-Xylenes	12.070	106	4951	1.550	ug/l	96
69) o-Xylene	12.400	106	2310	0.760	ug/l	100
73) Isopropylbenzene	12.694	105	3836	0.569	ug/l	99
78) n-propylbenzene	13.029	91	3344	0.430	ug/l	93
80) 1,3,5-Trimethylbenzene	13.176	105	1173	0.207	ug/l	88
84) 1,2,4-Trimethylbenzene	13.482	105	5698	0.978	ug/l	91
95) Naphthalene	15.641	128	27385	5.159	ug/l	99

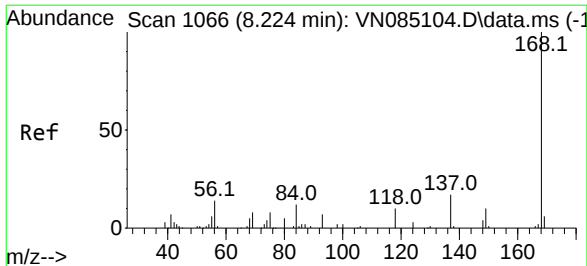
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121724\
Data File : VN085238.D
Acq On : 17 Dec 2024 20:47
Operator : JC\MD
Sample : P5291-01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 23 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW1A-20241213

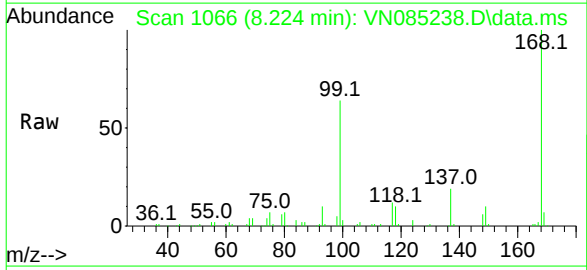
Quant Time: Dec 18 00:42:27 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112224W.M
Quant Title : SW846 8260
QLast Update : Sat Nov 23 02:54:10 2024
Response via : Initial Calibration



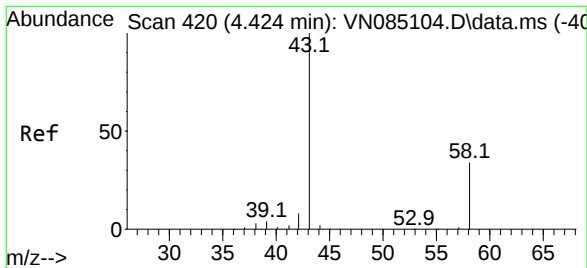
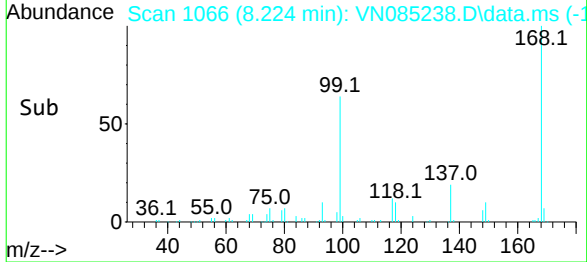
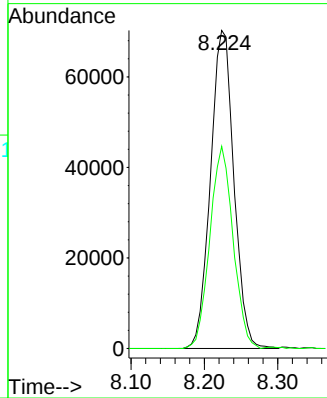


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
MW1A-20241213

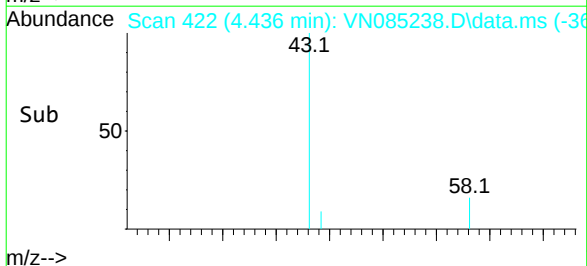
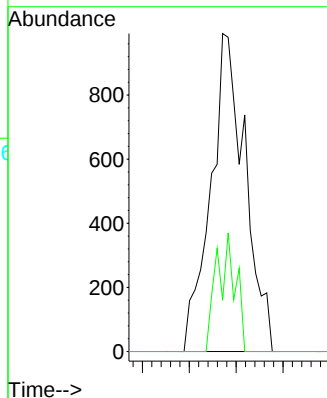
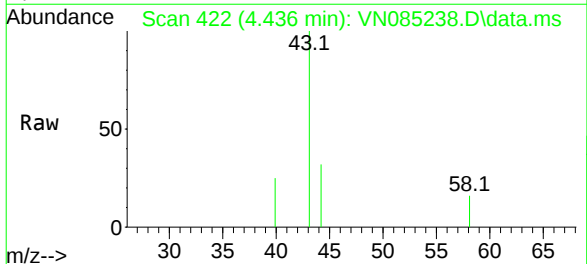


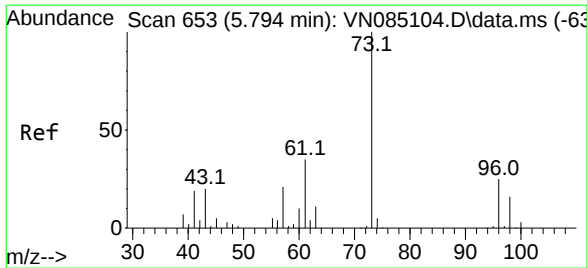
Tgt Ion:168 Resp: 155987
Ion Ratio Lower Upper
168 100
99 63.6 51.2 76.8



#16
Acetone
Concen: 3.913 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

Tgt Ion: 43 Resp: 2532
Ion Ratio Lower Upper
43 100
58 16.1 25.4 38.2#





#19

Methyl tert-butyl Ether

Concen: 1.977 ug/l

RT: 5.783 min Scan# 65

Delta R.T. -0.006 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

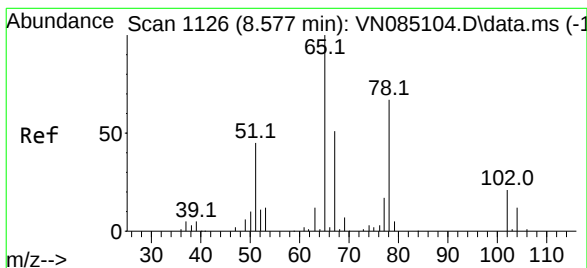
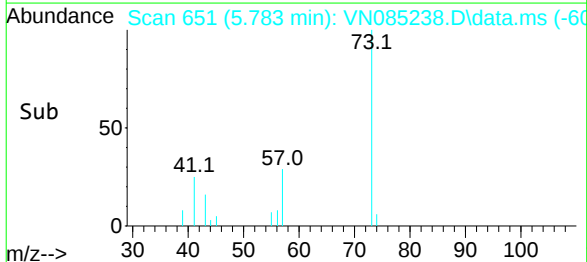
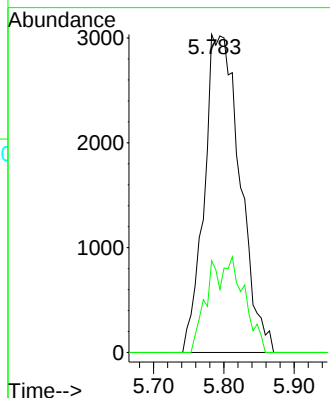
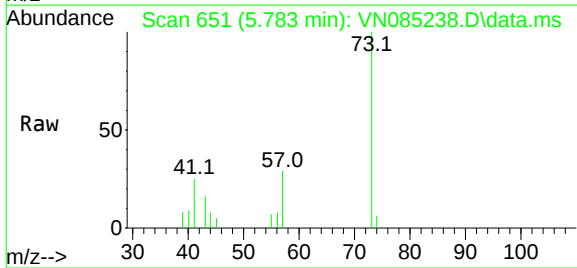
MW1A-20241213

Tgt Ion: 73 Resp: 10696

Ion Ratio Lower Upper

73 100

57 28.8 17.0 25.4#



#33

1,2-Dichloroethane-d4

Concen: 50.229 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VN085238.D

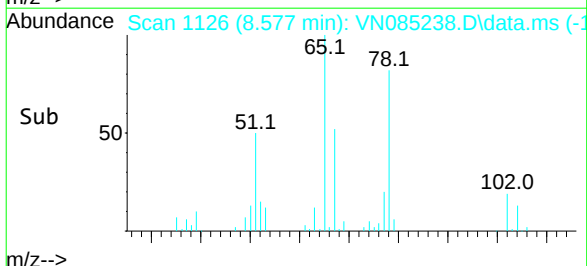
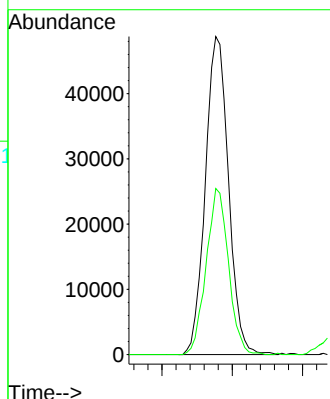
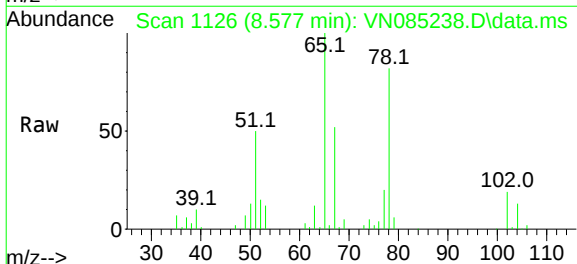
Acq: 17 Dec 2024 20:47

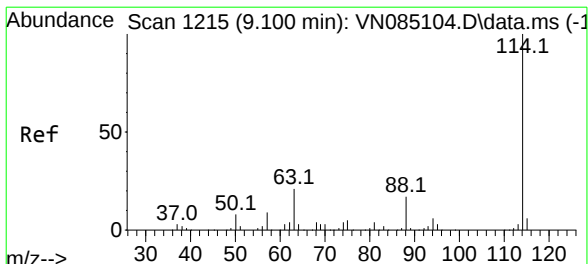
Tgt Ion: 65 Resp: 111606

Ion Ratio Lower Upper

65 100

67 50.3 0.0 105.0

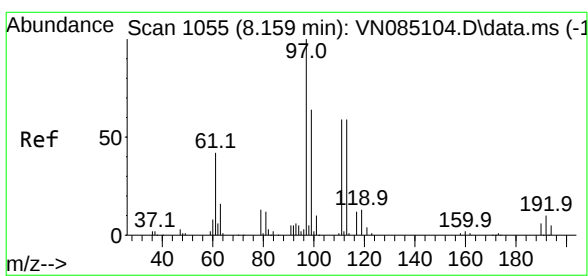
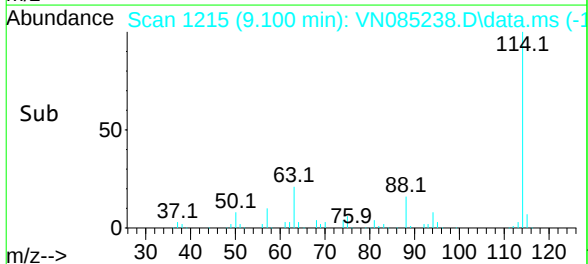
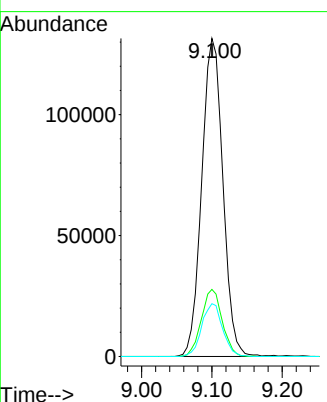
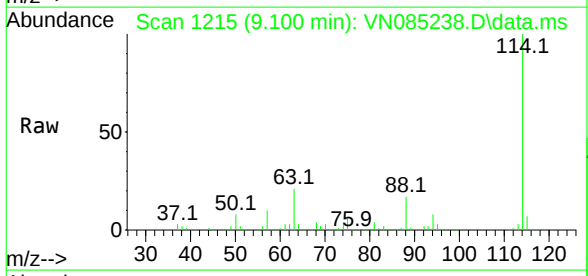




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 12
 Delta R.T. 0.006 min
 Lab File: VN085238.D
 Acq: 17 Dec 2024 20:47

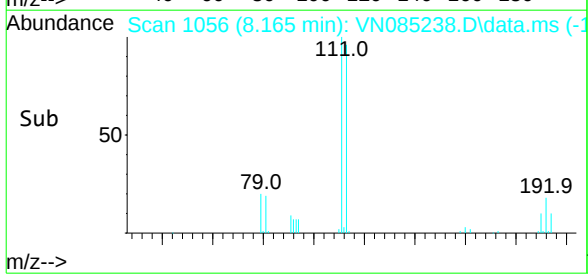
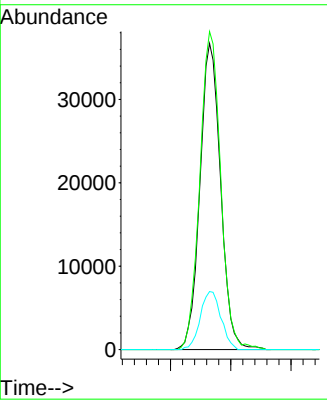
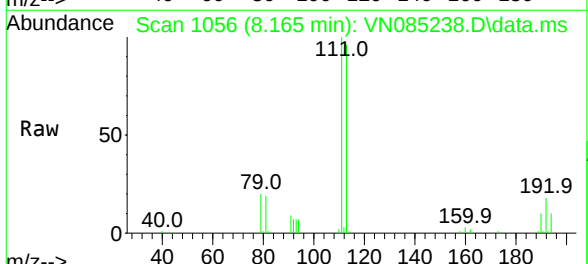
Instrument :
 MSVOA_N
 ClientSampleId :
 MW1A-20241213

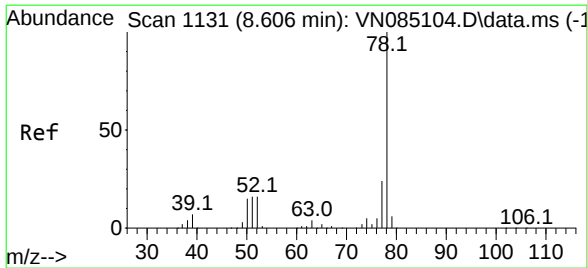
Tgt Ion:	114	Resp:	275076
Ion	Ratio	Lower	Upper
114	100		
63	21.1	0.0	41.0
88	16.6	0.0	34.8



#35
 Dibromofluoromethane
 Concen: 47.144 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.006 min
 Lab File: VN085238.D
 Acq: 17 Dec 2024 20:47

Tgt Ion:	113	Resp:	87453
Ion	Ratio	Lower	Upper
113	100		
111	104.7	82.0	123.0
192	19.0	14.8	22.2

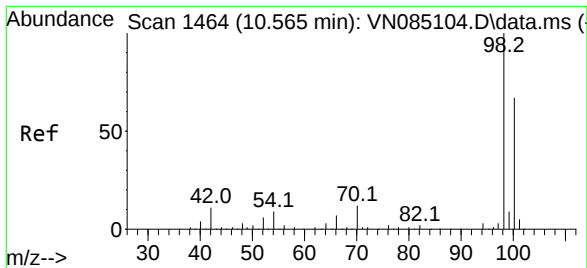
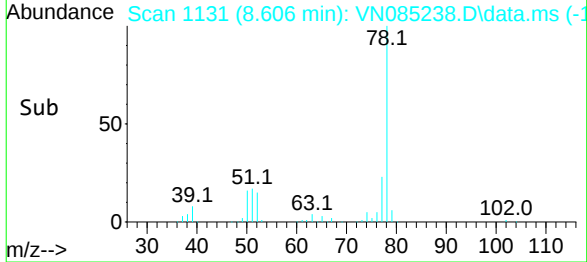
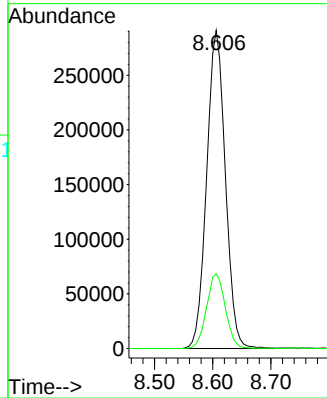
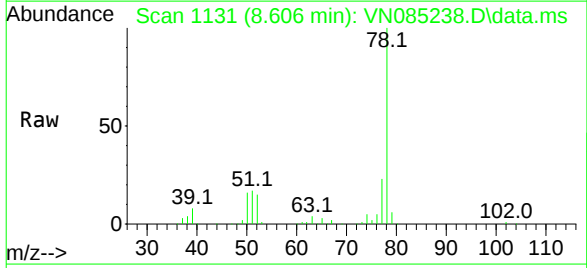




#40
Benzene
Concen: 81.668 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.006 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

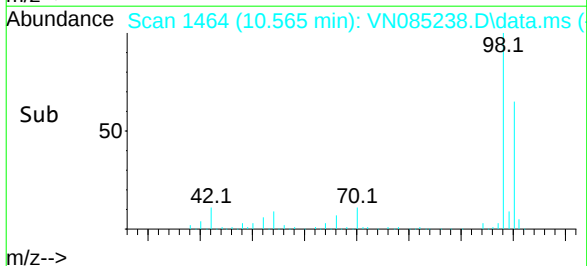
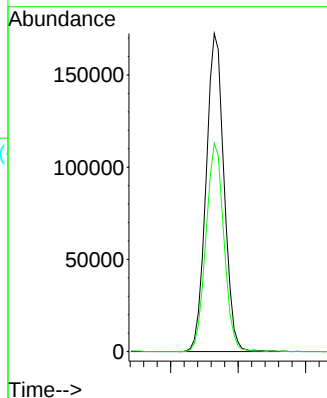
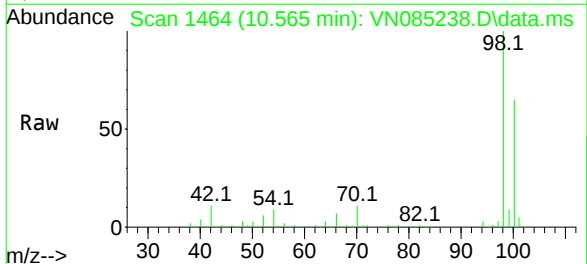
Instrument :
MSVOA_N
ClientSampleId :
MW1A-20241213

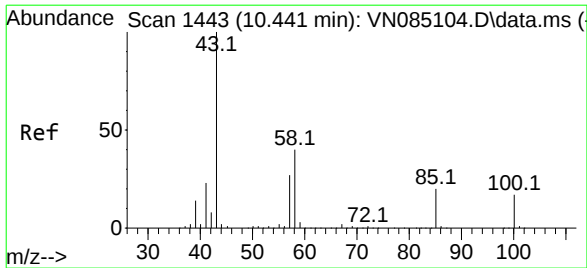
Tgt Ion: 78 Resp: 649012
Ion Ratio Lower Upper
78 100
77 23.5 18.5 27.7



#50
Toluene-d8
Concen: 47.814 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

Tgt Ion: 98 Resp: 317865
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7

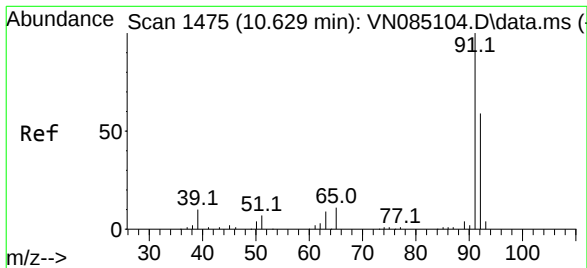
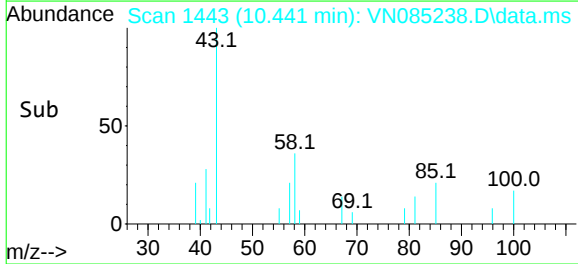
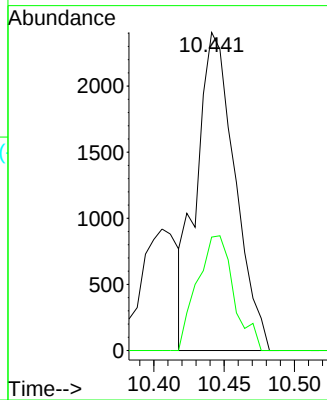
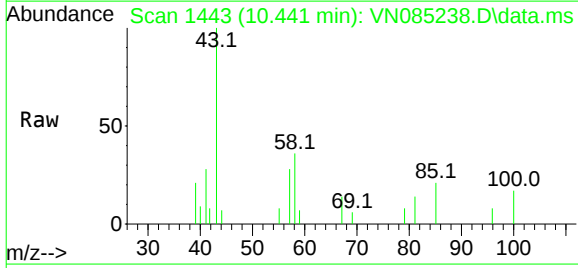




#51
4-Methyl-2-Pentanone
Concen: 2.106 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

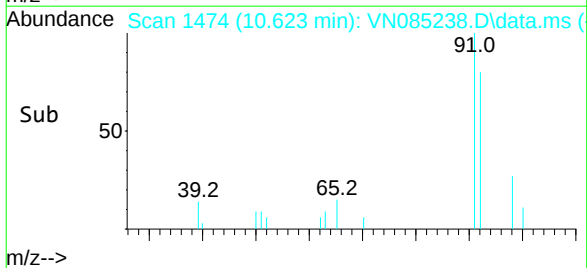
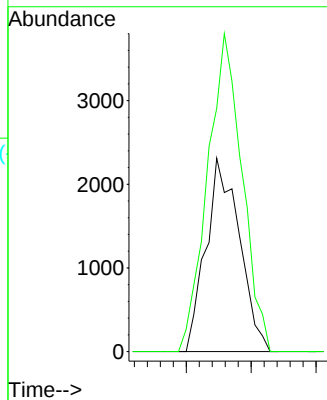
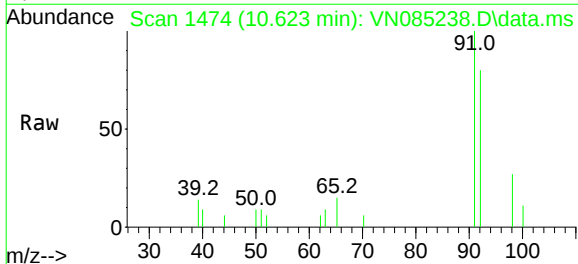
Instrument :
MSVOA_N
ClientSampleId :
MW1A-20241213

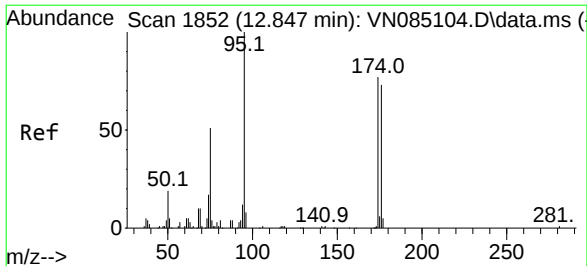
Tgt Ion: 43 Resp: 4564
Ion Ratio Lower Upper
43 100
58 34.5 32.1 48.1



#52
Toluene
Concen: 0.881 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.000 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

Tgt Ion: 92 Resp: 4143
Ion Ratio Lower Upper
92 100
91 169.8 136.7 205.1





#62

4-Bromofluorobenzene

Concen: 44.687 ug/l

RT: 12.847 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085238.D

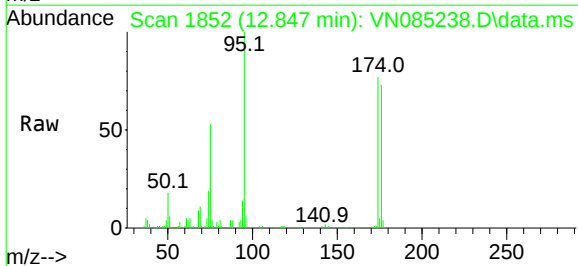
Acq: 17 Dec 2024 20:47

Instrument :

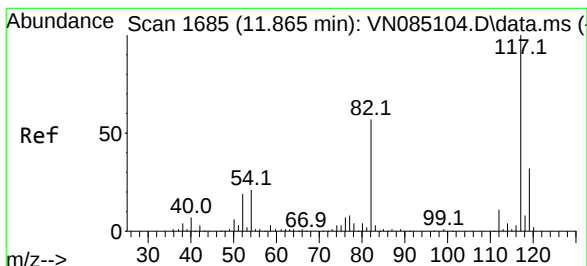
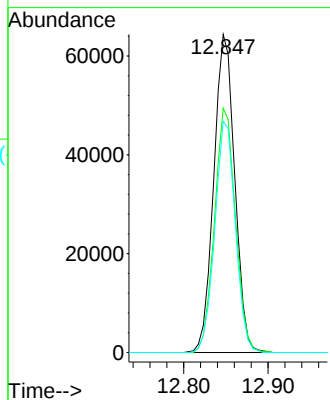
MSVOA_N

ClientSampleId :

MW1A-20241213



Tgt Ion:	95	Resp:	111097
Ion	Ratio	Lower	Upper
95	100		
174	76.8	0.0	146.6
176	71.3	0.0	141.8



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

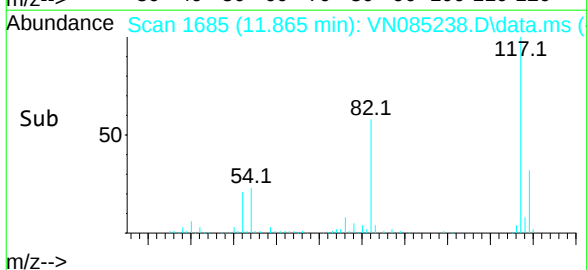
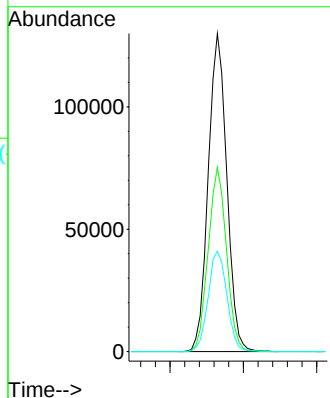
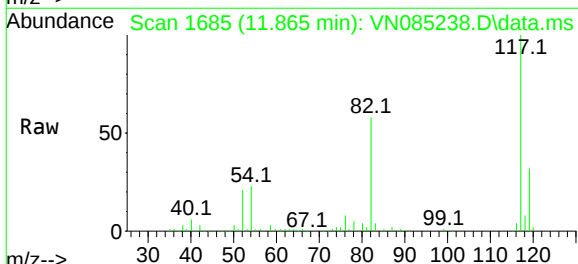
RT: 11.865 min Scan# 1685

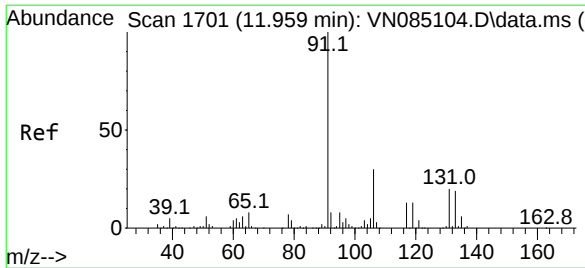
Delta R.T. 0.006 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Tgt Ion:	117	Resp:	228027
Ion	Ratio	Lower	Upper
117	100		
82	57.9	46.0	69.0
119	31.6	25.6	38.4





#67

Ethyl Benzene

Concen: 2.720 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

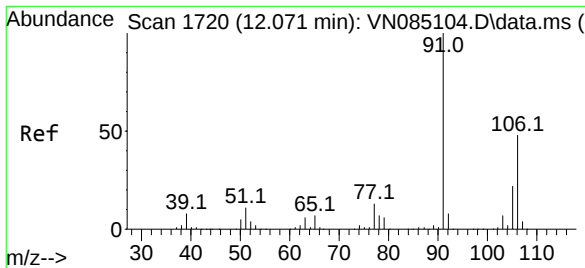
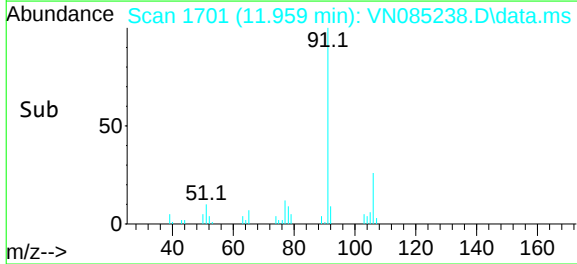
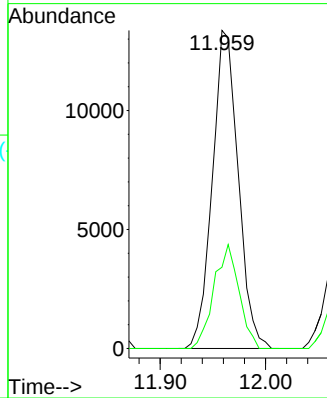
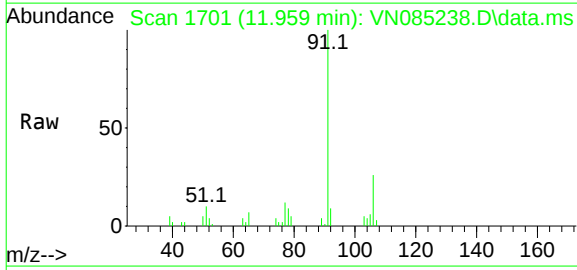
MW1A-20241213

Tgt Ion: 91 Resp: 22820

Ion Ratio Lower Upper

91 100

106 25.6 24.7 37.1



#68

m/p-Xylenes

Concen: 1.550 ug/l

RT: 12.070 min Scan# 1720

Delta R.T. -0.000 min

Lab File: VN085238.D

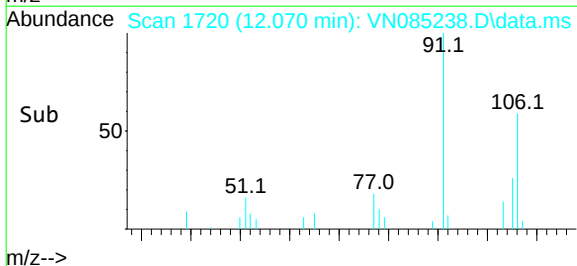
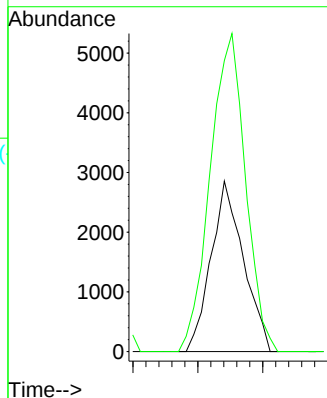
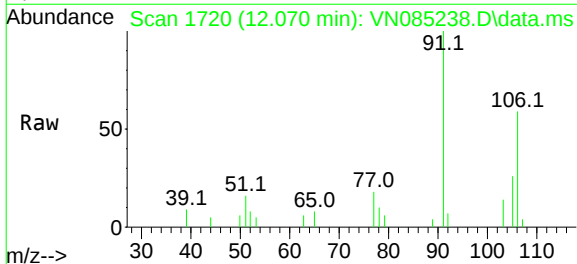
Acq: 17 Dec 2024 20:47

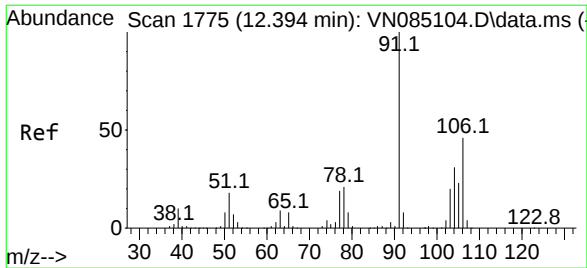
Tgt Ion: 106 Resp: 4951

Ion Ratio Lower Upper

106 100

91 203.1 168.0 252.0





#69

o-Xylene

Concen: 0.760 ug/l

RT: 12.400 min Scan# 17

Delta R.T. 0.006 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

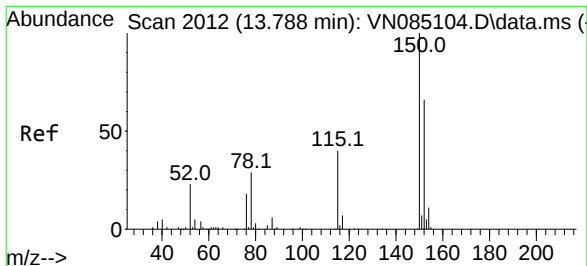
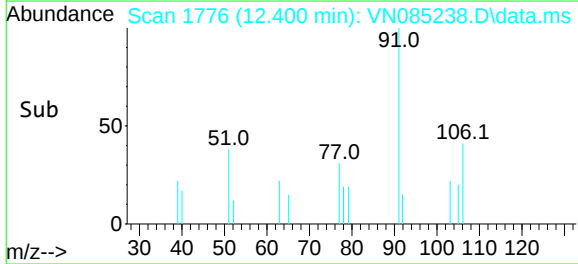
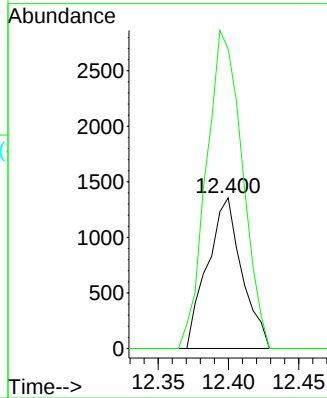
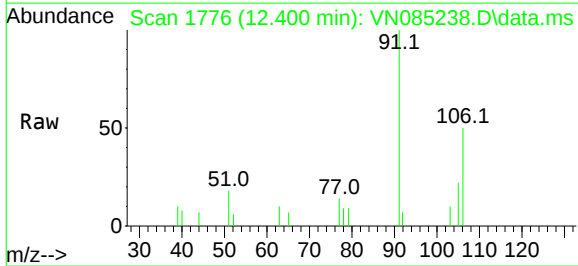
MW1A-20241213

Tgt Ion:106 Resp: 2310

Ion Ratio Lower Upper

106 100

91 221.1 110.7 331.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

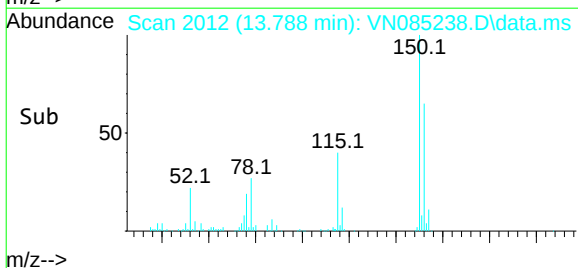
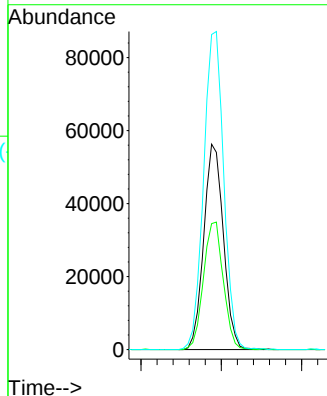
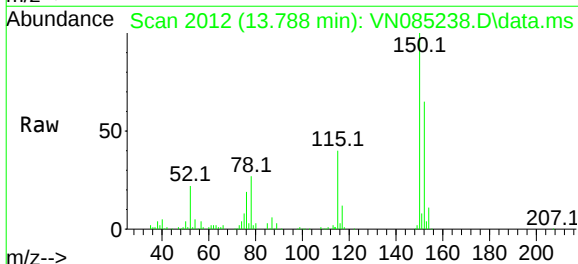
Tgt Ion:152 Resp: 95605

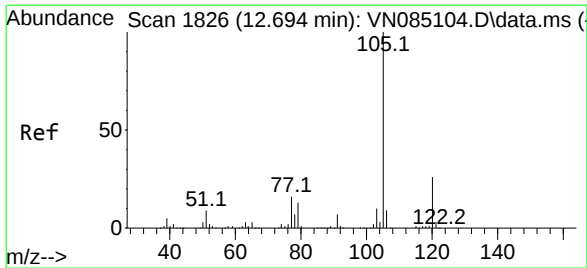
Ion Ratio Lower Upper

152 100

115 62.7 31.7 95.1

150 158.8 0.0 351.4





#73

Isopropylbenzene

Concen: 0.569 ug/l

RT: 12.694 min Scan# 18

Delta R.T. -0.000 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

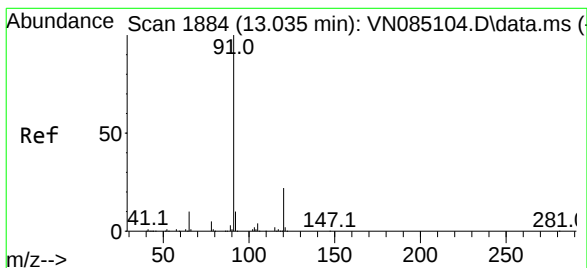
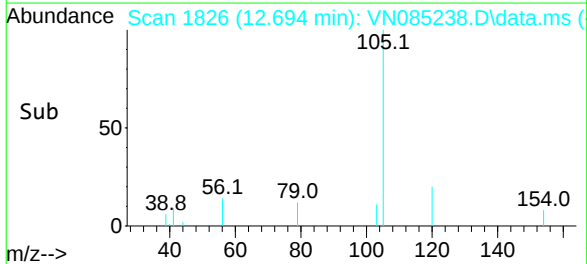
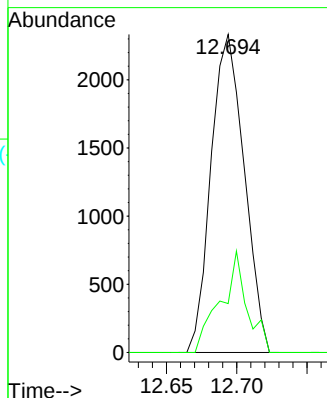
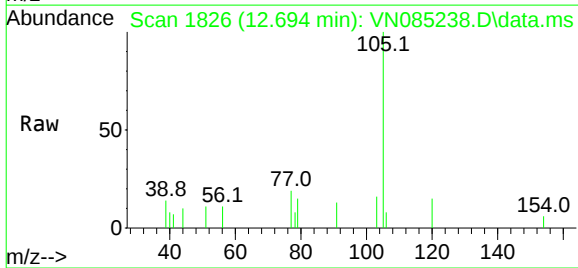
MW1A-20241213

Tgt Ion:105 Resp: 3836

Ion Ratio Lower Upper

105 100

120 25.3 13.0 39.0



#78

n-propylbenzene

Concen: 0.430 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN085238.D

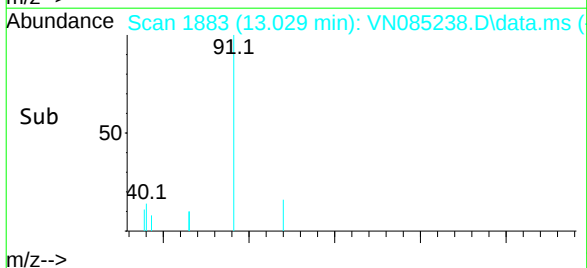
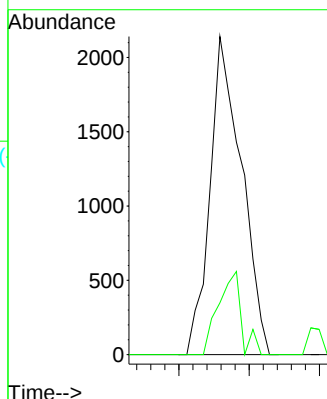
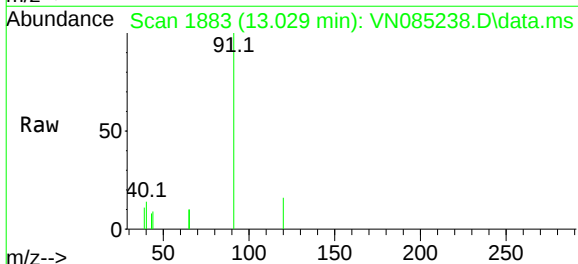
Acq: 17 Dec 2024 20:47

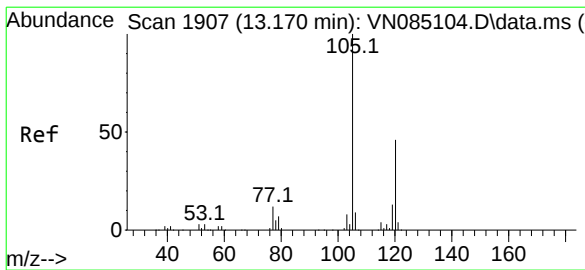
Tgt Ion: 91 Resp: 3344

Ion Ratio Lower Upper

91 100

120 19.0 11.3 33.9





#80

1,3,5-Trimethylbenzene

Concen: 0.207 ug/l

RT: 13.176 min Scan# 1907

Delta R.T. 0.006 min

Lab File: VN085238.D

Acq: 17 Dec 2024 20:47

Instrument :

MSVOA_N

ClientSampleId :

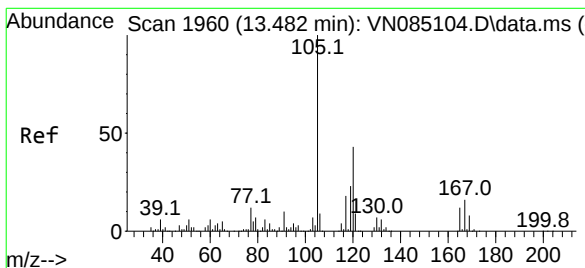
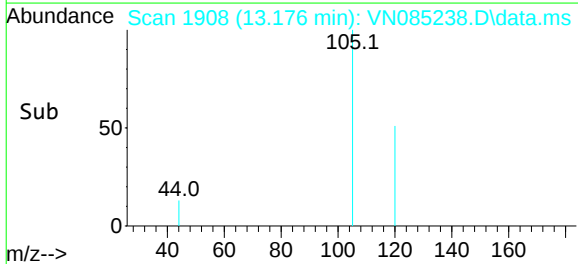
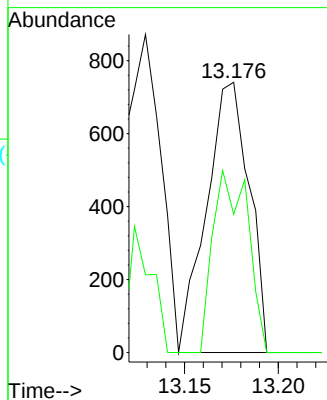
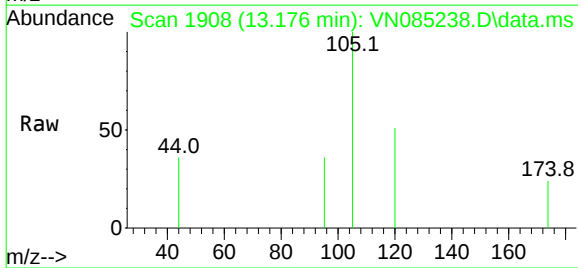
MW1A-20241213

Tgt Ion:105 Resp: 1173

Ion Ratio Lower Upper

105 100

120 55.2 23.6 71.0



#84

1,2,4-Trimethylbenzene

Concen: 0.978 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.006 min

Lab File: VN085238.D

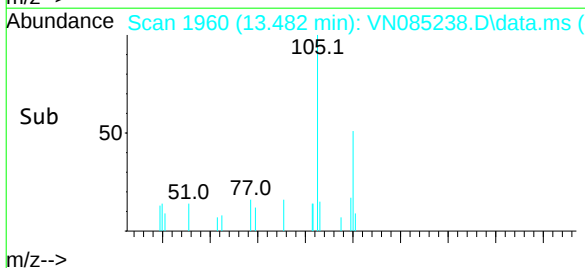
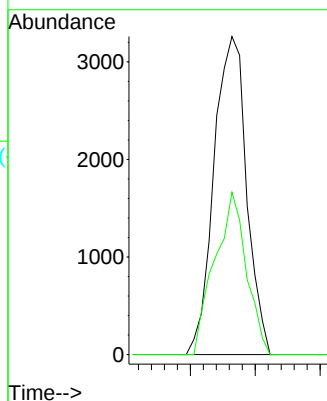
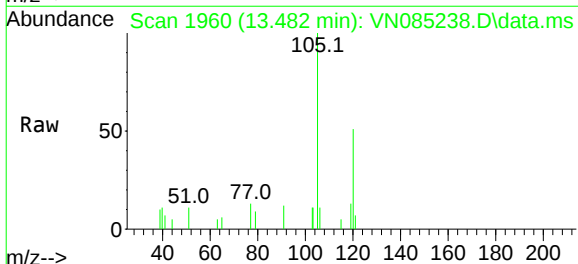
Acq: 17 Dec 2024 20:47

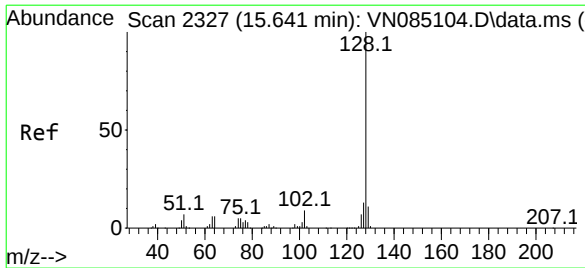
Tgt Ion:105 Resp: 5698

Ion Ratio Lower Upper

105 100

120 49.5 21.8 65.4





#95
Naphthalene
Concen: 5.159 ug/l
RT: 15.641 min Scan# 23
Delta R.T. -0.000 min
Lab File: VN085238.D
Acq: 17 Dec 2024 20:47

Instrument :
MSVOA_N
ClientSampleId :
MW1A-20241213

Tgt Ion:128 Resp: 27385
Ion Ratio Lower Upper
128 100
127 13.5 10.6 16.0
129 10.5 8.6 12.8

