

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092724\
 Data File : VN084204.D
 Acq On : 27 Sep 2024 15:29
 Operator : JC\MD
 Sample : P4144-06ME 10X
 Misc : 5.04g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 2-SBGME

Quant Time: Sep 27 15:52:39 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 11 15:18:56 2024
 Response via : Initial Calibration

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

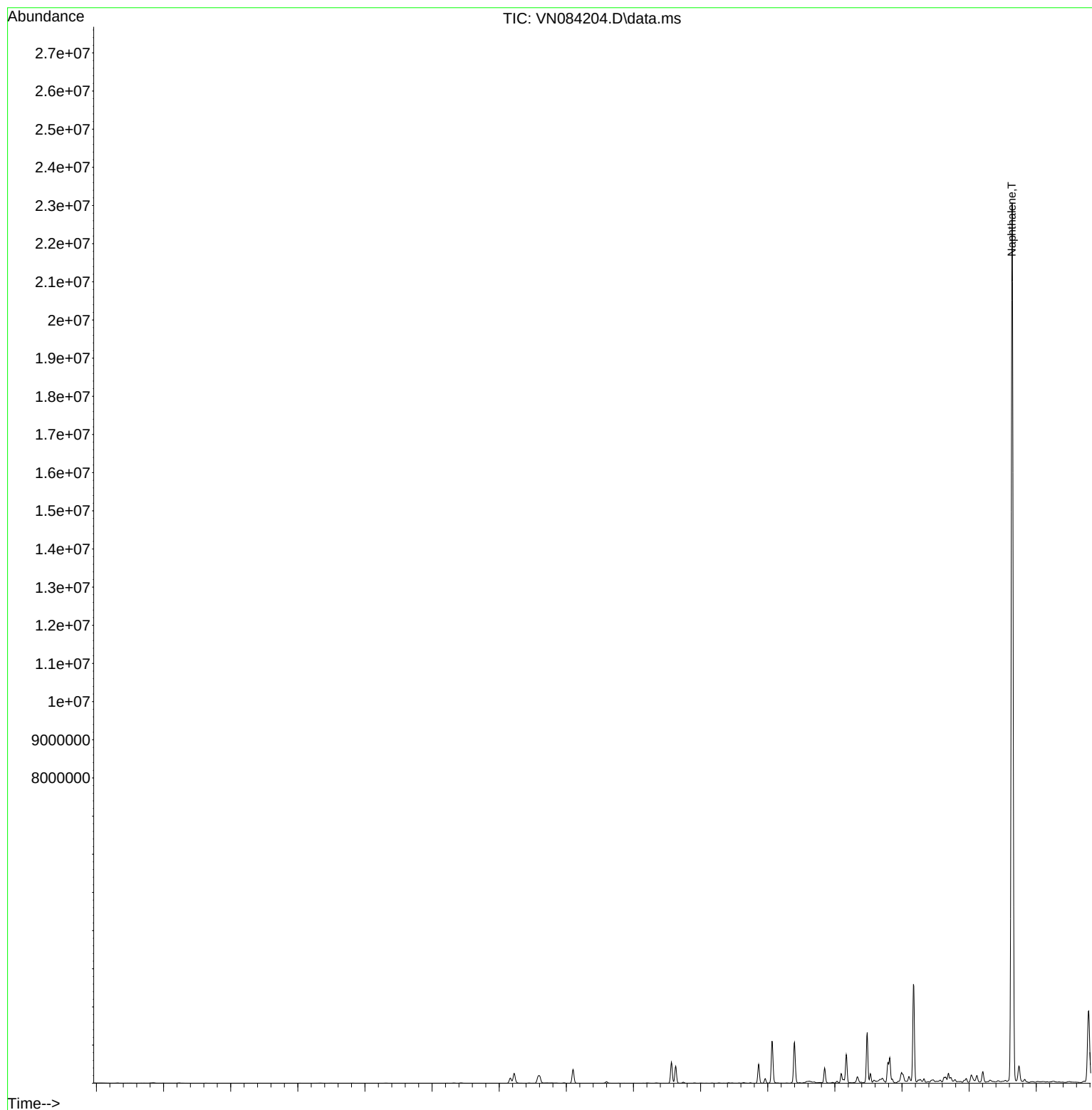
Internal Standards						
1) Pentafluorobenzene	8.224	168	174267	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	304188	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	271892	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131407	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	127238	48.422	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	96.840%		
35) Dibromofluoromethane	8.165	113	95213	48.893	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.780%		
50) Toluene-d8	10.565	98	363539	54.000	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	108.000%		
62) 4-Bromofluorobenzene	12.847	95	139649	50.278	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	100.560%		
Target Compounds						
					Qvalue	
31) Cyclohexane	8.230	56	12546	3.304	ug/l #	54
39) Methylcyclohexane	9.594	83	15639	4.688	ug/l	96
40) Benzene	8.606	78	157181	17.817	ug/l	99
52) Toluene	10.629	92	196203	36.359	ug/l	98
67) Ethyl Benzene	11.965	91	84695	7.890	ug/l	96
68) m/p-Xylenes	12.065	106	317742	79.725	ug/l	99
69) o-Xylene	12.394	106	266676	69.119	ug/l	99
70) Styrene	12.412	104	95131	15.024	ug/l #	60
73) Isopropylbenzene	12.694	105	15156	1.491	ug/l	98
78) n-propylbenzene	13.035	91	34929	2.953	ug/l	99
80) 1,3,5-Trimethylbenzene	13.171	105	396186	46.222	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	752778	87.431	ug/l	100
95) Naphthalene	15.635	128	19187673	2636.803	ug/l	95

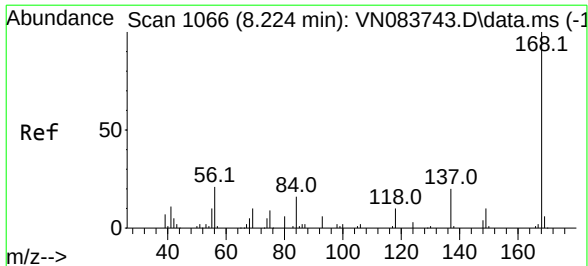
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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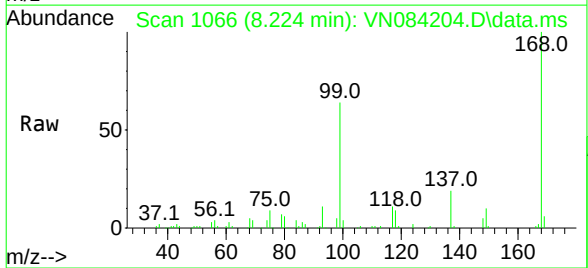
Quant Time: Sep 27 15:52:39 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N091024W.M
Quant Title : SW846 8260
QLast Update : Wed Sep 11 15:18:56 2024
Response via : Initial Calibration



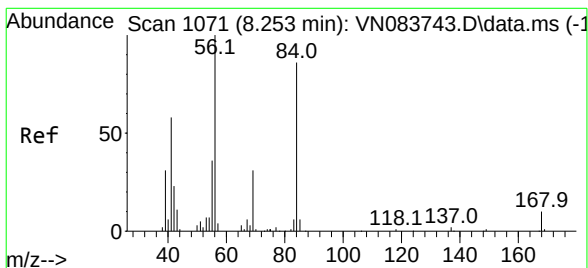
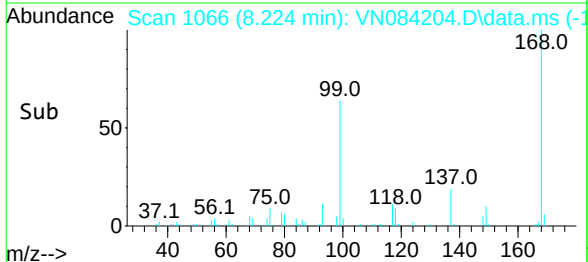
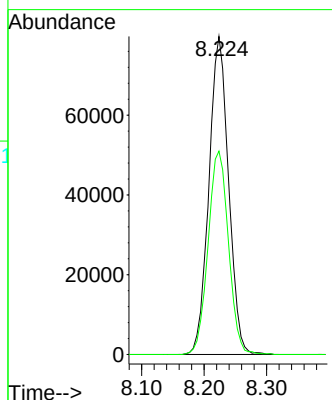


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Instrument :
MSVOA_N
ClientSampleId :
2-SBGME

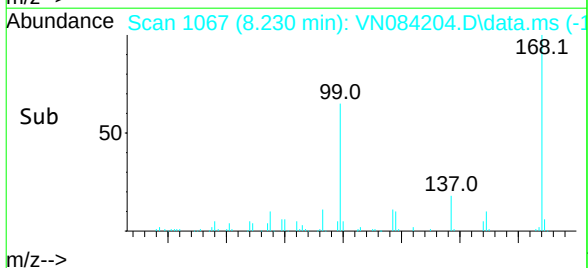
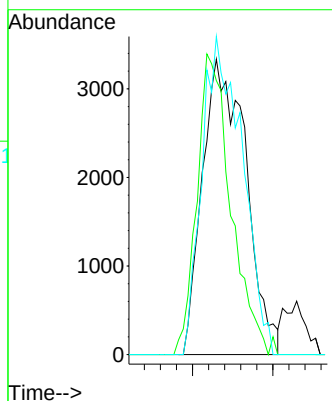
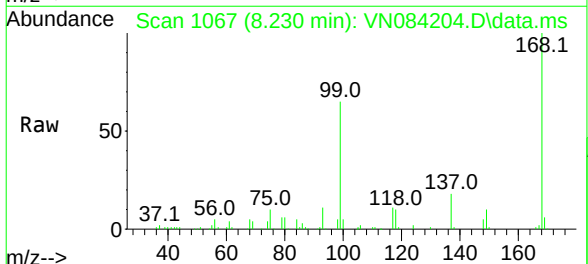


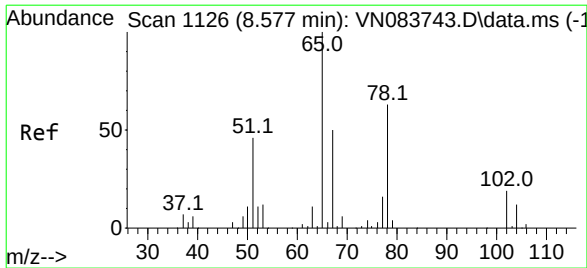
Tgt Ion:168 Resp: 174267
Ion Ratio Lower Upper
168 100
99 63.9 54.2 81.2



#31
Cyclohexane
Concen: 3.304 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.023 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Tgt Ion: 56 Resp: 12546
Ion Ratio Lower Upper
56 100
69 92.7 26.9 40.3#
84 107.7 69.2 103.8#

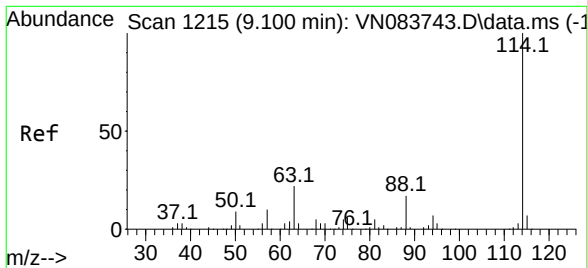
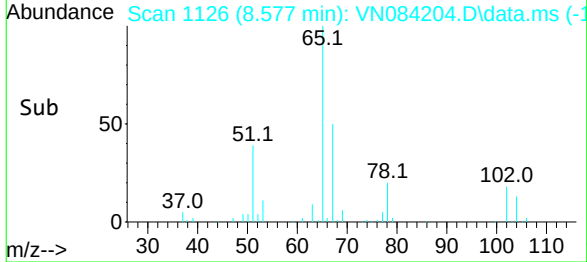
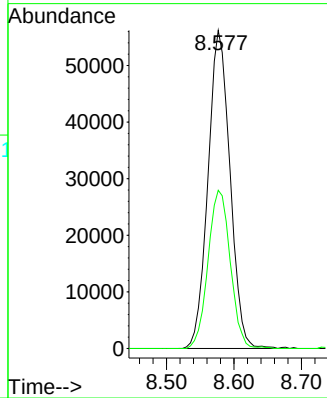
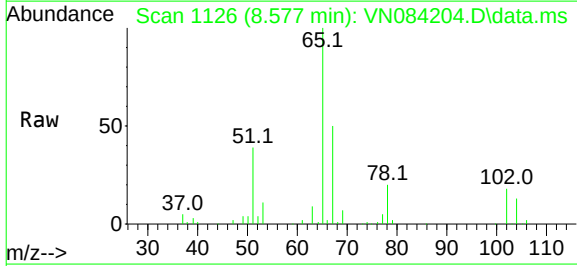




#33
1,2-Dichloroethane-d4
Concen: 48.422 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

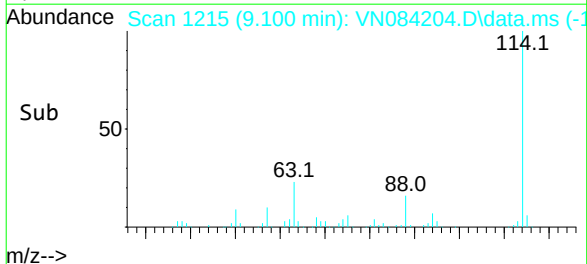
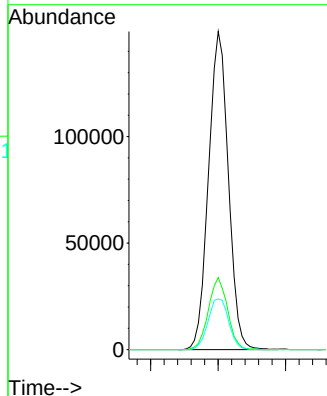
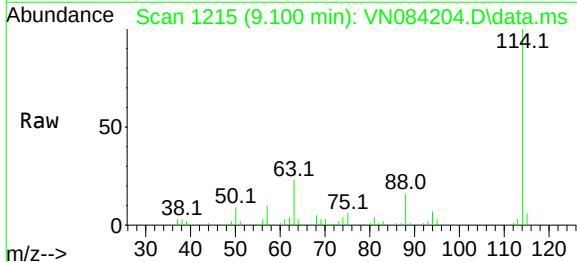
Instrument :
MSVOA_N
ClientSampleId :
2-SBGME

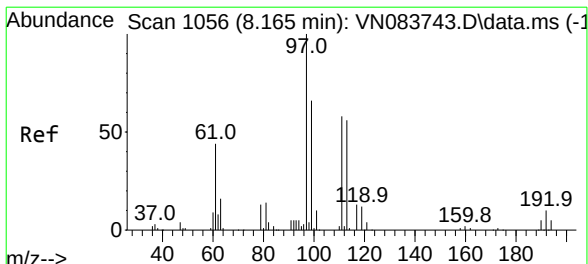
Tgt Ion: 65 Resp: 127238
Ion Ratio Lower Upper
65 100
67 50.4 0.0 100.8



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 1215
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Tgt Ion: 114 Resp: 304188
Ion Ratio Lower Upper
114 100
63 22.7 0.0 43.4
88 15.9 0.0 32.6





#35

Dibromofluoromethane

Concen: 48.893 ug/l

RT: 8.165 min Scan# 10

Delta R.T. 0.000 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

2-SBGME

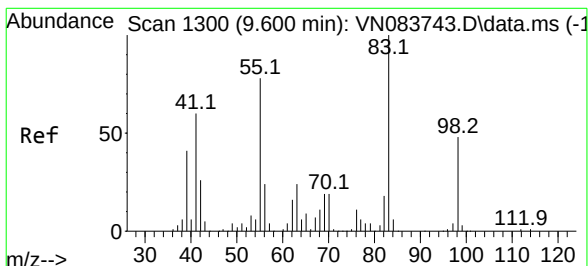
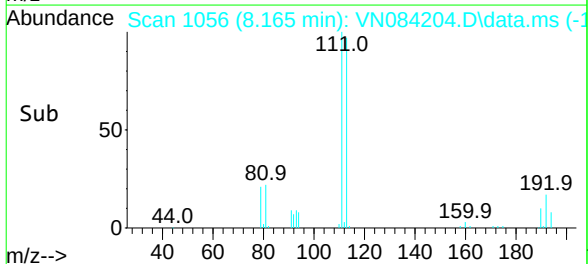
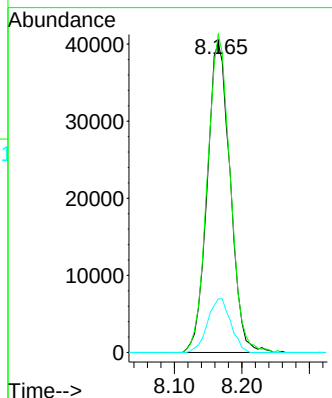
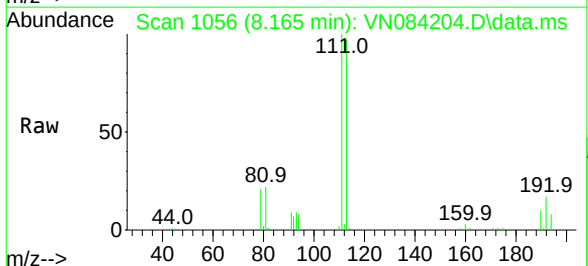
Tgt Ion:113 Resp: 95213

Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 17.4 14.3 21.5



#39

Methylcyclohexane

Concen: 4.688 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

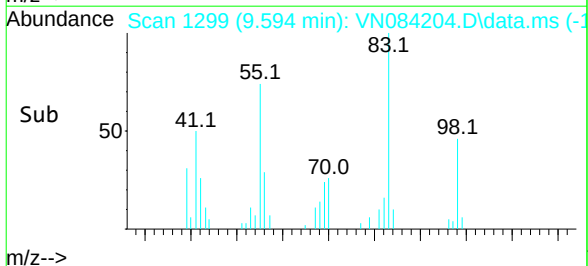
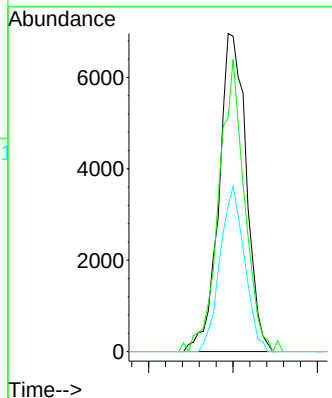
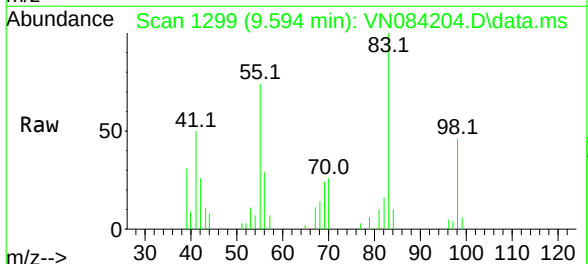
Tgt Ion: 83 Resp: 15639

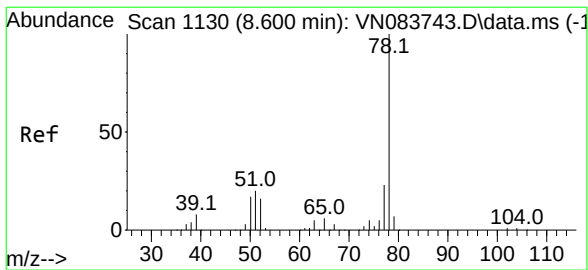
Ion Ratio Lower Upper

83 100

55 73.8 62.2 93.4

98 45.7 37.6 56.4





#40

Benzene

Concen: 17.817 ug/l

RT: 8.606 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

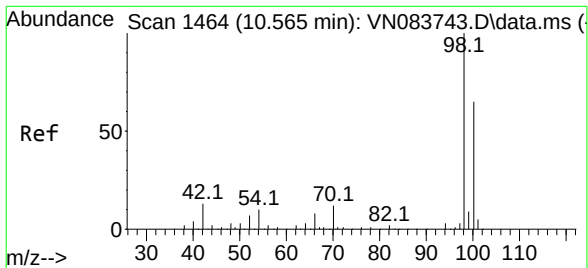
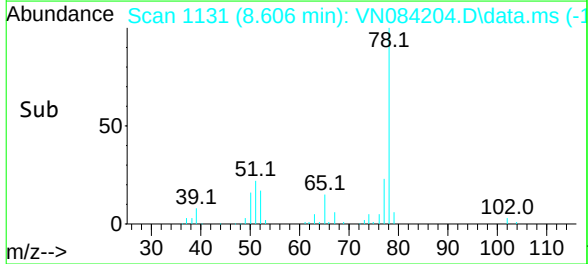
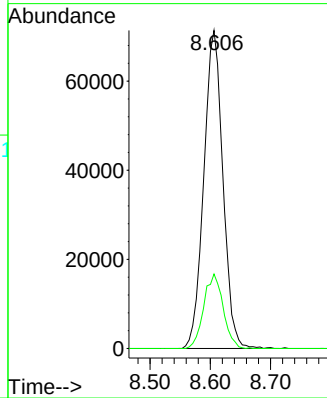
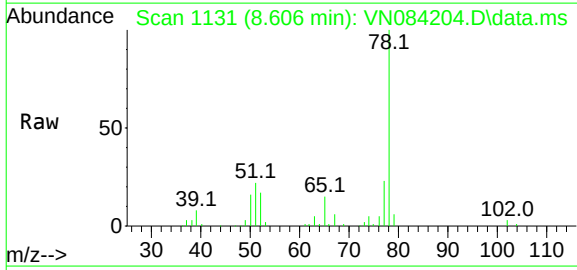
2-SBGME

Tgt Ion: 78 Resp: 157181

Ion Ratio Lower Upper

78 100

77 23.4 19.0 28.6



#50

Toluene-d8

Concen: 54.000 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084204.D

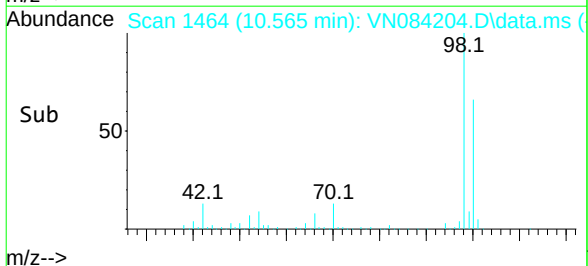
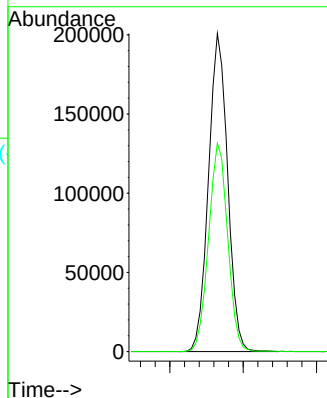
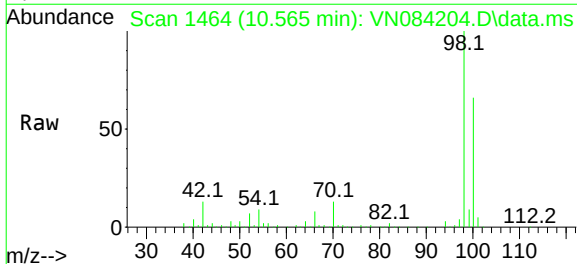
Acq: 27 Sep 2024 15:29

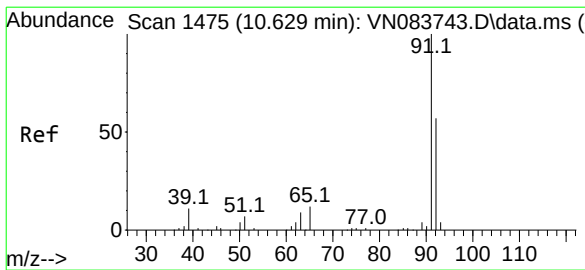
Tgt Ion: 98 Resp: 363539

Ion Ratio Lower Upper

98 100

100 65.5 52.0 78.0

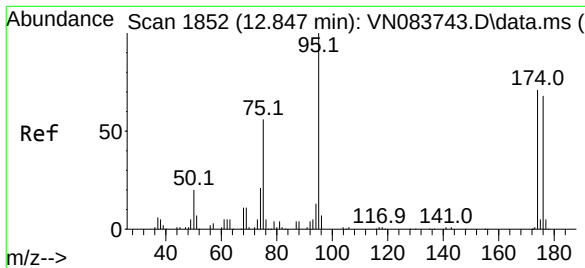
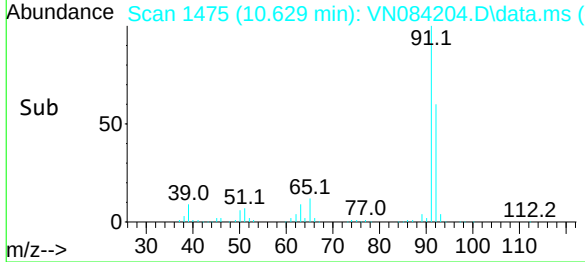
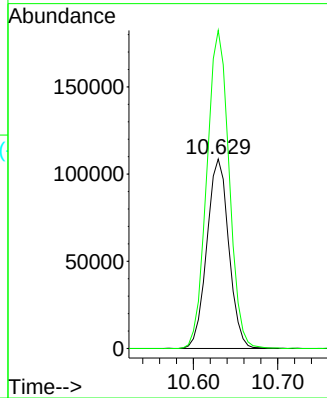
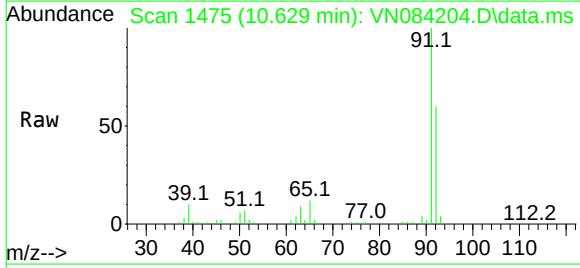




Toluene
 Concen: 36.359 ug/l
 RT: 10.629 min Scan# 1475
 Delta R.T. 0.000 min
 Lab File: VN084204.D
 Acq: 27 Sep 2024 15:29

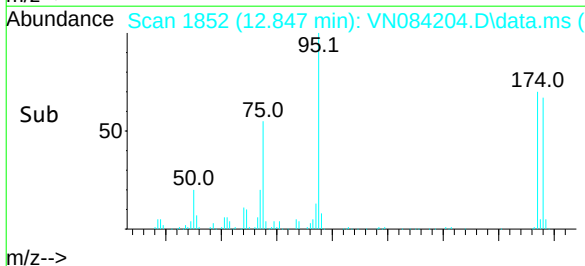
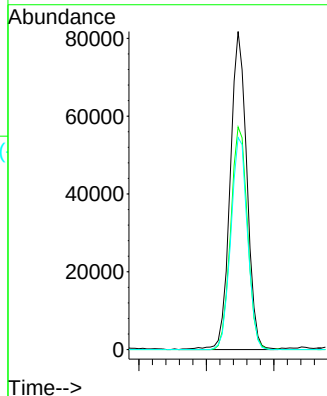
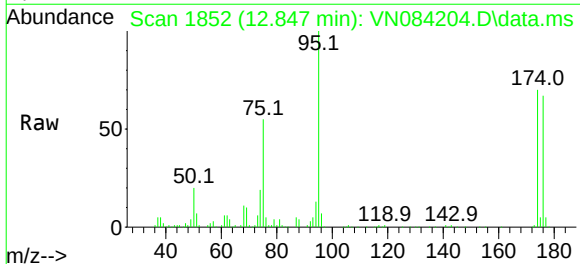
Instrument :
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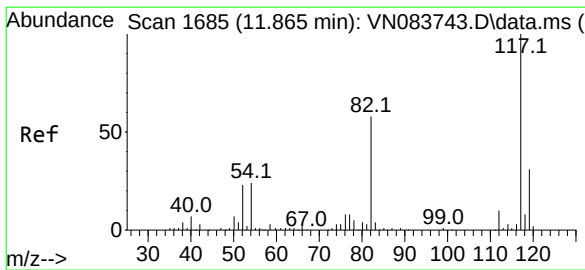
Tgt Ion: 92 Resp: 196203
 Ion Ratio Lower Upper
 92 100
 91 170.8 134.7 202.1



4-Bromofluorobenzene
 Concen: 50.278 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.000 min
 Lab File: VN084204.D
 Acq: 27 Sep 2024 15:29

Tgt Ion: 95 Resp: 139649
 Ion Ratio Lower Upper
 95 100
 174 70.4 0.0 139.8
 176 66.7 0.0 131.4

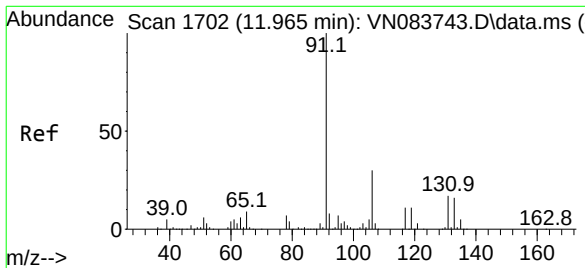
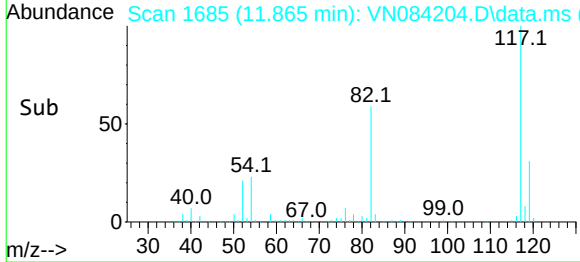
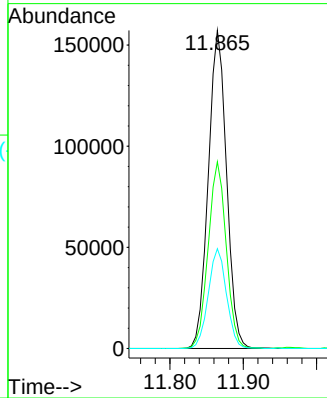
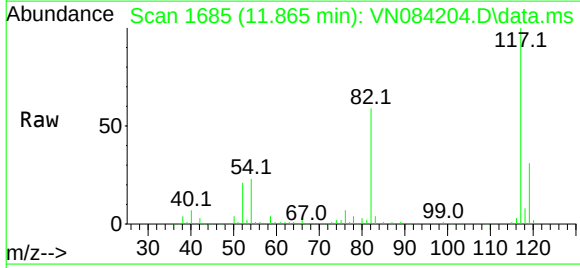




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

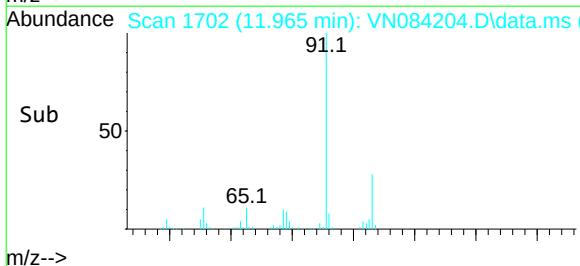
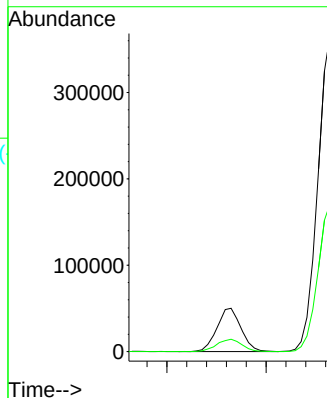
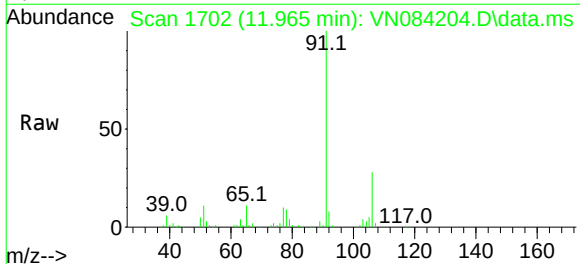
Instrument :
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ClientSampleId :
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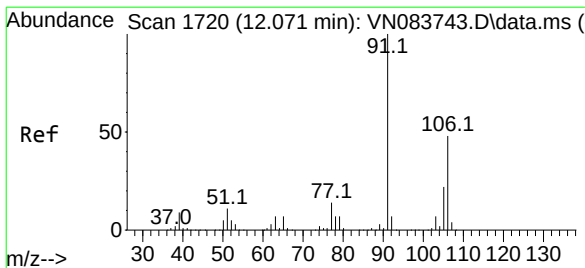
Tgt Ion: 117 Resp: 271892
Ion Ratio Lower Upper
117 100
82 58.7 47.4 71.0
119 31.4 26.3 39.5



#67
Ethyl Benzene
Concen: 7.890 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Tgt Ion: 91 Resp: 84695
Ion Ratio Lower Upper
91 100
106 28.5 24.3 36.5

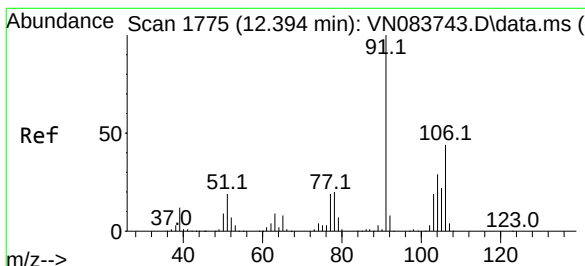
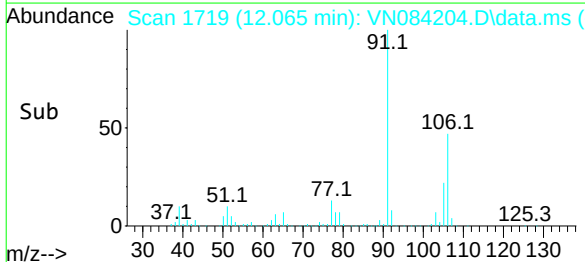
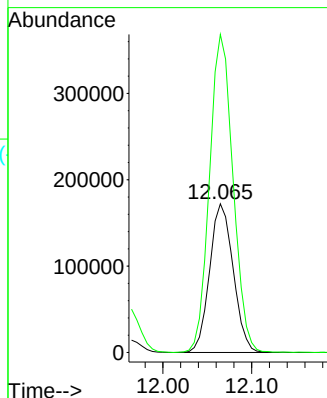
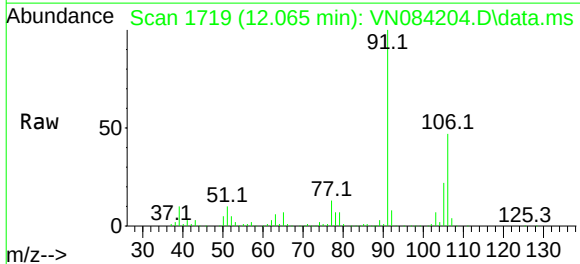




#68
m/p-Xylenes
Concen: 79.725 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

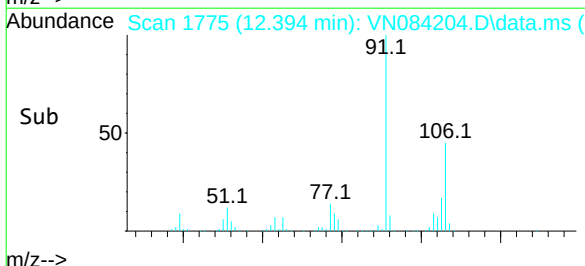
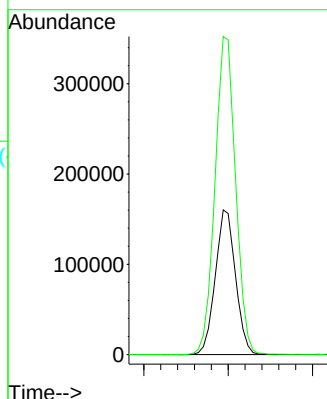
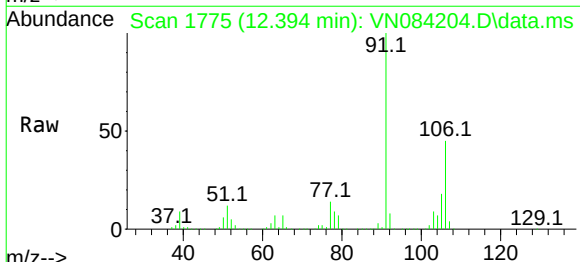
Instrument :
MSVOA_N
ClientSampleId :
2-SBGME

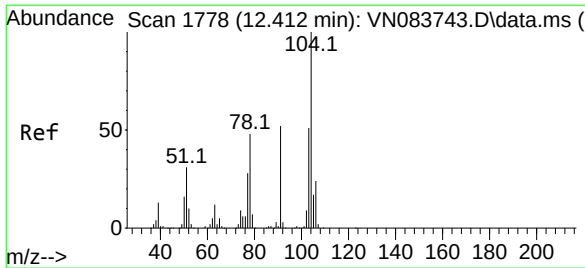
Tgt Ion:106 Resp: 317742
Ion Ratio Lower Upper
106 100
91 213.5 169.2 253.8



#69
o-Xylene
Concen: 69.119 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Tgt Ion:106 Resp: 266676
Ion Ratio Lower Upper
106 100
91 224.3 112.9 338.6





#70

Styrene

Concen: 15.024 ug/l

RT: 12.412 min Scan# 1778

Delta R.T. 0.000 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

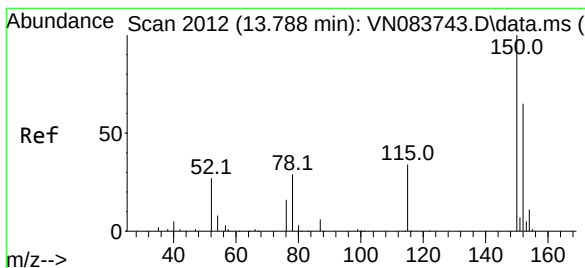
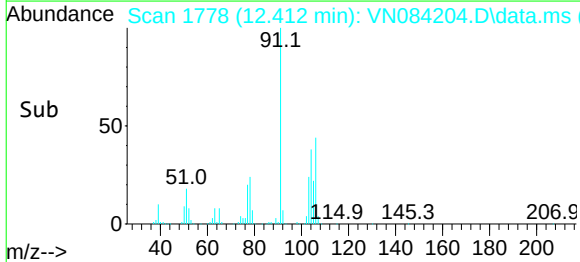
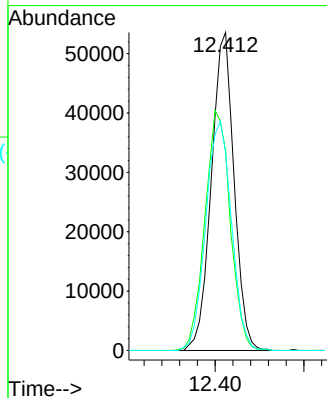
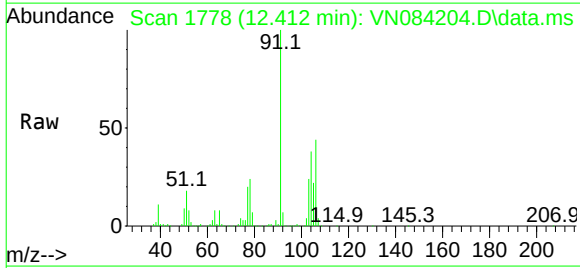
Instrument :

MSVOA_N

ClientSampleId :

2-SBGME

Tgt Ion:	104	Resp:	95131
Ion Ratio	Lower	Upper	
104	100		
78	84.2	43.3	64.9#
103	81.8	43.4	65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

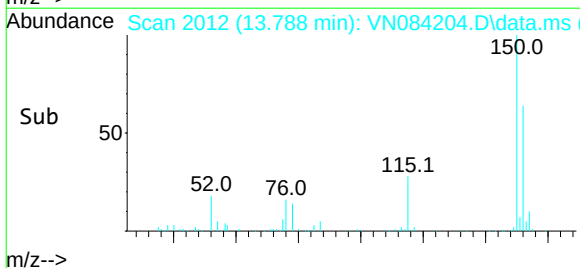
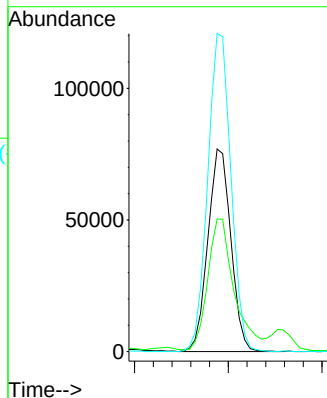
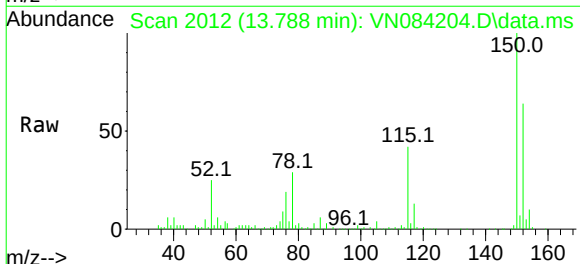
RT: 13.788 min Scan# 1212

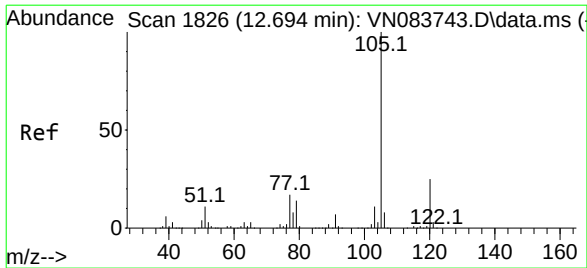
Delta R.T. 0.000 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

Tgt Ion:	152	Resp:	131407
Ion Ratio	Lower	Upper	
152	100		
115	73.1	32.2	96.6
150	158.5	0.0	348.6





#73

Isopropylbenzene

Concen: 1.491 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

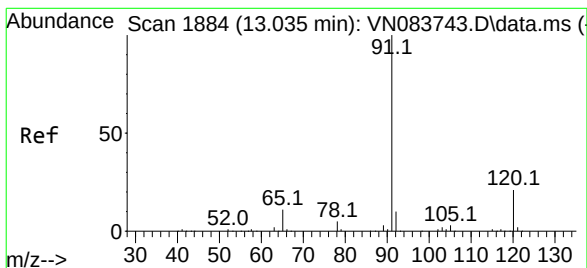
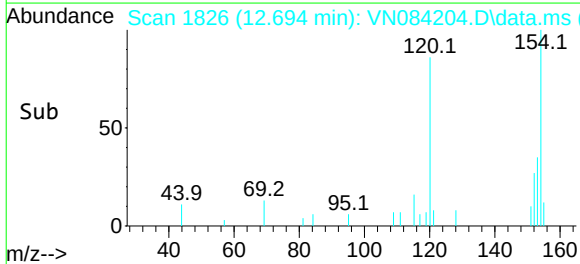
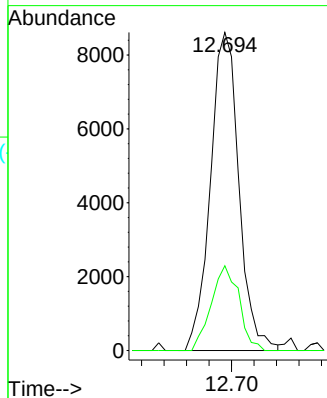
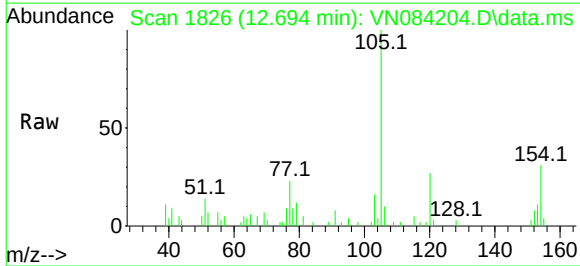
2-SBGME

Tgt Ion:105 Resp: 15156

Ion Ratio Lower Upper

105 100

120 26.0 12.6 37.8



#78

n-propylbenzene

Concen: 2.953 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN084204.D

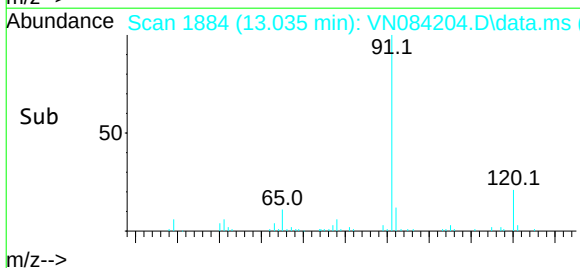
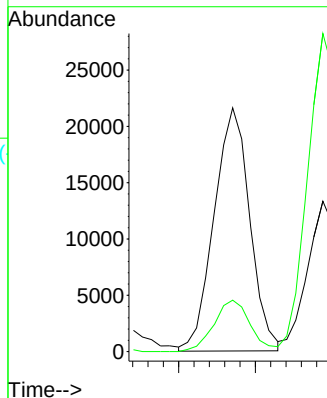
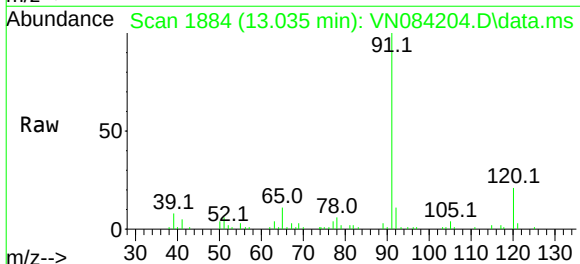
Acq: 27 Sep 2024 15:29

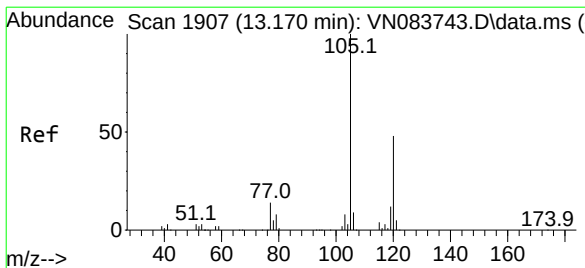
Tgt Ion: 91 Resp: 34929

Ion Ratio Lower Upper

91 100

120 21.6 11.0 33.0





#80

1,3,5-Trimethylbenzene

Concen: 46.222 ug/l

RT: 13.171 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VN084204.D

Acq: 27 Sep 2024 15:29

Instrument :

MSVOA_N

ClientSampleId :

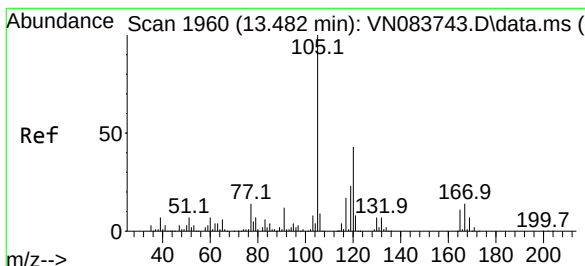
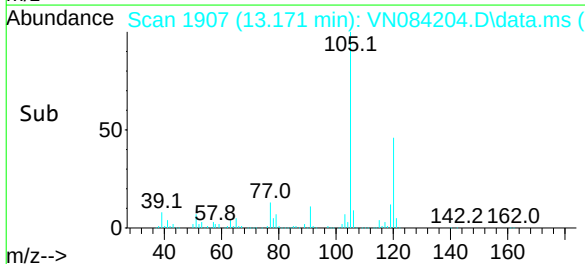
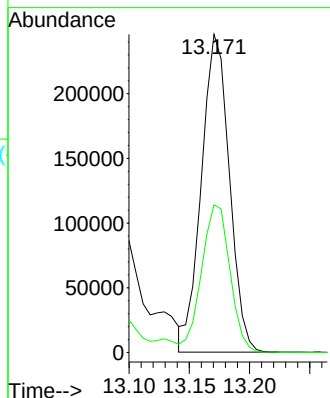
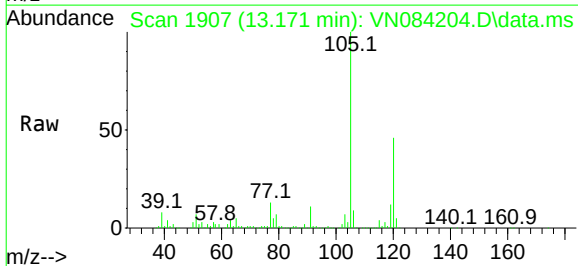
2-SBGME

Tgt Ion:105 Resp: 396186

Ion Ratio Lower Upper

105 100

120 47.4 23.4 70.3



#84

1,2,4-Trimethylbenzene

Concen: 87.431 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. 0.000 min

Lab File: VN084204.D

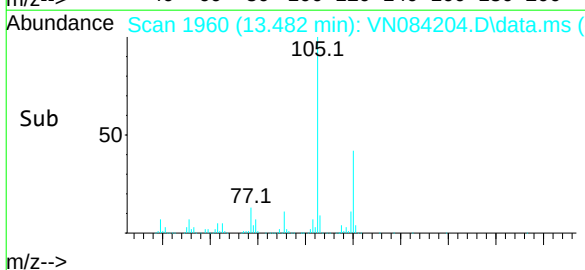
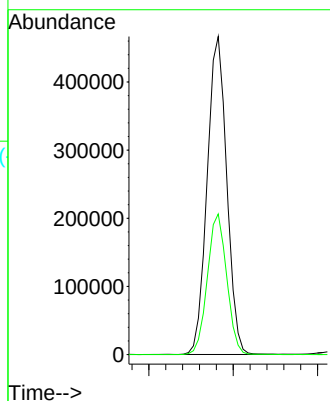
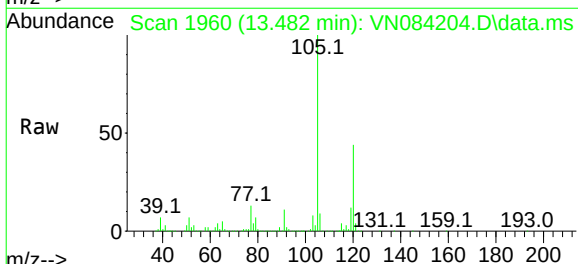
Acq: 27 Sep 2024 15:29

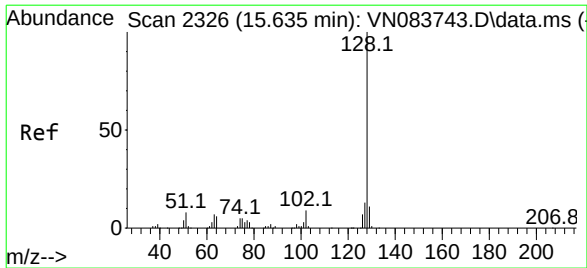
Tgt Ion:105 Resp: 752778

Ion Ratio Lower Upper

105 100

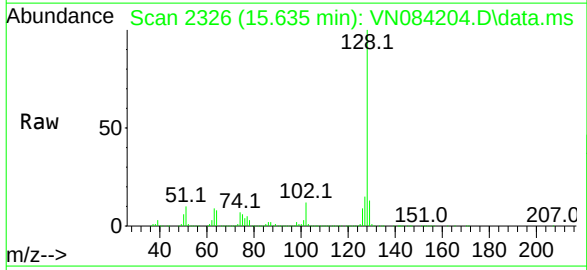
120 43.7 21.8 65.4





#95
Naphthalene
Concen: 2636.803 ug/l
RT: 15.635 min Scan# 23
Delta R.T. 0.000 min
Lab File: VN084204.D
Acq: 27 Sep 2024 15:29

Instrument :
MSVOA_N
ClientSampleId :
2-SBGME



Tgt Ion:128 Resp:19187673
Ion Ratio Lower Upper
128 100
127 14.7 10.2 15.2
129 12.5 8.7 13.1

