

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086124.D
 Acq On : 26 Mar 2025 14:23
 Operator : JC\MD
 Sample : Q1634-01
 Misc : 5.08g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-01-032425

Quant Time: Mar 27 01:36:56 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)

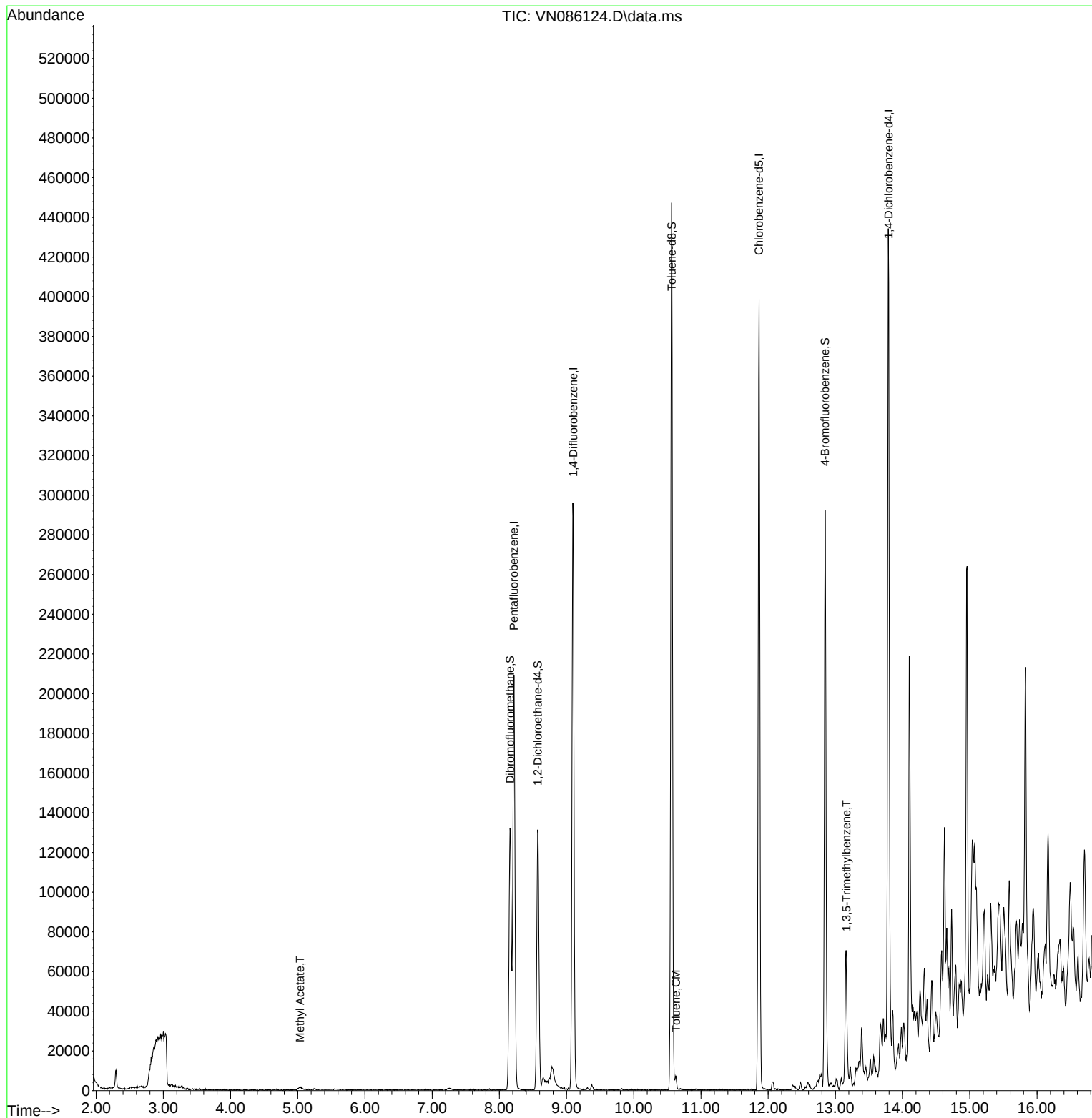
Internal Standards						
1) Pentafluorobenzene	8.218	168	144213	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	259252	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	233241	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	113248	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.571	65	111909	56.669	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.340%	
35) Dibromofluoromethane	8.159	113	97291	53.765	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	107.540%	
50) Toluene-d8	10.565	98	317317	48.317	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	96.640%	
62) 4-Bromofluorobenzene	12.847	95	100302	42.825	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	85.660%	
Target Compounds						
						Qvalue
18) Methyl Acetate	5.036	43	3208	2.149	ug/l	# 85
52) Toluene	10.629	92	1796	0.391	ug/l	88
80) 1,3,5-Trimethylbenzene	13.164	105	4223	0.647	ug/l	99

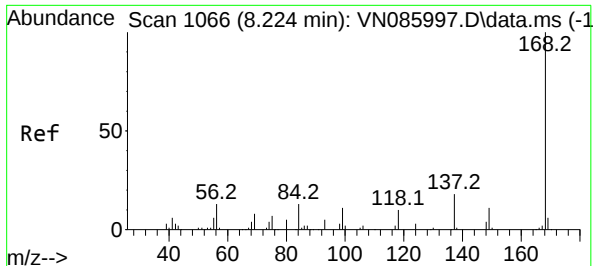
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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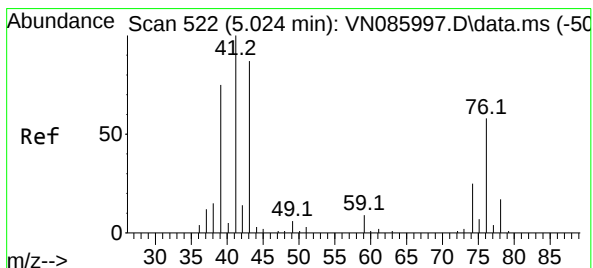
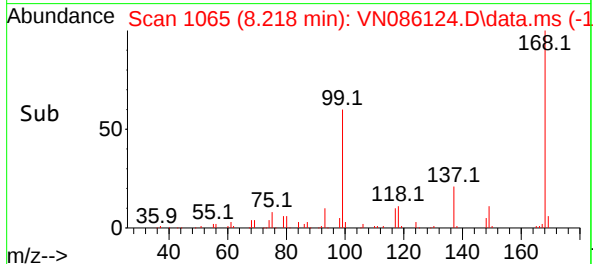
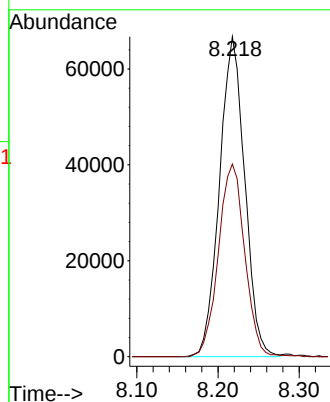
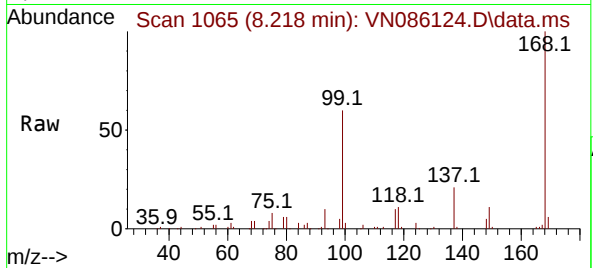




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

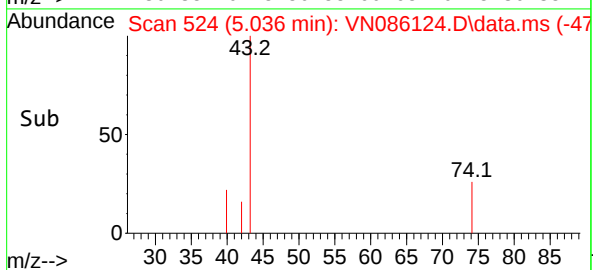
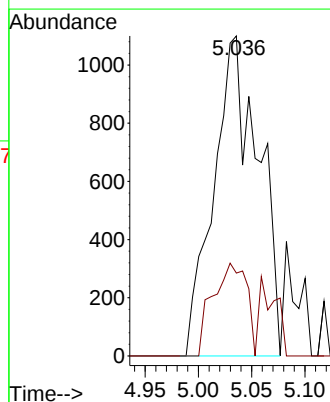
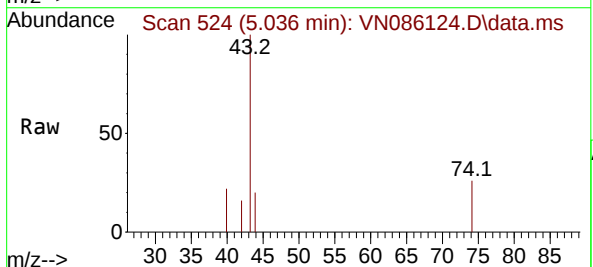
Instrument :
MSVOA_N
ClientSampleId :
HR-01-032425

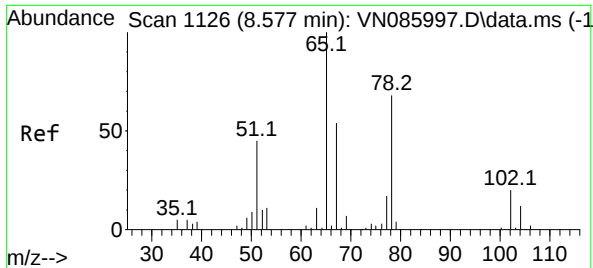
Tgt Ion:168 Resp: 144213
Ion Ratio Lower Upper
168 100
99 60.2 49.4 74.2



#18
Methyl Acetate
Concen: 2.149 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.011 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

Tgt Ion: 43 Resp: 3208
Ion Ratio Lower Upper
43 100
74 22.0 23.9 35.9#





#33

1,2-Dichloroethane-d4

Concen: 56.669 ug/l

RT: 8.571 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VN086124.D

Acq: 26 Mar 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

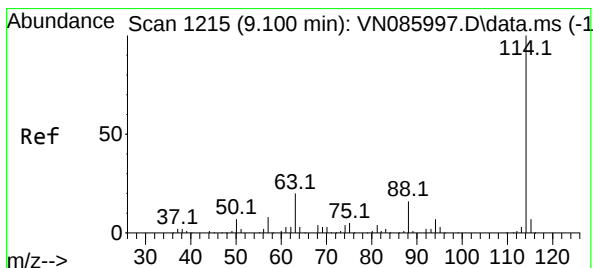
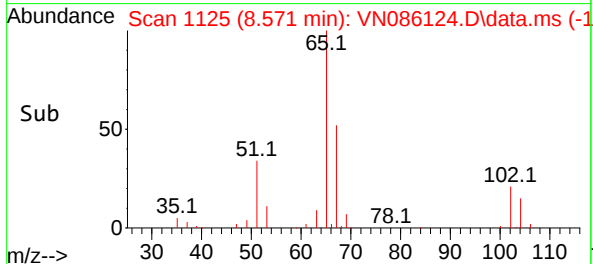
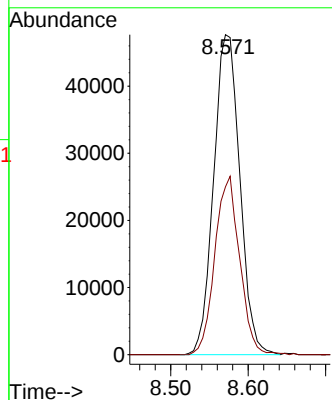
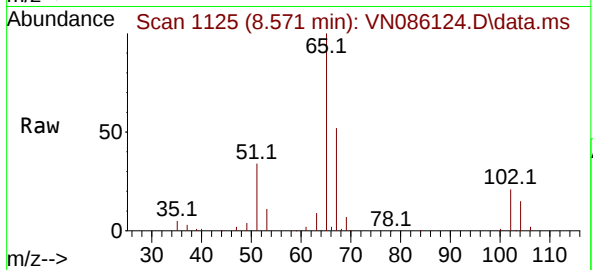
HR-01-032425

Tgt Ion: 65 Resp: 111909

Ion Ratio Lower Upper

65 100

67 52.8 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: VN086124.D

Acq: 26 Mar 2025 14:23

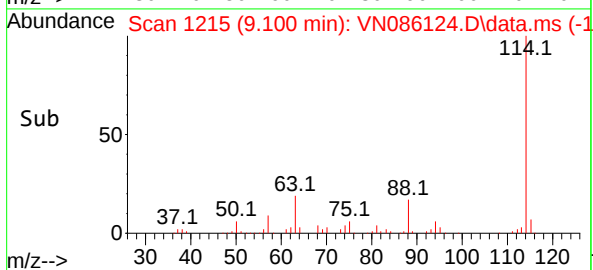
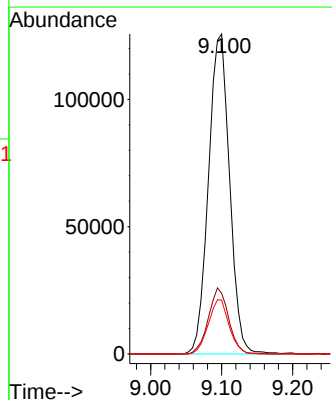
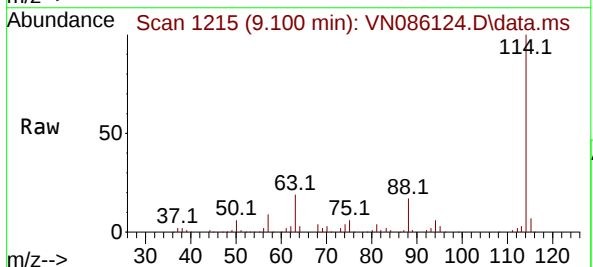
Tgt Ion: 114 Resp: 259252

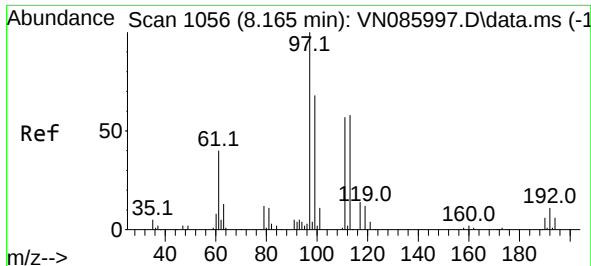
Ion Ratio Lower Upper

114 100

63 18.9 0.0 39.6

88 16.8 0.0 32.6





#35

Dibromofluoromethane

Concen: 53.765 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086124.D

Acq: 26 Mar 2025 14:23

Instrument :

MSVOA_N

ClientSampleId :

HR-01-032425

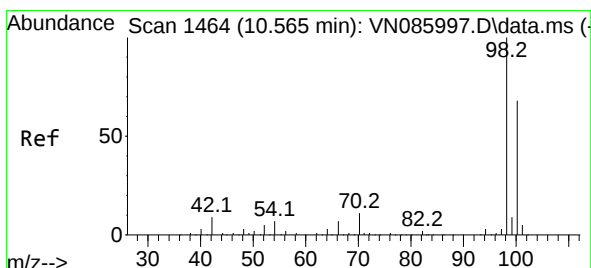
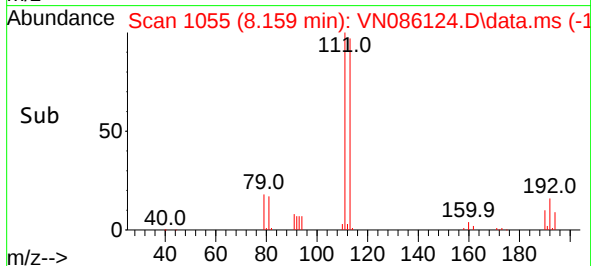
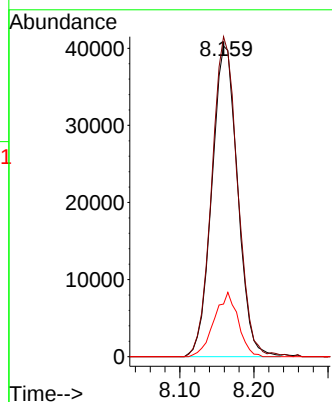
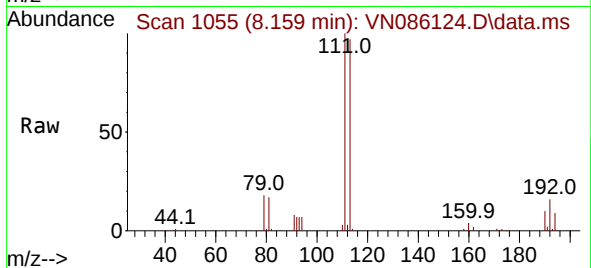
Tgt Ion:113 Resp: 97291

Ion Ratio Lower Upper

113 100

111 103.1 81.8 122.8

192 19.3 15.9 23.9



#50

Toluene-d8

Concen: 48.317 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086124.D

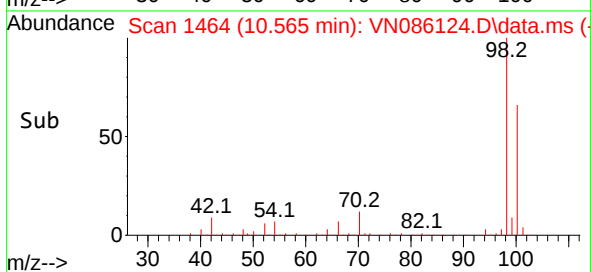
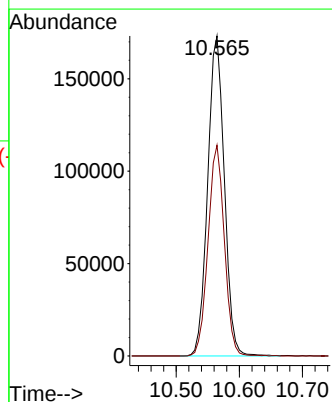
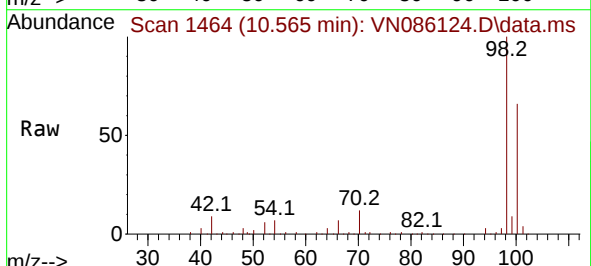
Acq: 26 Mar 2025 14:23

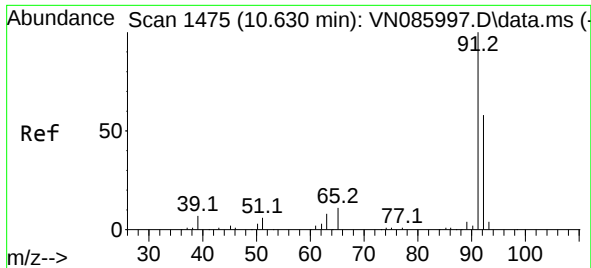
Tgt Ion: 98 Resp: 317317

Ion Ratio Lower Upper

98 100

100 64.5 53.1 79.7

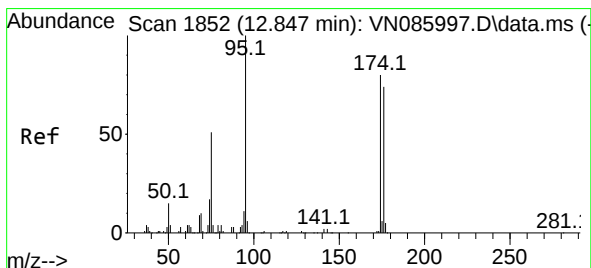
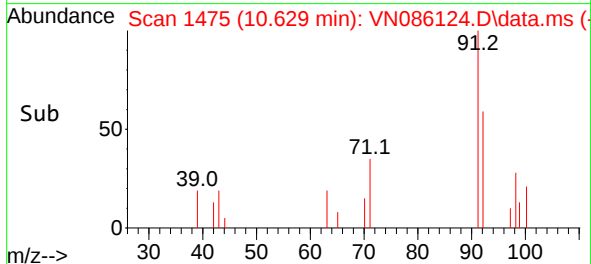
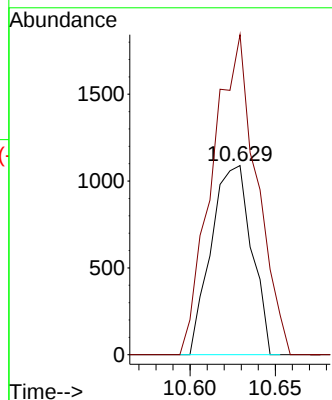
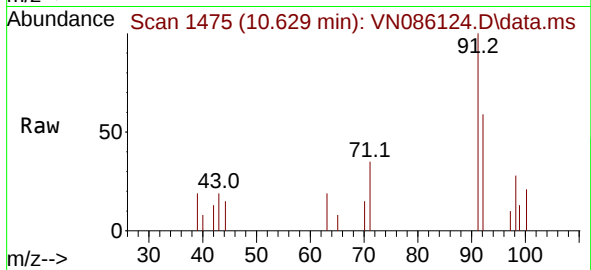




#52
Toluene
Concen: 0.391 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.000 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

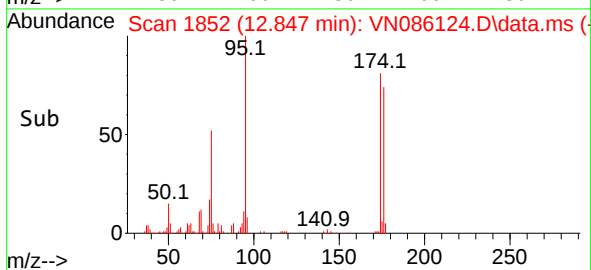
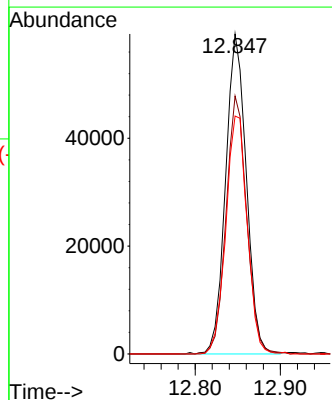
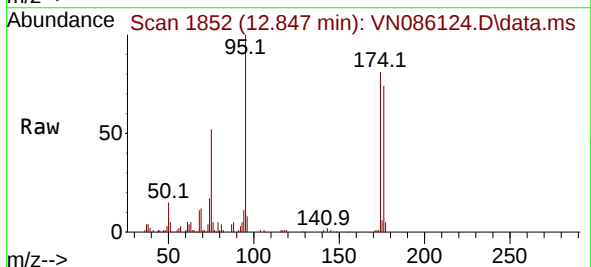
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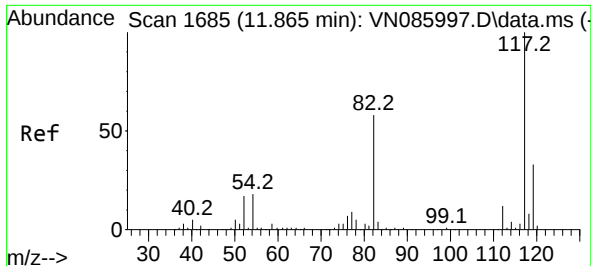
Tgt Ion: 92 Resp: 1796
Ion Ratio Lower Upper
92 100
91 186.7 136.2 204.4



#62
4-Bromofluorobenzene
Concen: 42.825 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

Tgt Ion: 95 Resp: 100302
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 76.9 0.0 152.2

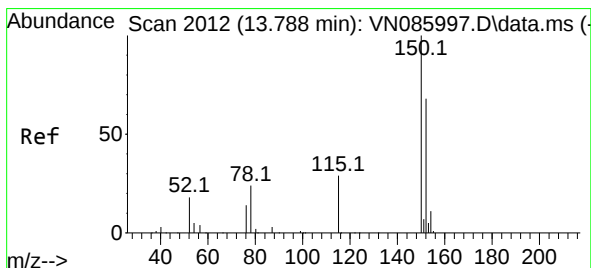
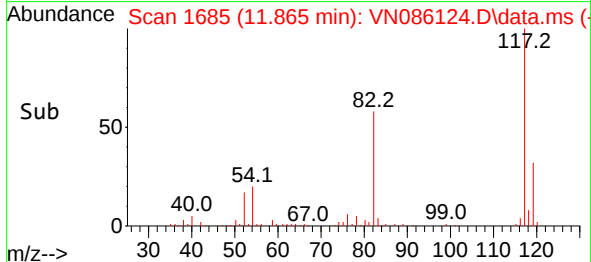
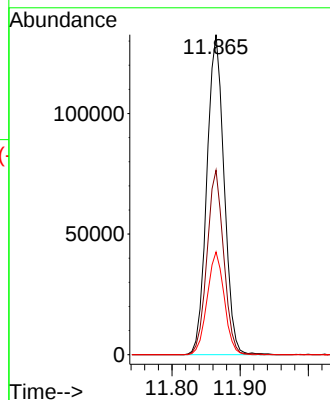
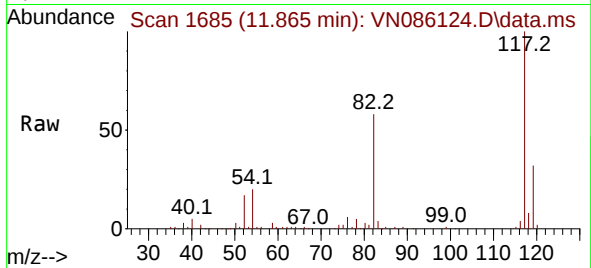




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

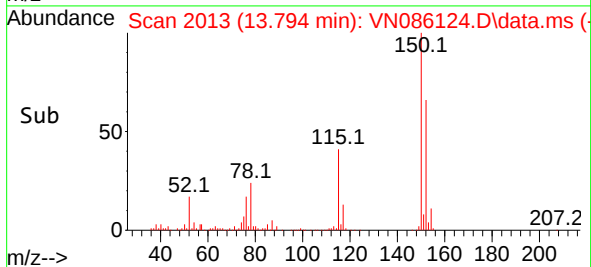
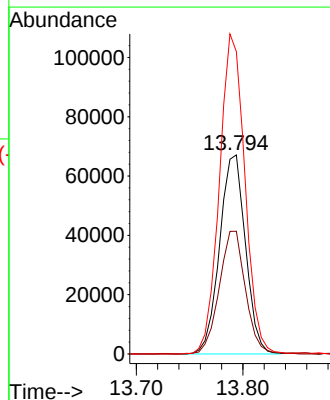
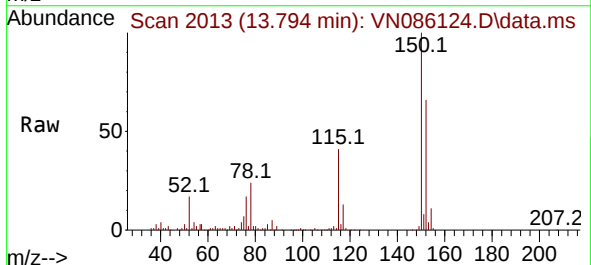
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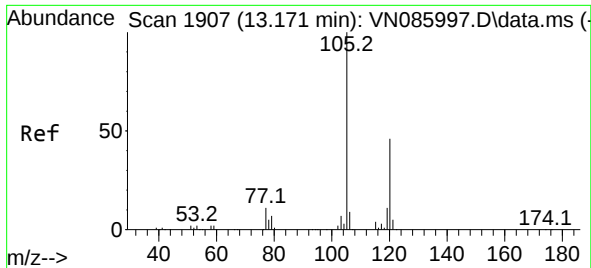
Tgt Ion:117 Resp: 233241
Ion Ratio Lower Upper
117 100
82 57.6 46.7 70.1
119 32.1 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.794 min Scan# 2013
Delta R.T. 0.006 min
Lab File: VN086124.D
Acq: 26 Mar 2025 14:23

Tgt Ion:152 Resp: 113248
Ion Ratio Lower Upper
152 100
115 62.5 31.1 93.2
150 158.1 0.0 359.6





#80
 1,3,5-Trimethylbenzene
 Concen: 0.647 ug/l
 RT: 13.164 min Scan# 1906
 Delta R.T. -0.006 min
 Lab File: VN086124.D
 Acq: 26 Mar 2025 14:23

Instrument :
 MSVOA_N
 ClientSampleId :
 HR-01-032425

Tgt Ion:105 Resp: 4223
 Ion Ratio Lower Upper
 105 100
 120 46.6 23.7 71.1

