

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086495.D
 Acq On : 05 May 2025 18:49
 Operator : JC\MD
 Sample : Q1914-08DL 20X
 Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-7DL

Quant Time: May 06 01:47:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

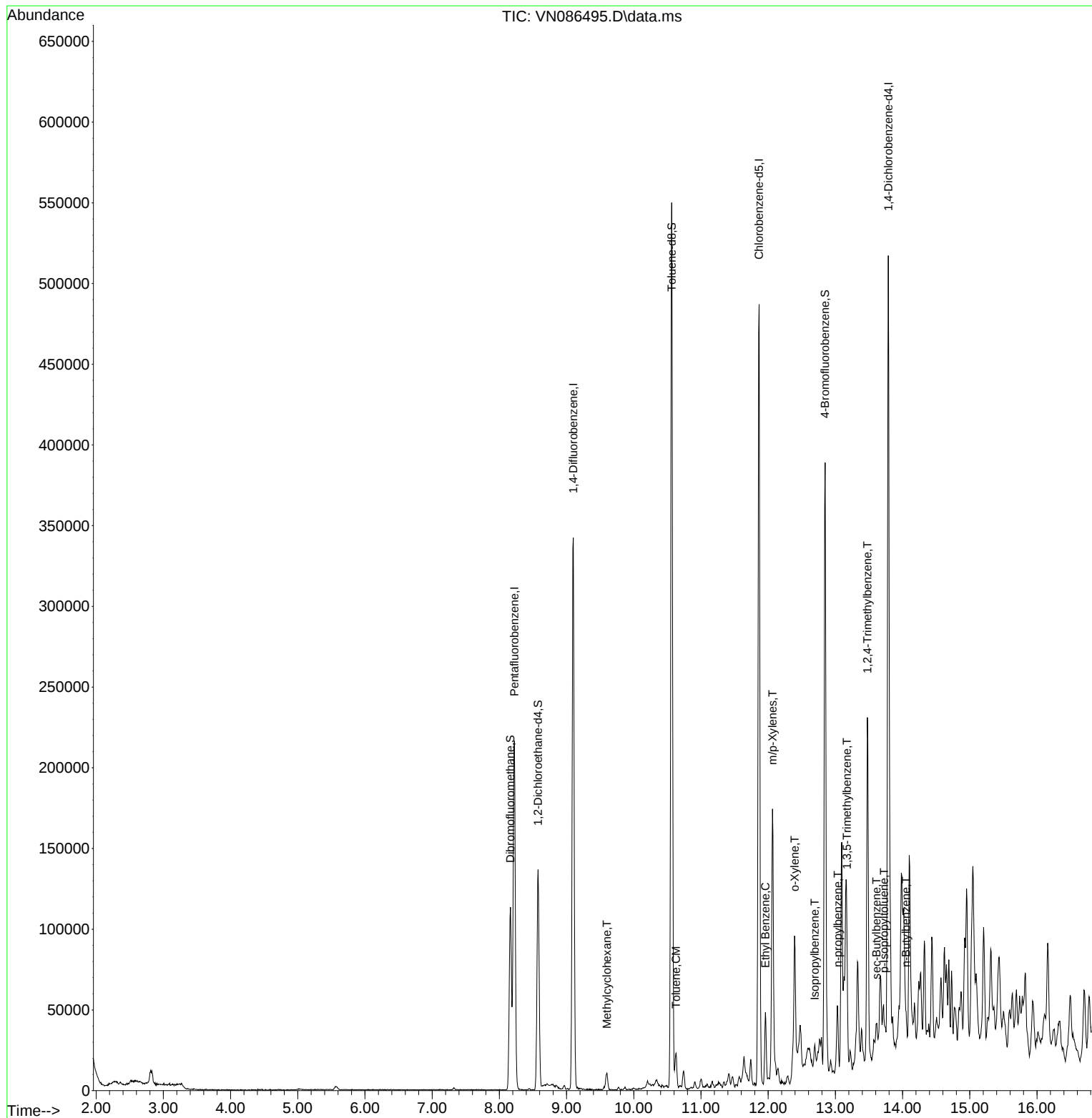
Internal Standards						
1) Pentafluorobenzene	8.224	168	162880	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	306914	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	283717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	128135	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112606	47.676	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.360%		
35) Dibromofluoromethane	8.165	113	83006	58.273	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	116.540%		
50) Toluene-d8	10.565	98	382043	50.184	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	100.360%		
62) 4-Bromofluorobenzene	12.847	95	138519	49.886	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	99.780%		
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	4562	1.349	ug/l	99
52) Toluene	10.629	92	9532	1.676	ug/l	93
67) Ethyl Benzene	11.959	91	32834	2.874	ug/l	96
68) m/p-Xylenes	12.065	106	43743	10.218	ug/l	95
69) o-Xylene	12.394	106	23003	5.433	ug/l	99
73) Isopropylbenzene	12.694	105	8606	0.821	ug/l	97
78) n-propylbenzene	13.035	91	29212	2.365	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	33369	3.890	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	124985	14.312	ug/l	98
85) sec-Butylbenzene	13.612	105	10040	0.974	ug/l	85
86) p-Isopropyltoluene	13.723	119	6157	0.724	ug/l	96
89) n-Butylbenzene	14.053	91	10058	1.335	ug/l #	75

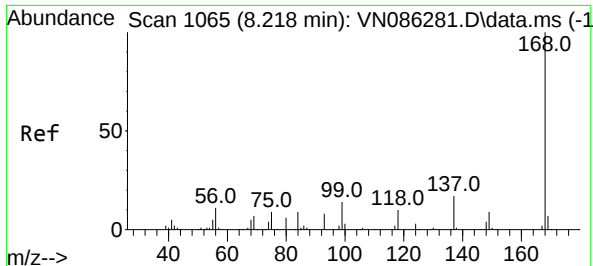
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
Data File : VN086495.D
Acq On : 05 May 2025 18:49
Operator : JC\MD
Sample : Q1914-08DL 20X
Misc : 7.54g/5mL/100uL/5.00mL/MSVOA_N/MEOH
ALS Vial : 19 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

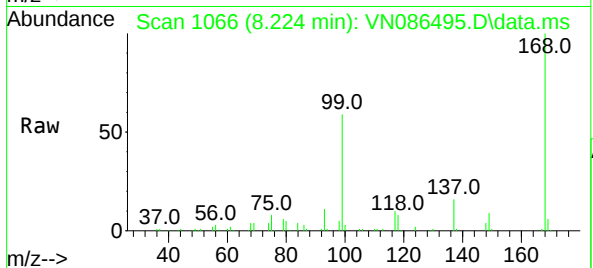
Quant Time: May 06 01:47:29 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
Response via : Initial Calibration



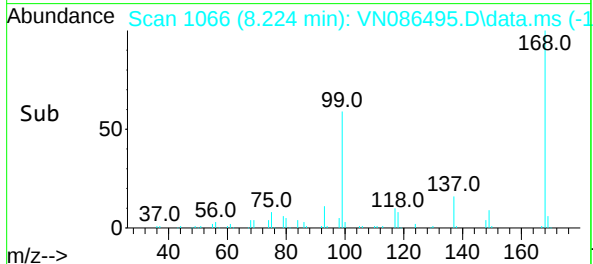
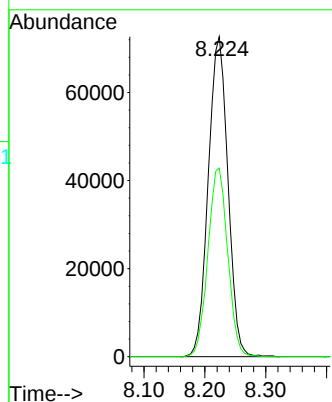


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

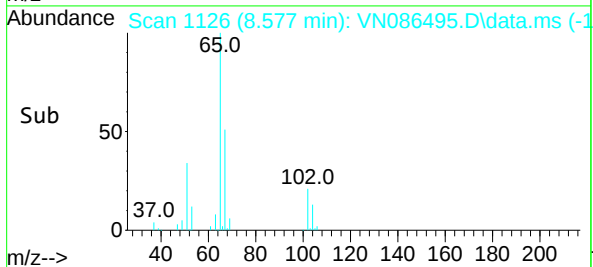
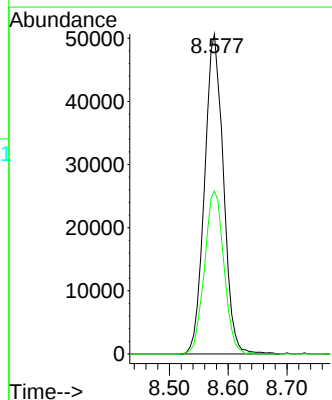
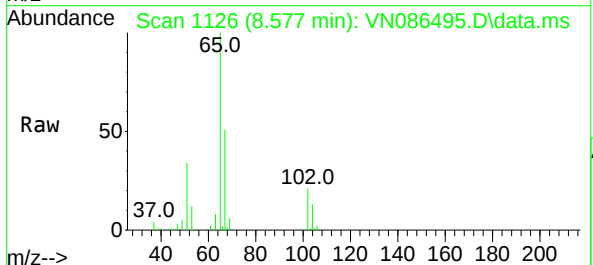


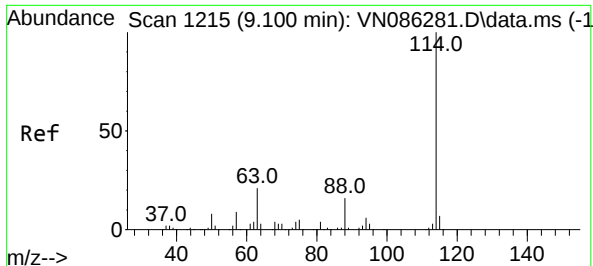
Tgt Ion:168 Resp: 162880
Ion Ratio Lower Upper
168 100
99 58.9 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 47.676 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 65 Resp: 112606
Ion Ratio Lower Upper
65 100
67 52.5 0.0 106.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SS-7DL

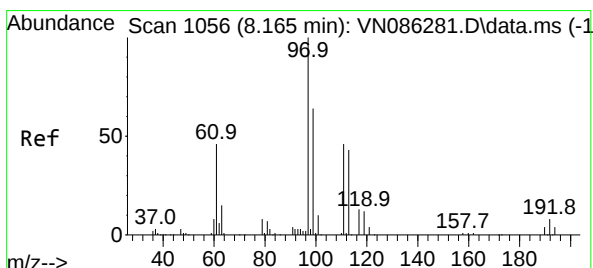
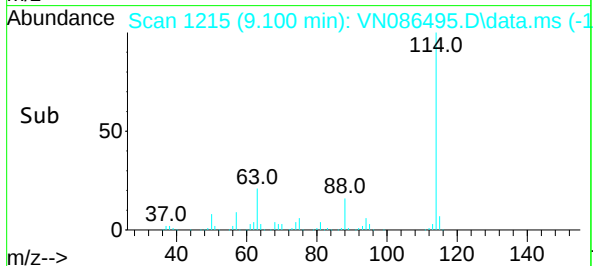
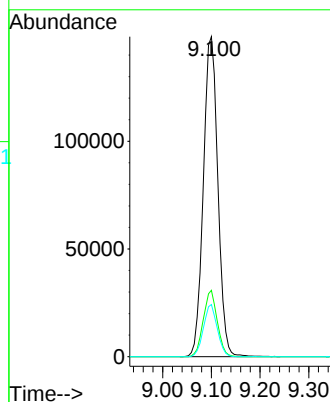
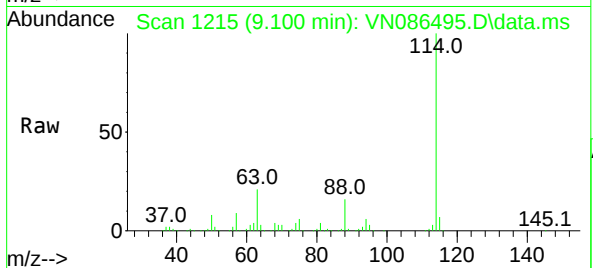
Tgt Ion:114 Resp: 306914

Ion Ratio Lower Upper

114 100

63 20.8 0.0 42.6

88 16.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 58.273 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

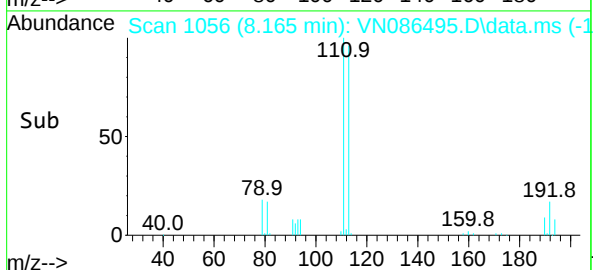
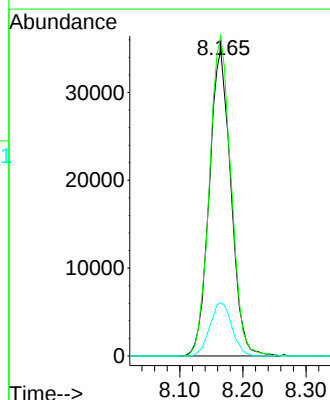
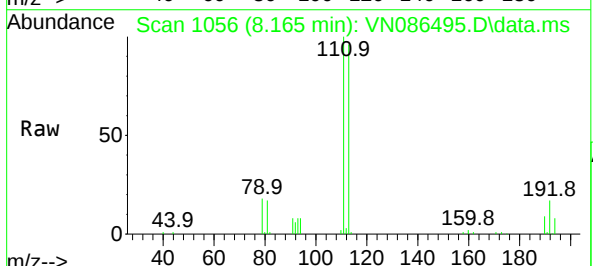
Tgt Ion:113 Resp: 83006

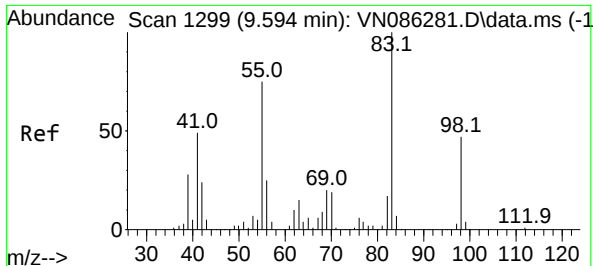
Ion Ratio Lower Upper

113 100

111 104.4 83.4 125.0

192 17.6 13.7 20.5





#39

Methylcyclohexane

Concen: 1.349 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SS-7DL

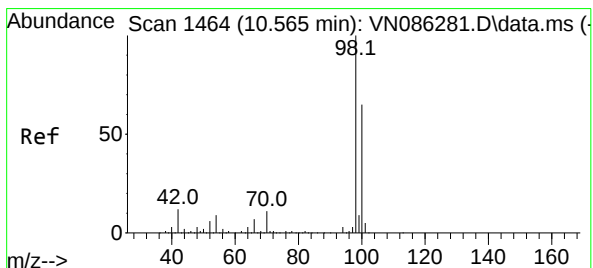
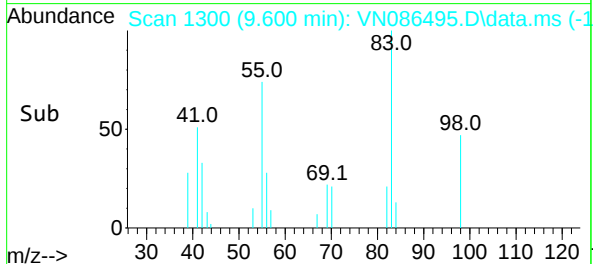
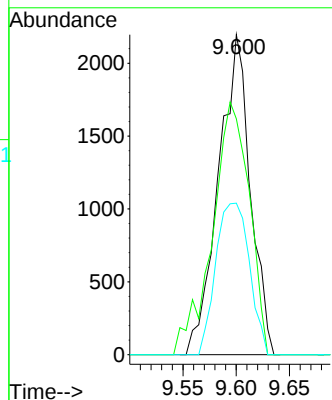
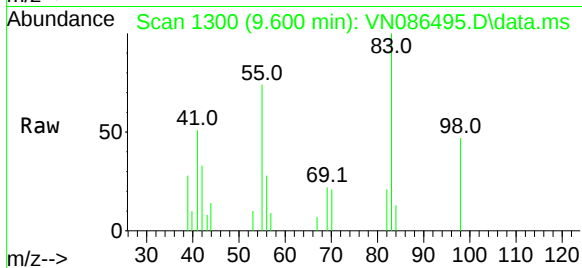
Tgt Ion: 83 Resp: 4562

Ion Ratio Lower Upper

83 100

55 73.7 59.8 89.8

98 47.4 37.9 56.9



#50

Toluene-d8

Concen: 50.184 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086495.D

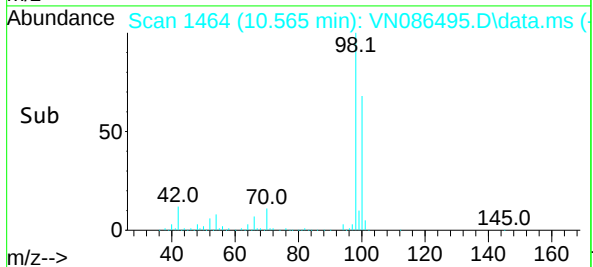
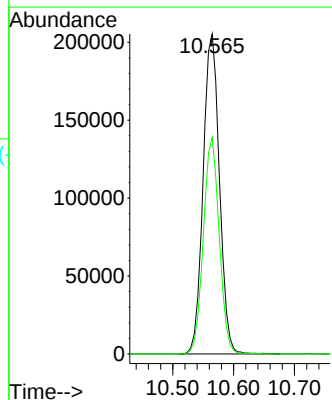
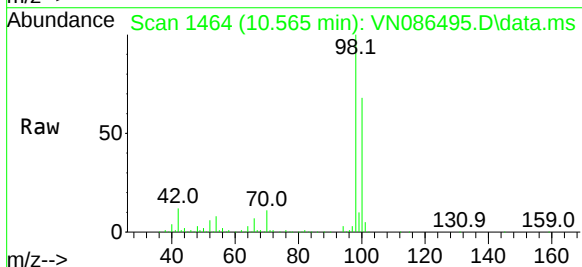
Acq: 05 May 2025 18:49

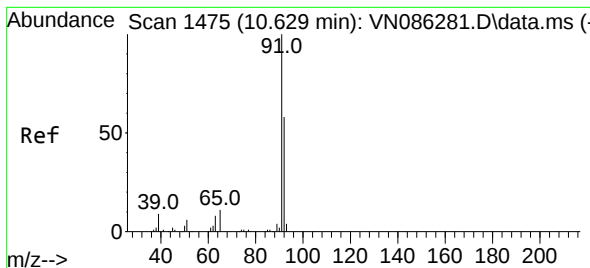
Tgt Ion: 98 Resp: 382043

Ion Ratio Lower Upper

98 100

100 65.9 52.5 78.7





#52

Toluene

Concen: 1.676 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

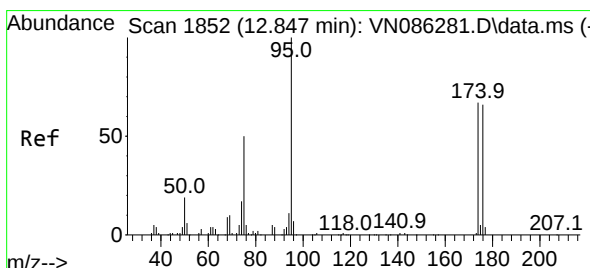
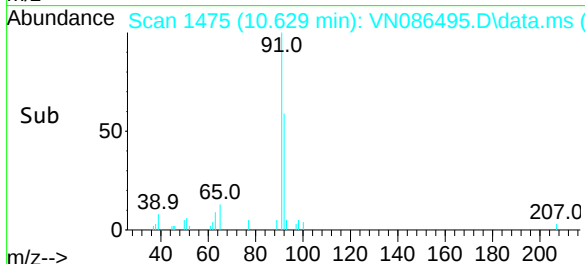
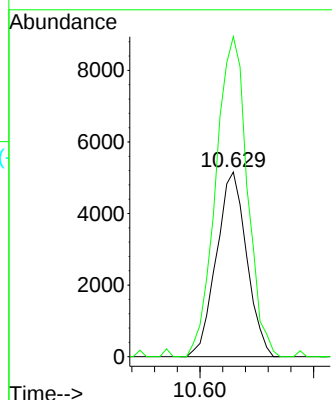
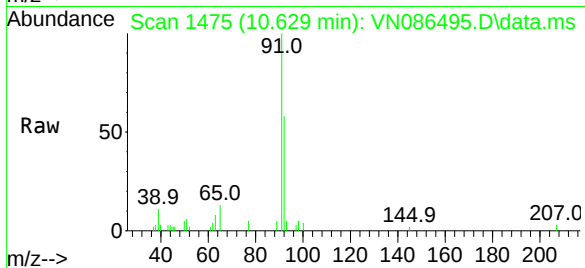
SS-7DL

Tgt Ion: 92 Resp: 9532

Ion Ratio Lower Upper

92 100

91 181.1 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 49.886 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

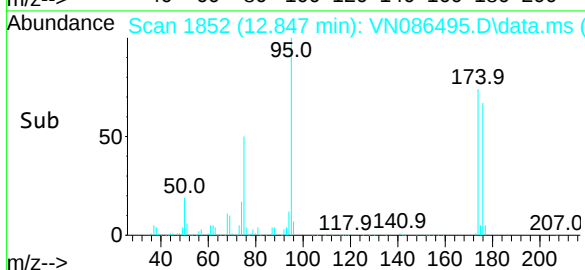
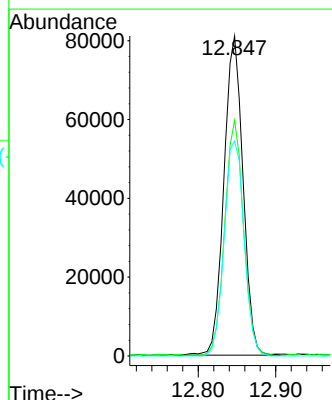
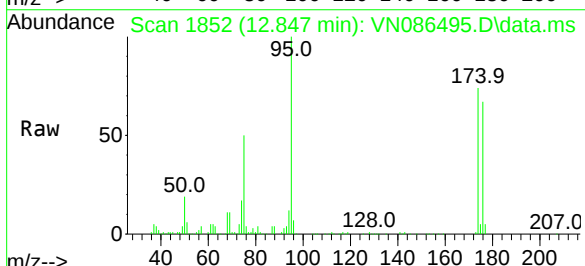
Tgt Ion: 95 Resp: 138519

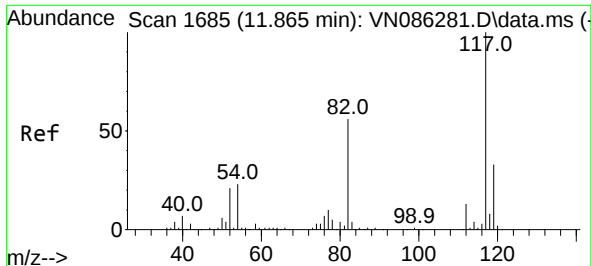
Ion Ratio Lower Upper

95 100

174 72.6 0.0 133.4

176 70.2 0.0 129.2

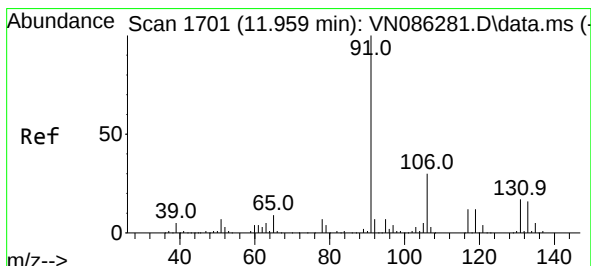
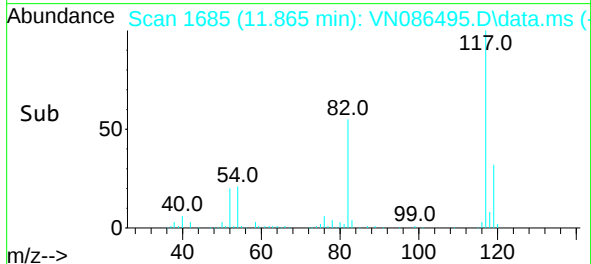
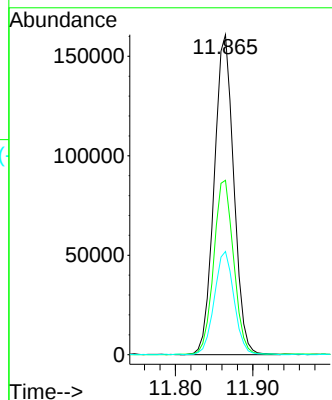
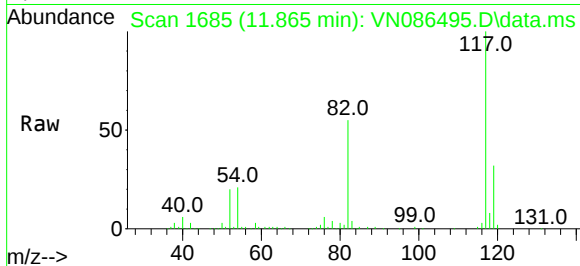




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

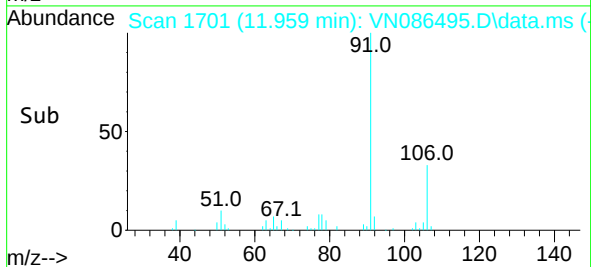
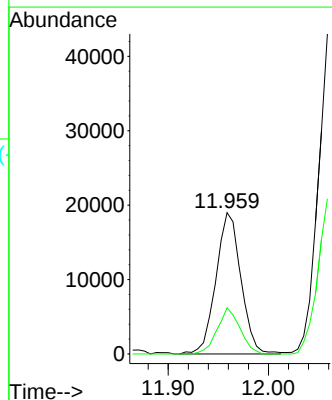
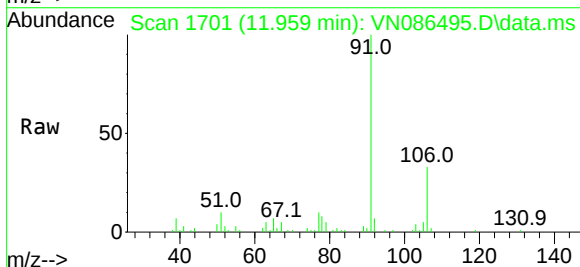
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

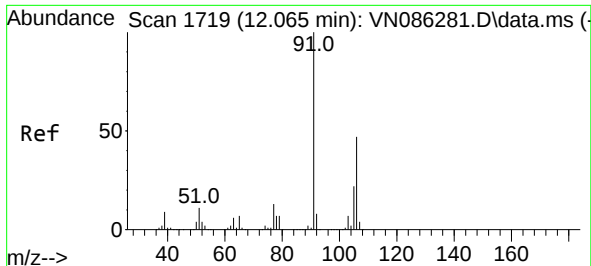
Tgt Ion:117 Resp: 283717
Ion Ratio Lower Upper
117 100
82 54.4 44.7 67.1
119 32.2 26.4 39.6



#67
Ethyl Benzene
Concen: 2.874 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion: 91 Resp: 32834
Ion Ratio Lower Upper
91 100
106 32.7 24.3 36.5

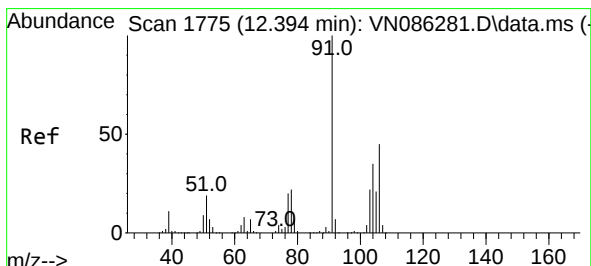
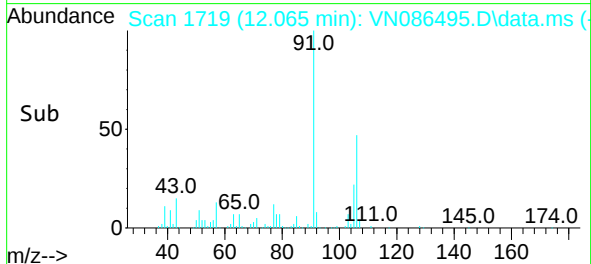
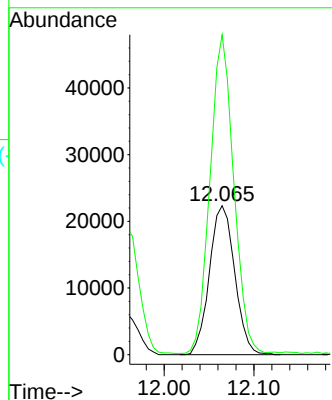
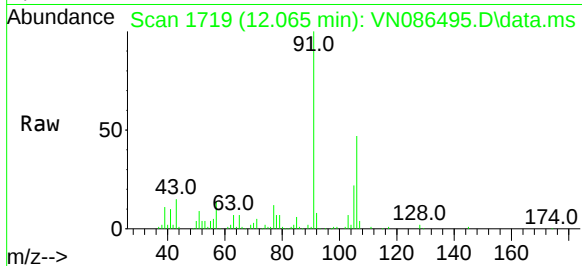




#68
m/p-Xylenes
Concen: 10.218 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

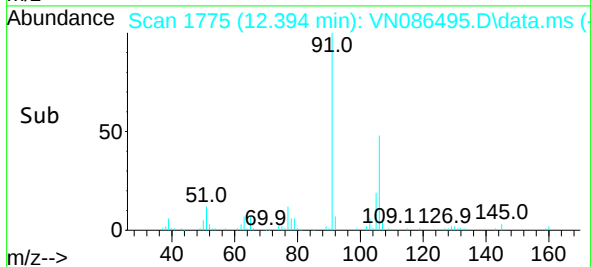
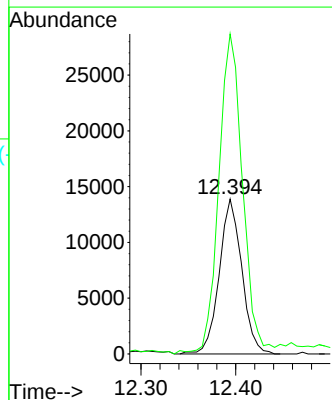
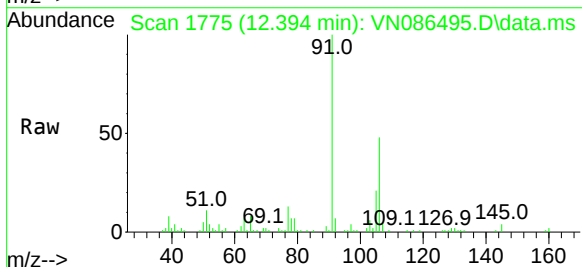
Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

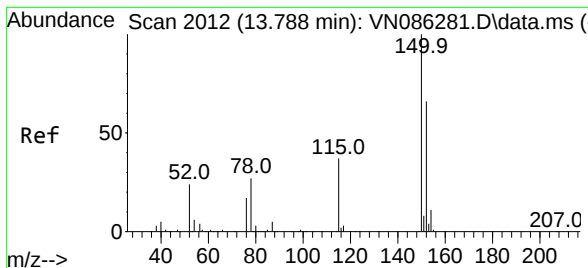
Tgt Ion:106 Resp: 43743
Ion Ratio Lower Upper
106 100
91 200.4 166.5 249.7



#69
o-Xylene
Concen: 5.433 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:106 Resp: 23003
Ion Ratio Lower Upper
106 100
91 217.8 109.7 329.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

SS-7DL

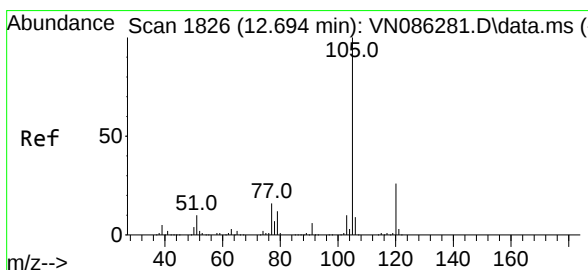
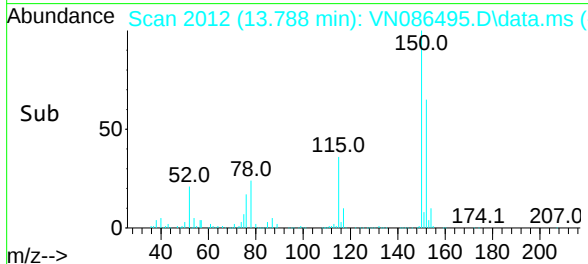
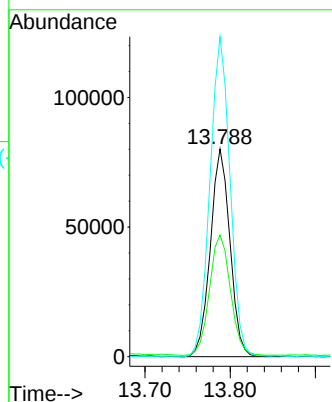
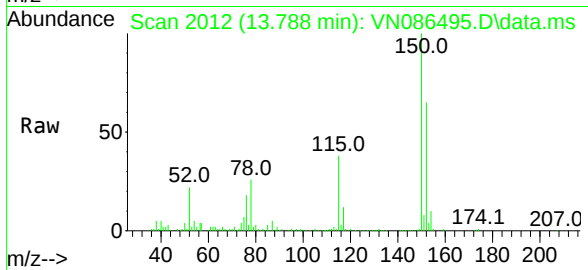
Tgt Ion:152 Resp: 128135

Ion Ratio Lower Upper

152 100

115 61.5 31.9 95.9

150 157.2 0.0 352.0



#73

Isopropylbenzene

Concen: 0.821 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086495.D

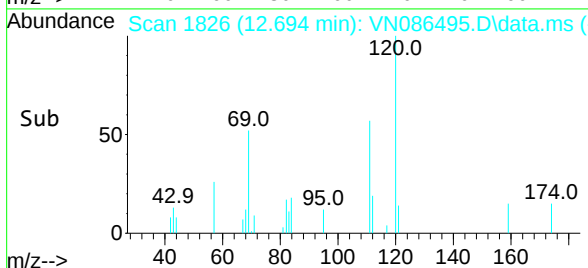
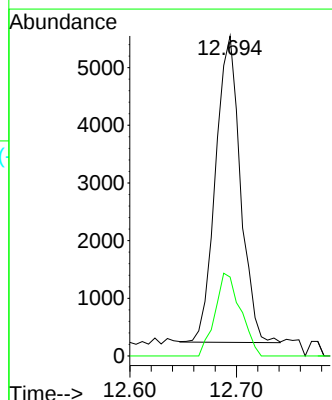
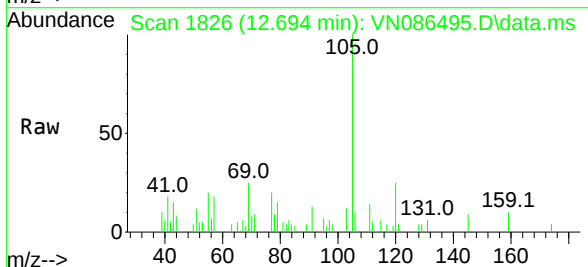
Acq: 05 May 2025 18:49

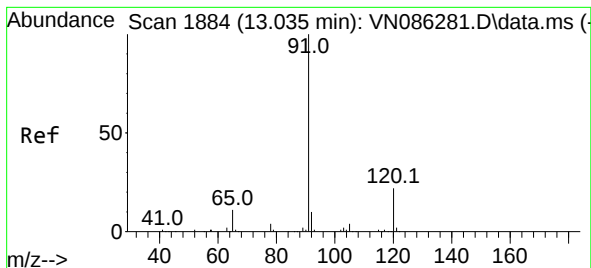
Tgt Ion:105 Resp: 8606

Ion Ratio Lower Upper

105 100

120 27.6 13.1 39.3





#78

n-propylbenzene

Concen: 2.365 ug/l

RT: 13.035 min Scan# 1884

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

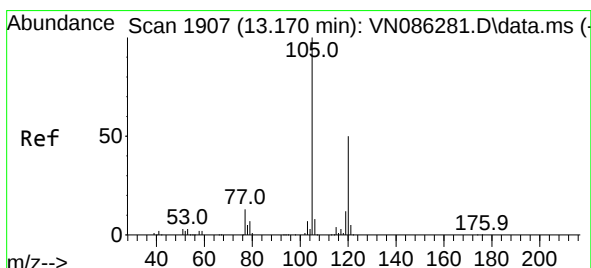
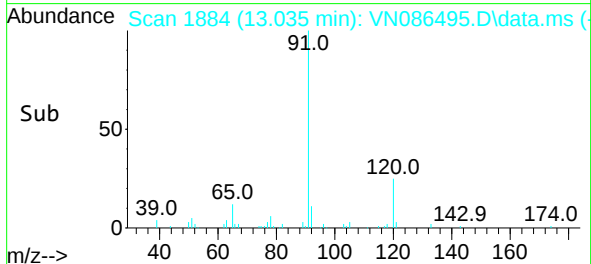
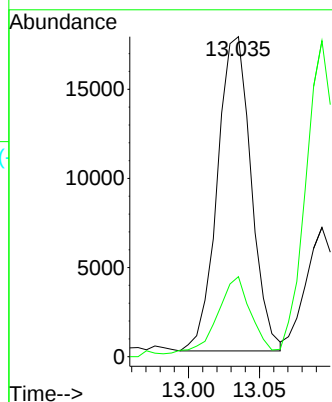
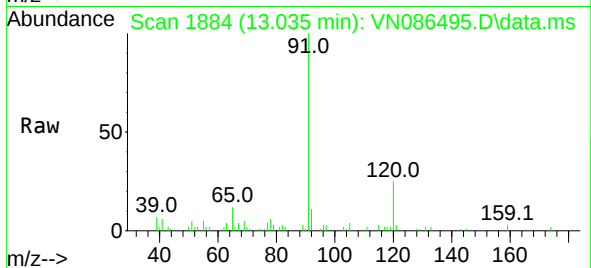
SS-7DL

Tgt Ion: 91 Resp: 29212

Ion Ratio Lower Upper

91 100

120 24.0 11.1 33.3



#80

1,3,5-Trimethylbenzene

Concen: 3.890 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086495.D

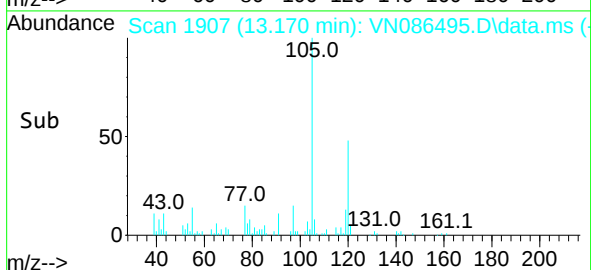
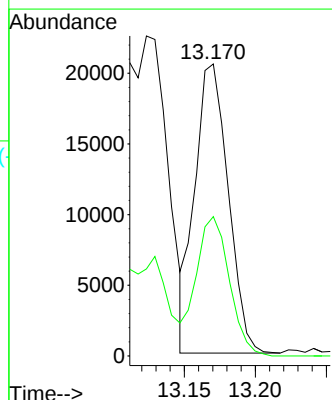
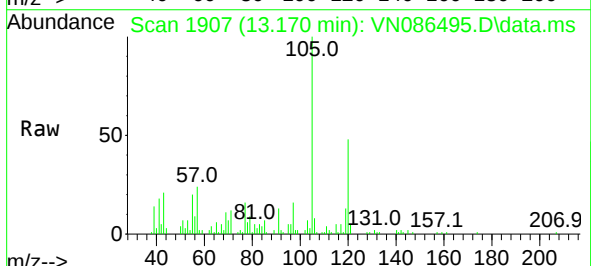
Acq: 05 May 2025 18:49

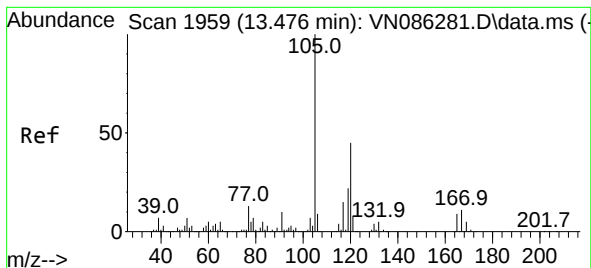
Tgt Ion:105 Resp: 33369

Ion Ratio Lower Upper

105 100

120 48.1 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 14.312 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086495.D

Acq: 05 May 2025 18:49

Instrument :

MSVOA_N

ClientSampleId :

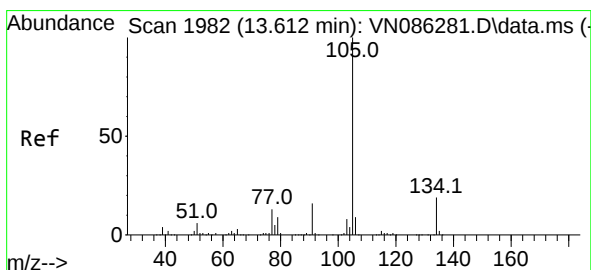
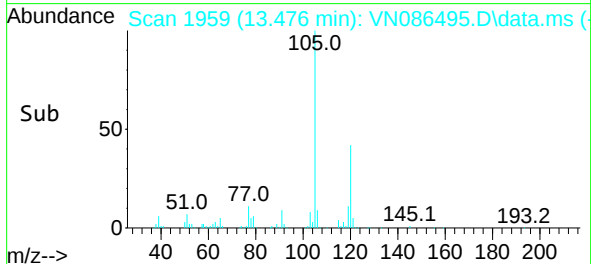
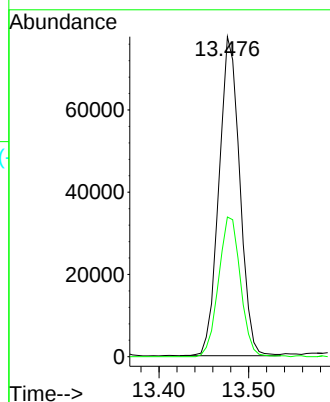
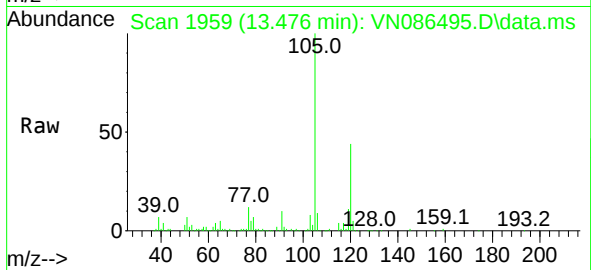
SS-7DL

Tgt Ion:105 Resp: 124985

Ion Ratio Lower Upper

105 100

120 46.1 22.4 67.3



#85

sec-Butylbenzene

Concen: 0.974 ug/l

RT: 13.612 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086495.D

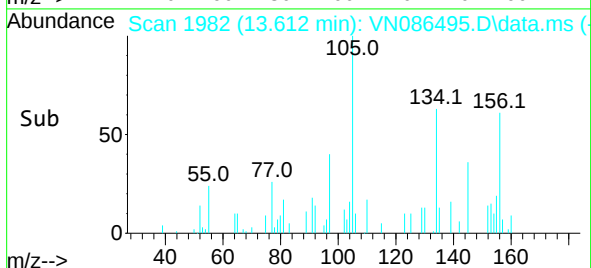
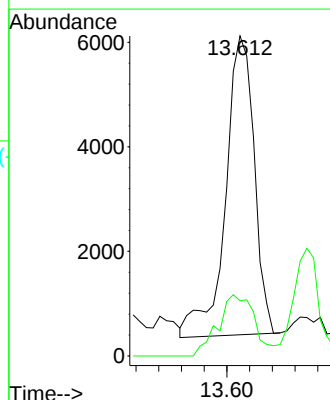
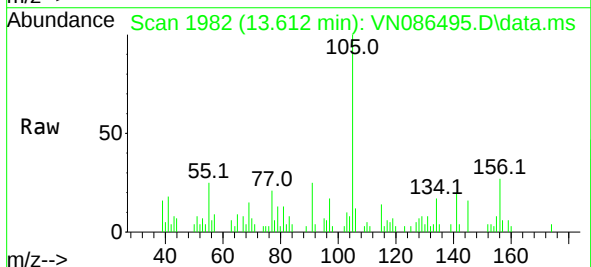
Acq: 05 May 2025 18:49

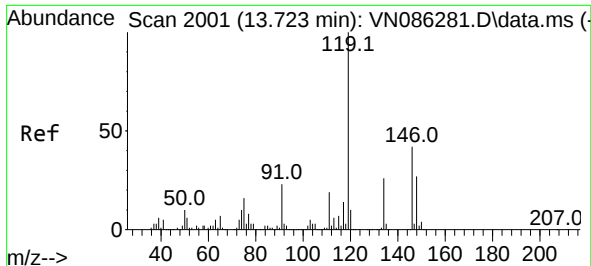
Tgt Ion:105 Resp: 10040

Ion Ratio Lower Upper

105 100

134 26.1 9.7 29.1

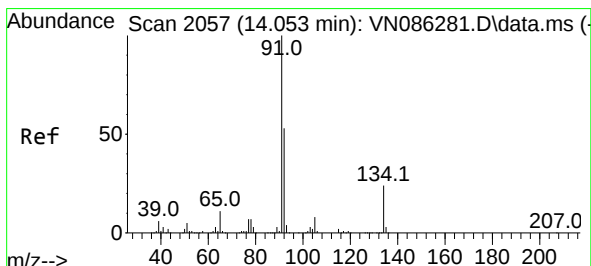
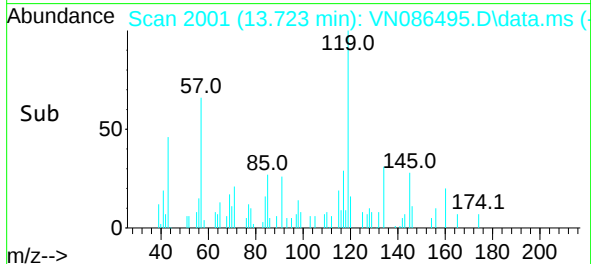
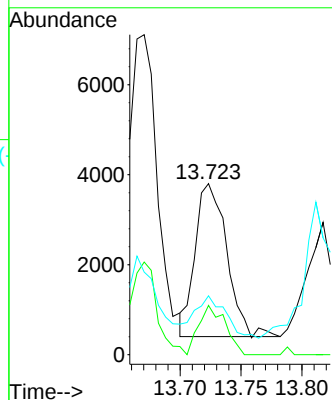
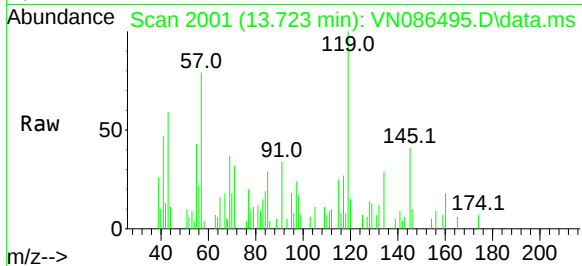




#86
p-Isopropyltoluene
Concen: 0.724 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Instrument :
MSVOA_N
ClientSampleId :
SS-7DL

Tgt Ion:	119	Resp:	6157
Ion	Ratio	Lower	Upper
119	100		
134	27.1	13.1	39.1
91	27.2	11.9	35.9



#89
n-Butylbenzene
Concen: 1.335 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086495.D
Acq: 05 May 2025 18:49

Tgt Ion:	91	Resp:	10058
Ion	Ratio	Lower	Upper
91	100		
92	63.7	26.8	80.4
134	0.0	12.2	36.6

