

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN050525\
 Data File : VN086487.D
 Acq On : 05 May 2025 15:36
 Operator : JC\MD
 Sample : Q1942-04
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: May 06 01:45:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N041525W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 16 04:19:23 2025
 Response via : Initial Calibration

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

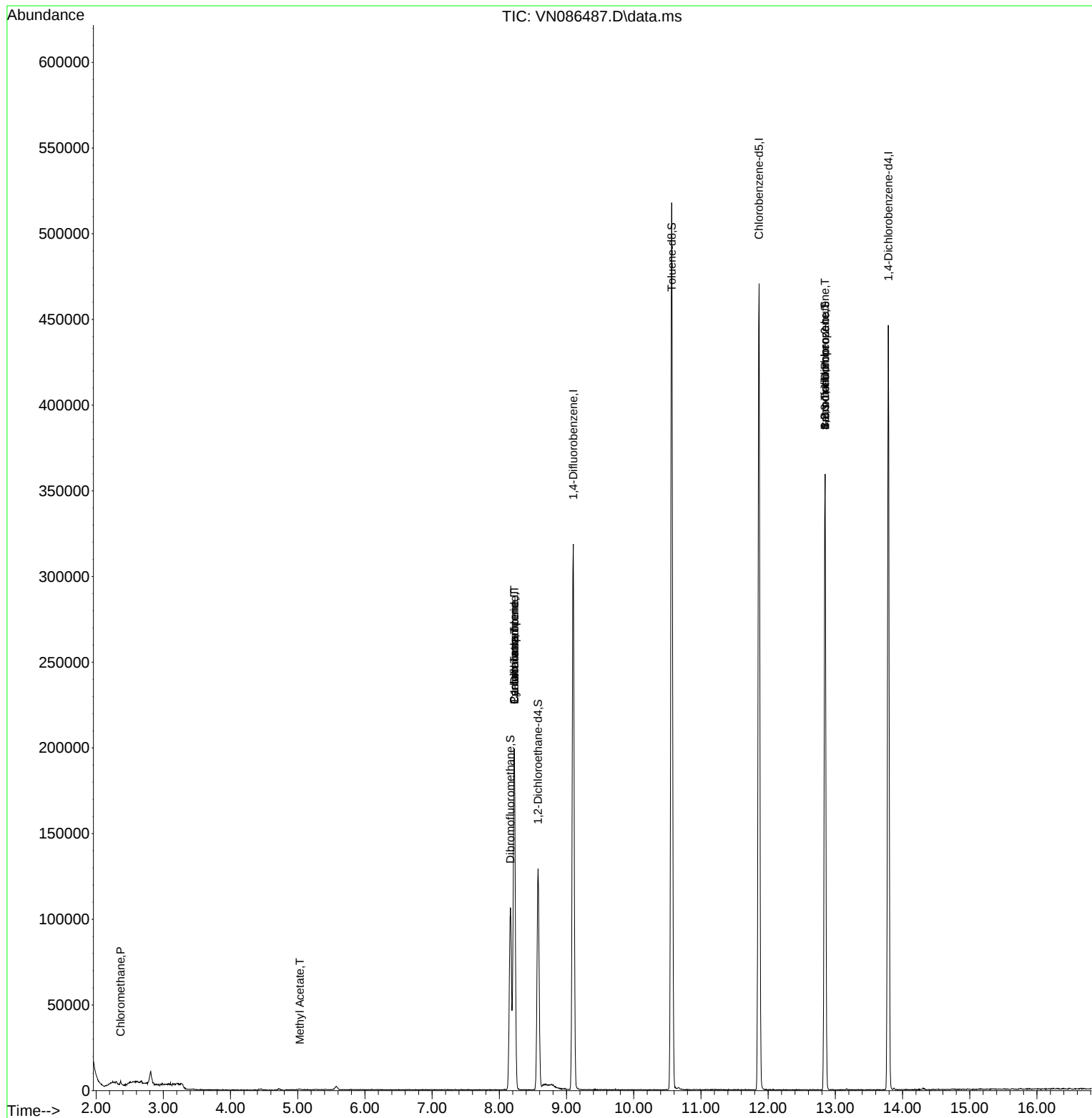
Internal Standards						
1) Pentafluorobenzene	8.224	168	148619	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	278602	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	275033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	118994	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	104841	48.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.300%
35) Dibromofluoromethane	8.165	113	78097	60.399	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	120.800%
50) Toluene-d8	10.565	98	362387	52.440	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	104.880%
62) 4-Bromofluorobenzene	12.847	95	128966	51.165	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	102.340%
Target Compounds						
3) Chloromethane	2.365	50	1372	0.536	ug/l	93
16) Acetone	4.430	43	928	Below Cal	#	43
18) Methyl Acetate	5.030	43	1042	0.403	ug/l #	51
31) Cyclohexane	8.224	56	3215	0.921	ug/l #	4
36) 1,1-Dichloropropene	8.224	75	12159	4.708	ug/l #	50
38) Carbon Tetrachloride	8.224	117	14685	5.971	ug/l #	16
43) Isopropyl Acetate	8.683	43	4075	Below Cal	#	55
71) Bromoform	12.847	173	729	0.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	66367	23.634	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	66367	56.761	ug/l #	10

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

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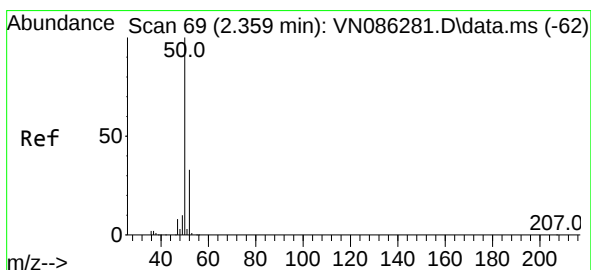
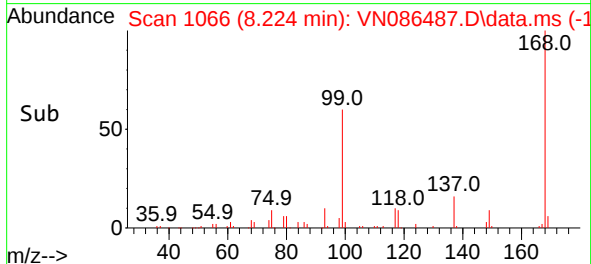
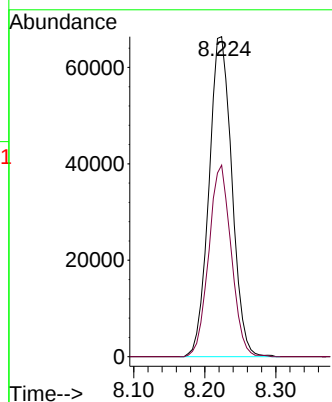
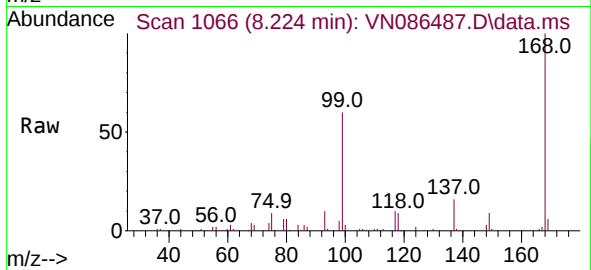




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

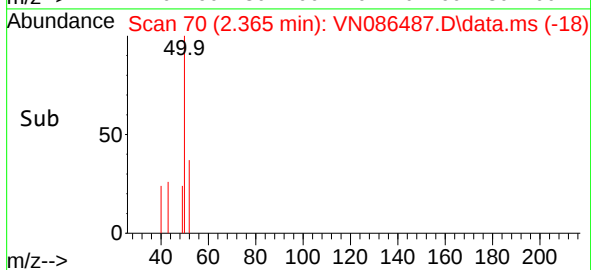
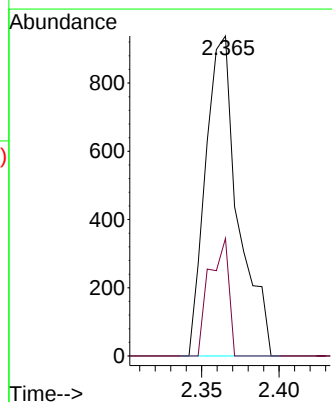
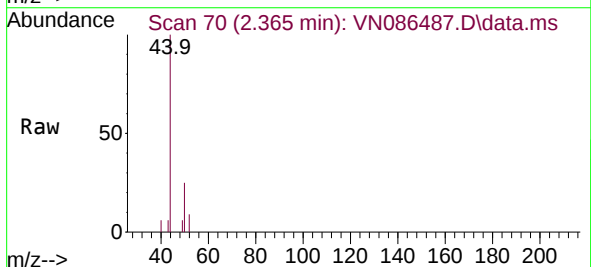
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

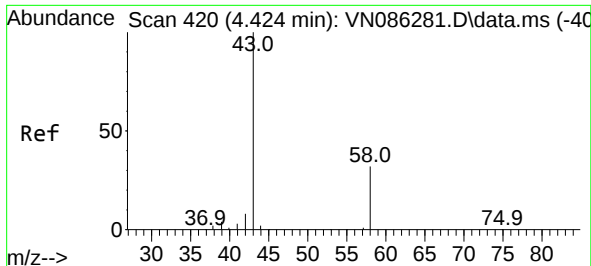
Tgt Ion:168 Resp: 148619
Ion Ratio Lower Upper
168 100
99 59.9 52.5 78.7



#3
Chloromethane
Concen: 0.536 ug/l
RT: 2.365 min Scan# 70
Delta R.T. 0.006 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 50 Resp: 1372
Ion Ratio Lower Upper
50 100
52 36.8 26.5 39.7

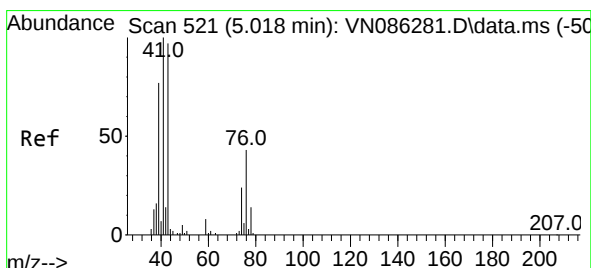
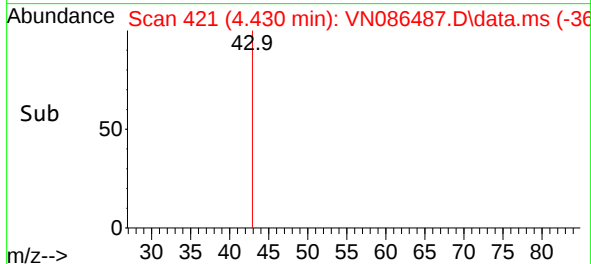
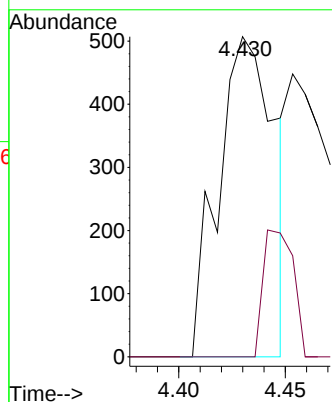
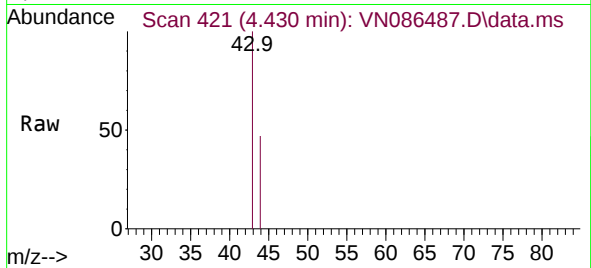




#16
Acetone
Concen: Below Cal
RT: 4.430 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

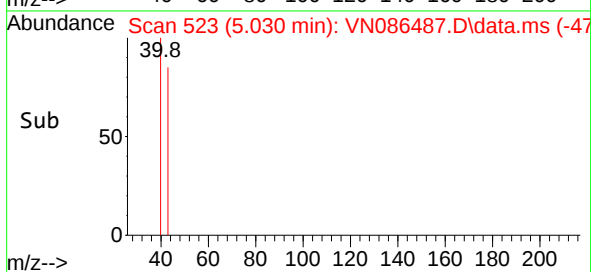
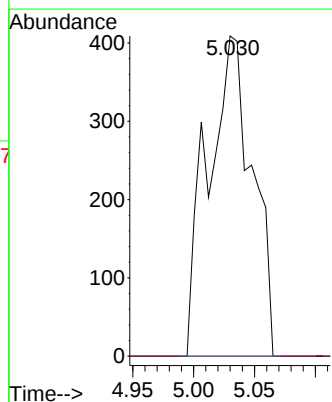
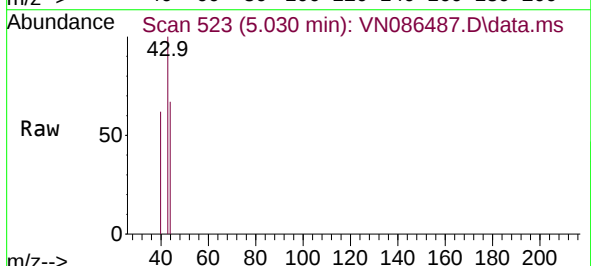
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

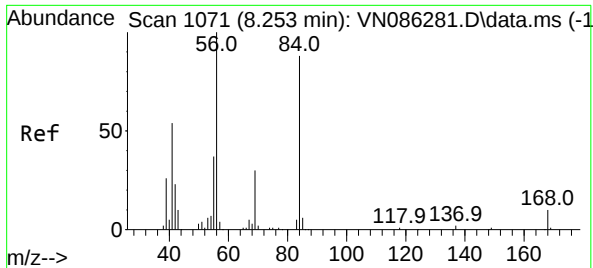
Tgt Ion: 43 Resp: 928
Ion Ratio Lower Upper
43 100
58 0.0 25.3 37.9#



#18
Methyl Acetate
Concen: 0.403 ug/l
RT: 5.030 min Scan# 523
Delta R.T. 0.012 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 43 Resp: 1042
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#

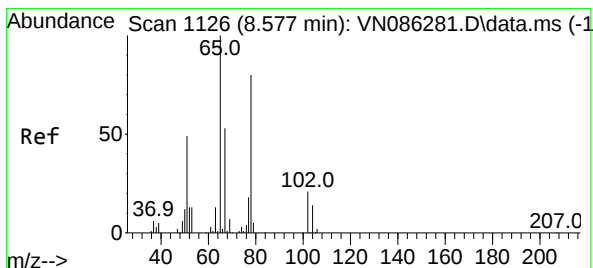
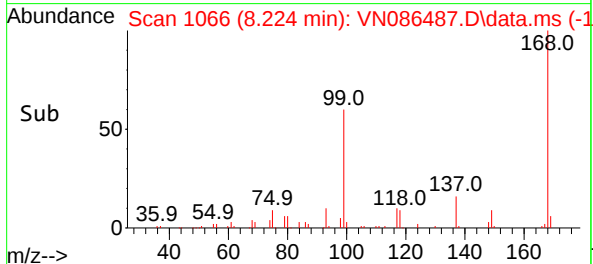
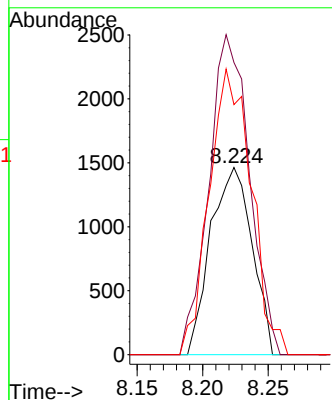
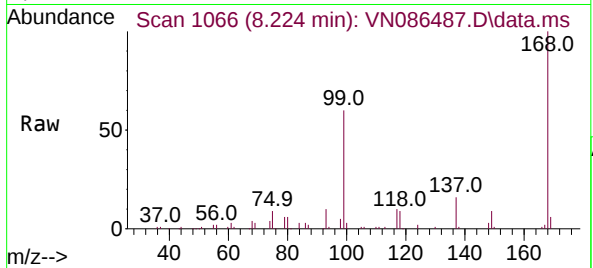




#31
Cyclohexane
Concen: 0.921 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.029 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

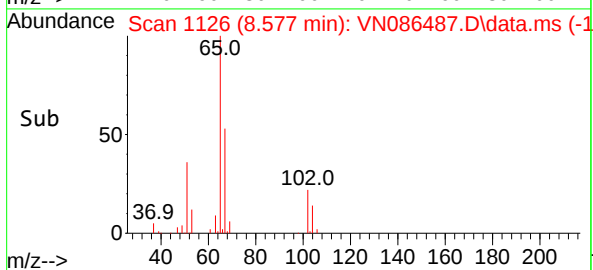
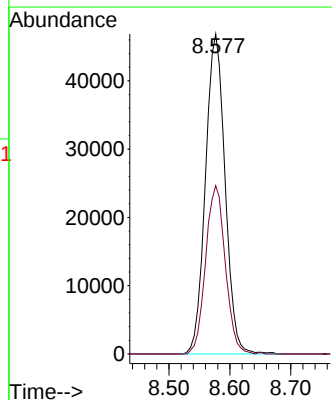
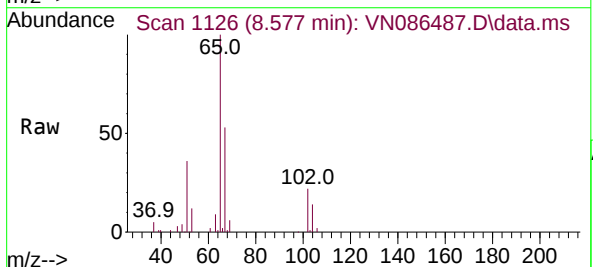
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

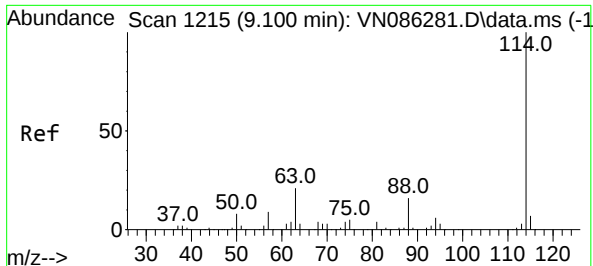
Tgt Ion: 56 Resp: 3215
Ion Ratio Lower Upper
56 100
69 156.0 24.2 36.2#
84 133.5 70.3 105.5#



#33
1,2-Dichloroethane-d4
Concen: 48.648 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 65 Resp: 104841
Ion Ratio Lower Upper
65 100
67 52.7 0.0 106.0

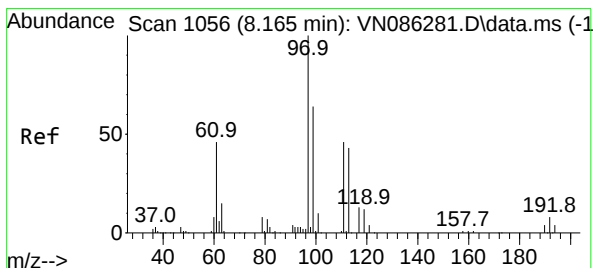
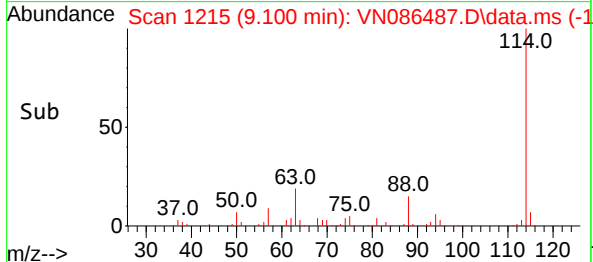
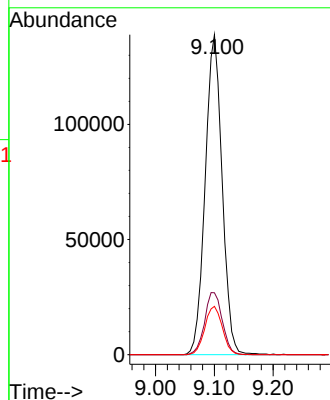
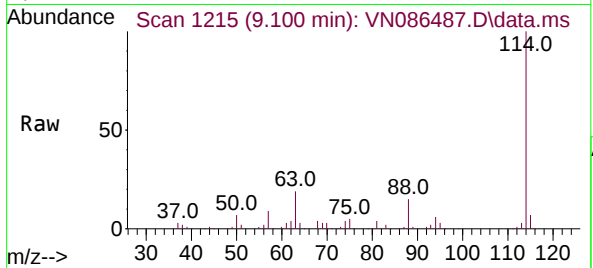




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.100 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

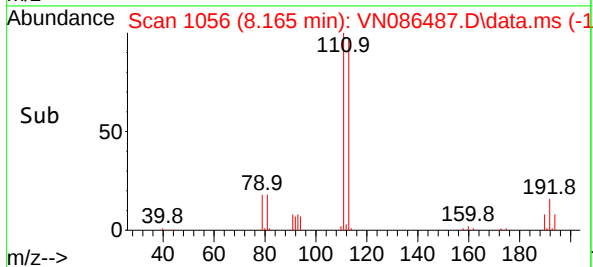
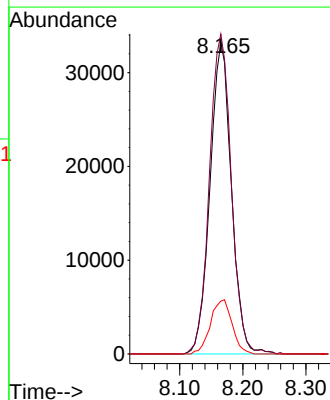
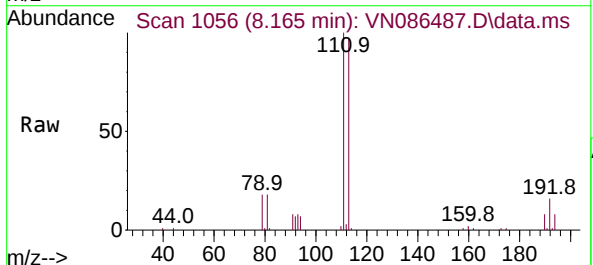
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

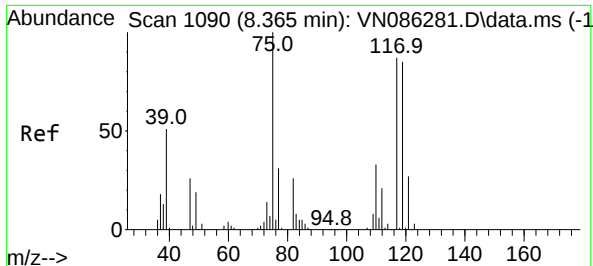
Tgt Ion:114 Resp: 278602
Ion Ratio Lower Upper
114 100
63 19.4 0.0 42.6
88 15.1 0.0 31.8



#35
Dibromofluoromethane
Concen: 60.399 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion:113 Resp: 78097
Ion Ratio Lower Upper
113 100
111 105.0 83.4 125.0
192 17.6 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.708 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

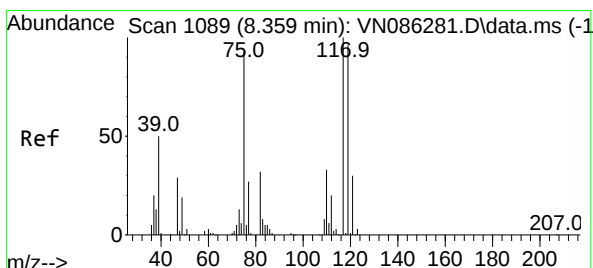
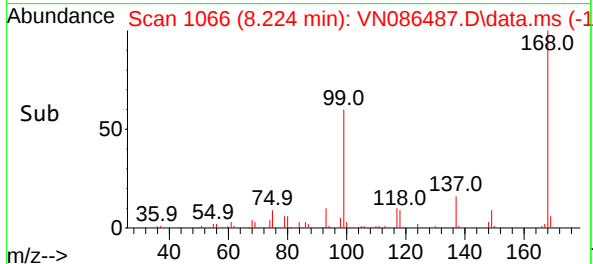
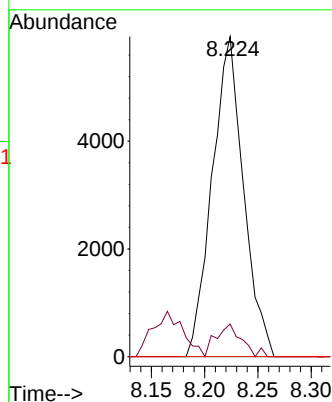
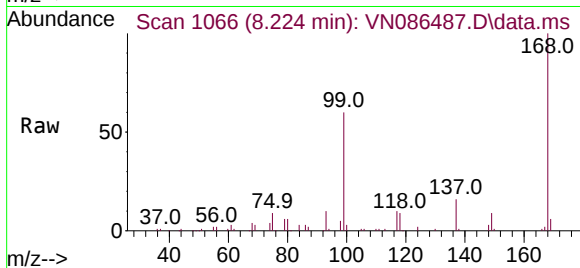
Tgt Ion: 75 Resp: 12159

Ion Ratio Lower Upper

75 100

110 8.4 16.8 50.4#

77 0.0 24.9 37.3#



#38

Carbon Tetrachloride

Concen: 5.971 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.135 min

Lab File: VN086487.D

Acq: 05 May 2025 15:36

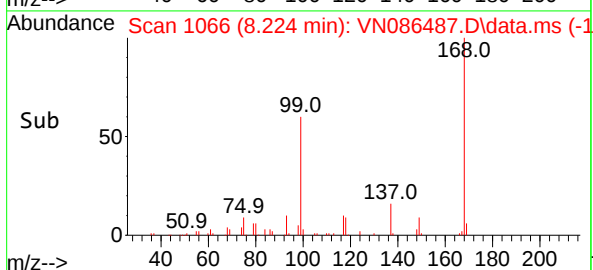
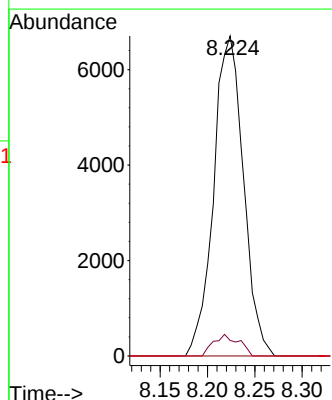
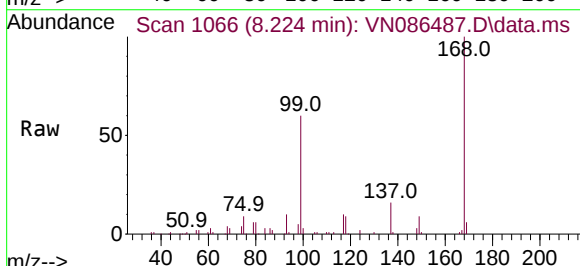
Tgt Ion: 117 Resp: 14685

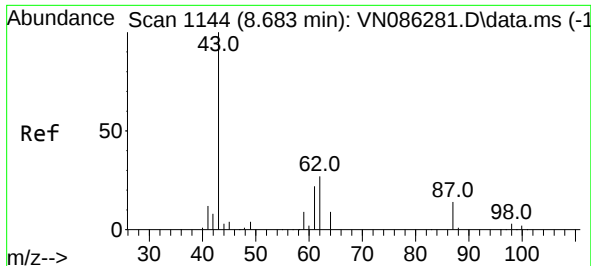
Ion Ratio Lower Upper

117 100

119 4.9 76.8 115.2#

121 0.0 23.8 35.8#

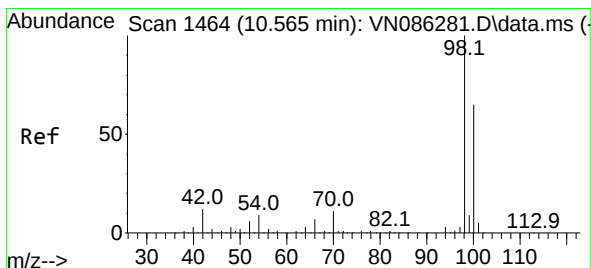
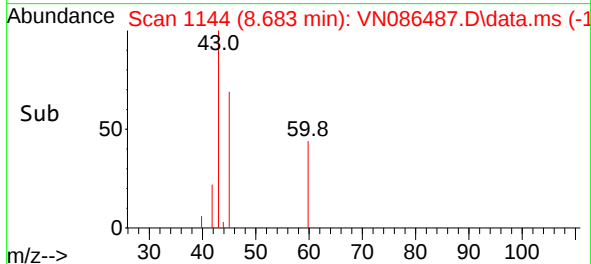
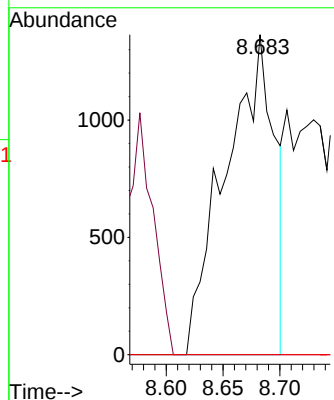
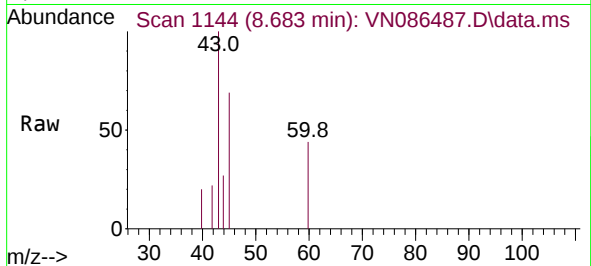




#43
Isopropyl Acetate
Concen: Below Cal
RT: 8.683 min Scan# 1144
Delta R.T. -0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

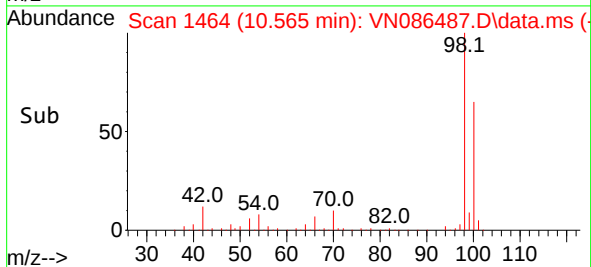
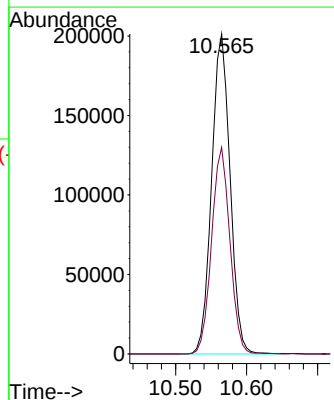
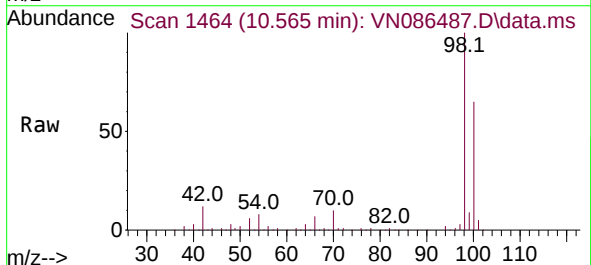
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

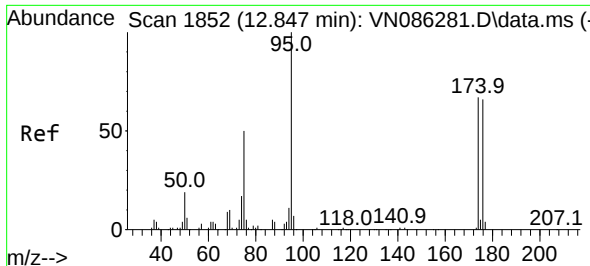
Tgt Ion: 43 Resp: 4075
Ion Ratio Lower Upper
43 100
61 0.0 20.5 30.7#
87 0.0 10.5 15.7#



#50
Toluene-d8
Concen: 52.440 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 98 Resp: 362387
Ion Ratio Lower Upper
98 100
100 64.3 52.5 78.7

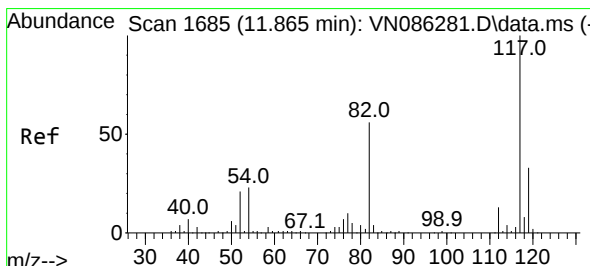
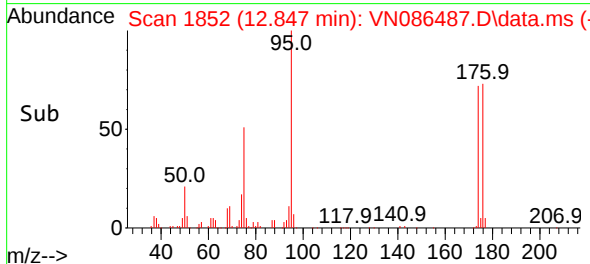
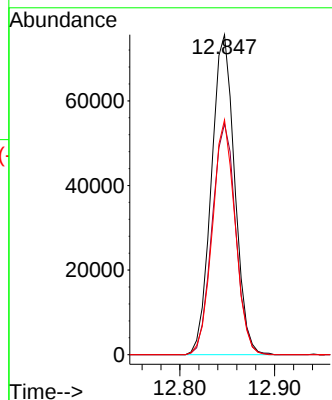
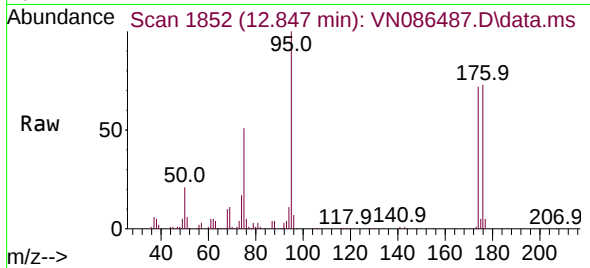




#62
4-Bromofluorobenzene
Concen: 51.165 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

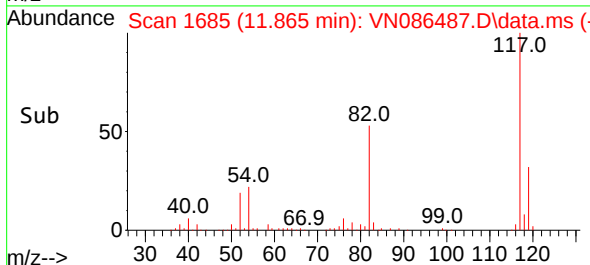
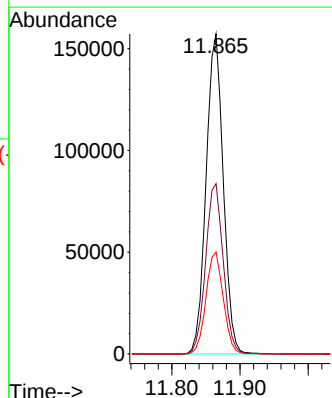
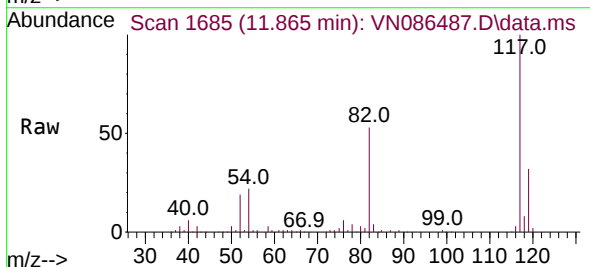
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

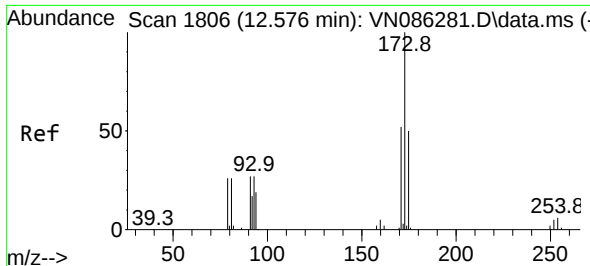
Tgt Ion: 95 Resp: 128966
Ion Ratio Lower Upper
95 100
174 73.1 0.0 133.4
176 71.5 0.0 129.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 117 Resp: 275033
Ion Ratio Lower Upper
117 100
82 53.2 44.7 67.1
119 31.9 26.4 39.6

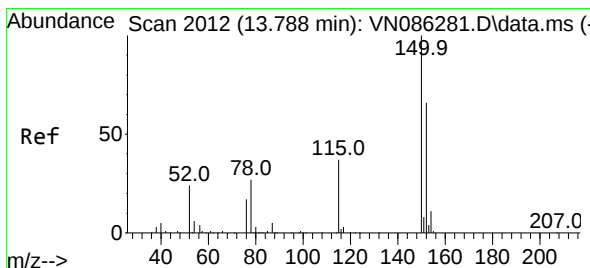
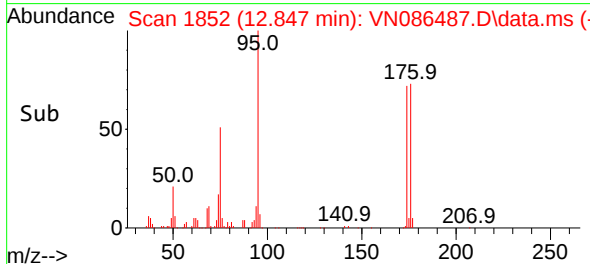
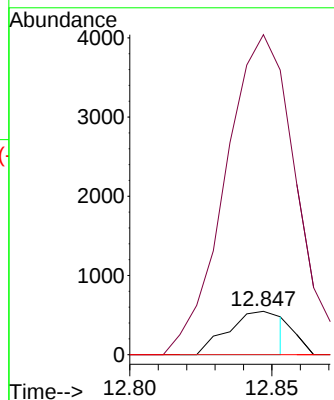
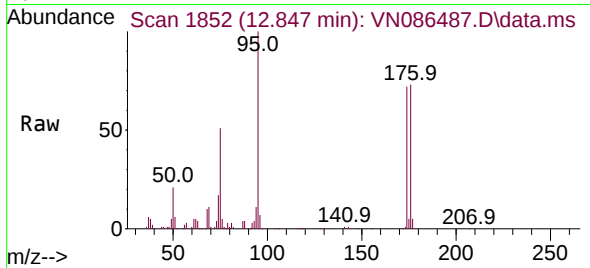




#71
Bromoform
Concen: 0.478 ug/l
RT: 12.847 min Scan# 1806
Delta R.T. 0.271 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

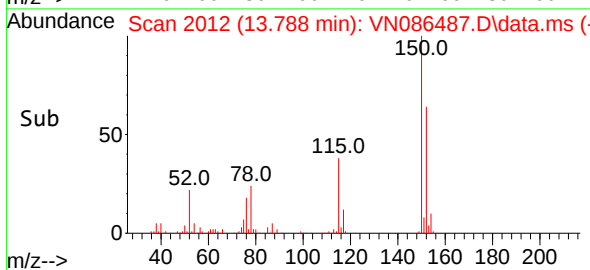
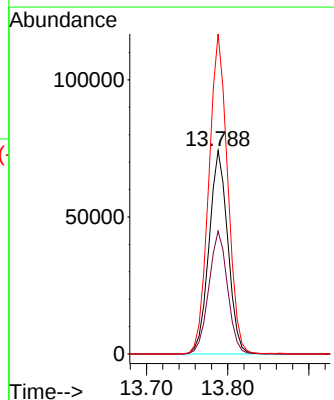
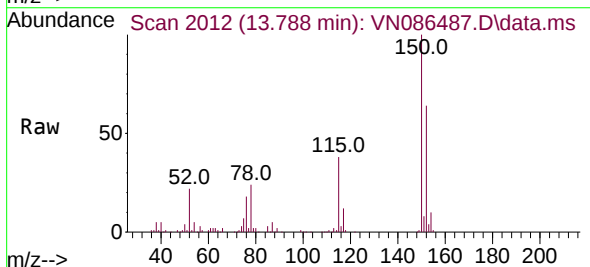
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

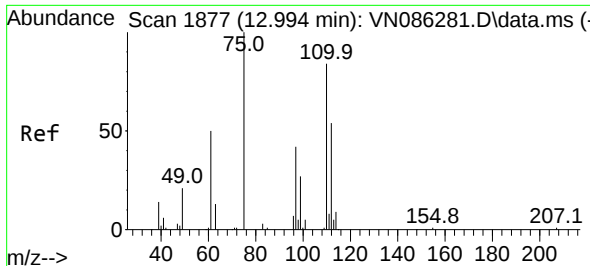
Tgt Ion:173 Resp: 729
Ion Ratio Lower Upper
173 100
175 782.0 24.6 73.6#
254 0.0 0.0 0.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 1212
Delta R.T. 0.000 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion:152 Resp: 118994
Ion Ratio Lower Upper
152 100
115 60.1 31.9 95.9
150 158.0 0.0 352.0

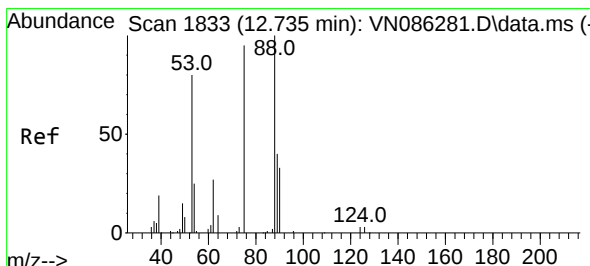
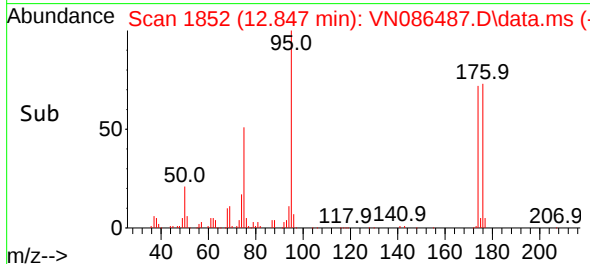
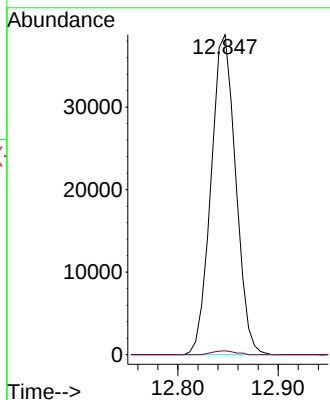
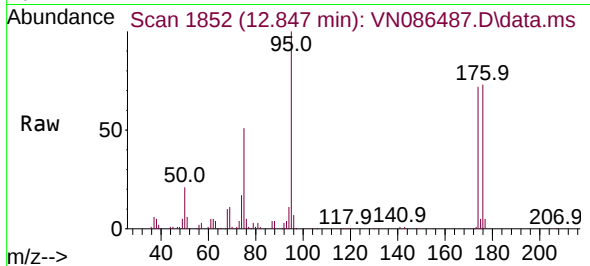




#76
1,2,3-Trichloropropane
Concen: 23.634 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 66367
Ion Ratio Lower Upper
75 100
77 1.1 98.8 296.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 56.761 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086487.D
Acq: 05 May 2025 15:36

Tgt Ion: 75 Resp: 66367
Ion Ratio Lower Upper
75 100
53 0.0 79.2 118.8#
89 0.0 35.7 53.5#

