

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN051525\
 Data File : VN086658.D
 Acq On : 15 May 2025 20:25
 Operator : JC\MD
 Sample : Q1966-05DL 200X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SILICA-GELDL

Quant Time: May 16 05:34:44 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)

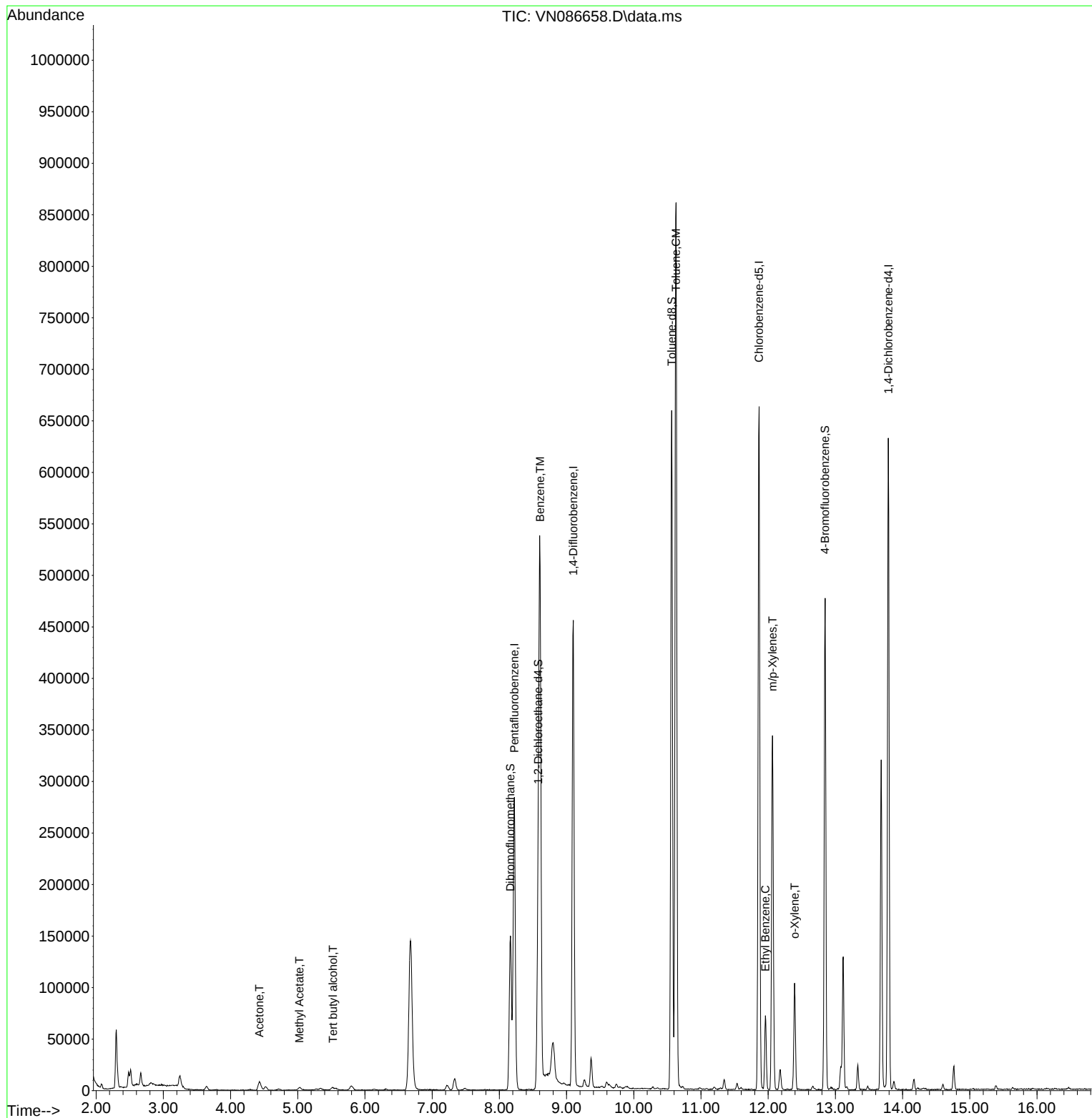
Internal Standards						
1) Pentafluorobenzene	8.224	168	212344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	405296	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	393725	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174812	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	133877	43.478	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	86.960%		
35) Dibromofluoromethane	8.165	113	112238	59.668	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	119.340%		
50) Toluene-d8	10.565	98	468664	46.619	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	93.240%		
62) 4-Bromofluorobenzene	12.847	95	175687	47.913	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	95.820%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.524	59	4919	8.755	ug/l #	79
16) Acetone	4.430	43	16106	9.642	ug/l	94
18) Methyl Acetate	5.024	43	5404	1.462	ug/l	99
40) Benzene	8.606	78	531813	44.180	ug/l	97
52) Toluene	10.629	92	396668	52.811	ug/l	100
67) Ethyl Benzene	11.959	91	54150	3.415	ug/l	98
68) m/p-Xylenes	12.065	106	113517	19.107	ug/l	95
69) o-Xylene	12.394	106	28280	4.813	ug/l	98

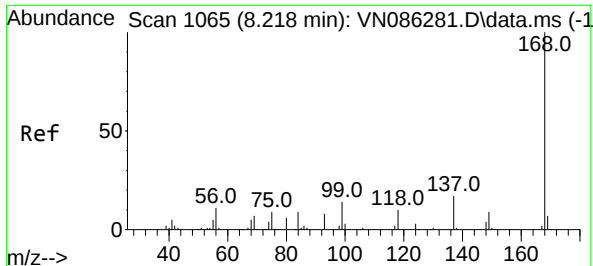
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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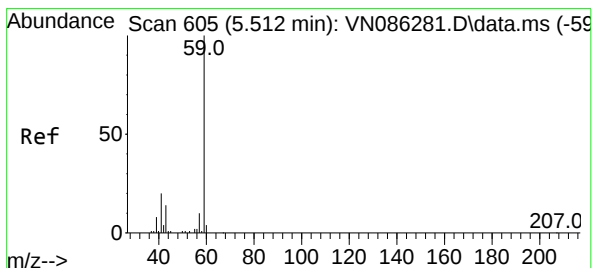
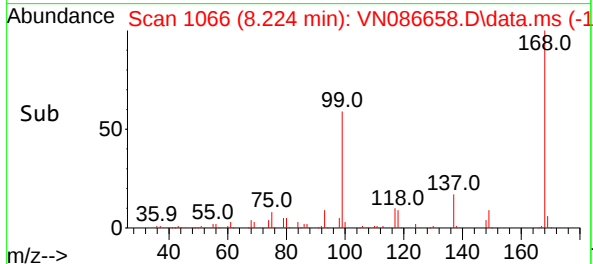
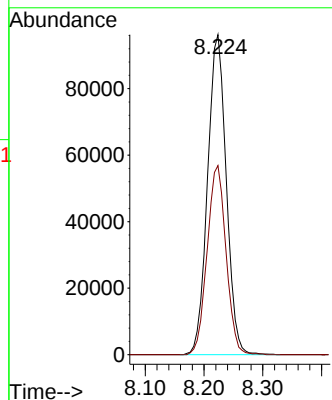
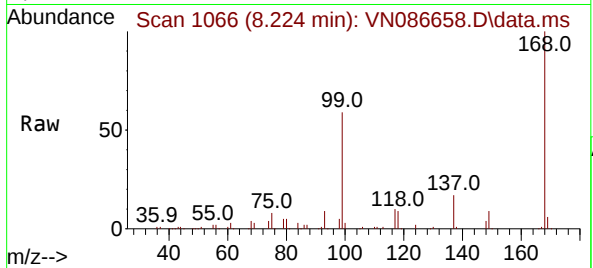




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

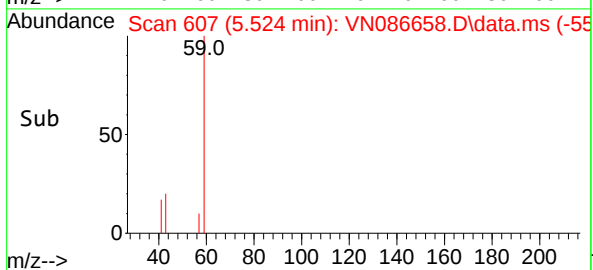
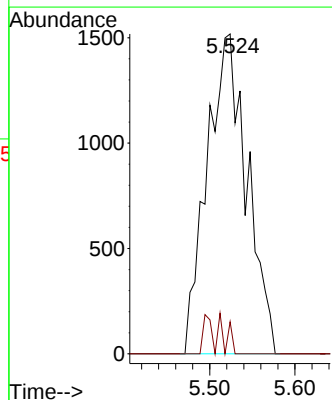
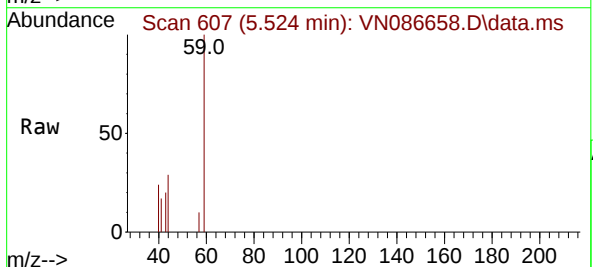
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GELDL

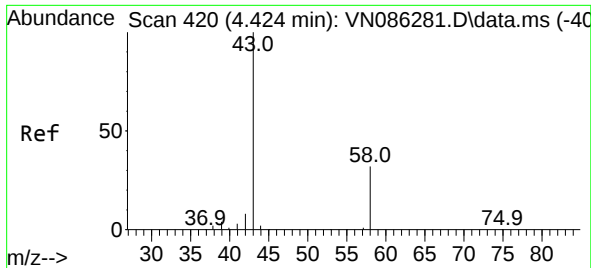
Tgt Ion:168 Resp: 212344
Ion Ratio Lower Upper
168 100
99 59.1 52.5 78.7



#11
Tert butyl alcohol
Concen: 8.755 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.012 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

Tgt Ion: 59 Resp: 4919
Ion Ratio Lower Upper
59 100
57 2.5 8.3 12.5#





#16

Acetone

Concen: 9.642 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN086658.D

Acq: 15 May 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

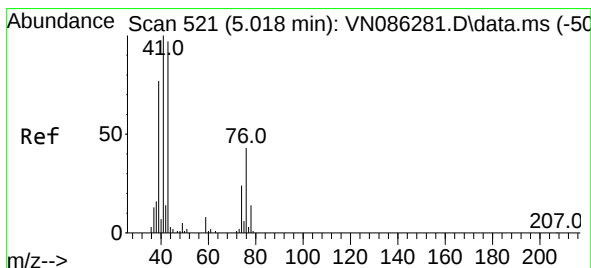
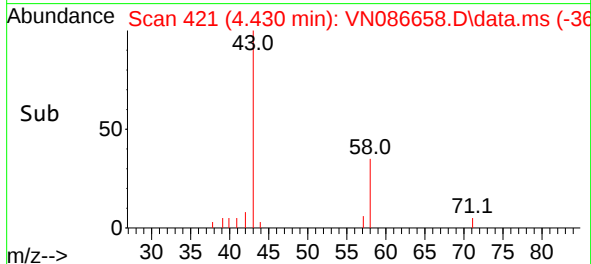
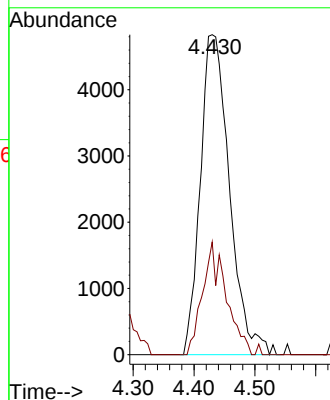
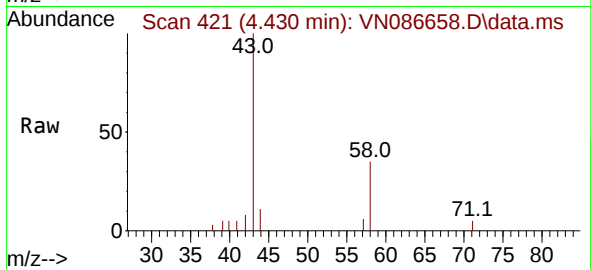
SILICA-GELDL

Tgt Ion: 43 Resp: 16106

Ion Ratio Lower Upper

43 100

58 35.2 25.3 37.9



#18

Methyl Acetate

Concen: 1.462 ug/l

RT: 5.024 min Scan# 522

Delta R.T. 0.006 min

Lab File: VN086658.D

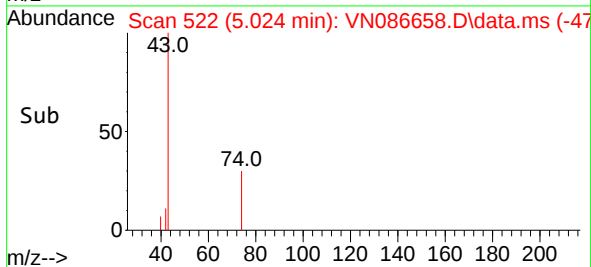
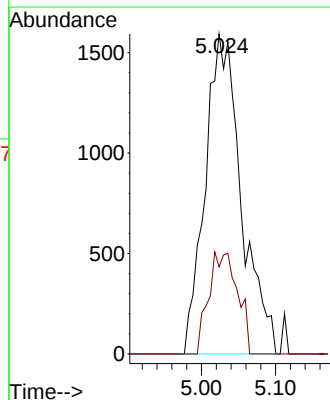
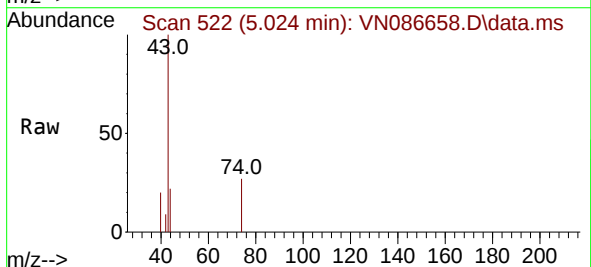
Acq: 15 May 2025 20:25

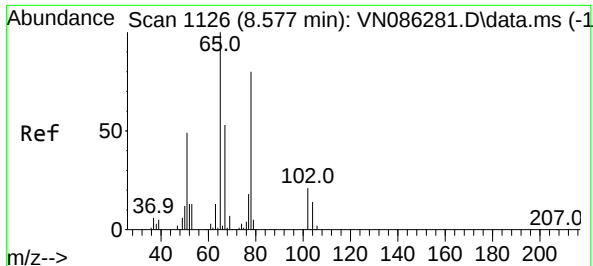
Tgt Ion: 43 Resp: 5404

Ion Ratio Lower Upper

43 100

74 25.4 19.8 29.6





#33

1,2-Dichloroethane-d4

Concen: 43.478 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086658.D

Acq: 15 May 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

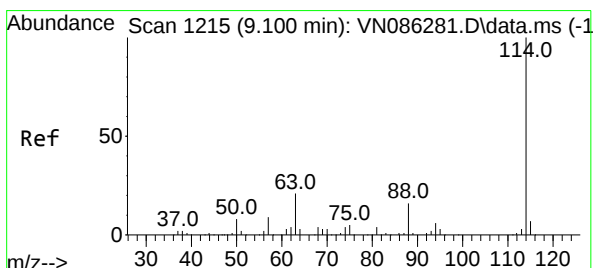
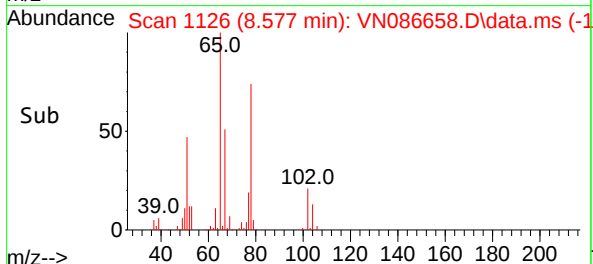
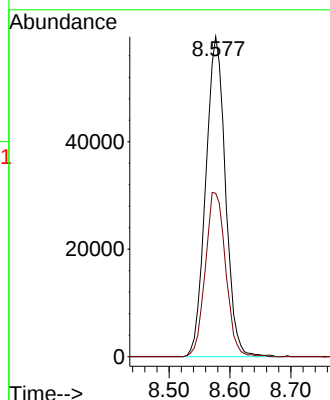
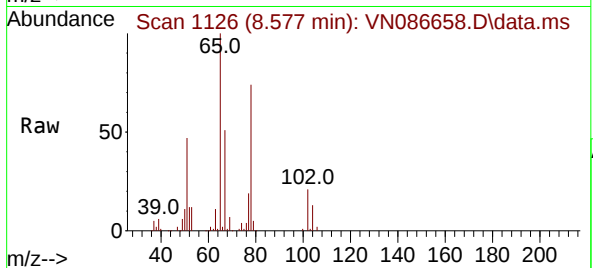
SILICA-GELDL

Tgt Ion: 65 Resp: 133877

Ion Ratio Lower Upper

65 100

67 52.9 0.0 106.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086658.D

Acq: 15 May 2025 20:25

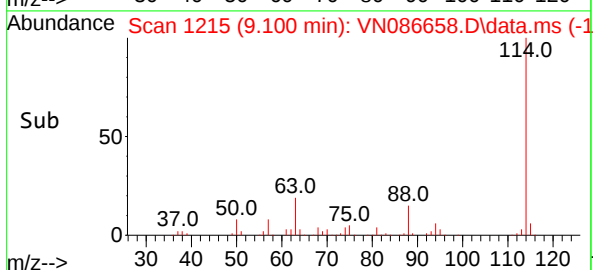
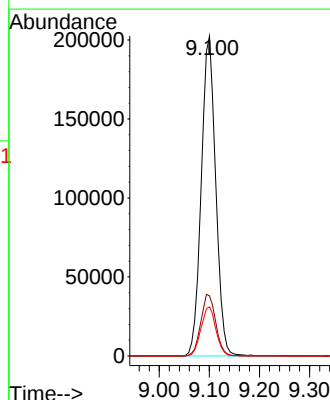
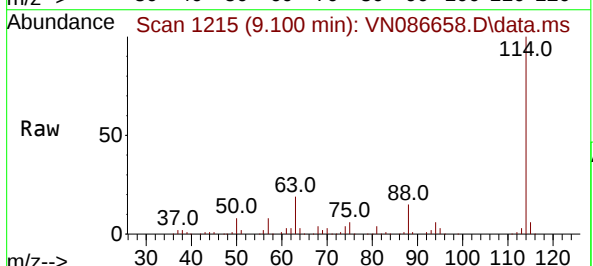
Tgt Ion: 114 Resp: 405296

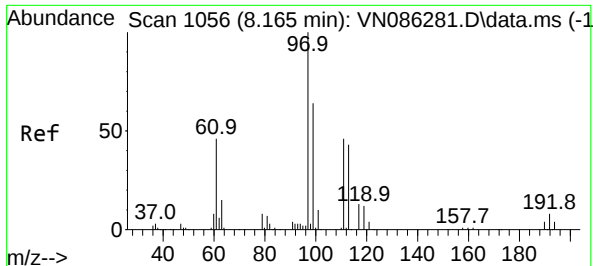
Ion Ratio Lower Upper

114 100

63 18.8 0.0 42.6

88 15.3 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.668 ug/l

RT: 8.165 min Scan# 1105

Delta R.T. -0.000 min

Lab File: VN086658.D

Acq: 15 May 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

SILICA-GELDL

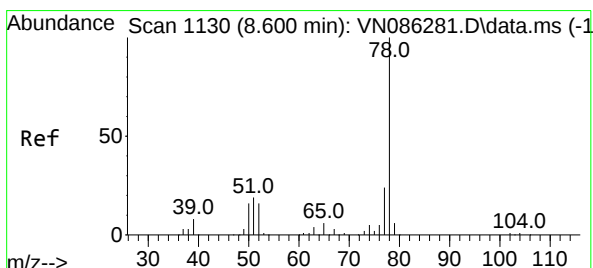
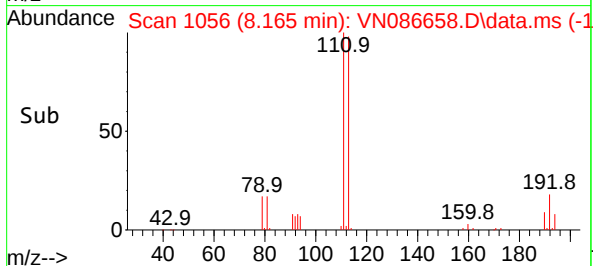
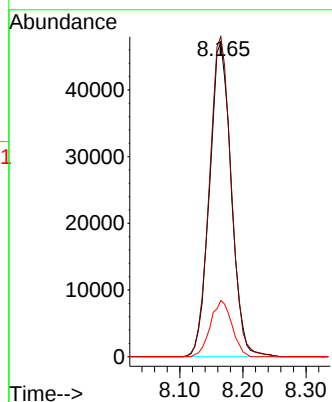
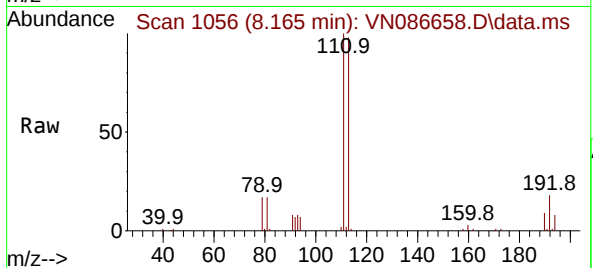
Tgt Ion:113 Resp: 112238

Ion Ratio Lower Upper

113 100

111 102.4 83.4 125.0

192 17.7 13.7 20.5



#40

Benzene

Concen: 44.180 ug/l

RT: 8.606 min Scan# 1131

Delta R.T. 0.006 min

Lab File: VN086658.D

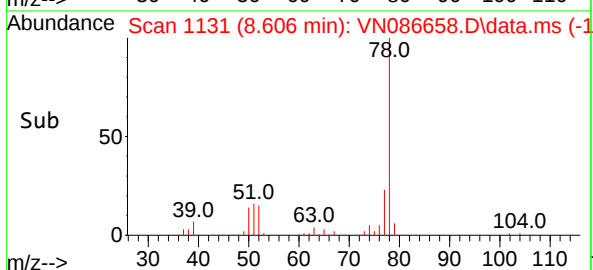
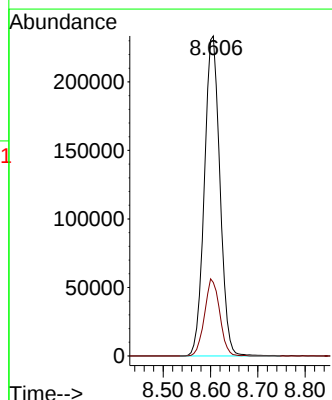
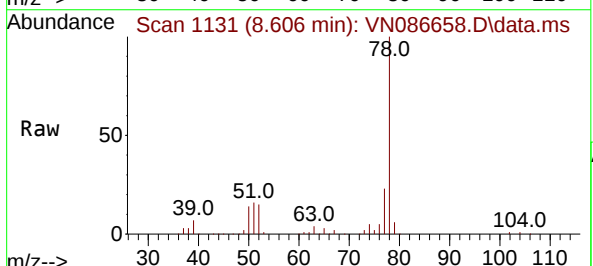
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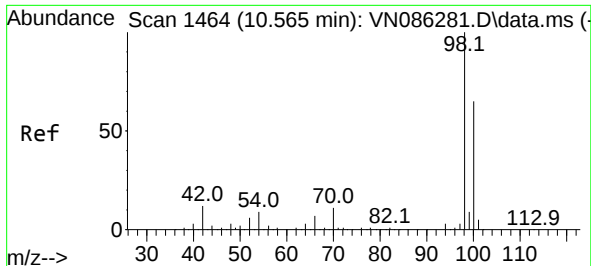
Tgt Ion: 78 Resp: 531813

Ion Ratio Lower Upper

78 100

77 23.0 19.4 29.2

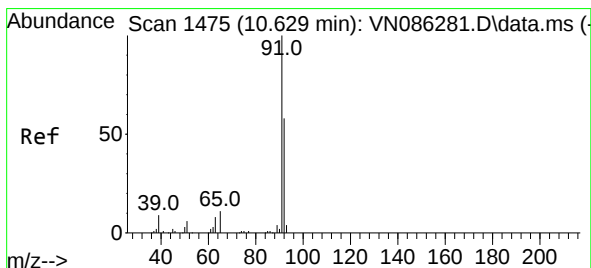
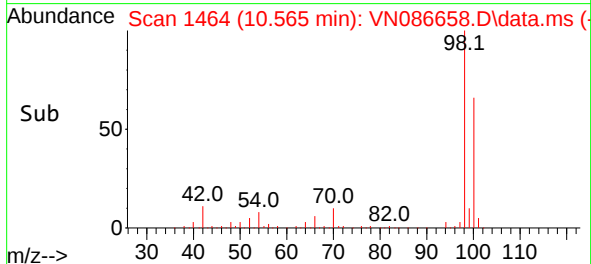
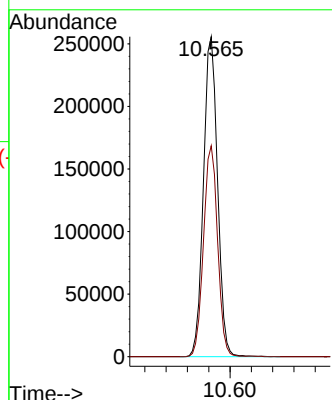
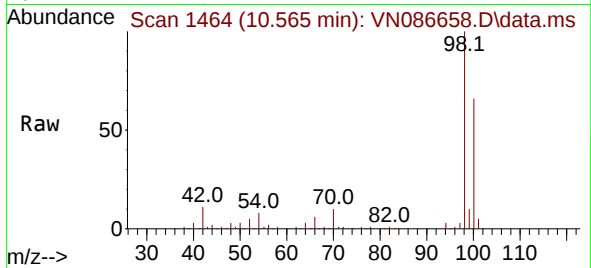




#50
Toluene-d8
Concen: 46.619 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

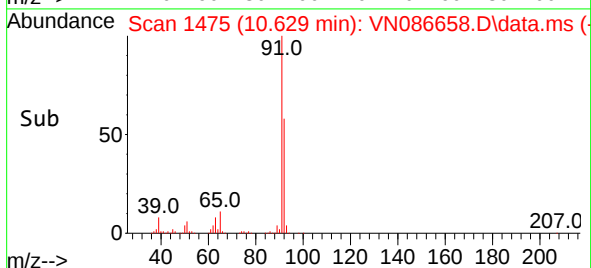
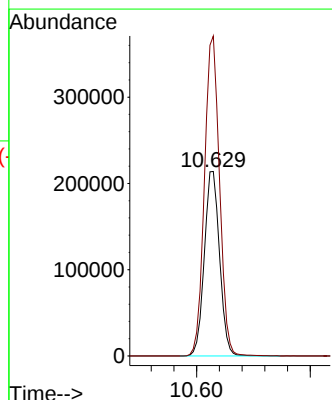
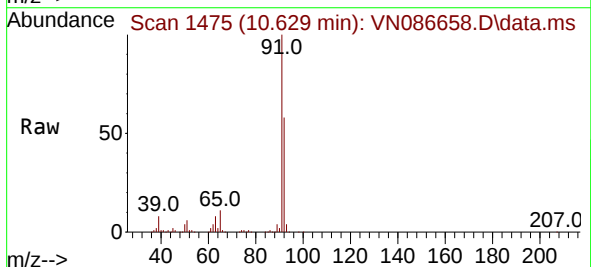
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SILICA-GELDL

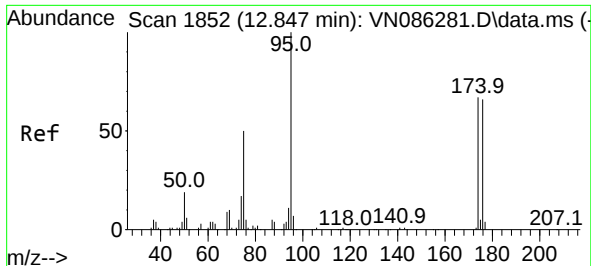
Tgt Ion: 98 Resp: 468664
Ion Ratio Lower Upper
98 100
100 65.9 52.5 78.7



#52
Toluene
Concen: 52.811 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

Tgt Ion: 92 Resp: 396668
Ion Ratio Lower Upper
92 100
91 171.8 137.3 205.9

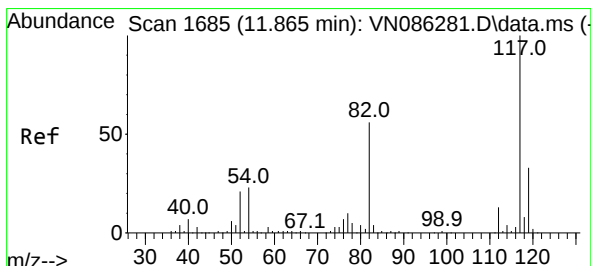
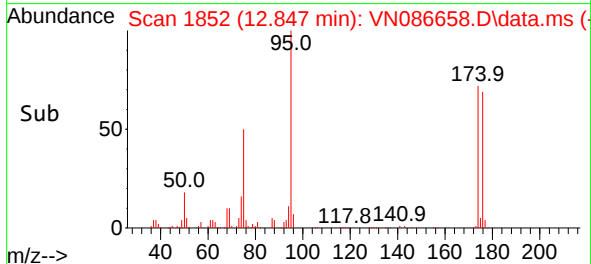
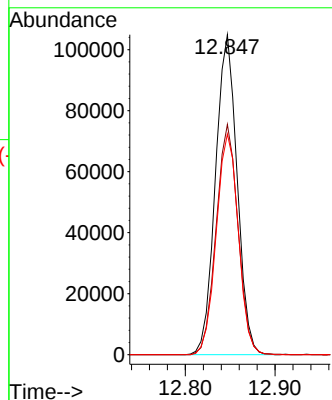
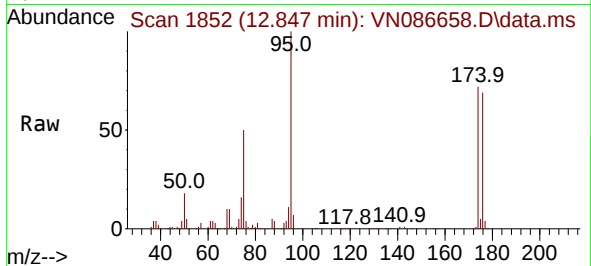




#62
4-Bromofluorobenzene
Concen: 47.913 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

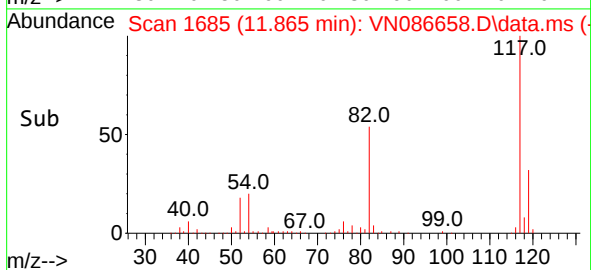
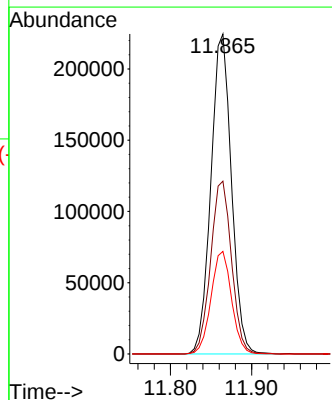
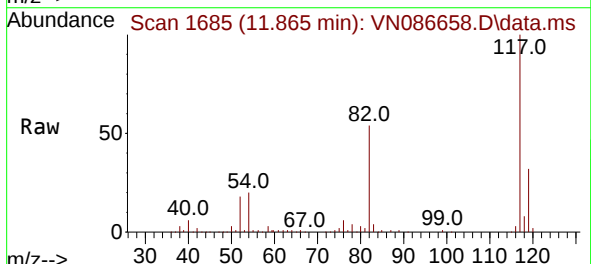
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GELDL

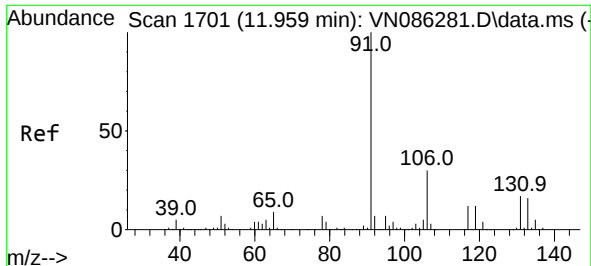
Tgt Ion: 95 Resp: 175687
Ion Ratio Lower Upper
95 100
174 72.7 0.0 133.4
176 70.2 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

Tgt Ion: 117 Resp: 393725
Ion Ratio Lower Upper
117 100
82 54.0 44.7 67.1
119 32.1 26.4 39.6





#67

Ethyl Benzene

Concen: 3.415 ug/l

RT: 11.959 min Scan# 1701

Delta R.T. -0.000 min

Lab File: VN086658.D

Acq: 15 May 2025 20:25

Instrument :

MSVOA_N

ClientSampleId :

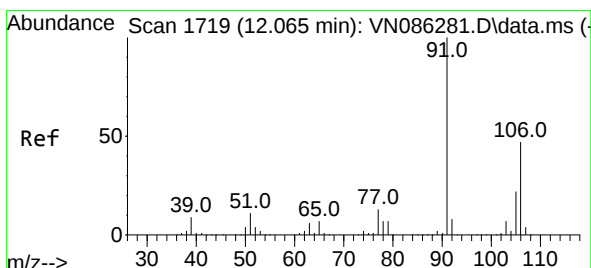
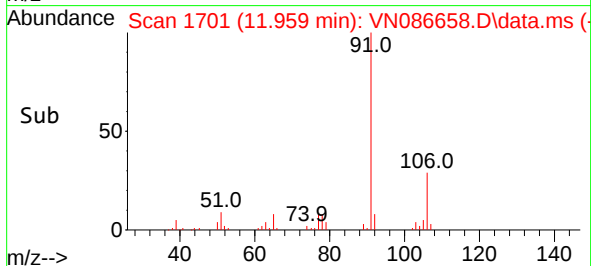
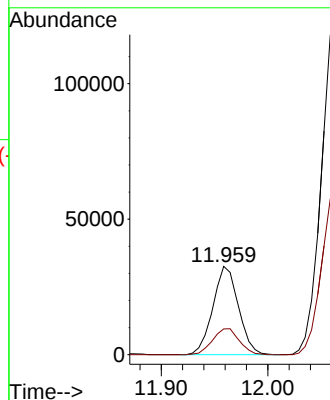
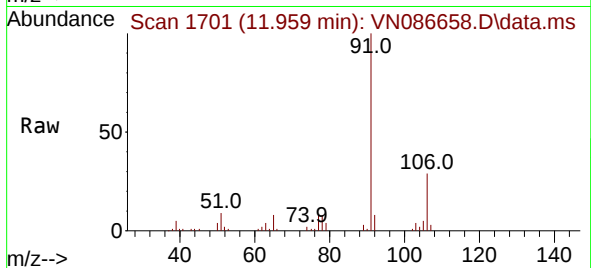
SILICA-GELDL

Tgt Ion: 91 Resp: 54150

Ion Ratio Lower Upper

91 100

106 29.1 24.3 36.5



#68

m/p-Xylenes

Concen: 19.107 ug/l

RT: 12.065 min Scan# 1719

Delta R.T. -0.000 min

Lab File: VN086658.D

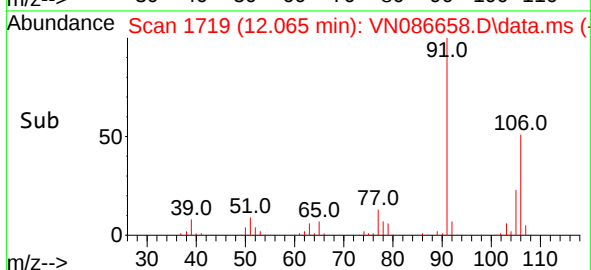
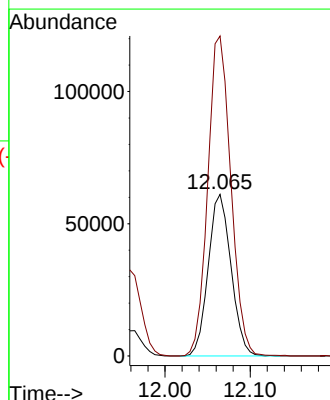
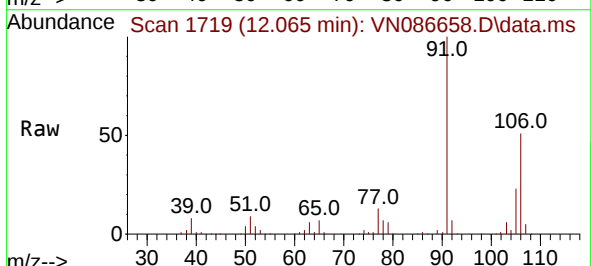
Acq: 15 May 2025 20:25

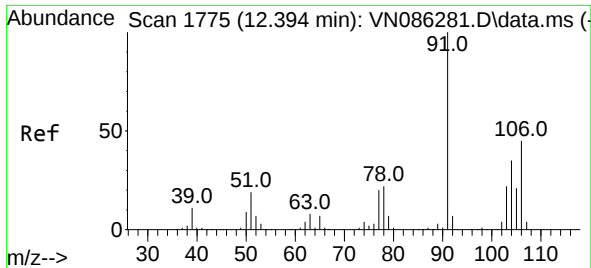
Tgt Ion:106 Resp: 113517

Ion Ratio Lower Upper

106 100

91 200.6 166.5 249.7

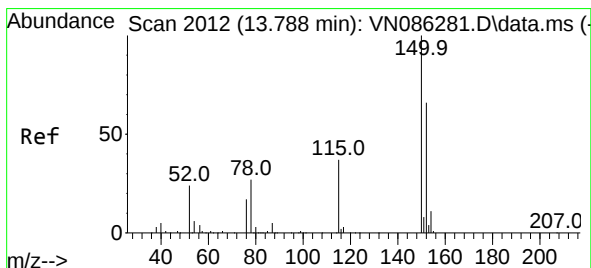
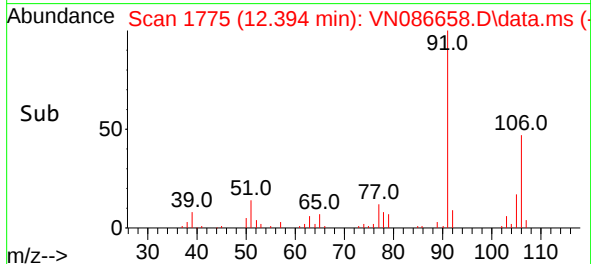
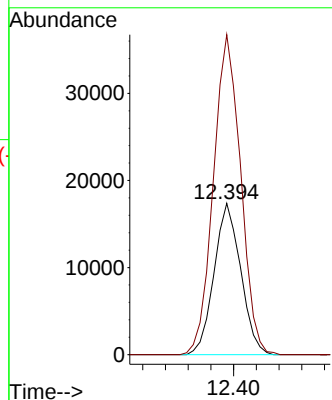
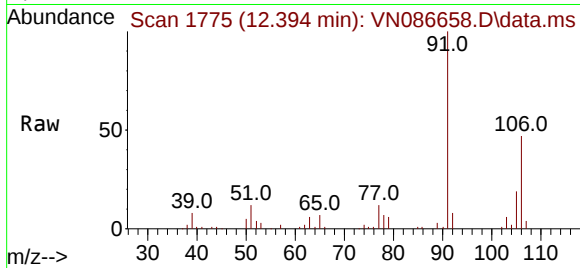




#69
o-Xylene
Concen: 4.813 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

Instrument :
MSVOA_N
ClientSampleId :
SILICA-GELDL

Tgt Ion:106 Resp: 28280
Ion Ratio Lower Upper
106 100
91 216.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086658.D
Acq: 15 May 2025 20:25

Tgt Ion:152 Resp: 174812
Ion Ratio Lower Upper
152 100
115 61.1 31.9 95.9
150 159.1 0.0 352.0

