

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
 Data File : VN082762.D
 Acq On : 01 Jul 2024 13:51
 Operator : JC\MD
 Sample : P3110-03 20X
 Misc : 1.06g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 170

Quant Time: Jul 02 00:06:51 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 28 06:02:21 2024
 Response via : Initial Calibration

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

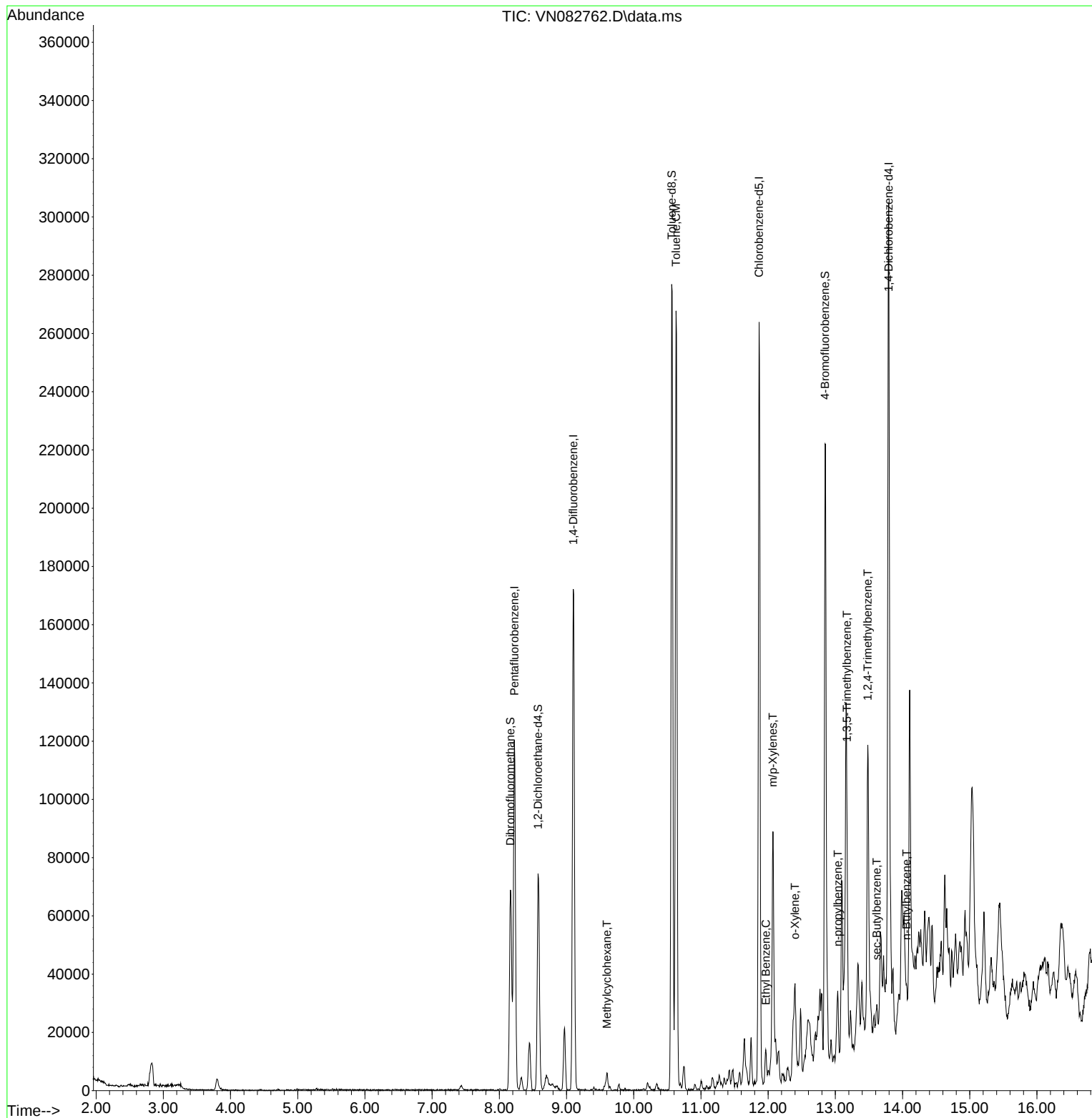
Internal Standards						
1) Pentafluorobenzene	8.224	168	75955	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	147622	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	148633	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	67891	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	62458	53.322	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 106.640%			
35) Dibromofluoromethane	8.165	113	49426	50.853	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 101.700%			
50) Toluene-d8	10.565	98	190567	52.428	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 104.860%			
62) 4-Bromofluorobenzene	12.847	95	71527	57.301	ug/l	0.00
Spiked Amount 50.000	Range 64 - 133		Recovery = 114.600%			
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	2245	1.548	ug/l	94
52) Toluene	10.630	92	114612	42.589	ug/l	97
67) Ethyl Benzene	11.965	91	8973	1.631	ug/l	90
68) m/p-Xylenes	12.071	106	11762	5.745	ug/l	97
69) o-Xylene	12.400	106	6768	3.430	ug/l	98
78) n-propylbenzene	13.035	91	13277	2.271	ug/l	94
80) 1,3,5-Trimethylbenzene	13.171	105	15005	3.689	ug/l	98
84) 1,2,4-Trimethylbenzene	13.482	105	53525	13.314	ug/l	99
85) sec-Butylbenzene	13.618	105	5395	1.125	ug/l	89
89) n-Butylbenzene	14.059	91	6799	1.998	ug/l #	83

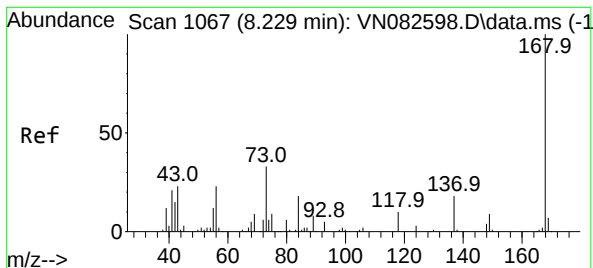
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070124\
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062724W.M
Quant Title : SW846 8260
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Response via : Initial Calibration

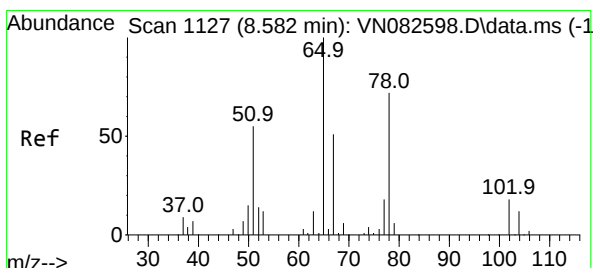
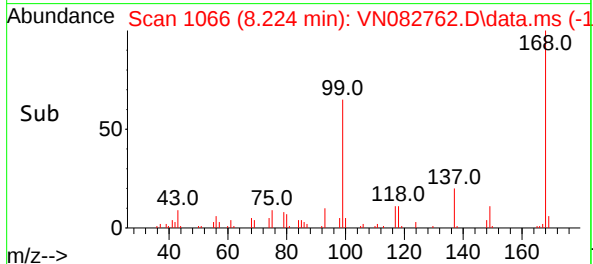
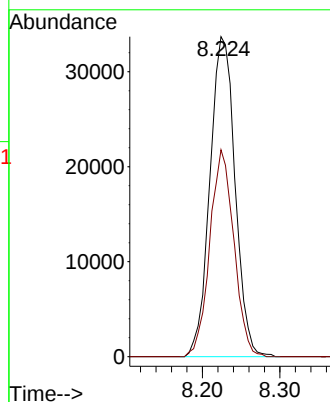
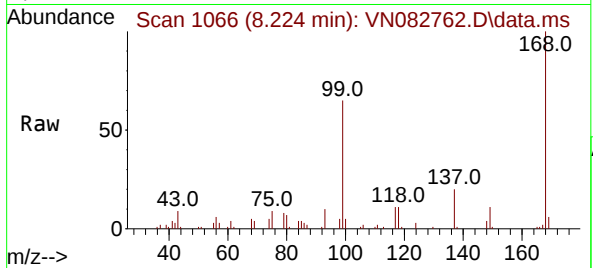




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.005 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

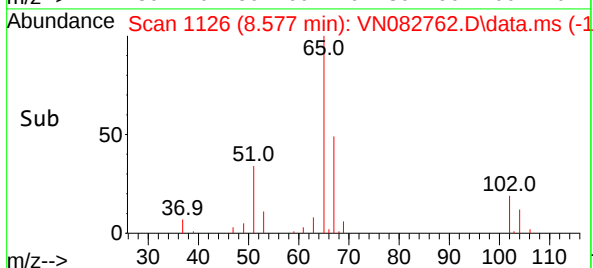
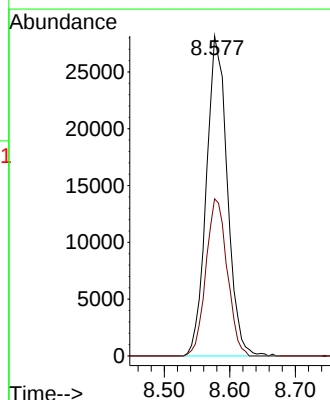
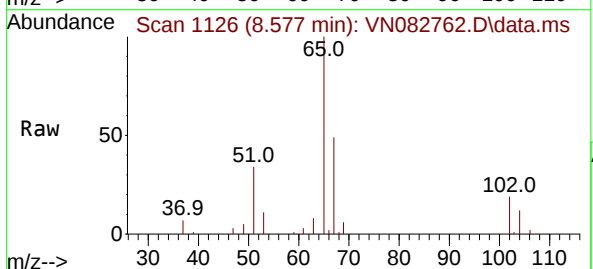
Instrument :
MSVOA_N
ClientSampleId :
170

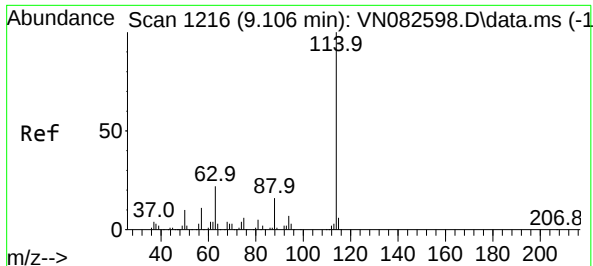
Tgt Ion:168 Resp: 75955
Ion Ratio Lower Upper
168 100
99 64.6 48.2 72.4



#33
1,2-Dichloroethane-d4
Concen: 53.322 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.005 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion: 65 Resp: 62458
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082762.D

Acq: 01 Jul 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

170

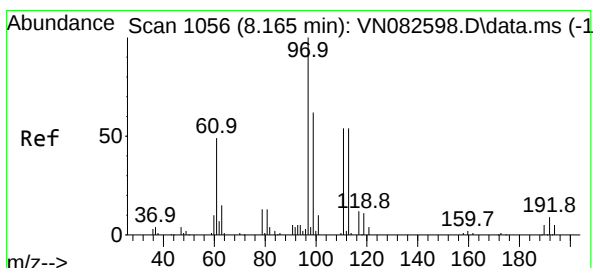
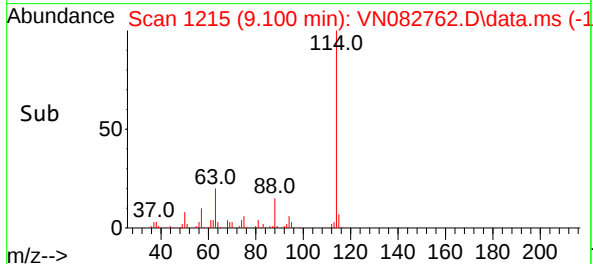
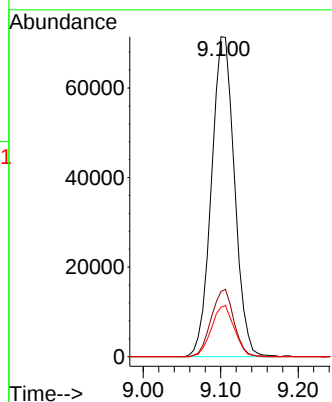
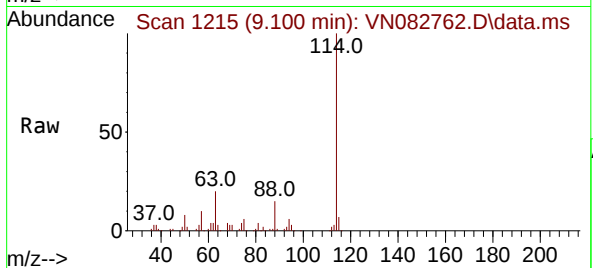
Tgt Ion:114 Resp: 147622

Ion Ratio Lower Upper

114 100

63 20.4 0.0 44.6

88 15.5 0.0 31.4



#35

Dibromofluoromethane

Concen: 50.853 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN082762.D

Acq: 01 Jul 2024 13:51

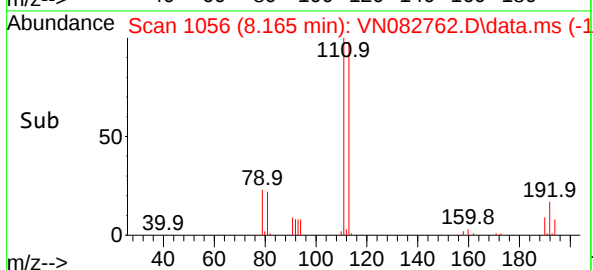
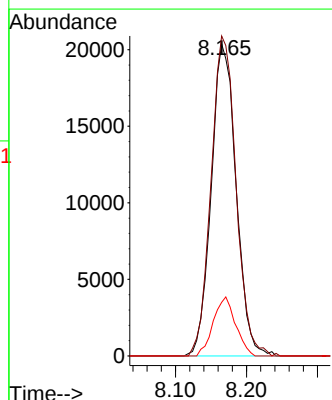
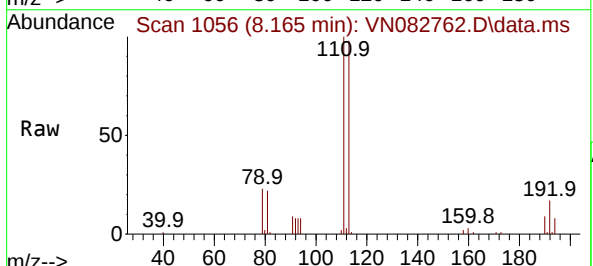
Tgt Ion:113 Resp: 49426

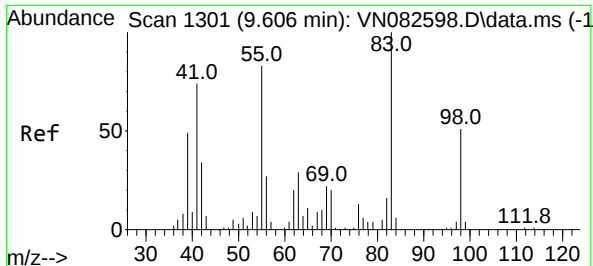
Ion Ratio Lower Upper

113 100

111 103.1 82.4 123.6

192 17.0 14.9 22.3





#39

Methylcyclohexane

Concen: 1.548 ug/l

RT: 9.600 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN082762.D

Acq: 01 Jul 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

170

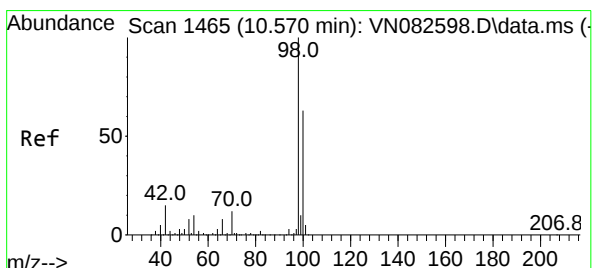
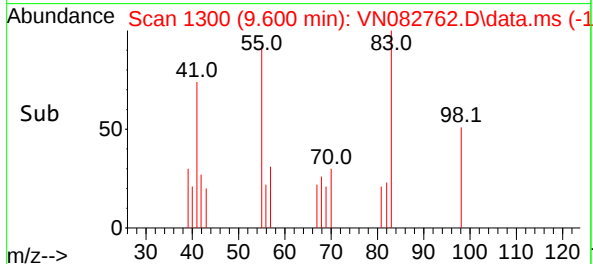
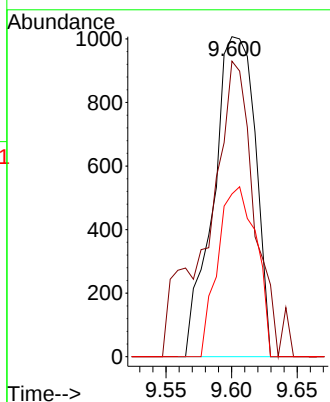
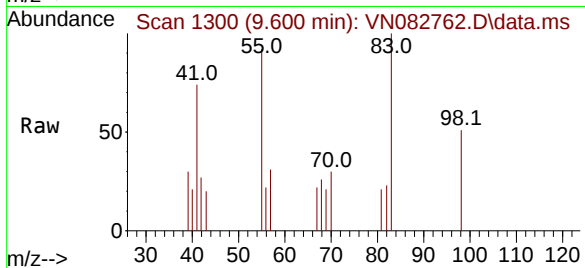
Tgt Ion: 83 Resp: 2245

Ion Ratio Lower Upper

83 100

55 92.4 66.4 99.6

98 50.8 40.7 61.1



#50

Toluene-d8

Concen: 52.428 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.005 min

Lab File: VN082762.D

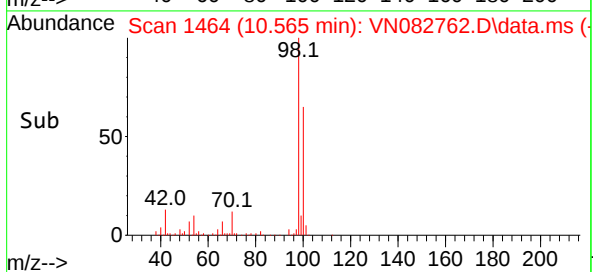
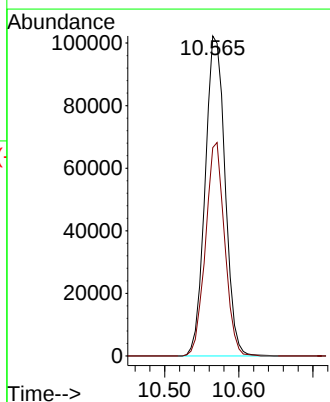
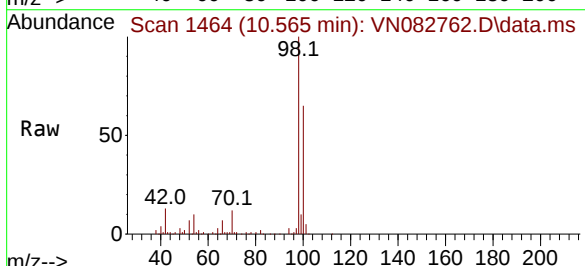
Acq: 01 Jul 2024 13:51

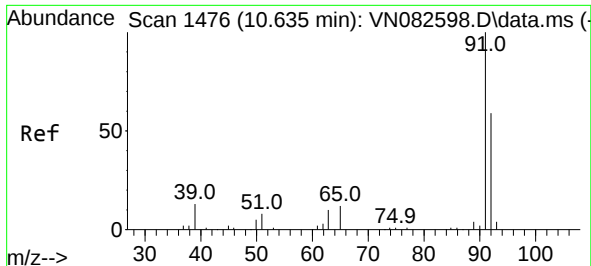
Tgt Ion: 98 Resp: 190567

Ion Ratio Lower Upper

98 100

100 64.2 51.5 77.3

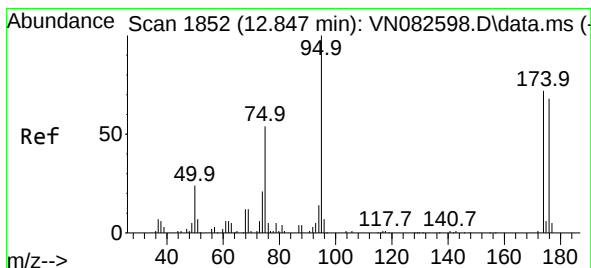
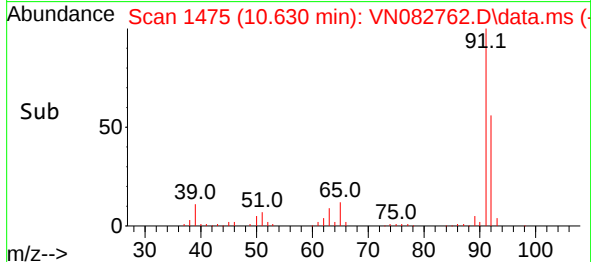
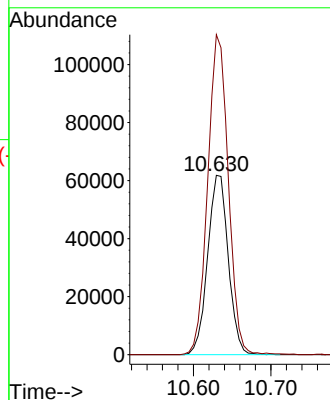
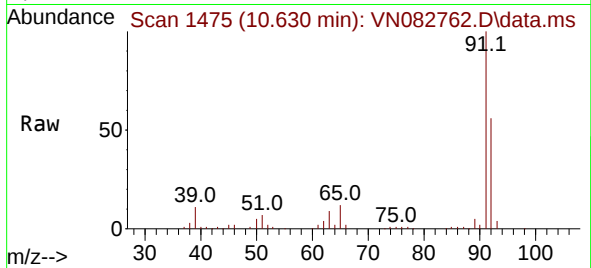




#52
Toluene
Concen: 42.589 ug/l
RT: 10.630 min Scan# 1476
Delta R.T. -0.005 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

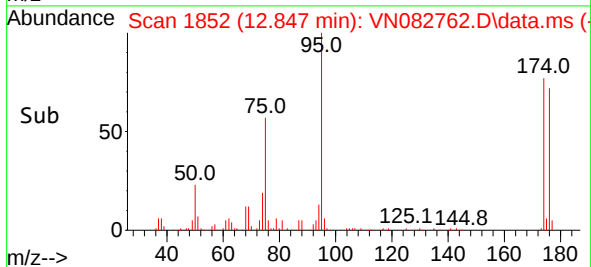
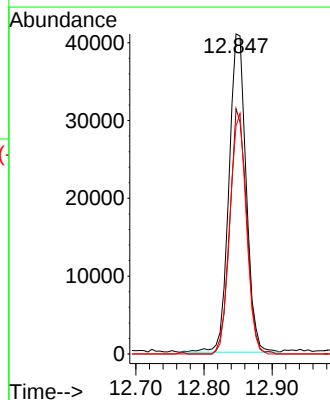
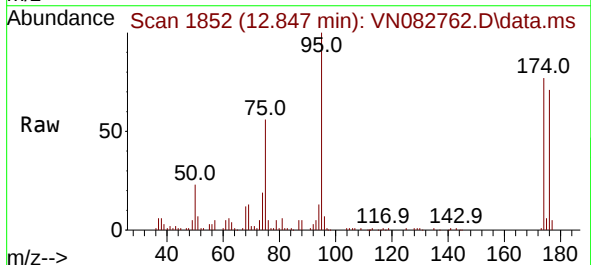
Instrument :
MSVOA_N
ClientSampleId :
170

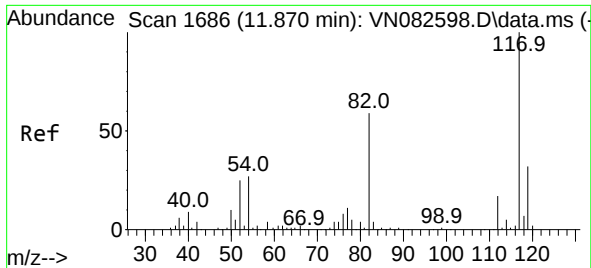
Tgt Ion: 92 Resp: 114612
Ion Ratio Lower Upper
92 100
91 178.0 139.4 209.0



#62
4-Bromofluorobenzene
Concen: 57.301 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion: 95 Resp: 71527
Ion Ratio Lower Upper
95 100
174 75.7 0.0 159.2
176 72.5 0.0 147.6

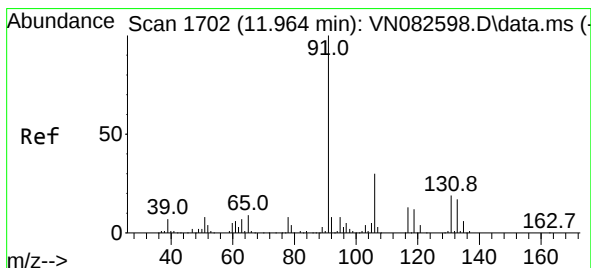
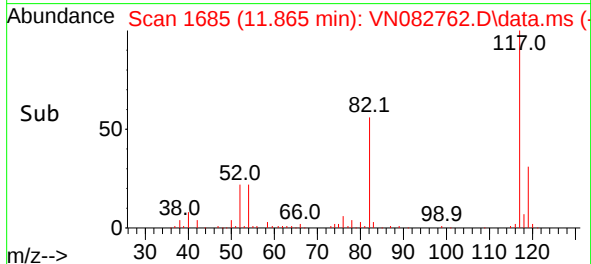
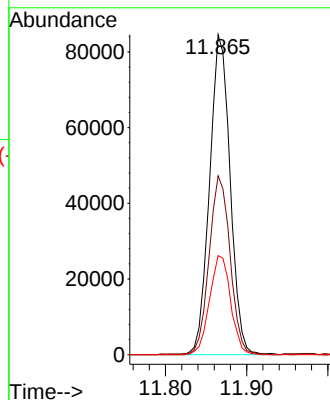
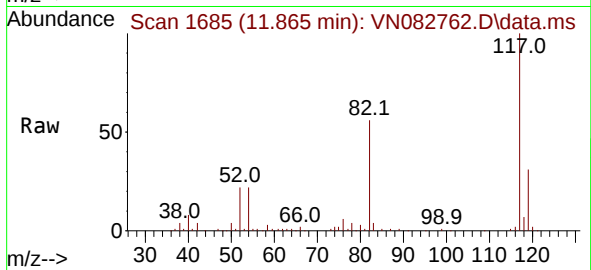




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.005 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

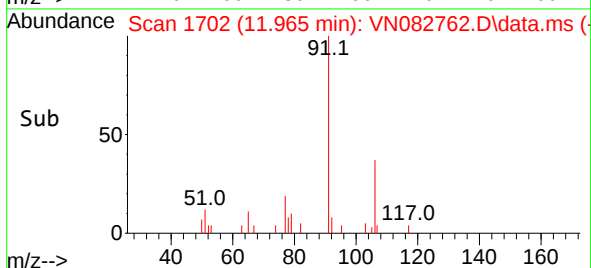
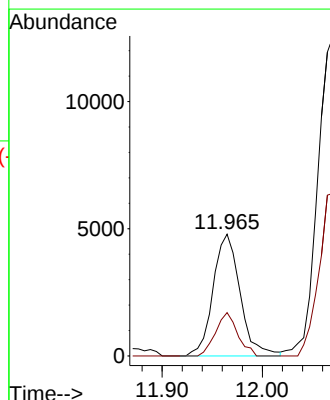
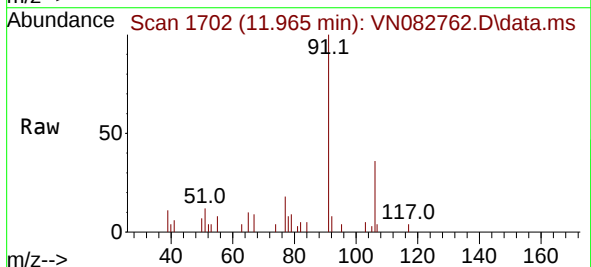
Instrument :
MSVOA_N
ClientSampleId :
170

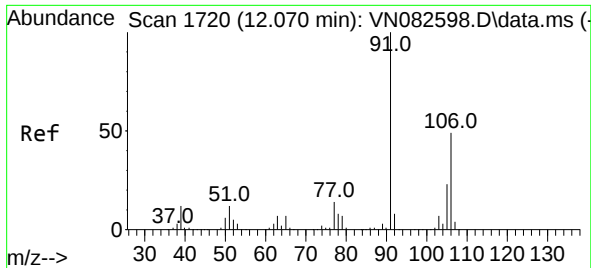
Tgt Ion:117 Resp: 148633
Ion Ratio Lower Upper
117 100
82 55.9 47.5 71.3
119 31.0 25.6 38.4



#67
Ethyl Benzene
Concen: 1.631 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.001 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion: 91 Resp: 8973
Ion Ratio Lower Upper
91 100
106 35.7 24.0 36.0

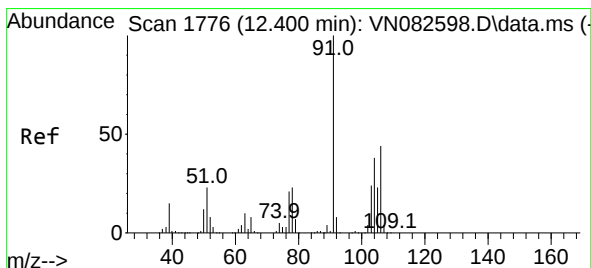
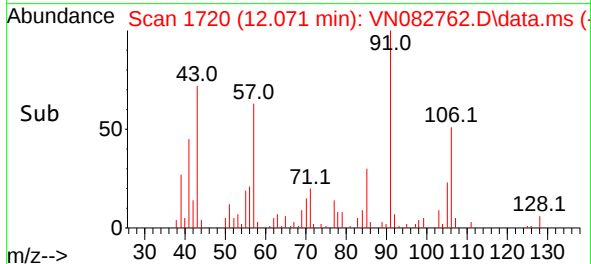
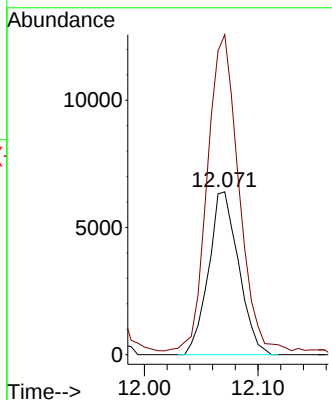
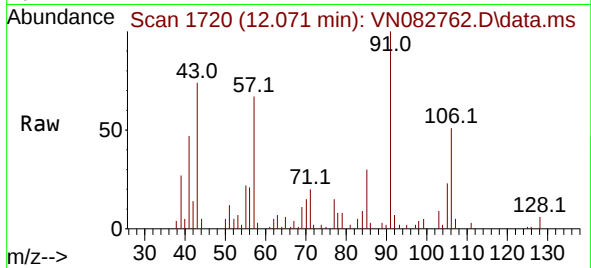




#68
m/p-Xylenes
Concen: 5.745 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. 0.001 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

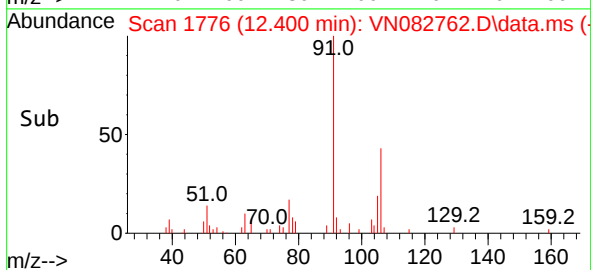
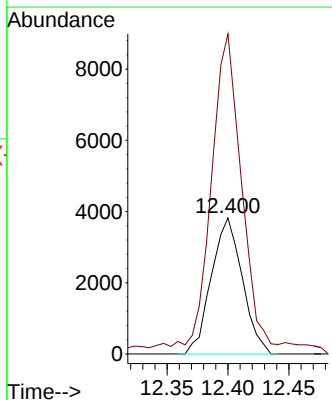
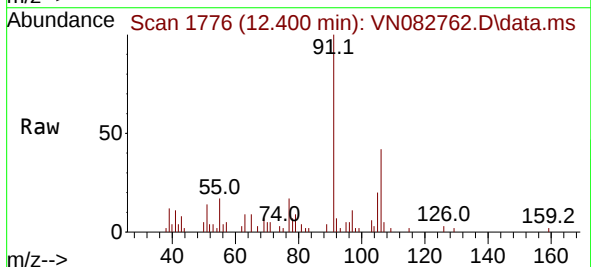
Instrument :
MSVOA_N
ClientSampleId :
170

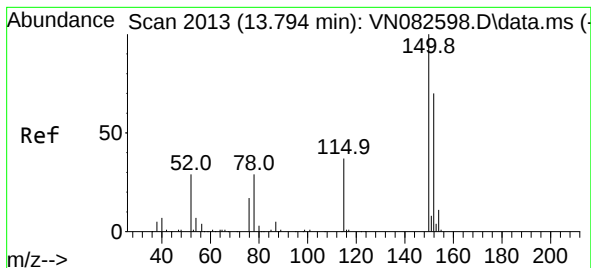
Tgt Ion:106 Resp: 11762
Ion Ratio Lower Upper
106 100
91 212.5 166.1 249.1



#69
o-Xylene
Concen: 3.430 ug/l
RT: 12.400 min Scan# 1776
Delta R.T. 0.000 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion:106 Resp: 6768
Ion Ratio Lower Upper
106 100
91 219.6 111.3 333.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.000 min

Lab File: VN082762.D

Acq: 01 Jul 2024 13:51

Instrument :

MSVOA_N

ClientSampleId :

170

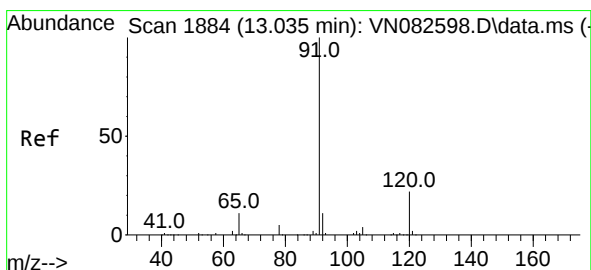
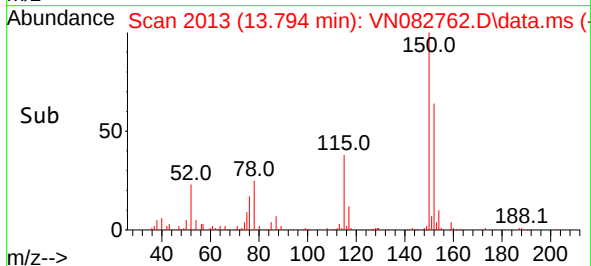
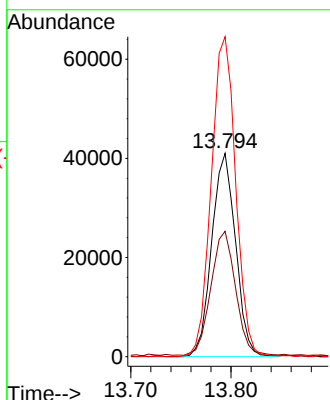
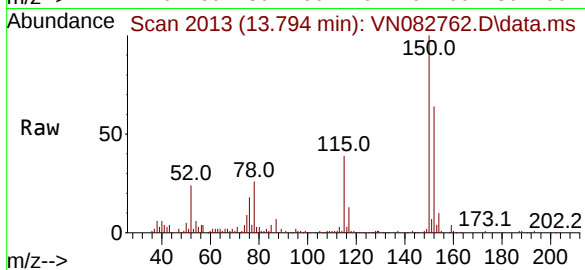
Tgt Ion:152 Resp: 67891

Ion Ratio Lower Upper

152 100

115 62.8 30.6 91.6

150 160.8 0.0 348.6



#78

n-propylbenzene

Concen: 2.271 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. 0.000 min

Lab File: VN082762.D

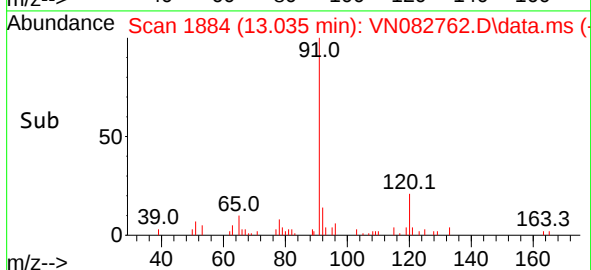
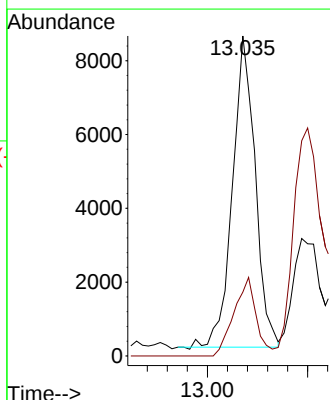
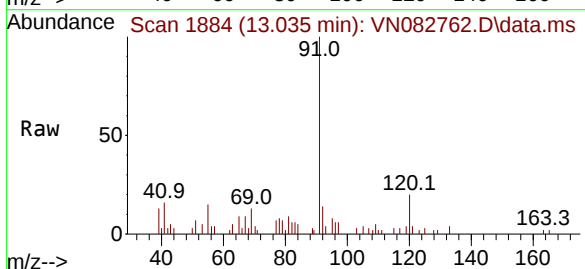
Acq: 01 Jul 2024 13:51

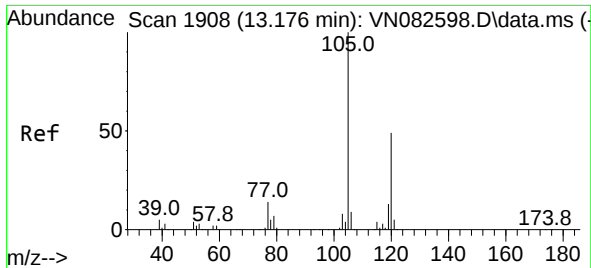
Tgt Ion: 91 Resp: 13277

Ion Ratio Lower Upper

91 100

120 24.6 10.9 32.9

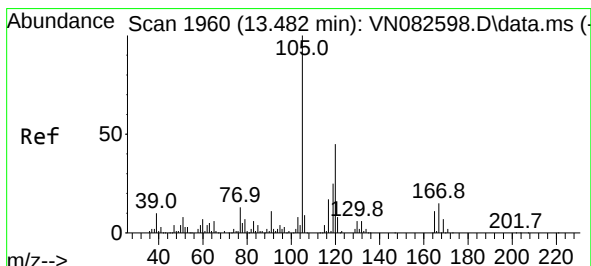
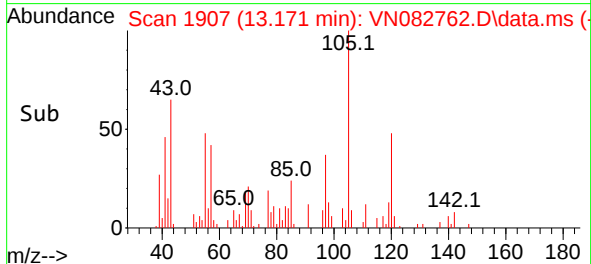
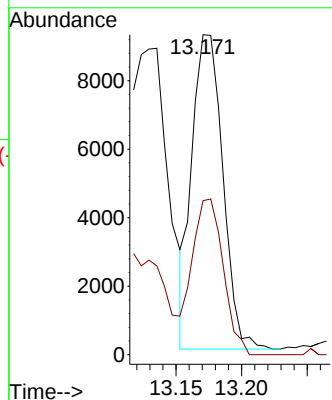
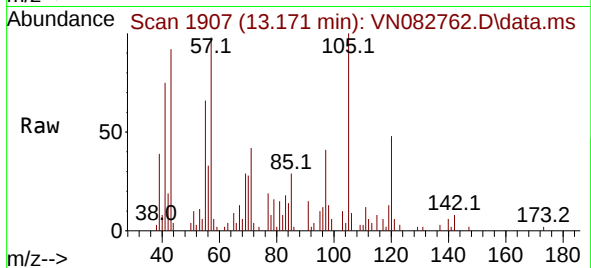




#80
1,3,5-Trimethylbenzene
Concen: 3.689 ug/l
RT: 13.171 min Scan# 1907
Delta R.T. -0.005 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

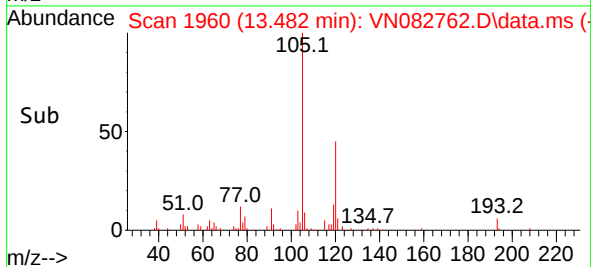
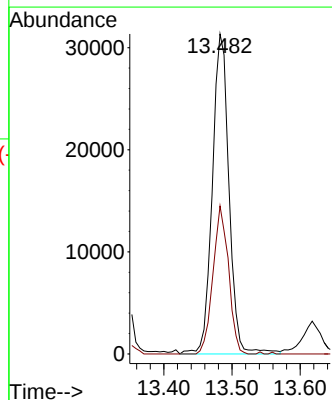
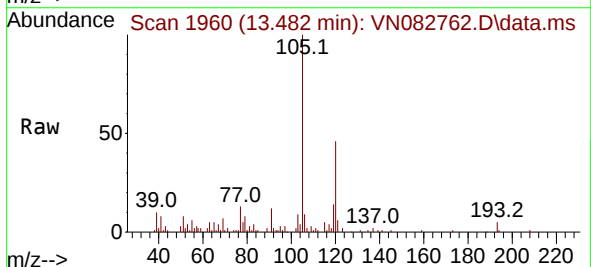
Instrument :
MSVOA_N
ClientSampleId :
170

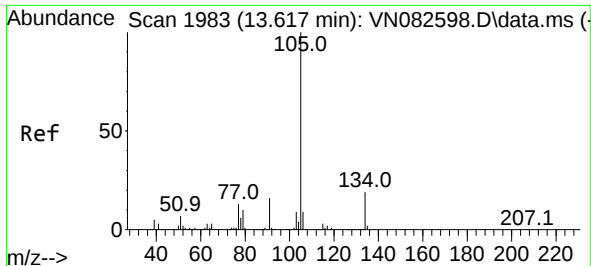
Tgt Ion:105 Resp: 15005
Ion Ratio Lower Upper
105 100
120 49.6 24.3 72.8



#84
1,2,4-Trimethylbenzene
Concen: 13.314 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.000 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion:105 Resp: 53525
Ion Ratio Lower Upper
105 100
120 42.9 21.9 65.8

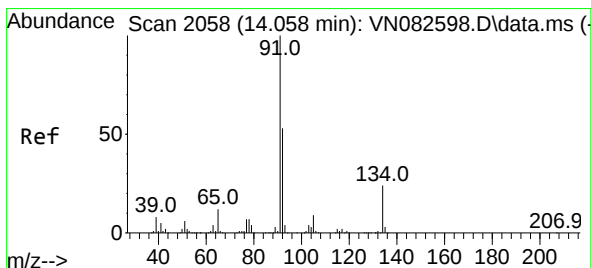
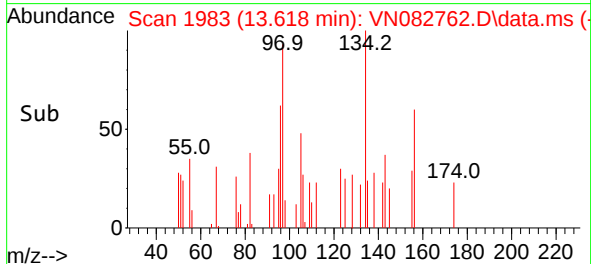
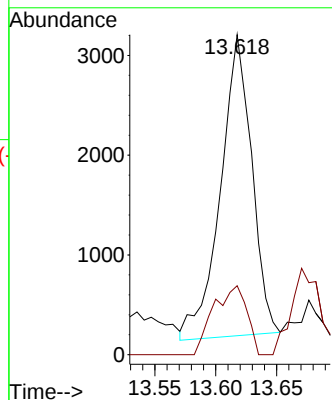
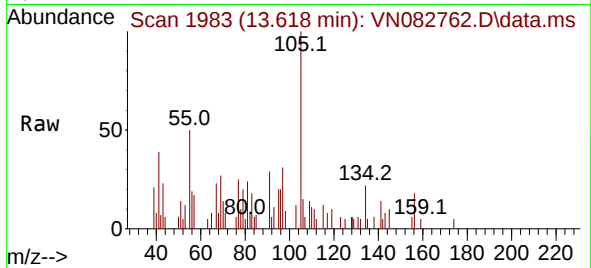




#85
sec-Butylbenzene
Concen: 1.125 ug/l
RT: 13.618 min Scan# 1983
Delta R.T. 0.001 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Instrument :
MSVOA_N
ClientSampleId :
170

Tgt Ion:105 Resp: 5395
Ion Ratio Lower Upper
105 100
134 24.4 9.8 29.3



#89
n-Butylbenzene
Concen: 1.998 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.001 min
Lab File: VN082762.D
Acq: 01 Jul 2024 13:51

Tgt Ion: 91 Resp: 6799
Ion Ratio Lower Upper
91 100
92 53.9 26.1 78.3
134 0.0 12.1 36.3#

