

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086073.D
 Acq On : 24 Mar 2025 15:36
 Operator : JC\MD
 Sample : Q1598-01ME 200X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-354ME

Quant Time: Mar 25 01:25:13 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N031825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 19 03:20:56 2025
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

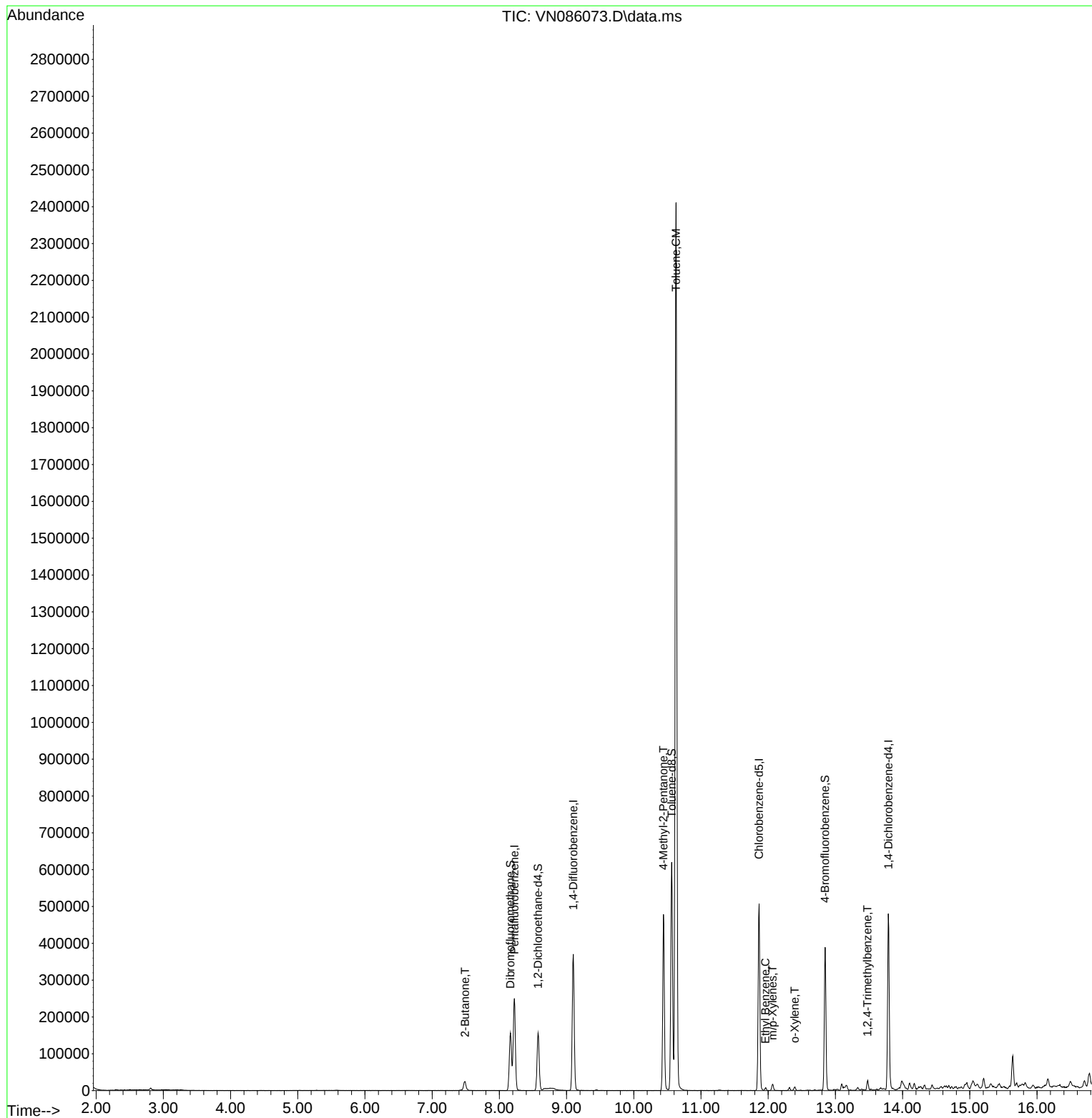
Internal Standards						
1) Pentafluorobenzene	8.224	168	180800	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	325749	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	301252	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	132673	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129611	52.352	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 104.700%			
35) Dibromofluoromethane	8.165	113	114418	50.323	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 100.640%			
50) Toluene-d8	10.565	98	444607	53.879	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 107.760%			
62) 4-Bromofluorobenzene	12.847	95	138550	47.080	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.160%			
Target Compounds						
						Qvalue
25) 2-Butanone	7.488	43	38434	35.215	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	285340	118.212	ug/l	97
52) Toluene	10.629	92	1123494	194.769	ug/l	99
67) Ethyl Benzene	11.959	91	6052	0.549	ug/l	95
68) m/p-Xylenes	12.065	106	5380	1.241	ug/l	92
69) o-Xylene	12.394	106	2888	0.726	ug/l	92
84) 1,2,4-Trimethylbenzene	13.476	105	15194	1.969	ug/l	95

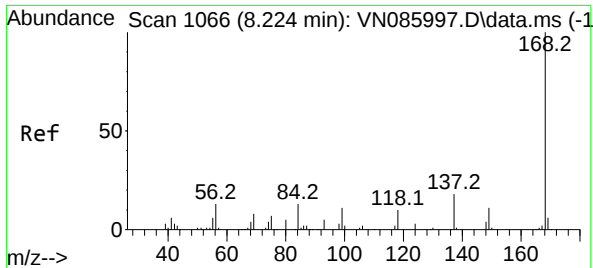
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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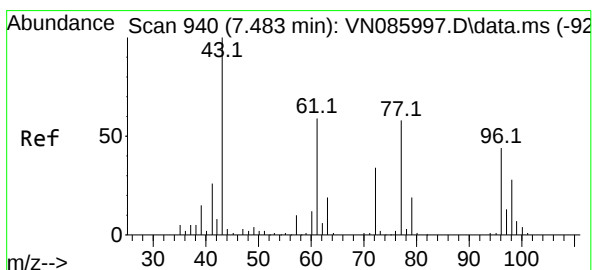
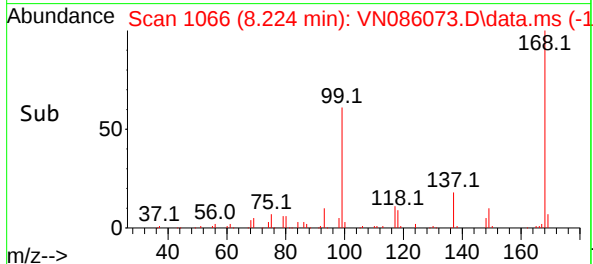
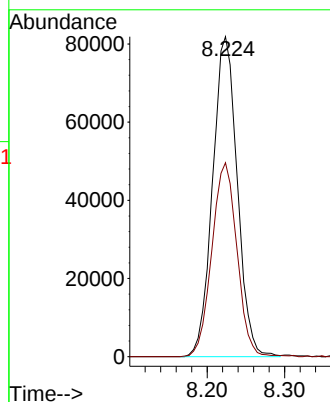
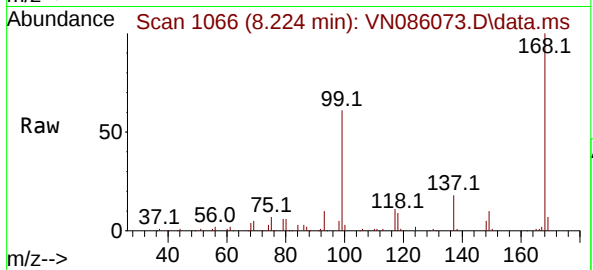




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

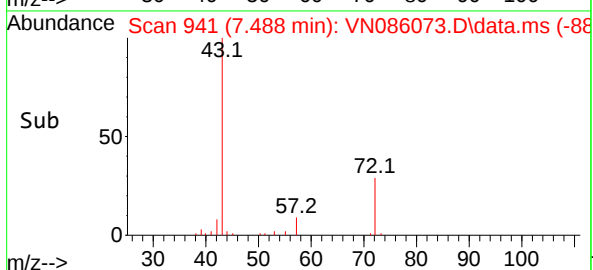
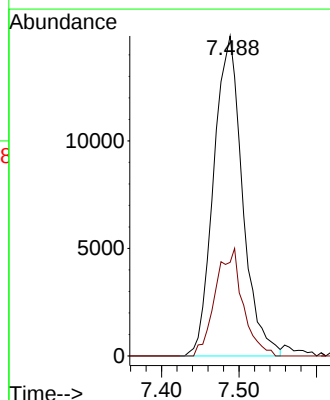
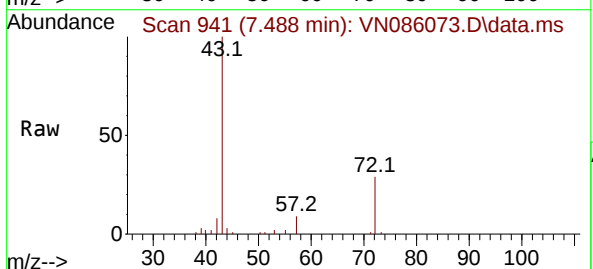
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

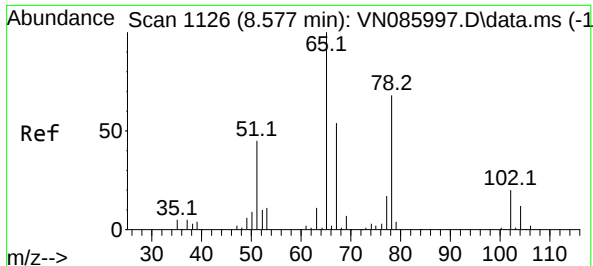
Tgt Ion:168 Resp: 180800
Ion Ratio Lower Upper
168 100
99 60.6 49.4 74.2



#25
2-Butanone
Concen: 35.215 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

Tgt Ion: 43 Resp: 38434
Ion Ratio Lower Upper
43 100
72 29.2 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 52.352 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086073.D

Acq: 24 Mar 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

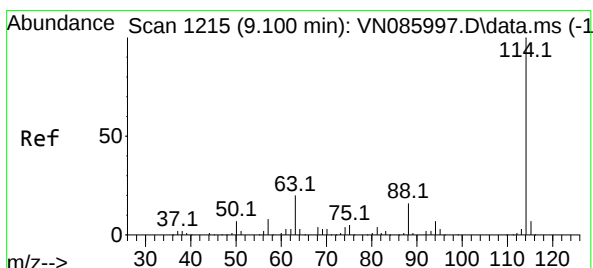
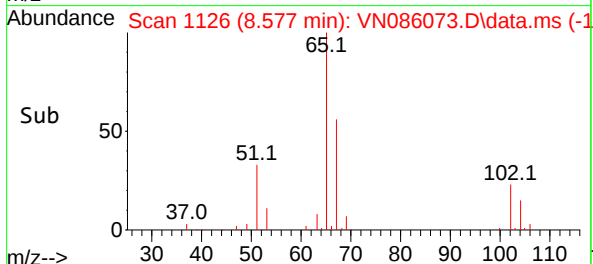
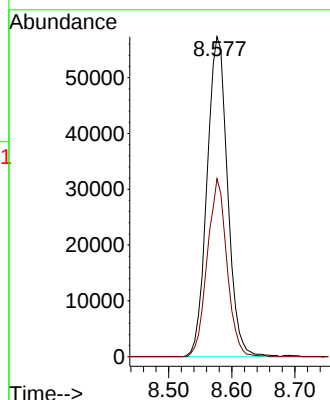
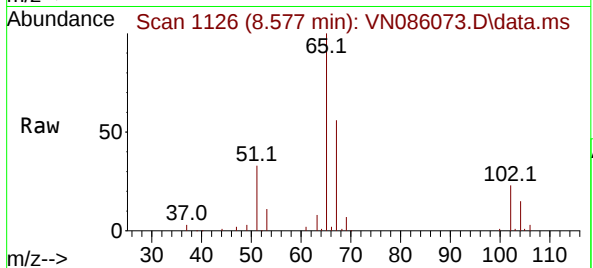
ETGI-354ME

Tgt Ion: 65 Resp: 129611

Ion Ratio Lower Upper

65 100

67 53.0 0.0 102.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. -0.000 min

Lab File: VN086073.D

Acq: 24 Mar 2025 15:36

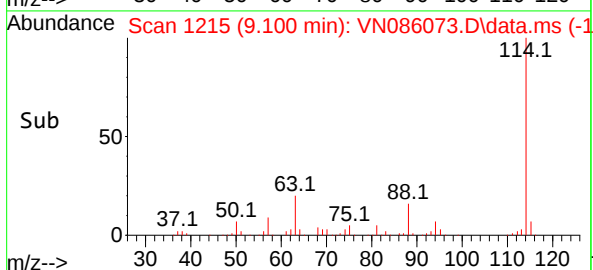
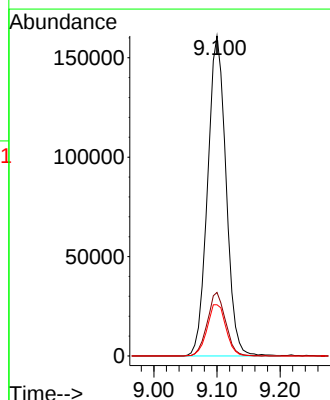
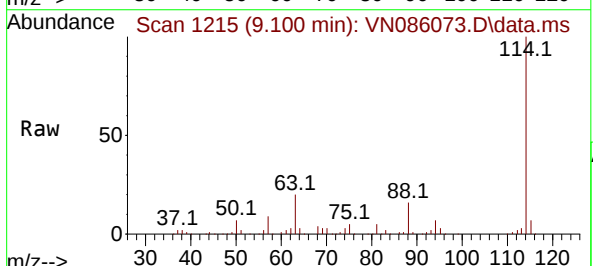
Tgt Ion: 114 Resp: 325749

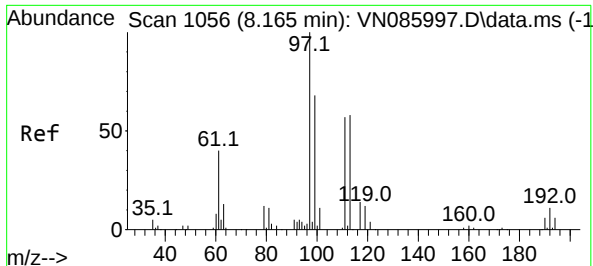
Ion Ratio Lower Upper

114 100

63 19.8 0.0 39.6

88 16.0 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.323 ug/l

RT: 8.165 min Scan# 113

Delta R.T. -0.000 min

Lab File: VN086073.D

Acq: 24 Mar 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

ETGI-354ME

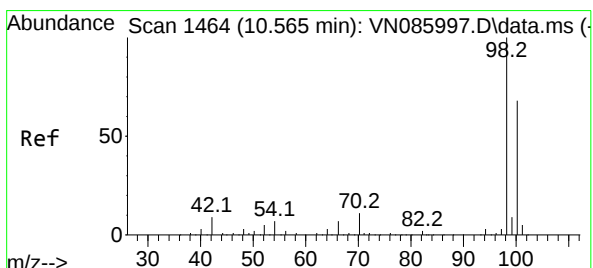
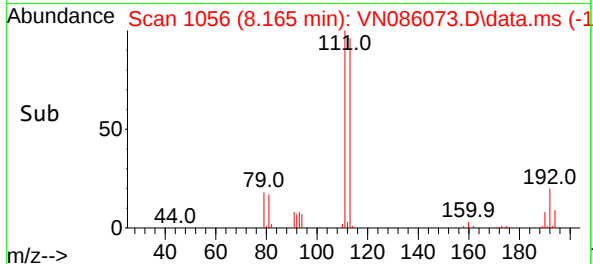
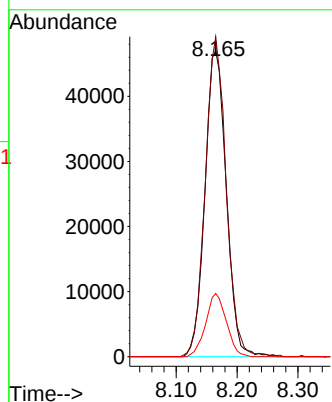
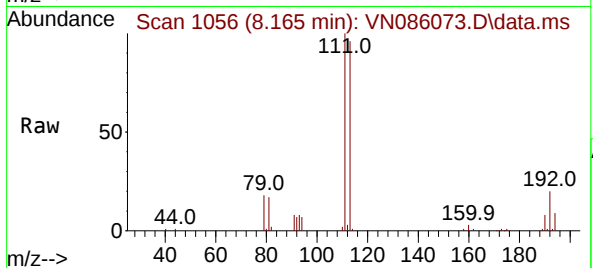
Tgt Ion:113 Resp: 114418

Ion Ratio Lower Upper

113 100

111 102.7 81.8 122.8

192 20.0 15.9 23.9



#50

Toluene-d8

Concen: 53.879 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086073.D

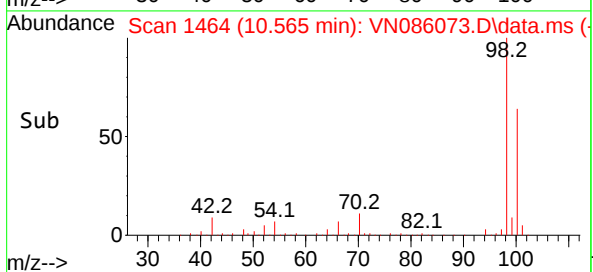
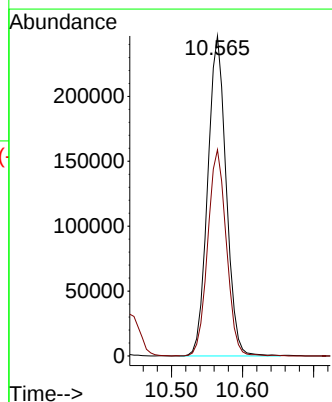
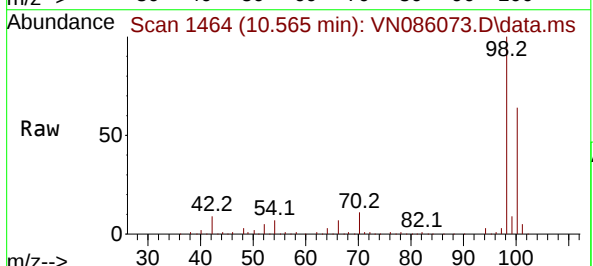
Acq: 24 Mar 2025 15:36

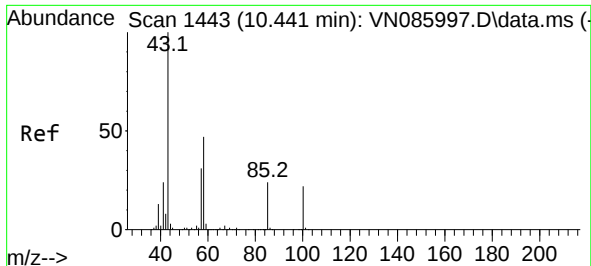
Tgt Ion: 98 Resp: 444607

Ion Ratio Lower Upper

98 100

100 65.1 53.1 79.7

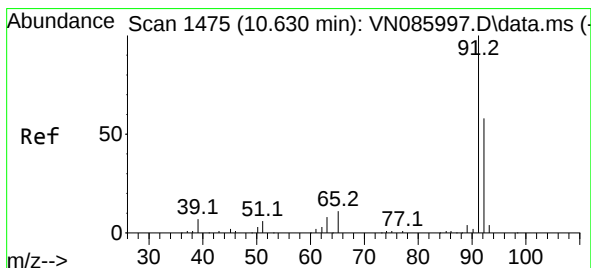
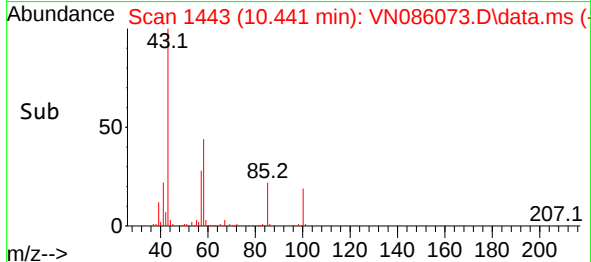
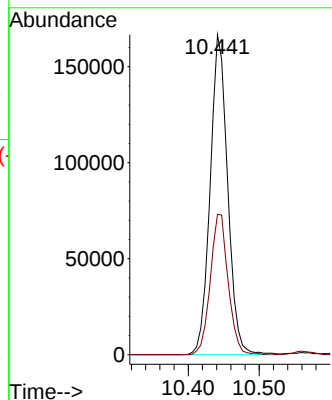
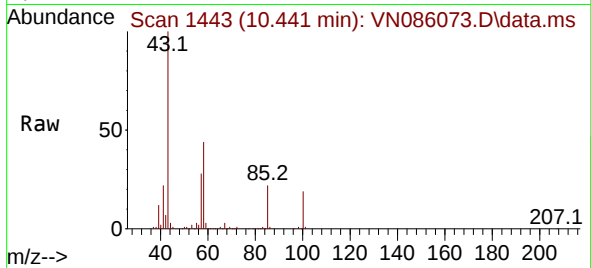




#51
4-Methyl-2-Pentanone
Concen: 118.212 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

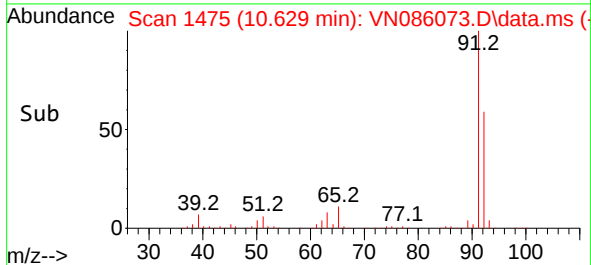
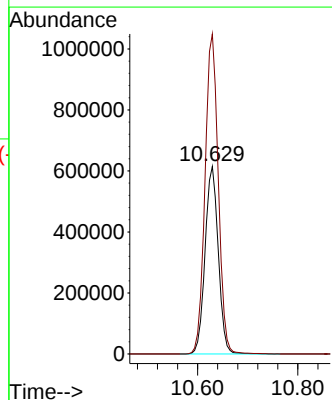
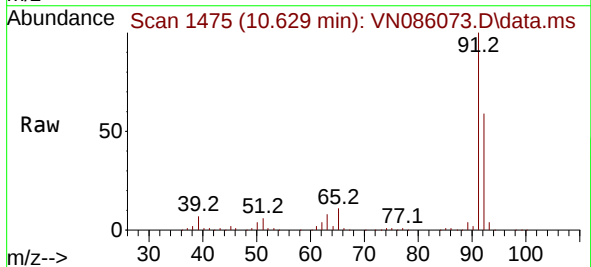
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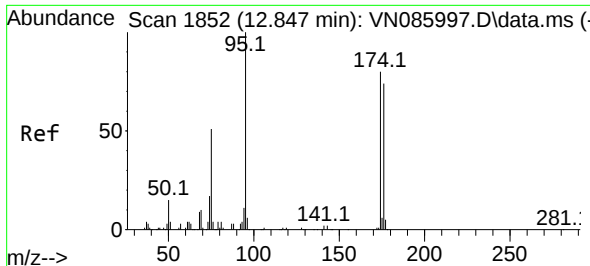
Tgt Ion: 43 Resp: 285340
Ion Ratio Lower Upper
43 100
58 44.8 37.4 56.0



#52
Toluene
Concen: 194.769 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

Tgt Ion: 92 Resp: 1123494
Ion Ratio Lower Upper
92 100
91 171.3 136.2 204.4

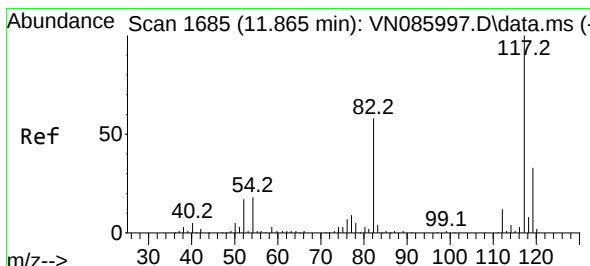
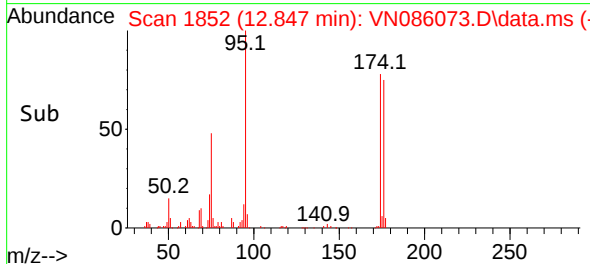
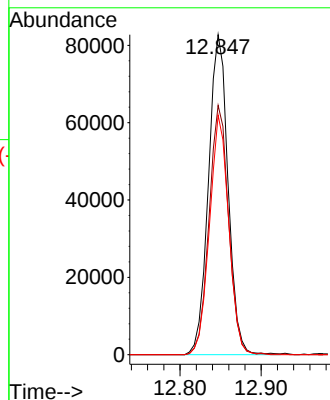
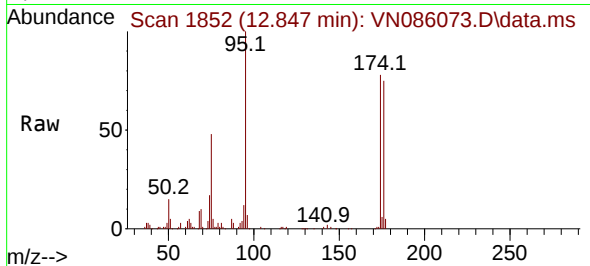




#62
4-Bromofluorobenzene
Concen: 47.080 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

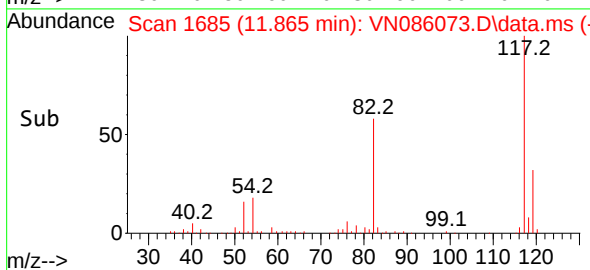
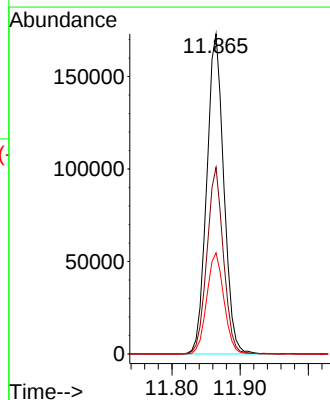
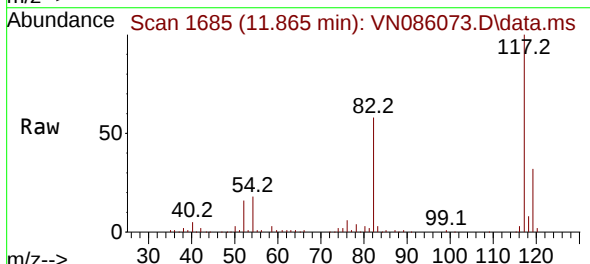
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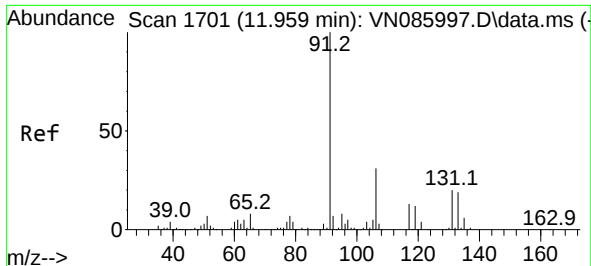
Tgt Ion: 95 Resp: 138550
Ion Ratio Lower Upper
95 100
174 77.7 0.0 156.8
176 73.5 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

Tgt Ion: 117 Resp: 301252
Ion Ratio Lower Upper
117 100
82 58.3 46.7 70.1
119 31.6 26.5 39.7

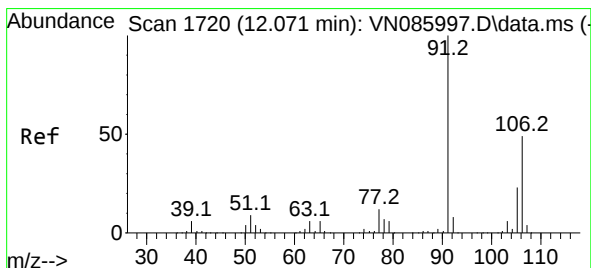
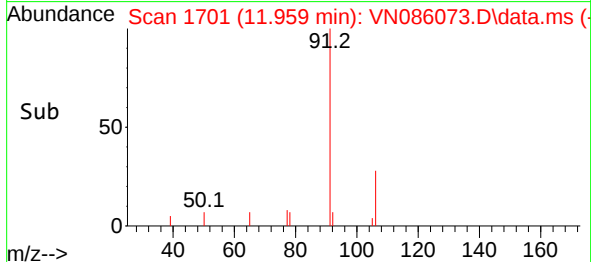
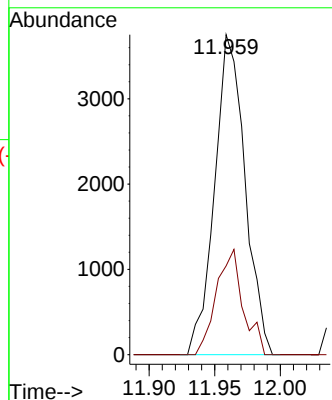
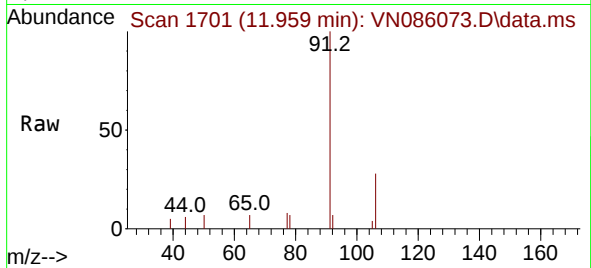




#67
Ethyl Benzene
Concen: 0.549 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

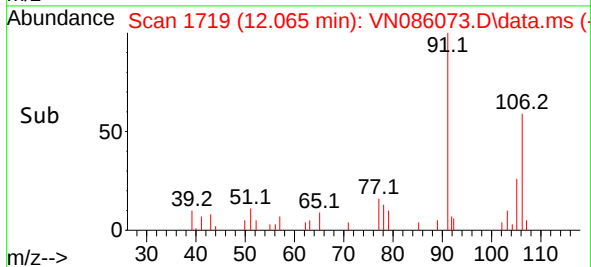
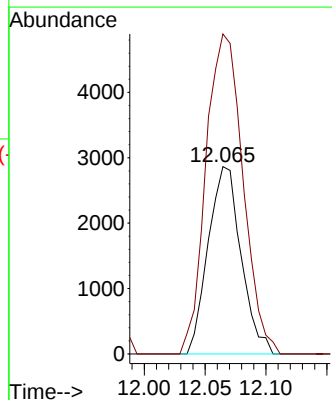
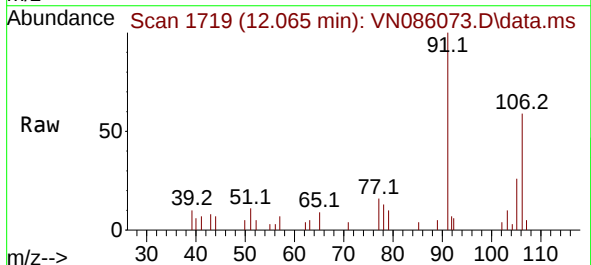
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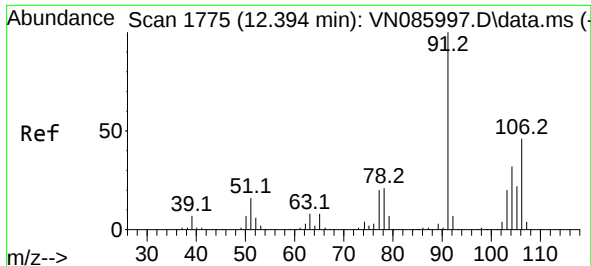
Tgt Ion: 91 Resp: 6052
Ion Ratio Lower Upper
91 100
106 27.7 24.5 36.7



#68
m/p-Xylenes
Concen: 1.241 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

Tgt Ion: 106 Resp: 5380
Ion Ratio Lower Upper
106 100
91 192.3 163.9 245.9

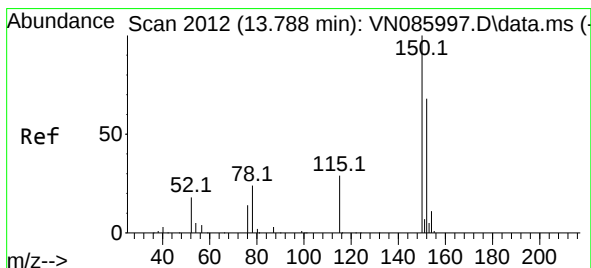
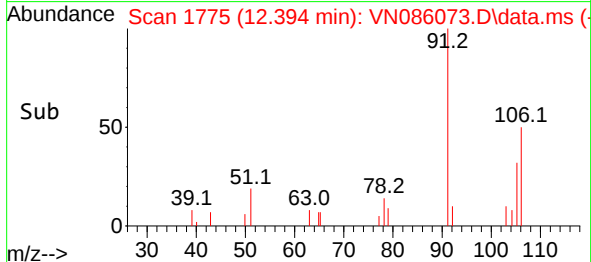
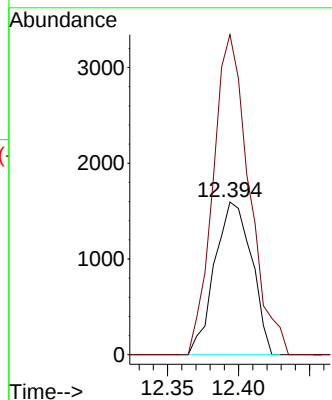
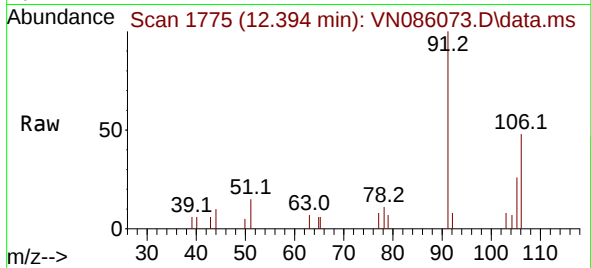




#69
o-Xylene
Concen: 0.726 ug/l
RT: 12.394 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

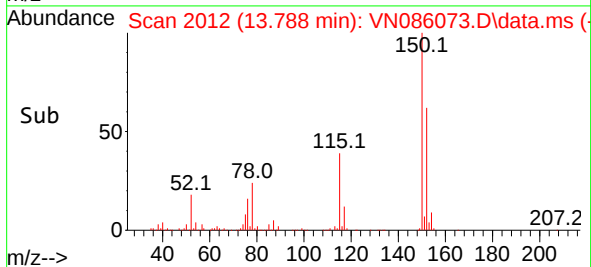
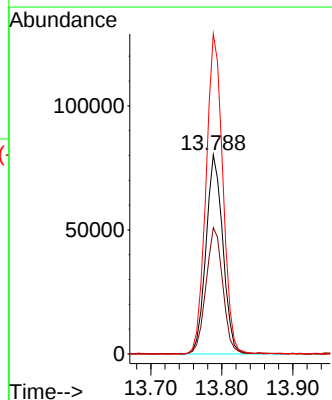
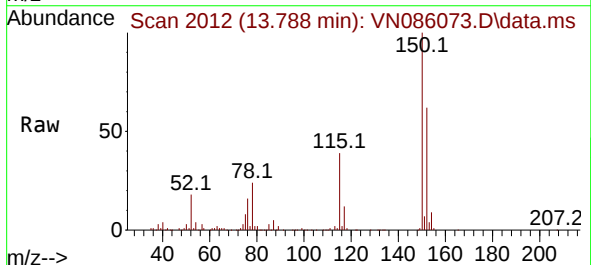
Instrument :
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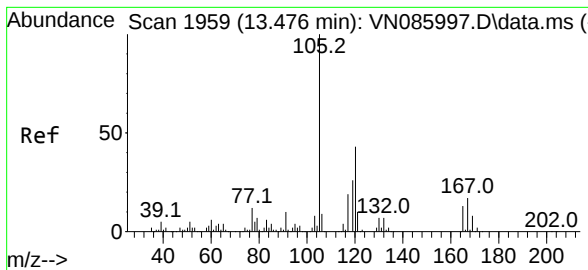
Tgt Ion:106 Resp: 2888
Ion Ratio Lower Upper
106 100
91 204.5 109.1 327.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086073.D
Acq: 24 Mar 2025 15:36

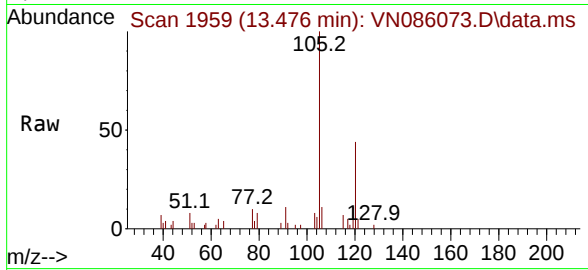
Tgt Ion:152 Resp: 132673
Ion Ratio Lower Upper
152 100
115 63.3 31.1 93.2
150 159.9 0.0 359.6





#84
 1,2,4-Trimethylbenzene
 Concen: 1.969 ug/l
 RT: 13.476 min Scan# 1959
 Delta R.T. -0.000 min
 Lab File: VN086073.D
 Acq: 24 Mar 2025 15:36

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-354ME



Tgt Ion:	105	Resp:	15194
Ion Ratio	Lower	Upper	
105	100		
120	47.4	21.9	65.8

