

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032625\
 Data File : VN086134.D
 Acq On : 26 Mar 2025 18:24
 Operator : JC\MD
 Sample : Q1644-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 031925

Quant Time: Mar 27 01:43:51 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)

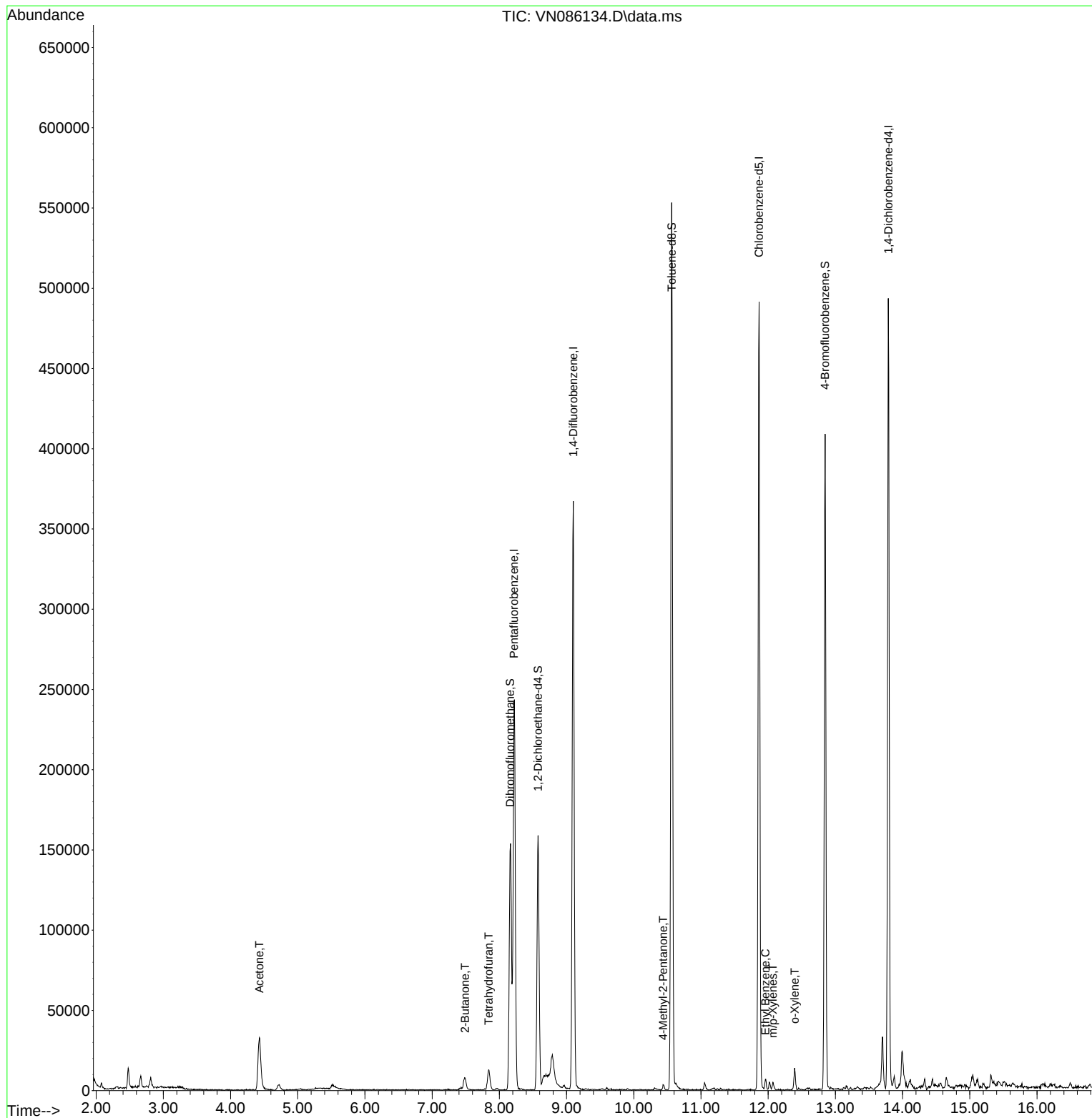
Internal Standards						
1) Pentafluorobenzene	8.218	168	176223	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	322337	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	294829	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	138985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	129246	53.560	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 107.120%		
35) Dibromofluoromethane	8.159	113	113762	50.564	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 101.120%		
50) Toluene-d8	10.565	98	391886	47.993	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 95.980%		
62) 4-Bromofluorobenzene	12.847	95	142239	48.845	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 97.680%		
Target Compounds						
						Qvalue
16) Acetone	4.430	43	61472	83.383	ug/l	95
25) 2-Butanone	7.489	43	13919	13.085	ug/l	89
29) Tetrahydrofuran	7.841	42	9206	14.018	ug/l	95
51) 4-Methyl-2-Pentanone	10.435	43	2388	1.000	ug/l #	86
67) Ethyl Benzene	11.959	91	5059	0.469	ug/l	99
68) m/p-Xylenes	12.071	106	1583	0.373	ug/l	81
69) o-Xylene	12.394	106	3591	0.922	ug/l	98

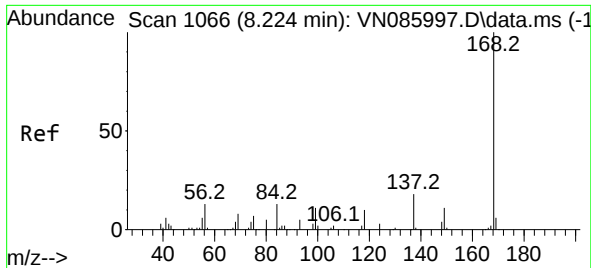
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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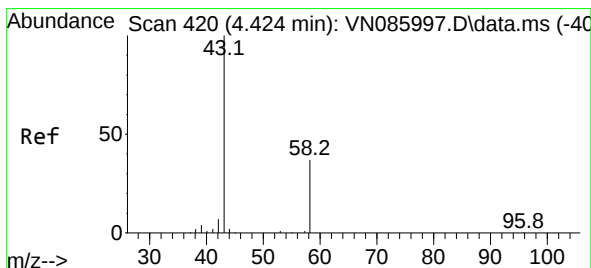
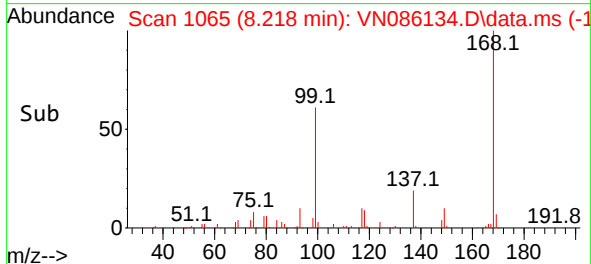
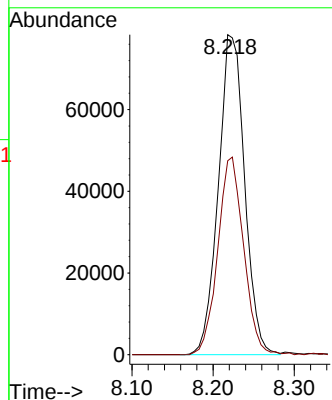
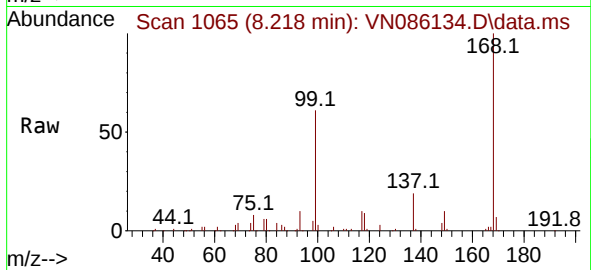




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.006 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

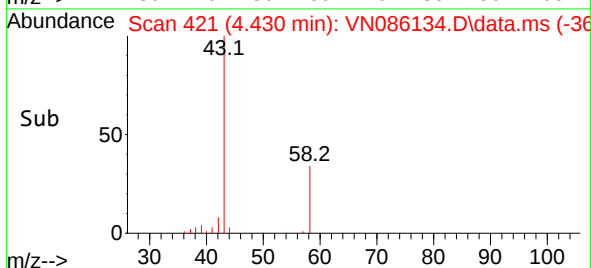
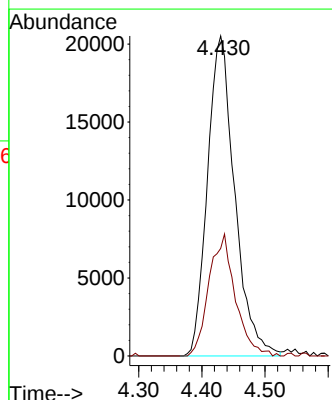
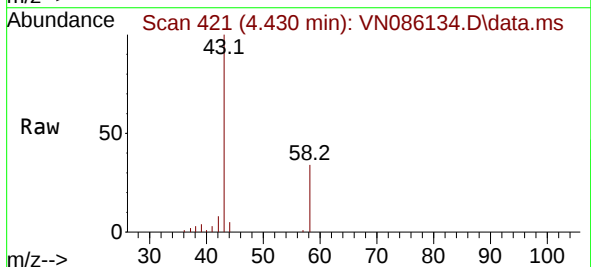
Instrument :
MSVOA_N
ClientSampleId :
031925

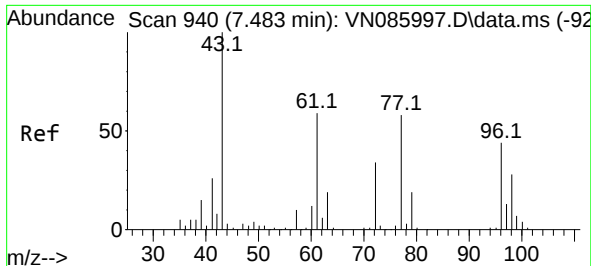
Tgt Ion:168 Resp: 176223
Ion Ratio Lower Upper
168 100
99 60.6 49.4 74.2



#16
Acetone
Concen: 83.383 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

Tgt Ion: 43 Resp: 61472
Ion Ratio Lower Upper
43 100
58 33.6 29.4 44.2

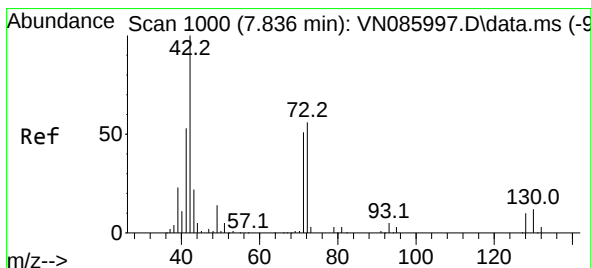
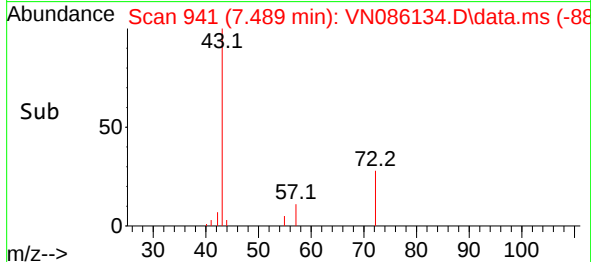
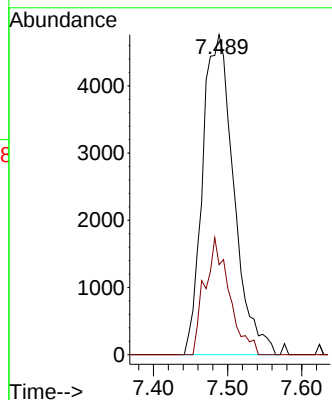
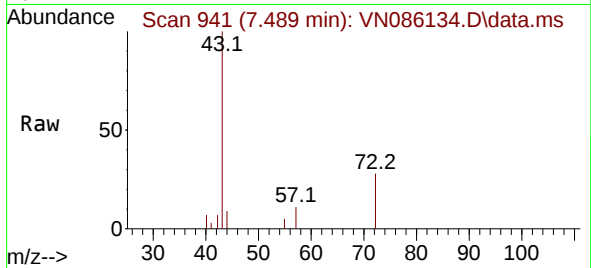




#25
2-Butanone
Concen: 13.085 ug/l
RT: 7.489 min Scan# 941
Delta R.T. 0.006 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

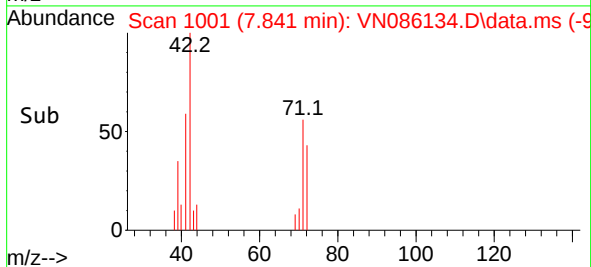
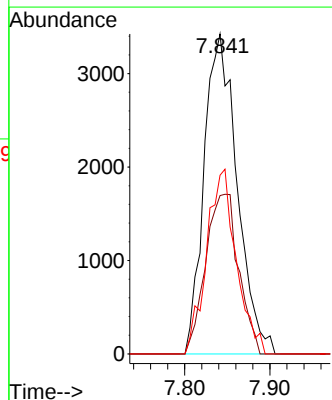
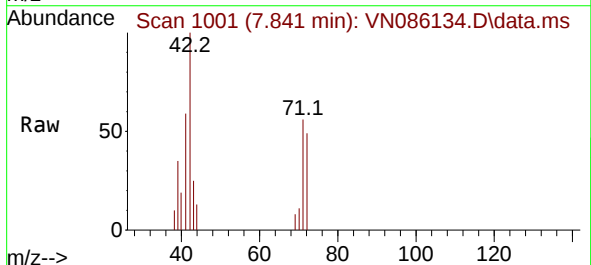
Instrument :
MSVOA_N
ClientSampleId :
031925

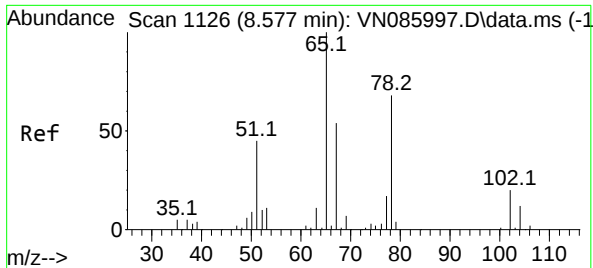
Tgt Ion: 43 Resp: 13919
Ion Ratio Lower Upper
43 100
72 28.2 27.4 41.0



#29
Tetrahydrofuran
Concen: 14.018 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.006 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

Tgt Ion: 42 Resp: 9206
Ion Ratio Lower Upper
42 100
72 49.9 45.0 67.4
71 51.8 41.9 62.9

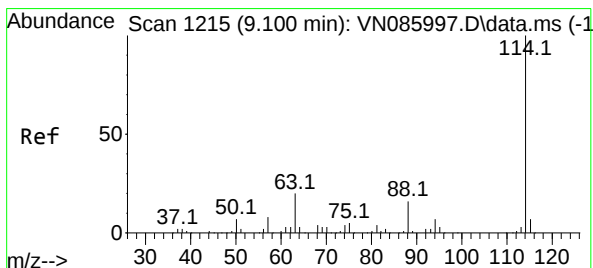
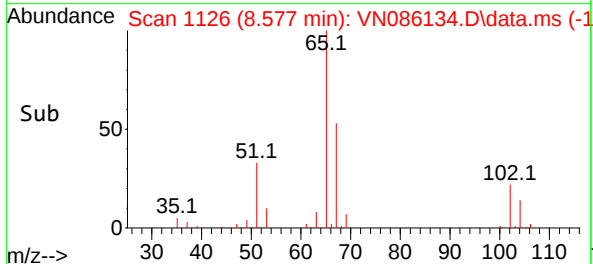
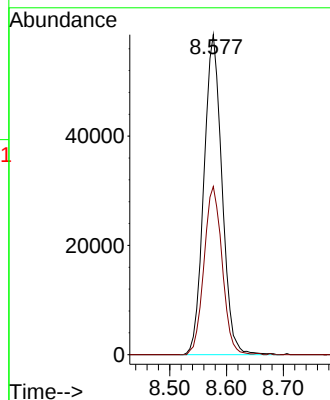
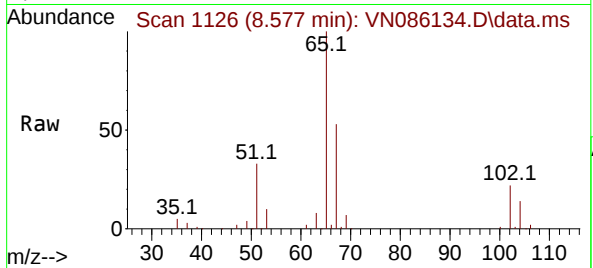




#33
 1,2-Dichloroethane-d4
 Concen: 53.560 ug/l
 RT: 8.577 min Scan# 1126
 Delta R.T. -0.000 min
 Lab File: VN086134.D
 Acq: 26 Mar 2025 18:24

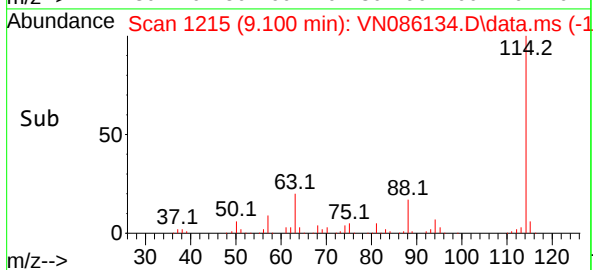
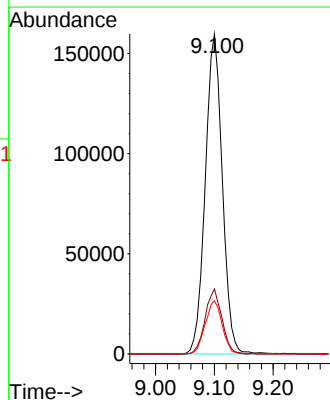
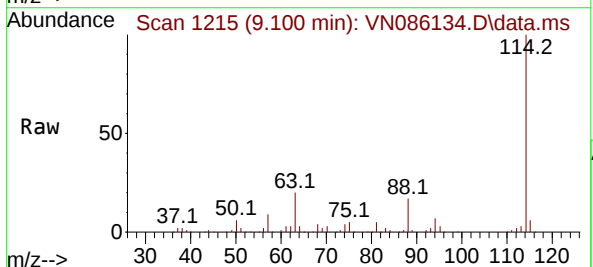
Instrument :
 MSVOA_N
 ClientSampleId :
 031925

Tgt Ion: 65 Resp: 129246
 Ion Ratio Lower Upper
 65 100
 67 52.6 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: VN086134.D
 Acq: 26 Mar 2025 18:24

Tgt Ion: 114 Resp: 322337
 Ion Ratio Lower Upper
 114 100
 63 20.3 0.0 39.6
 88 16.6 0.0 32.6





#35

Dibromofluoromethane

Concen: 50.564 ug/l

RT: 8.159 min Scan# 1055

Delta R.T. -0.006 min

Lab File: VN086134.D

Acq: 26 Mar 2025 18:24

Instrument :

MSVOA_N

ClientSampleId :

031925

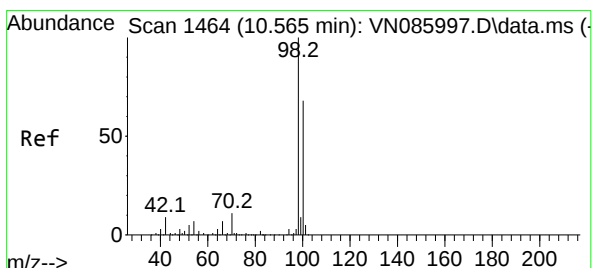
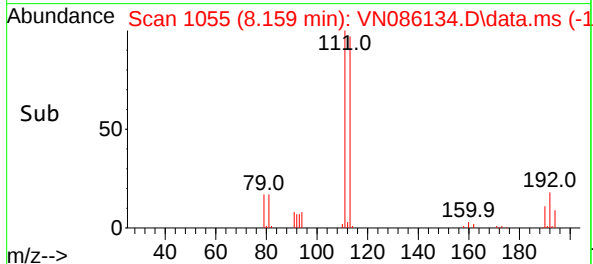
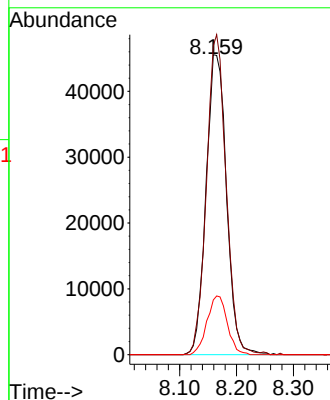
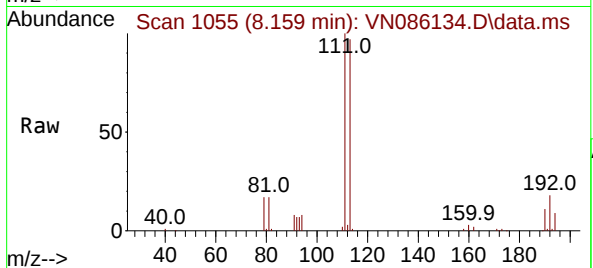
Tgt Ion:113 Resp: 113762

Ion Ratio Lower Upper

113 100

111 102.2 81.8 122.8

192 19.4 15.9 23.9



#50

Toluene-d8

Concen: 47.993 ug/l

RT: 10.565 min Scan# 1464

Delta R.T. -0.000 min

Lab File: VN086134.D

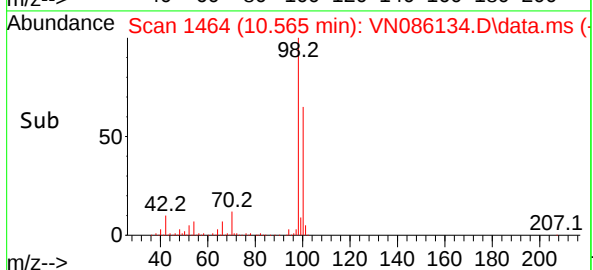
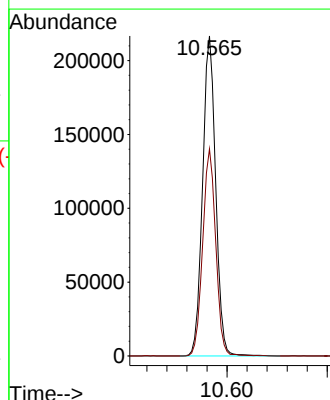
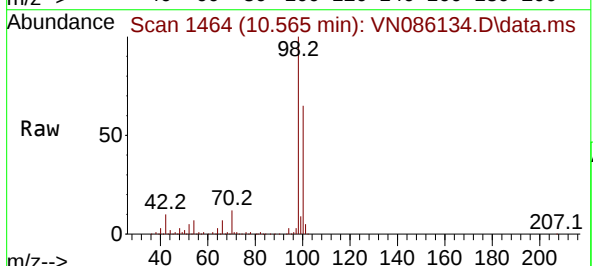
Acq: 26 Mar 2025 18:24

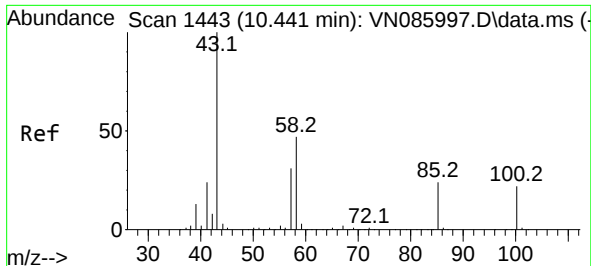
Tgt Ion: 98 Resp: 391886

Ion Ratio Lower Upper

98 100

100 64.6 53.1 79.7

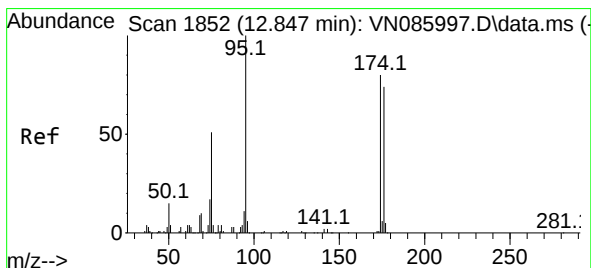
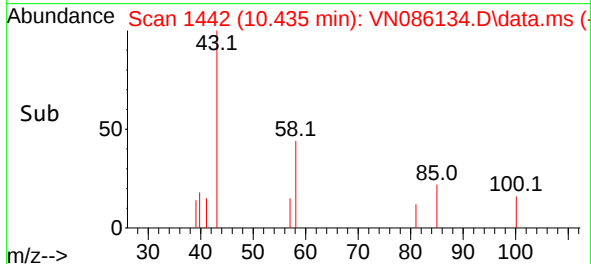
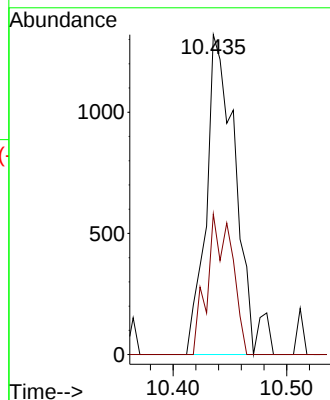
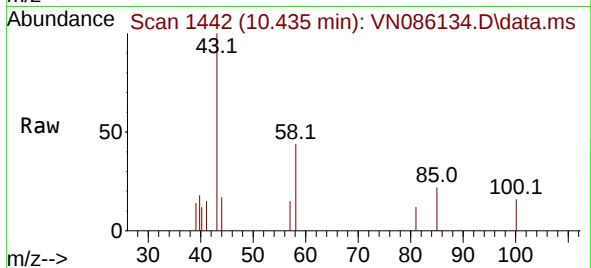




#51
4-Methyl-2-Pentanone
Concen: 1.000 ug/l
RT: 10.435 min Scan# 1443
Delta R.T. -0.006 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

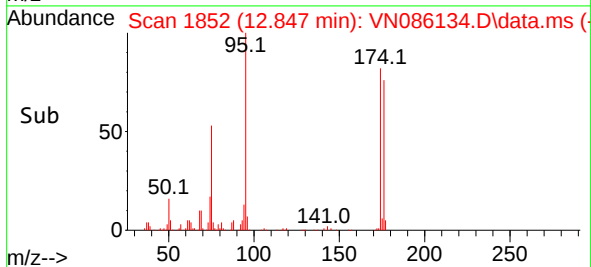
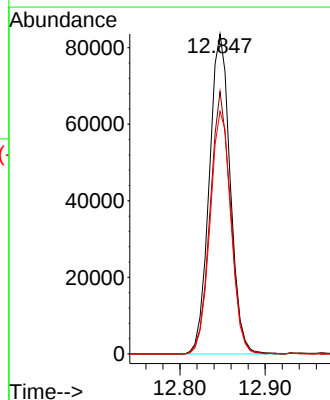
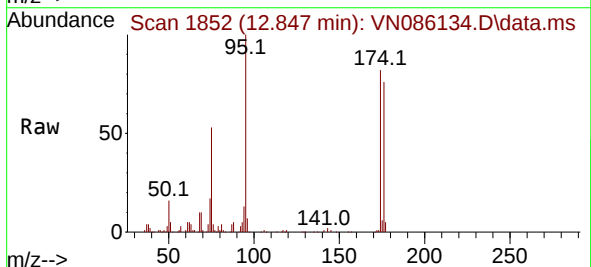
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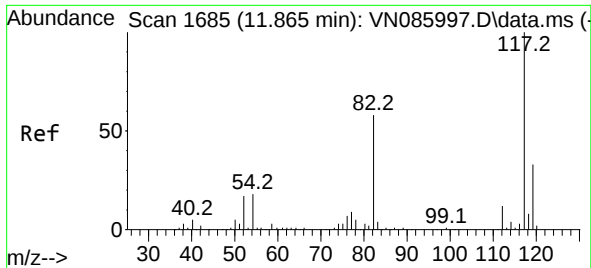
Tgt Ion: 43 Resp: 2388
Ion Ratio Lower Upper
43 100
58 37.1 37.4 56.0#



#62
4-Bromofluorobenzene
Concen: 48.845 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

Tgt Ion: 95 Resp: 142239
Ion Ratio Lower Upper
95 100
174 80.3 0.0 156.8
176 75.7 0.0 152.2

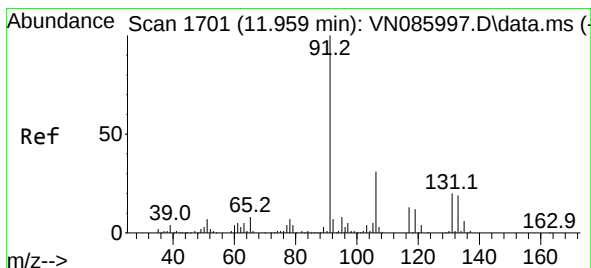
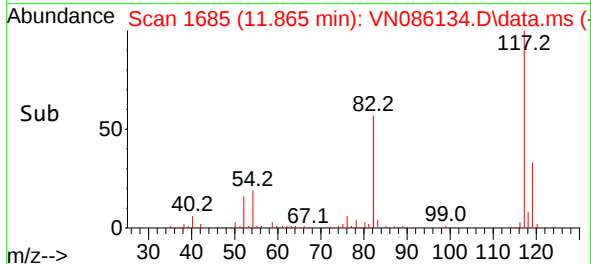
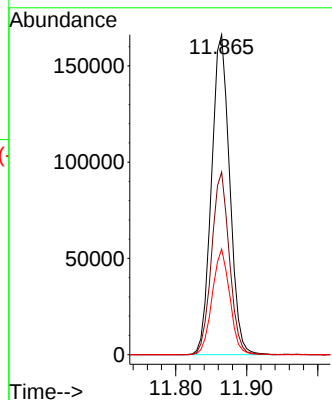
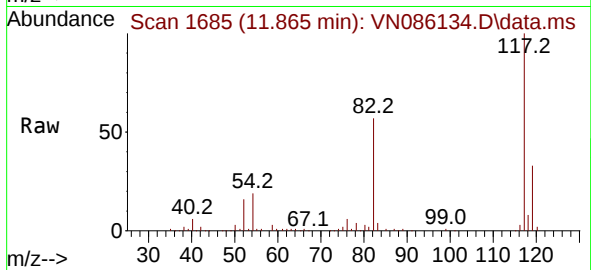




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

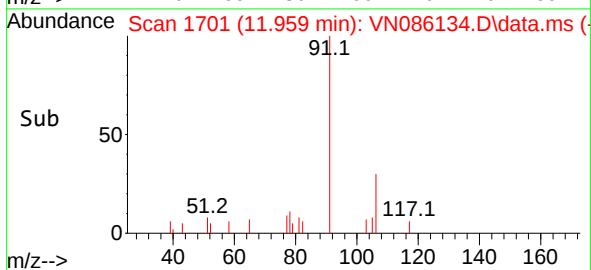
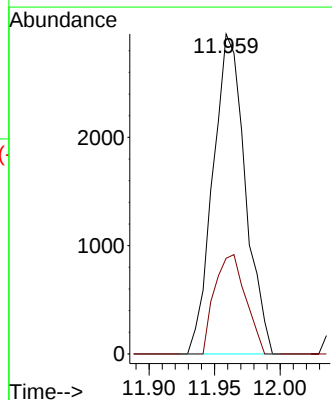
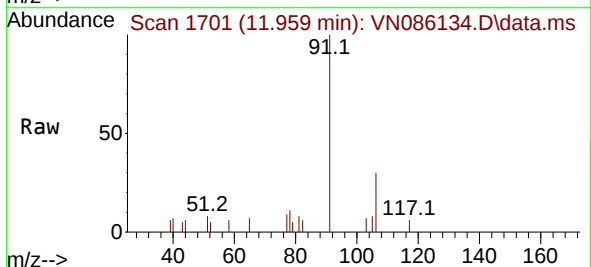
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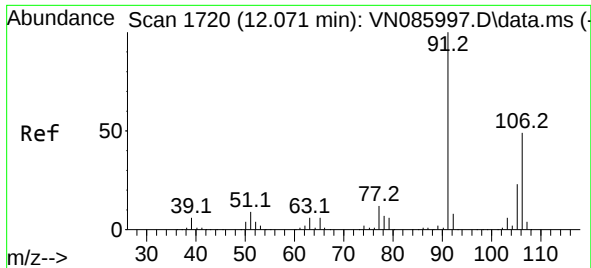
Tgt Ion:117 Resp: 294829
Ion Ratio Lower Upper
117 100
82 57.1 46.7 70.1
119 33.0 26.5 39.7



#67
Ethyl Benzene
Concen: 0.469 ug/l
RT: 11.959 min Scan# 1701
Delta R.T. -0.000 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

Tgt Ion: 91 Resp: 5059
Ion Ratio Lower Upper
91 100
106 29.9 24.5 36.7

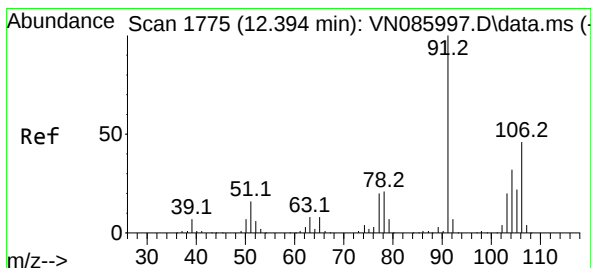
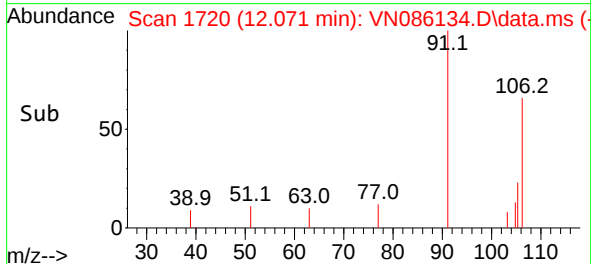
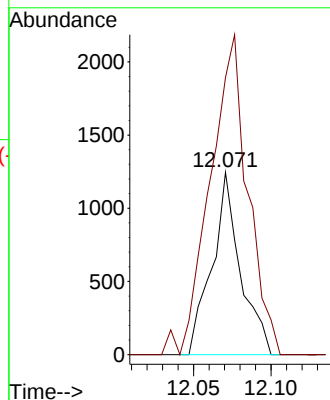
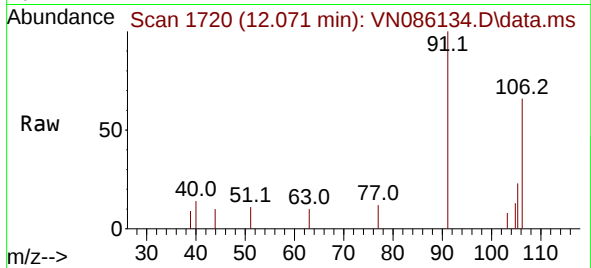




#68
m/p-Xylenes
Concen: 0.373 ug/l
RT: 12.071 min Scan# 1720
Delta R.T. -0.000 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

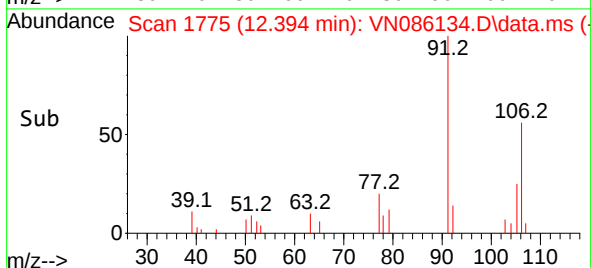
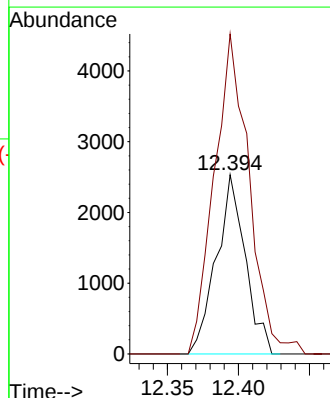
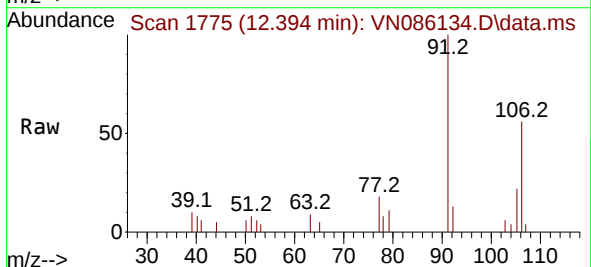
Instrument :
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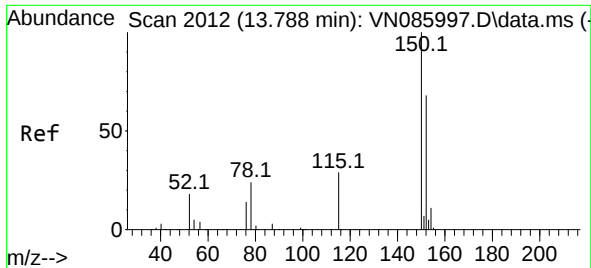
Tgt Ion:106 Resp: 1583
Ion Ratio Lower Upper
106 100
91 233.8 163.9 245.9



#69
o-Xylene
Concen: 0.922 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.000 min
Lab File: VN086134.D
Acq: 26 Mar 2025 18:24

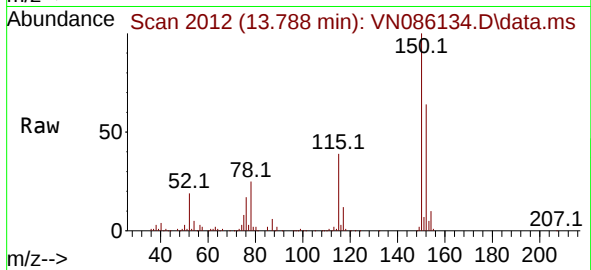
Tgt Ion:106 Resp: 3591
Ion Ratio Lower Upper
106 100
91 214.9 109.1 327.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 20
 Delta R.T. -0.000 min
 Lab File: VN086134.D
 Acq: 26 Mar 2025 18:24

Instrument :
 MSVOA_N
 ClientSampleId :
 031925



Tgt Ion:152 Resp: 138985
 Ion Ratio Lower Upper
 152 100
 115 59.8 31.1 93.2
 150 156.5 0.0 359.6

