

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
 Data File : VN085259.D
 Acq On : 18 Dec 2024 18:44
 Operator : JC\MD
 Sample : P5291-10DL 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213-ADL

Quant Time: Dec 19 08:36:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 19 06:31:00 2024
 Response via : Initial Calibration

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

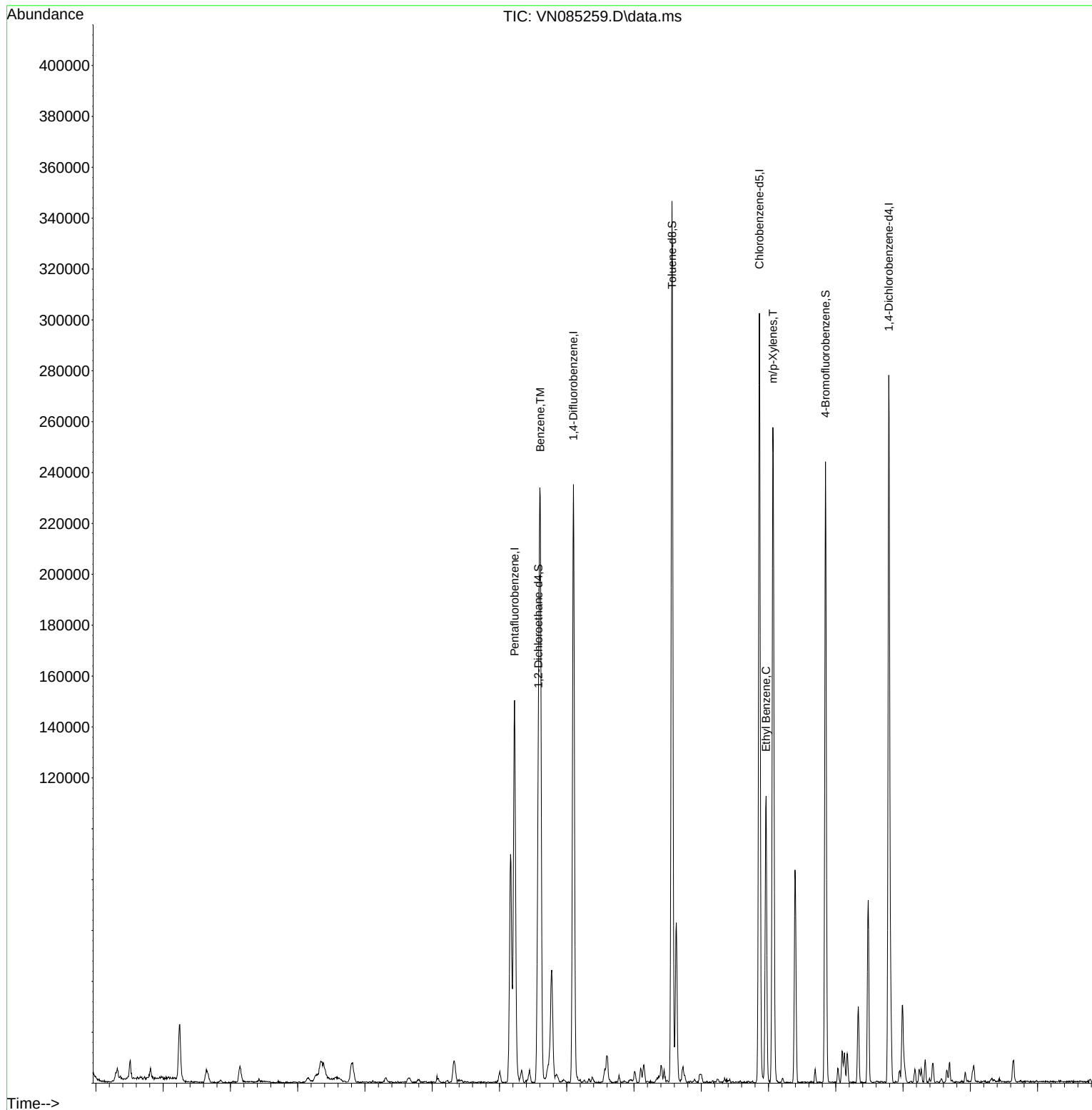
Internal Standards						
1) Pentafluorobenzene	8.224	168	96192	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	181407	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.864	117	156548	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	70463	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.576	65	85847	51.060	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 102.120%			
35) Dibromofluoromethane	8.165	113	61548	48.258	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 96.520%			
50) Toluene-d8	10.565	98	226792	48.652	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.300%			
62) 4-Bromofluorobenzene	12.847	95	78073	46.892	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.780%			
Target Compounds						
19) Methyl tert-butyl Ether	5.794	73	3727	0.990	ug/l #	1
39) Methylcyclohexane	9.600	83	4128	2.234	ug/l #	83
40) Benzene	8.606	78	207830	37.618	ug/l	100
52) Toluene	10.629	92	25654	7.722	ug/l	97
67) Ethyl Benzene	11.964	91	77456	12.842	ug/l	100
68) m/p-Xylenes	12.064	106	79448	35.218	ug/l	97
69) o-Xylene	12.394	106	23131	10.909	ug/l	94
73) Isopropylbenzene	12.694	105	2803	0.551	ug/l	91
78) n-propylbenzene	13.029	91	4990	0.800	ug/l	94
80) 1,3,5-Trimethylbenzene	13.170	105	6041	1.425	ug/l	97
84) 1,2,4-Trimethylbenzene	13.482	105	38472	8.877	ug/l	100

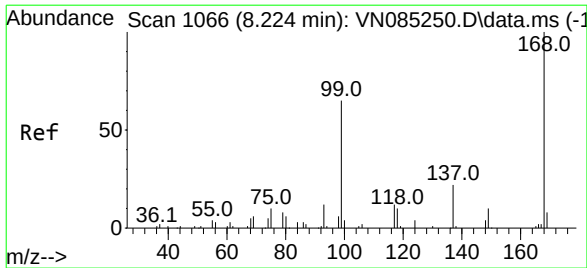
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121824\
Data File : VN085259.D
Acq On : 18 Dec 2024 18:44
Operator : JC\MD
Sample : P5291-10DL 10X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213-ADL

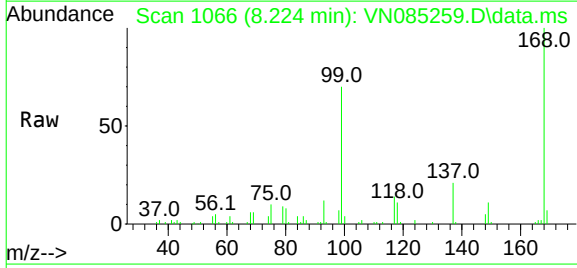
Quant Time: Dec 19 08:36:34 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N121824W.M
Quant Title : SW846 8260
QLast Update : Thu Dec 19 06:31:00 2024
Response via : Initial Calibration



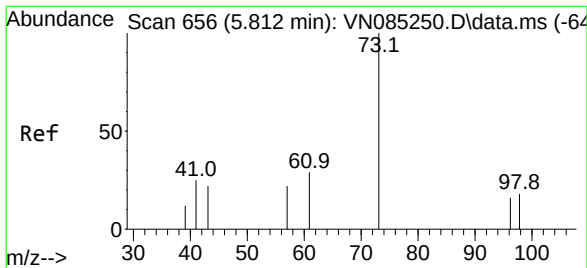
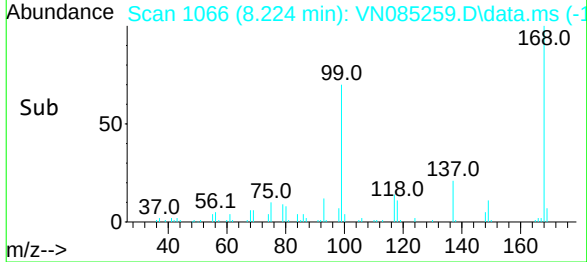
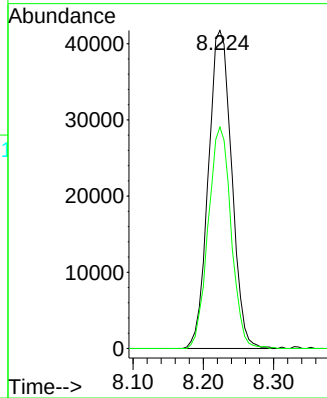


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213-ADL

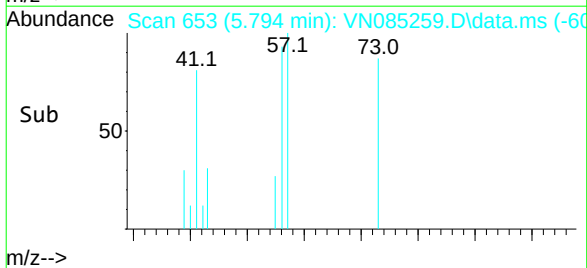
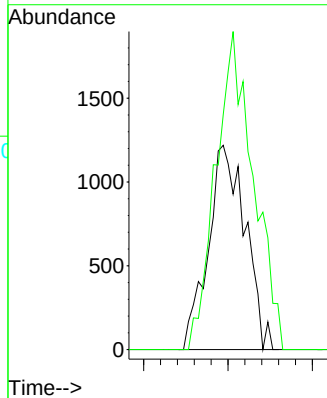
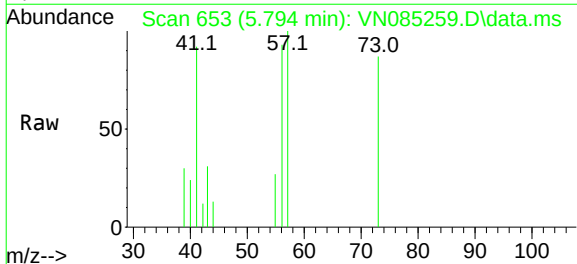


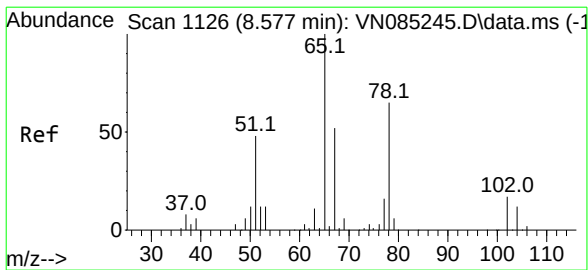
Tgt Ion:168 Resp: 96192
Ion Ratio Lower Upper
168 100
99 69.6 50.7 76.1



#19
Methyl tert-butyl Ether
Concen: 0.990 ug/l
RT: 5.794 min Scan# 653
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 73 Resp: 3727
Ion Ratio Lower Upper
73 100
57 115.0 17.0 25.6#

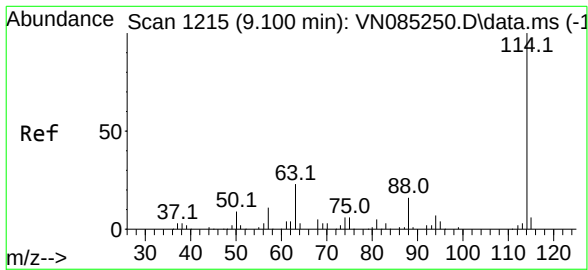
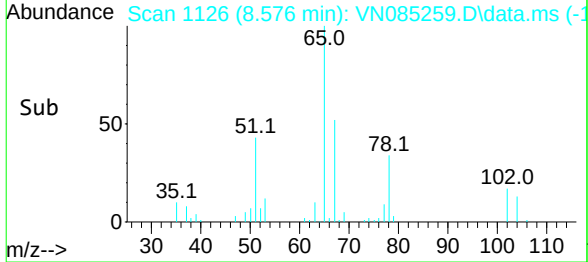
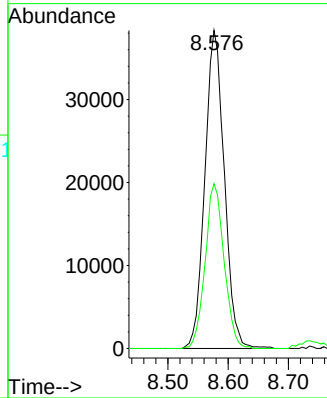
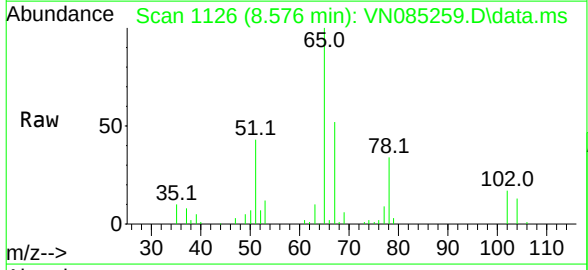




#33
 1,2-Dichloroethane-d4
 Concen: 51.060 ug/l
 RT: 8.576 min Scan# 1116
 Delta R.T. -0.000 min
 Lab File: VN085259.D
 Acq: 18 Dec 2024 18:44

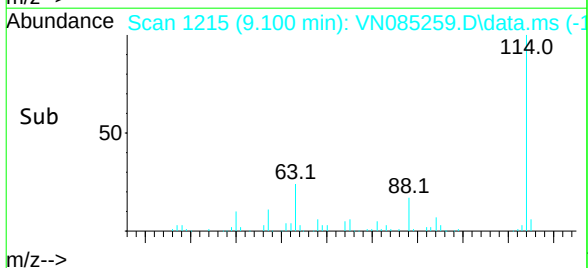
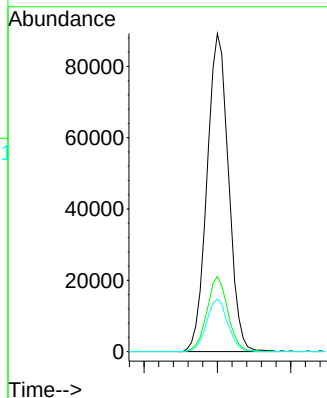
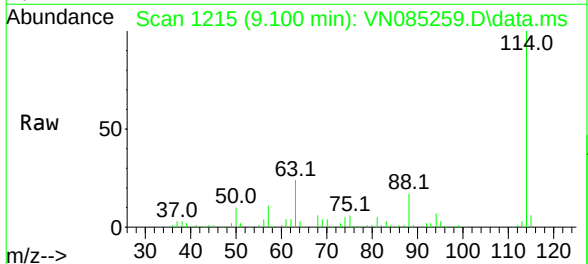
Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213-ADL

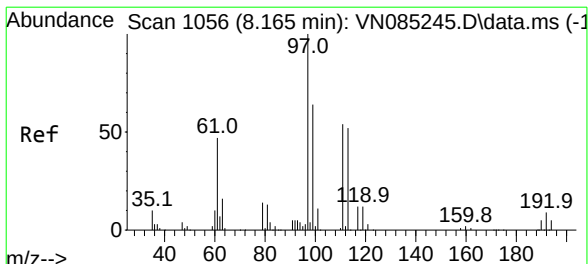
Tgt Ion:	65	Resp:	85847
Ion	Ratio	Lower	Upper
65	100		
67	50.5	0.0	102.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. -0.000 min
 Lab File: VN085259.D
 Acq: 18 Dec 2024 18:44

Tgt Ion:	114	Resp:	181407
Ion	Ratio	Lower	Upper
114	100		
63	23.6	0.0	46.2
88	16.5	0.0	32.6

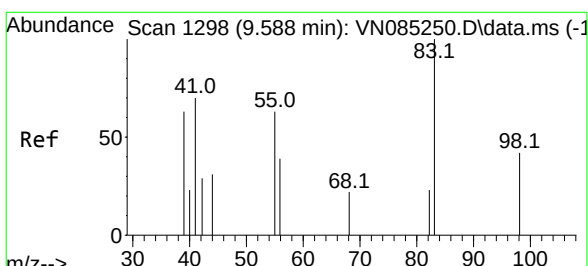
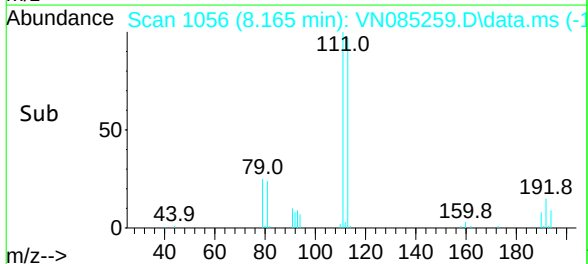
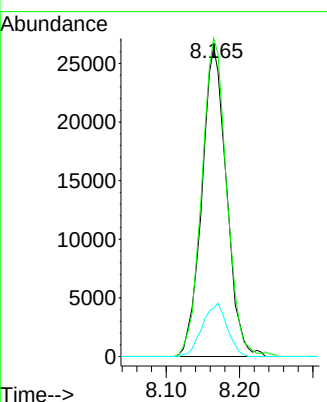
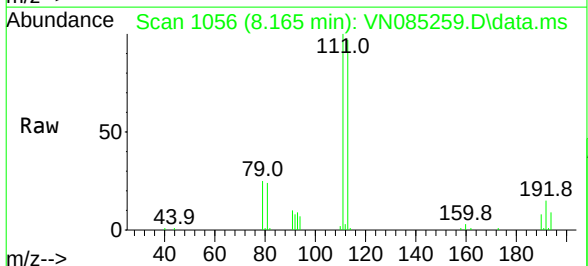




#35
 Dibromofluoromethane
 Concen: 48.258 ug/l
 RT: 8.165 min Scan# 10
 Delta R.T. -0.000 min
 Lab File: VN085259.D
 Acq: 18 Dec 2024 18:44

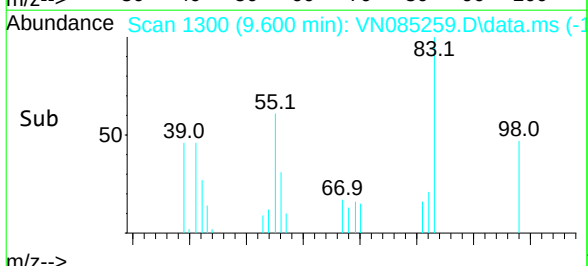
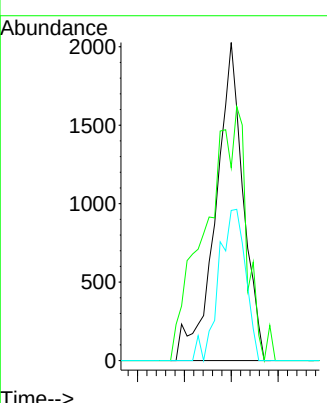
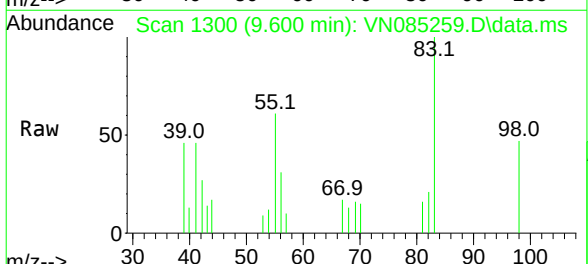
Instrument : MSVOA_N
 ClientSampleId : MW6-20241213-ADL

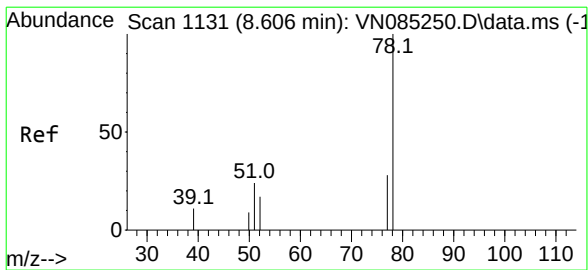
Tgt Ion:	113	Resp:	61548
Ion	Ratio	Lower	Upper
113	100		
111	103.5	82.1	123.1
192	17.2	13.4	20.0



#39
 Methylcyclohexane
 Concen: 2.234 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN085259.D
 Acq: 18 Dec 2024 18:44

Tgt Ion:	83	Resp:	4128
Ion	Ratio	Lower	Upper
83	100		
55	60.6	66.8	100.2
98	47.2	39.4	59.2





#40

Benzene

Concen: 37.618 ug/l

RT: 8.606 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

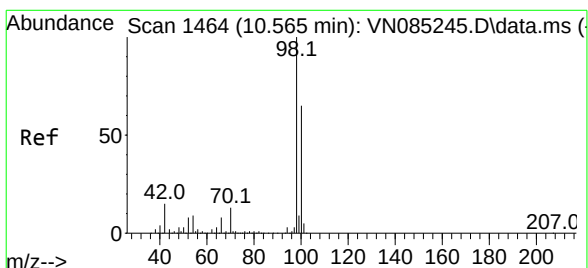
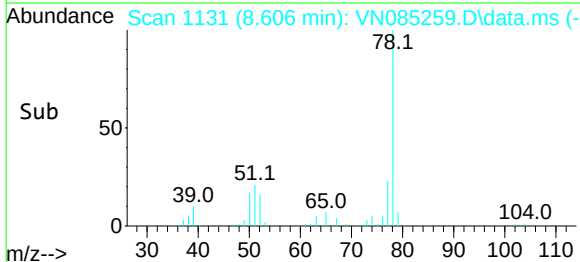
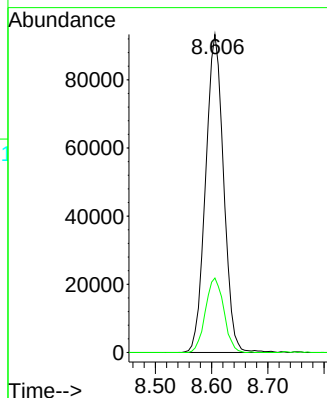
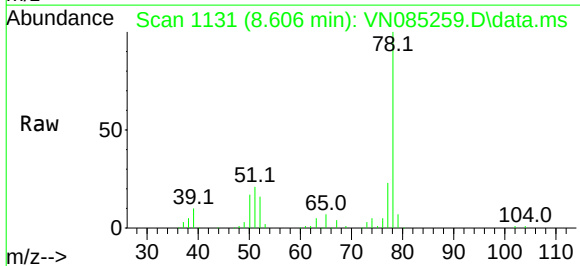
MW6-20241213-ADL

Tgt Ion: 78 Resp: 207830

Ion Ratio Lower Upper

78 100

77 23.4 18.9 28.3



#50

Toluene-d8

Concen: 48.652 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN085259.D

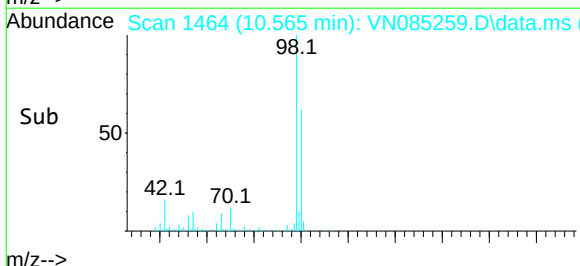
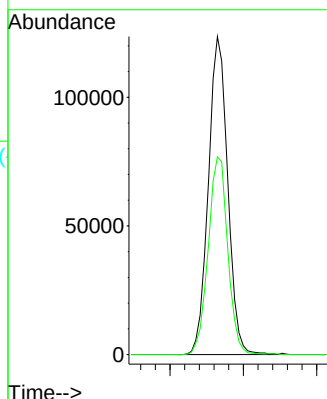
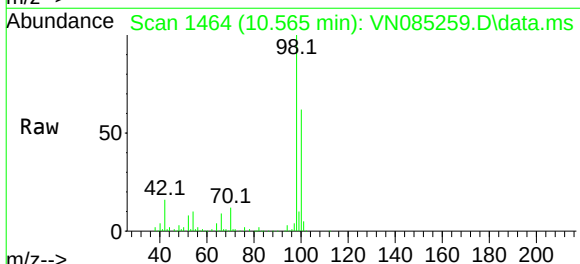
Acq: 18 Dec 2024 18:44

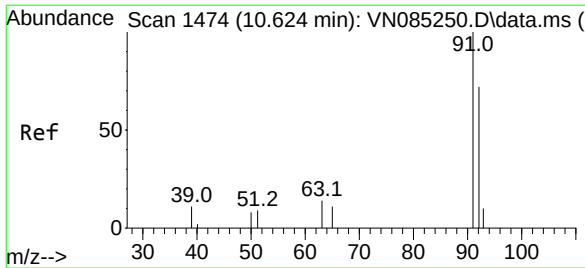
Tgt Ion: 98 Resp: 226792

Ion Ratio Lower Upper

98 100

100 62.9 51.6 77.4





#52

Toluene

Concen: 7.722 ug/l

RT: 10.629 min Scan# 1474

Delta R.T. -0.000 min

Lab File: VN085259.D

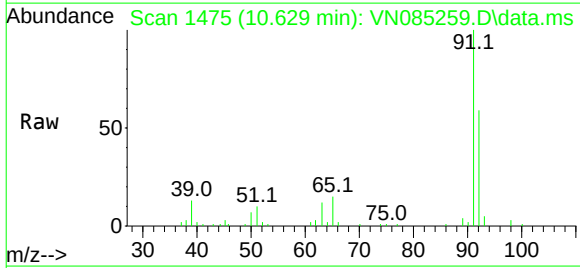
Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

MW6-20241213-ADL

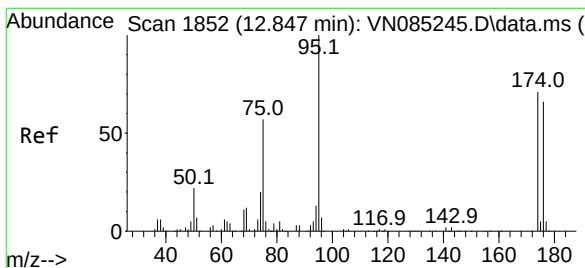
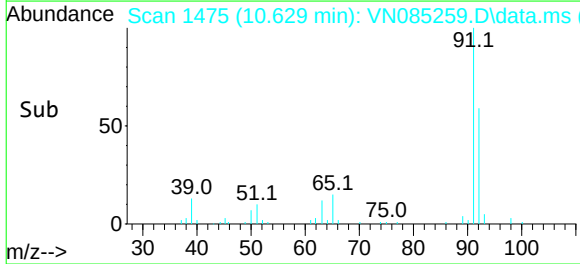
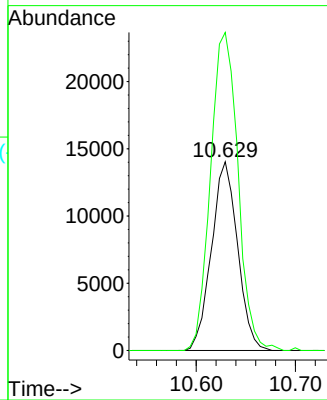


Tgt Ion: 92 Resp: 25654

Ion Ratio Lower Upper

92 100

91 177.2 138.9 208.3



#62

4-Bromofluorobenzene

Concen: 46.892 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

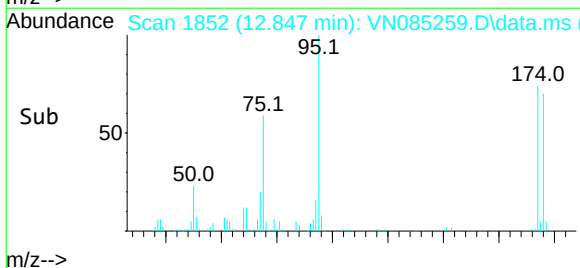
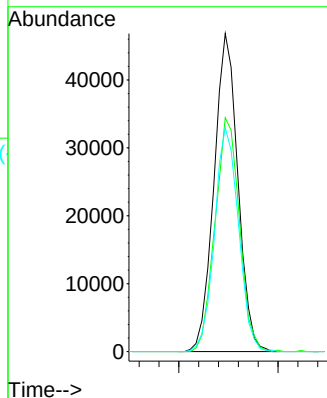
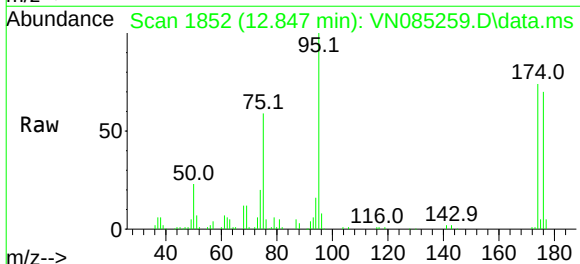
Tgt Ion: 95 Resp: 78073

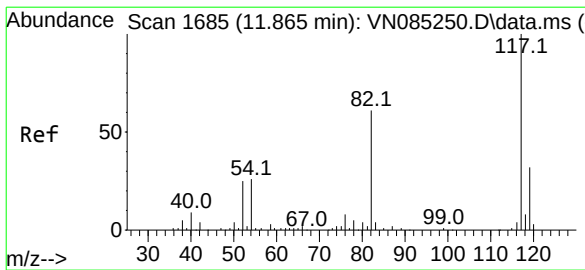
Ion Ratio Lower Upper

95 100

174 75.2 0.0 144.4

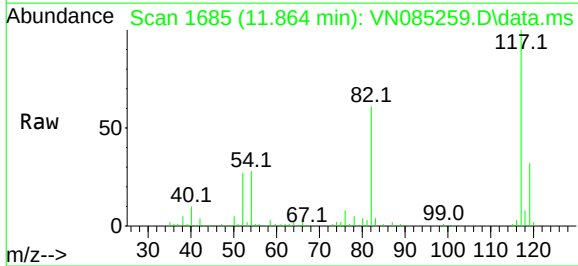
176 70.9 0.0 136.6



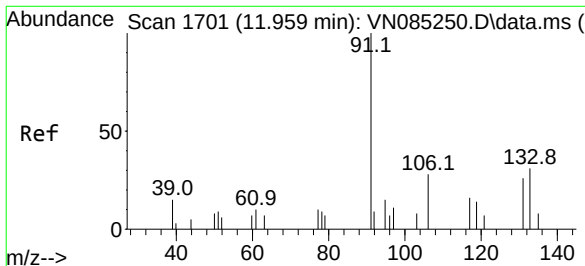
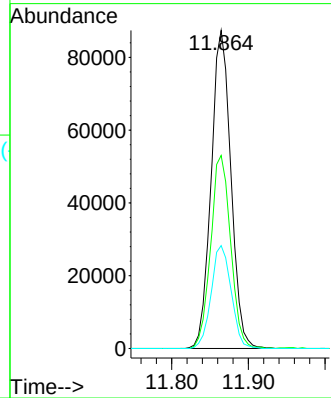
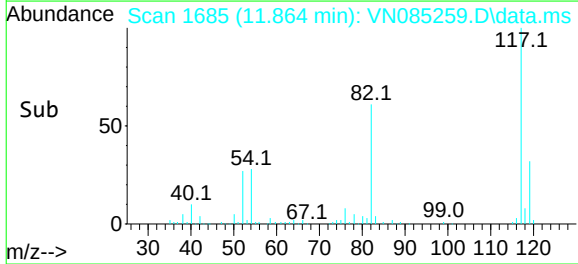


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.864 min Scan# 16
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213-ADL

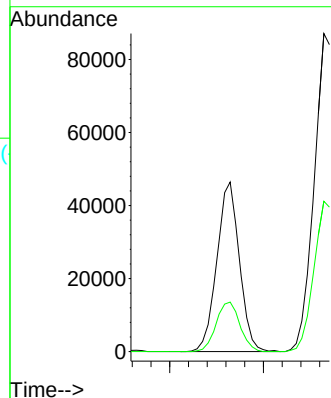
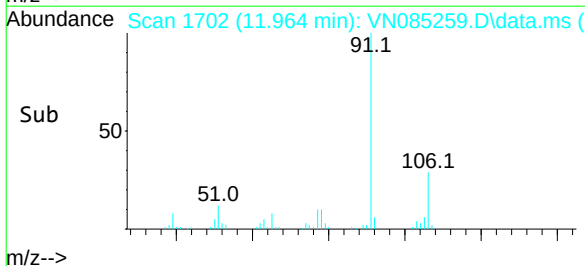
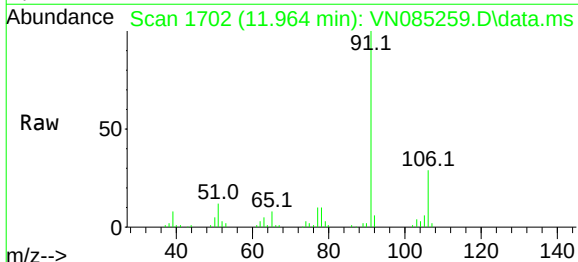


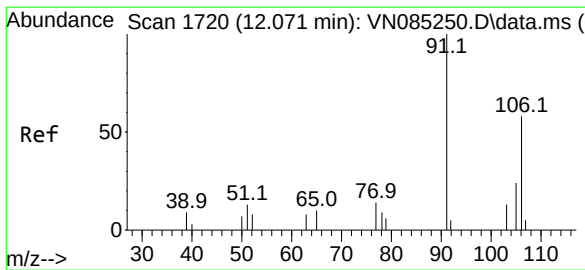
Tgt Ion:117 Resp: 156548
Ion Ratio Lower Upper
117 100
82 60.7 47.4 71.2
119 32.4 25.6 38.4



#67
Ethyl Benzene
Concen: 12.842 ug/l
RT: 11.964 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion: 91 Resp: 77456
Ion Ratio Lower Upper
91 100
106 29.2 23.5 35.3

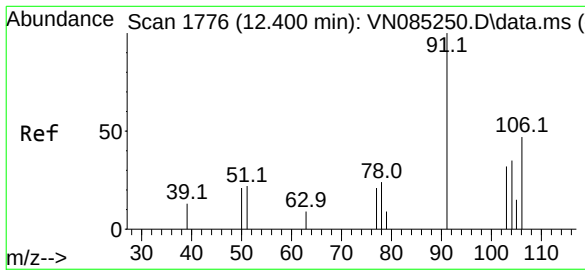
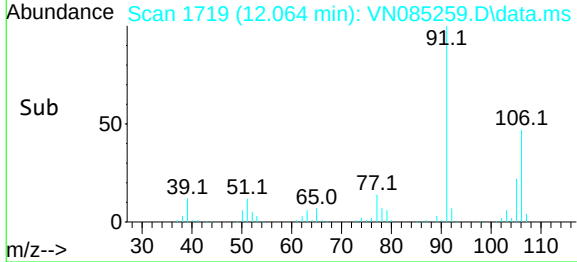
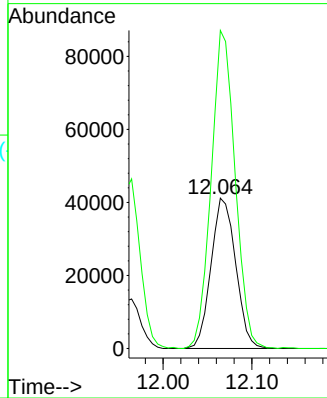
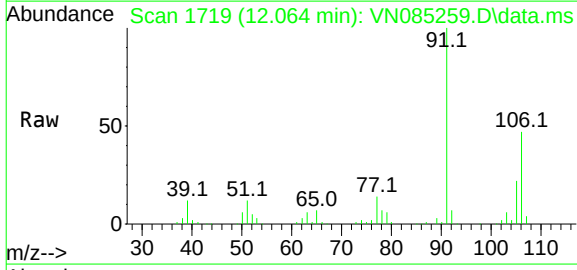




#68
m/p-Xylenes
Concen: 35.218 ug/l
RT: 12.064 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

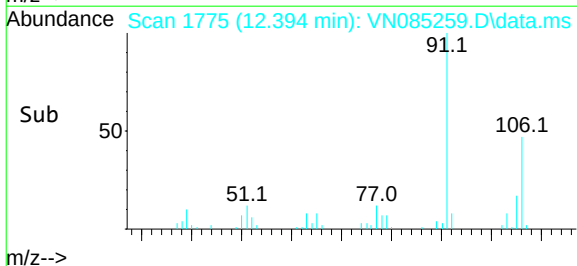
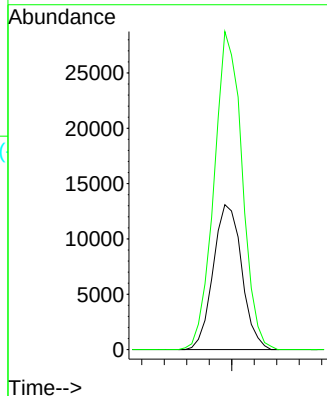
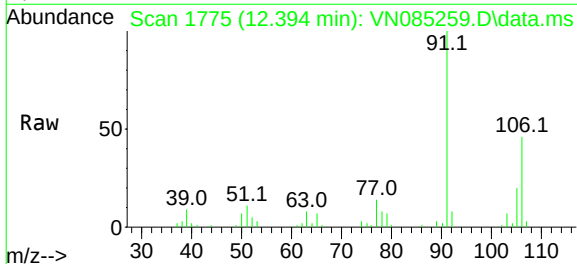
Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213-ADL

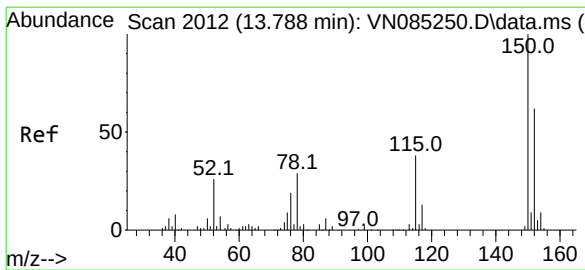
Tgt Ion:106 Resp: 79448
Ion Ratio Lower Upper
106 100
91 205.4 168.3 252.5



#69
o-Xylene
Concen: 10.909 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

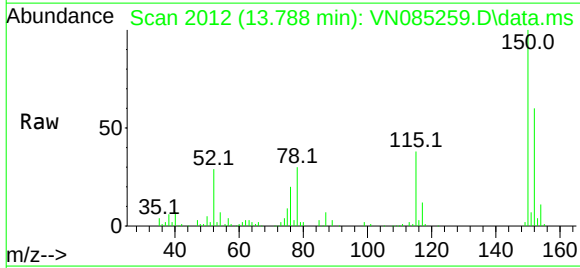
Tgt Ion:106 Resp: 23131
Ion Ratio Lower Upper
106 100
91 215.1 112.1 336.2



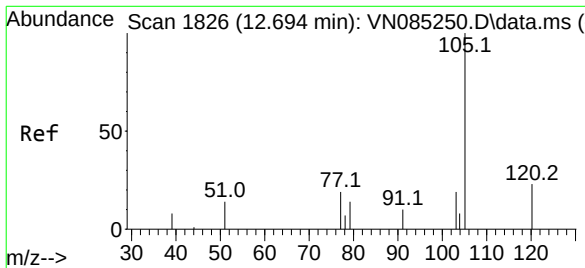
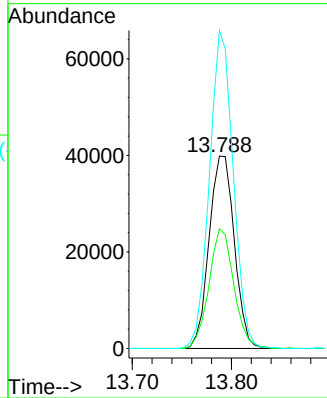
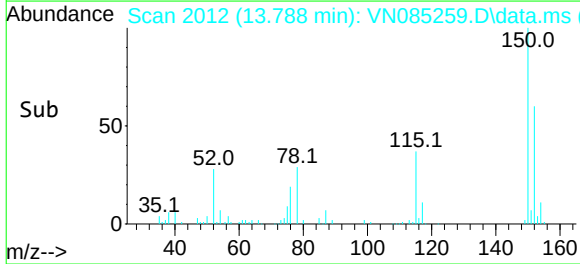


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Instrument :
MSVOA_N
ClientSampleId :
MW6-20241213-ADL

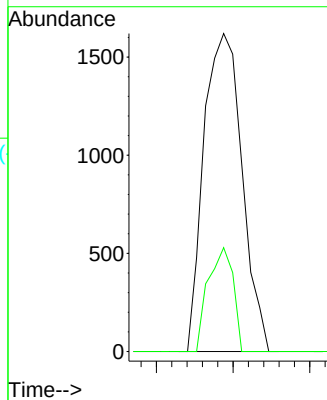
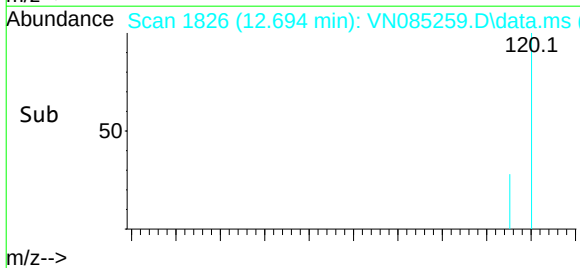
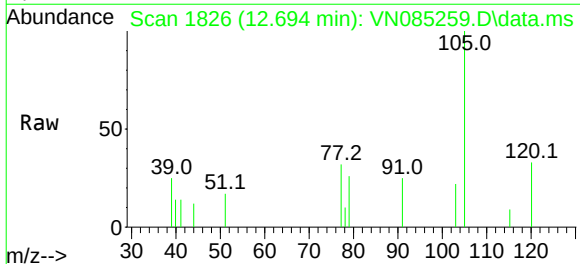


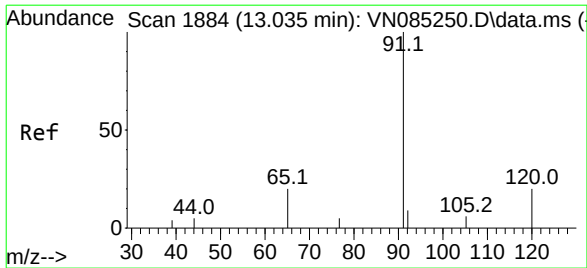
Tgt Ion	Ratio	Lower	Upper
152	100		
115	61.4	32.1	96.3
150	156.2	0.0	354.6



#73
Isopropylbenzene
Concen: 0.551 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN085259.D
Acq: 18 Dec 2024 18:44

Tgt Ion	Ratio	Lower	Upper
105	100		
120	21.4	13.0	38.9





#78

n-propylbenzene

Concen: 0.800 ug/l

RT: 13.029 min Scan# 18

Delta R.T. -0.006 min

Lab File: VN085259.D

Acq: 18 Dec 2024 18:44

Instrument :

MSVOA_N

ClientSampleId :

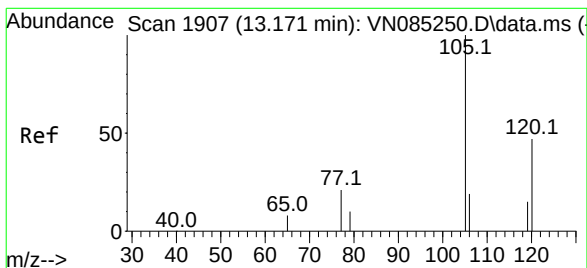
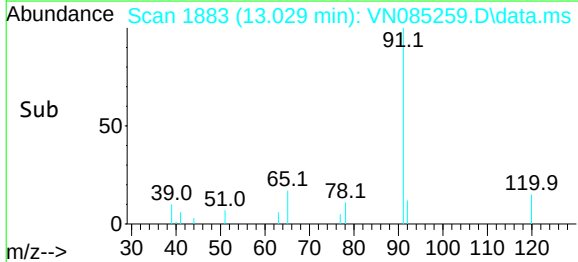
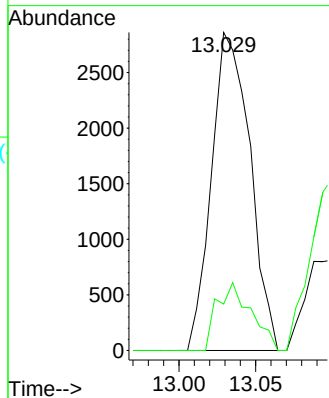
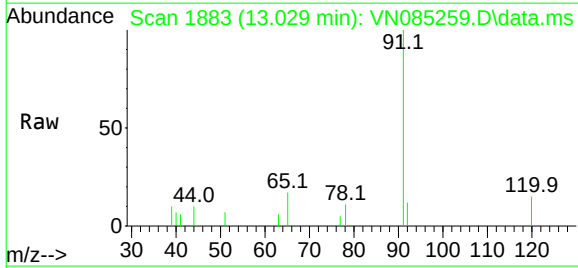
MW6-20241213-ADL

Tgt Ion: 91 Resp: 4990

Ion Ratio Lower Upper

91 100

120 18.8 10.8 32.3



#80

1,3,5-Trimethylbenzene

Concen: 1.425 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN085259.D

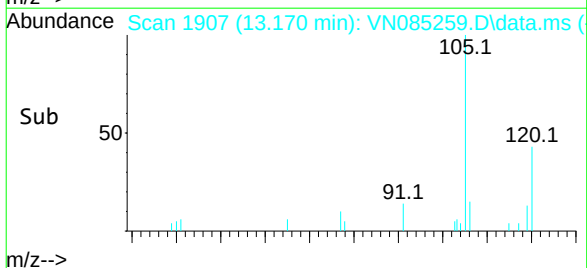
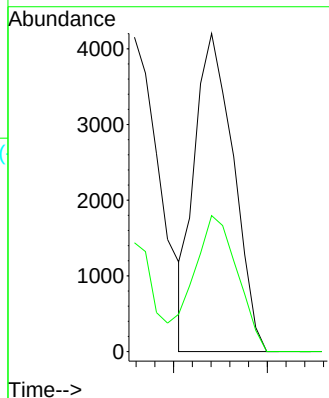
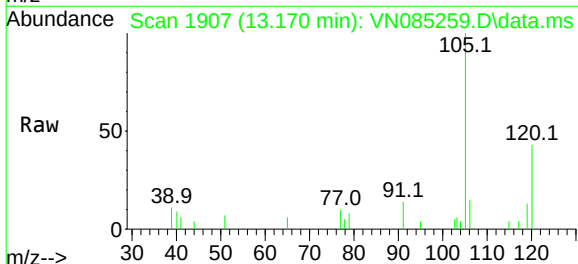
Acq: 18 Dec 2024 18:44

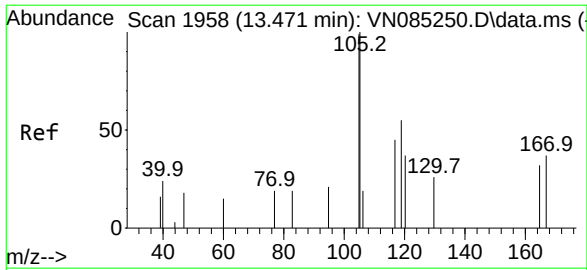
Tgt Ion:105 Resp: 6041

Ion Ratio Lower Upper

105 100

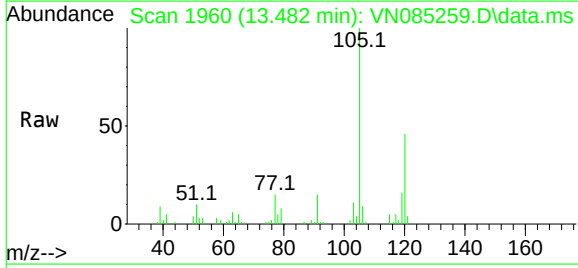
120 48.9 23.4 70.2





#84
 1,2,4-Trimethylbenzene
 Concen: 8.877 ug/l
 RT: 13.482 min Scan# 19
 Delta R.T. -0.000 min
 Lab File: VN085259.D
 Acq: 18 Dec 2024 18:44

Instrument :
 MSVOA_N
 ClientSampleId :
 MW6-20241213-ADL



Tgt Ion:105 Resp: 38472
 Ion Ratio Lower Upper
 105 100
 120 43.5 21.8 65.3

