

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032425\
 Data File : VN086078.D
 Acq On : 24 Mar 2025 17:37
 Operator : JC\MD
 Sample : Q1598-01MEDL 500X
 Misc : 5.03g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 ETGI-354MEDL

Quant Time: Mar 25 01:28:08 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)

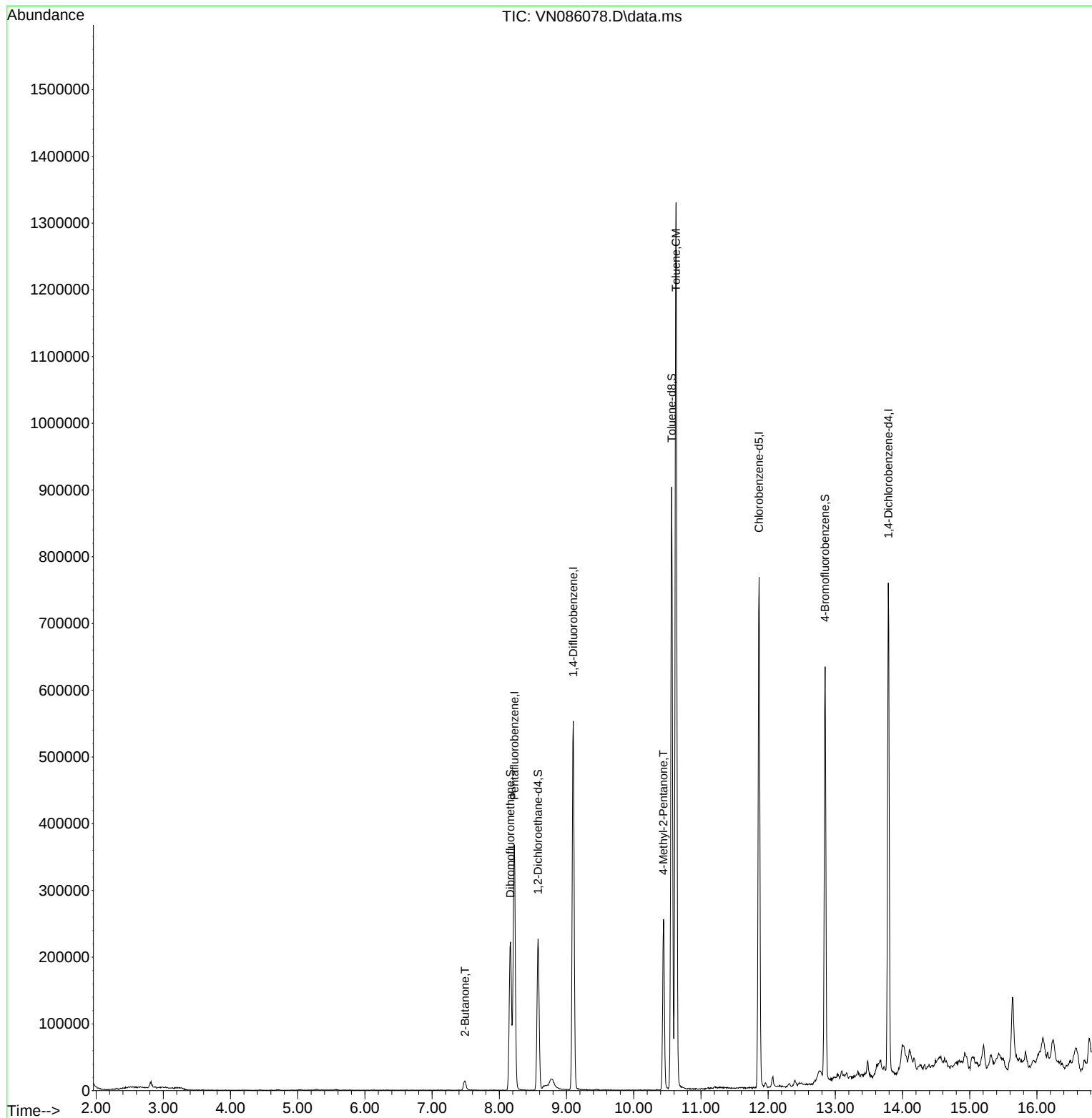
Internal Standards						
1) Pentafluorobenzene	8.224	168	274634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	497970	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	463569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	211128	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	186911	49.701	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	99.400%
35) Dibromofluoromethane	8.165	113	166771	47.981	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	95.960%
50) Toluene-d8	10.565	98	635778	50.400	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.800%
62) 4-Bromofluorobenzene	12.847	95	221674	49.275	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	98.540%
Target Compounds						
					Qvalue	
25) 2-Butanone	7.489	43	24569	14.820	ug/l	91
51) 4-Methyl-2-Pentanone	10.441	43	167896	45.501	ug/l	94
52) Toluene	10.630	92	614033	69.634	ug/l	99

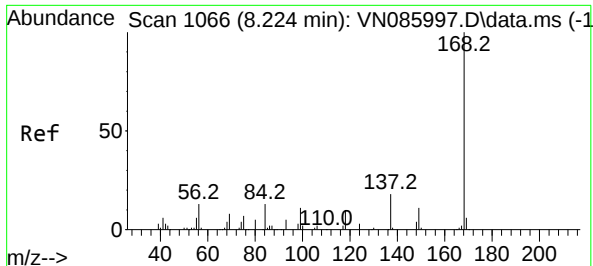
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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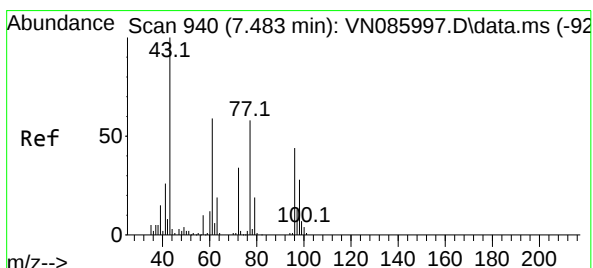
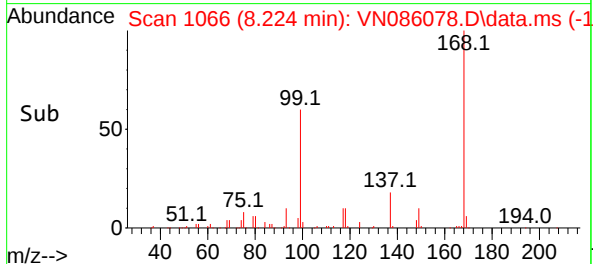
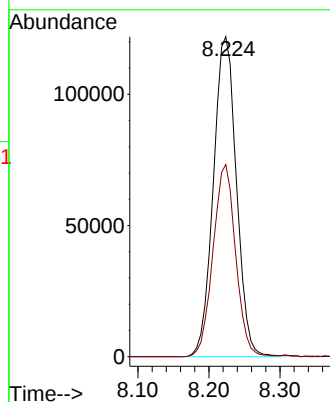
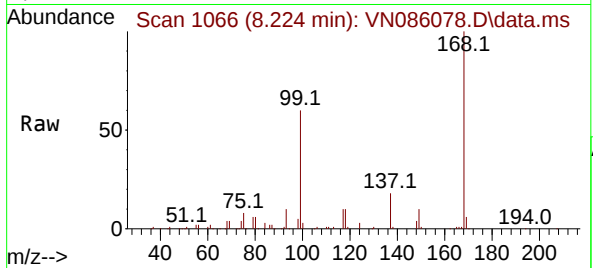




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

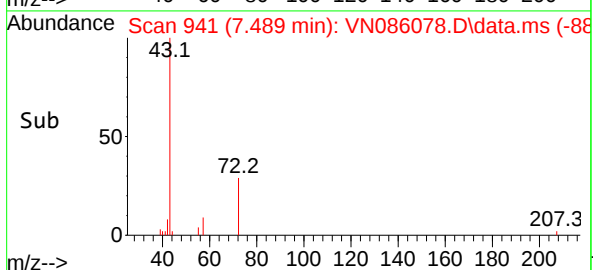
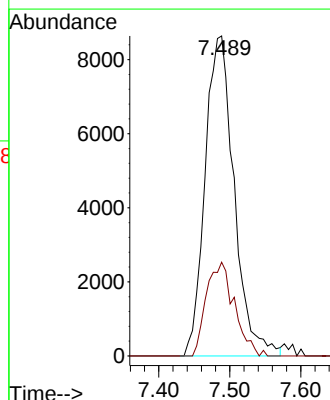
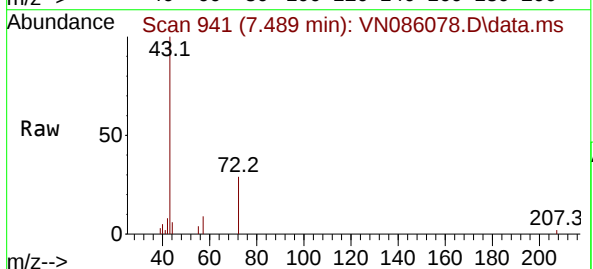
Instrument :
MSVOA_N
ClientSampleId :
ETGI-354MEDL

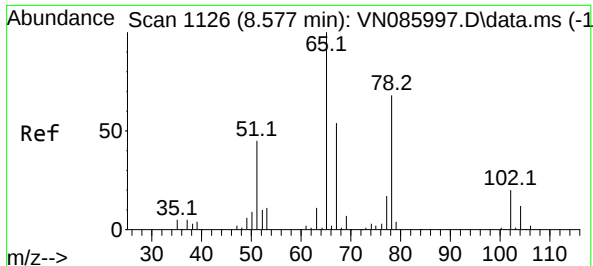
Tgt Ion:168 Resp: 274634
Ion Ratio Lower Upper
168 100
99 60.0 49.4 74.2



#25
2-Butanone
Concen: 14.820 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

Tgt Ion: 43 Resp: 24569
Ion Ratio Lower Upper
43 100
72 29.3 27.4 41.0





#33

1,2-Dichloroethane-d4

Concen: 49.701 ug/l

RT: 8.577 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VN086078.D

Acq: 24 Mar 2025 17:37

Instrument :

MSVOA_N

ClientSampleId :

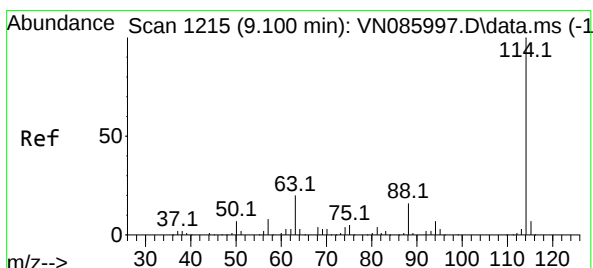
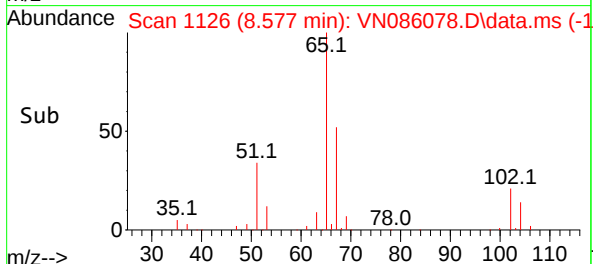
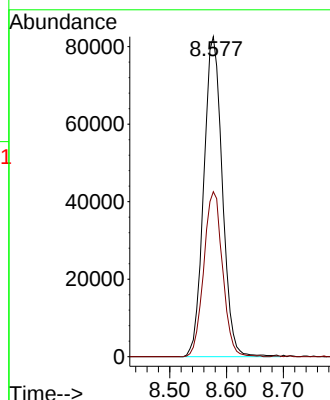
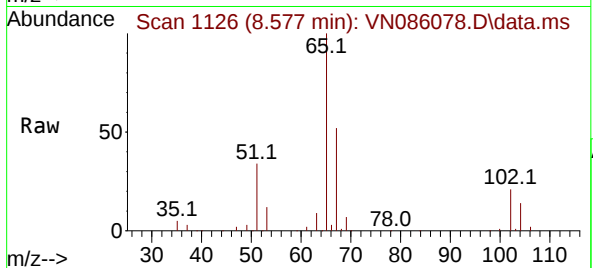
ETGI-354MEDL

Tgt Ion: 65 Resp: 186911

Ion Ratio Lower Upper

65 100

67 52.2 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: VN086078.D

Acq: 24 Mar 2025 17:37

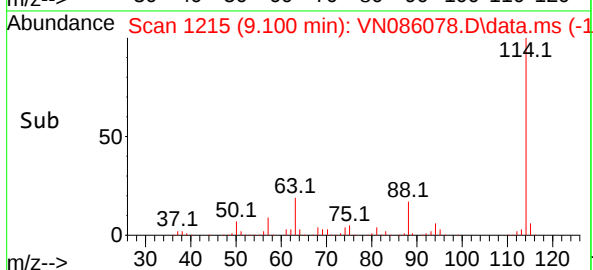
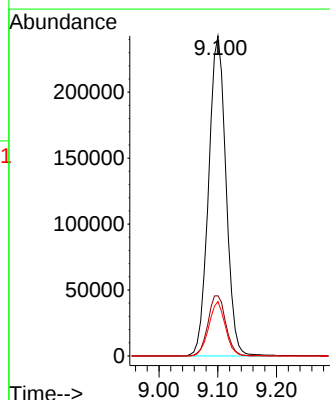
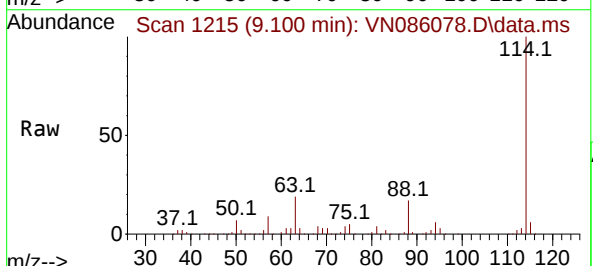
Tgt Ion: 114 Resp: 497970

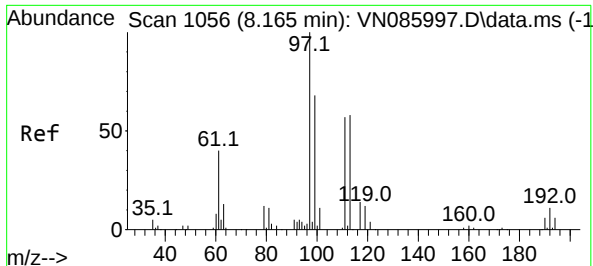
Ion Ratio Lower Upper

114 100

63 18.8 0.0 39.6

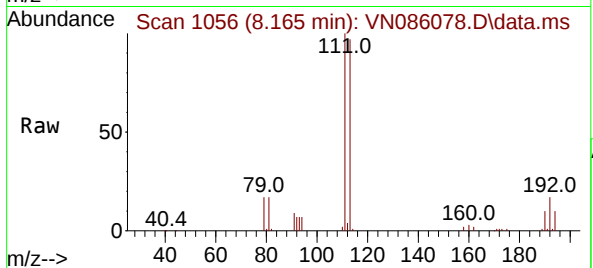
88 17.0 0.0 32.6



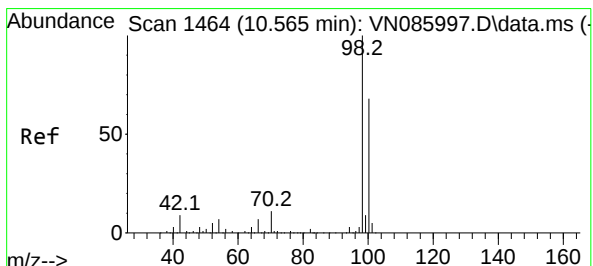
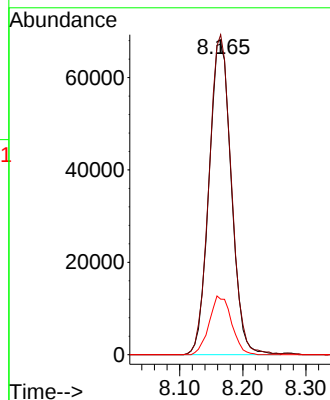
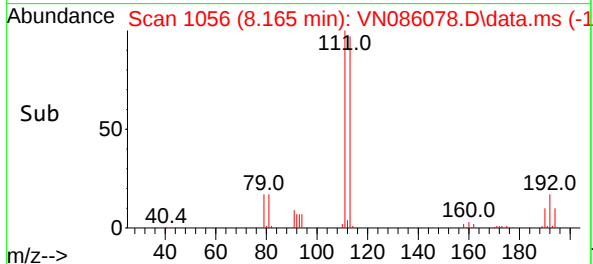


#35
Dibromofluoromethane
Concen: 47.981 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

Instrument :
MSVOA_N
ClientSampleId :
ETGI-354MEDL

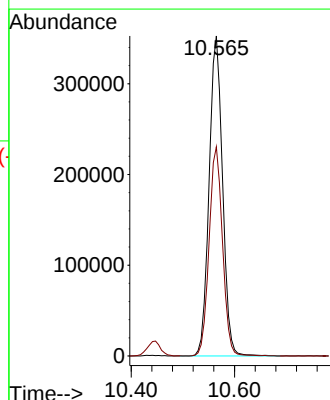
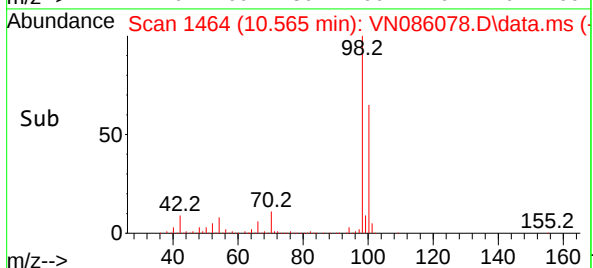
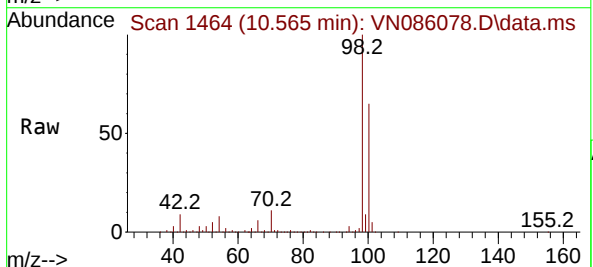


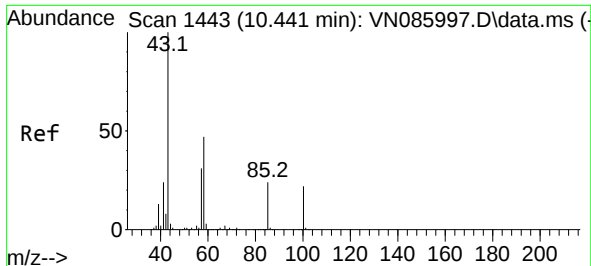
Tgt Ion:113 Resp: 166771
Ion Ratio Lower Upper
113 100
111 101.7 81.8 122.8
192 18.7 15.9 23.9



#50
Toluene-d8
Concen: 50.400 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

Tgt Ion: 98 Resp: 635778
Ion Ratio Lower Upper
98 100
100 65.2 53.1 79.7

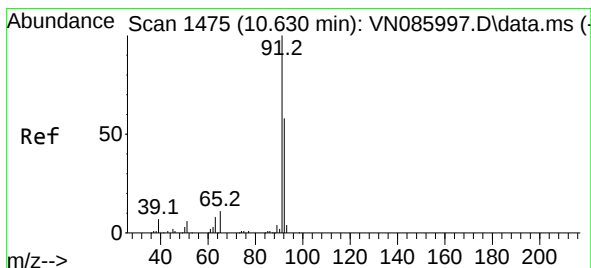
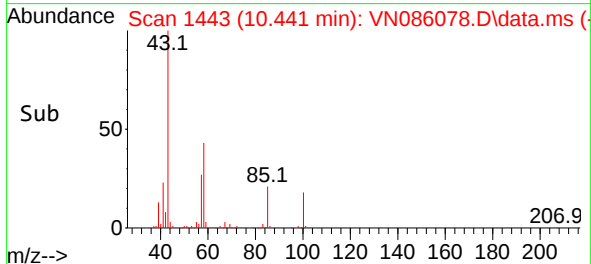
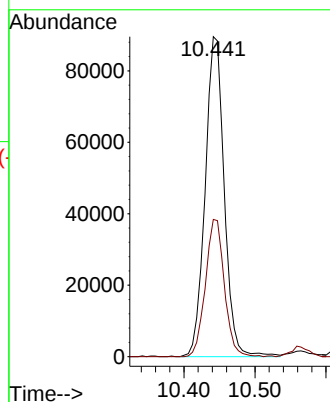
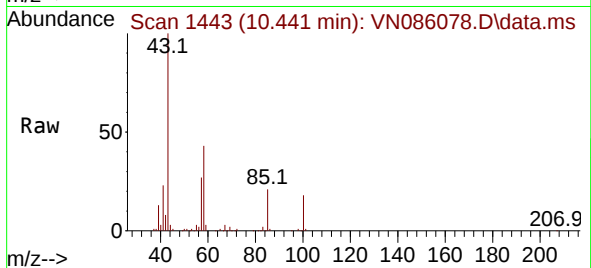




#51
4-Methyl-2-Pentanone
Concen: 45.501 ug/l
RT: 10.441 min Scan# 1443
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

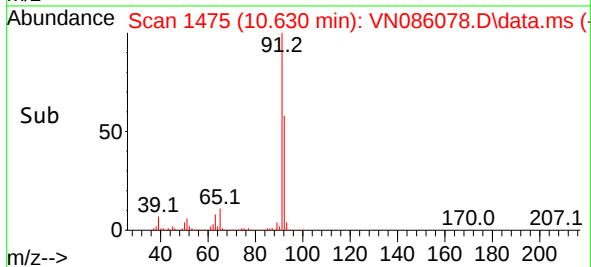
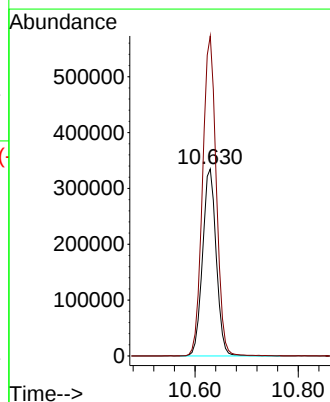
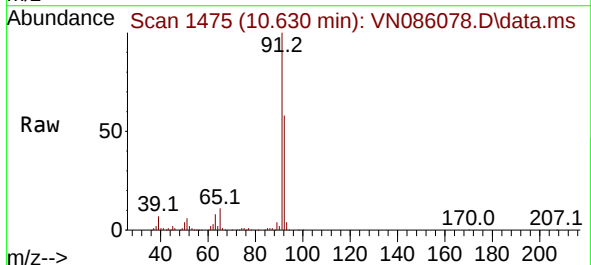
Instrument :
MSVOA_N
ClientSampleId :
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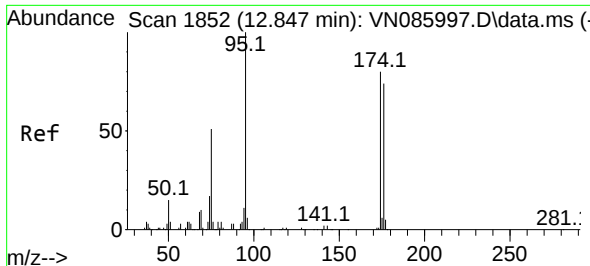
Tgt Ion: 43 Resp: 167896
Ion Ratio Lower Upper
43 100
58 42.4 37.4 56.0



#52
Toluene
Concen: 69.634 ug/l
RT: 10.630 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

Tgt Ion: 92 Resp: 614033
Ion Ratio Lower Upper
92 100
91 171.8 136.2 204.4

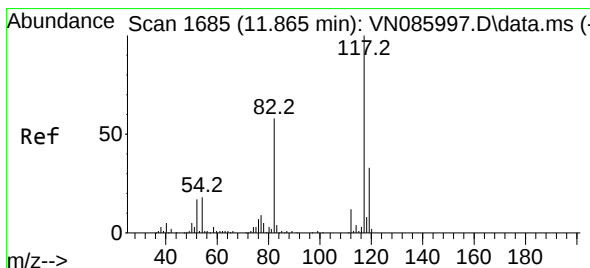
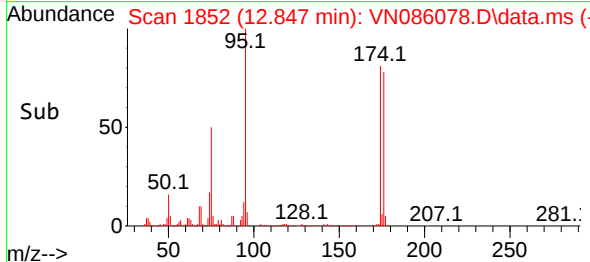
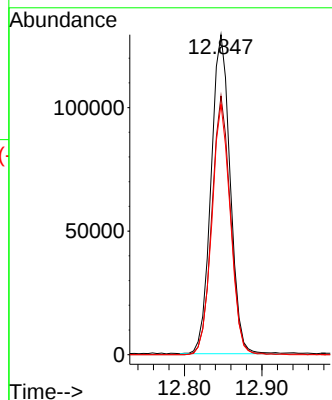
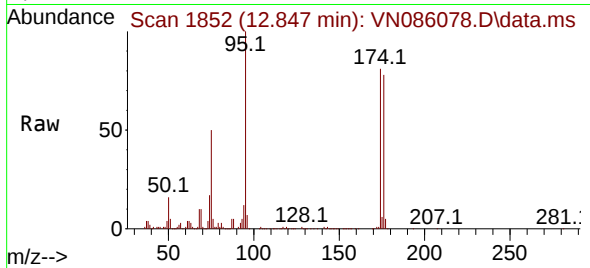




#62
4-Bromofluorobenzene
Concen: 49.275 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

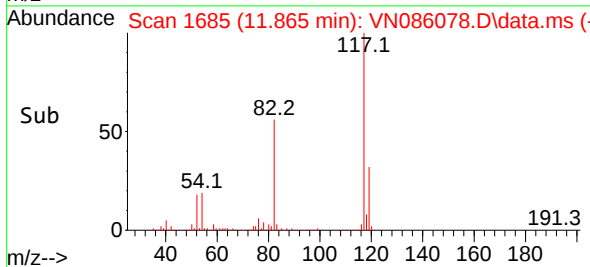
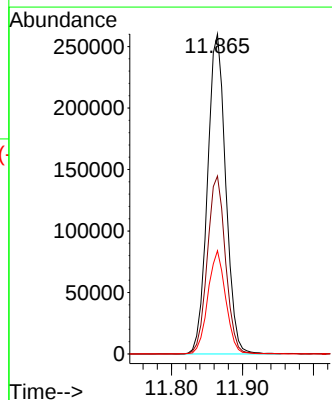
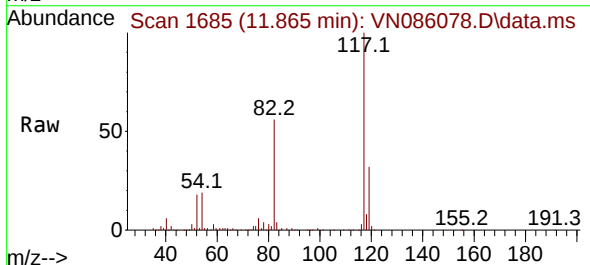
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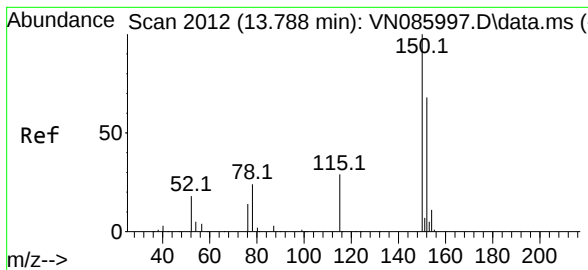
Tgt Ion: 95 Resp: 221674
Ion Ratio Lower Upper
95 100
174 79.2 0.0 156.8
176 75.8 0.0 152.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN086078.D
Acq: 24 Mar 2025 17:37

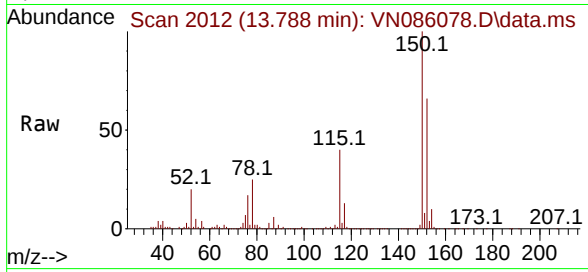
Tgt Ion: 117 Resp: 463569
Ion Ratio Lower Upper
117 100
82 55.6 46.7 70.1
119 32.2 26.5 39.7





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086078.D
 Acq: 24 Mar 2025 17:37

Instrument :
 MSVOA_N
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Tgt Ion:152 Resp: 211128
 Ion Ratio Lower Upper
 152 100
 115 60.2 31.1 93.2
 150 157.6 0.0 359.6

