

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086070.D
 Acq On : 24 Mar 2025 14:24
 Operator : JC\MD
 Sample : Q1598-01ME 20X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-354ME

Quant Time: Mar 25 01:23:36 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)

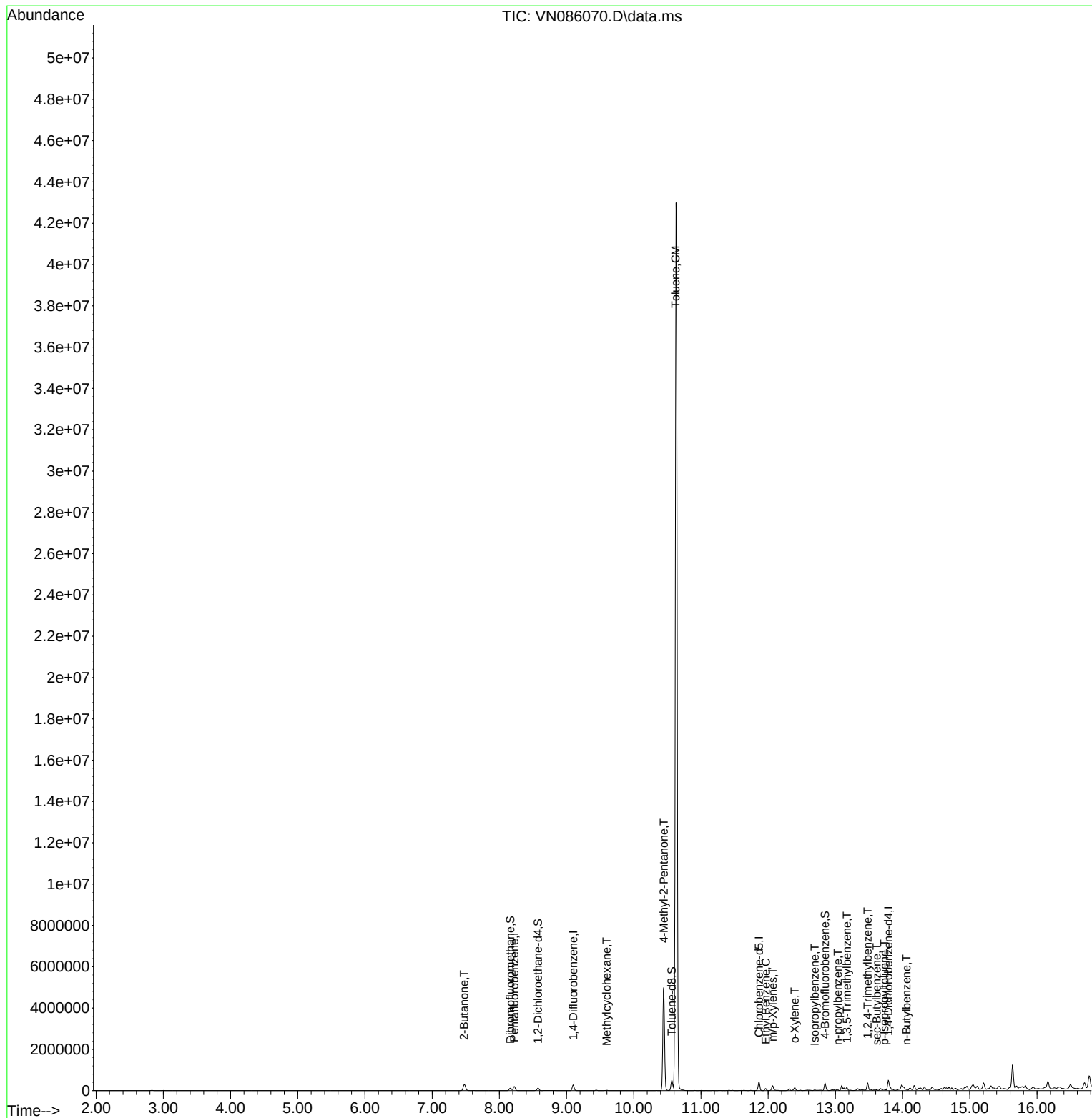
Internal Standards						
1) Pentafluorobenzene	8.224	168	145473	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	239250	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	249203	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	131525	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	103509	51.962	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 103.920%	
35) Dibromofluoromethane	8.165	113	90023	53.908	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 107.820%	
50) Toluene-d8	10.565	98	357068	58.915	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 117.840%#	
62) 4-Bromofluorobenzene	12.847	95	125218	57.933	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 115.860%	
Target Compounds						
					Qvalue	
25) 2-Butanone	7.477	43	457244	520.693	ug/l	97
39) Methylcyclohexane	9.594	83	7650	3.507	ug/l	96
51) 4-Methyl-2-Pentanone	10.447	43	3159365	1782.088	ug/l	100
52) Toluene	10.623	92	18359206	4333.457	ug/l #	1
67) Ethyl Benzene	11.965	91	72541	7.953	ug/l	99
68) m/p-Xylenes	12.070	106	74226	20.703	ug/l	98
69) o-Xylene	12.394	106	36574	11.115	ug/l	99
73) Isopropylbenzene	12.694	105	16251	1.809	ug/l	99
78) n-propylbenzene	13.035	91	36256	3.565	ug/l	99
80) 1,3,5-Trimethylbenzene	13.170	105	61383	8.095	ug/l	99
84) 1,2,4-Trimethylbenzene	13.482	105	215433	28.167	ug/l	98
85) sec-Butylbenzene	13.617	105	16398	1.938	ug/l	85
86) p-Isopropyltoluene	13.729	119	14790	2.065	ug/l	98
89) n-Butylbenzene	14.059	91	19989	3.427	ug/l #	82

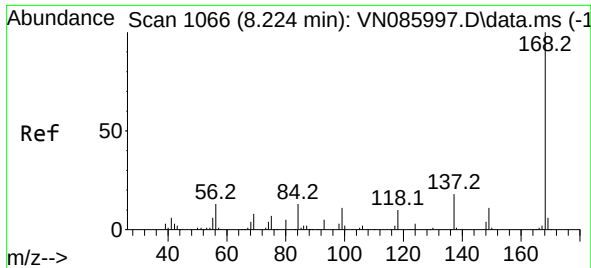
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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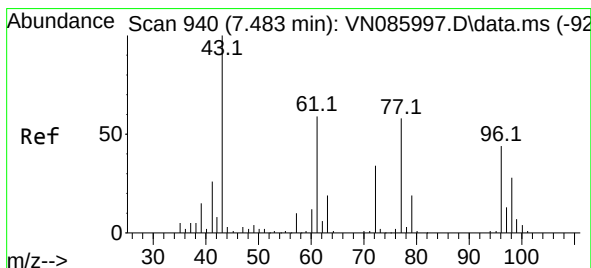
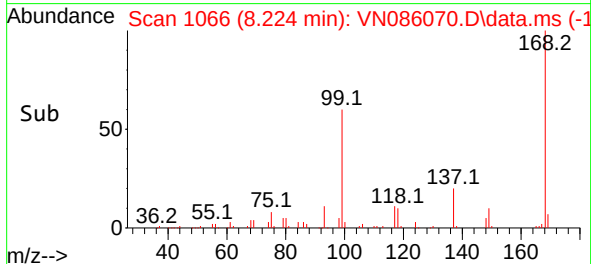
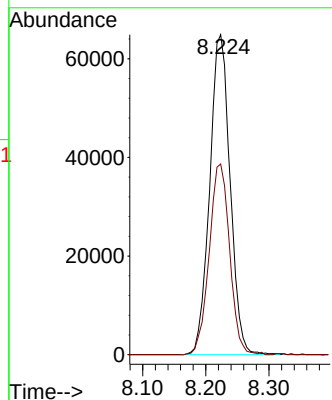
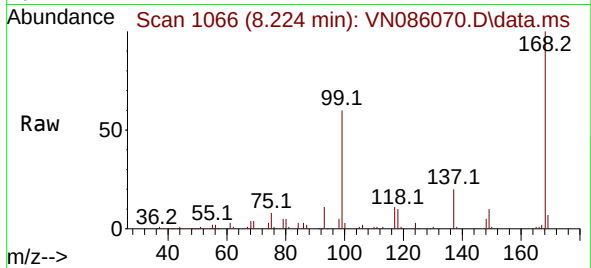




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

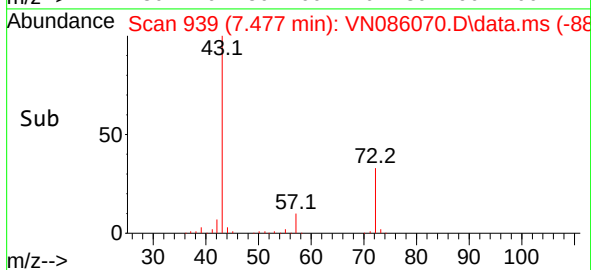
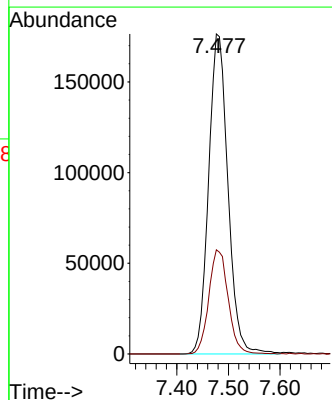
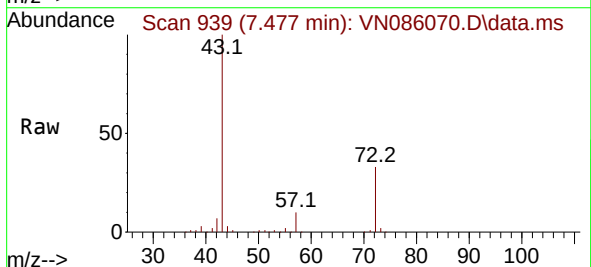
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

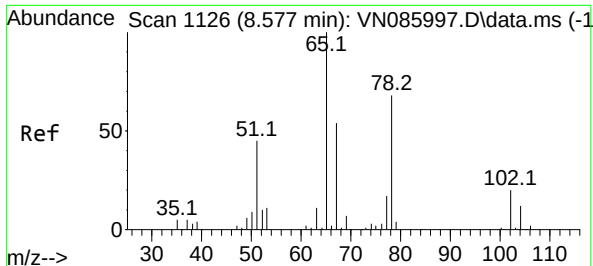
Tgt Ion:168 Resp: 145473
Ion Ratio Lower Upper
168 100
99 59.6 49.4 74.2



#25
2-Butanone
Concen: 520.693 ug/l
RT: 7.477 min Scan# 939
Delta R.T. -0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 43 Resp: 457244
Ion Ratio Lower Upper
43 100
72 32.6 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 51.962 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086070.D

Acq: 24 Mar 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

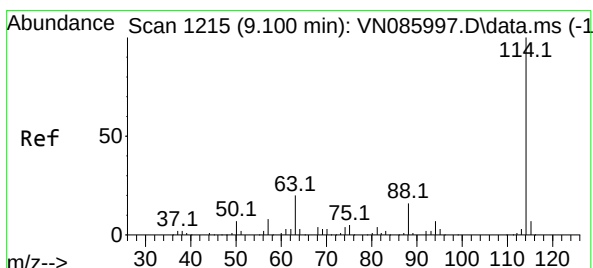
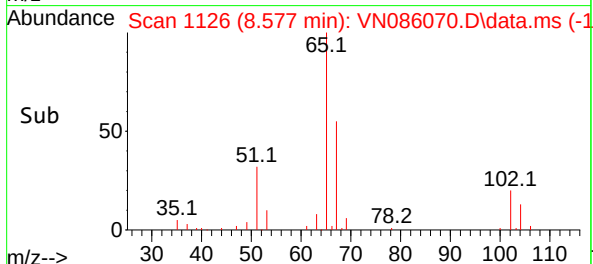
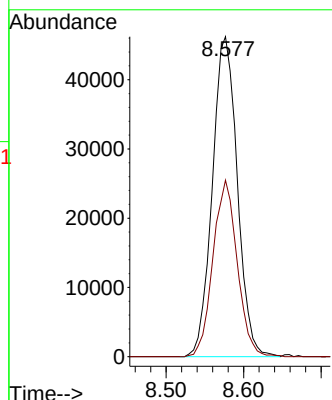
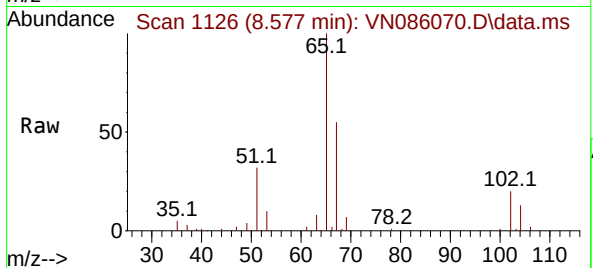
ETGI-354ME

Tgt Ion: 65 Resp: 103509

Ion Ratio Lower Upper

65 100

67 53.6 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: VN086070.D

Acq: 24 Mar 2025 14:24

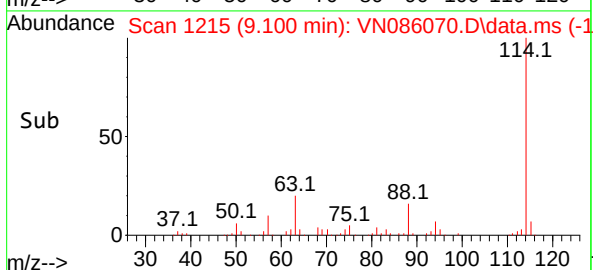
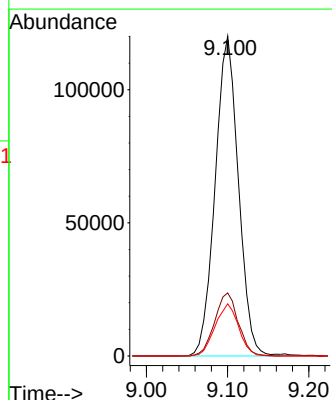
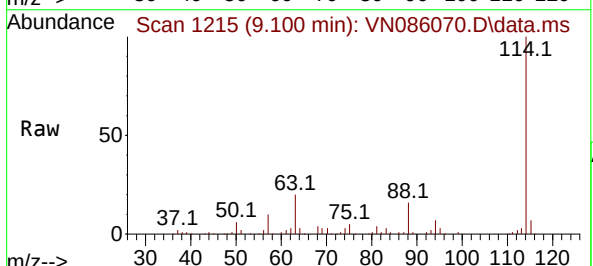
Tgt Ion: 114 Resp: 239250

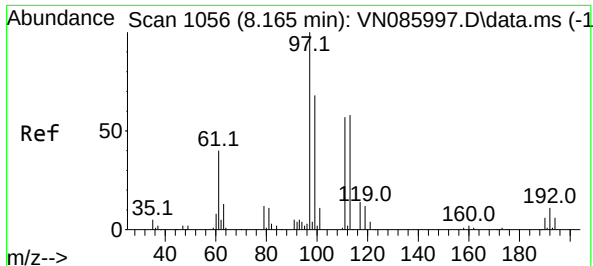
Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.6

88 16.3 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.908 ug/l

RT: 8.165 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086070.D

Acq: 24 Mar 2025 14:24

Instrument :

MSVOA_N

ClientSampleId :

ETGI-354ME

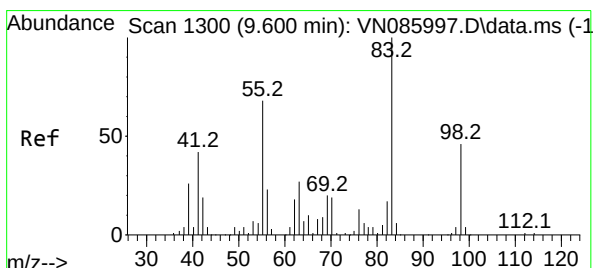
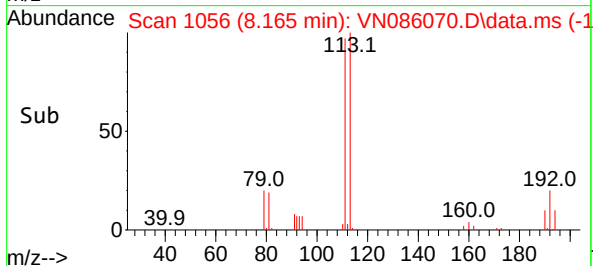
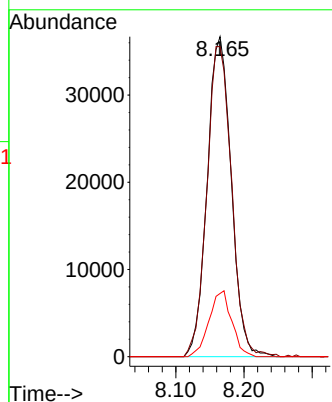
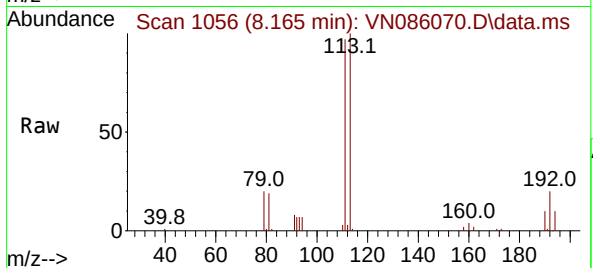
Tgt Ion:113 Resp: 90023

Ion Ratio Lower Upper

113 100

111 99.6 81.8 122.8

192 19.4 15.9 23.9



#39

Methylcyclohexane

Concen: 3.507 ug/l

RT: 9.594 min Scan# 1299

Delta R.T. -0.006 min

Lab File: VN086070.D

Acq: 24 Mar 2025 14:24

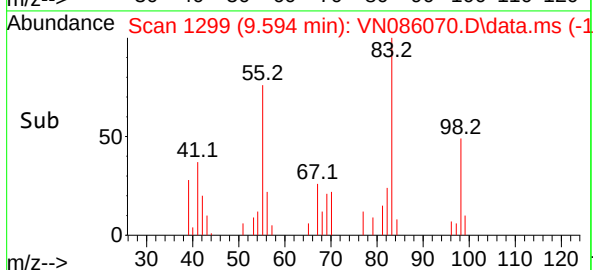
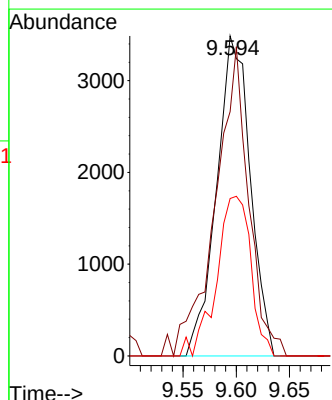
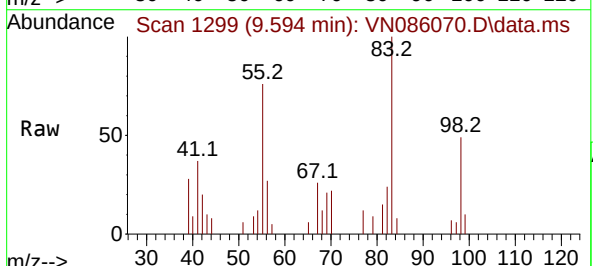
Tgt Ion: 83 Resp: 7650

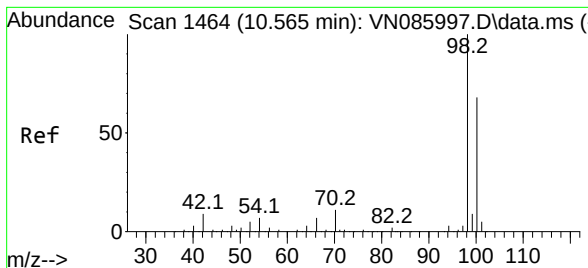
Ion Ratio Lower Upper

83 100

55 71.1 54.2 81.2

98 49.2 37.1 55.7

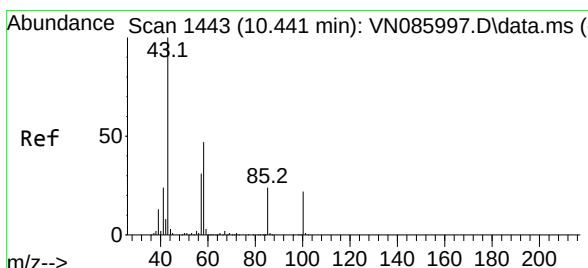
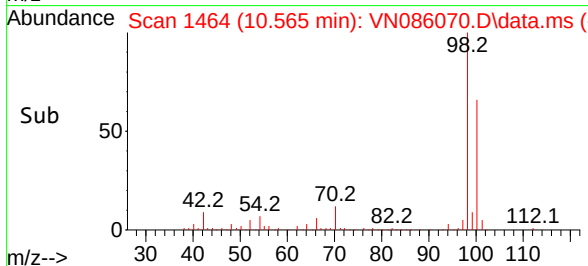
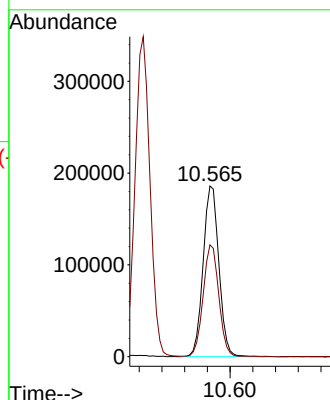
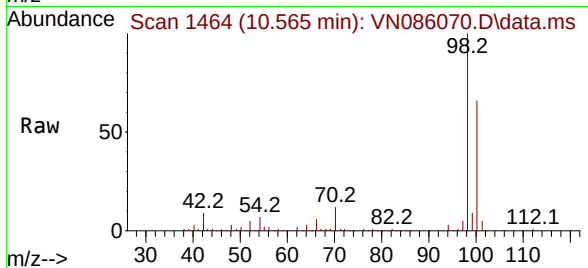




#50
Toluene-d8
Concen: 58.915 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

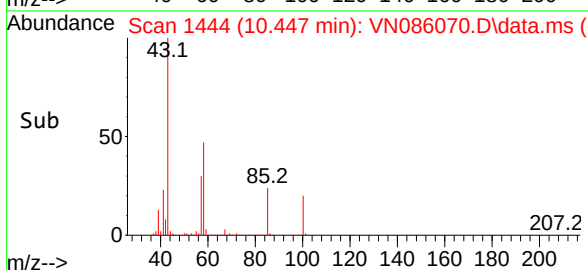
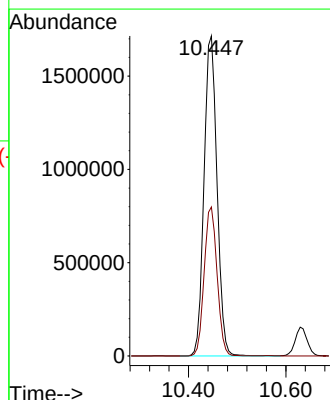
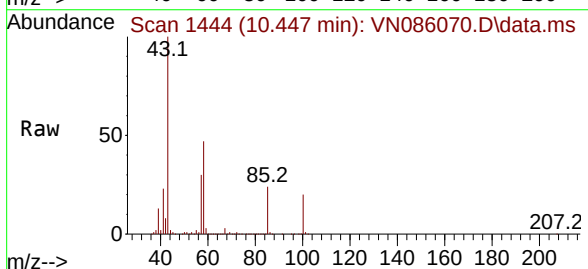
Instrument :
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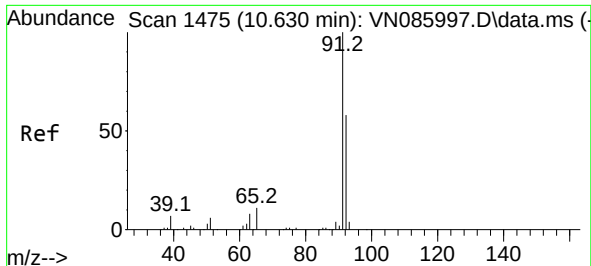
Tgt Ion: 98 Resp: 357068
Ion Ratio Lower Upper
98 100
100 65.3 53.1 79.7



#51
4-Methyl-2-Pentanone
Concen: 1782.088 ug/l
RT: 10.447 min Scan# 1444
Delta R.T. 0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 43 Resp: 3159365
Ion Ratio Lower Upper
43 100
58 46.4 37.4 56.0

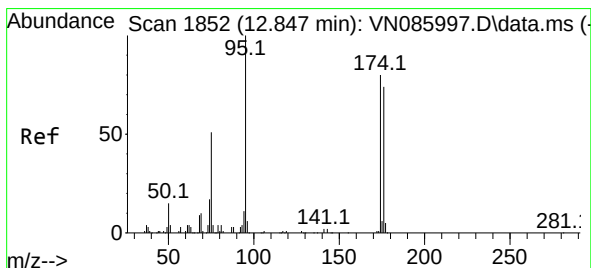
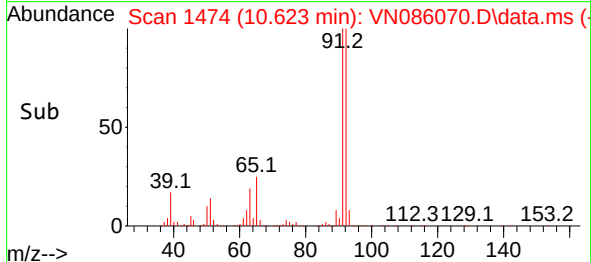
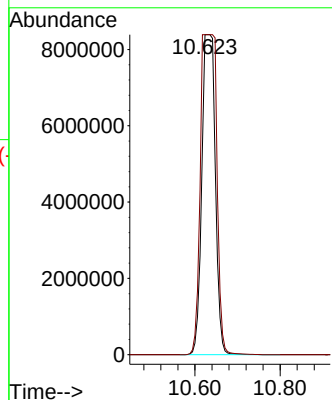
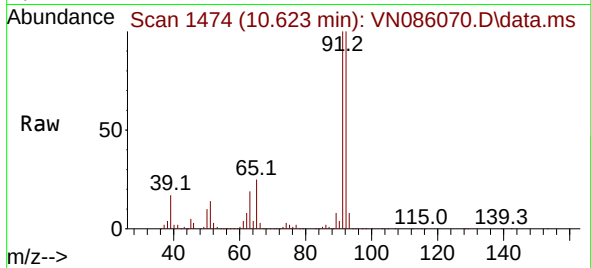




#52
Toluene
Concen: 4333.457 ug/l
RT: 10.623 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

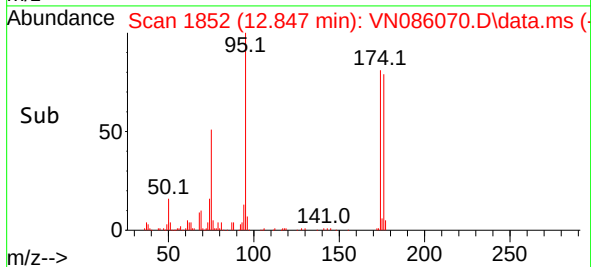
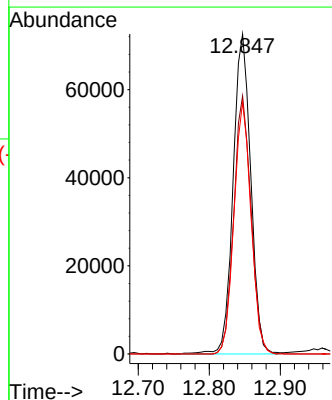
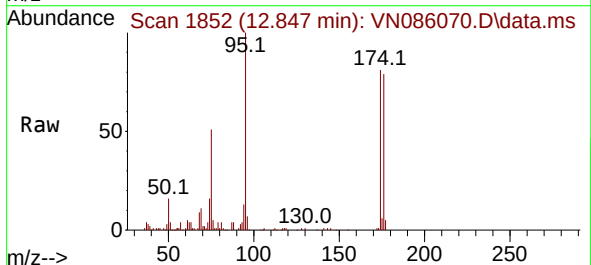
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

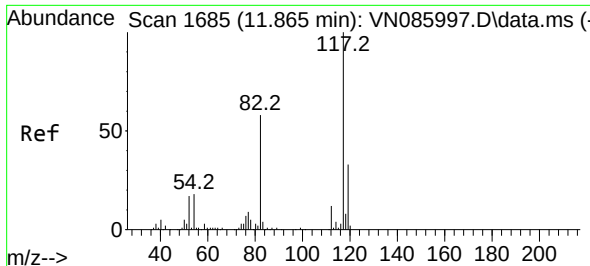
Tgt Ion: 92 Resp:18359206
Ion Ratio Lower Upper
92 100
91 0.0 136.2 204.4#



#62
4-Bromofluorobenzene
Concen: 57.933 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 95 Resp: 125218
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 76.1 0.0 152.2

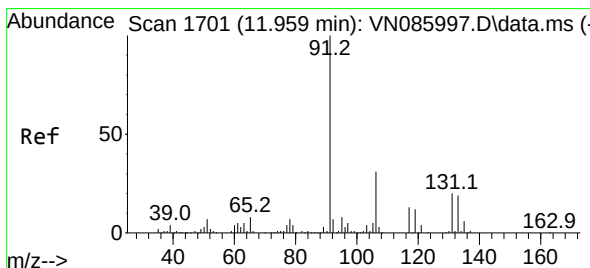
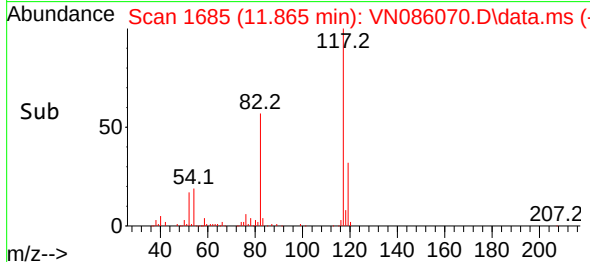
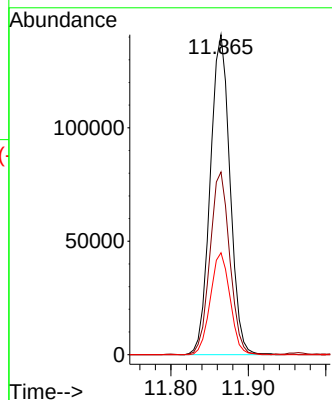
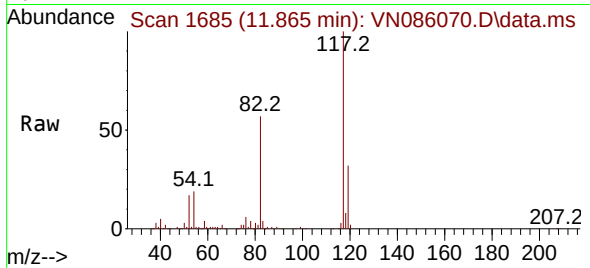




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

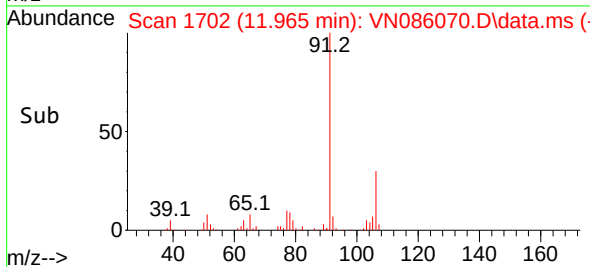
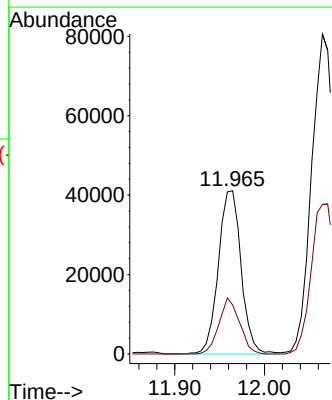
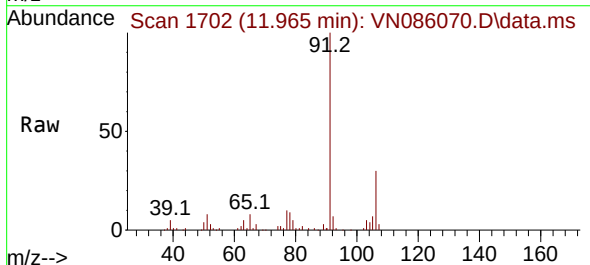
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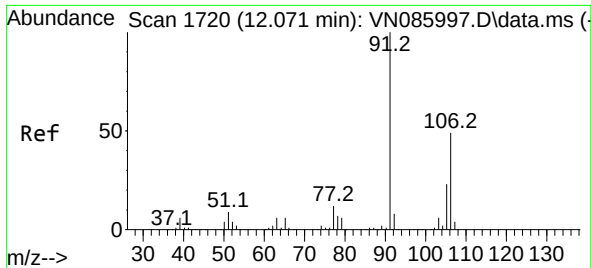
Tgt Ion:117 Resp: 249203
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 31.9 26.5 39.7



#67
Ethyl Benzene
Concen: 7.953 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. 0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 91 Resp: 72541
Ion Ratio Lower Upper
91 100
106 30.0 24.5 36.7

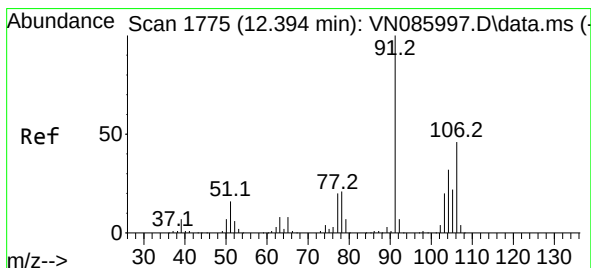
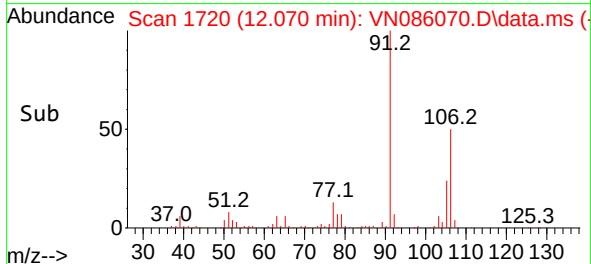
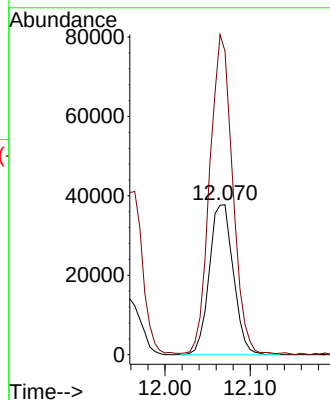
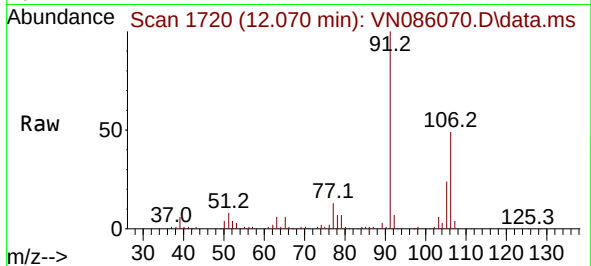




#68
m/p-Xylenes
Concen: 20.703 ug/l
RT: 12.070 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

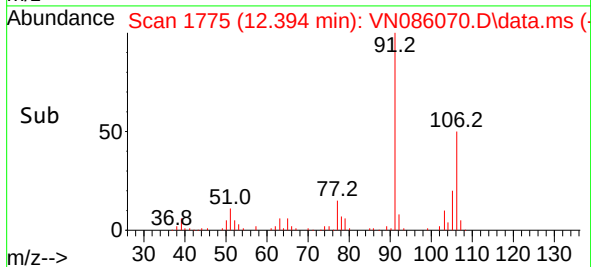
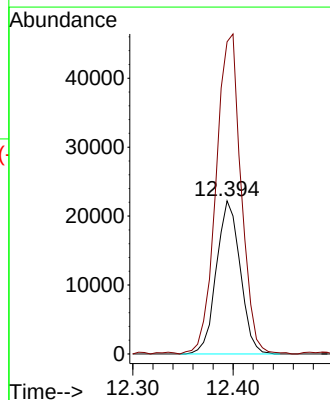
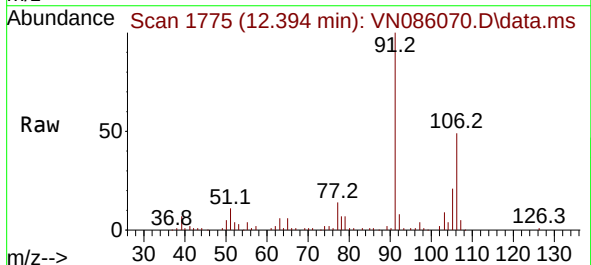
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

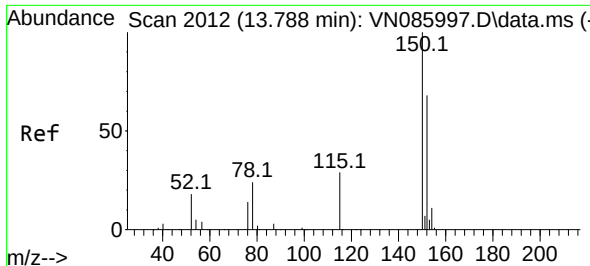
Tgt Ion:106 Resp: 74226
Ion Ratio Lower Upper
106 100
91 202.0 163.9 245.9



#69
o-Xylene
Concen: 11.115 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion:106 Resp: 36574
Ion Ratio Lower Upper
106 100
91 220.0 109.1 327.2

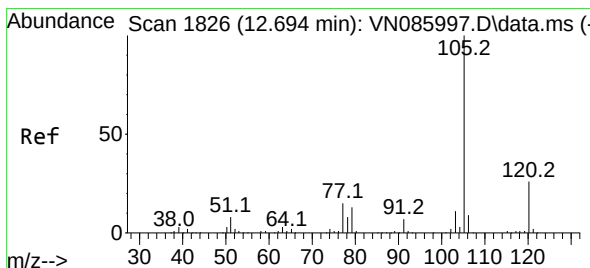
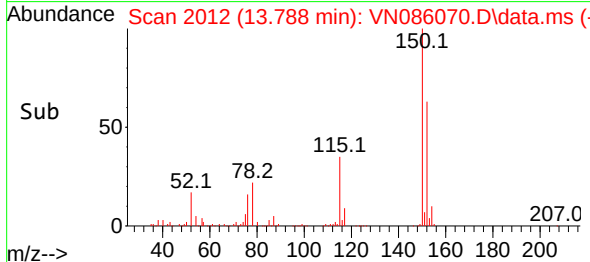
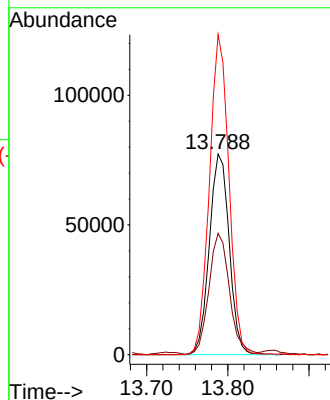
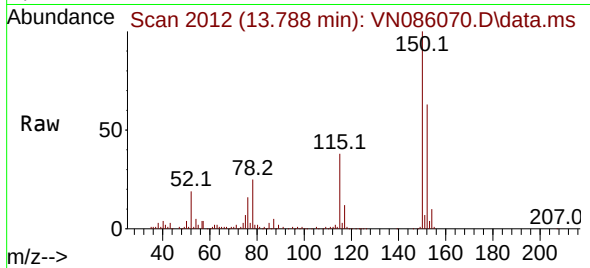




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

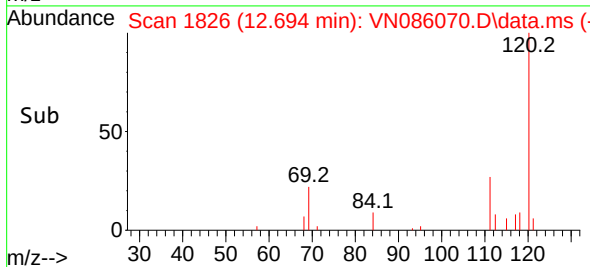
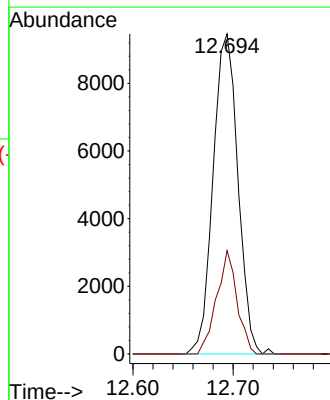
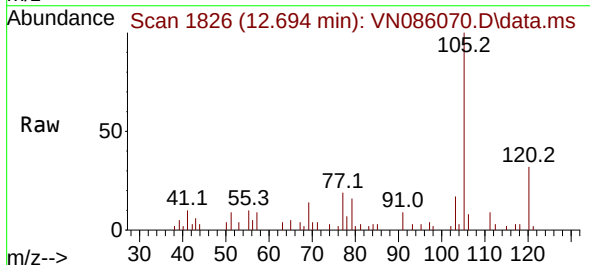
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

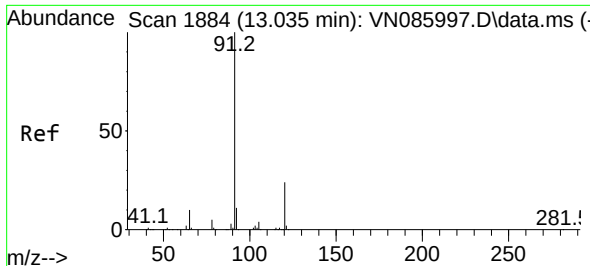
Tgt Ion:152 Resp: 131525
Ion Ratio Lower Upper
152 100
115 61.9 31.1 93.2
150 156.0 0.0 359.6



#73
Isopropylbenzene
Concen: 1.809 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion:105 Resp: 16251
Ion Ratio Lower Upper
105 100
120 26.6 13.0 39.0

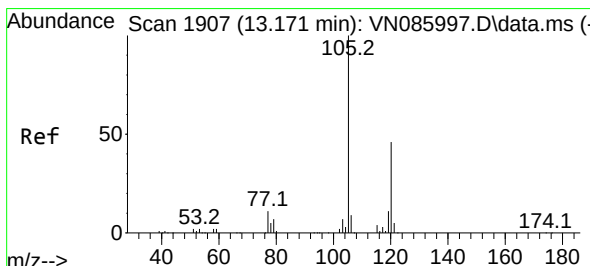
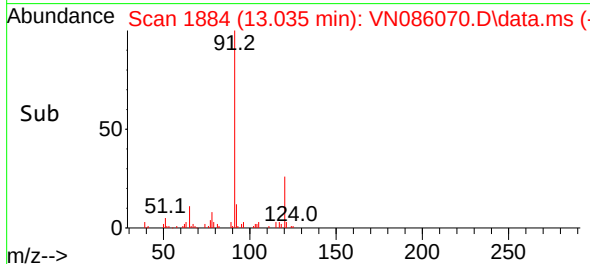
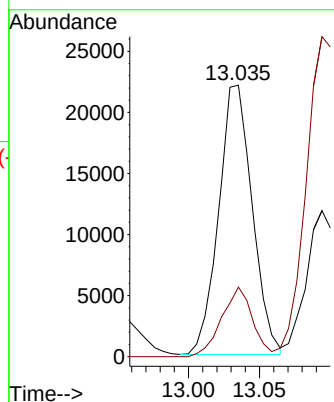
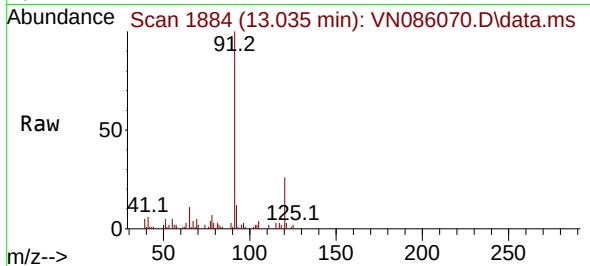




#78
n-propylbenzene
Concen: 3.565 ug/l
RT: 13.035 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

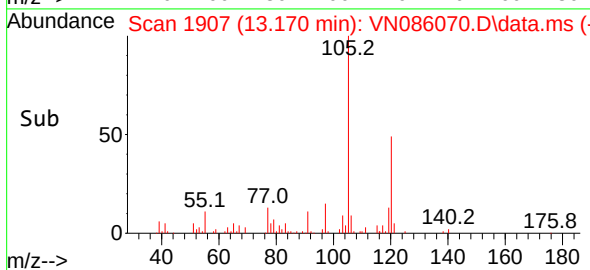
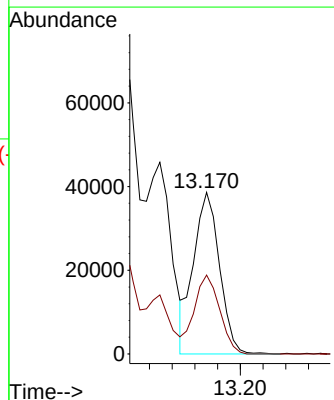
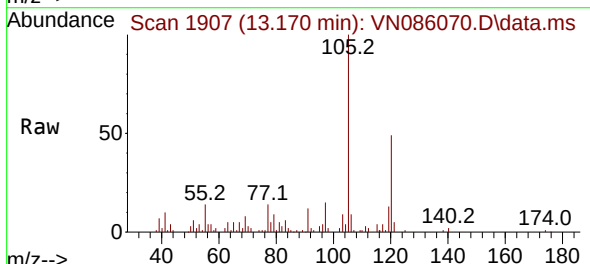
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

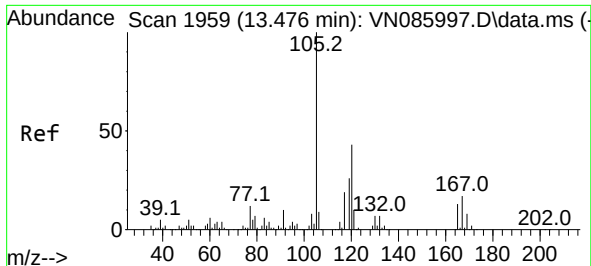
Tgt Ion: 91 Resp: 36256
Ion Ratio Lower Upper
91 100
120 23.8 11.7 35.0



#80
1,3,5-Trimethylbenzene
Concen: 8.095 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 105 Resp: 61383
Ion Ratio Lower Upper
105 100
120 47.9 23.7 71.1

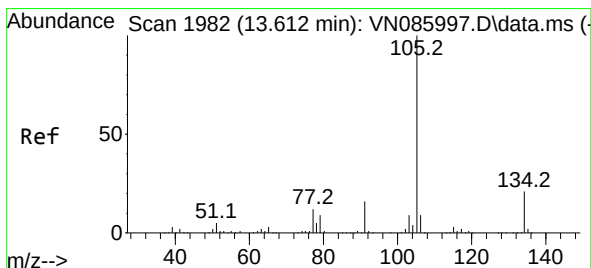
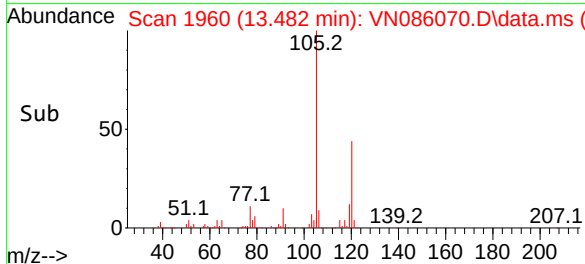
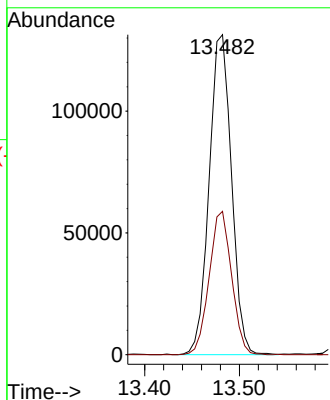
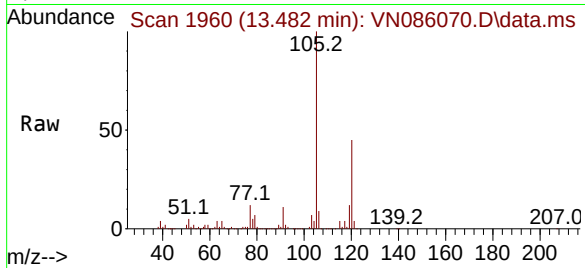




#84
1,2,4-Trimethylbenzene
Concen: 28.167 ug/l
RT: 13.482 min Scan# 1959
Delta R.T. 0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

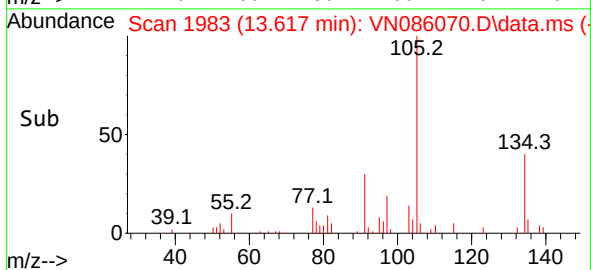
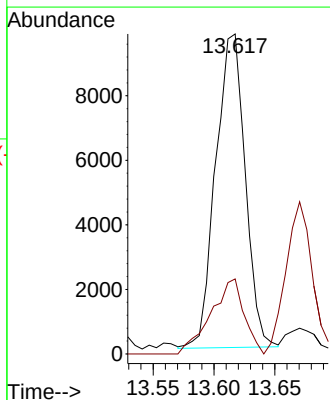
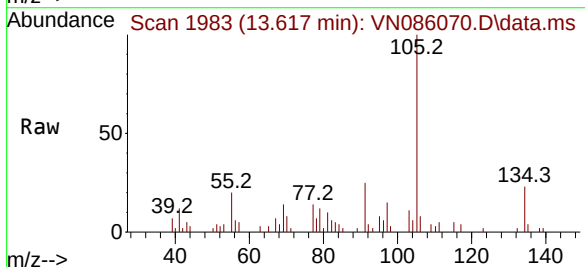
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

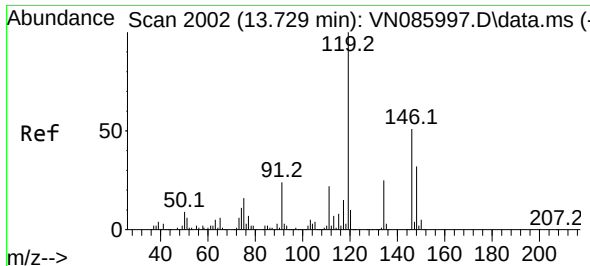
Tgt Ion:105 Resp: 215433
Ion Ratio Lower Upper
105 100
120 44.9 21.9 65.8



#85
sec-Butylbenzene
Concen: 1.938 ug/l
RT: 13.617 min Scan# 1983
Delta R.T. 0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion:105 Resp: 16398
Ion Ratio Lower Upper
105 100
134 26.9 10.1 30.1

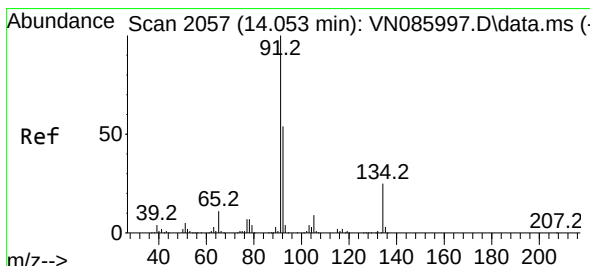
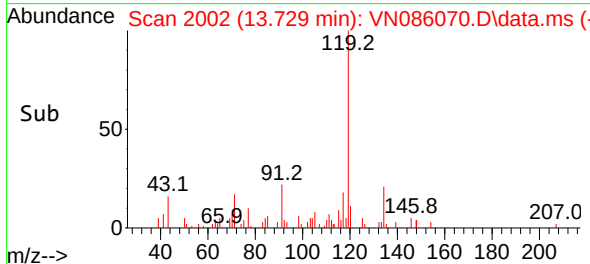
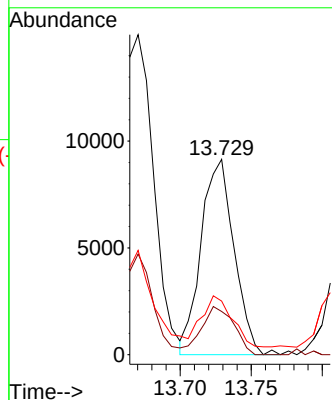
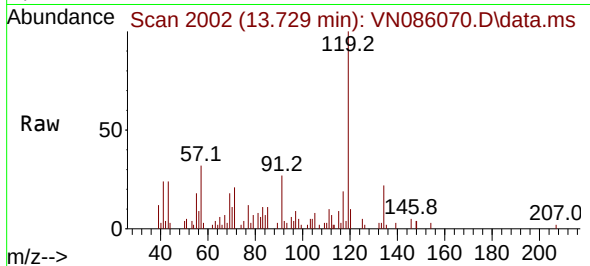




#86
p-Isopropyltoluene
Concen: 2.065 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354ME

Tgt Ion:119 Resp: 14790
Ion Ratio Lower Upper
119 100
134 24.4 12.6 37.8
91 23.7 12.3 36.8



#89
n-Butylbenzene
Concen: 3.427 ug/l
RT: 14.059 min Scan# 2058
Delta R.T. 0.006 min
Lab File: VN086070.D
Acq: 24 Mar 2025 14:24

Tgt Ion: 91 Resp: 19989
Ion Ratio Lower Upper
91 100
92 55.2 26.9 80.6
134 0.0 13.0 39.0#

