

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
 Data File : VN084683.D
 Acq On : 05 Nov 2024 13:23
 Operator : JC\MD
 Sample : P4704-02 4X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2056

Quant Time: Nov 06 00:29:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 18:45:38 2024
 Response via : Initial Calibration

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

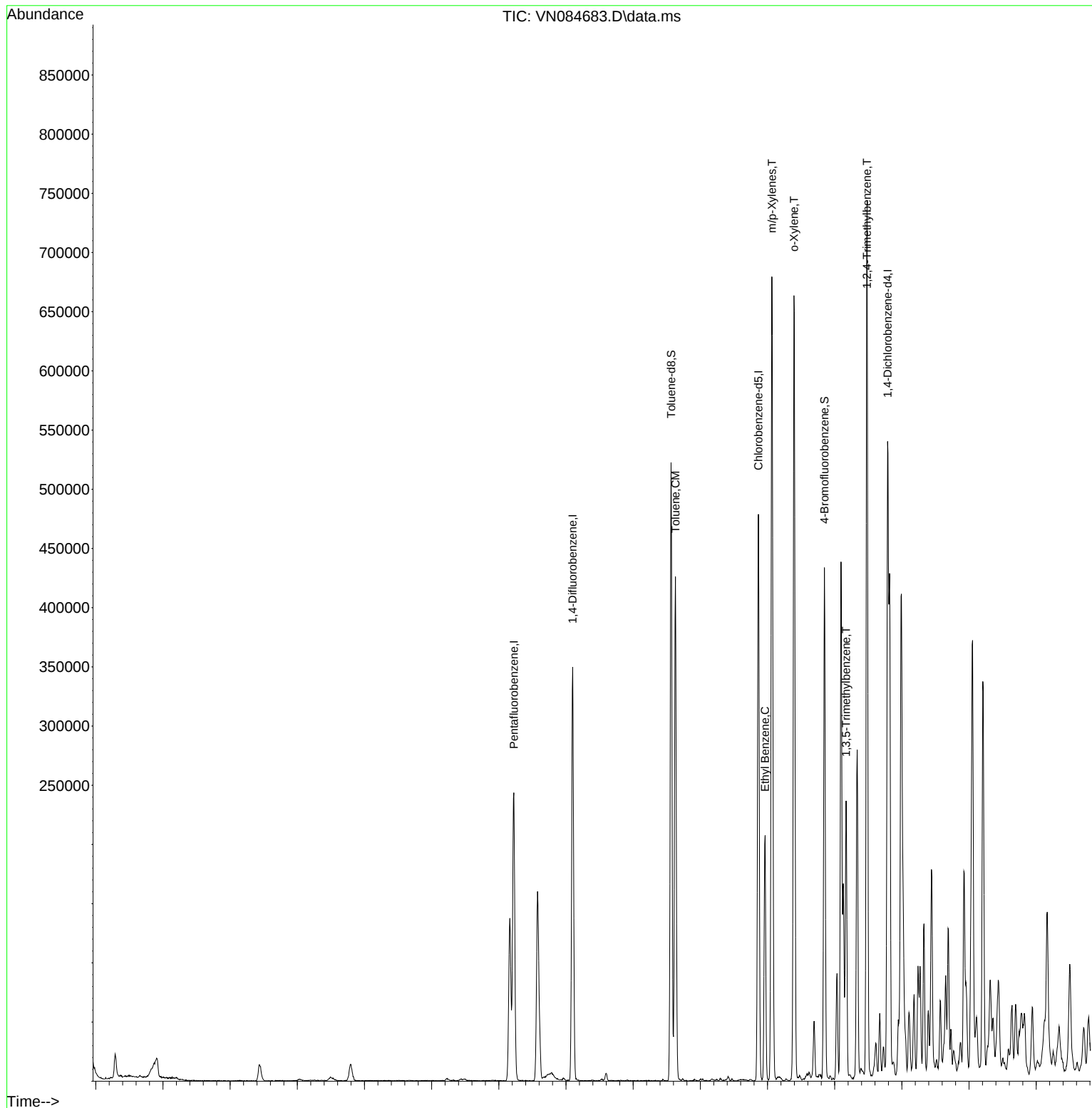
Internal Standards						
1) Pentafluorobenzene	8.224	168	175141	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	300747	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	274614	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	142093	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	121223	47.921	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.840%		
35) Dibromofluoromethane	8.165	113	100419	49.329	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	98.660%		
50) Toluene-d8	10.565	98	352537	47.012	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.020%		
62) 4-Bromofluorobenzene	12.847	95	150037	53.536	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	107.080%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	7297	7.216	ug/l	99
19) Methyl tert-butyl Ether	5.794	73	22231	3.637	ug/l	97
25) 2-Butanone	7.488	43	2463	2.087	ug/l #	86
39) Methylcyclohexane	9.600	83	2768	0.964	ug/l	85
40) Benzene	8.606	78	38608	4.258	ug/l	95
52) Toluene	10.629	92	188264	35.503	ug/l	100
67) Ethyl Benzene	11.965	91	152027	14.825	ug/l	99
68) m/p-Xylenes	12.065	106	209321	53.915	ug/l	99
69) o-Xylene	12.394	106	183533	50.533	ug/l	98
73) Isopropylbenzene	12.694	105	29813	2.994	ug/l	99
78) n-propylbenzene	13.035	91	68613	5.880	ug/l	98
80) 1,3,5-Trimethylbenzene	13.170	105	123392	14.951	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	421938	49.536	ug/l	99
85) sec-Butylbenzene	13.611	105	18602	1.928	ug/l	91
86) p-Isopropyltoluene	13.729	119	11698	1.478	ug/l	96
95) Naphthalene	15.641	128	52851	6.426	ug/l	100

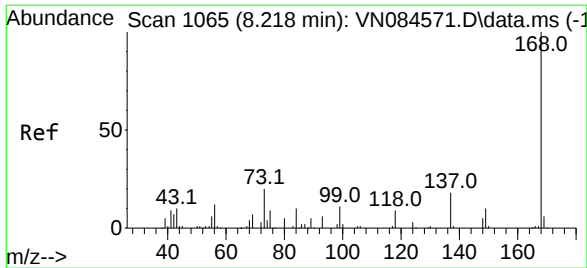
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110524\
Data File : VN084683.D
Acq On : 05 Nov 2024 13:23
Operator : JC\MD
Sample : P4704-02 4X
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

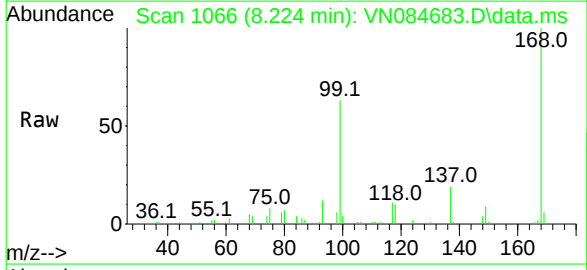
Quant Time: Nov 06 00:29:29 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
Response via : Initial Calibration



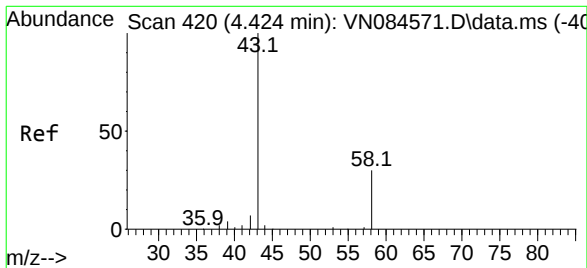
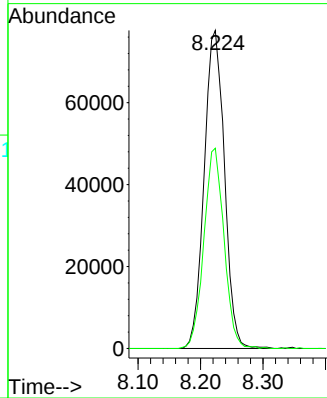
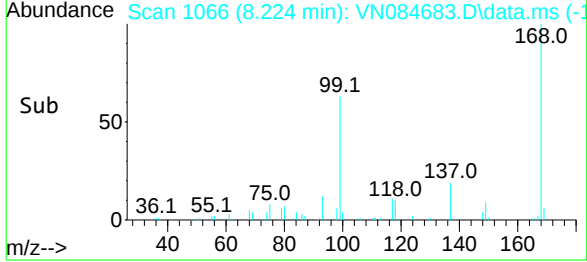


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

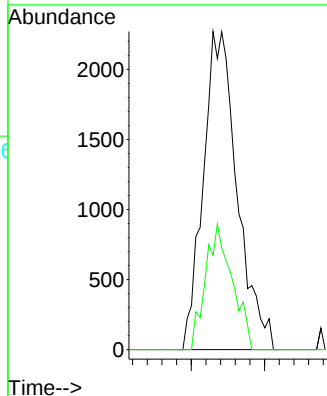
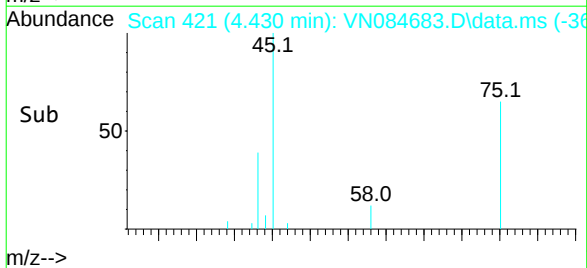
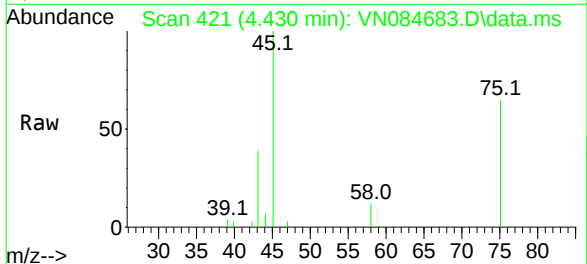


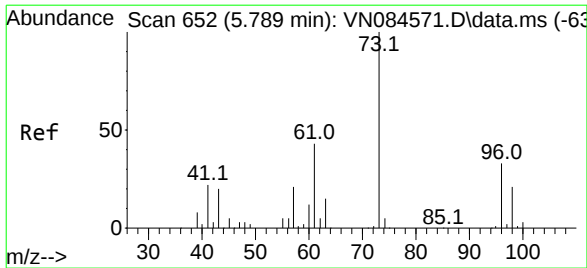
Tgt Ion:168 Resp: 175141
Ion Ratio Lower Upper
168 100
99 63.0 54.2 81.2



#16
Acetone
Concen: 7.216 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion: 43 Resp: 7297
Ion Ratio Lower Upper
43 100
58 29.7 24.4 36.6

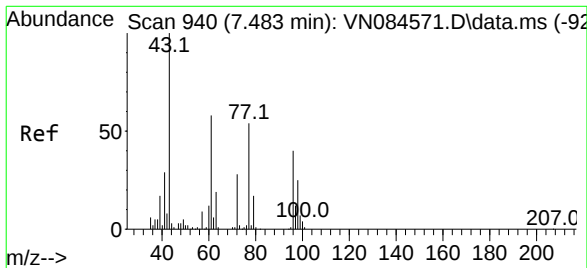
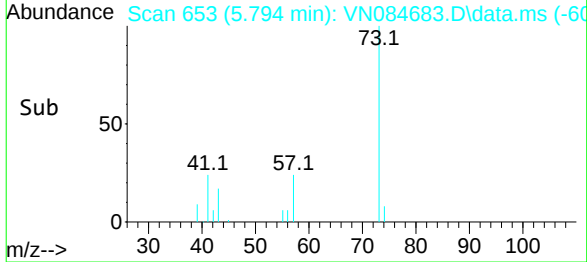
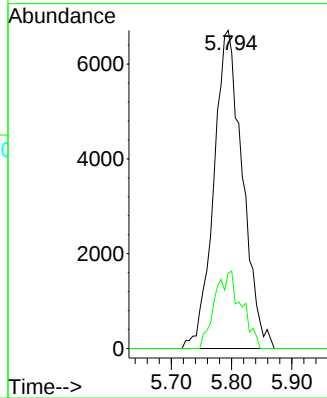
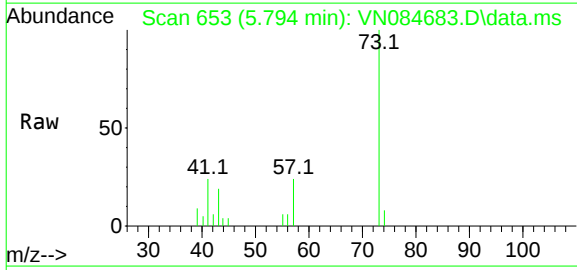




#19
Methyl tert-butyl Ether
Concen: 3.637 ug/l
RT: 5.794 min Scan# 65
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

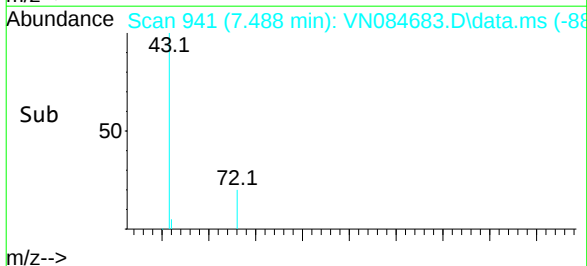
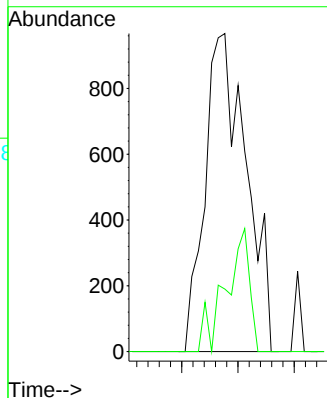
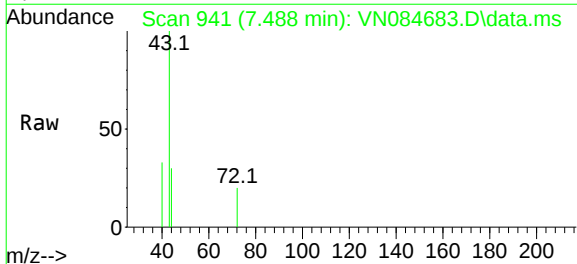
Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

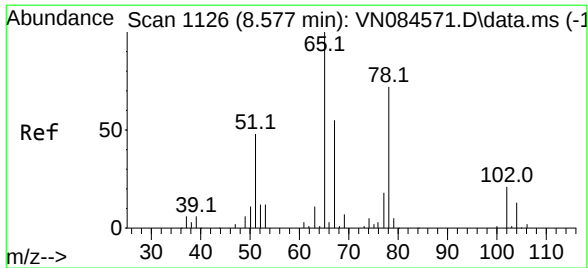
Tgt Ion: 73 Resp: 22231
Ion Ratio Lower Upper
73 100
57 23.6 17.7 26.5



#25
2-Butanone
Concen: 2.087 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion: 43 Resp: 2463
Ion Ratio Lower Upper
43 100
72 19.6 21.4 32.2#

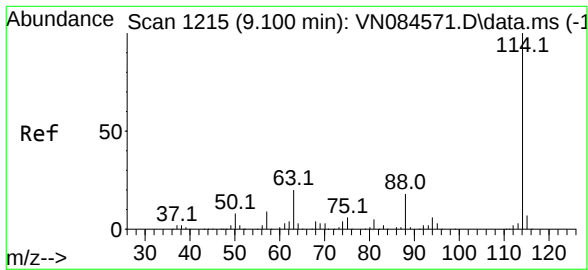
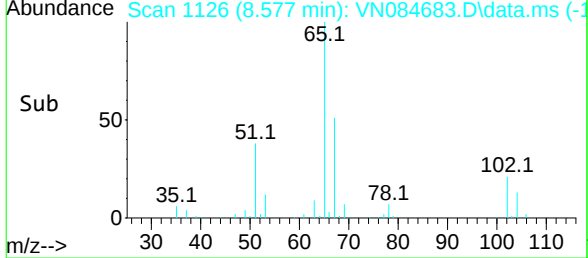
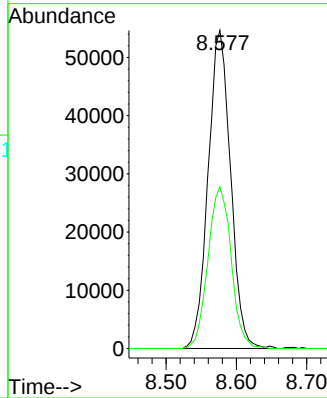
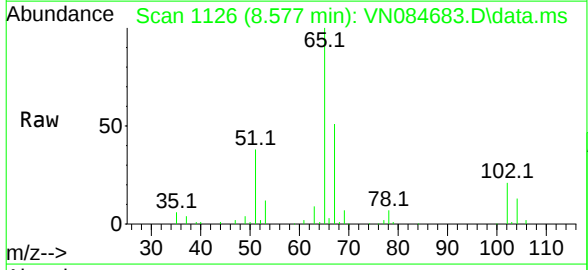




#33
 1,2-Dichloroethane-d4
 Concen: 47.921 ug/l
 RT: 8.577 min Scan# 111
 Delta R.T. -0.000 min
 Lab File: VN084683.D
 Acq: 05 Nov 2024 13:23

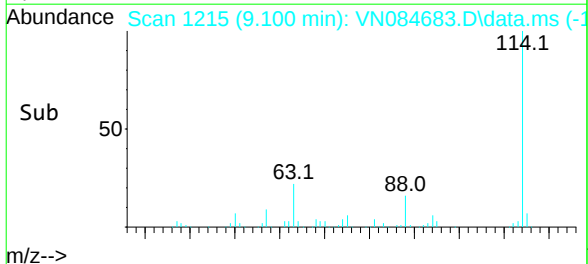
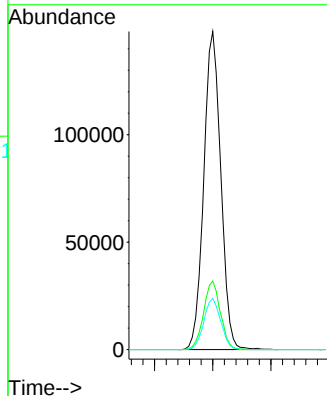
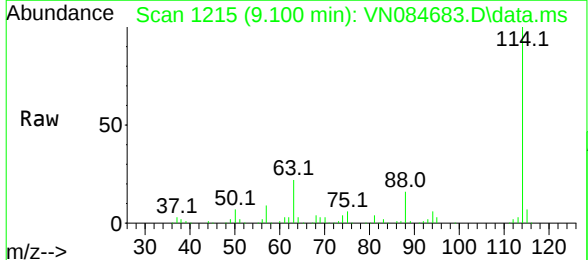
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2056

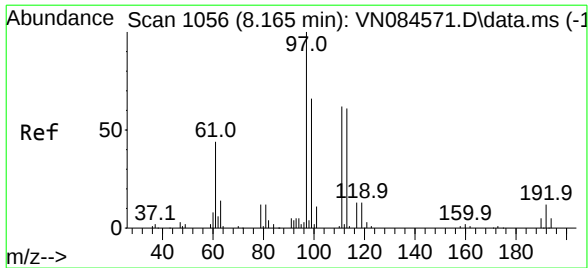
Tgt Ion: 65 Resp: 121223
 Ion Ratio Lower Upper
 65 100
 67 52.4 0.0 102.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.100 min Scan# 1215
 Delta R.T. 0.000 min
 Lab File: VN084683.D
 Acq: 05 Nov 2024 13:23

Tgt Ion: 114 Resp: 300747
 Ion Ratio Lower Upper
 114 100
 63 21.6 0.0 43.8
 88 16.1 0.0 31.6

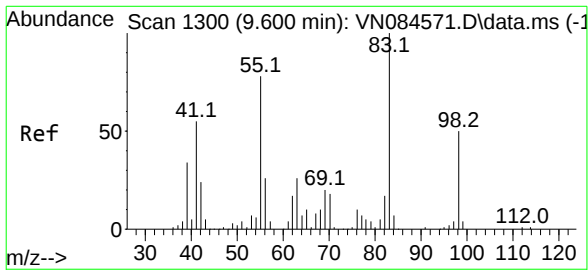
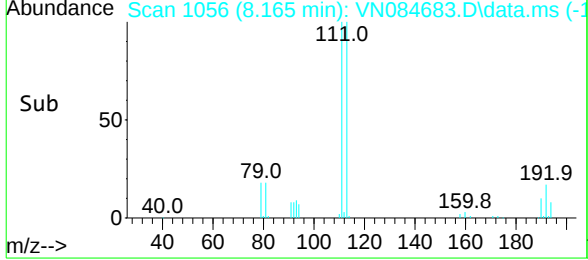
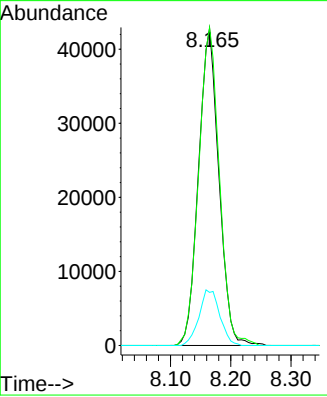
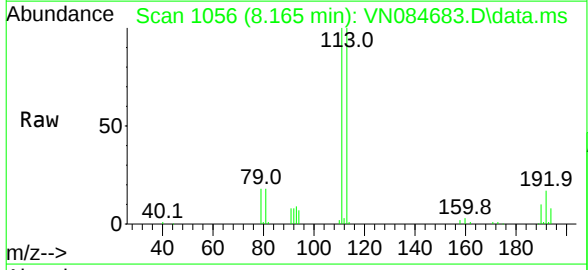




#35
 Dibromofluoromethane
 Concen: 49.329 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. -0.000 min
 Lab File: VN084683.D
 Acq: 05 Nov 2024 13:23

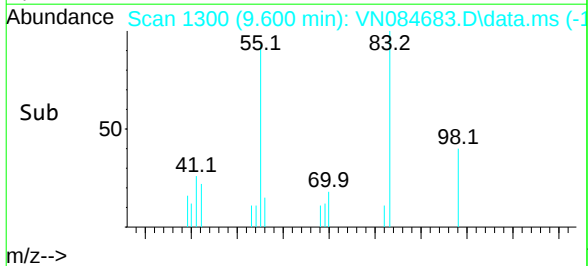
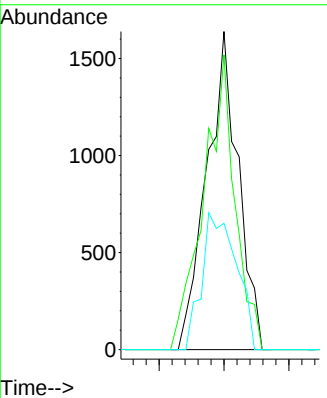
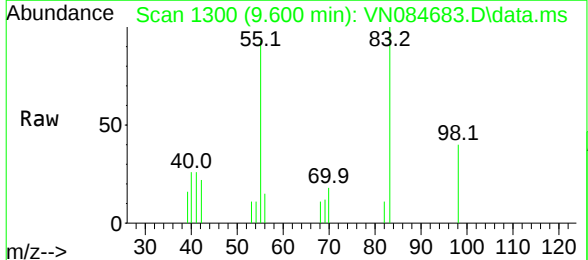
Instrument :
 MSVOA_N
 ClientSampleId :
 NWB-2056

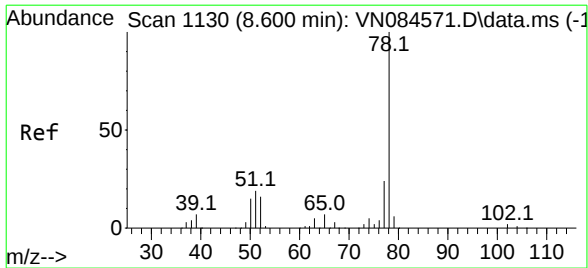
Tgt Ion:	113	Resp:	100419
Ion	Ratio	Lower	Upper
113	100		
111	102.0	83.3	124.9
192	18.0	13.5	20.3



#39
 Methylcyclohexane
 Concen: 0.964 ug/l
 RT: 9.600 min Scan# 1300
 Delta R.T. -0.000 min
 Lab File: VN084683.D
 Acq: 05 Nov 2024 13:23

Tgt Ion:	83	Resp:	2768
Ion	Ratio	Lower	Upper
83	100		
55	92.7	62.8	94.2
98	39.7	38.8	58.2

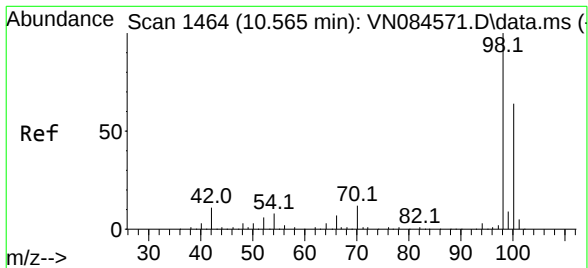
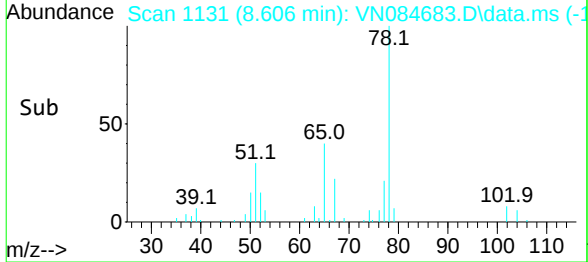
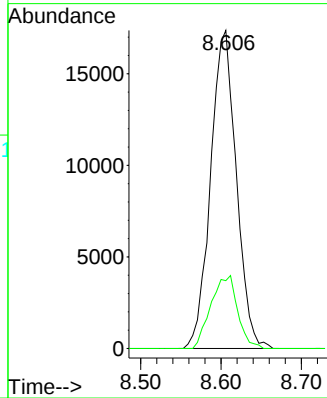
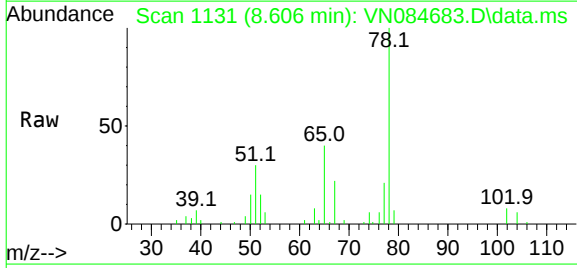




#40
Benzene
Concen: 4.258 ug/l
RT: 8.606 min Scan# 1130
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

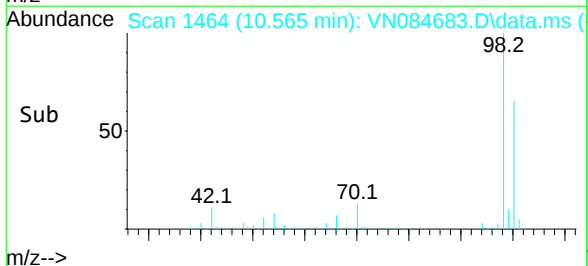
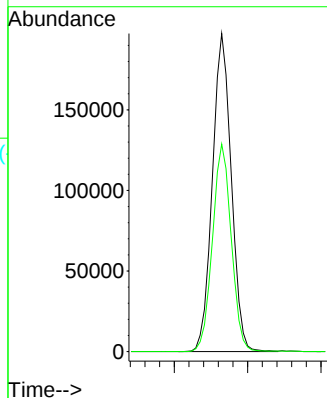
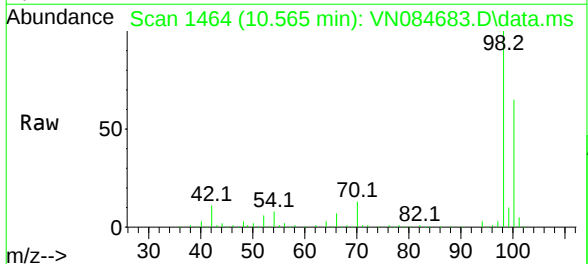
Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

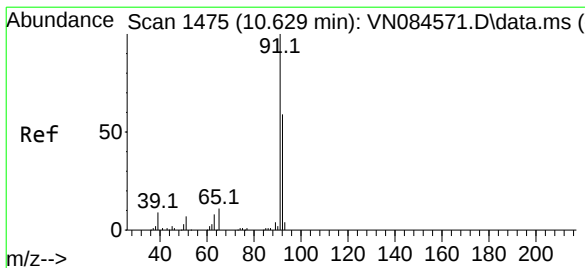
Tgt Ion: 78 Resp: 38608
Ion Ratio Lower Upper
78 100
77 21.3 19.1 28.7



#50
Toluene-d8
Concen: 47.012 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion: 98 Resp: 352537
Ion Ratio Lower Upper
98 100
100 65.0 52.7 79.1





#52

Toluene

Concen: 35.503 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN084683.D

Acq: 05 Nov 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

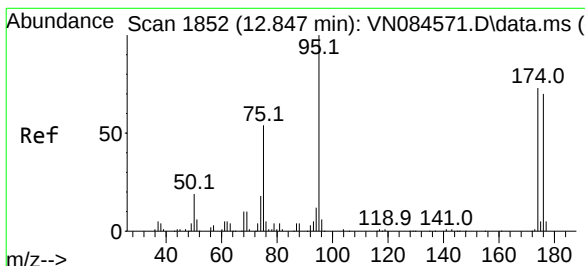
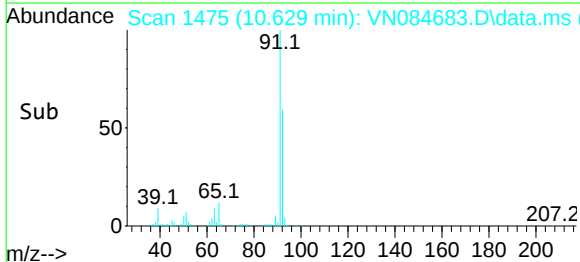
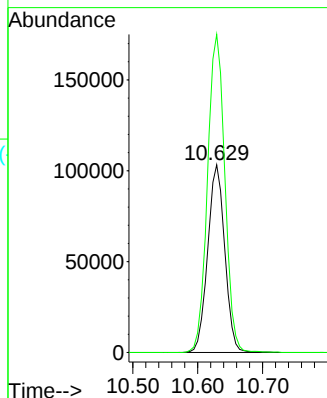
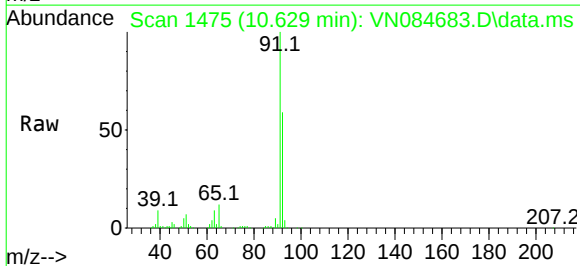
NWB-2056

Tgt Ion: 92 Resp: 188264

Ion Ratio Lower Upper

92 100

91 172.3 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 53.536 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN084683.D

Acq: 05 Nov 2024 13:23

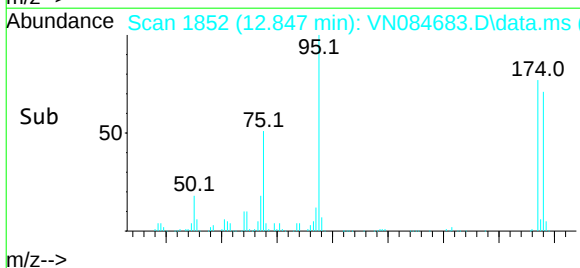
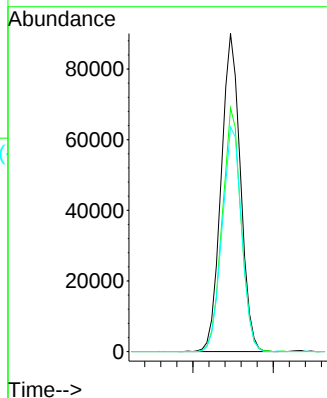
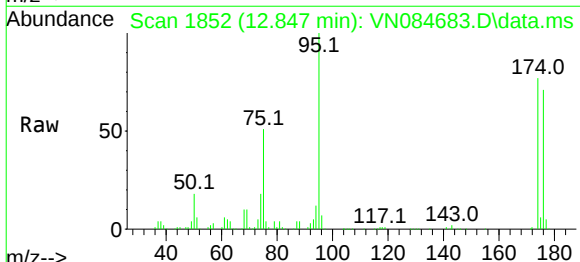
Tgt Ion: 95 Resp: 150037

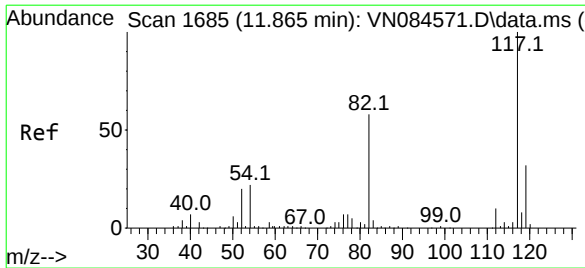
Ion Ratio Lower Upper

95 100

174 75.1 0.0 145.2

176 71.5 0.0 140.0

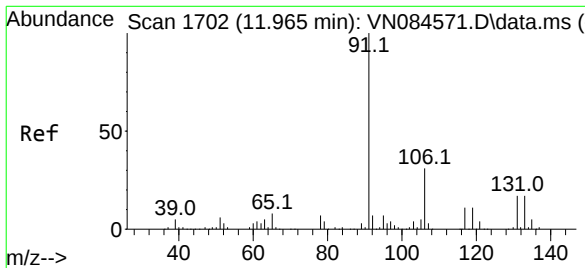
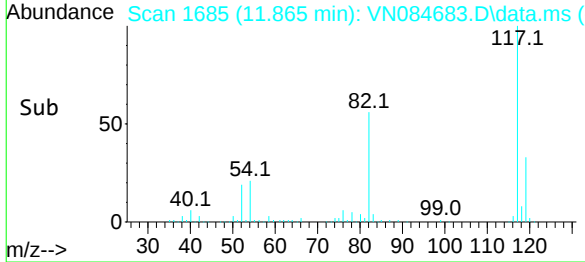
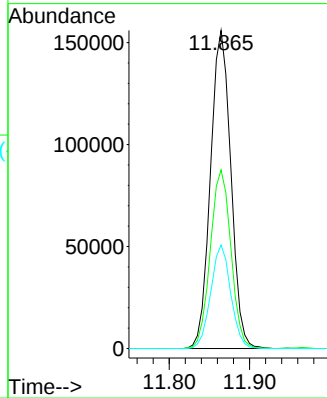
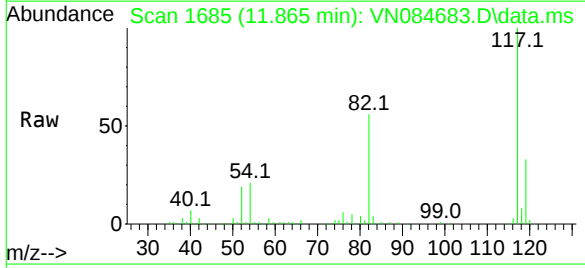




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

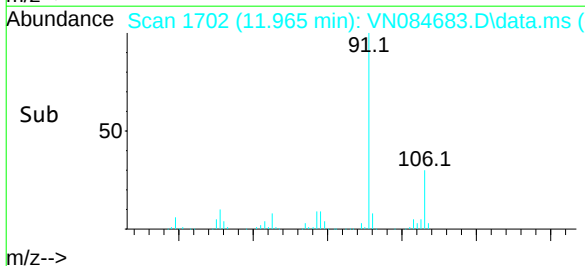
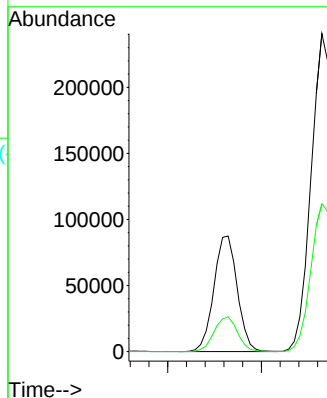
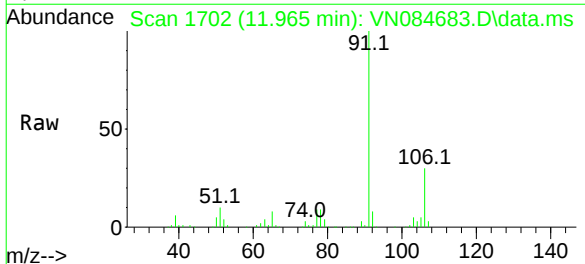
Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

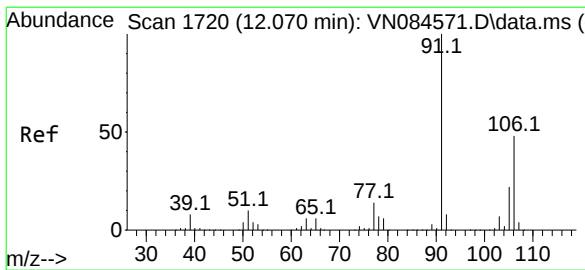
Tgt Ion:117 Resp: 274614
Ion Ratio Lower Upper
117 100
82 56.1 47.2 70.8
119 32.5 25.4 38.0



#67
Ethyl Benzene
Concen: 14.825 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion: 91 Resp: 152027
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

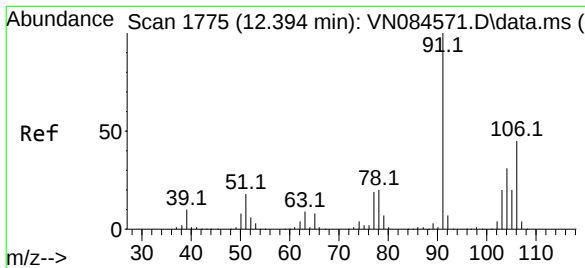
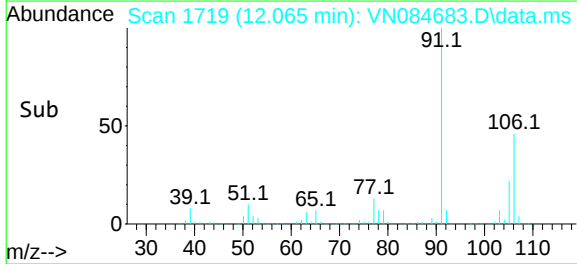
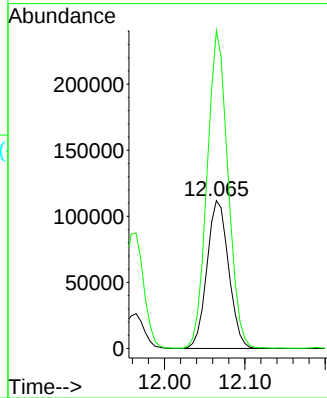
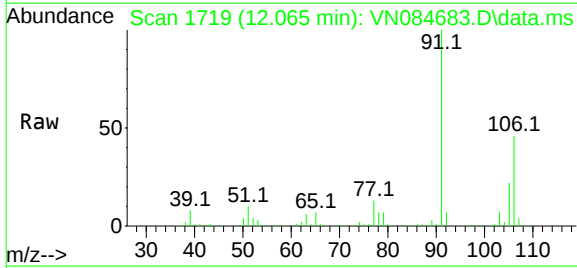




#68
m/p-Xylenes
Concen: 53.915 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

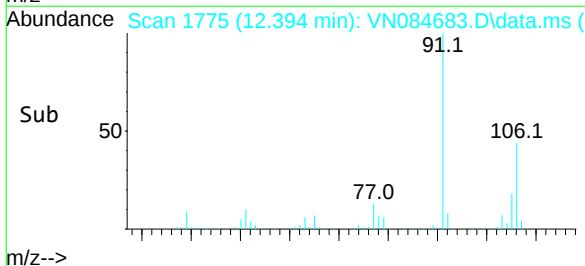
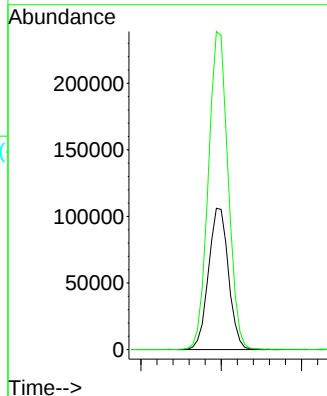
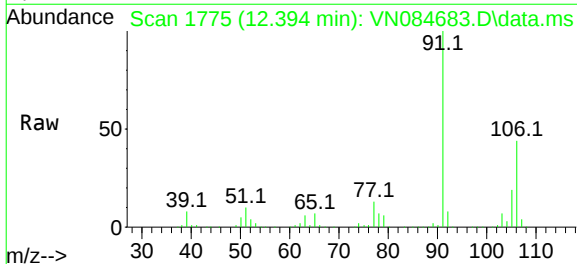
Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

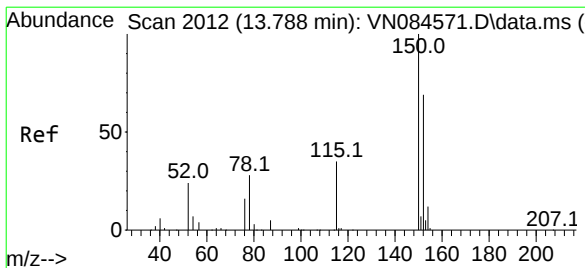
Tgt Ion:106 Resp: 209321
Ion Ratio Lower Upper
106 100
91 207.0 167.1 250.7



#69
o-Xylene
Concen: 50.533 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion:106 Resp: 183533
Ion Ratio Lower Upper
106 100
91 223.0 110.2 330.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN084683.D

Acq: 05 Nov 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

NWB-2056

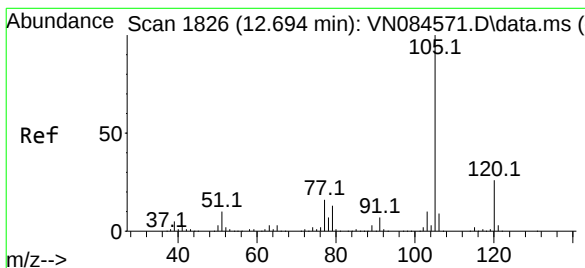
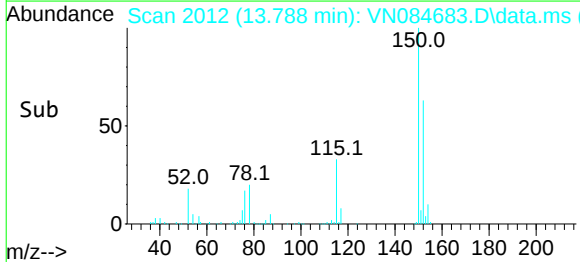
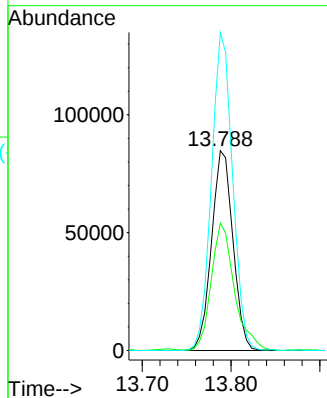
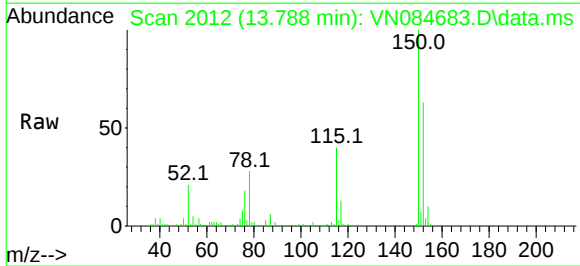
Tgt Ion:152 Resp: 142093

Ion Ratio Lower Upper

152 100

115 69.0 31.3 93.9

150 156.7 0.0 349.8



#73

Isopropylbenzene

Concen: 2.994 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN084683.D

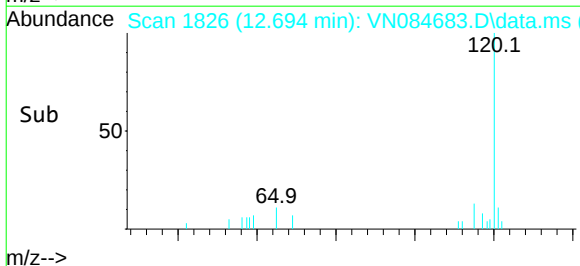
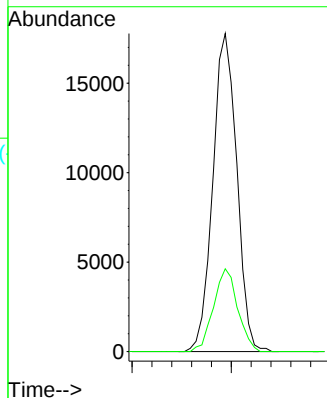
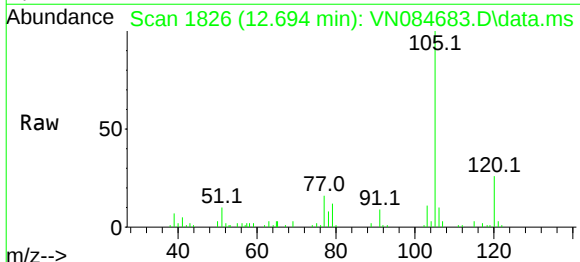
Acq: 05 Nov 2024 13:23

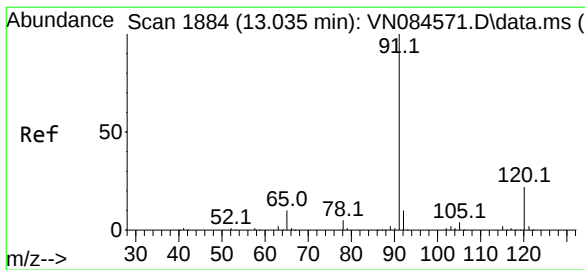
Tgt Ion:105 Resp: 29813

Ion Ratio Lower Upper

105 100

120 26.2 12.9 38.7

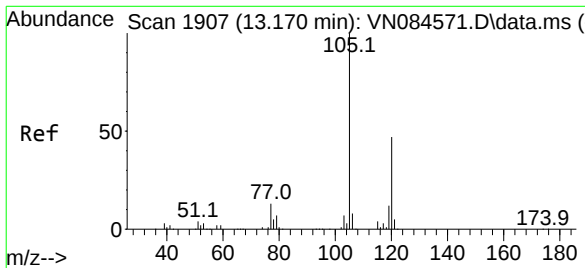
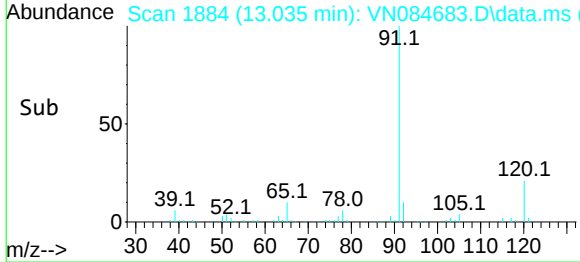
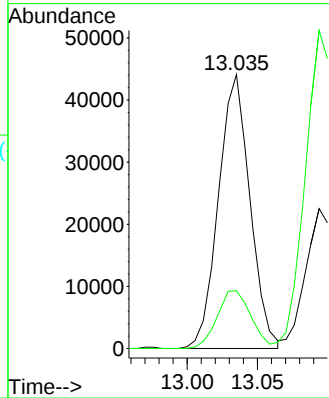
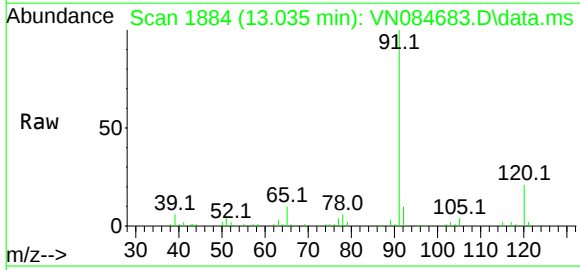




#78
n-propylbenzene
Concen: 5.880 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. 0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

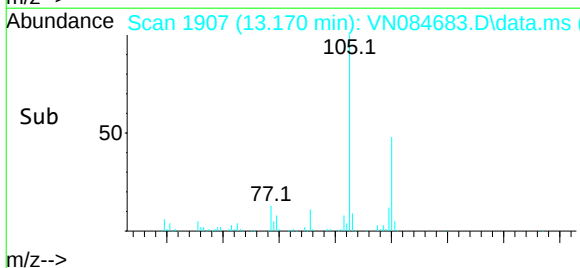
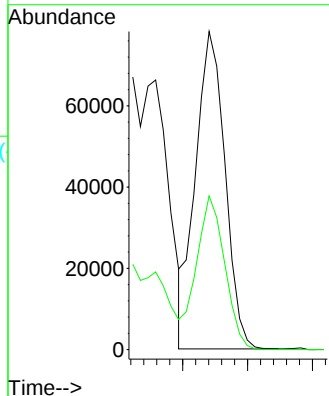
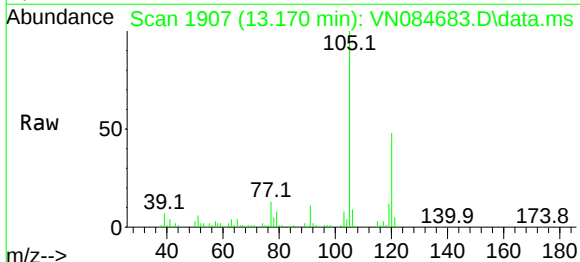
Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

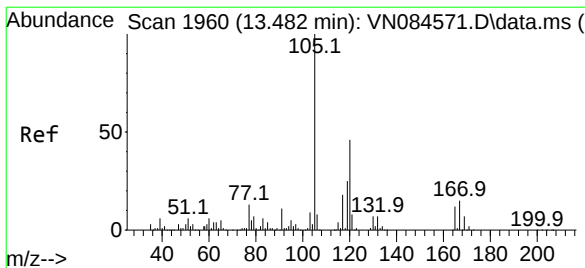
Tgt Ion: 91 Resp: 68613
Ion Ratio Lower Upper
91 100
120 22.5 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 14.951 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion:105 Resp: 123392
Ion Ratio Lower Upper
105 100
120 46.7 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 49.536 ug/l

RT: 13.482 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084683.D

Acq: 05 Nov 2024 13:23

Instrument :

MSVOA_N

ClientSampleId :

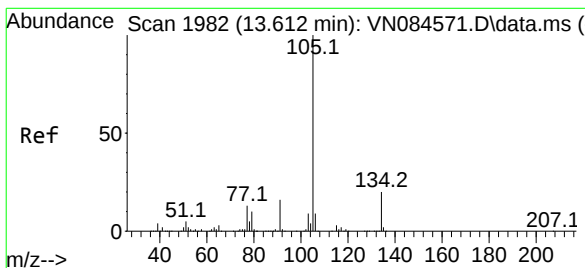
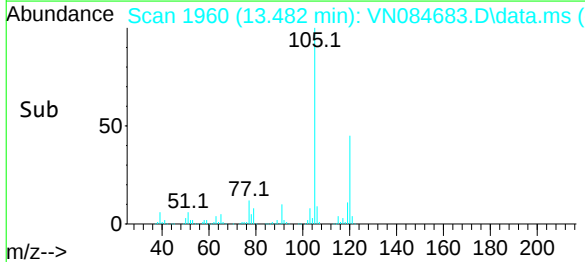
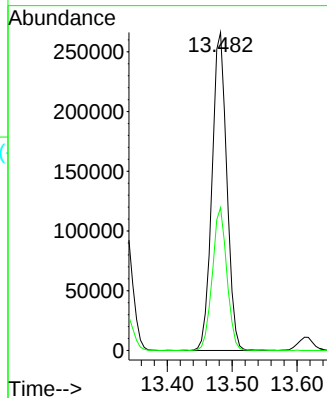
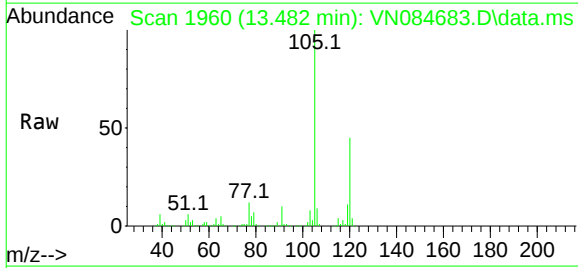
NWB-2056

Tgt Ion:105 Resp: 421938

Ion Ratio Lower Upper

105 100

120 44.0 22.3 66.8



#85

sec-Butylbenzene

Concen: 1.928 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.006 min

Lab File: VN084683.D

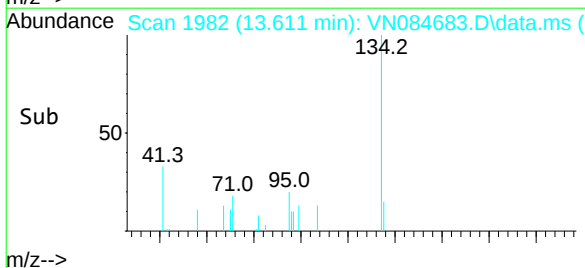
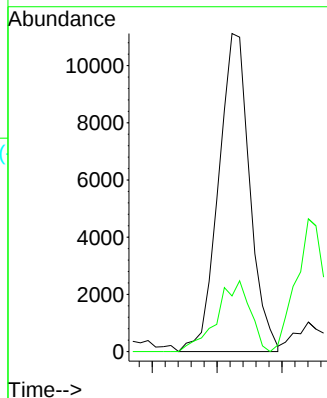
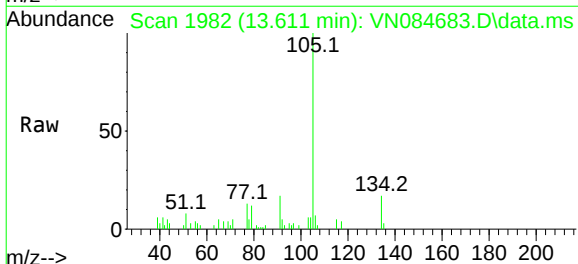
Acq: 05 Nov 2024 13:23

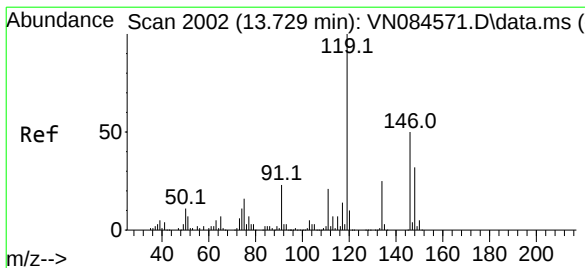
Tgt Ion:105 Resp: 18602

Ion Ratio Lower Upper

105 100

134 23.6 9.8 29.4

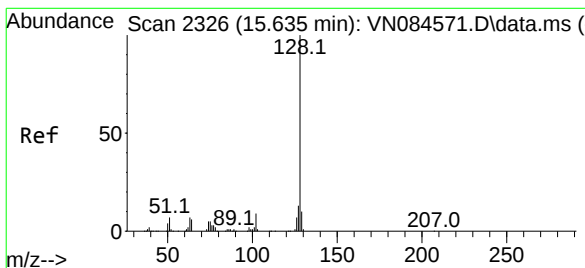
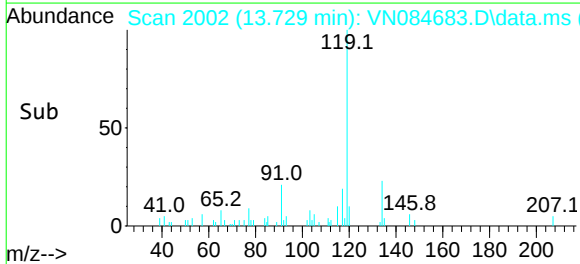
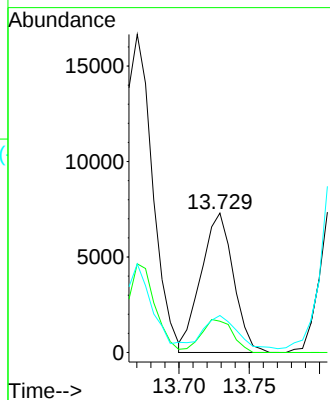
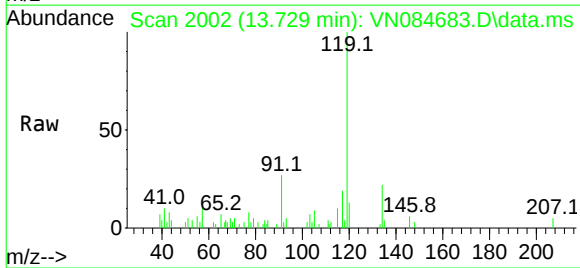




#86
p-Isopropyltoluene
Concen: 1.478 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. 0.000 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Instrument :
MSVOA_N
ClientSampleId :
NWB-2056

Tgt Ion:	119	Resp:	11698
Ion	Ratio	Lower	Upper
119	100		
134	23.0	12.6	37.8
91	23.4	12.4	37.2



#95
Naphthalene
Concen: 6.426 ug/l
RT: 15.641 min Scan# 2327
Delta R.T. 0.006 min
Lab File: VN084683.D
Acq: 05 Nov 2024 13:23

Tgt Ion:	128	Resp:	52851
Ion	Ratio	Lower	Upper
128	100		
127	13.3	10.5	15.7
129	11.0	8.7	13.1

