

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086496.D
 Acq On : 05 May 2025 19:14
 Operator : JC\MD
 Sample : Q1914-09MEDL 20X
 Misc : 8.00g/5mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SS-8MEDL

Quant Time: May 06 01:47:44 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)

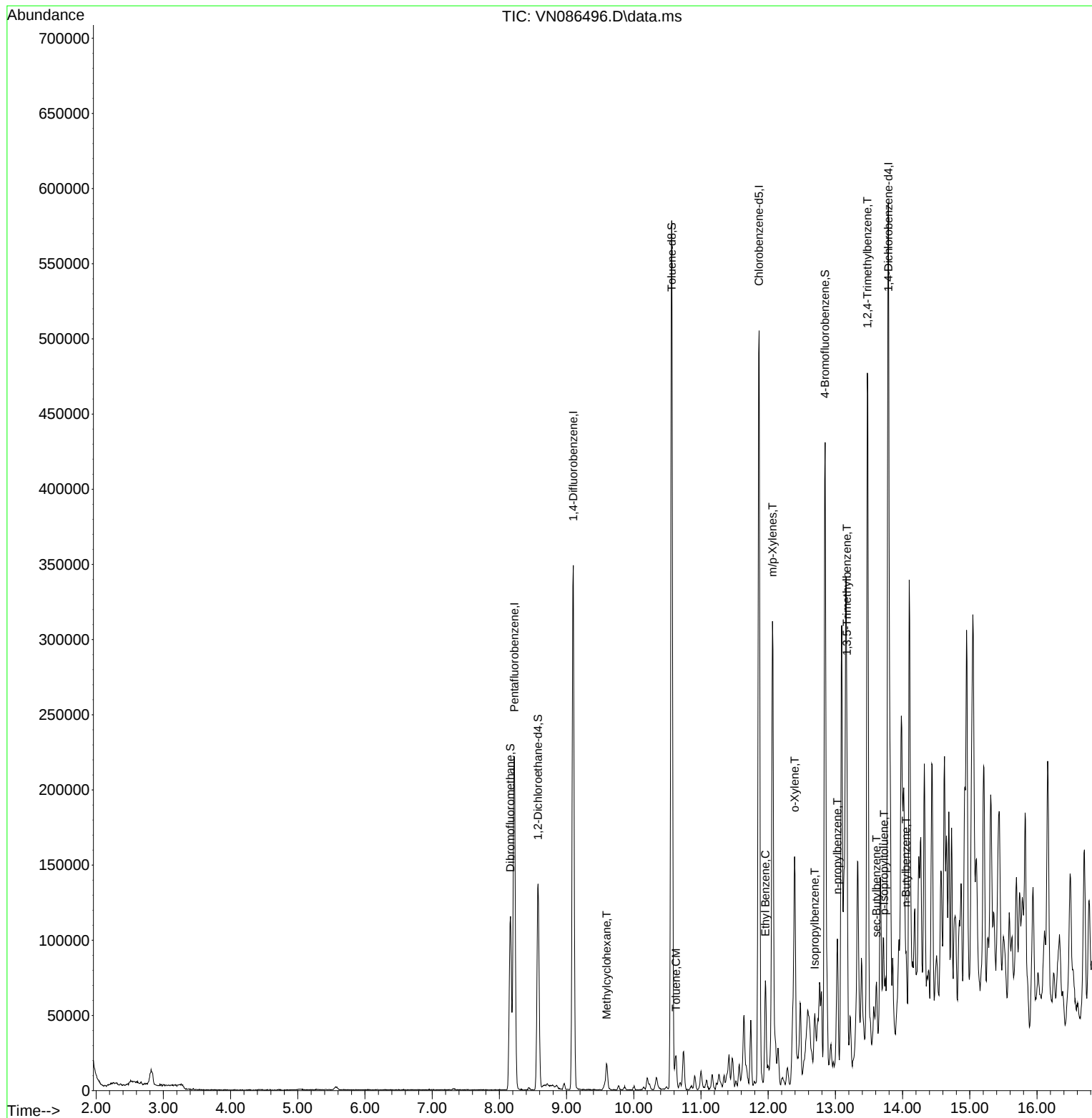
Internal Standards						
1) Pentafluorobenzene	8.224	168	167617	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	312635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	300291	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	141242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	115388	47.473	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 94.940%			
35) Dibromofluoromethane	8.165	113	85959	59.242	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 118.480%			
50) Toluene-d8	10.565	98	399600	51.530	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.060%			
62) 4-Bromofluorobenzene	12.847	95	151616	53.603	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 107.200%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.594	83	7511	2.180	ug/l	97
52) Toluene	10.629	92	9774	1.687	ug/l	98
67) Ethyl Benzene	11.959	91	47762	3.950	ug/l	100
68) m/p-Xylenes	12.065	106	64304	14.191	ug/l	99
69) o-Xylene	12.394	106	37316	8.327	ug/l	99
73) Isopropylbenzene	12.694	105	17468	1.512	ug/l	100
78) n-propylbenzene	13.029	91	58874	4.324	ug/l	96
80) 1,3,5-Trimethylbenzene	13.170	105	72303	7.646	ug/l	100
84) 1,2,4-Trimethylbenzene	13.476	105	268975	27.943	ug/l	98
85) sec-Butylbenzene	13.611	105	22229	1.956	ug/l	86
86) p-Isopropyltoluene	13.723	119	12519	1.336	ug/l	99
89) n-Butylbenzene	14.053	91	25951	3.125	ug/l #	83

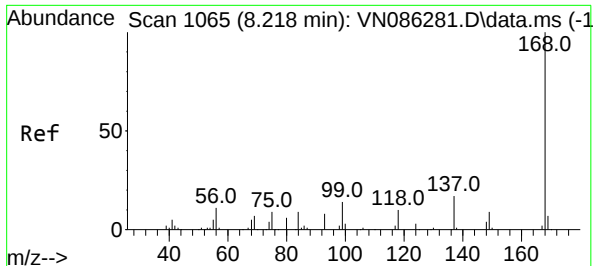
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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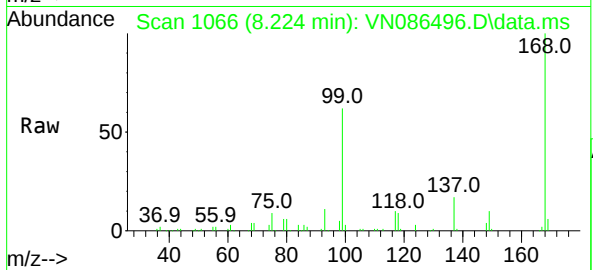
Quant Time: May 06 01:47:44 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 16 04:19:23 2025
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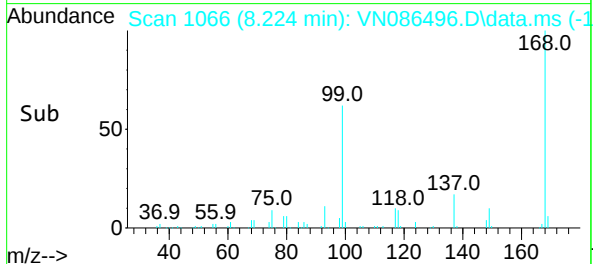
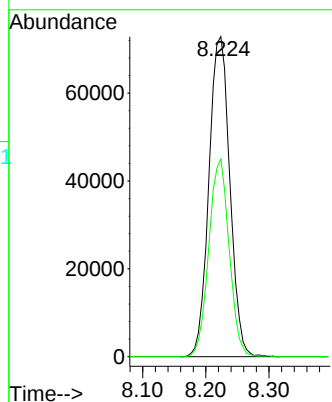


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

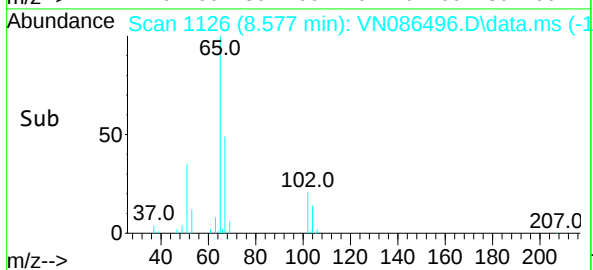
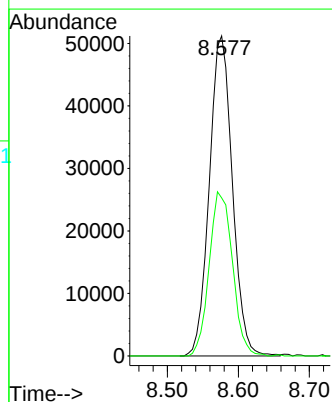
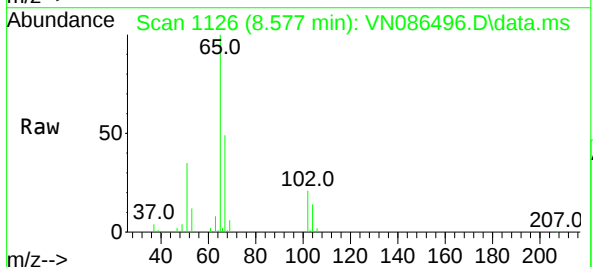


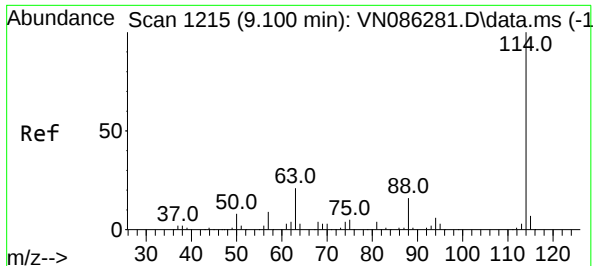
Tgt Ion:168 Resp: 167617
Ion Ratio Lower Upper
168 100
99 61.8 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 47.473 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 65 Resp: 115388
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.0

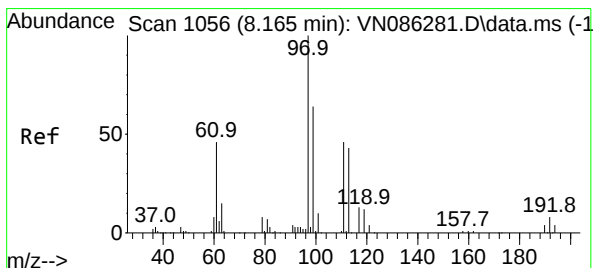
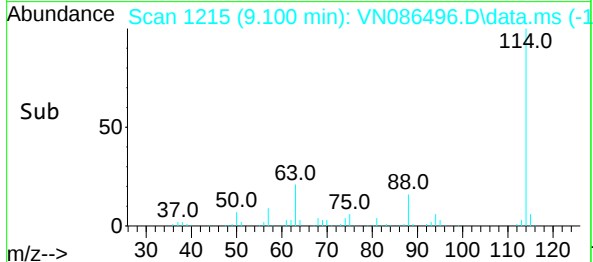
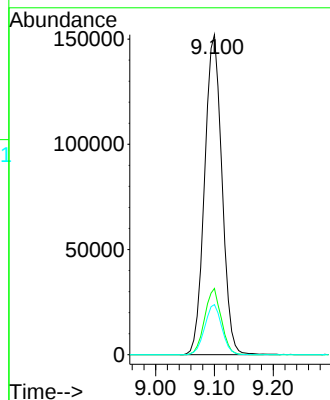
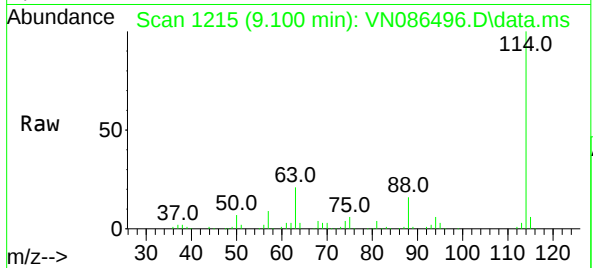




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

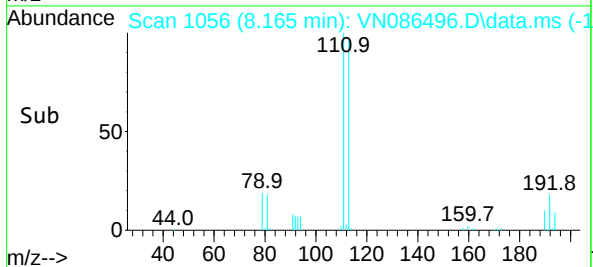
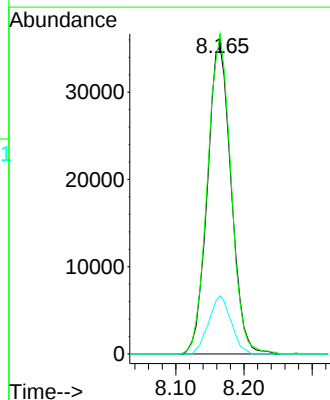
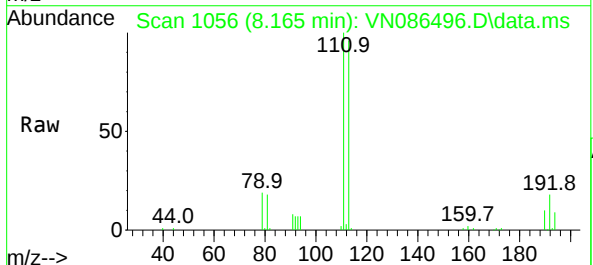
Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

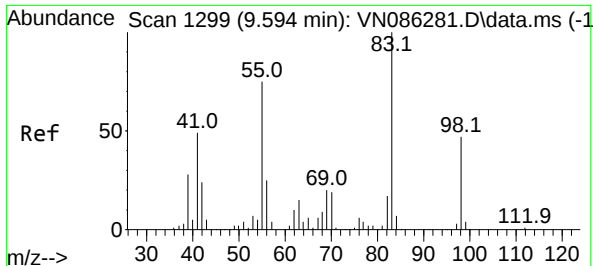
Tgt Ion:114 Resp: 312635
Ion Ratio Lower Upper
114 100
63 20.7 0.0 42.6
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.242 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:113 Resp: 85959
Ion Ratio Lower Upper
113 100
111 102.0 83.4 125.0
192 17.7 13.7 20.5





#39

Methylcyclohexane

Concen: 2.180 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

SS-8MEDL

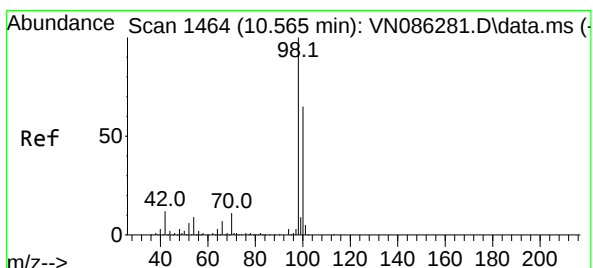
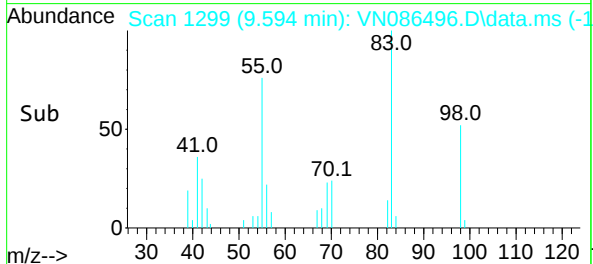
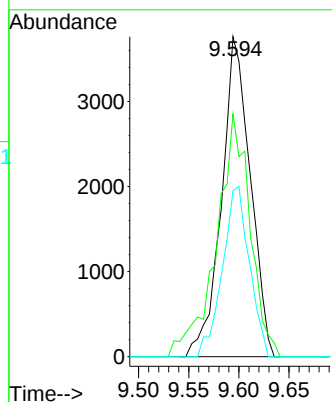
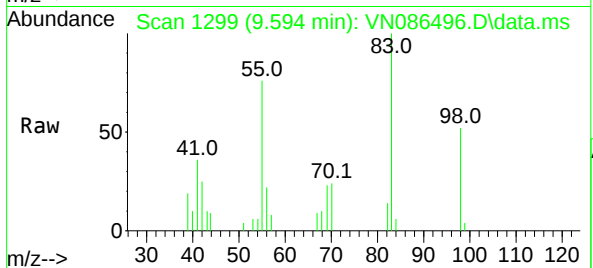
Tgt Ion: 83 Resp: 7511

Ion Ratio Lower Upper

83 100

55 75.8 59.8 89.8

98 51.9 37.9 56.9



#50

Toluene-d8

Concen: 51.530 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086496.D

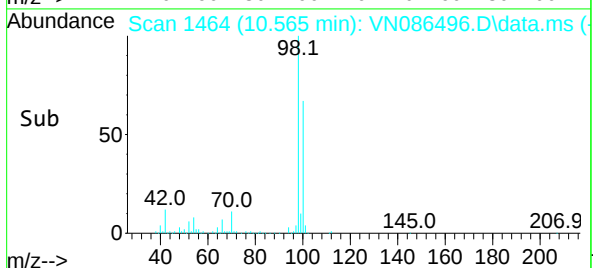
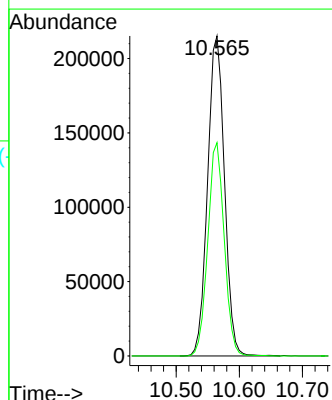
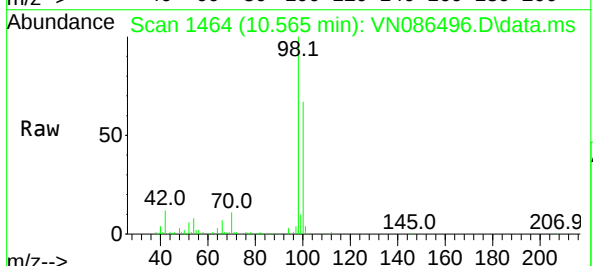
Acq: 05 May 2025 19:14

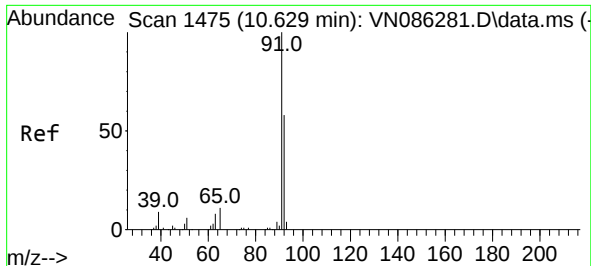
Tgt Ion: 98 Resp: 399600

Ion Ratio Lower Upper

98 100

100 65.0 52.5 78.7

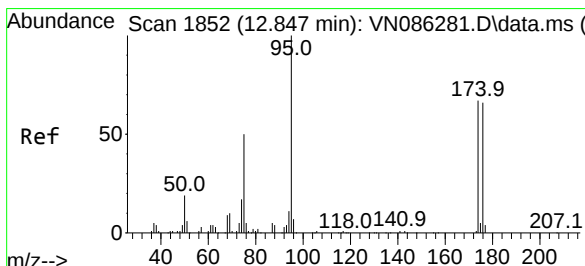
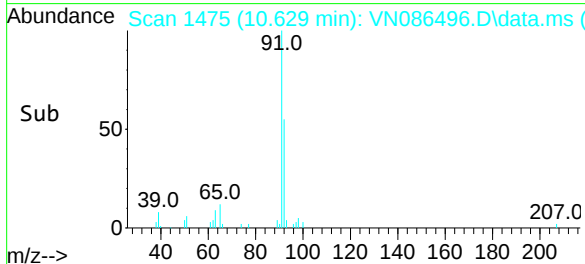
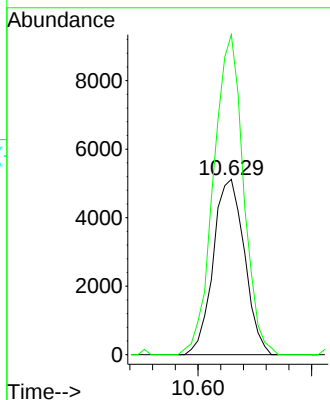
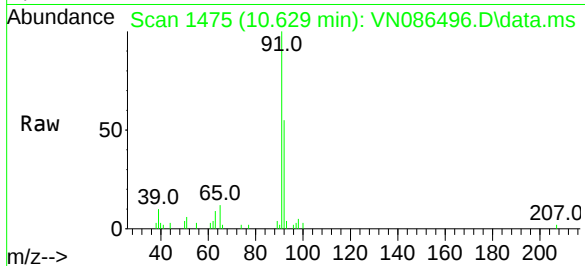




#52
Toluene
Concen: 1.687 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

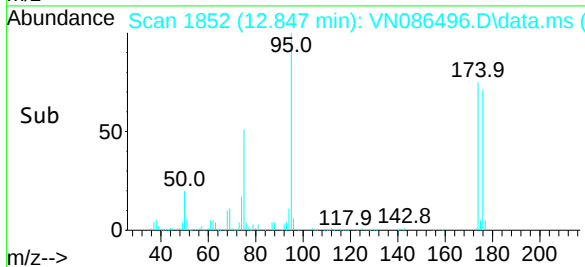
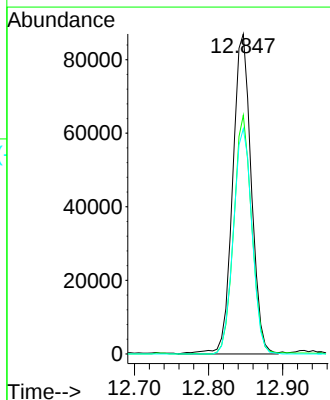
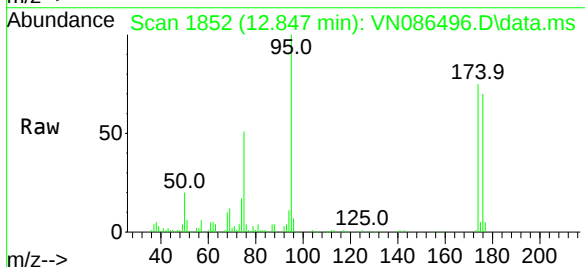
Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

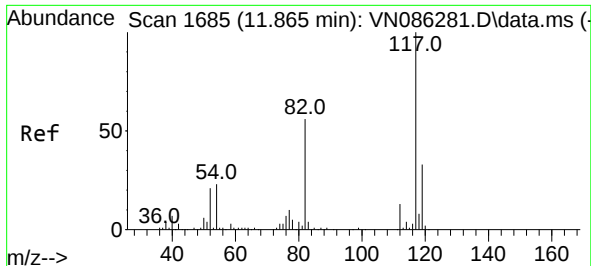
Tgt Ion: 92 Resp: 9774
Ion Ratio Lower Upper
92 100
91 174.9 137.3 205.9



#62
4-Bromofluorobenzene
Concen: 53.603 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 95 Resp: 151616
Ion Ratio Lower Upper
95 100
174 72.0 0.0 133.4
176 70.2 0.0 129.2

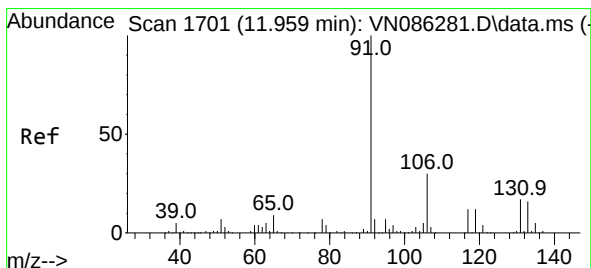
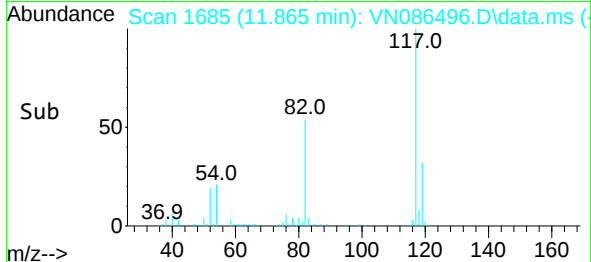
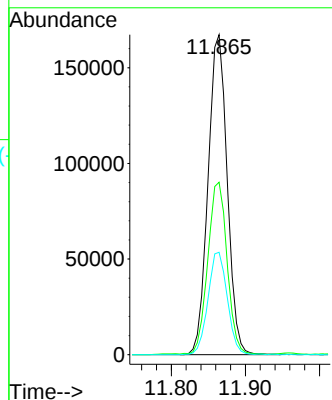
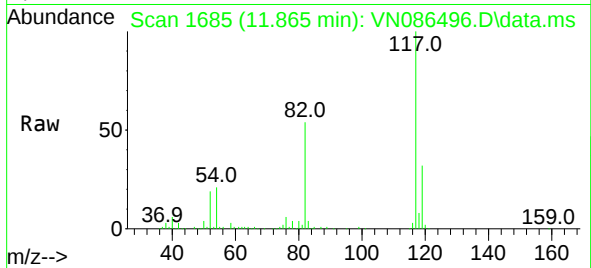




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

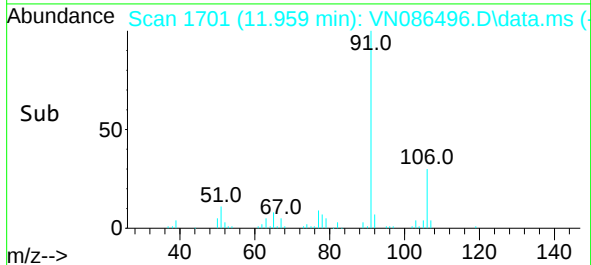
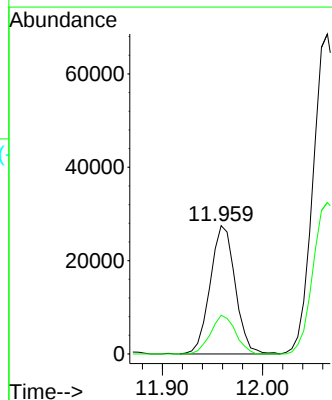
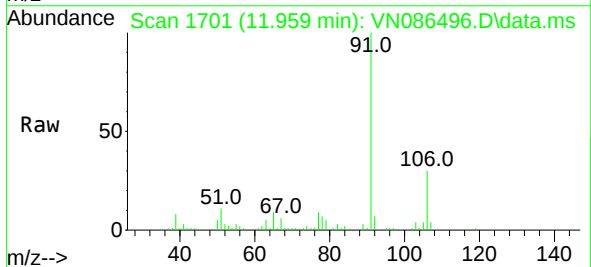
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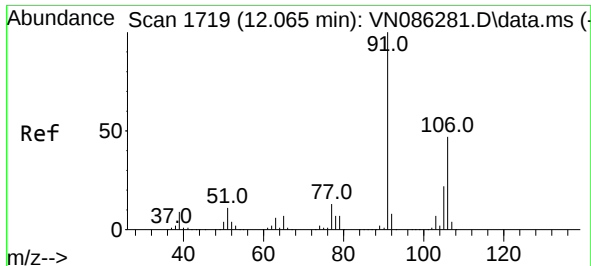
Tgt Ion:117 Resp: 300291
Ion Ratio Lower Upper
117 100
82 53.7 44.7 67.1
119 32.0 26.4 39.6



#67
Ethyl Benzene
Concen: 3.950 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 91 Resp: 47762
Ion Ratio Lower Upper
91 100
106 30.2 24.3 36.5

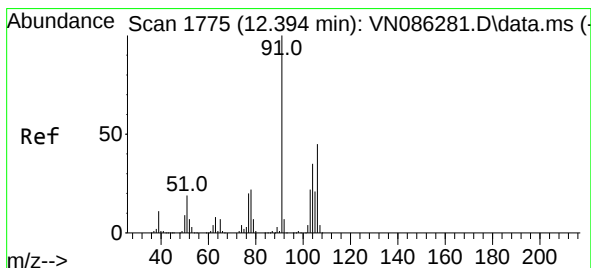
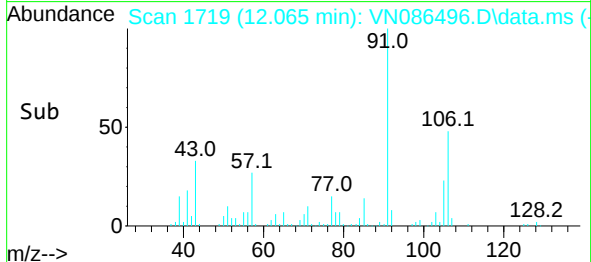
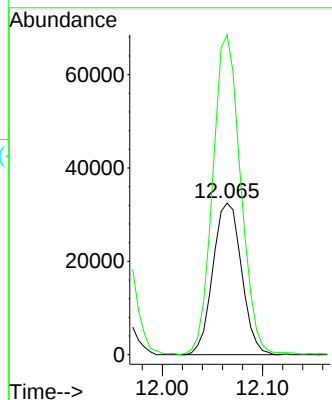
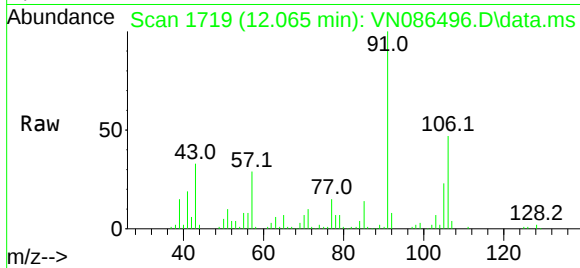




#68
m/p-Xylenes
Concen: 14.191 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

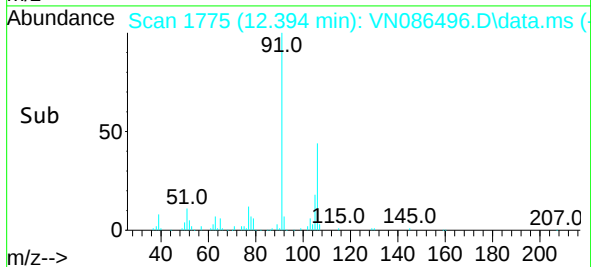
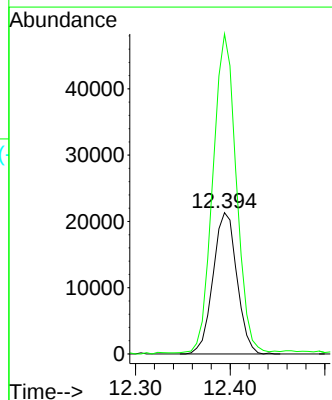
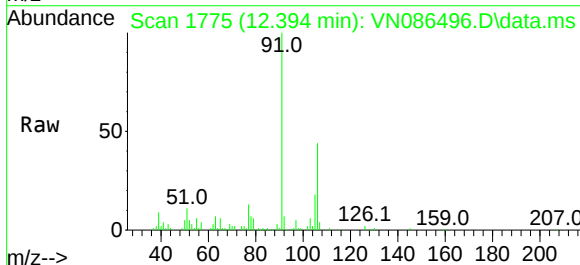
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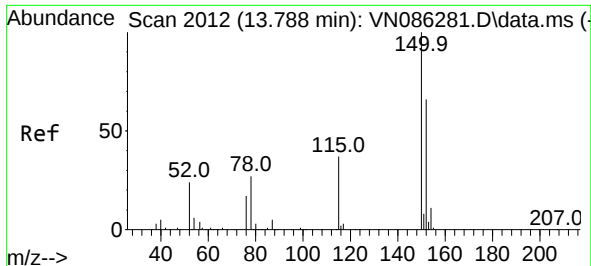
Tgt Ion:106 Resp: 64304
Ion Ratio Lower Upper
106 100
91 206.1 166.5 249.7



#69
o-Xylene
Concen: 8.327 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:106 Resp: 37316
Ion Ratio Lower Upper
106 100
91 221.4 109.7 329.0

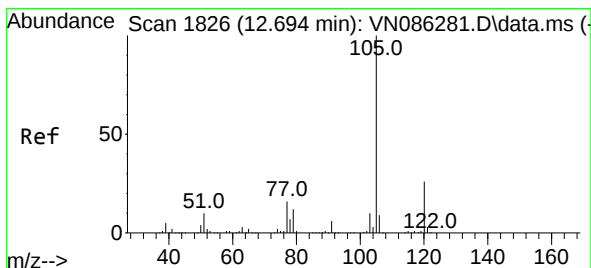
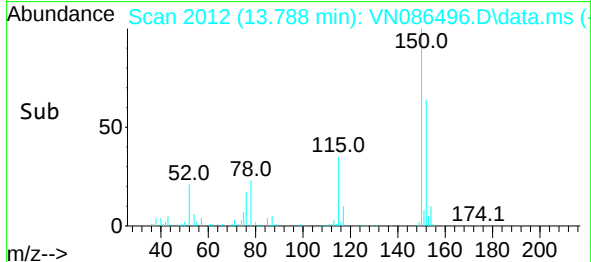
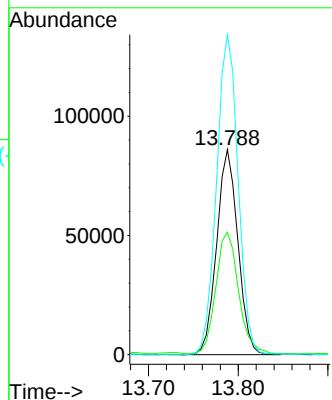
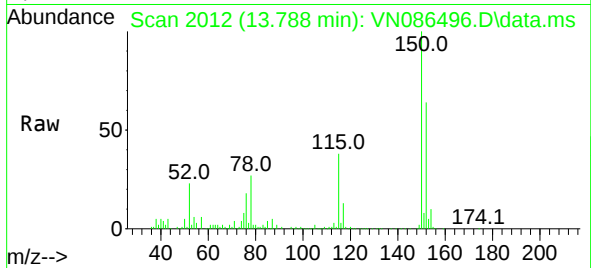




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

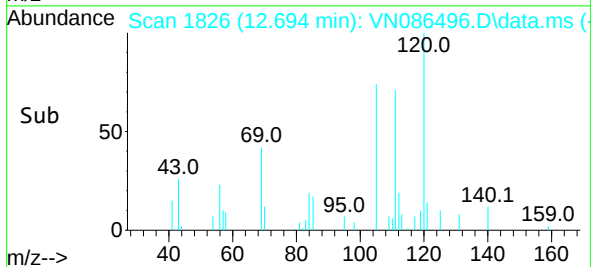
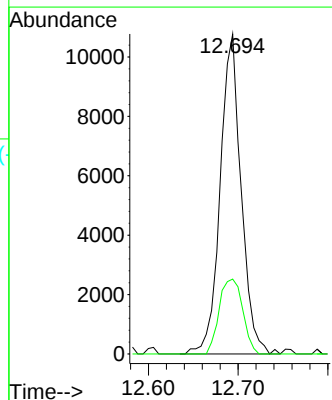
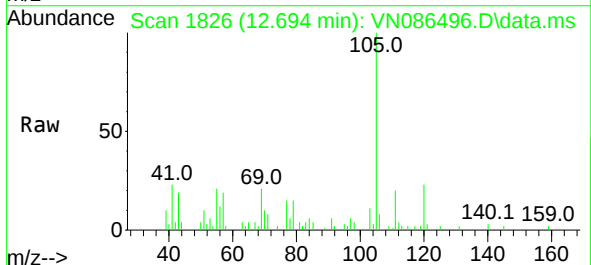
Instrument :
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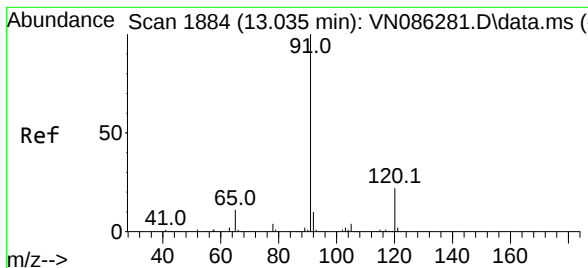
Tgt Ion:152 Resp: 141242
Ion Ratio Lower Upper
152 100
115 63.3 31.9 95.9
150 158.4 0.0 352.0



#73
Isopropylbenzene
Concen: 1.512 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion:105 Resp: 17468
Ion Ratio Lower Upper
105 100
120 26.2 13.1 39.3





#78

n-propylbenzene

Concen: 4.324 ug/l

RT: 13.029 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

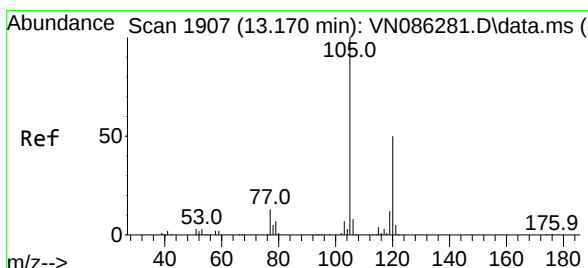
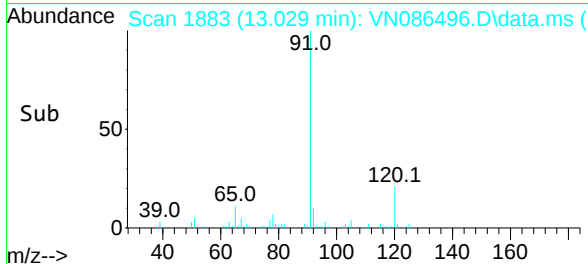
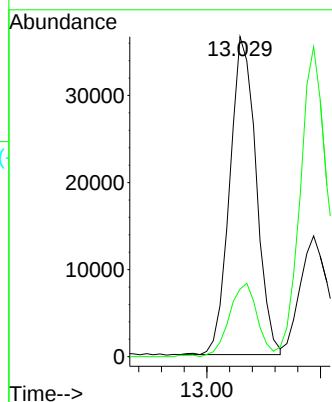
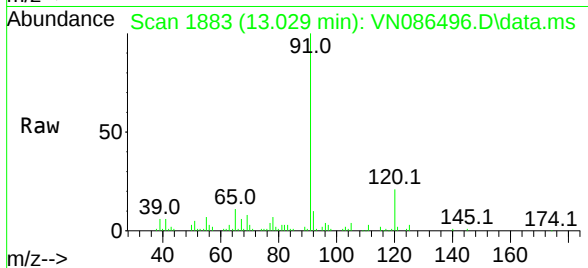
SS-8MEDL

Tgt Ion: 91 Resp: 58874

Ion Ratio Lower Upper

91 100

120 24.3 11.1 33.3



#80

1,3,5-Trimethylbenzene

Concen: 7.646 ug/l

RT: 13.170 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VN086496.D

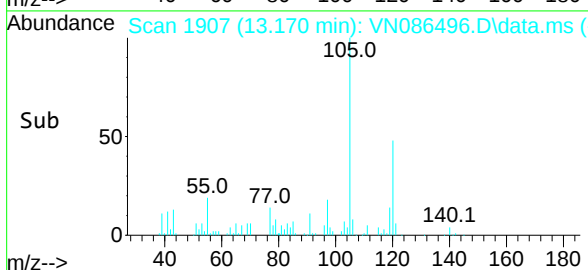
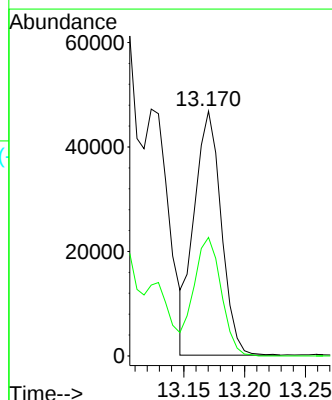
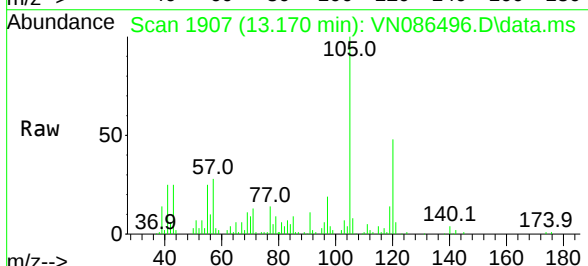
Acq: 05 May 2025 19:14

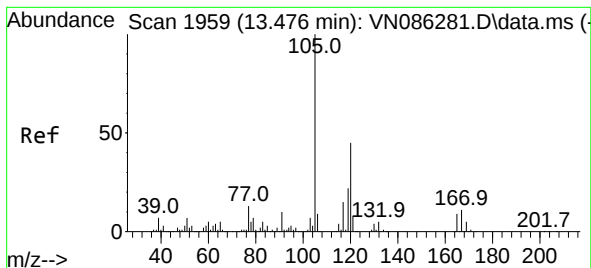
Tgt Ion:105 Resp: 72303

Ion Ratio Lower Upper

105 100

120 49.1 24.5 73.5





#84

1,2,4-Trimethylbenzene

Concen: 27.943 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. -0.000 min

Lab File: VN086496.D

Acq: 05 May 2025 19:14

Instrument :

MSVOA_N

ClientSampleId :

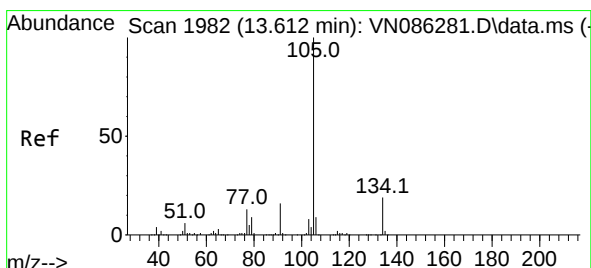
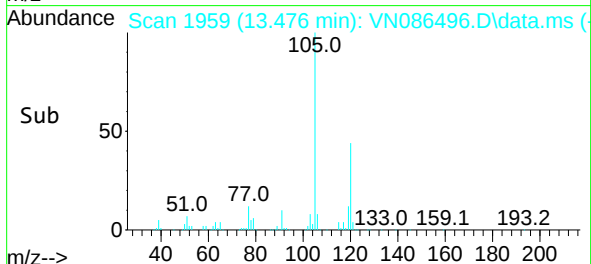
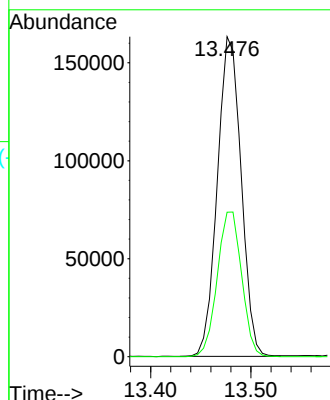
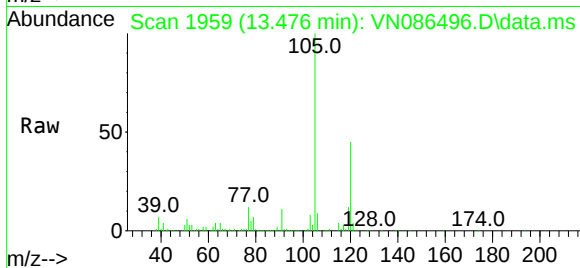
SS-8MEDL

Tgt Ion:105 Resp: 268975

Ion Ratio Lower Upper

105 100

120 46.4 22.4 67.3



#85

sec-Butylbenzene

Concen: 1.956 ug/l

RT: 13.611 min Scan# 1982

Delta R.T. -0.000 min

Lab File: VN086496.D

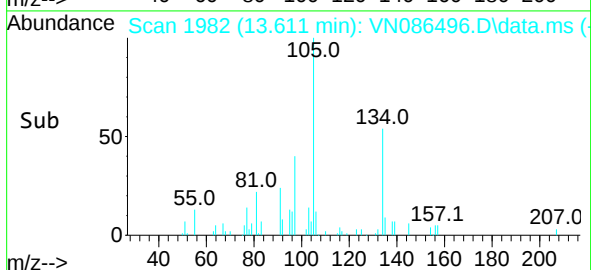
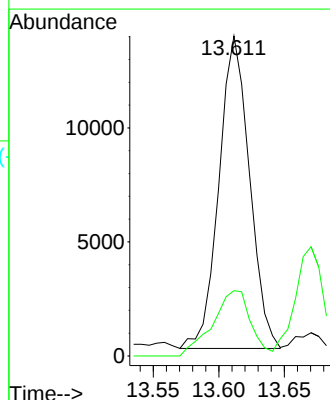
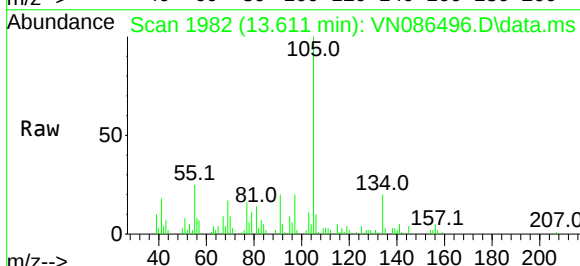
Acq: 05 May 2025 19:14

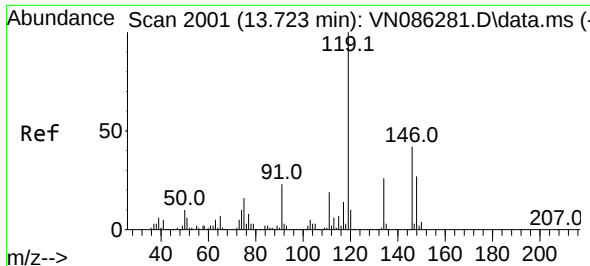
Tgt Ion:105 Resp: 22229

Ion Ratio Lower Upper

105 100

134 25.8 9.7 29.1

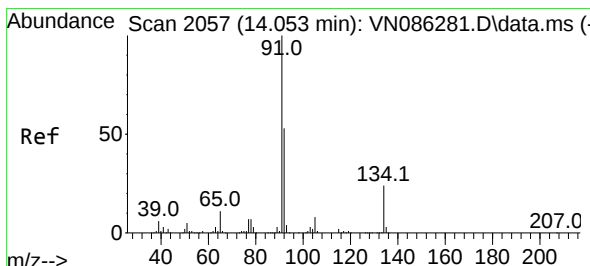
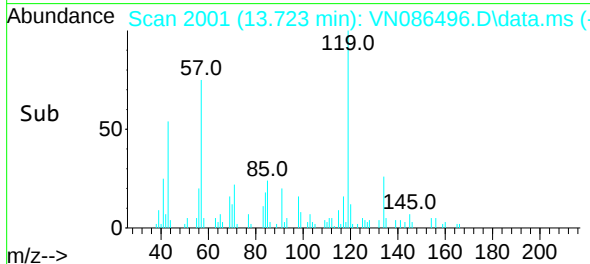
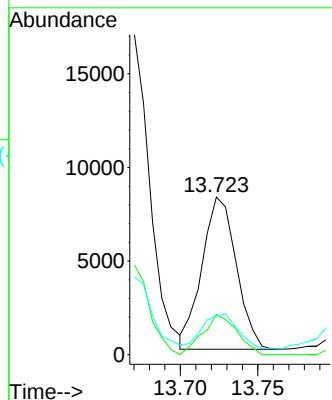
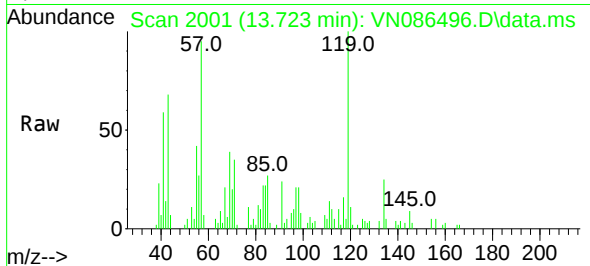




#86
p-Isopropyltoluene
Concen: 1.336 ug/l
RT: 13.723 min Scan# 2001
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Instrument :
MSVOA_N
ClientSampleId :
SS-8MEDL

Tgt Ion:119 Resp: 12519
Ion Ratio Lower Upper
119 100
134 26.2 13.1 39.1
91 24.5 11.9 35.9



#89
n-Butylbenzene
Concen: 3.125 ug/l
RT: 14.053 min Scan# 2057
Delta R.T. -0.000 min
Lab File: VN086496.D
Acq: 05 May 2025 19:14

Tgt Ion: 91 Resp: 25951
Ion Ratio Lower Upper
91 100
92 55.5 26.8 80.4
134 0.0 12.2 36.6#

