

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102424\
 Data File : VN084484.D
 Acq On : 24 Oct 2024 13:34
 Operator : JC\MD
 Sample : P4489-01ME
 Misc : 5.02G/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT-2675ME

Quant Time: Oct 24 14:18:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N093024W.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 01 07:11:01 2024
 Response via : Initial Calibration

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

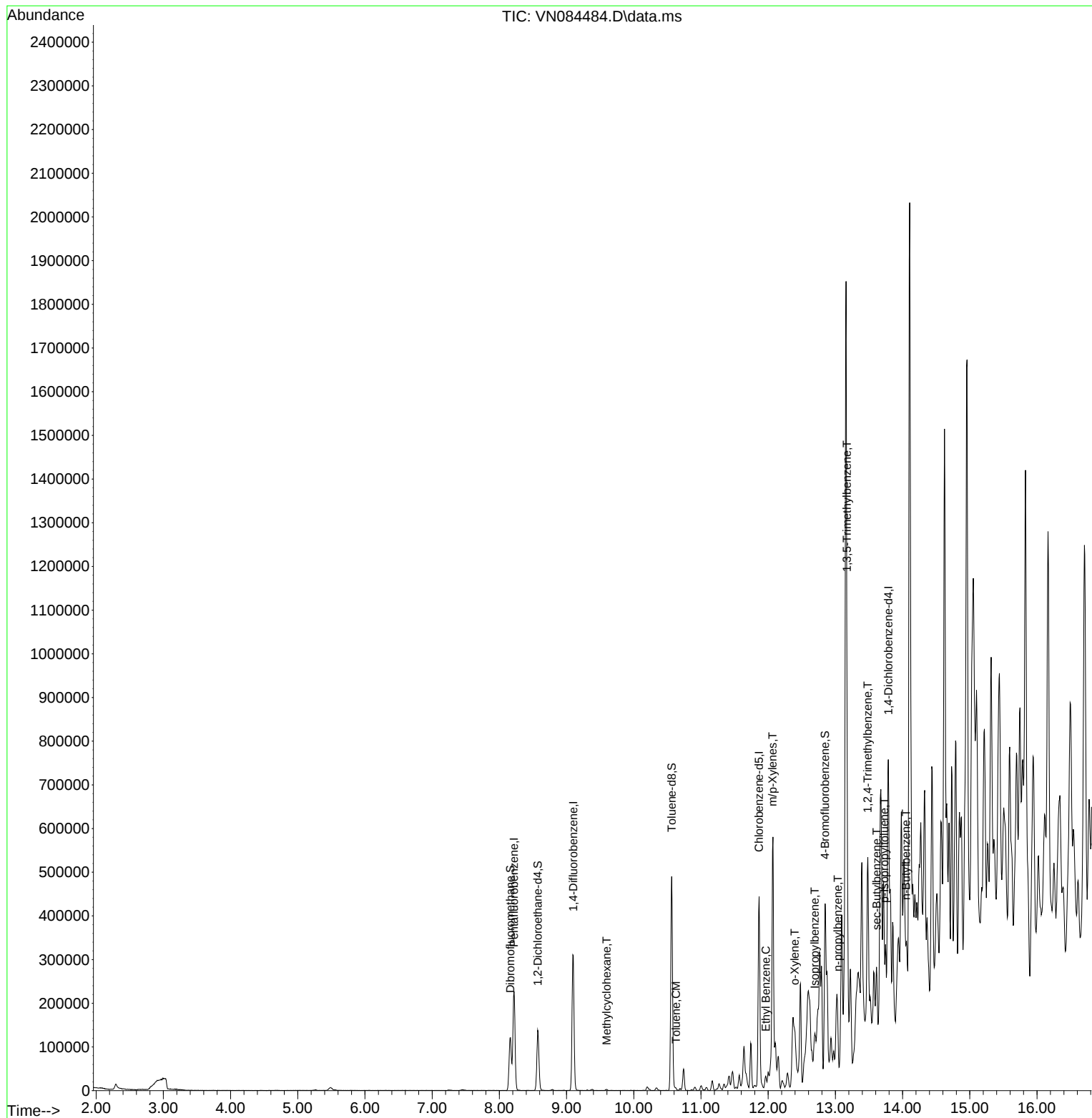
Internal Standards						
1) Pentafluorobenzene	8.218	168	163940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	270873	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	251171	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	119267	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	110411	45.423	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 90.840%			
35) Dibromofluoromethane	8.165	113	89818	50.297	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.600%			
50) Toluene-d8	10.565	98	331130	50.400	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 100.800%			
62) 4-Bromofluorobenzene	12.847	95	125234	52.322	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 104.640%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.594	83	1064	0.369	ug/l #	73
52) Toluene	10.629	92	1242	0.252	ug/l	93
67) Ethyl Benzene	11.965	91	15117	1.535	ug/l	92
68) m/p-Xylenes	12.065	106	22236	6.104	ug/l	100
69) o-Xylene	12.394	106	19615	5.691	ug/l	93
73) Isopropylbenzene	12.694	105	16732	1.838	ug/l	94
78) n-propylbenzene	13.035	91	58347	5.533	ug/l	100
80) 1,3,5-Trimethylbenzene	13.170	105	99094	13.348	ug/l	100
84) 1,2,4-Trimethylbenzene	13.482	105	247665	33.116	ug/l	99
85) sec-Butylbenzene	13.617	105	54725	6.215	ug/l	87
86) p-Isopropyltoluene	13.729	119	36441	5.005	ug/l	99
89) n-Butylbenzene	14.053	91	66899	10.133	ug/l #	76

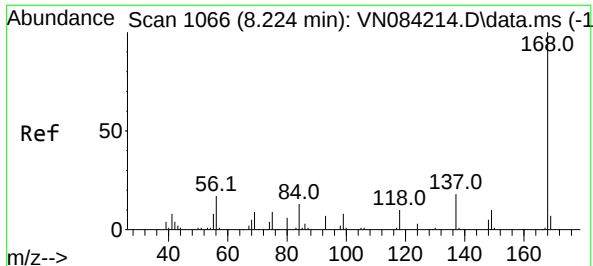
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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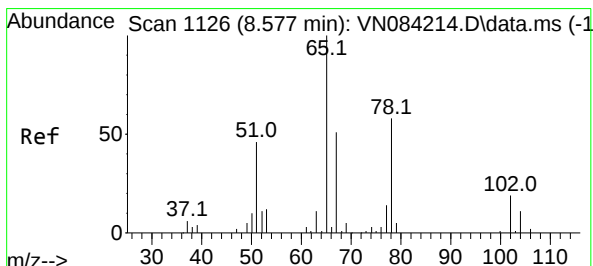
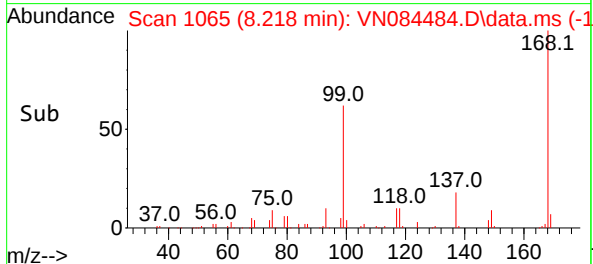
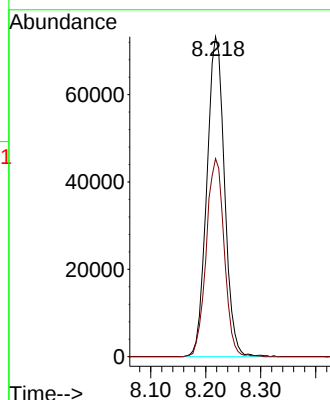
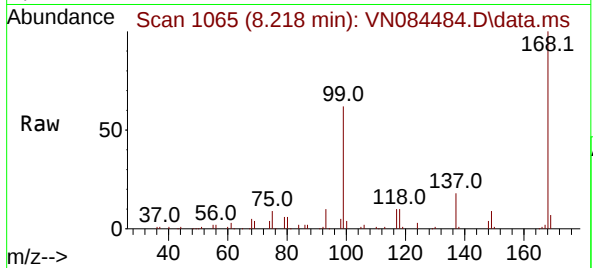




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

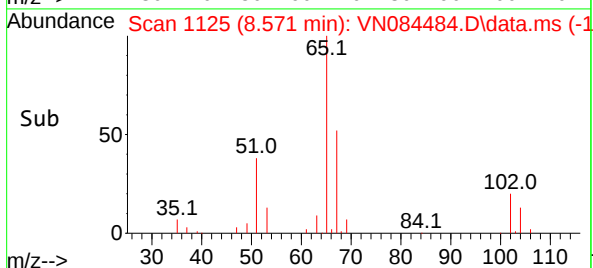
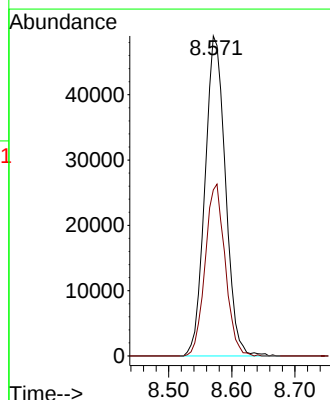
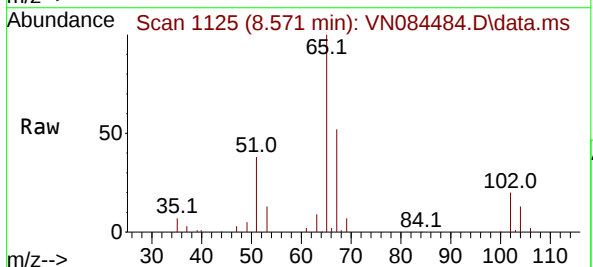
Instrument :
MSVOA_N
ClientSampleId :
RT-2675ME

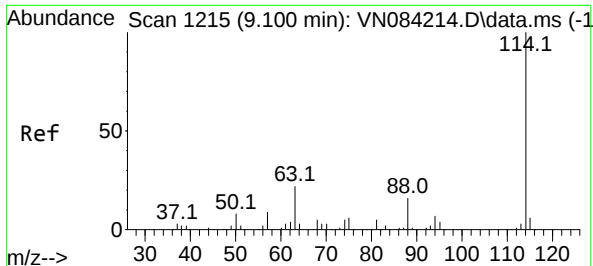
Tgt Ion:168 Resp: 163940
Ion Ratio Lower Upper
168 100
99 61.9 54.2 81.2



#33
1,2-Dichloroethane-d4
Concen: 45.423 ug/l
RT: 8.571 min Scan# 1125
Delta R.T. -0.006 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion: 65 Resp: 110411
Ion Ratio Lower Upper
65 100
67 52.4 0.0 102.0

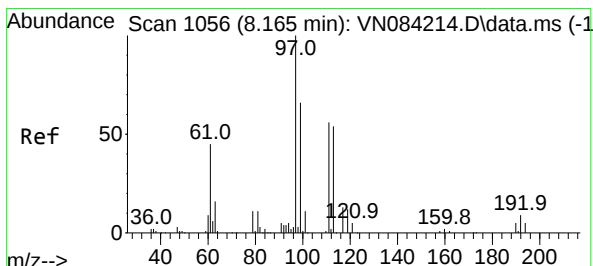
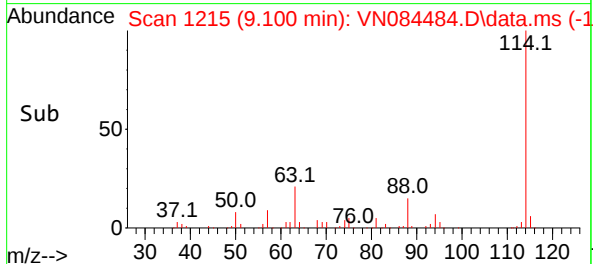
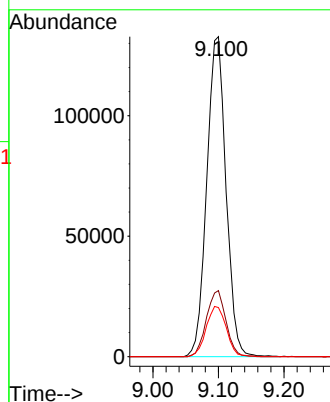
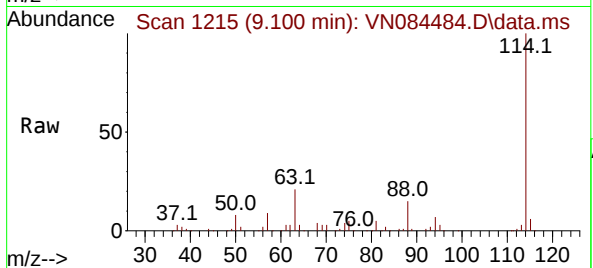




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

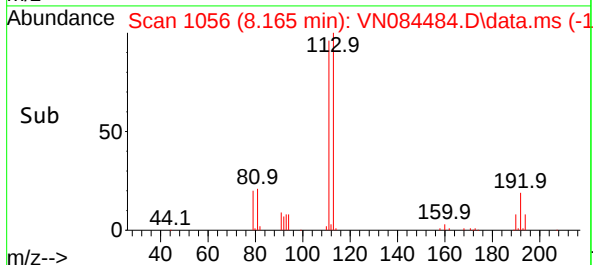
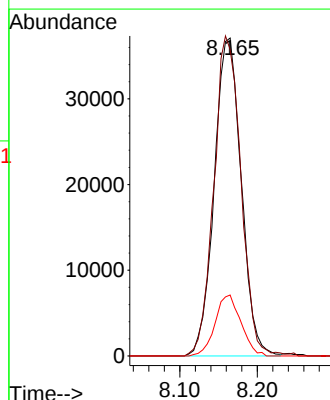
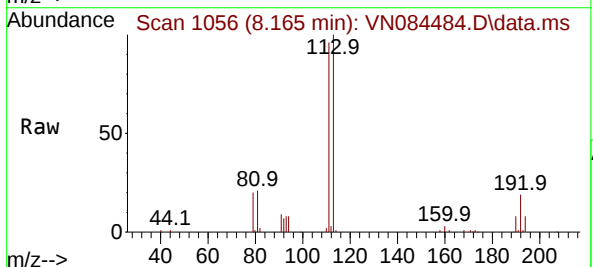
Instrument :
MSVOA_N
ClientSampleId :
RT-2675ME

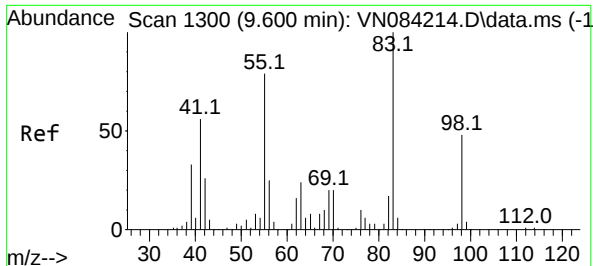
Tgt Ion:114 Resp: 270873
Ion Ratio Lower Upper
114 100
63 20.6 0.0 43.8
88 15.4 0.0 31.6



#35
Dibromofluoromethane
Concen: 50.297 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion:113 Resp: 89818
Ion Ratio Lower Upper
113 100
111 100.8 83.3 124.9
192 18.3 13.5 20.3





#39

Methylcyclohexane

Concen: 0.369 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN084484.D

Acq: 24 Oct 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

RT-2675ME

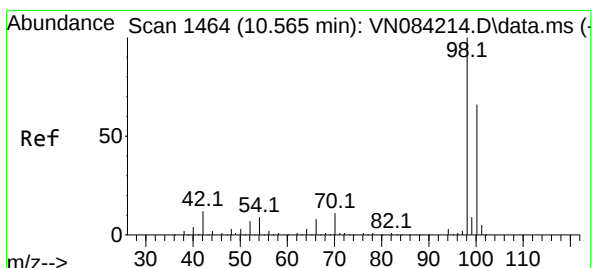
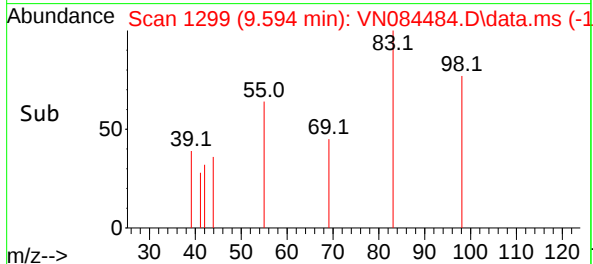
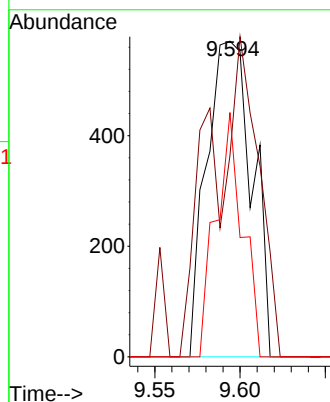
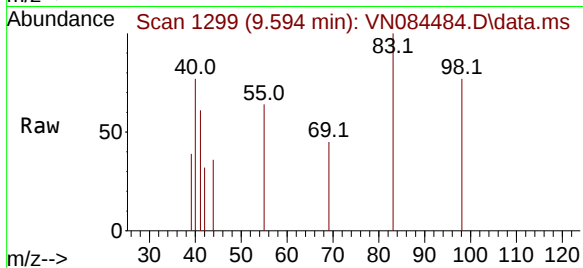
Tgt Ion: 83 Resp: 1064

Ion Ratio Lower Upper

83 100

55 63.7 62.8 94.2

98 77.4 38.8 58.2#



#50

Toluene-d8

Concen: 50.400 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN084484.D

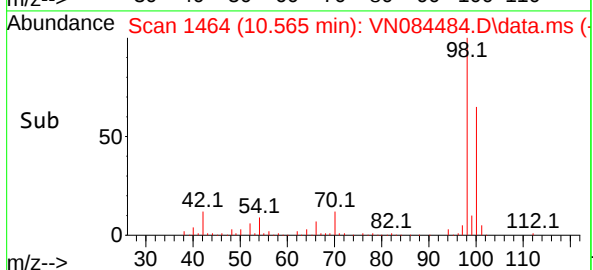
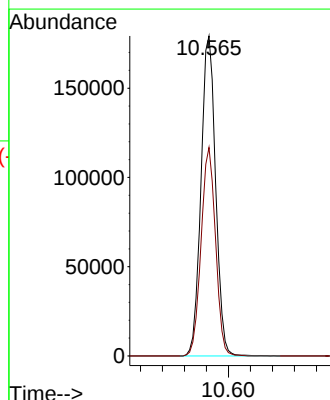
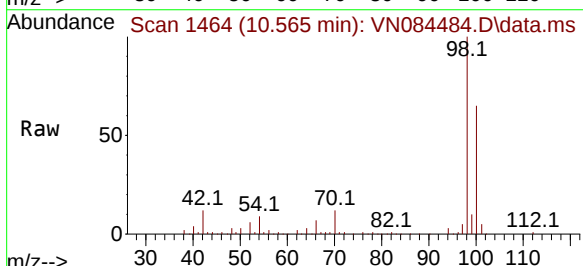
Acq: 24 Oct 2024 13:34

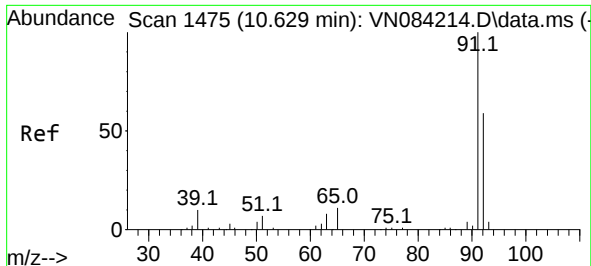
Tgt Ion: 98 Resp: 331130

Ion Ratio Lower Upper

98 100

100 64.3 52.7 79.1

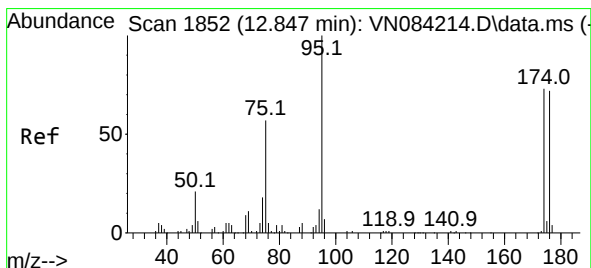
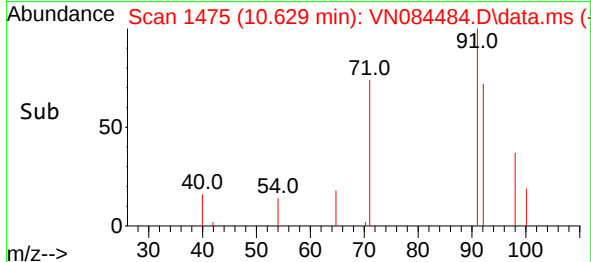
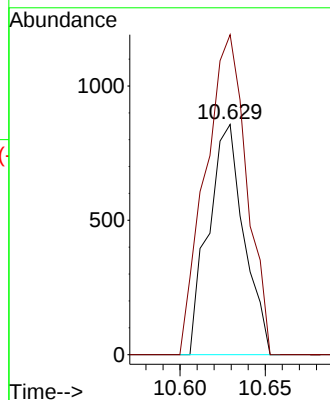
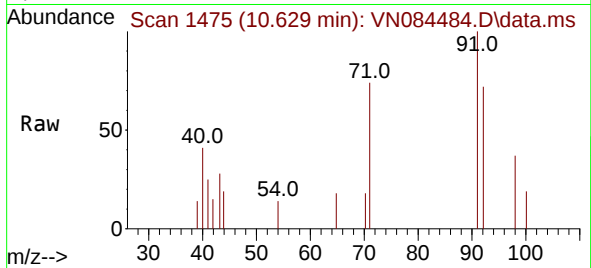




#52
Toluene
Concen: 0.252 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

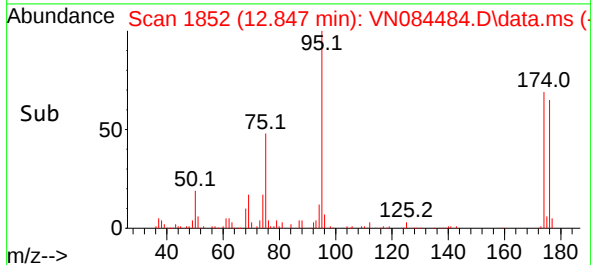
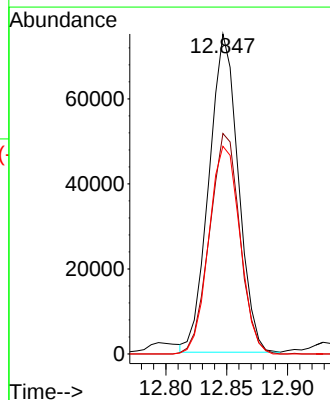
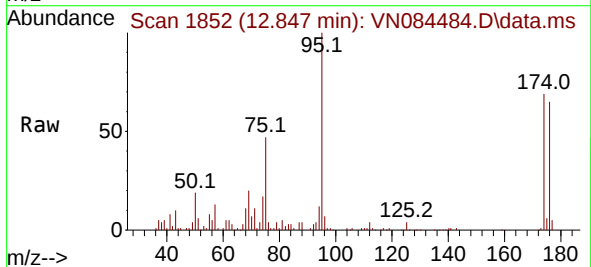
Instrument :
MSVOA_N
ClientSampleId :
RT-2675ME

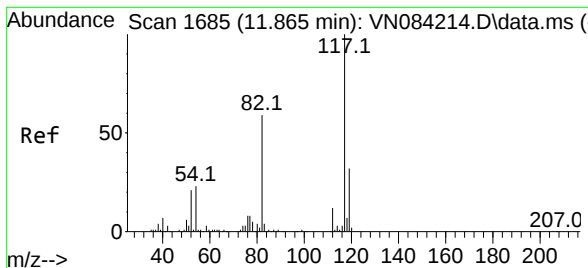
Tgt Ion: 92 Resp: 1242
Ion Ratio Lower Upper
92 100
91 161.9 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 52.322 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion: 95 Resp: 125234
Ion Ratio Lower Upper
95 100
174 71.5 0.0 145.2
176 69.2 0.0 140.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.865 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN084484.D

Acq: 24 Oct 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

RT-2675ME

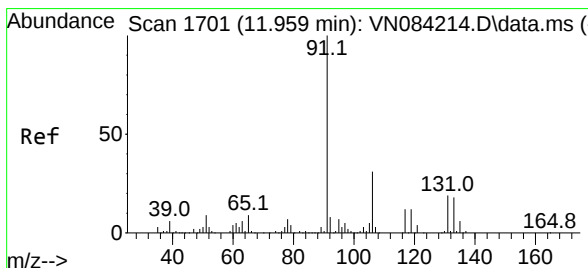
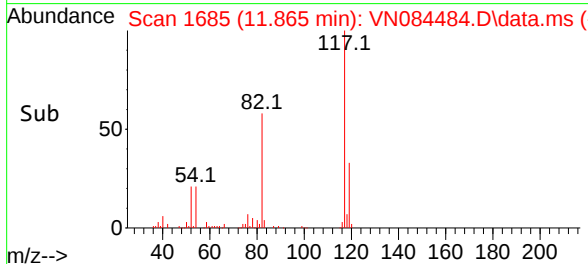
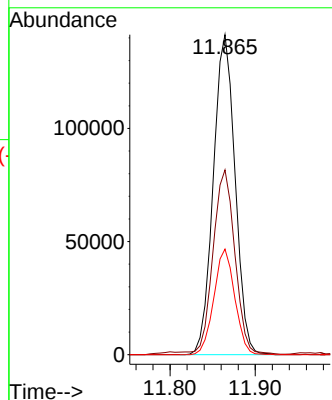
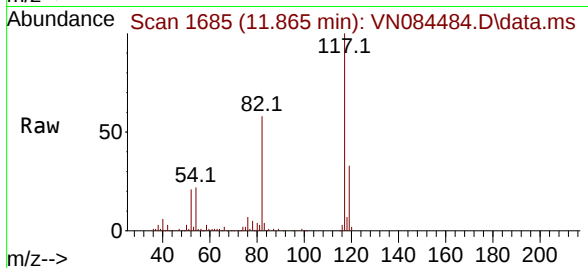
Tgt Ion:117 Resp: 251171

Ion Ratio Lower Upper

117 100

82 57.6 47.2 70.8

119 33.0 25.4 38.0



#67

Ethyl Benzene

Concen: 1.535 ug/l

RT: 11.965 min Scan# 1702

Delta R.T. 0.006 min

Lab File: VN084484.D

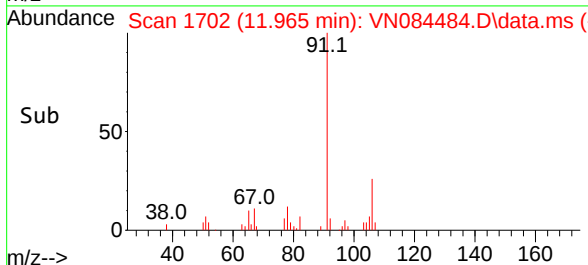
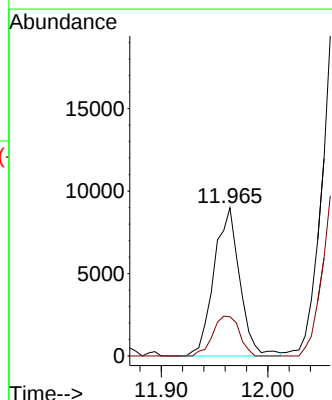
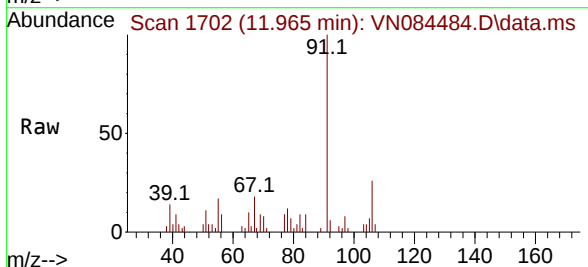
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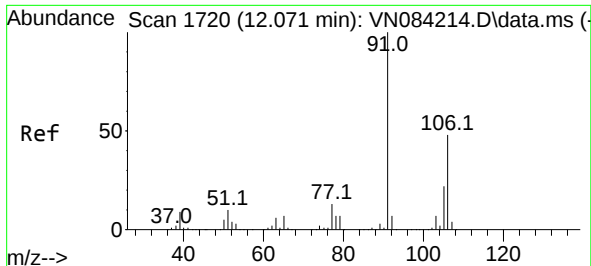
Tgt Ion: 91 Resp: 15117

Ion Ratio Lower Upper

91 100

106 26.5 24.5 36.7

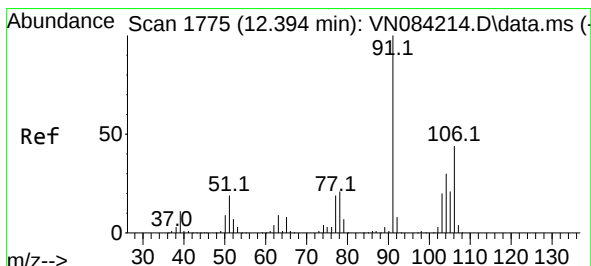
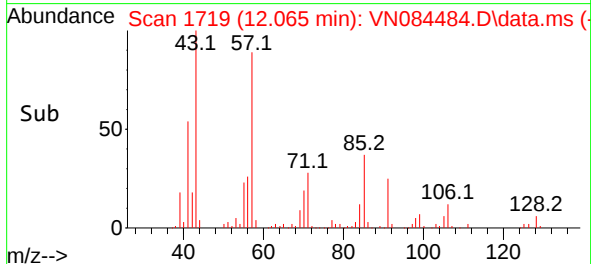
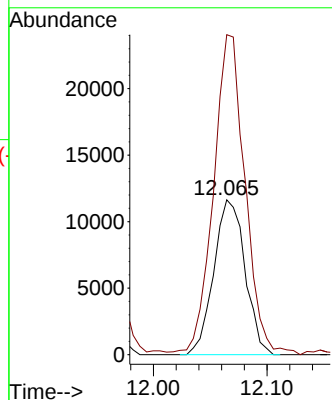
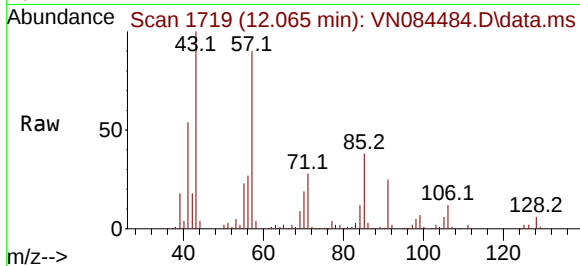




#68
m/p-Xylenes
Concen: 6.104 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

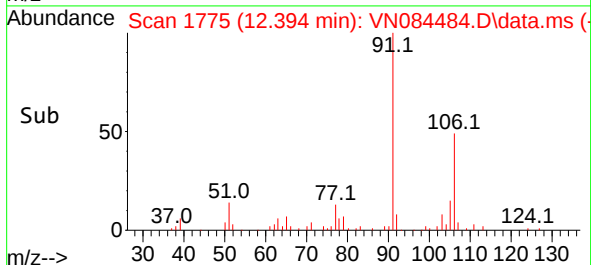
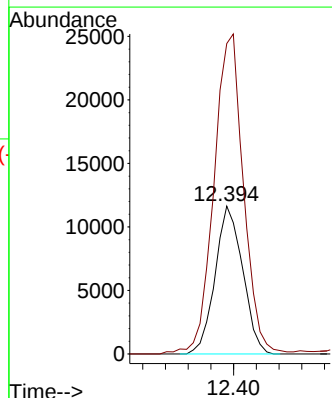
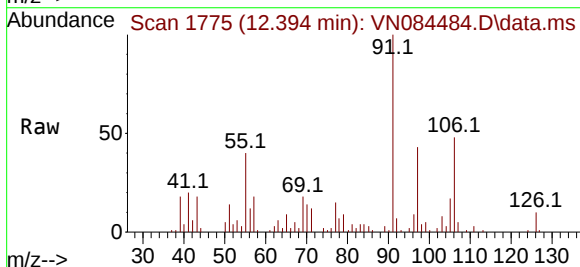
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RT-2675ME

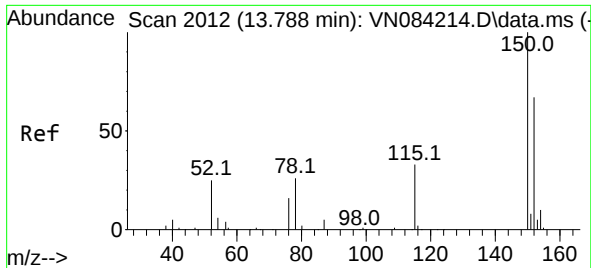
Tgt Ion:106 Resp: 22236
Ion Ratio Lower Upper
106 100
91 209.4 167.1 250.7



#69
o-Xylene
Concen: 5.691 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion:106 Resp: 19615
Ion Ratio Lower Upper
106 100
91 231.8 110.2 330.6

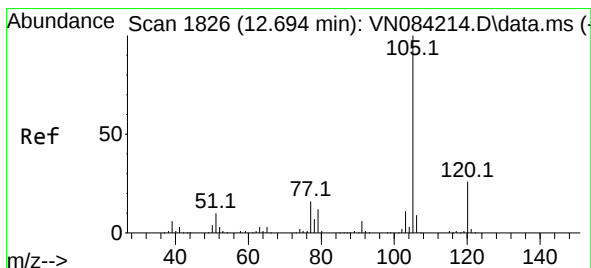
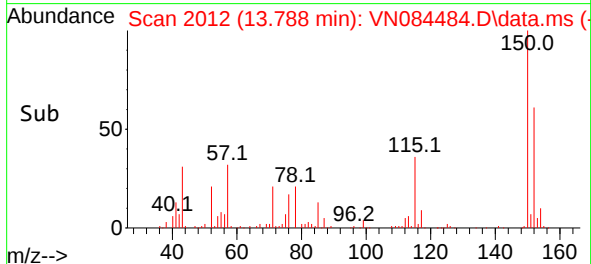
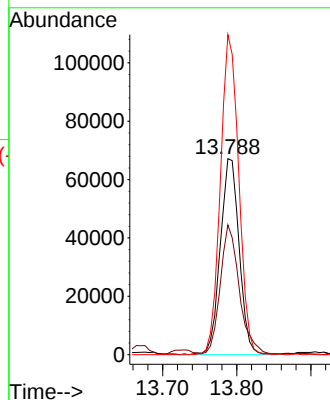
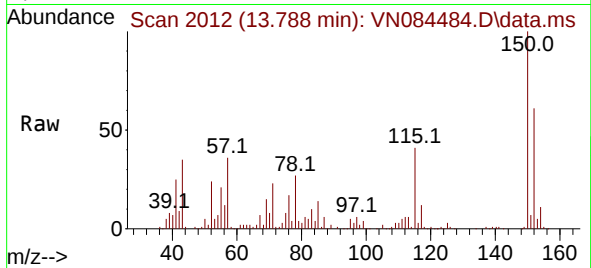




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

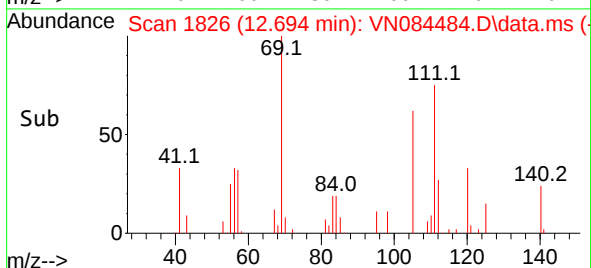
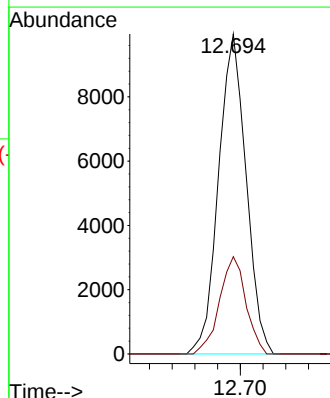
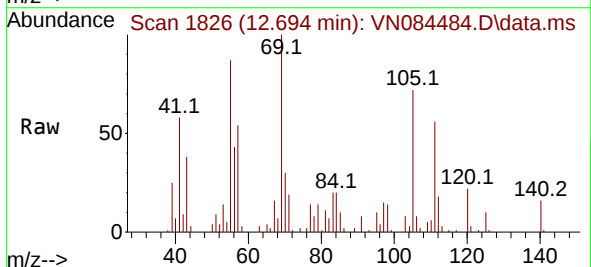
Instrument :
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ClientSampleId :
RT-2675ME

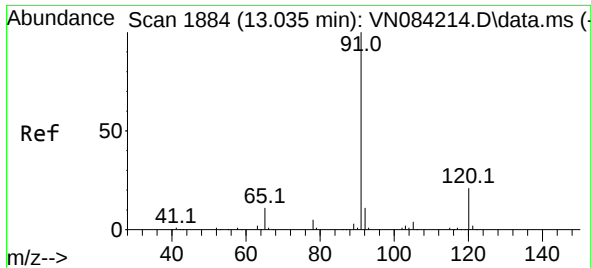
Tgt Ion:152 Resp: 119267
Ion Ratio Lower Upper
152 100
115 66.1 31.3 93.9
150 158.0 0.0 349.8



#73
Isopropylbenzene
Concen: 1.838 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion:105 Resp: 16732
Ion Ratio Lower Upper
105 100
120 29.1 12.9 38.7

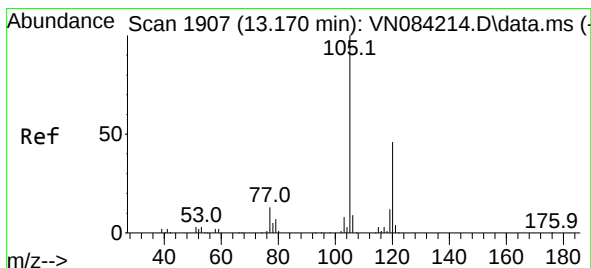
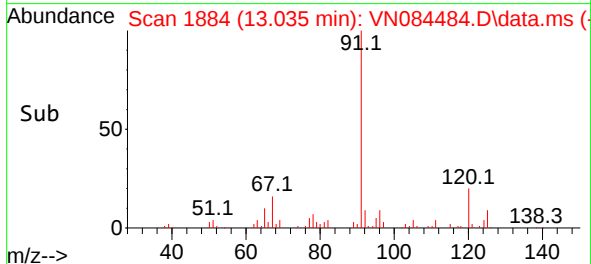
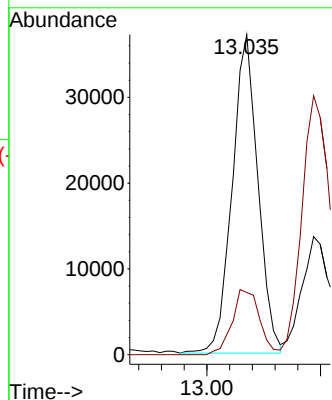
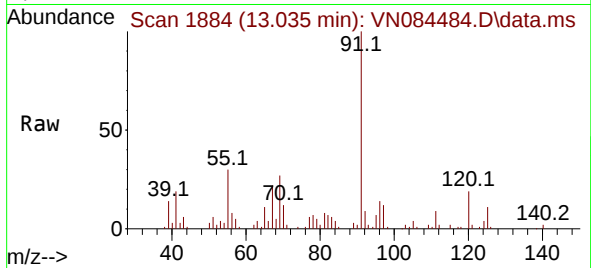




#78
n-propylbenzene
Concen: 5.533 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

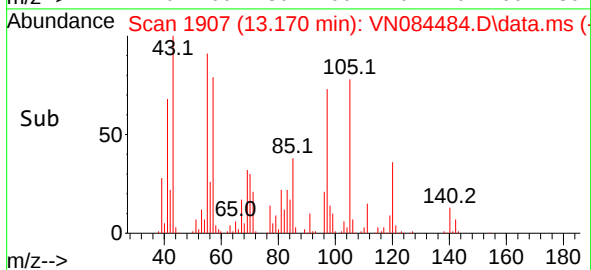
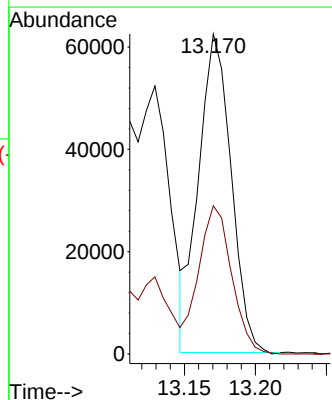
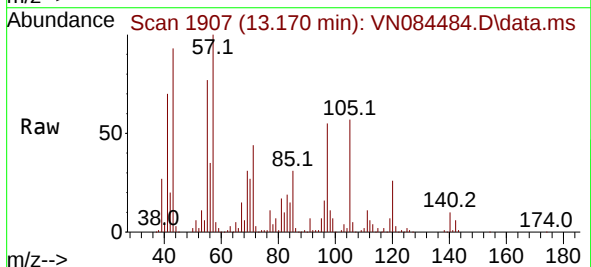
Instrument :
MSVOA_N
ClientSampleId :
RT-2675ME

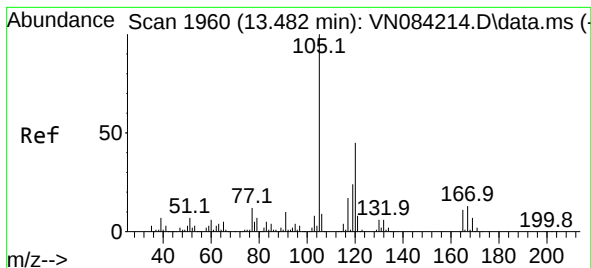
Tgt Ion: 91 Resp: 58347
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4



#80
1,3,5-Trimethylbenzene
Concen: 13.348 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN084484.D
Acq: 24 Oct 2024 13:34

Tgt Ion: 105 Resp: 99094
Ion Ratio Lower Upper
105 100
120 47.4 23.7 71.1





#84

1,2,4-Trimethylbenzene

Concen: 33.116 ug/l

RT: 13.482 min Scan# 1960

Delta R.T. -0.000 min

Lab File: VN084484.D

Acq: 24 Oct 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

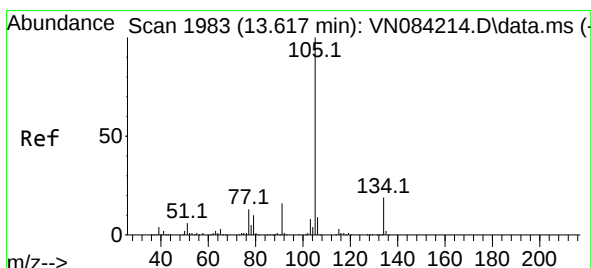
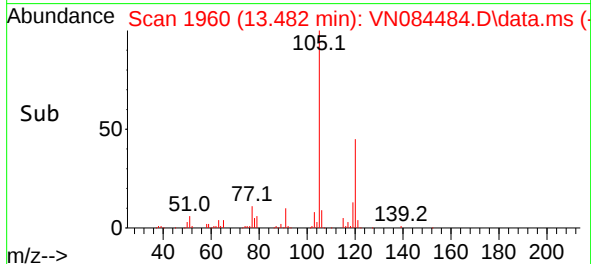
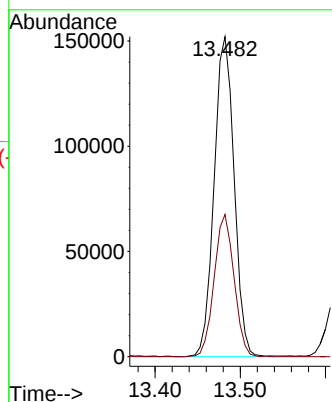
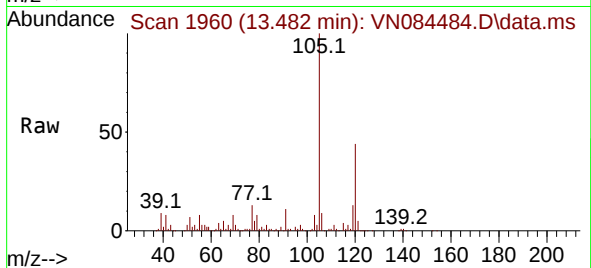
RT-2675ME

Tgt Ion:105 Resp: 247665

Ion Ratio Lower Upper

105 100

120 44.1 22.3 66.8



#85

sec-Butylbenzene

Concen: 6.215 ug/l

RT: 13.617 min Scan# 1983

Delta R.T. -0.000 min

Lab File: VN084484.D

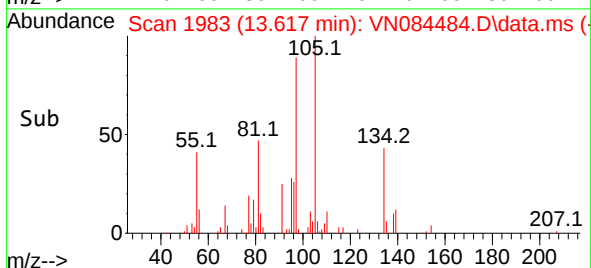
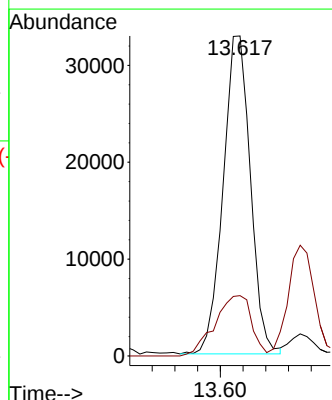
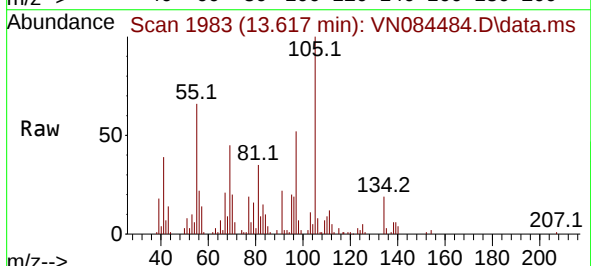
Acq: 24 Oct 2024 13:34

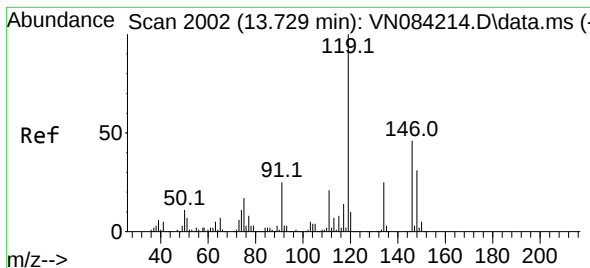
Tgt Ion:105 Resp: 54725

Ion Ratio Lower Upper

105 100

134 25.5 9.8 29.4





#86

p-Isopropyltoluene

Concen: 5.005 ug/l

RT: 13.729 min Scan# 2002

Delta R.T. -0.000 min

Lab File: VN084484.D

Acq: 24 Oct 2024 13:34

Instrument :

MSVOA_N

ClientSampleId :

RT-2675ME

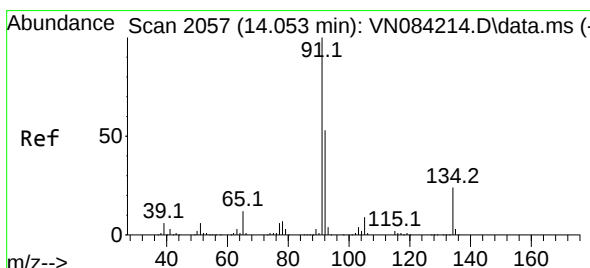
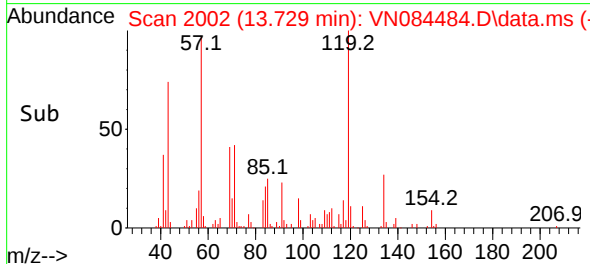
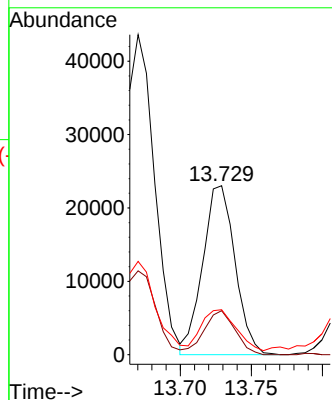
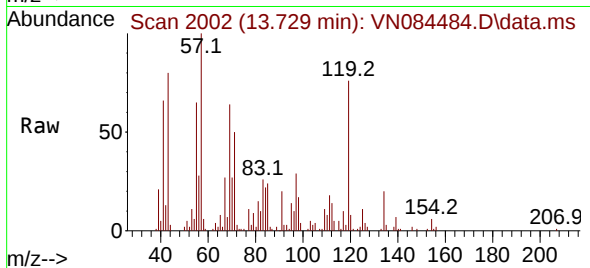
Tgt Ion:119 Resp: 36441

Ion Ratio Lower Upper

119 100

134 25.1 12.6 37.8

91 25.4 12.4 37.2



#89

n-Butylbenzene

Concen: 10.133 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. -0.000 min

Lab File: VN084484.D

Acq: 24 Oct 2024 13:34

Tgt Ion: 91 Resp: 66899

Ion Ratio Lower Upper

91 100

92 62.0 26.6 79.7

134 0.0 12.3 36.9#

