

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN041725\
 Data File : VN086324.D
 Acq On : 17 Apr 2025 16:06
 Operator : JC\MD
 Sample : Q1818-01DL 10X
 Misc : 1.14g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 3822DL

Quant Time: Apr 18 01:32:31 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)

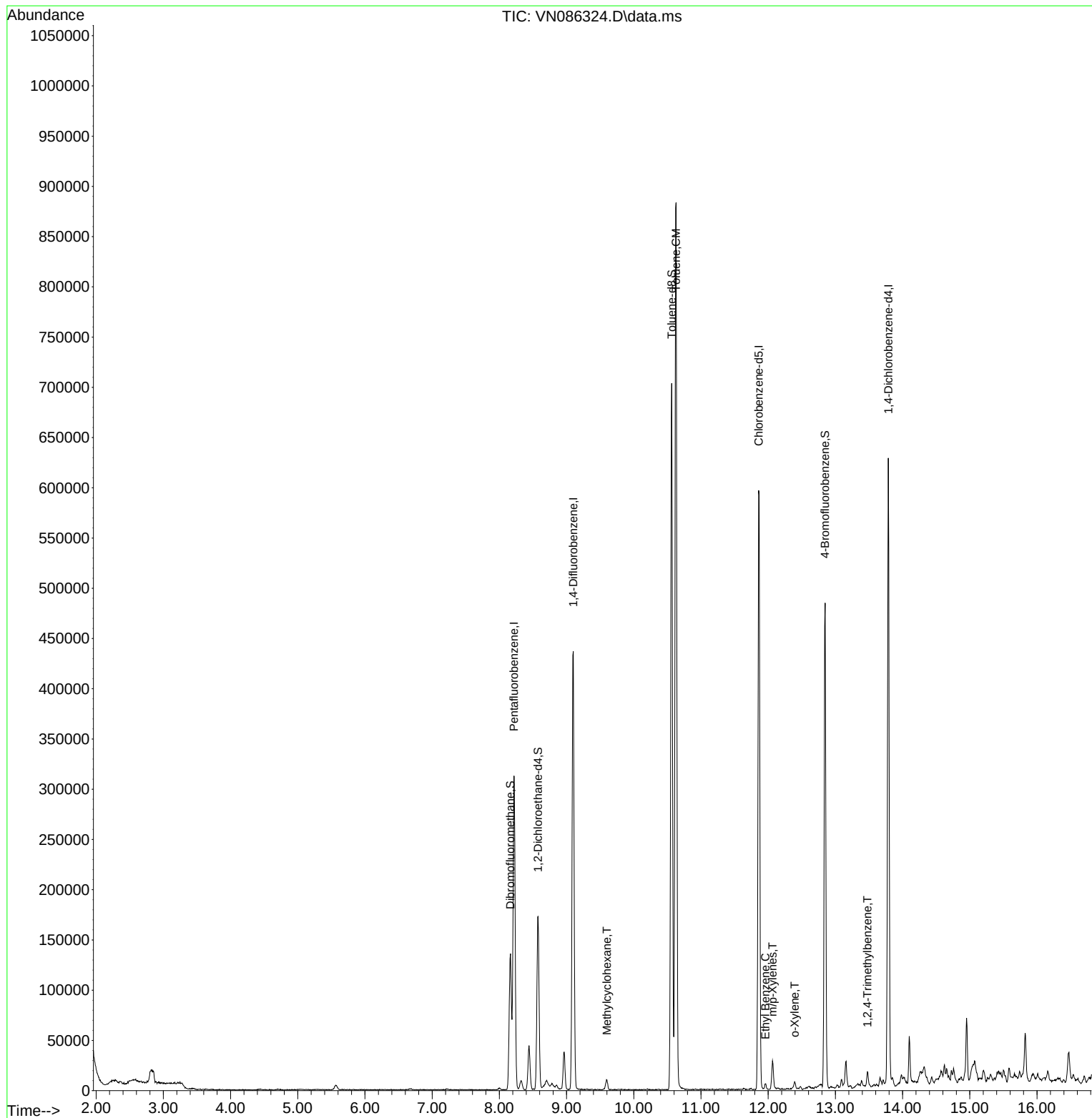
Internal Standards						
1) Pentafluorobenzene	8.218	168	201843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	389459	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	358086	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	162964	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	145270	49.633	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 99.260%			
35) Dibromofluoromethane	8.165	113	101768	56.302	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 112.600%			
50) Toluene-d8	10.565	98	491426	50.871	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.740%			
62) 4-Bromofluorobenzene	12.847	95	181993	51.651	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 103.300%			
Target Compounds						Qvalue
39) Methylcyclohexane	9.600	83	4438	1.034	ug/l	90
52) Toluene	10.629	92	402199	55.725	ug/l	98
67) Ethyl Benzene	11.959	91	4941	0.343	ug/l	92
68) m/p-Xylenes	12.065	106	7213	1.335	ug/l	96
69) o-Xylene	12.394	106	1877	0.351	ug/l	77
84) 1,2,4-Trimethylbenzene	13.476	105	10058	0.906	ug/l	95

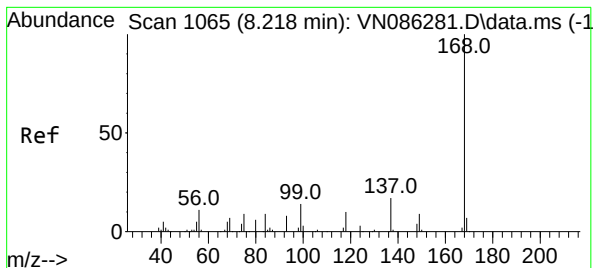
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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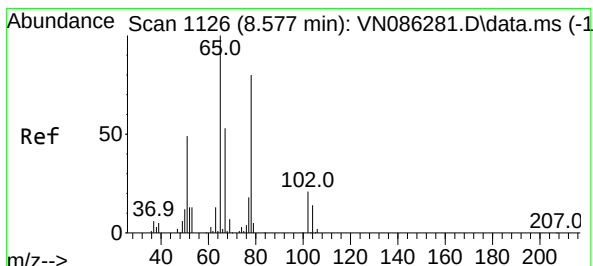
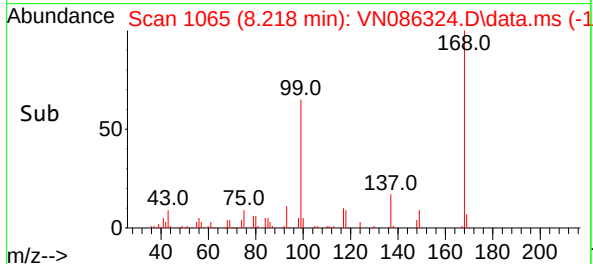
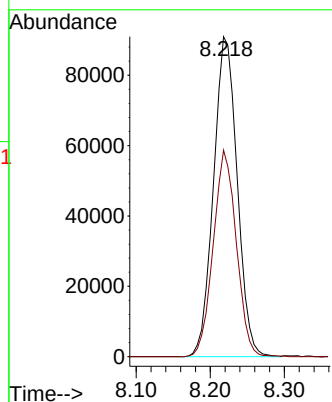
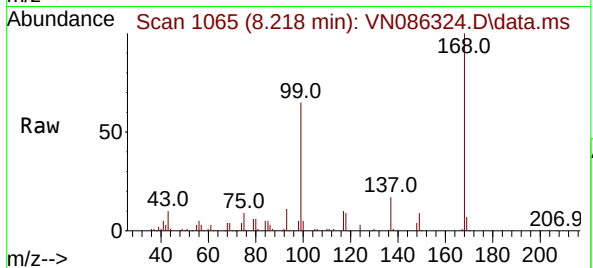




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

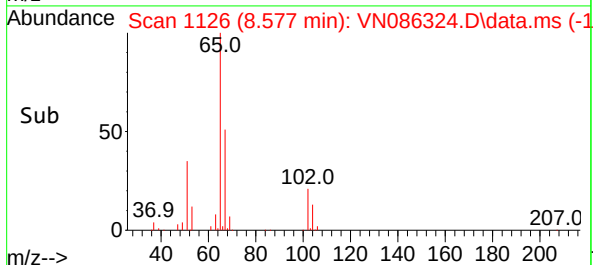
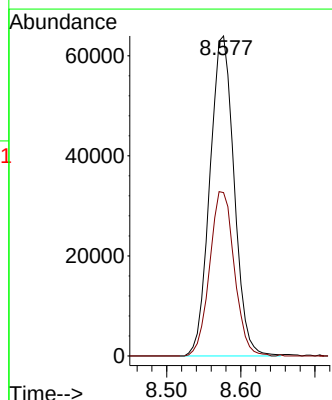
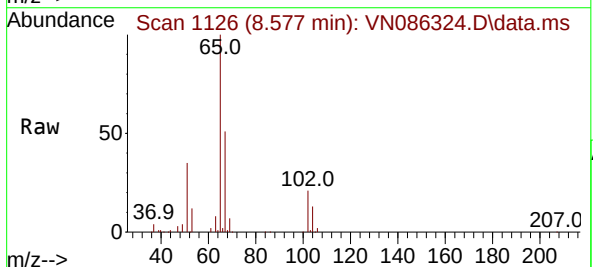
Instrument :
MSVOA_N
ClientSampleId :
3822DL

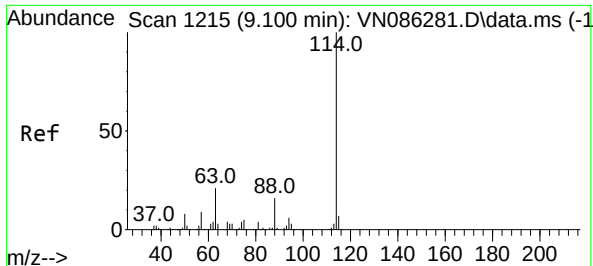
Tgt Ion:168 Resp: 201843
Ion Ratio Lower Upper
168 100
99 64.5 52.5 78.7



#33
1,2-Dichloroethane-d4
Concen: 49.633 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

Tgt Ion: 65 Resp: 145270
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.0

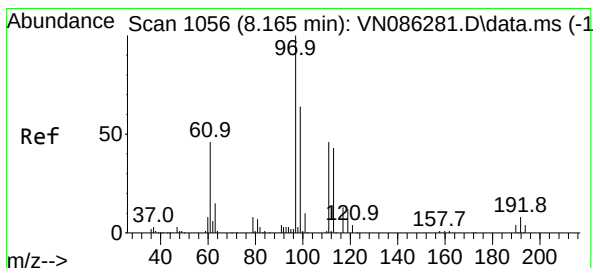
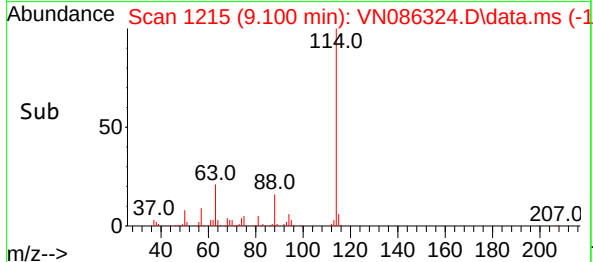
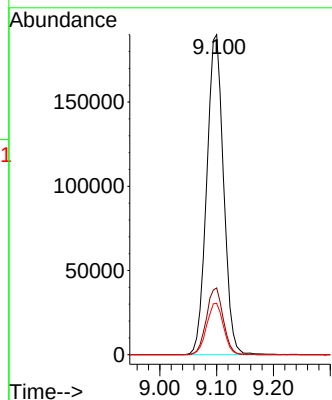
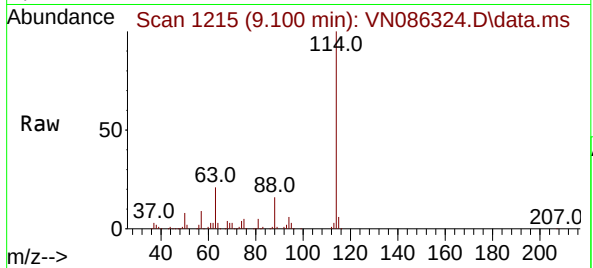




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

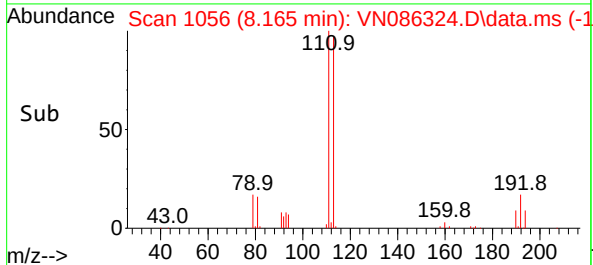
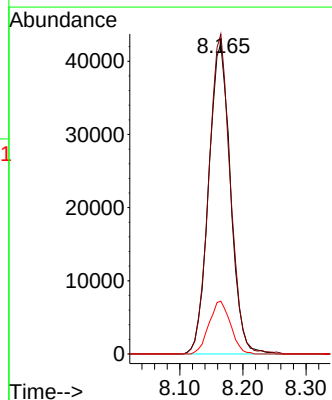
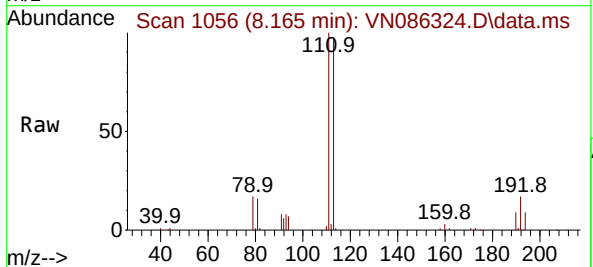
Instrument :
MSVOA_N
ClientSampleId :
3822DL

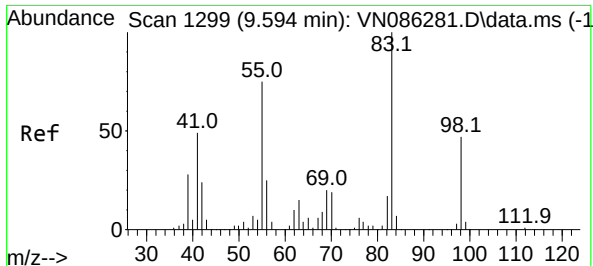
Tgt Ion:114 Resp: 389459
Ion Ratio Lower Upper
114 100
63 20.8 0.0 42.6
88 16.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 56.302 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

Tgt Ion:113 Resp: 101768
Ion Ratio Lower Upper
113 100
111 101.6 83.4 125.0
192 16.7 13.7 20.5





#39

Methylcyclohexane

Concen: 1.034 ug/l

RT: 9.600 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN086324.D

Acq: 17 Apr 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

3822DL

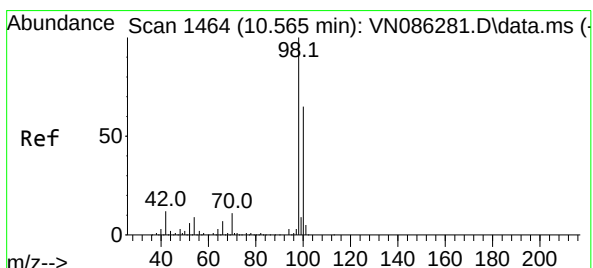
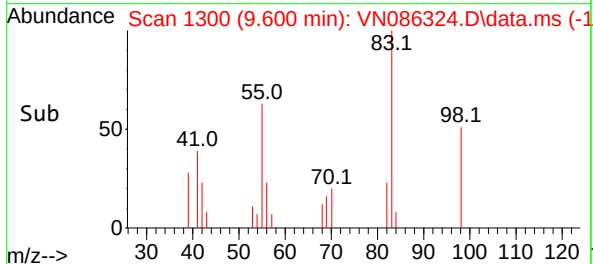
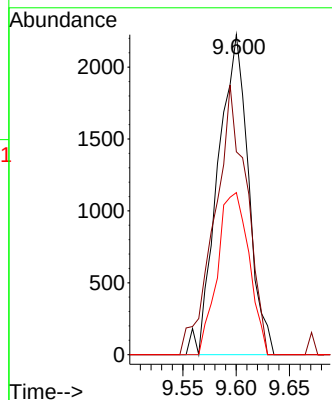
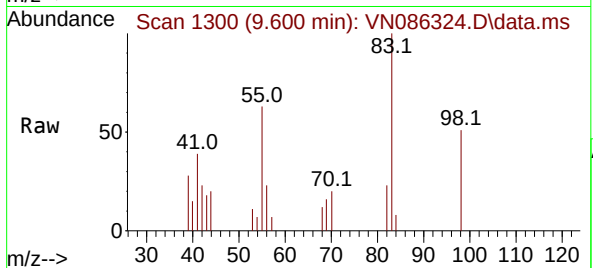
Tgt Ion: 83 Resp: 4438

Ion Ratio Lower Upper

83 100

55 63.4 59.8 89.8

98 50.6 37.9 56.9



#50

Toluene-d8

Concen: 50.871 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086324.D

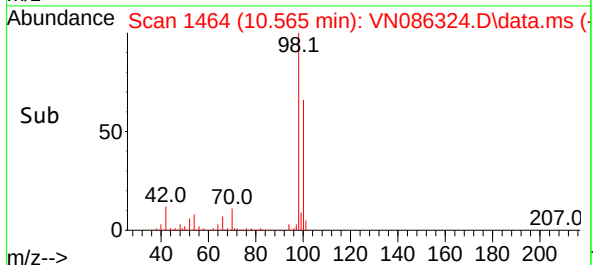
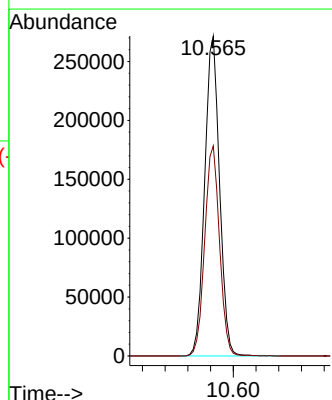
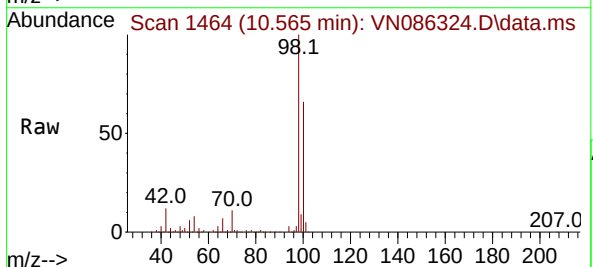
Acq: 17 Apr 2025 16:06

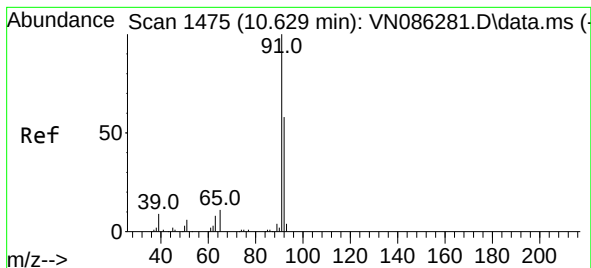
Tgt Ion: 98 Resp: 491426

Ion Ratio Lower Upper

98 100

100 65.5 52.5 78.7





#52

Toluene

Concen: 55.725 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.000 min

Lab File: VN086324.D

Acq: 17 Apr 2025 16:06

Instrument :

MSVOA_N

ClientSampleId :

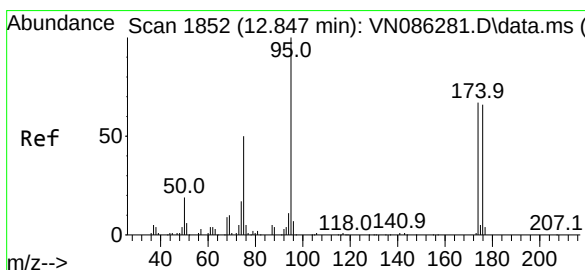
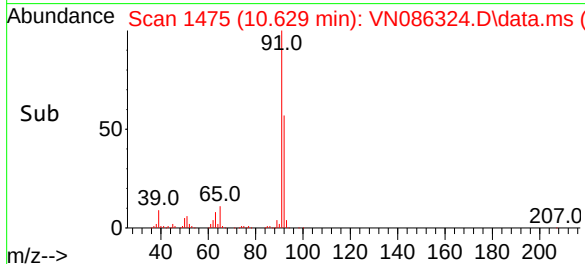
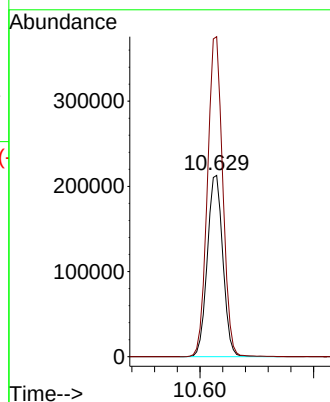
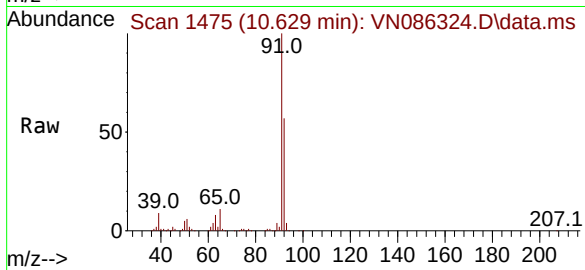
3822DL

Tgt Ion: 92 Resp: 402199

Ion Ratio Lower Upper

92 100

91 173.7 137.3 205.9



#62

4-Bromofluorobenzene

Concen: 51.651 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.000 min

Lab File: VN086324.D

Acq: 17 Apr 2025 16:06

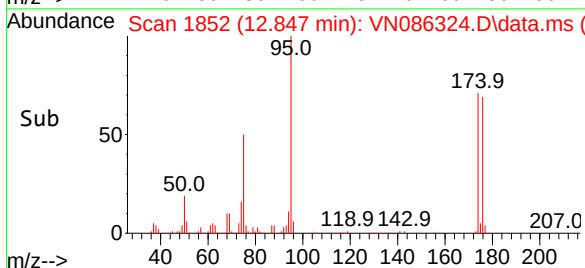
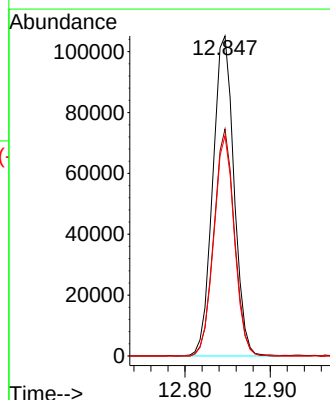
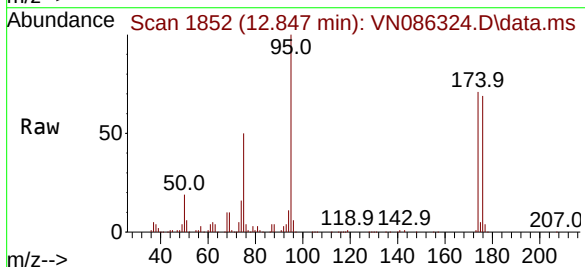
Tgt Ion: 95 Resp: 181993

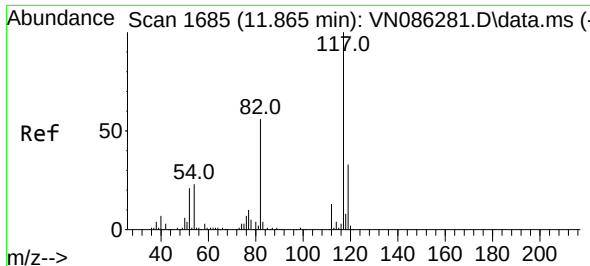
Ion Ratio Lower Upper

95 100

174 68.5 0.0 133.4

176 66.5 0.0 129.2

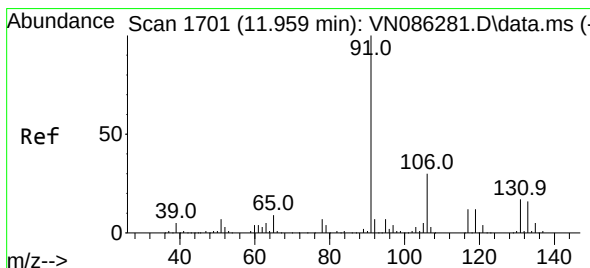
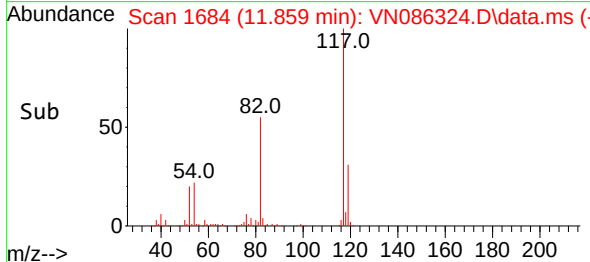
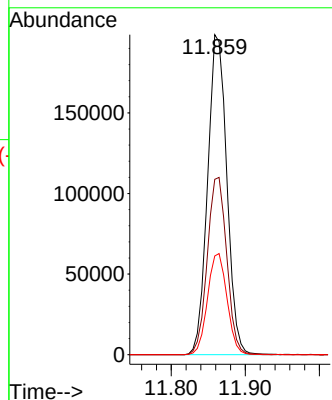
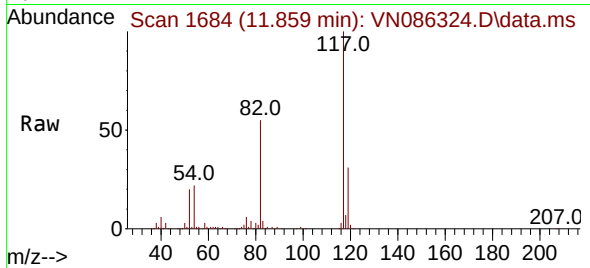




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1170
Delta R.T. -0.006 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

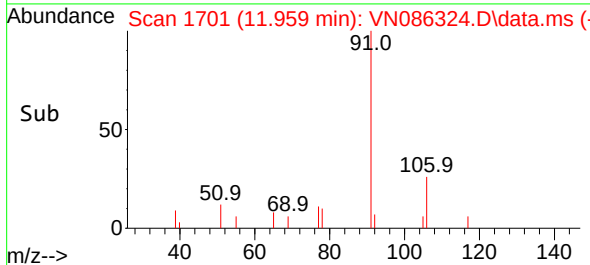
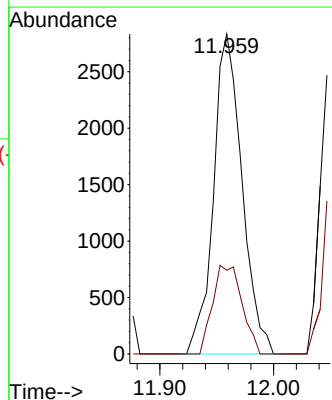
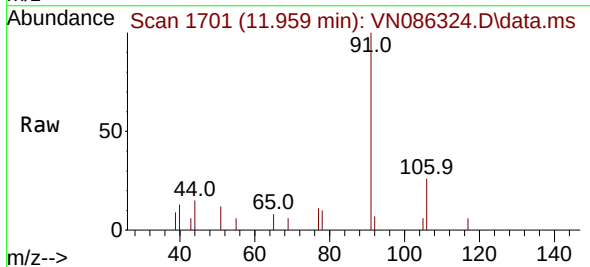
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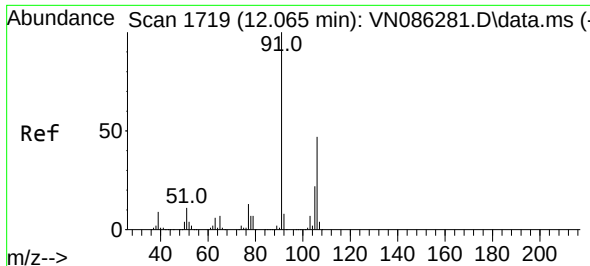
Tgt Ion:117 Resp: 358086
Ion Ratio Lower Upper
117 100
82 54.8 44.7 67.1
119 30.9 26.4 39.6



#67
Ethyl Benzene
Concen: 0.343 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

Tgt Ion: 91 Resp: 4941
Ion Ratio Lower Upper
91 100
106 26.2 24.3 36.5

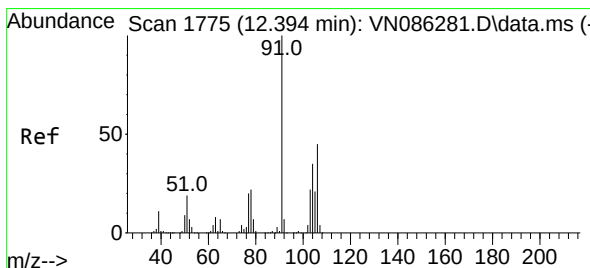
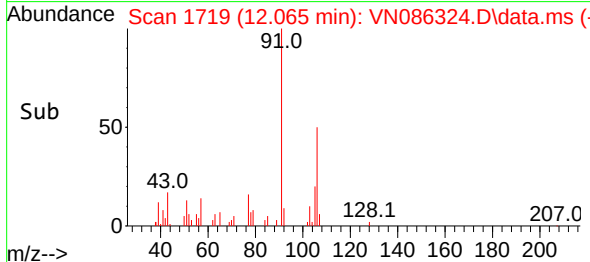
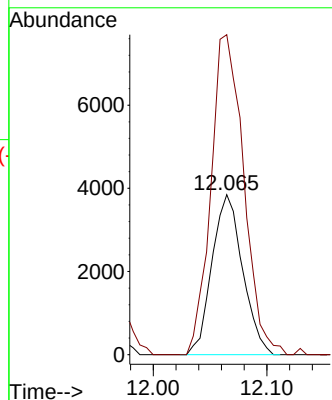
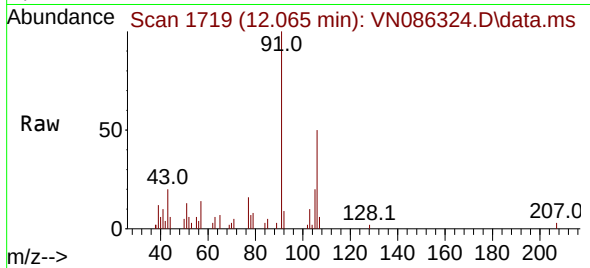




#68
m/p-Xylenes
Concen: 1.335 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

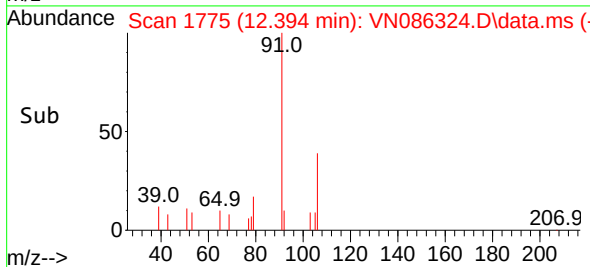
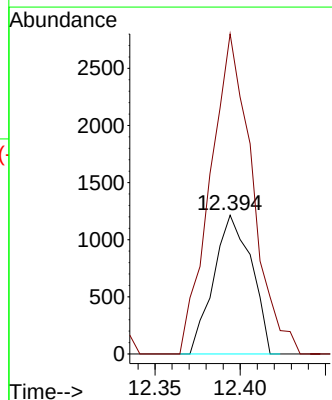
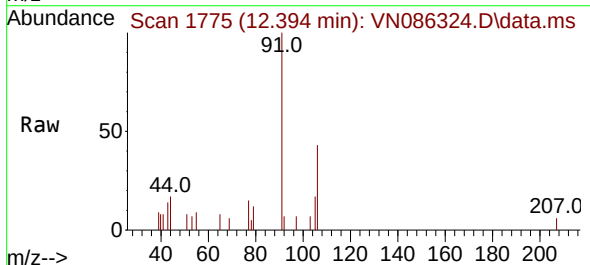
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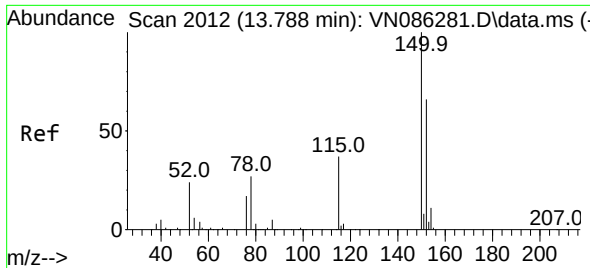
Tgt Ion:106 Resp: 7213
Ion Ratio Lower Upper
106 100
91 214.1 166.5 249.7



#69
o-Xylene
Concen: 0.351 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086324.D
Acq: 17 Apr 2025 16:06

Tgt Ion:106 Resp: 1877
Ion Ratio Lower Upper
106 100
91 255.5 109.7 329.0

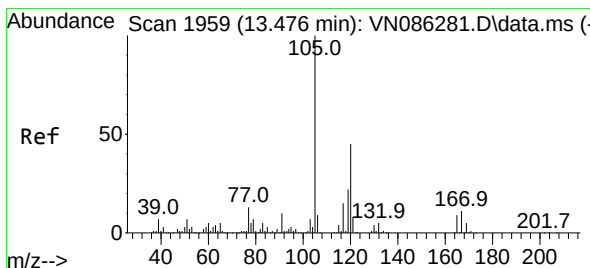
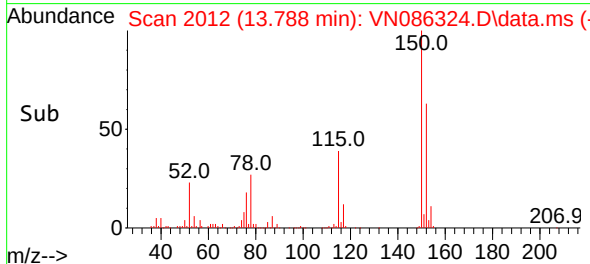
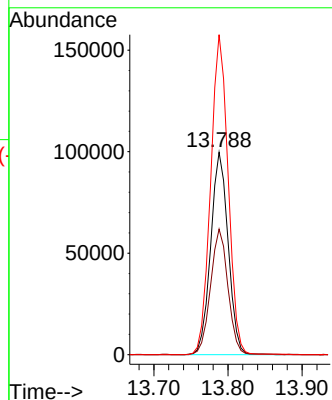
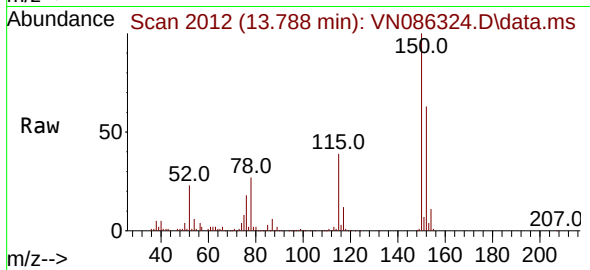




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN086324.D
 Acq: 17 Apr 2025 16:06

Instrument :
 MSVOA_N
 ClientSampleId :
 3822DL

Tgt Ion:152 Resp: 162964
 Ion Ratio Lower Upper
 152 100
 115 62.2 31.9 95.9
 150 158.1 0.0 352.0



#84
 1,2,4-Trimethylbenzene
 Concen: 0.906 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086324.D
 Acq: 17 Apr 2025 16:06

Tgt Ion:105 Resp: 10058
 Ion Ratio Lower Upper
 105 100
 120 41.7 22.4 67.3

