

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086494.D
 Acq On : 05 May 2025 18:25
 Operator : JC\MD
 Sample : Q1914-07MEDL 20X
 Misc : 7.59g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6MEDL

Quant Time: May 06 01:47:14 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)

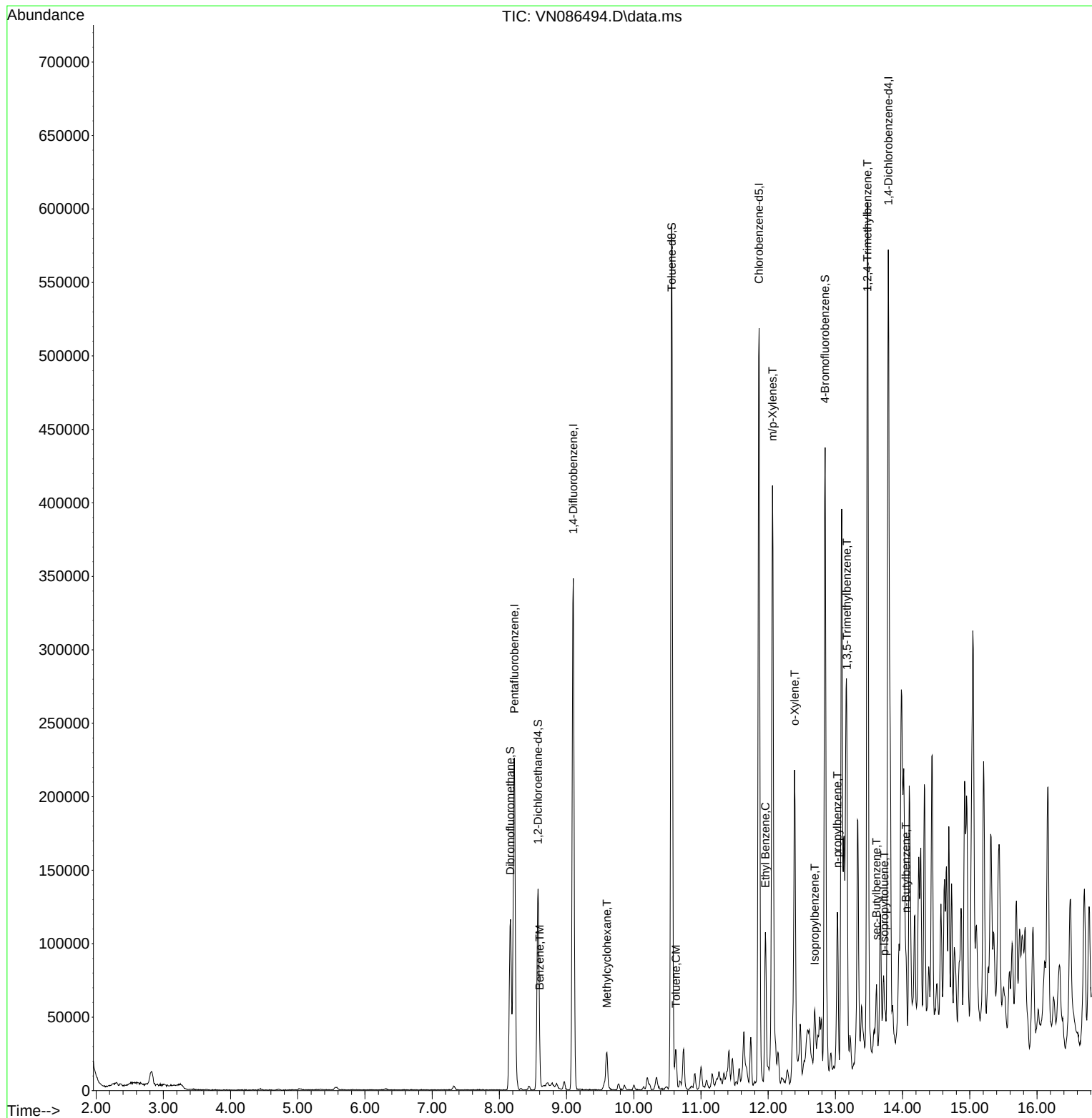
Internal Standards						
1) Pentafluorobenzene	8.224	168	166833	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	307337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	302781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	140970	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	112616	46.550	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 93.100%			
35) Dibromofluoromethane	8.165	113	85099	59.660	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 119.320%			
50) Toluene-d8	10.565	98	400459	52.531	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 105.060%			
62) 4-Bromofluorobenzene	12.847	95	150750	54.216	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 108.440%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	11288	3.333	ug/l	91
40) Benzene	8.600	78	2092	0.229	ug/l	91
52) Toluene	10.629	92	10664	1.872	ug/l	97
67) Ethyl Benzene	11.959	91	72720	5.964	ug/l	96
68) m/p-Xylenes	12.065	106	106045	23.211	ug/l	96
69) o-Xylene	12.394	106	55675	12.322	ug/l	96
73) Isopropylbenzene	12.694	105	24601	2.133	ug/l	100
78) n-propylbenzene	13.029	91	78099	5.747	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	91353	9.679	ug/l	99
84) 1,2,4-Trimethylbenzene	13.476	105	343237	35.727	ug/l	98
85) sec-Butylbenzene	13.612	105	28130	2.480	ug/l	85
86) p-Isopropyltoluene	13.729	119	15912	1.702	ug/l	97
89) n-Butylbenzene	14.053	91	30599	3.692	ug/l #	82

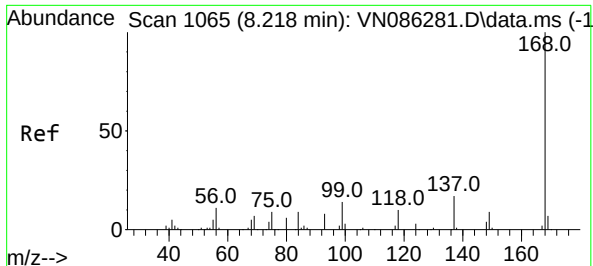
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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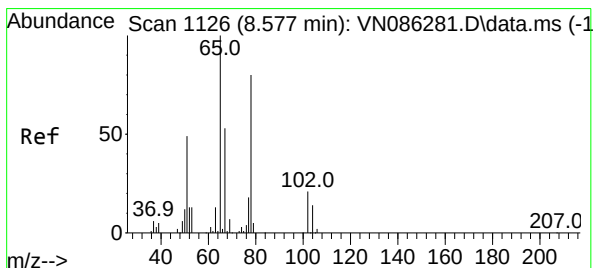
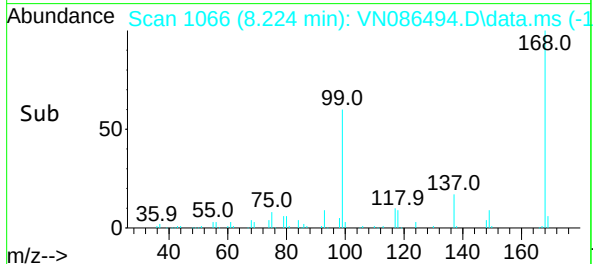
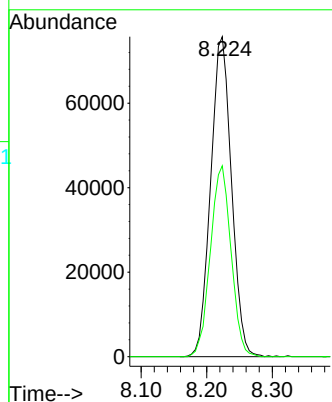
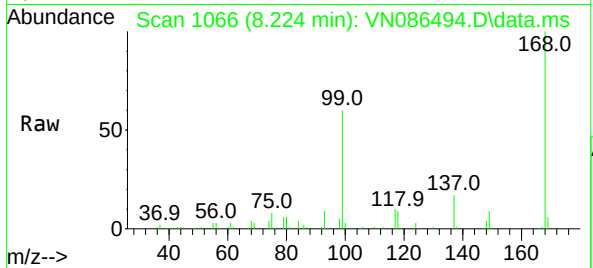




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

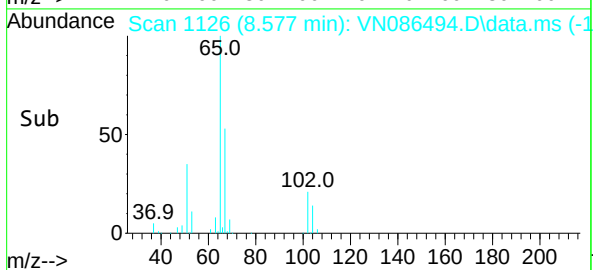
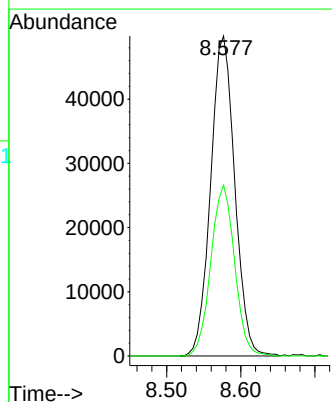
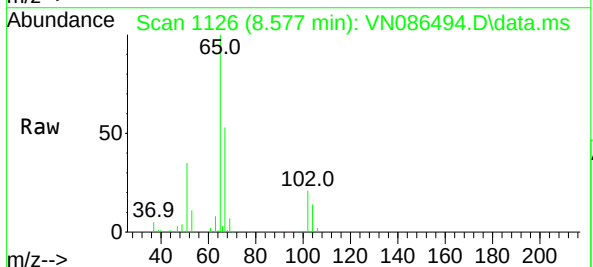
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

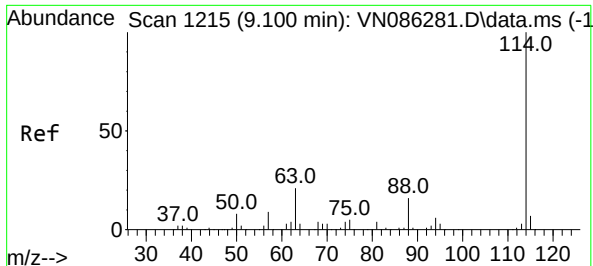
Tgt Ion:168 Resp: 166833
Ion Ratio Lower Upper
168 100
99 59.6 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 46.550 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 65 Resp: 112616
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: VN086494.D

Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

SS-6MEDL

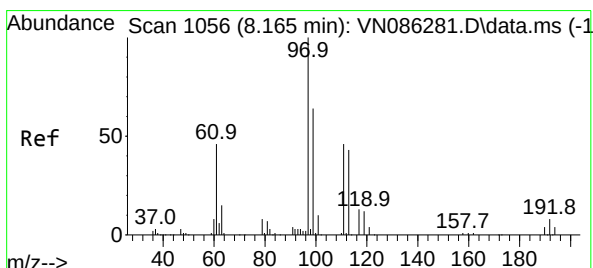
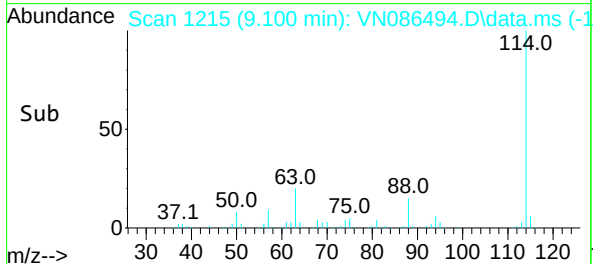
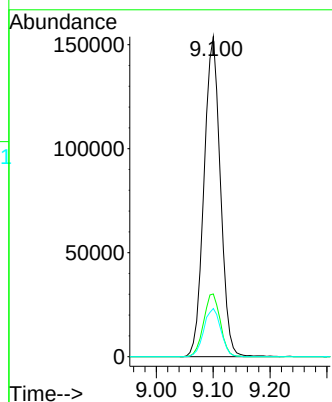
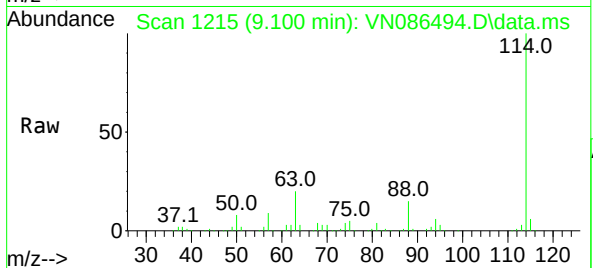
Tgt Ion:114 Resp: 307337

Ion Ratio Lower Upper

114 100

63 19.6 0.0 42.6

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 59.660 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.000 min

Lab File: VN086494.D

Acq: 05 May 2025 18:25

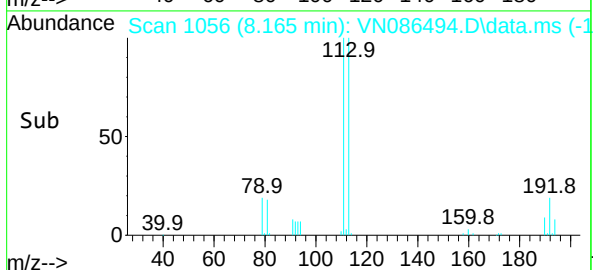
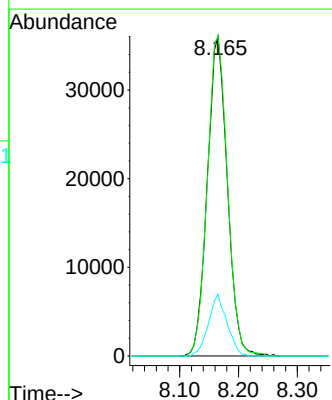
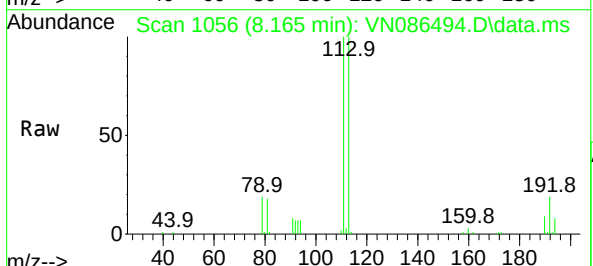
Tgt Ion:113 Resp: 85099

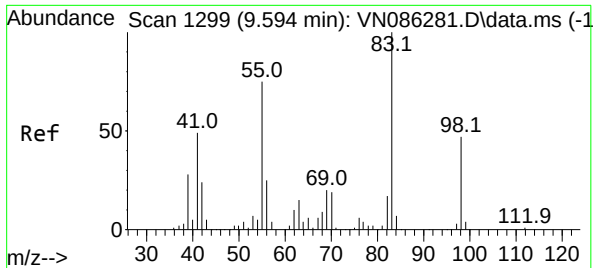
Ion Ratio Lower Upper

113 100

111 101.1 83.4 125.0

192 17.8 13.7 20.5





#39

Methylcyclohexane

Concen: 3.333 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086494.D

Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

SS-6MEDL

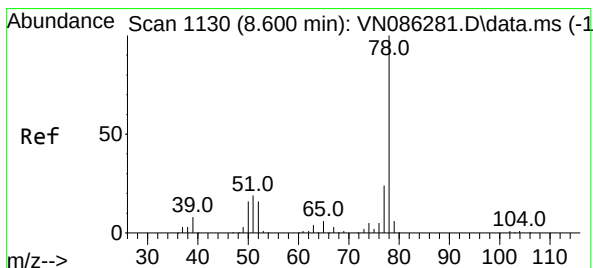
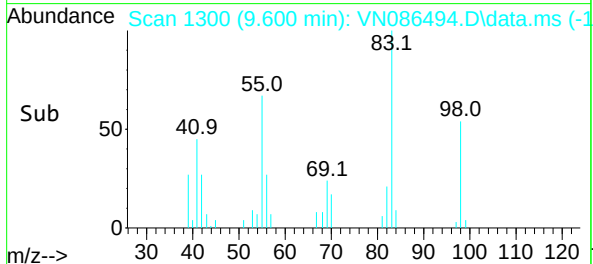
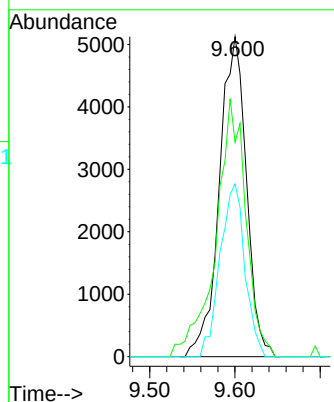
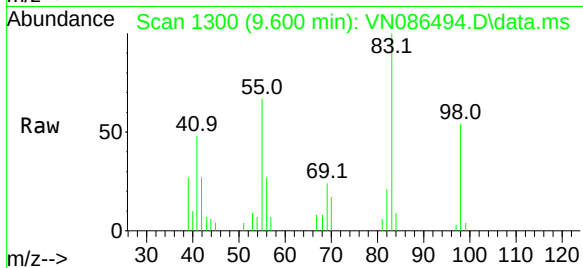
Tgt Ion: 83 Resp: 11288

Ion Ratio Lower Upper

83 100

55 67.0 59.8 89.8

98 54.0 37.9 56.9



#40

Benzene

Concen: 0.229 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. 0.000 min

Lab File: VN086494.D

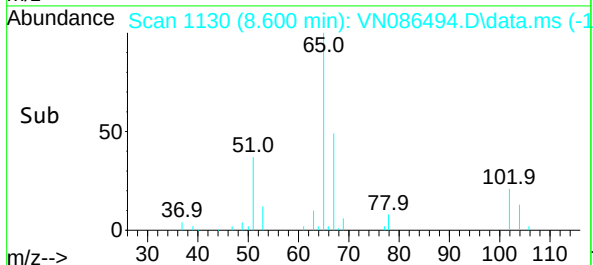
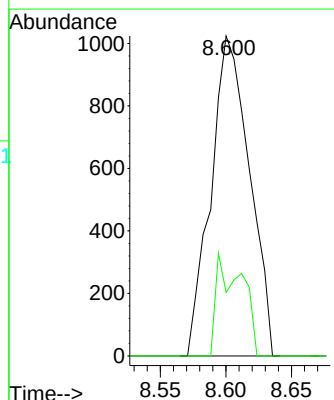
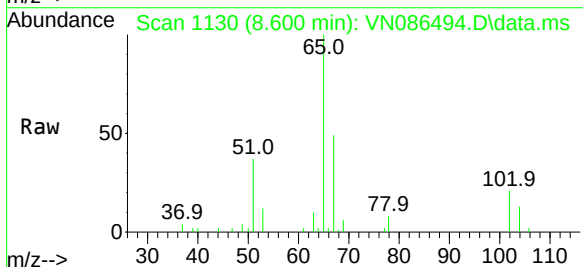
Acq: 05 May 2025 18:25

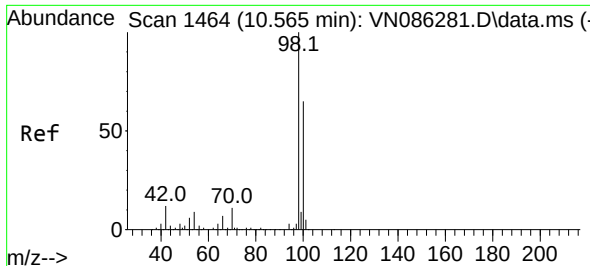
Tgt Ion: 78 Resp: 2092

Ion Ratio Lower Upper

78 100

77 19.8 19.4 29.2

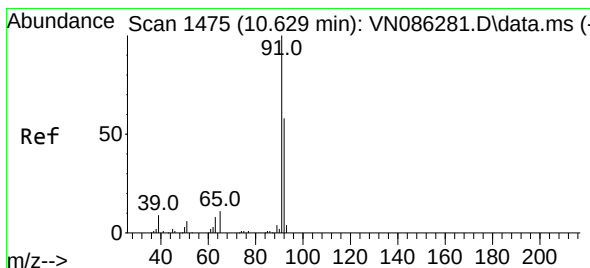
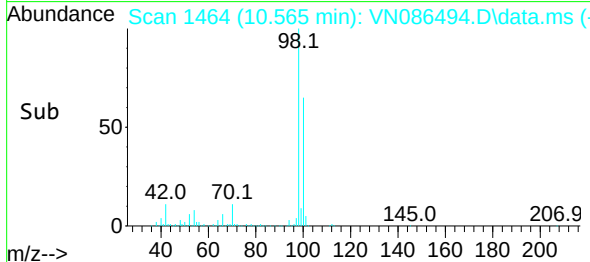
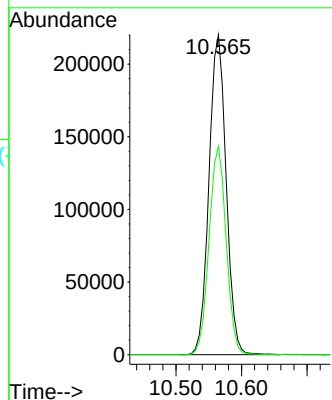
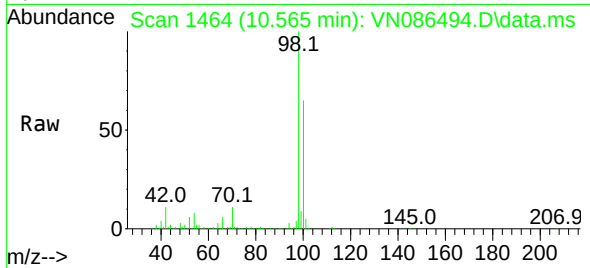




#50
Toluene-d8
Concen: 52.531 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

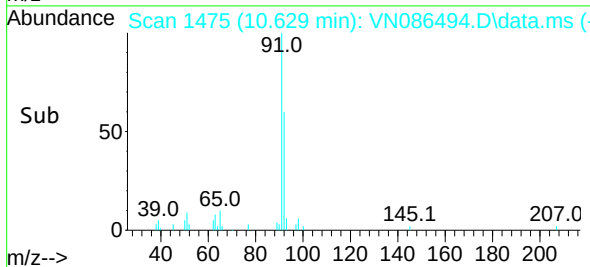
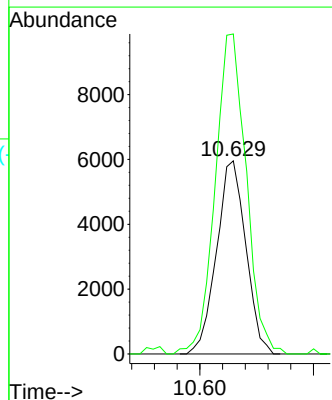
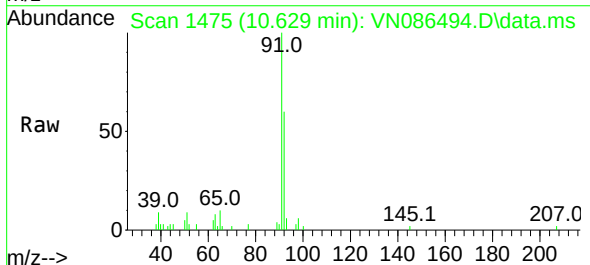
Instrument :
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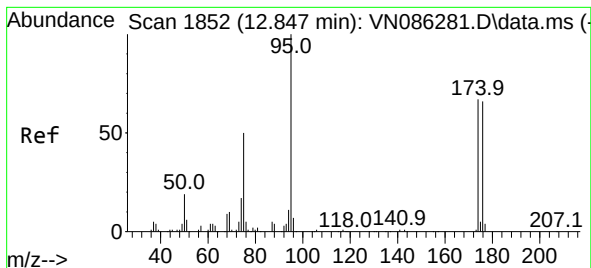
Tgt Ion: 98 Resp: 400459
Ion Ratio Lower Upper
98 100
100 65.1 52.5 78.7



#52
Toluene
Concen: 1.872 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 92 Resp: 10664
Ion Ratio Lower Upper
92 100
91 175.3 137.3 205.9

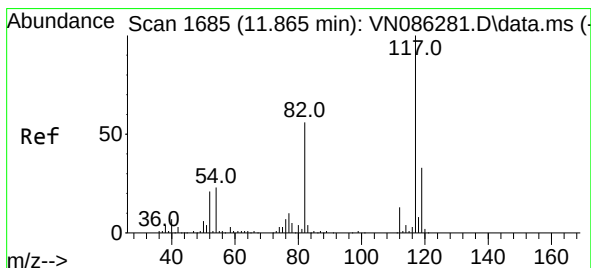
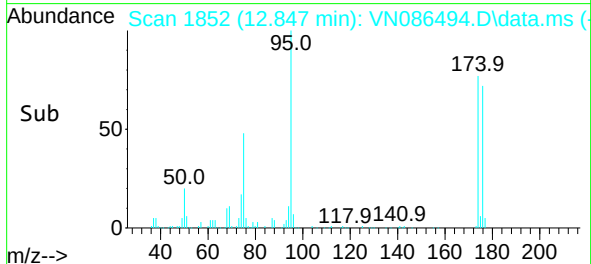
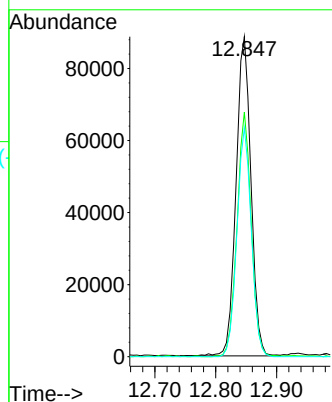
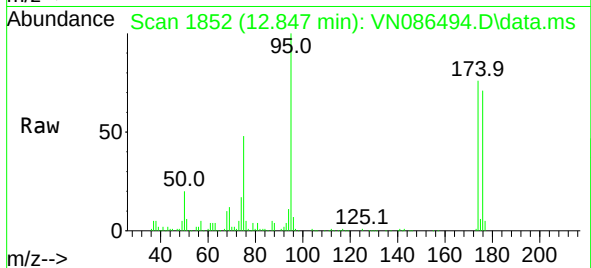




#62
4-Bromofluorobenzene
Concen: 54.216 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

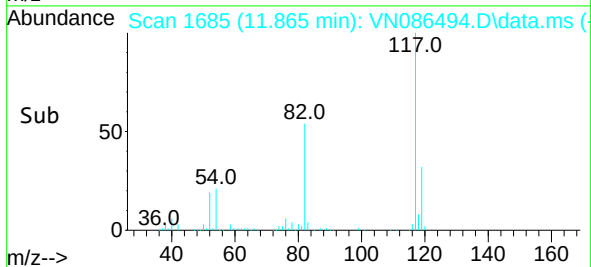
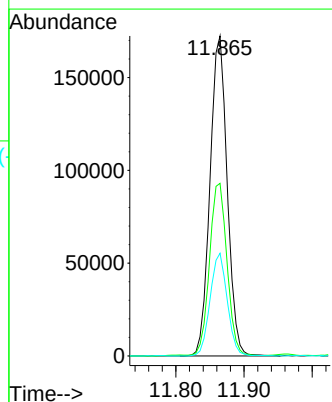
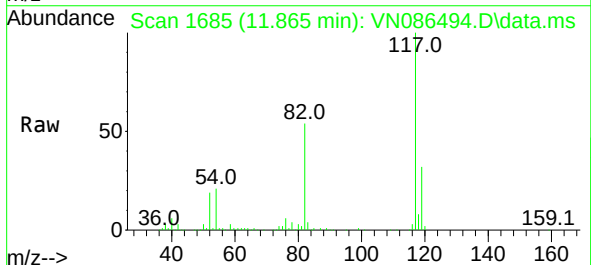
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

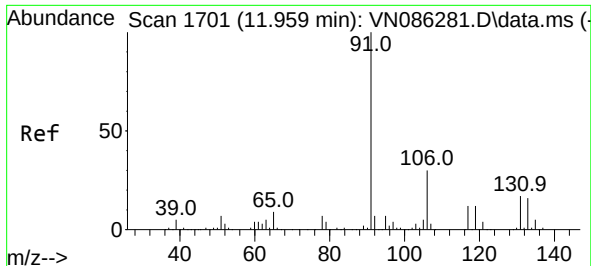
Tgt Ion: 95 Resp: 150750
Ion Ratio Lower Upper
95 100
174 73.5 0.0 133.4
176 69.2 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 117 Resp: 302781
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.1 26.4 39.6

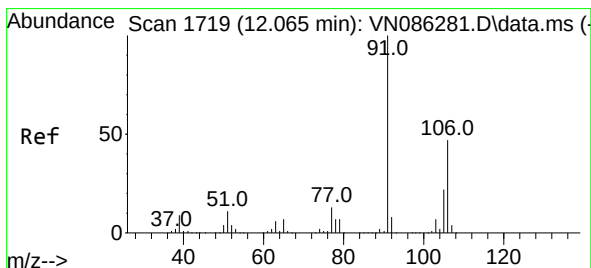
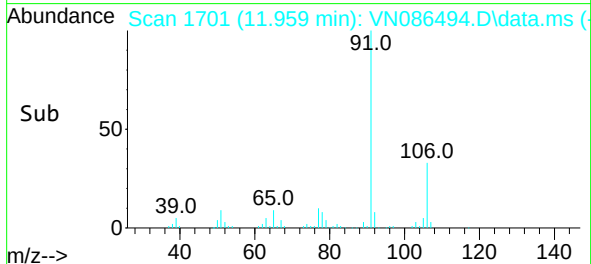
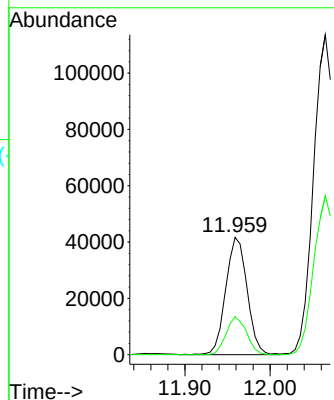
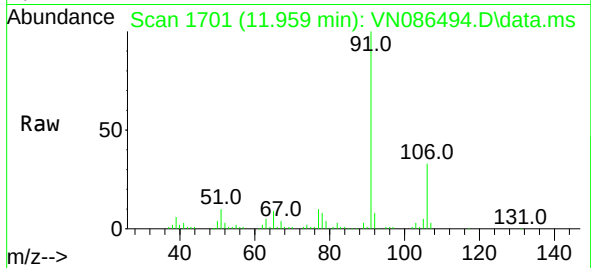




#67
Ethyl Benzene
Concen: 5.964 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

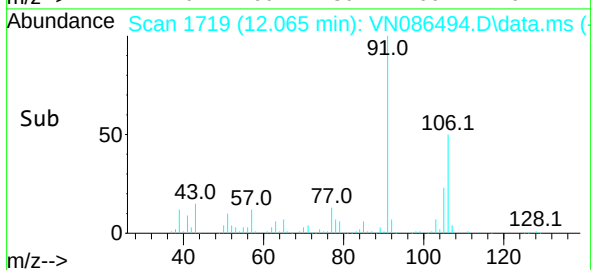
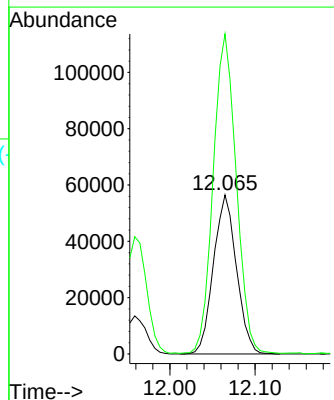
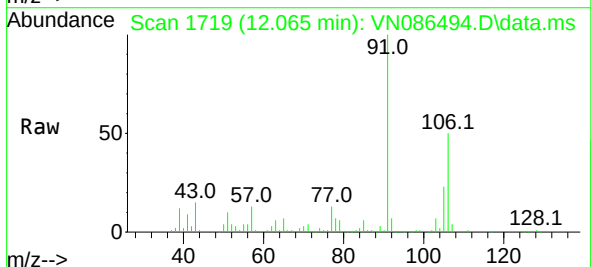
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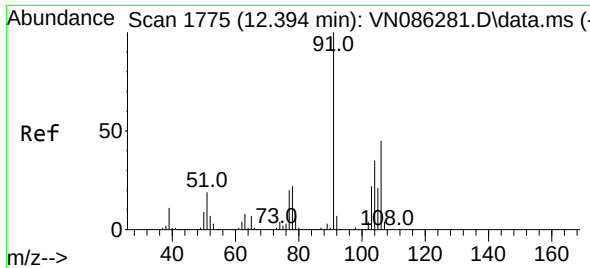
Tgt Ion: 91 Resp: 72720
Ion Ratio Lower Upper
91 100
106 32.5 24.3 36.5



#68
m/p-Xylenes
Concen: 23.211 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion: 106 Resp: 106045
Ion Ratio Lower Upper
106 100
91 201.3 166.5 249.7

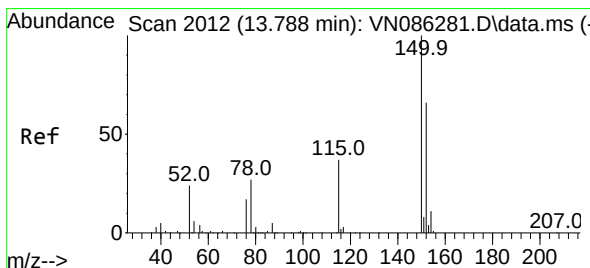
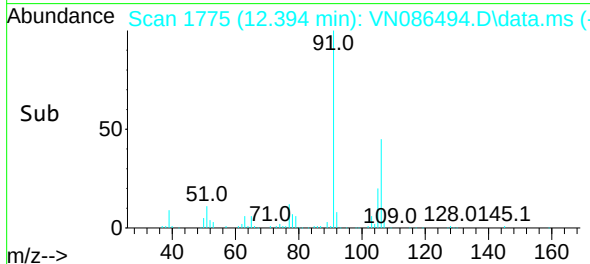
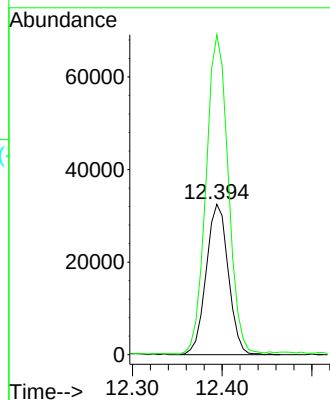
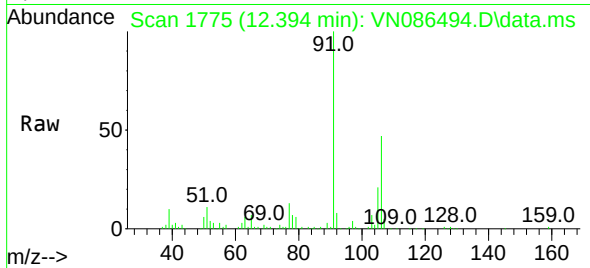




#69
o-Xylene
Concen: 12.322 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

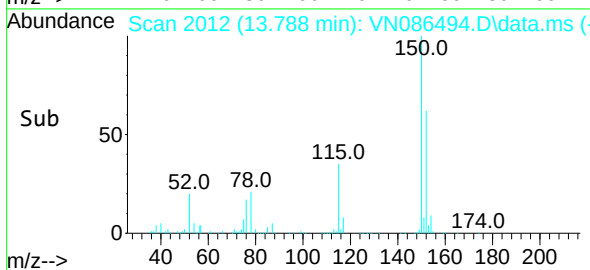
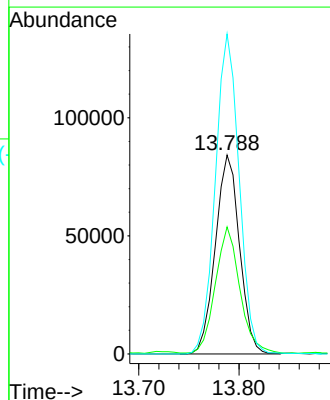
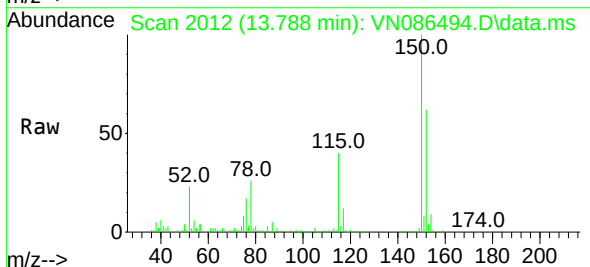
Instrument :
MSVOA_N
ClientSampleId :
SS-6MEDL

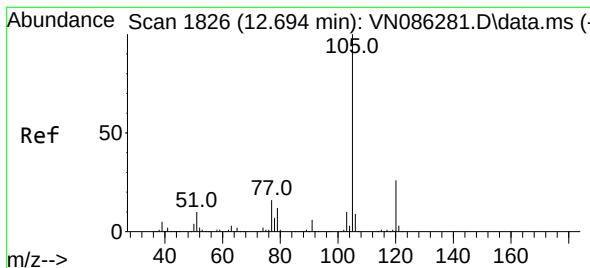
Tgt Ion:106 Resp: 55675
Ion Ratio Lower Upper
106 100
91 212.3 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN086494.D
Acq: 05 May 2025 18:25

Tgt Ion:152 Resp: 140970
Ion Ratio Lower Upper
152 100
115 64.3 31.9 95.9
150 158.6 0.0 352.0





#73

Isopropylbenzene

Concen: 2.133 ug/l

RT: 12.694 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN086494.D

Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

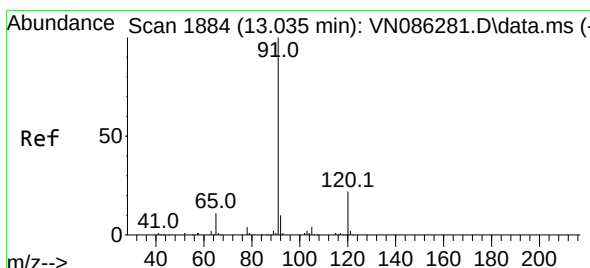
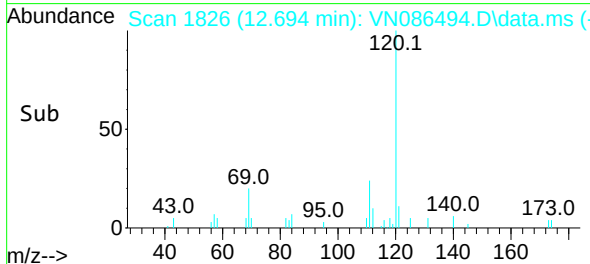
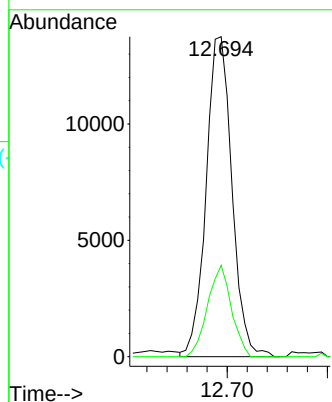
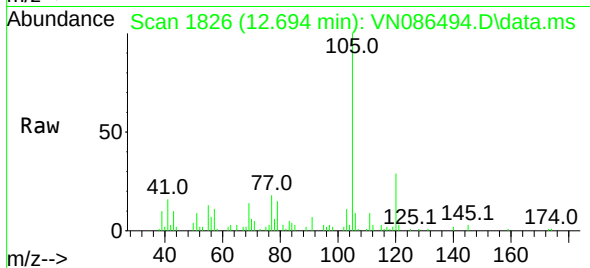
SS-6MEDL

Tgt Ion:105 Resp: 24601

Ion Ratio Lower Upper

105 100

120 26.2 13.1 39.3



#78

n-propylbenzene

Concen: 5.747 ug/l

RT: 13.029 min Scan# 1883

Delta R.T. -0.006 min

Lab File: VN086494.D

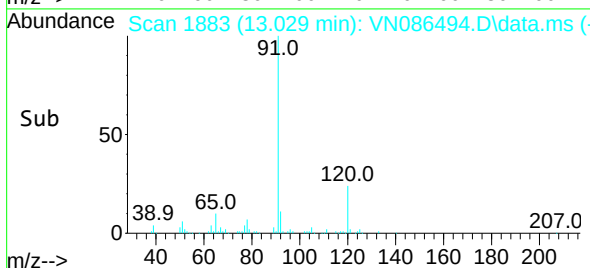
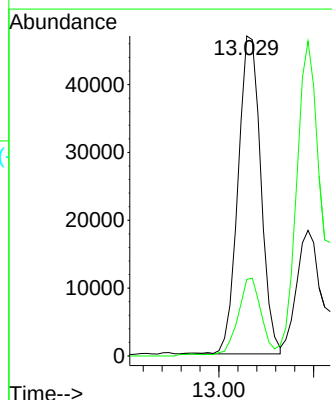
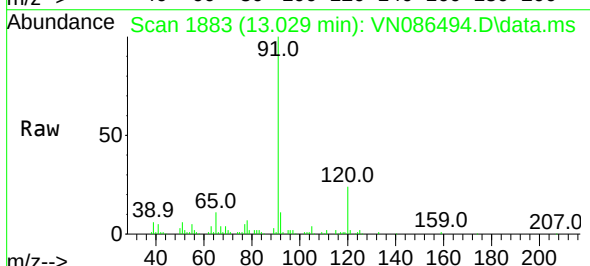
Acq: 05 May 2025 18:25

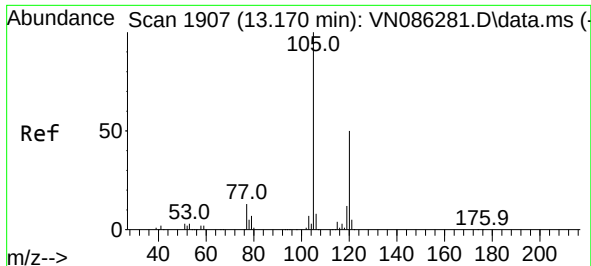
Tgt Ion: 91 Resp: 78099

Ion Ratio Lower Upper

91 100

120 23.9 11.1 33.3

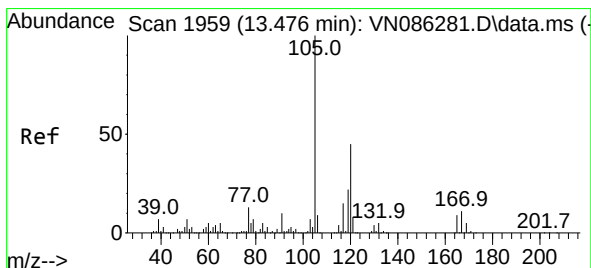
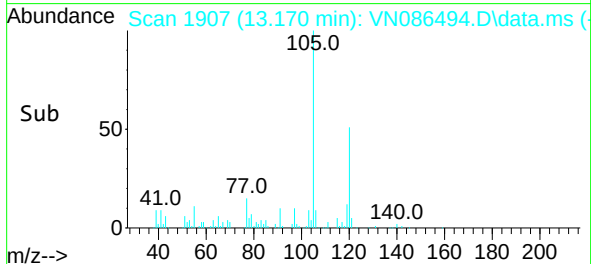
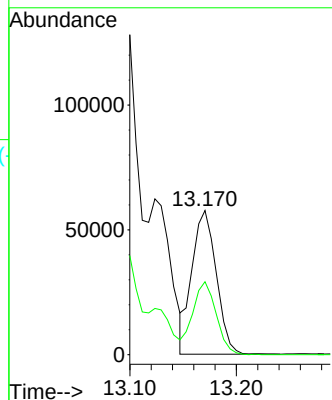
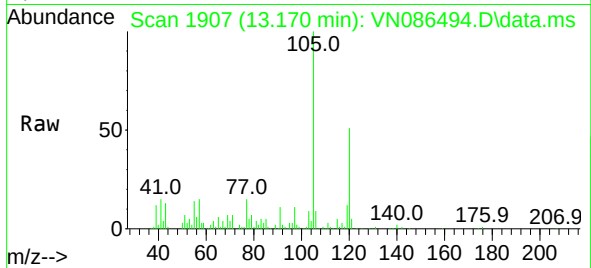




#80
 1,3,5-Trimethylbenzene
 Concen: 9.679 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. 0.000 min
 Lab File: VN086494.D
 Acq: 05 May 2025 18:25

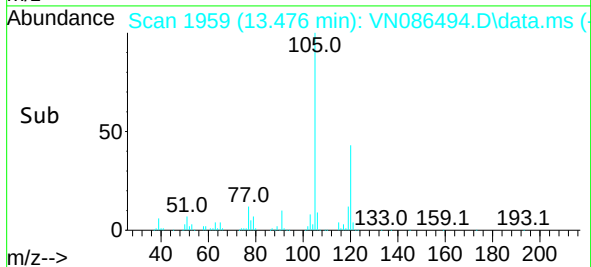
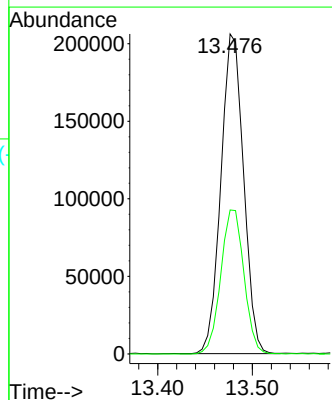
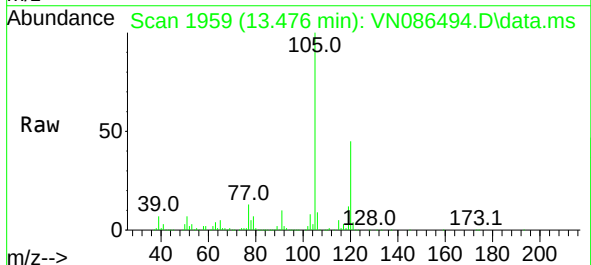
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6MEDL

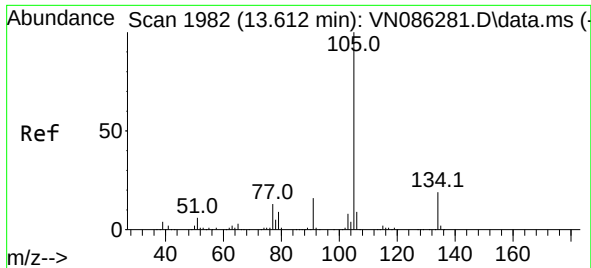
Tgt Ion:105 Resp: 91353
 Ion Ratio Lower Upper
 105 100
 120 49.5 24.5 73.5



#84
 1,2,4-Trimethylbenzene
 Concen: 35.727 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. 0.000 min
 Lab File: VN086494.D
 Acq: 05 May 2025 18:25

Tgt Ion:105 Resp: 343237
 Ion Ratio Lower Upper
 105 100
 120 46.0 22.4 67.3

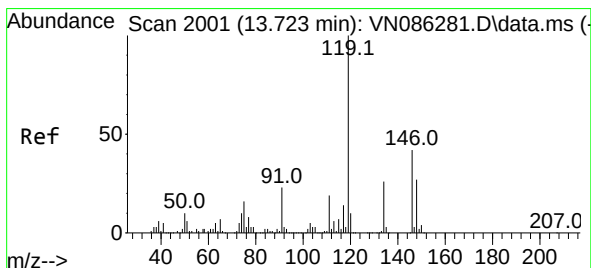
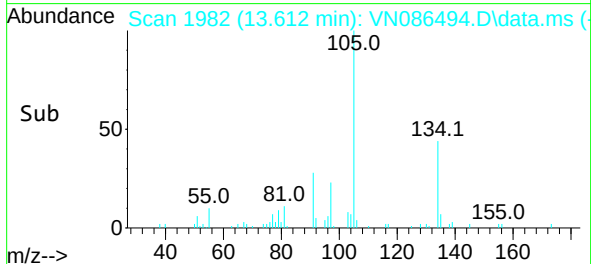
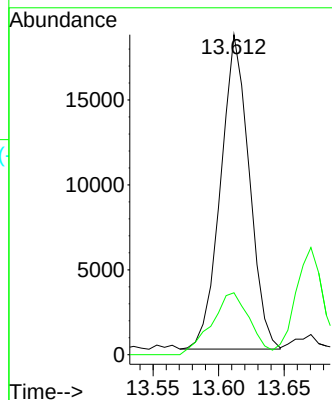
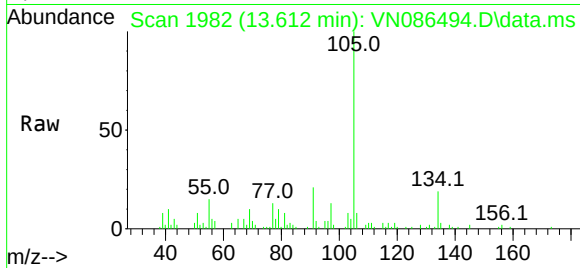




#85
 sec-Butylbenzene
 Concen: 2.480 ug/l
 RT: 13.612 min Scan# 1982
 Delta R.T. 0.000 min
 Lab File: VN086494.D
 Acq: 05 May 2025 18:25

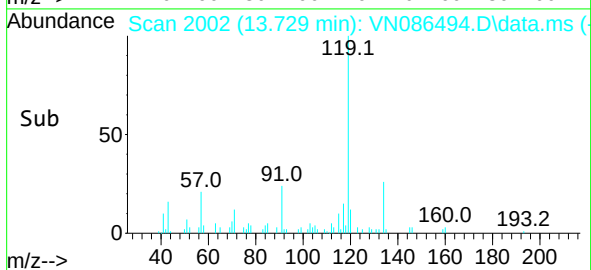
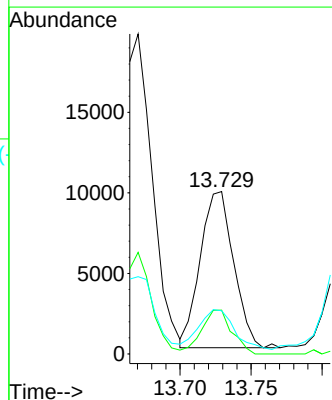
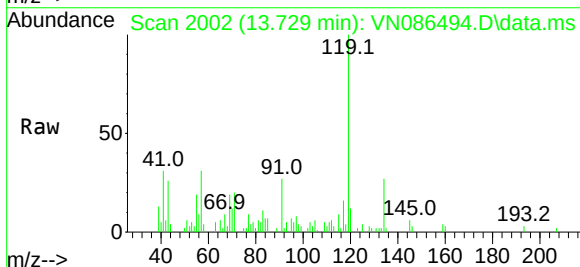
Instrument :
 MSVOA_N
 ClientSampleId :
 SS-6MEDL

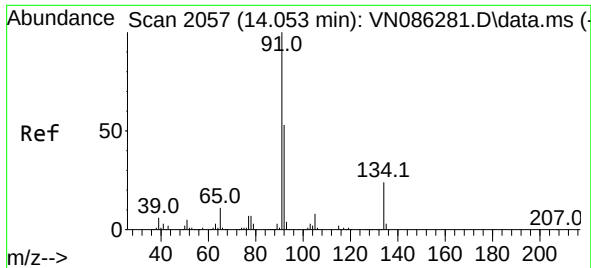
Tgt Ion:105 Resp: 28130
 Ion Ratio Lower Upper
 105 100
 134 26.1 9.7 29.1



#86
 p-Isopropyltoluene
 Concen: 1.702 ug/l
 RT: 13.729 min Scan# 2002
 Delta R.T. 0.006 min
 Lab File: VN086494.D
 Acq: 05 May 2025 18:25

Tgt Ion:119 Resp: 15912
 Ion Ratio Lower Upper
 119 100
 134 25.4 13.1 39.1
 91 26.6 11.9 35.9





#89

n-Butylbenzene

Concen: 3.692 ug/l

RT: 14.053 min Scan# 2057

Delta R.T. 0.000 min

Lab File: VN086494.D

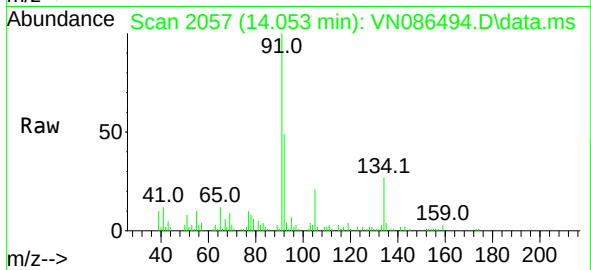
Acq: 05 May 2025 18:25

Instrument :

MSVOA_N

ClientSampleId :

SS-6MEDL



Tgt Ion:	91	Resp:	30599
Ion	Ratio	Lower	Upper
91	100		
92	56.5	26.8	80.4
134	0.0	12.2	36.6

