

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050625\
 Data File : VN086522.D
 Acq On : 06 May 2025 18:12
 Operator : JC\MD
 Sample : Q1966-03 100X
 Misc : 1.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SILICA-GEL

Quant Time: May 07 02:57:40 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)

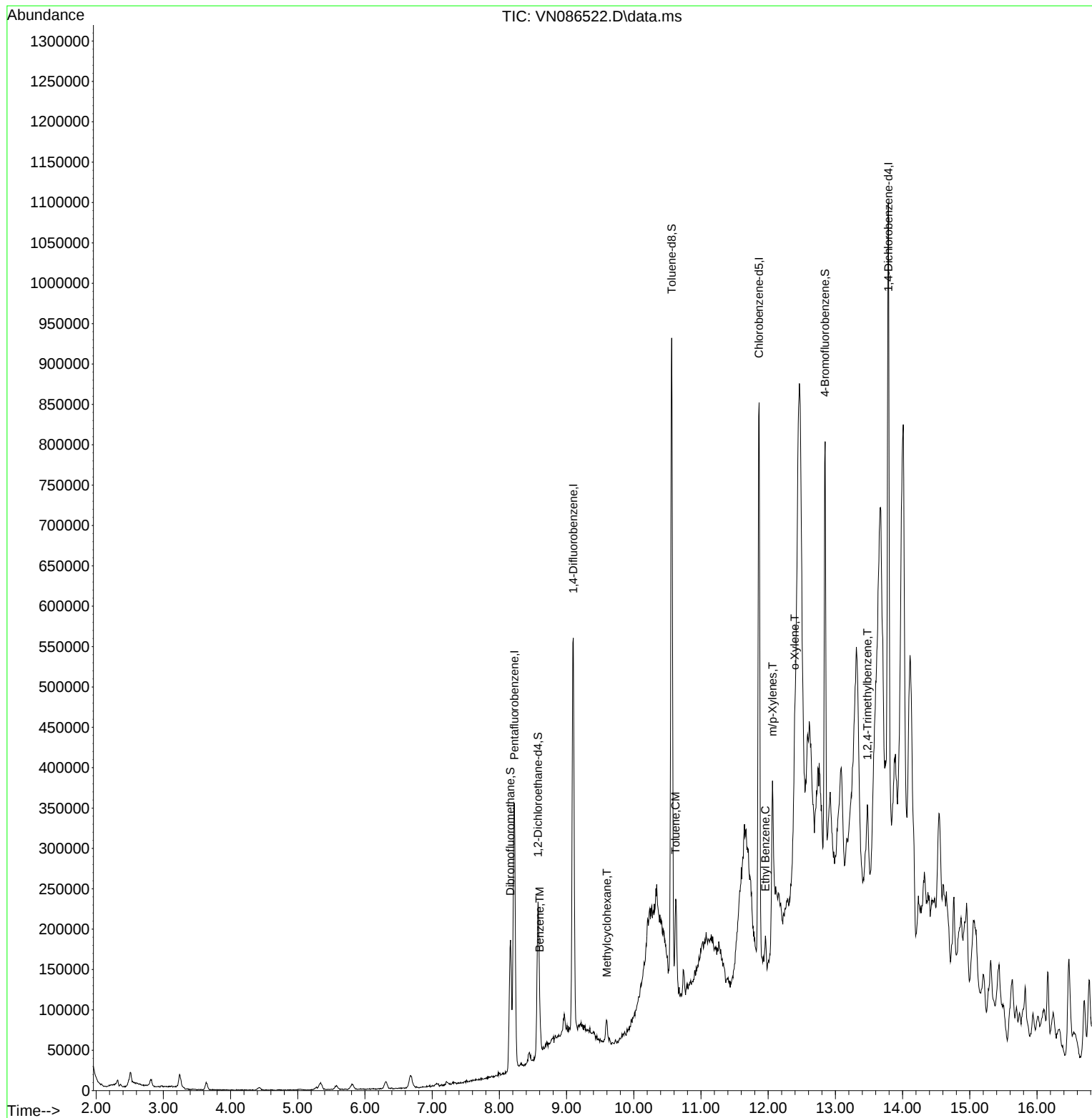
Internal Standards						
1) Pentafluorobenzene	8.224	168	246769	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	450161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	432129	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	198798	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	154064	43.054	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.100%
35) Dibromofluoromethane	8.165	113	124171	59.433	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	118.860%
50) Toluene-d8	10.565	98	569842	51.034	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.060%
62) 4-Bromofluorobenzene	12.847	95	222660	54.671	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	109.340%
Target Compounds						
					Qvalue	
39) Methylcyclohexane	9.600	83	13253	2.672	ug/l #	84
40) Benzene	8.600	78	29617	2.215	ug/l	99
52) Toluene	10.623	92	52905	6.342	ug/l	97
67) Ethyl Benzene	11.959	91	24734	1.421	ug/l	95
68) m/p-Xylenes	12.065	106	55128	8.454	ug/l	95
69) o-Xylene	12.394	106	15101	2.342	ug/l	69
84) 1,2,4-Trimethylbenzene	13.476	105	31845	2.350	ug/l	73

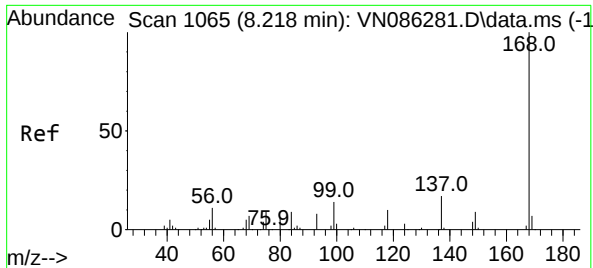
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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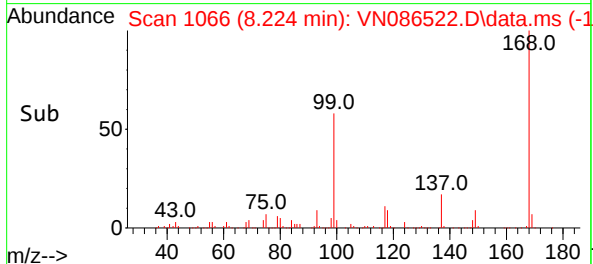
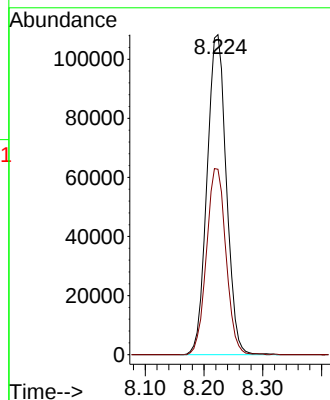
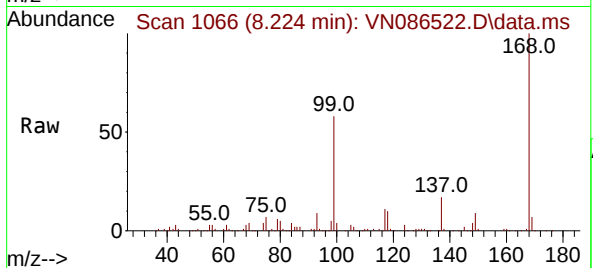




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

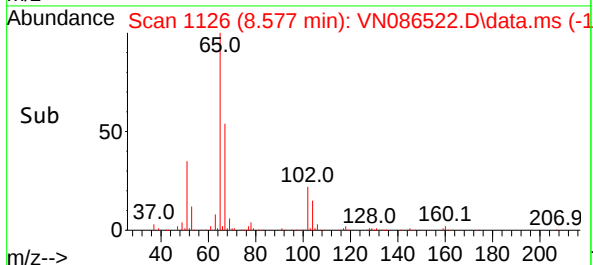
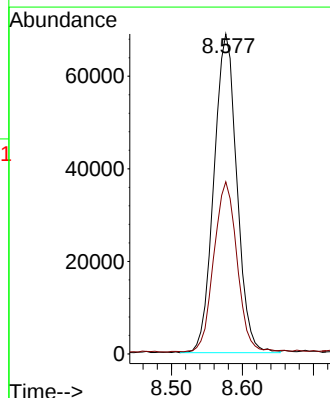
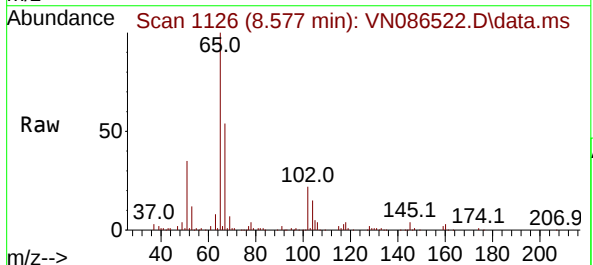
Instrument :
MSVOA_N
ClientSampleId :
SILICA-GEL

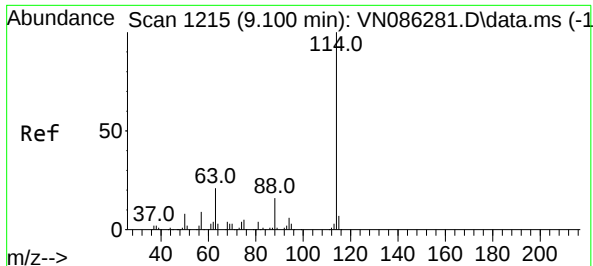
Tgt Ion:168 Resp: 246769
Ion Ratio Lower Upper
168 100
99 58.0 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 43.054 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion: 65 Resp: 154064
Ion Ratio Lower Upper
65 100
67 53.9 0.0 106.0

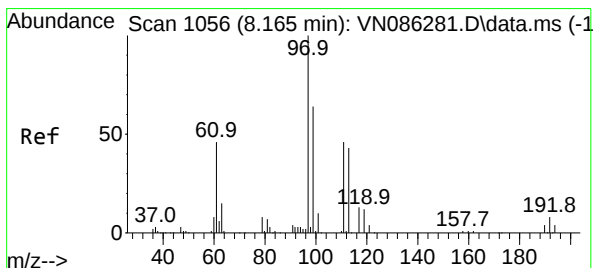
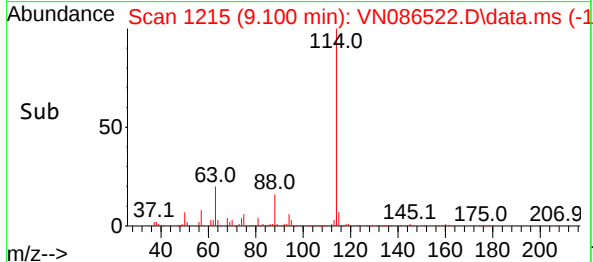
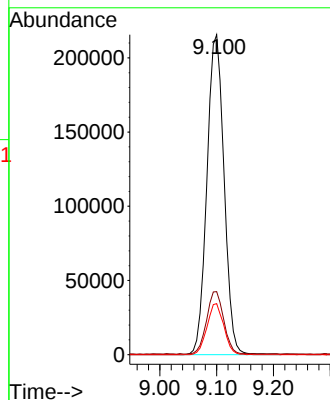
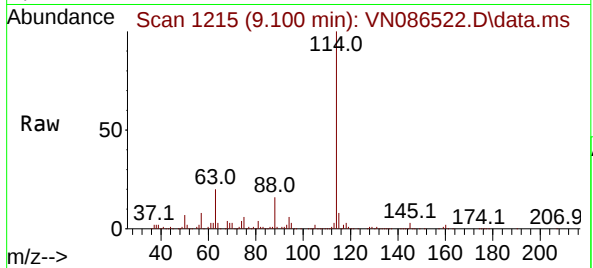




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

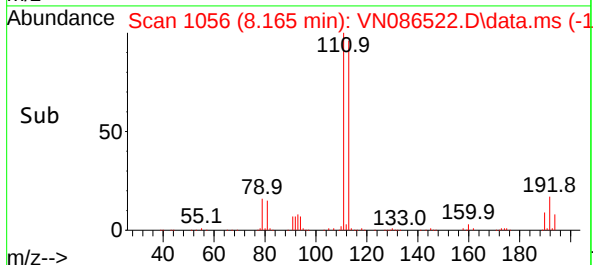
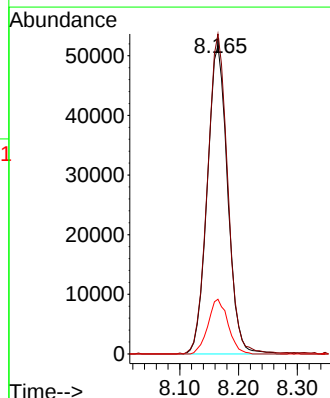
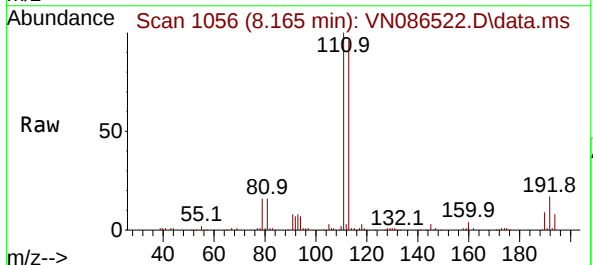
Instrument :
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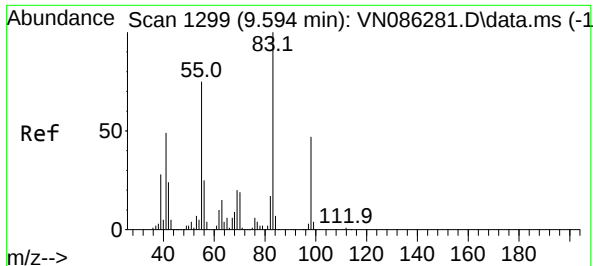
Tgt Ion:114 Resp: 450161
Ion Ratio Lower Upper
114 100
63 19.5 0.0 42.6
88 16.0 0.0 31.8



#35
Dibromofluoromethane
Concen: 59.433 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion:113 Resp: 124171
Ion Ratio Lower Upper
113 100
111 103.4 83.4 125.0
192 17.5 13.7 20.5





#39

Methylcyclohexane

Concen: 2.672 ug/l

RT: 9.600 min Scan# 1130

Delta R.T. 0.006 min

Lab File: VN086522.D

Acq: 06 May 2025 18:12

Instrument :

MSVOA_N

ClientSampleId :

SILICA-GEL

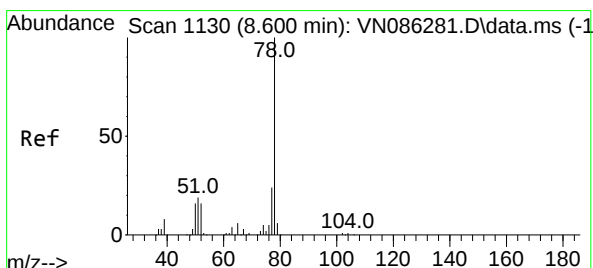
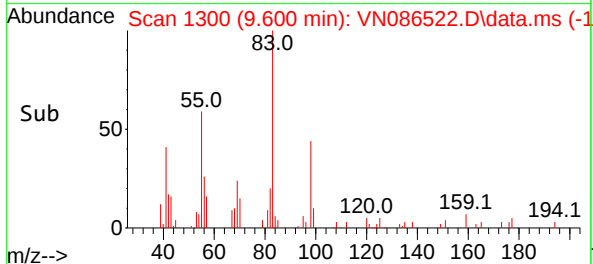
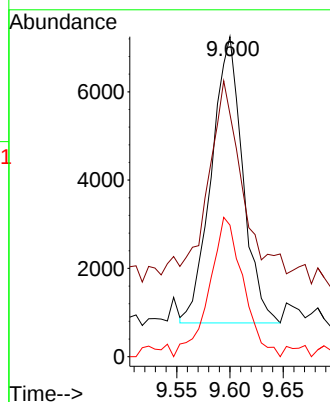
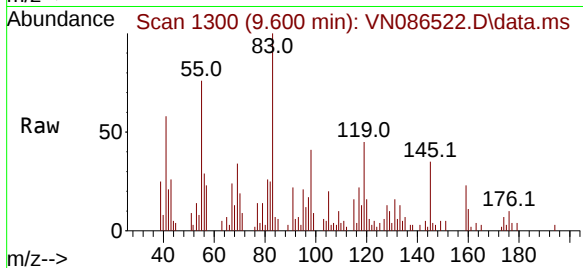
Tgt Ion: 83 Resp: 13253

Ion Ratio Lower Upper

83 100

55 53.2 59.8 89.8#

98 46.0 37.9 56.9



#40

Benzene

Concen: 2.215 ug/l

RT: 8.600 min Scan# 1130

Delta R.T. -0.000 min

Lab File: VN086522.D

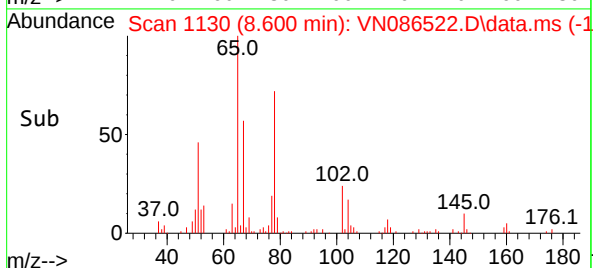
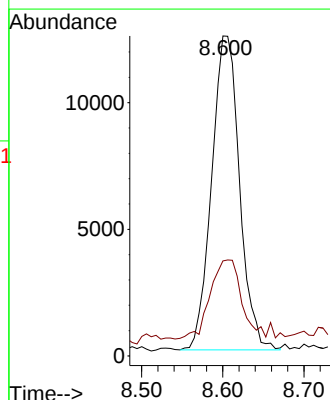
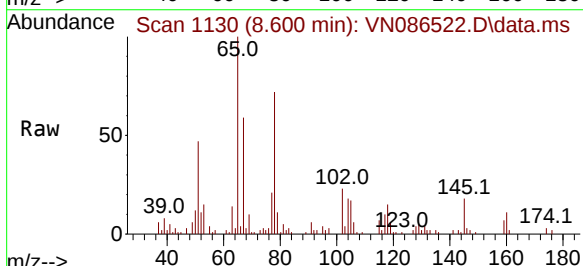
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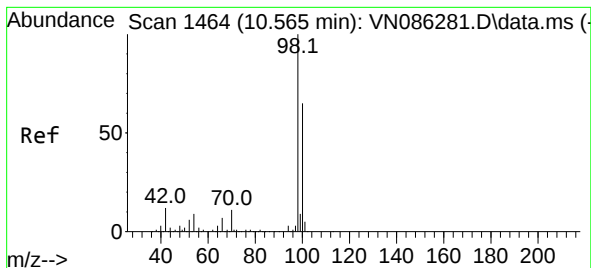
Tgt Ion: 78 Resp: 29617

Ion Ratio Lower Upper

78 100

77 24.7 19.4 29.2

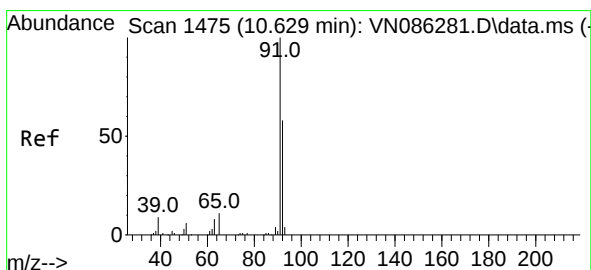
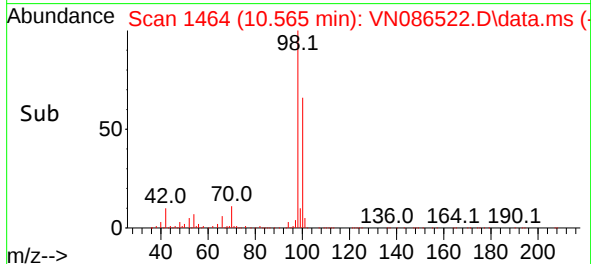
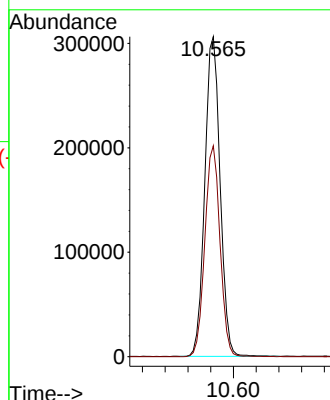
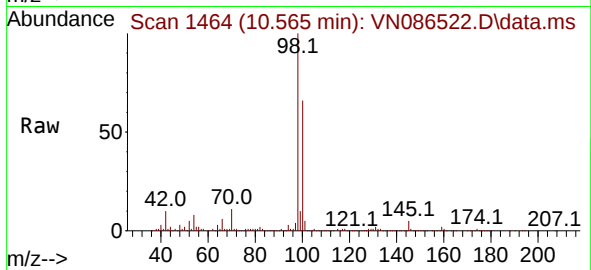




#50
Toluene-d8
Concen: 51.034 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

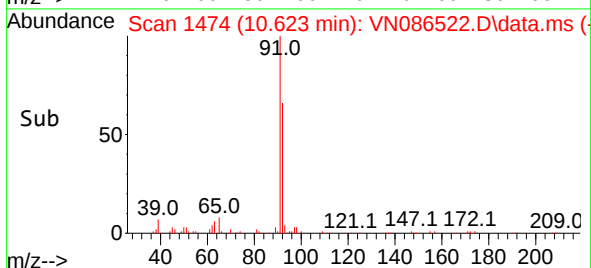
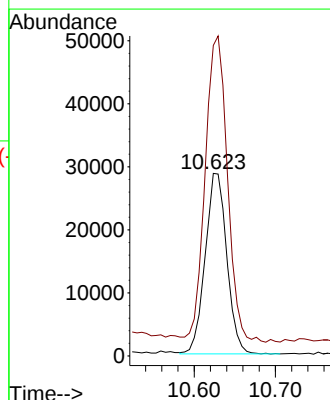
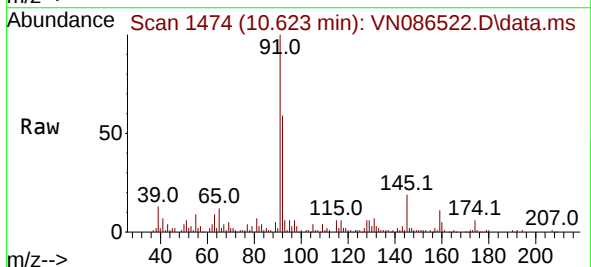
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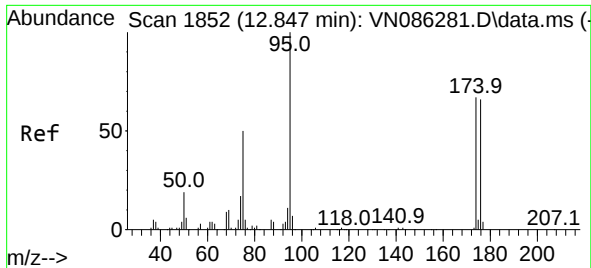
Tgt Ion: 98 Resp: 569842
Ion Ratio Lower Upper
98 100
100 65.5 52.5 78.7



#52
Toluene
Concen: 6.342 ug/l
RT: 10.623 min Scan# 1474
Delta R.T. -0.006 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion: 92 Resp: 52905
Ion Ratio Lower Upper
92 100
91 175.2 137.3 205.9

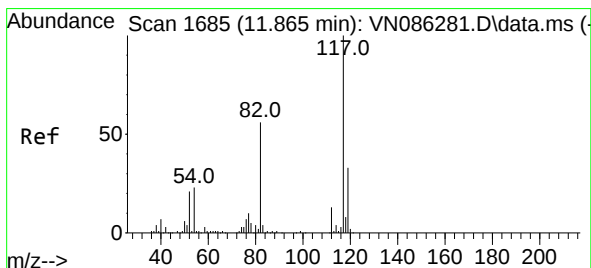
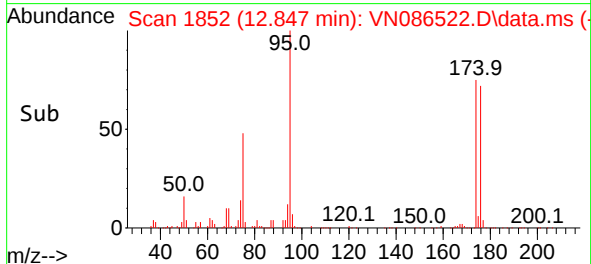
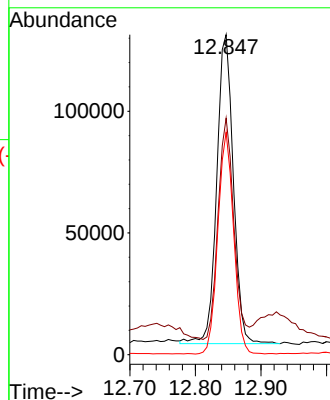
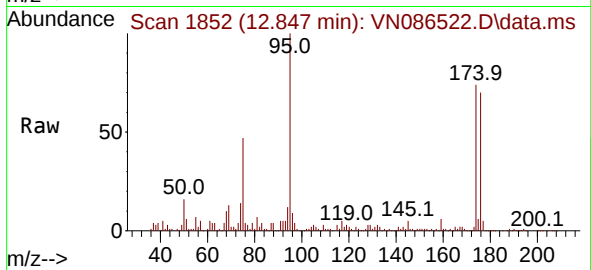




#62
4-Bromofluorobenzene
Concen: 54.671 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

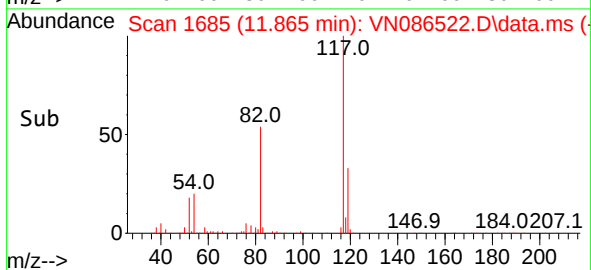
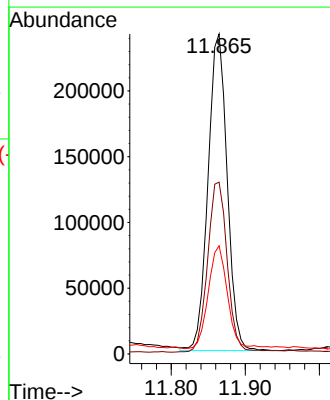
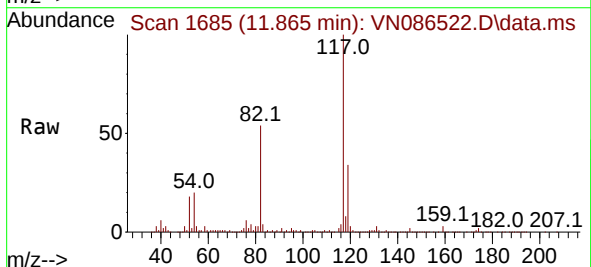
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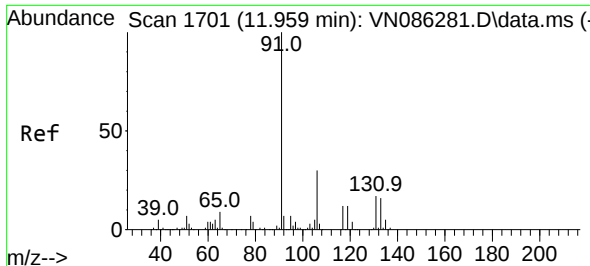
Tgt Ion: 95 Resp: 222660
Ion Ratio Lower Upper
95 100
174 72.2 0.0 133.4
176 68.1 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion: 117 Resp: 432129
Ion Ratio Lower Upper
117 100
82 53.6 44.7 67.1
119 32.2 26.4 39.6

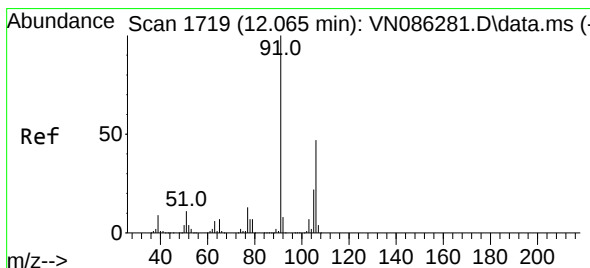
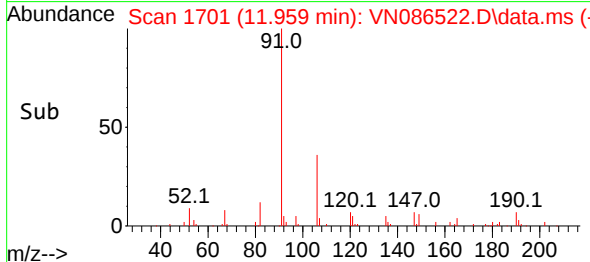
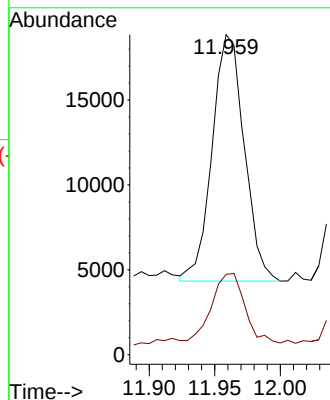
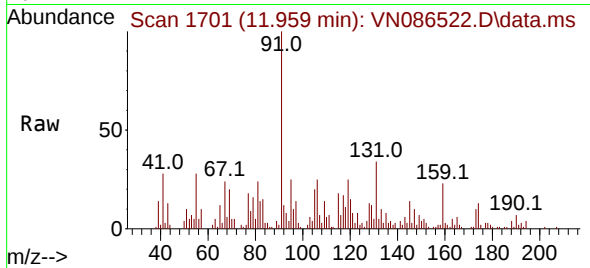




#67
Ethyl Benzene
Concen: 1.421 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

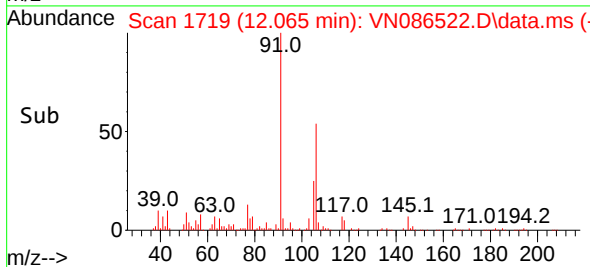
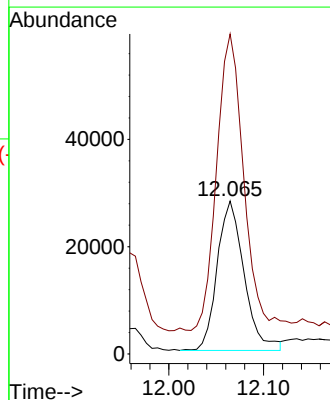
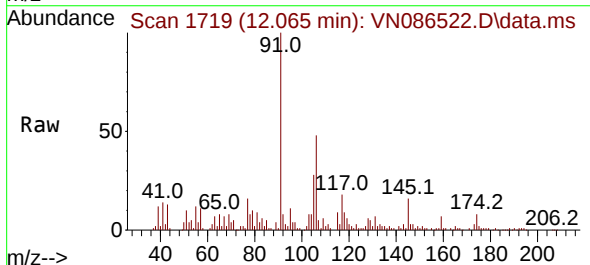
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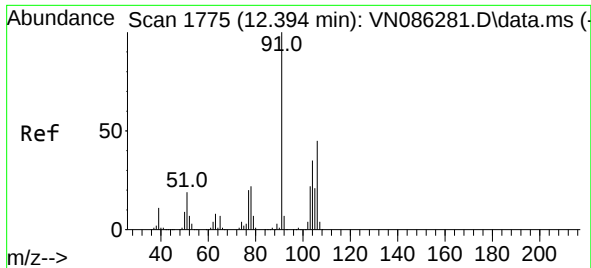
Tgt Ion: 91 Resp: 24734
Ion Ratio Lower Upper
91 100
106 27.8 24.3 36.5



#68
m/p-Xylenes
Concen: 8.454 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion:106 Resp: 55128
Ion Ratio Lower Upper
106 100
91 200.4 166.5 249.7

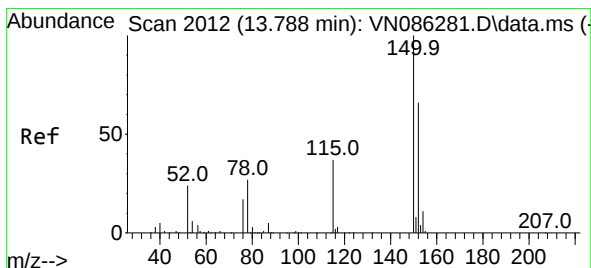
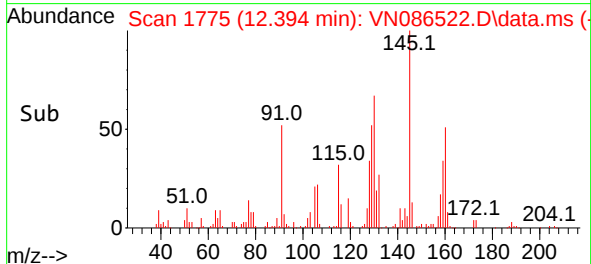
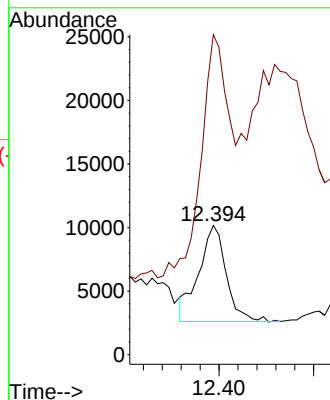
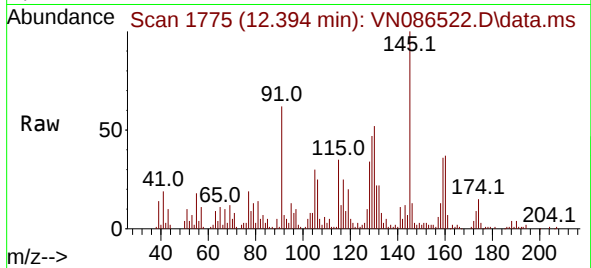




#69
o-Xylene
Concen: 2.342 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

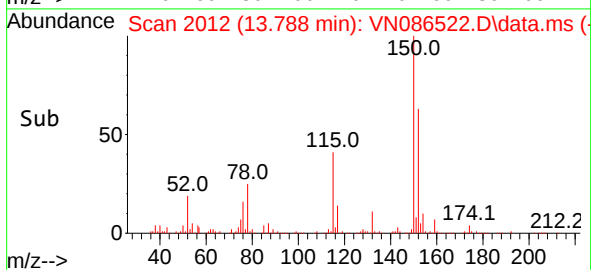
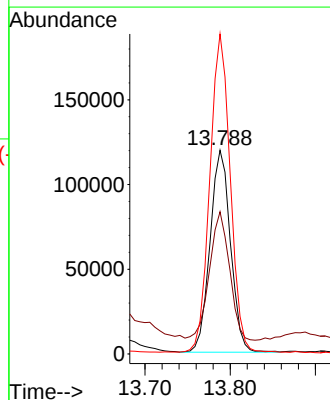
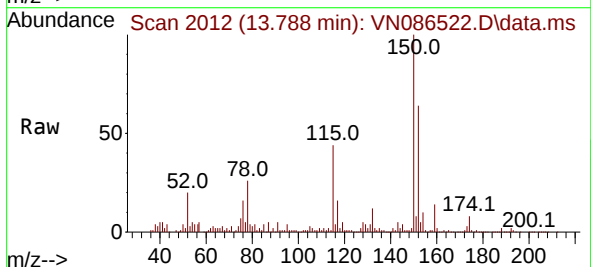
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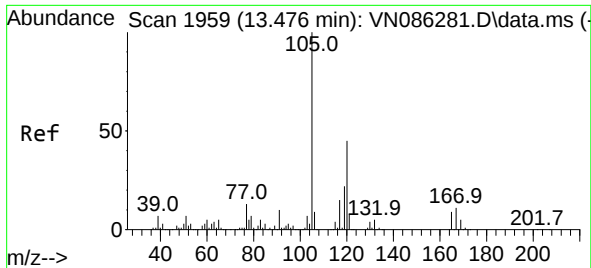
Tgt Ion:106 Resp: 15101
Ion Ratio Lower Upper
106 100
91 268.4 109.7 329.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086522.D
Acq: 06 May 2025 18:12

Tgt Ion:152 Resp: 198798
Ion Ratio Lower Upper
152 100
115 63.2 31.9 95.9
150 156.9 0.0 352.0





#84
 1,2,4-Trimethylbenzene
 Concen: 2.350 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086522.D
 Acq: 06 May 2025 18:12

Instrument :
 MSVOA_N
 ClientSampleId :
 SILICA-GEL

Tgt Ion:105 Resp: 31845
 Ion Ratio Lower Upper
 105 100
 120 62.5 22.4 67.3

