

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111324\
 Data File : VN084828.D
 Acq On : 13 Nov 2024 15:59
 Operator : JC\MD
 Sample : P4739-11DL 10X
 Misc : 5.21g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOCDL

Quant Time: Nov 13 16:17:45 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)

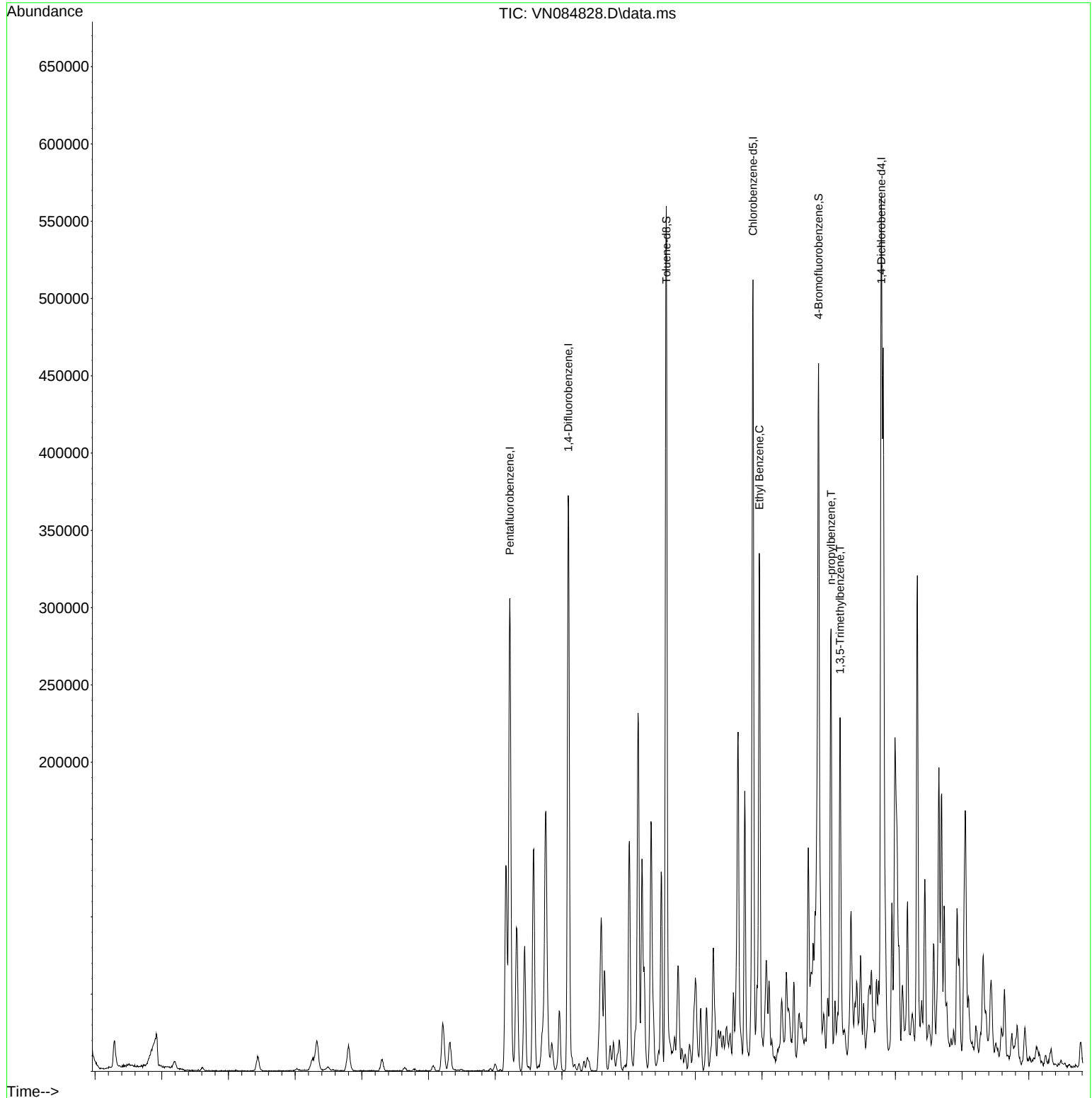
Internal Standards						
1) Pentafluorobenzene	8.218	168	181723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.095	114	310571	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	278869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140921	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	120699	45.986	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	91.980%		
35) Dibromofluoromethane	8.165	113	98484	46.848	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.700%		
50) Toluene-d8	10.565	98	367237	47.423	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	94.840%		
62) 4-Bromofluorobenzene	12.847	95	156618	54.116	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	108.240%		
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.595	83	23724	7.999	ug/l	89
40) Benzene	8.606	78	1895	0.202	ug/l #	51
52) Toluene	10.630	92	3848	0.703	ug/l	83
67) Ethyl Benzene	11.959	91	231451	22.225	ug/l	98
68) m/p-Xylenes	12.065	106	16596	4.209	ug/l	100
69) o-Xylene	12.394	106	4086	1.108	ug/l	86
73) Isopropylbenzene	12.694	105	79883	8.089	ug/l	98
78) n-propylbenzene	13.036	91	220327	19.039	ug/l	97
80) 1,3,5-Trimethylbenzene	13.171	105	106714	13.038	ug/l	100
84) 1,2,4-Trimethylbenzene	13.477	105	35667	4.222	ug/l	99
85) sec-Butylbenzene	13.612	105	19083	1.994	ug/l #	53
86) p-Isopropyltoluene	13.730	119	8065	1.028	ug/l	90
95) Naphthalene	15.635	128	39019	4.784	ug/l	97

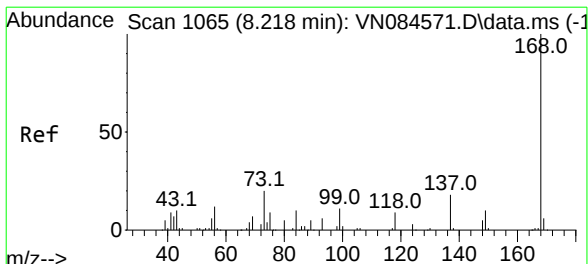
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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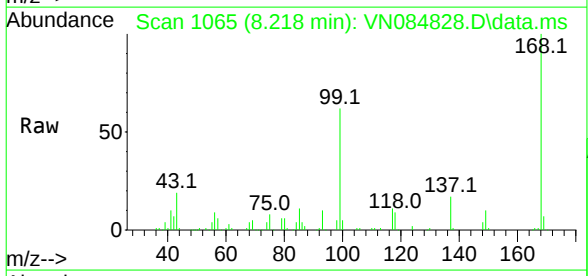
Quant Time: Nov 13 16:17:45 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N103024W.M
Quant Title : SW846 8260
QLast Update : Thu Oct 31 18:45:38 2024
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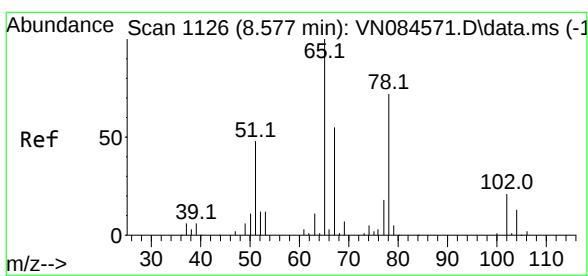
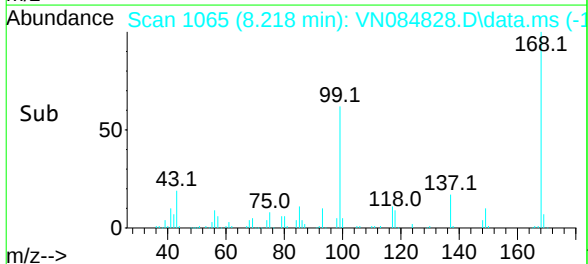
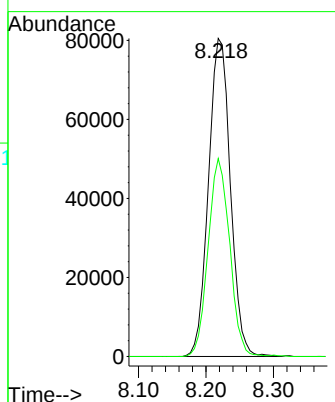
#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.218 min Scan# 1065
 Delta R.T. -0.006 min
 Lab File: VN084828.D
 Acq: 13 Nov 2024 15:59

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOCDL



Tgt Ion: 168 Resp: 181723

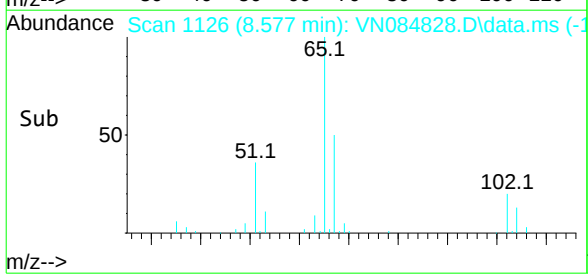
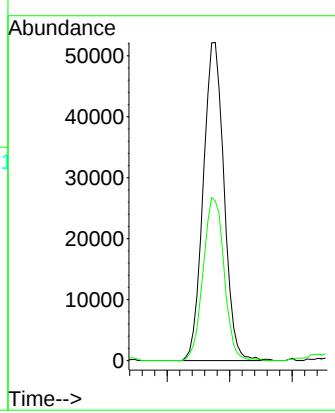
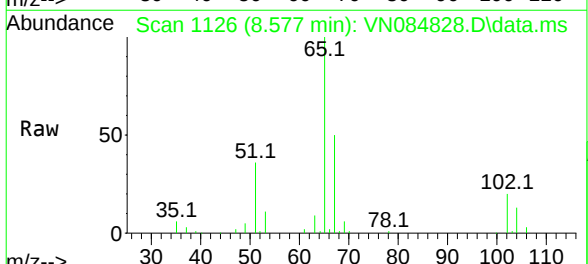
Ion	Ratio	Lower	Upper
168	100		
99	62.2	54.2	81.2

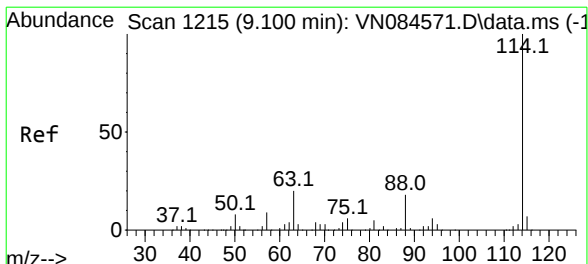


#33
 1,2-Dichloroethane-d4
 Concen: 45.986 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN084828.D
 Acq: 13 Nov 2024 15:59

Tgt Ion: 65 Resp: 120699

Ion	Ratio	Lower	Upper
65	100		
67	51.6	0.0	102.0

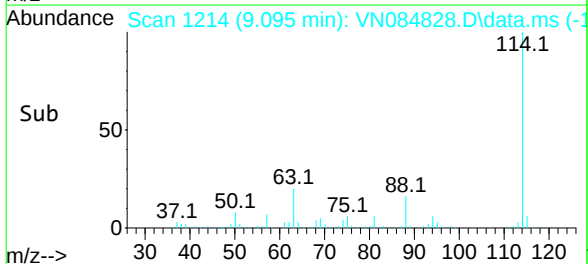
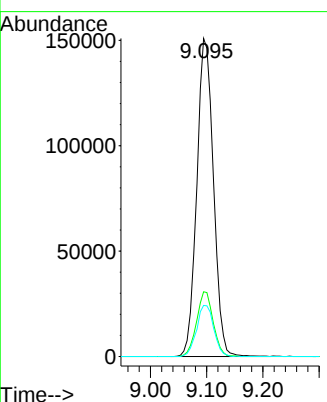
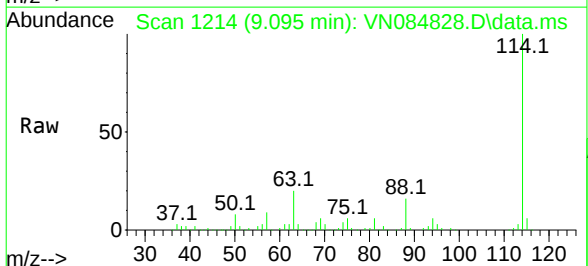




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.095 min Scan# 1214
 Delta R.T. -0.005 min
 Lab File: VN084828.D
 Acq: 13 Nov 2024 15:59

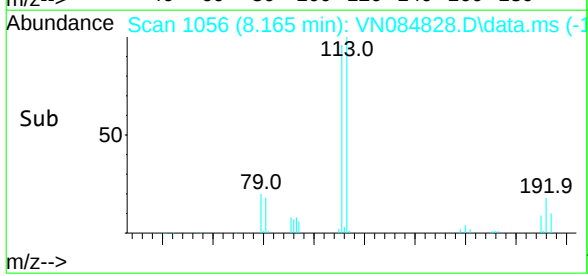
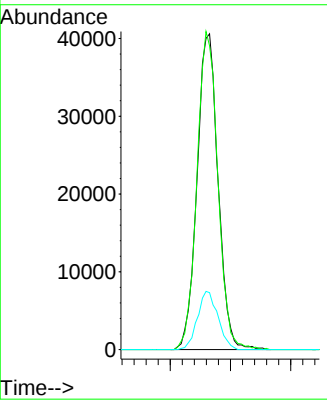
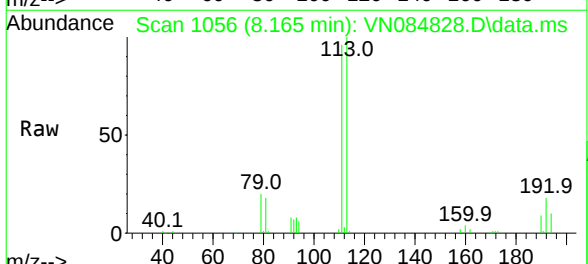
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-B2-VOCDL

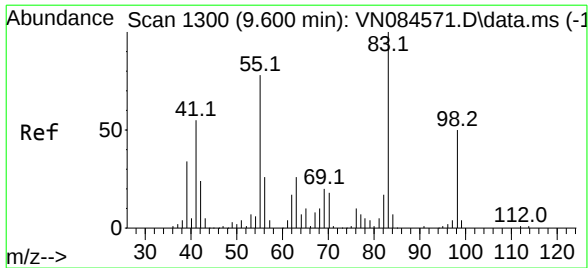
Tgt Ion:	114	Resp:	310571
Ion	Ratio	Lower	Upper
114	100		
63	20.4	0.0	43.8
88	16.0	0.0	31.6



#35
 Dibromofluoromethane
 Concen: 46.848 ug/l
 RT: 8.165 min Scan# 1056
 Delta R.T. 0.000 min
 Lab File: VN084828.D
 Acq: 13 Nov 2024 15:59

Tgt Ion:	113	Resp:	98484
Ion	Ratio	Lower	Upper
113	100		
111	99.9	83.3	124.9
192	17.9	13.5	20.3

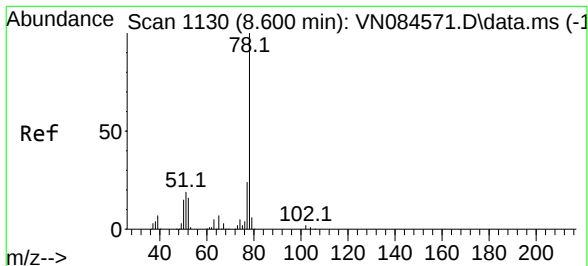
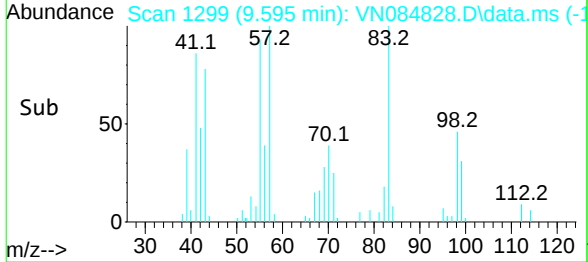
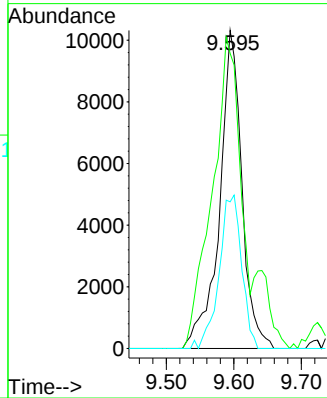
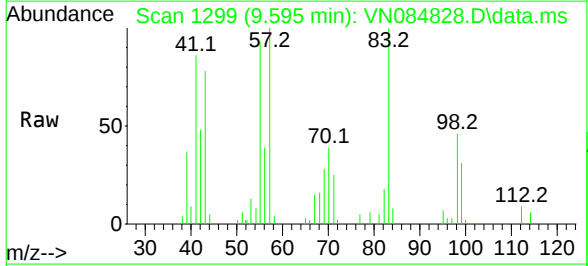




#39
Methylcyclohexane
Concen: 7.999 ug/l
RT: 9.595 min Scan# 12
Delta R.T. -0.006 min
Lab File: VN084828.D
Acq: 13 Nov 2024 15:59

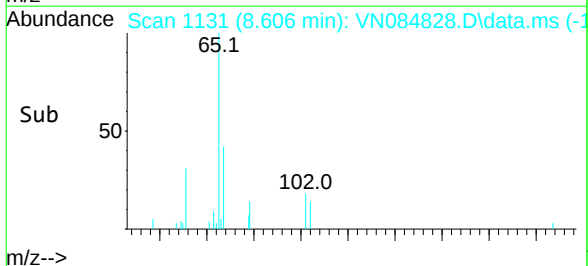
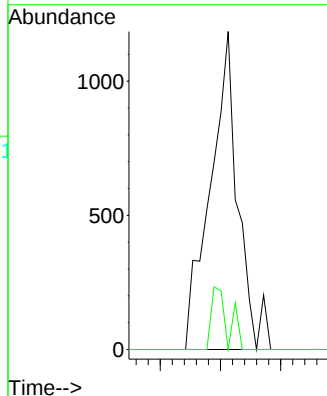
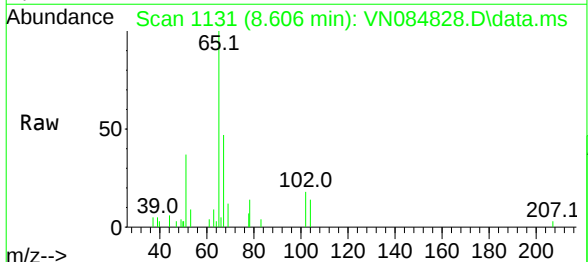
Instrument :
MSVOA_N
ClientSampleId :
BP-B2-VOCDL

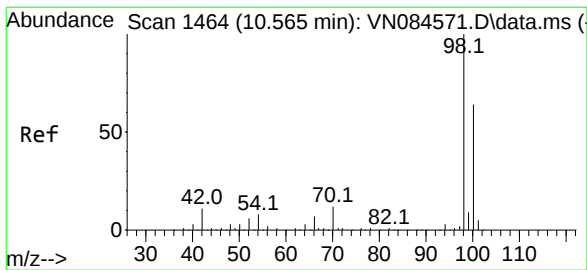
Tgt Ion:	83	Resp:	23724
Ion	Ratio	Lower	Upper
83	100		
55	92.8	62.8	94.2
98	46.1	38.8	58.2



#40
Benzene
Concen: 0.202 ug/l
RT: 8.606 min Scan# 1131
Delta R.T. 0.000 min
Lab File: VN084828.D
Acq: 13 Nov 2024 15:59

Tgt Ion:	78	Resp:	1895
Ion	Ratio	Lower	Upper
78	100		
77	0.0	19.1	28.7#





#50

Toluene-d8

Concen: 47.423 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

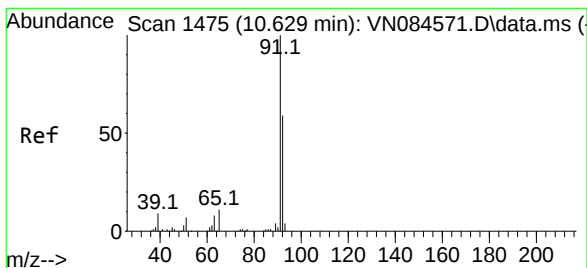
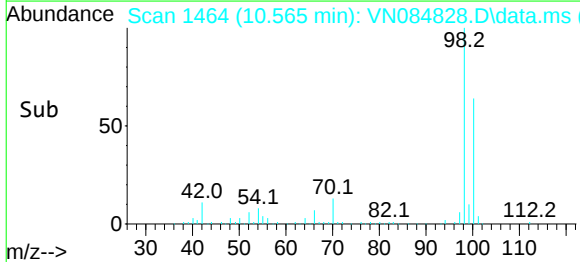
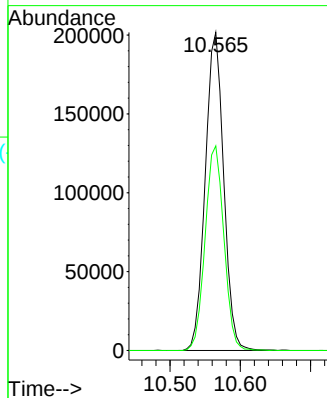
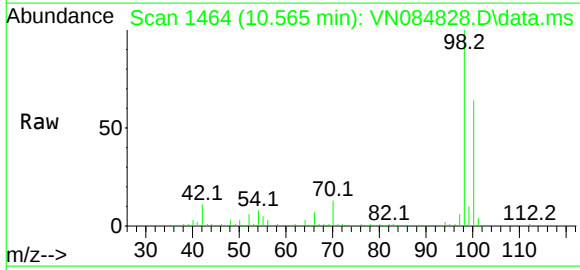
BP-B2-VOCDL

Tgt Ion: 98 Resp: 367237

Ion Ratio Lower Upper

98 100

100 65.6 52.7 79.1



#52

Toluene

Concen: 0.703 ug/l

RT: 10.630 min Scan# 1475

Delta R.T. 0.000 min

Lab File: VN084828.D

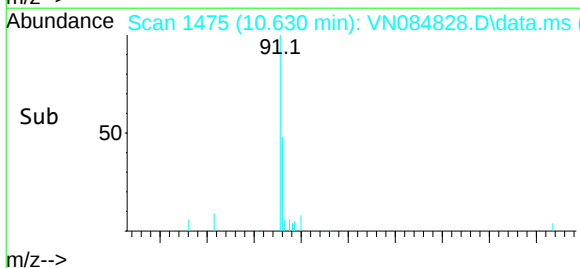
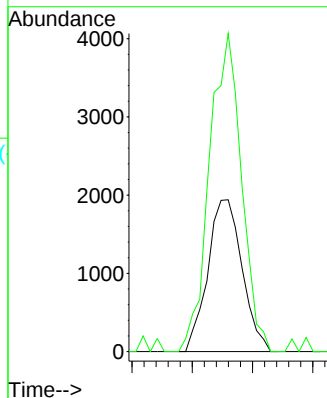
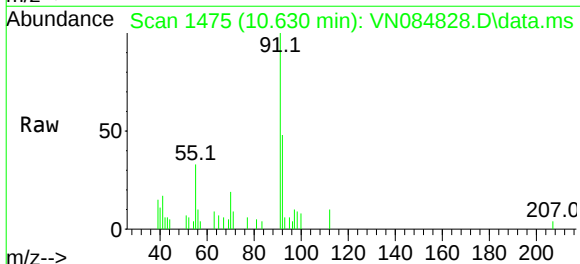
Acq: 13 Nov 2024 15:59

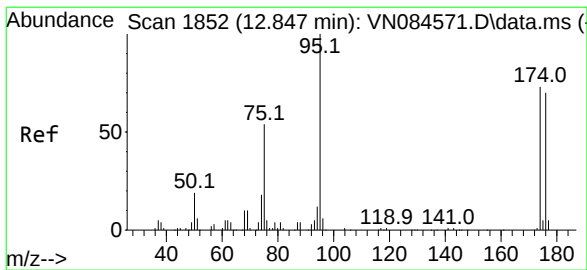
Tgt Ion: 92 Resp: 3848

Ion Ratio Lower Upper

92 100

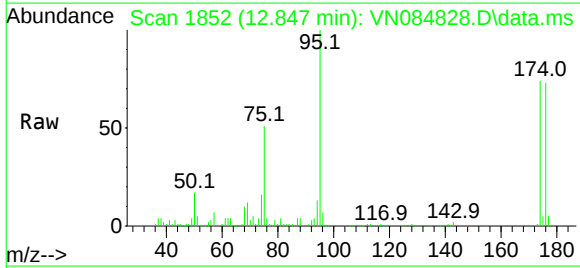
91 195.6 137.3 205.9



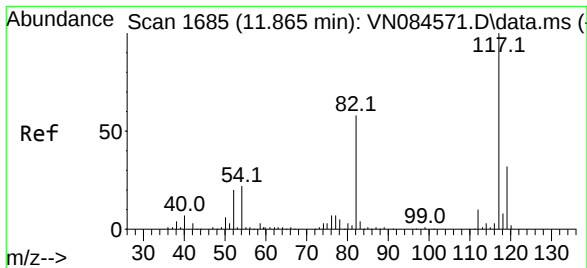
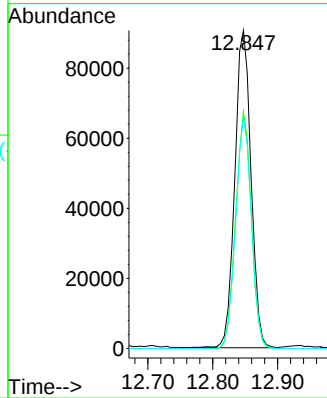
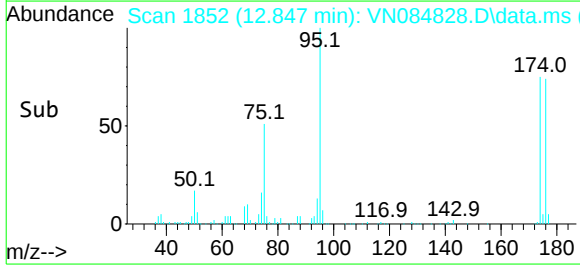


#62
4-Bromofluorobenzene
Concen: 54.116 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN084828.D
Acq: 13 Nov 2024 15:59

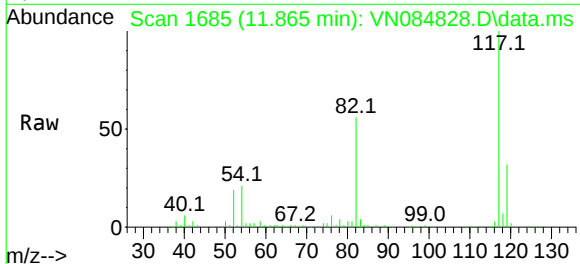
Instrument :
MSVOA_N
ClientSampleId :
BP-B2-VOC DL



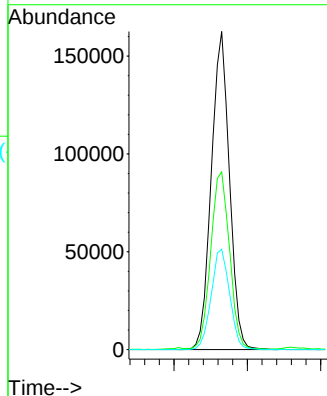
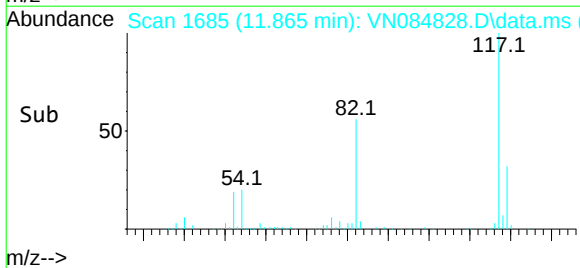
Tgt Ion: 95 Resp: 156618
Ion Ratio Lower Upper
95 100
174 72.7 0.0 145.2
176 70.8 0.0 140.0

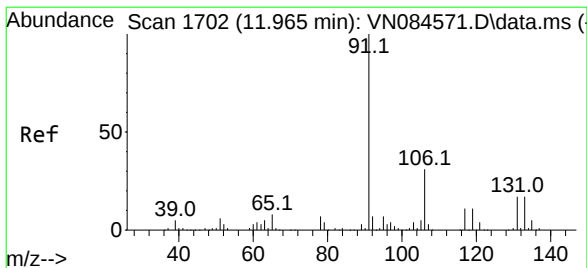


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN084828.D
Acq: 13 Nov 2024 15:59



Tgt Ion: 117 Resp: 278869
Ion Ratio Lower Upper
117 100
82 55.6 47.2 70.8
119 31.6 25.4 38.0





#67

Ethyl Benzene

Concen: 22.225 ug/l

RT: 11.959 min Scan# 1719

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

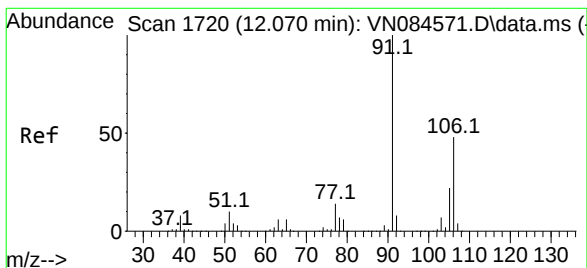
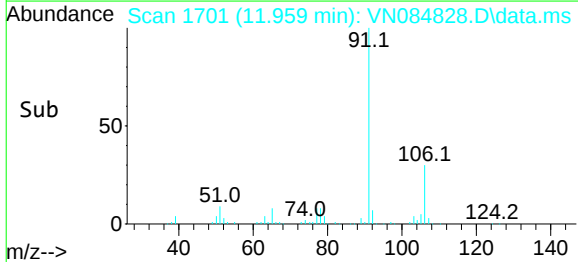
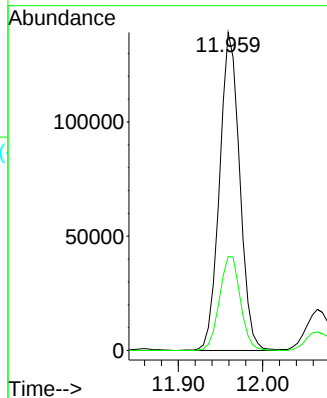
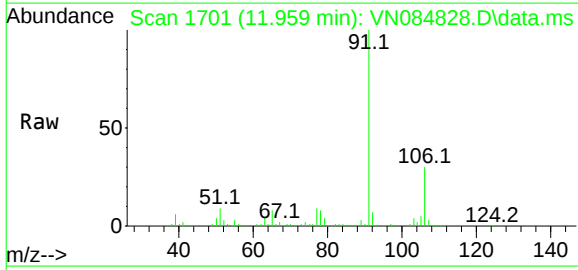
BP-B2-VOCDL

Tgt Ion: 91 Resp: 231451

Ion Ratio Lower Upper

91 100

106 29.5 24.5 36.7



#68

m/p-Xylenes

Concen: 4.209 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.006 min

Lab File: VN084828.D

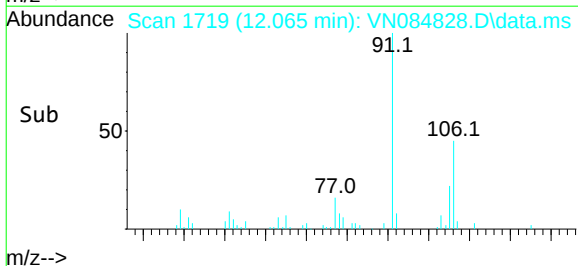
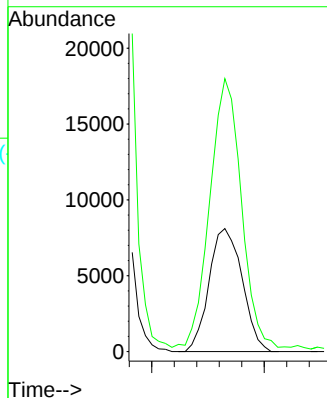
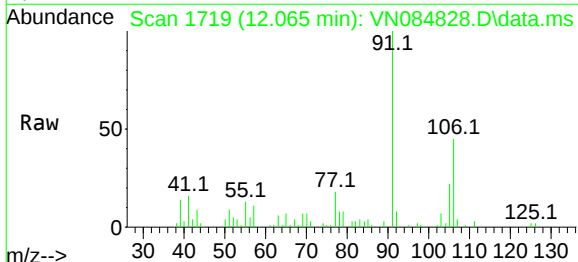
Acq: 13 Nov 2024 15:59

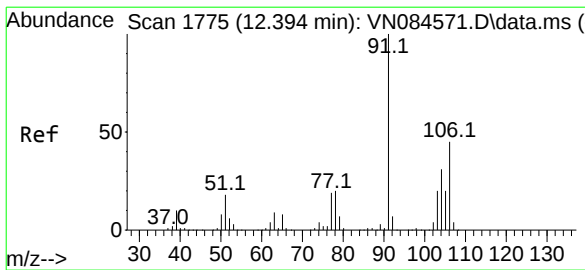
Tgt Ion: 106 Resp: 16596

Ion Ratio Lower Upper

106 100

91 208.5 167.1 250.7





#69

o-Xylene

Concen: 1.108 ug/l

RT: 12.394 min Scan# 17

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

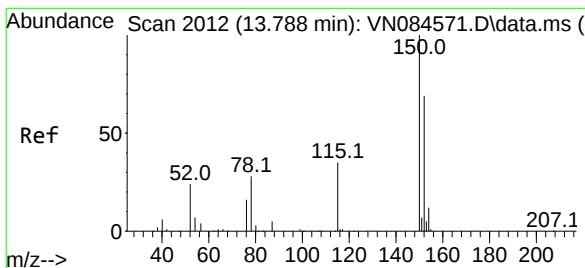
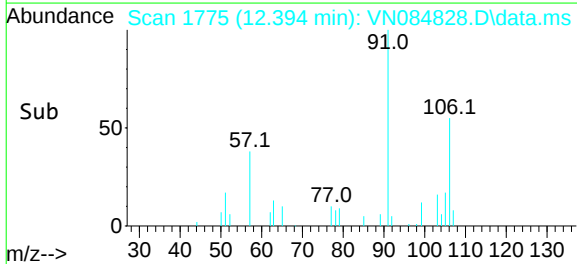
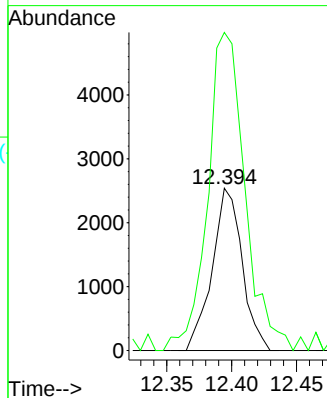
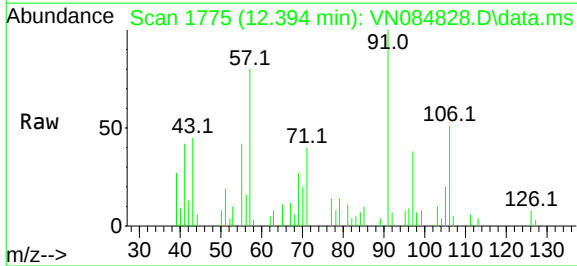
BP-B2-VOC DL

Tgt Ion:106 Resp: 4086

Ion Ratio Lower Upper

106 100

91 243.5 110.2 330.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

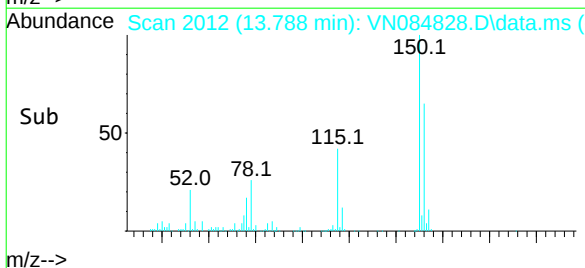
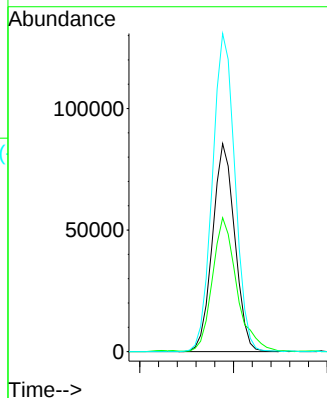
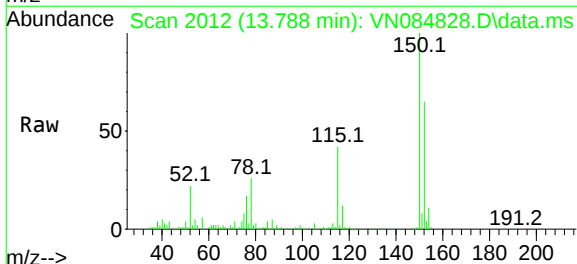
Tgt Ion:152 Resp: 140921

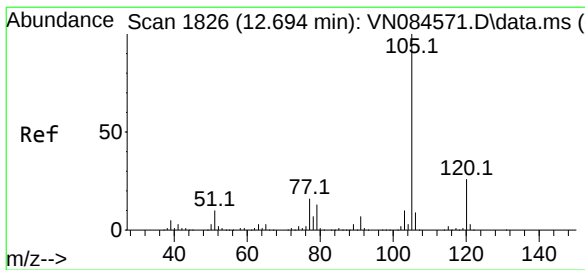
Ion Ratio Lower Upper

152 100

115 70.6 31.3 93.9

150 155.1 0.0 349.8





#73

Isopropylbenzene

Concen: 8.089 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

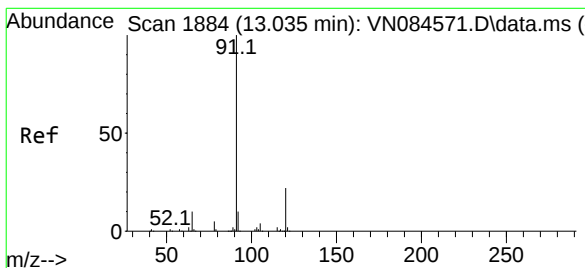
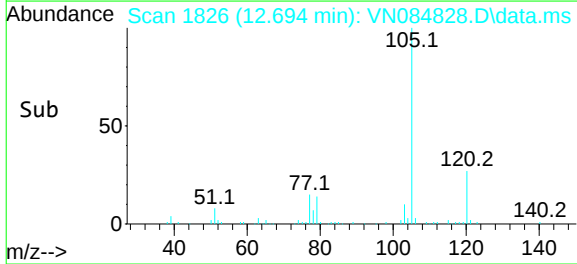
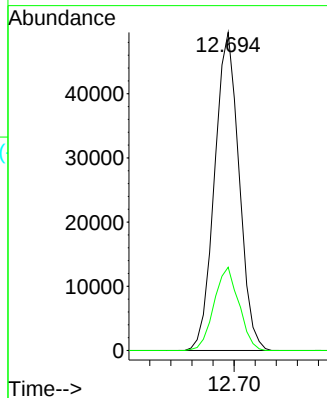
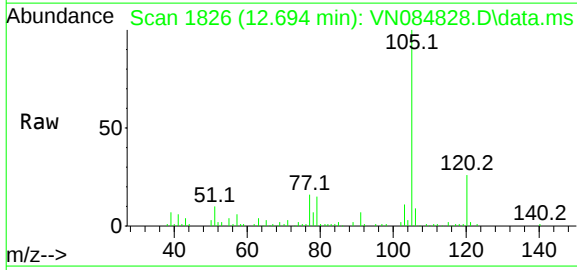
BP-B2-VOCDL

Tgt Ion: 105 Resp: 79883

Ion Ratio Lower Upper

105 100

120 26.6 12.9 38.7



#78

n-propylbenzene

Concen: 19.039 ug/l

RT: 13.036 min Scan# 1884

Delta R.T. 0.001 min

Lab File: VN084828.D

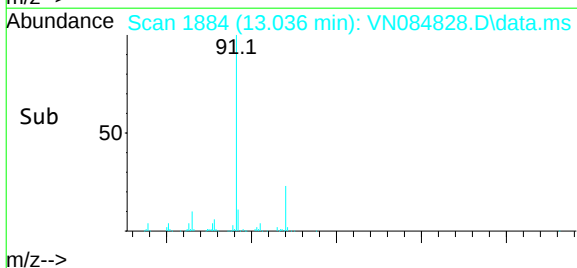
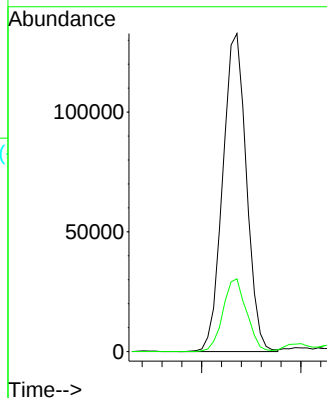
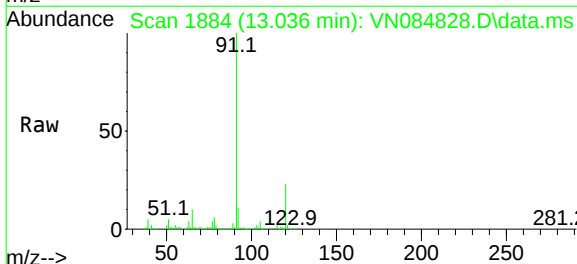
Acq: 13 Nov 2024 15:59

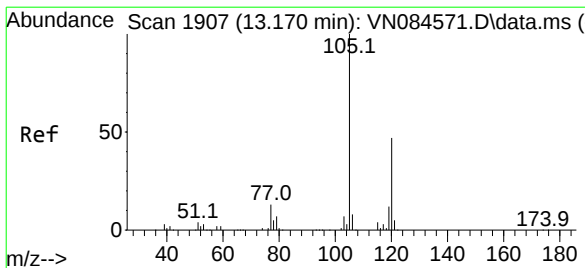
Tgt Ion: 91 Resp: 220327

Ion Ratio Lower Upper

91 100

120 22.8 10.8 32.4





#80

1,3,5-Trimethylbenzene

Concen: 13.038 ug/l

RT: 13.171 min Scan# 19

Delta R.T. 0.000 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

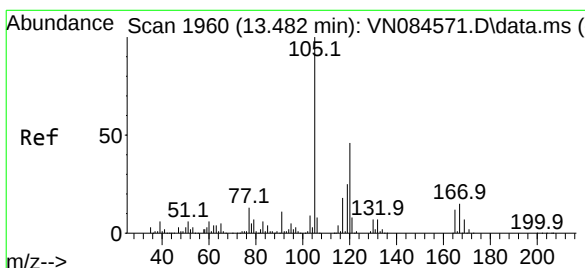
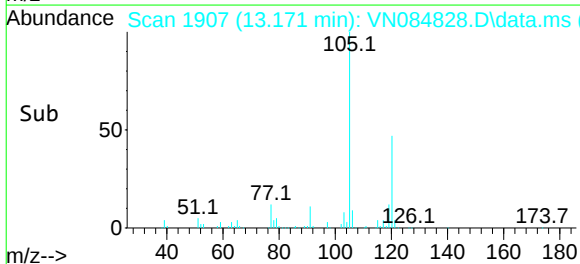
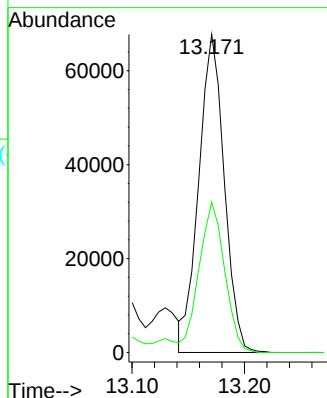
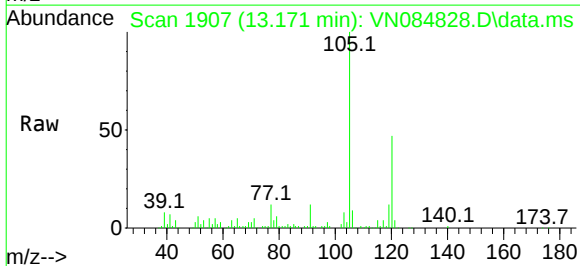
BP-B2-VOCDL

Tgt Ion:105 Resp: 106714

Ion Ratio Lower Upper

105 100

120 47.6 23.7 71.1



#84

1,2,4-Trimethylbenzene

Concen: 4.222 ug/l

RT: 13.477 min Scan# 1959

Delta R.T. -0.005 min

Lab File: VN084828.D

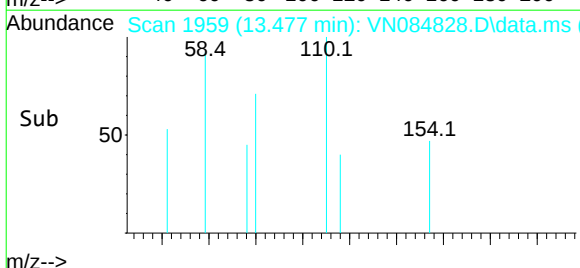
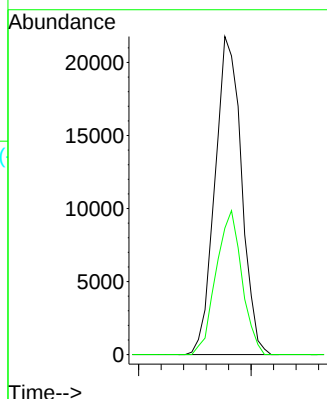
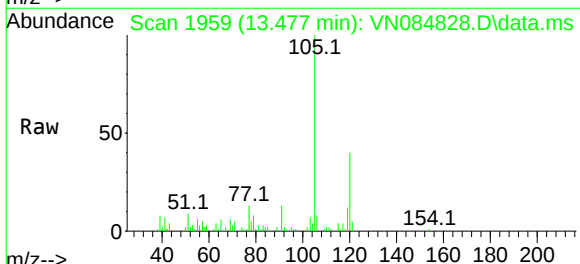
Acq: 13 Nov 2024 15:59

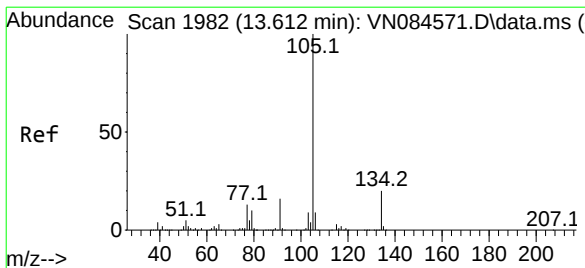
Tgt Ion:105 Resp: 35667

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.8





#85

sec-Butylbenzene

Concen: 1.994 ug/l

RT: 13.612 min Scan# 19

Delta R.T. -0.006 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

Instrument :

MSVOA_N

ClientSampleId :

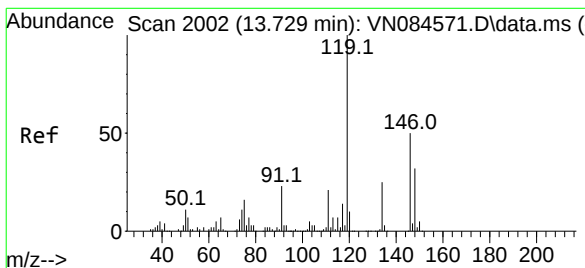
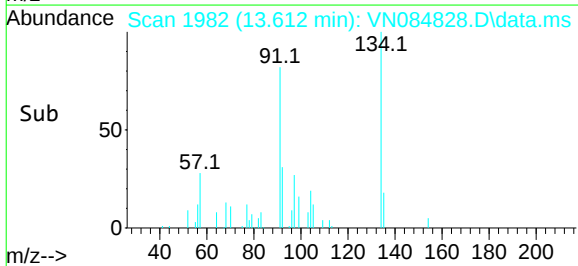
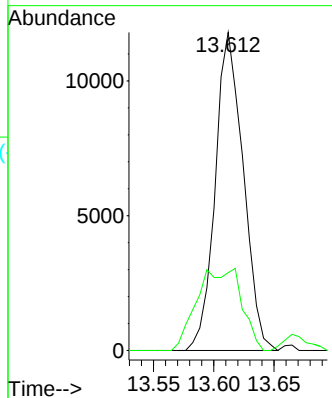
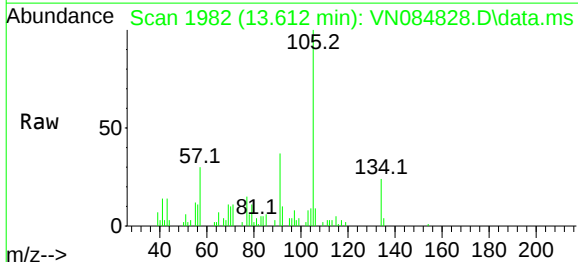
BP-B2-VOCDL

Tgt Ion:105 Resp: 19083

Ion Ratio Lower Upper

105 100

134 41.0 9.8 29.4#



#86

p-Isopropyltoluene

Concen: 1.028 ug/l

RT: 13.730 min Scan# 2002

Delta R.T. 0.001 min

Lab File: VN084828.D

Acq: 13 Nov 2024 15:59

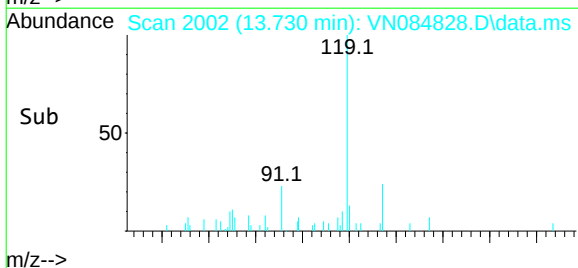
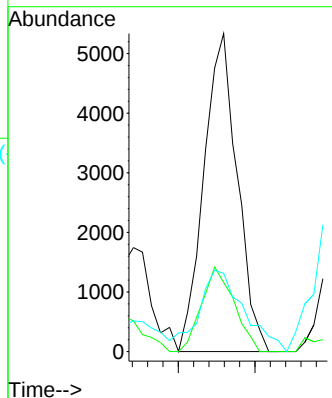
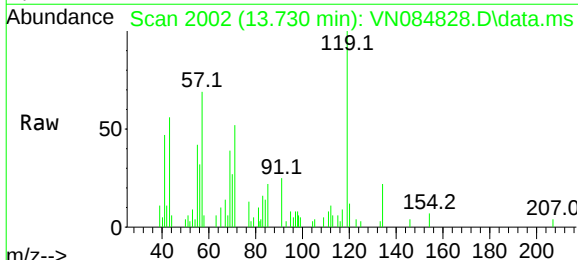
Tgt Ion:119 Resp: 8065

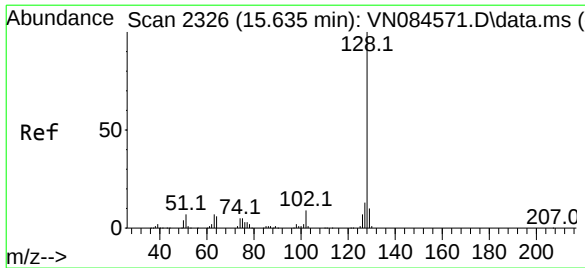
Ion Ratio Lower Upper

119 100

134 25.9 12.6 37.8

91 34.6 12.4 37.2





#95
Naphthalene
Concen: 4.784 ug/l
RT: 15.635 min Scan# 23
Delta R.T. 0.000 min
Lab File: VN084828.D
Acq: 13 Nov 2024 15:59

Instrument :
MSVOA_N
ClientSampleId :
BP-B2-VOC DL

Tgt Ion	Ratio	Lower	Upper
128	100		
127	14.5	10.5	15.7
129	11.6	8.7	13.1

