

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085487.D
 Acq On : 17 Jan 2025 12:48
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 22:33:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jan 15 02:16:08 2025
 Response via : Initial Calibration

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

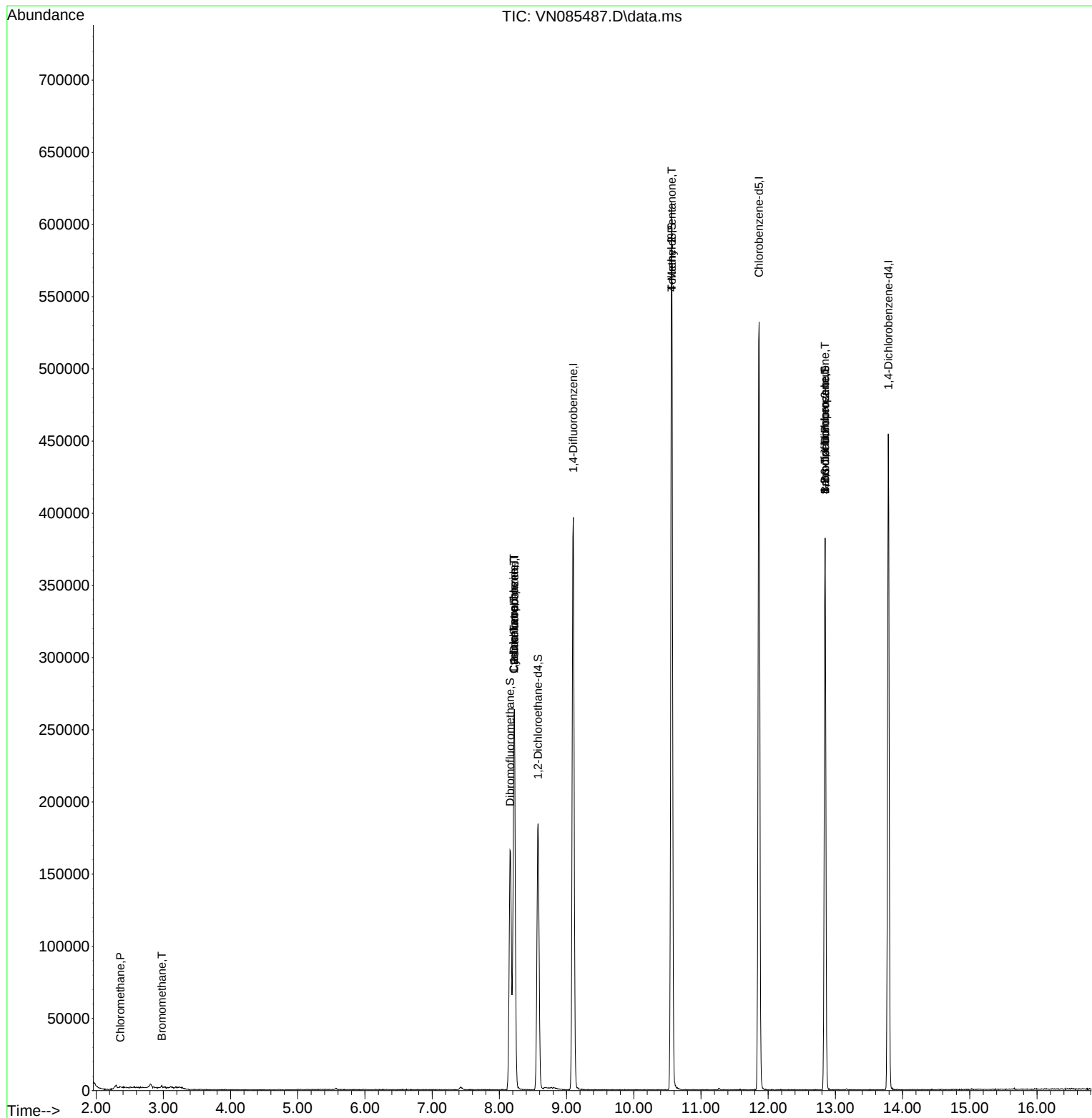
Internal Standards							
1) Pentafluorobenzene		8.224	168	180665	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.100	114	324917	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	286523	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.788	152	114971	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.577	65	156453	53.648	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	107.300%	
35) Dibromofluoromethane		8.159	113	117398	52.081	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	104.160%	
50) Toluene-d8		10.565	98	399367	49.866	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.740%	
62) 4-Bromofluorobenzene		12.847	95	123736	45.165	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	90.340%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.359	50	554	0.209	ug/l #	56
5) Bromomethane		2.977	94	417	0.259	ug/l	84
31) Cyclohexane		8.218	56	5042	1.362	ug/l #	2
36) 1,1-Dichloropropene		8.218	75	17486	5.527	ug/l #	50
38) Carbon Tetrachloride		8.218	117	20214	5.581	ug/l #	17
51) 4-Methyl-2-Pentanone		10.565	43	2041	0.687	ug/l #	1
71) Bromoform		12.847	173	916	0.556	ug/l #	1
76) 1,2,3-Trichloropropane		12.847	75	71453	30.577	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.847	75	71453	82.729	ug/l #	3

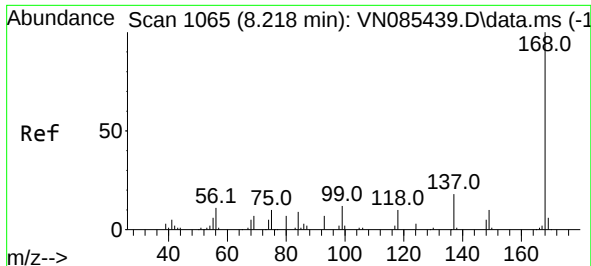
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
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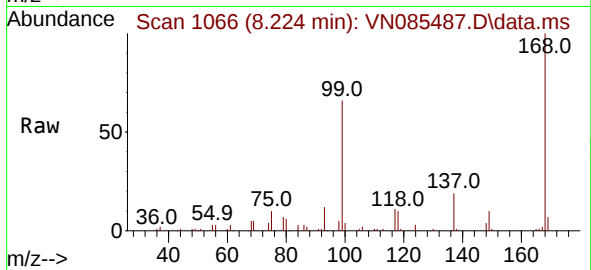
Quant Time: Jan 17 22:33:53 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
QLast Update : Wed Jan 15 02:16:08 2025
Response via : Initial Calibration



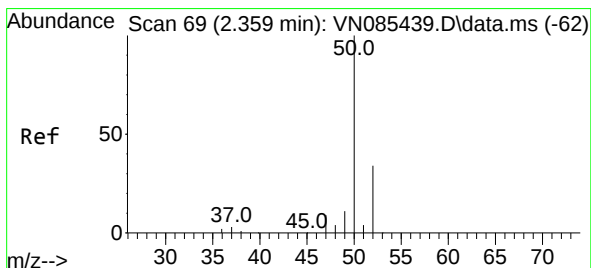
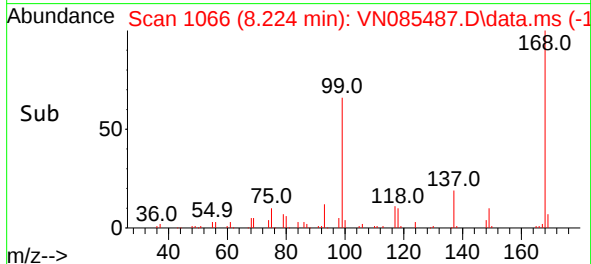
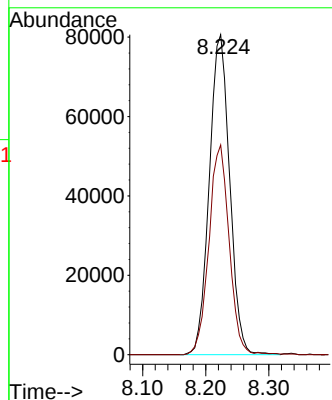


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :

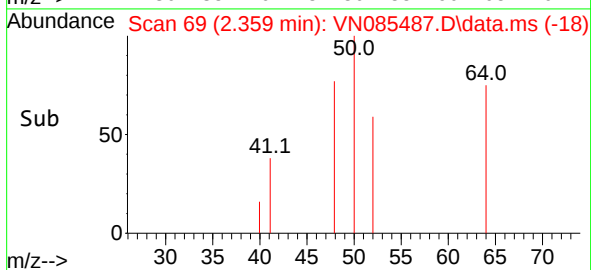
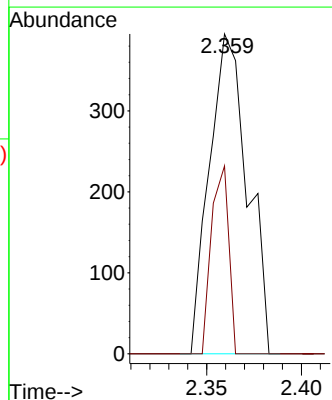
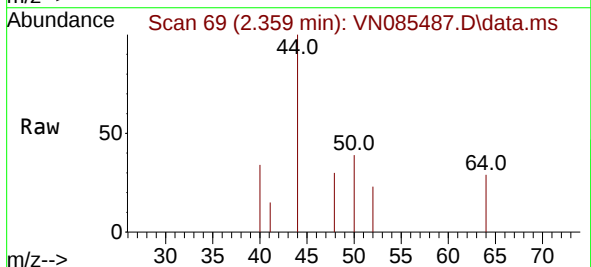


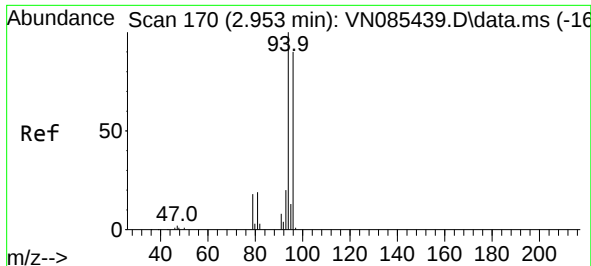
Tgt Ion:168 Resp: 180665
Ion Ratio Lower Upper
168 100
99 65.6 53.6 80.4



#3
Chloromethane
Concen: 0.209 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

Tgt Ion: 50 Resp: 554
Ion Ratio Lower Upper
50 100
52 58.7 27.0 40.6#

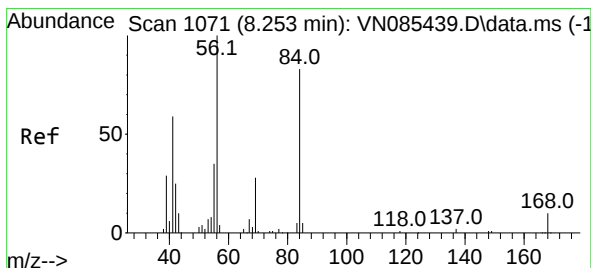
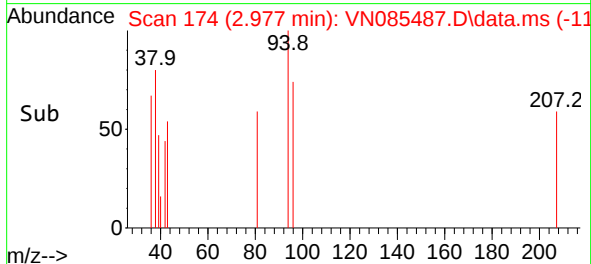
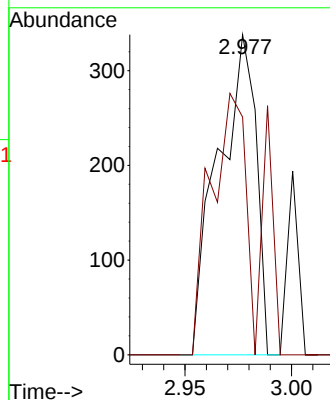
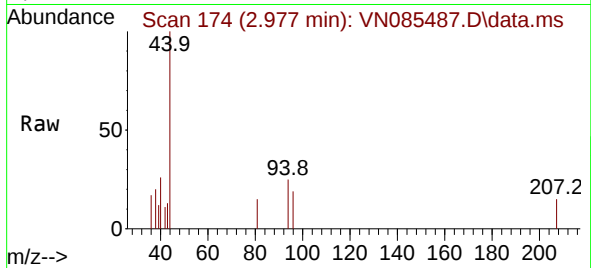




#5
Bromomethane
Concen: 0.259 ug/l
RT: 2.977 min Scan# 11
Delta R.T. 0.024 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

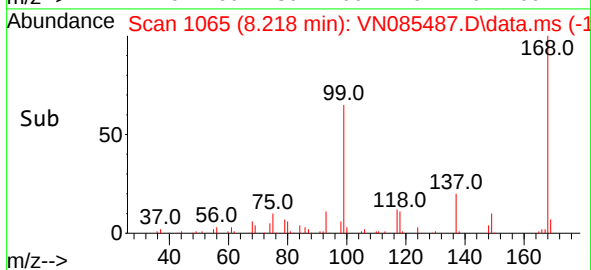
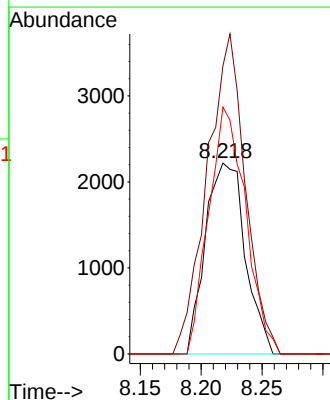
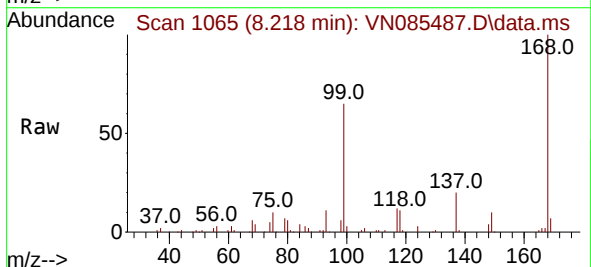
Instrument :
MSVOA_N
ClientSampleId :

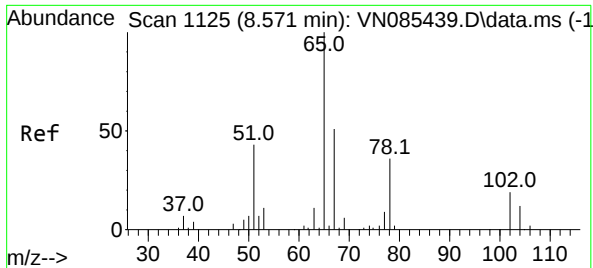
Tgt Ion: 94 Resp: 417
Ion Ratio Lower Upper
94 100
96 74.3 71.8 107.6



#31
Cyclohexane
Concen: 1.362 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

Tgt Ion: 56 Resp: 5042
Ion Ratio Lower Upper
56 100
69 150.9 22.2 33.4#
84 129.4 66.4 99.6#





#33

1,2-Dichloroethane-d4

Concen: 53.648 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085487.D

Acq: 17 Jan 2025 12:48

Instrument :

MSVOA_N

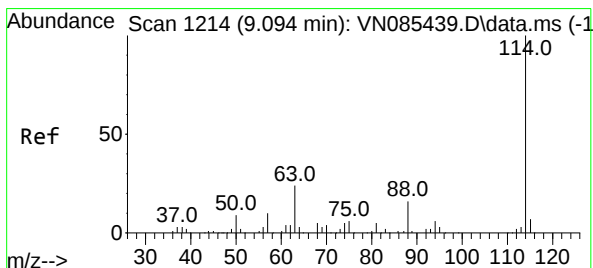
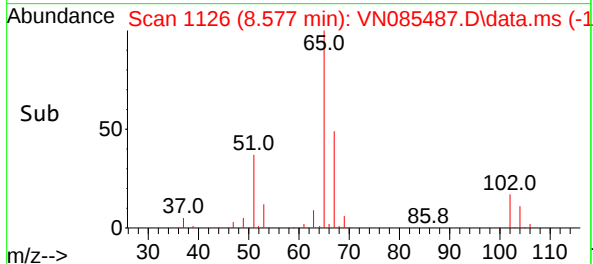
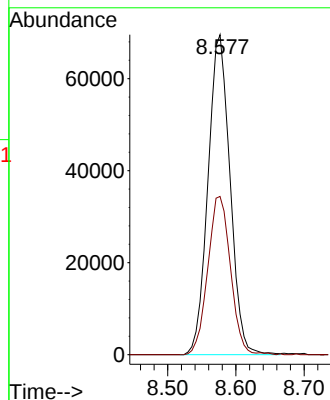
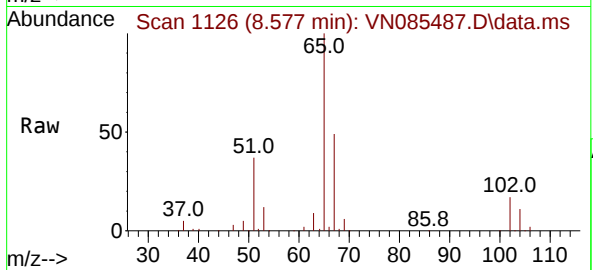
ClientSampleId :

Tgt Ion: 65 Resp: 156453

Ion Ratio Lower Upper

65 100

67 51.0 0.0 101.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 1215

Delta R.T. 0.006 min

Lab File: VN085487.D

Acq: 17 Jan 2025 12:48

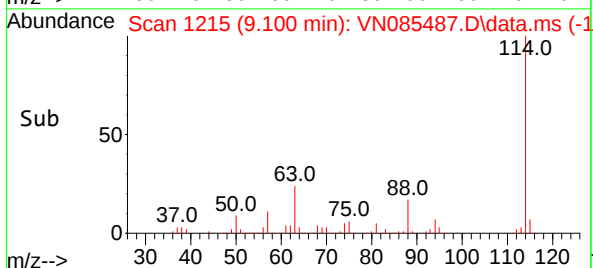
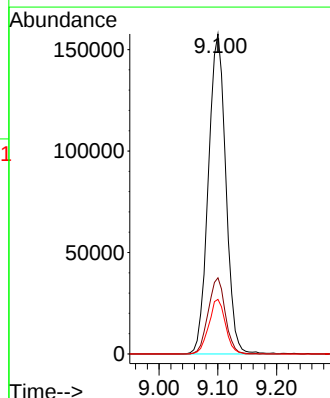
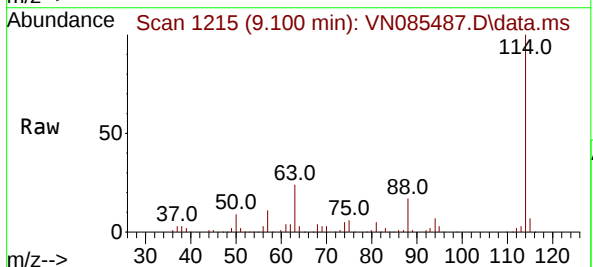
Tgt Ion: 114 Resp: 324917

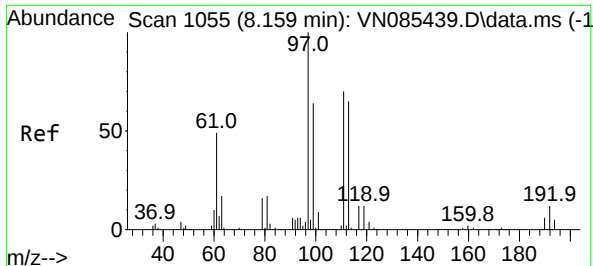
Ion Ratio Lower Upper

114 100

63 23.8 0.0 47.6

88 17.1 0.0 32.6





#35

Dibromofluoromethane

Concen: 52.081 ug/l

RT: 8.159 min Scan# 1

Delta R.T. -0.000 min

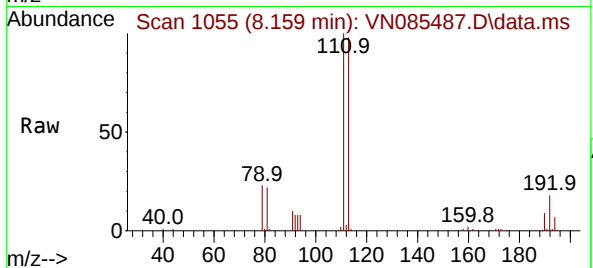
Lab File: VN085487.D

Acq: 17 Jan 2025 12:48

Instrument :

MSVOA_N

ClientSampleId :



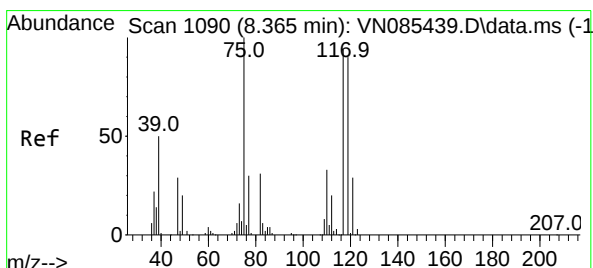
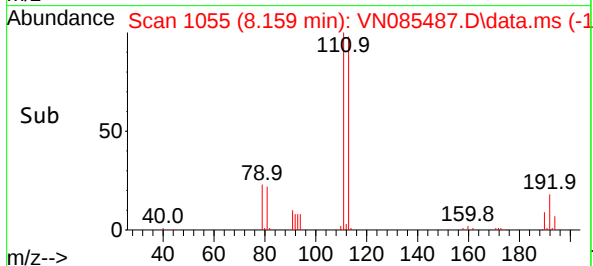
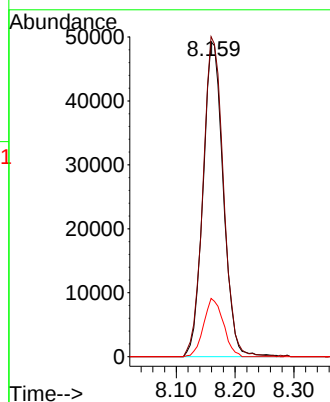
Tgt Ion:113 Resp: 117398

Ion Ratio Lower Upper

113 100

111 102.7 82.7 124.1

192 18.1 14.3 21.5



#36

1,1-Dichloropropene

Concen: 5.527 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085487.D

Acq: 17 Jan 2025 12:48

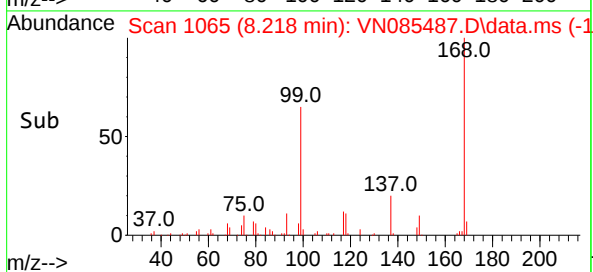
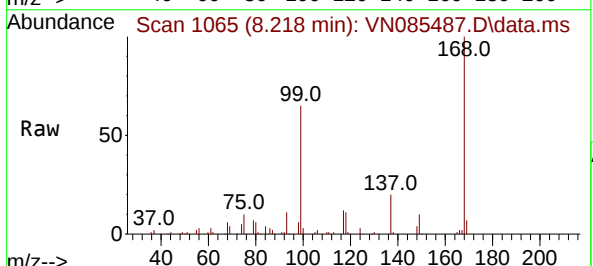
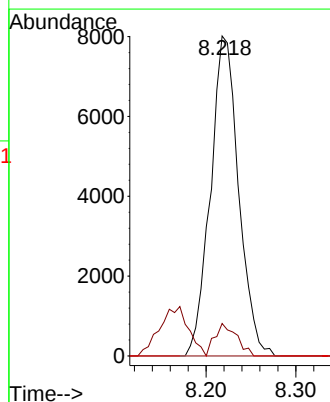
Tgt Ion: 75 Resp: 17486

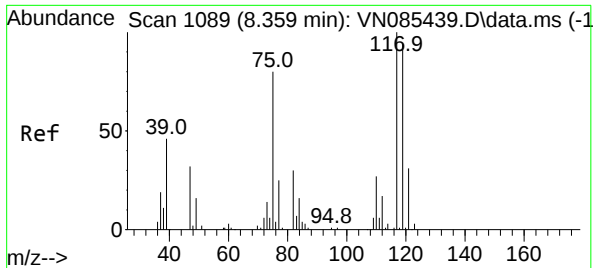
Ion Ratio Lower Upper

75 100

110 7.8 16.5 49.5#

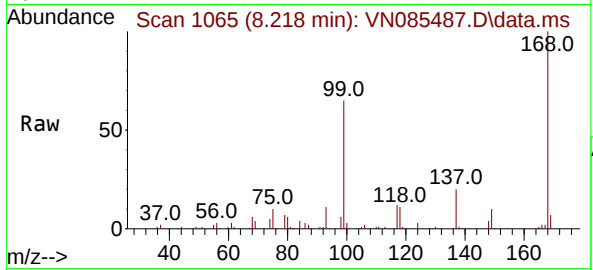
77 0.0 24.4 36.6#



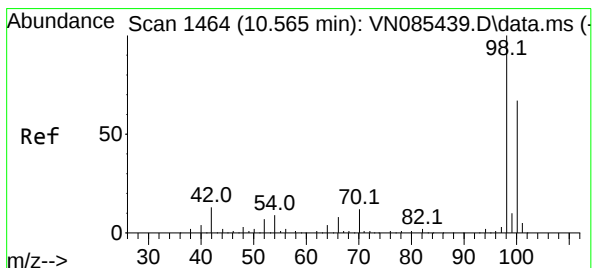
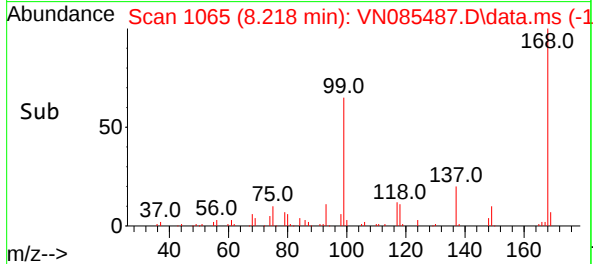
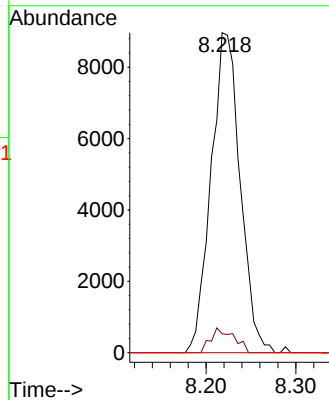


#38
Carbon Tetrachloride
Concen: 5.581 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.141 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

Instrument :
MSVOA_N
ClientSampleId :

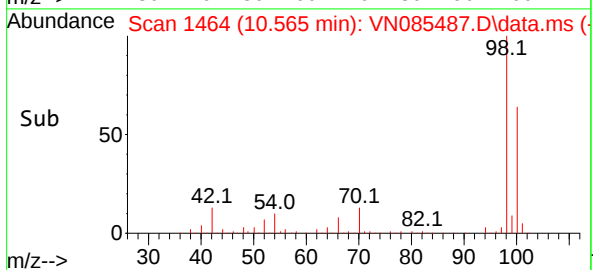
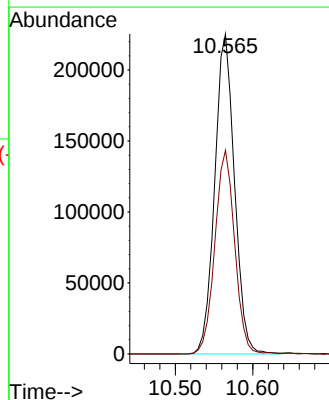
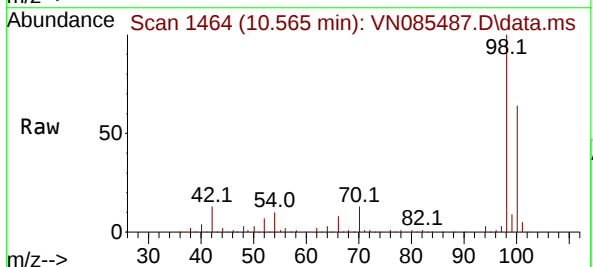


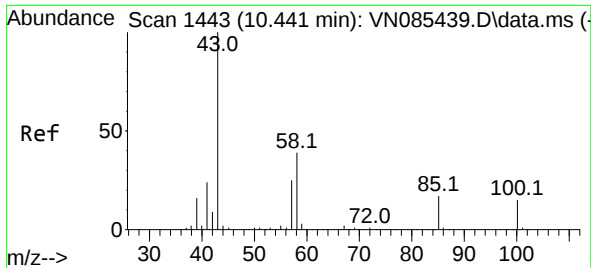
Tgt Ion:117 Resp: 20214
Ion Ratio Lower Upper
117 100
119 5.9 75.4 113.2#
121 0.0 24.6 37.0#



#50
Toluene-d8
Concen: 49.866 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

Tgt Ion: 98 Resp: 399367
Ion Ratio Lower Upper
98 100
100 63.7 52.2 78.4

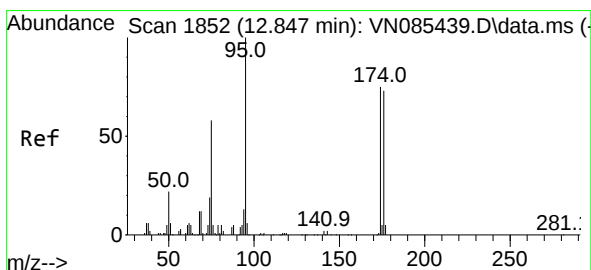
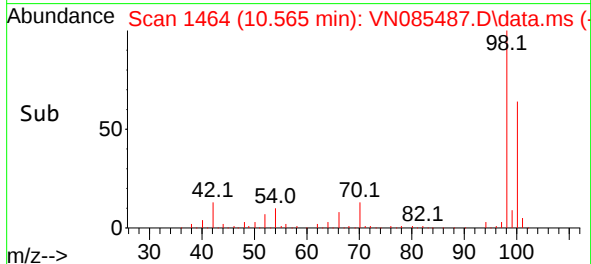
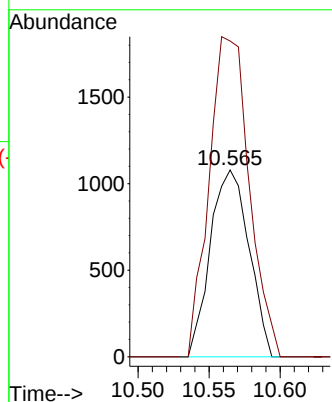
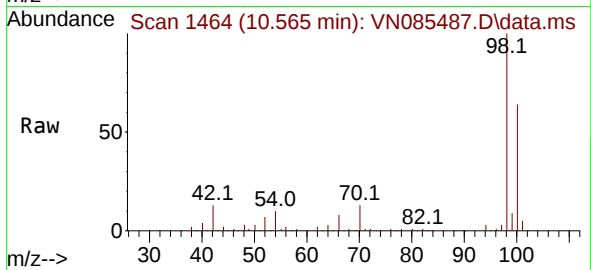




#51
 4-Methyl-2-Pentanone
 Concen: 0.687 ug/l
 RT: 10.565 min Scan# 1443
 Delta R.T. 0.124 min
 Lab File: VN085487.D
 Acq: 17 Jan 2025 12:48

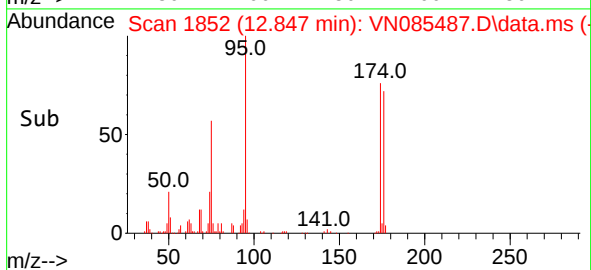
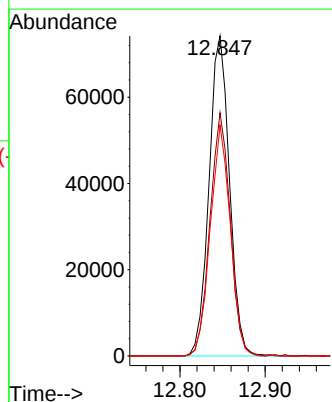
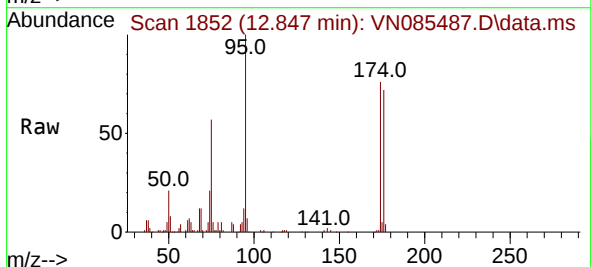
Instrument :
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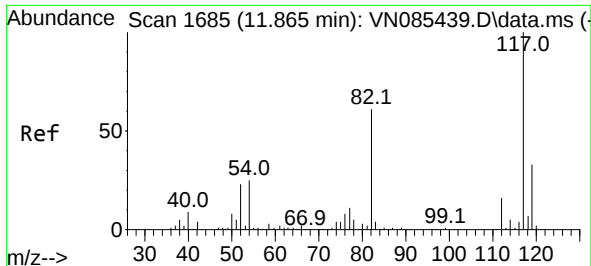
Tgt Ion: 43 Resp: 2041
 Ion Ratio Lower Upper
 43 100
 58 178.1 30.5 45.7#



#62
 4-Bromofluorobenzene
 Concen: 45.165 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.000 min
 Lab File: VN085487.D
 Acq: 17 Jan 2025 12:48

Tgt Ion: 95 Resp: 123736
 Ion Ratio Lower Upper
 95 100
 174 75.2 0.0 145.0
 176 70.5 0.0 142.4

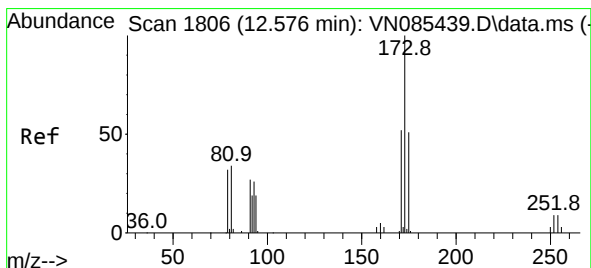
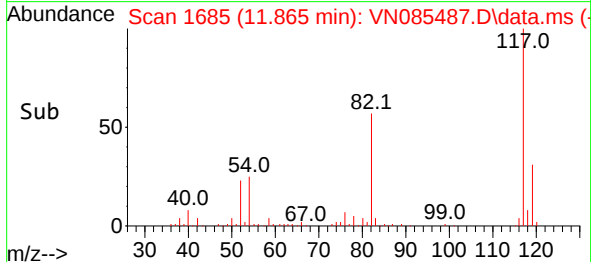
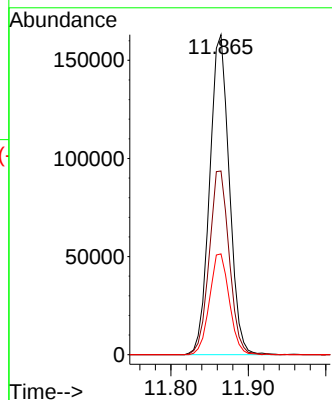
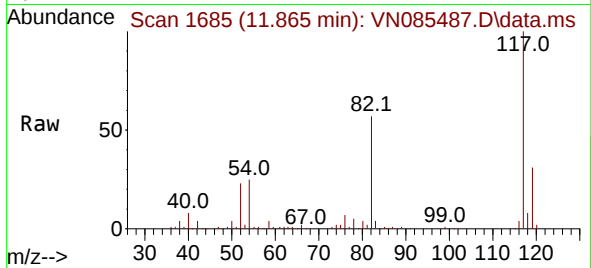




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

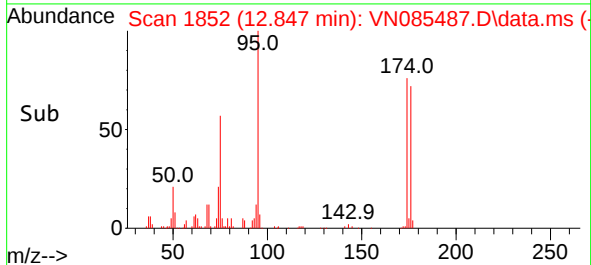
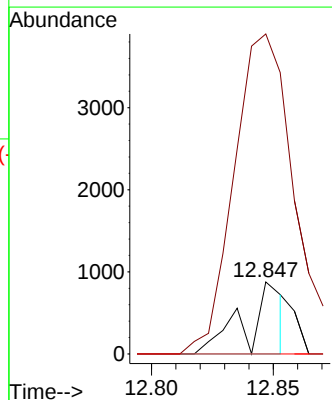
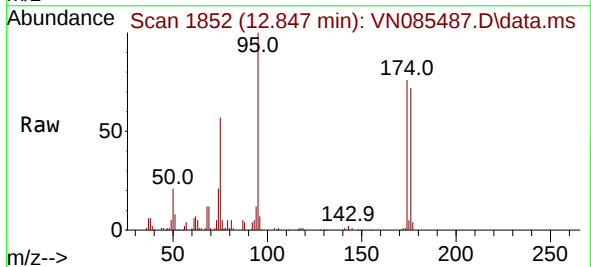
Instrument :
MSVOA_N
ClientSampleId :

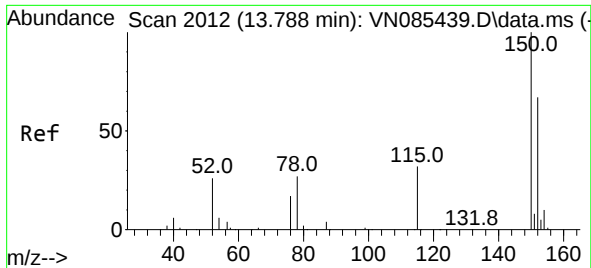
Tgt Ion:117 Resp: 286523
Ion Ratio Lower Upper
117 100
82 57.4 48.6 72.8
119 31.5 26.6 39.8



#71
Bromoform
Concen: 0.556 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.271 min
Lab File: VN085487.D
Acq: 17 Jan 2025 12:48

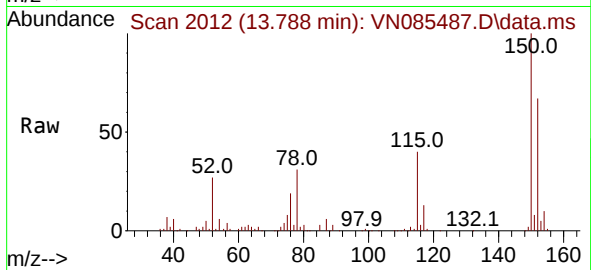
Tgt Ion:173 Resp: 916
Ion Ratio Lower Upper
173 100
175 585.5 24.4 73.2#
254 0.0 0.0 0.0



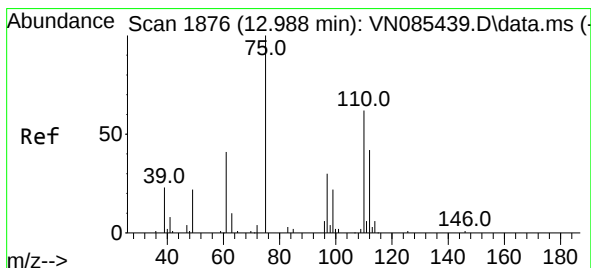
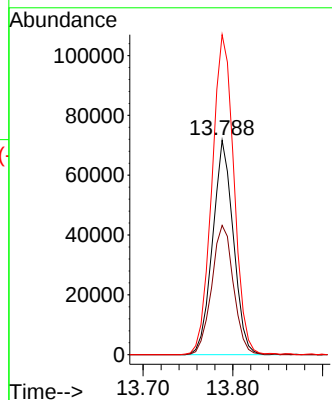
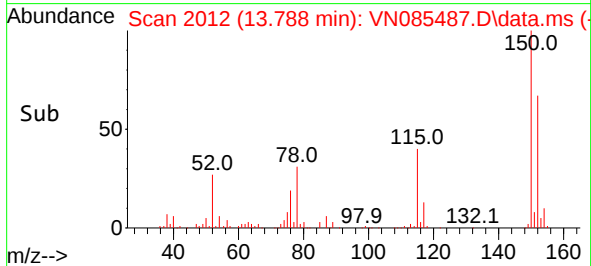


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN085487.D
 Acq: 17 Jan 2025 12:48

Instrument :
 MSVOA_N
 ClientSampleId :

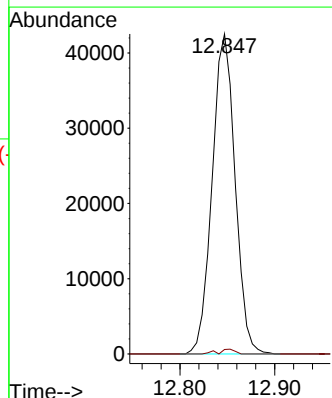
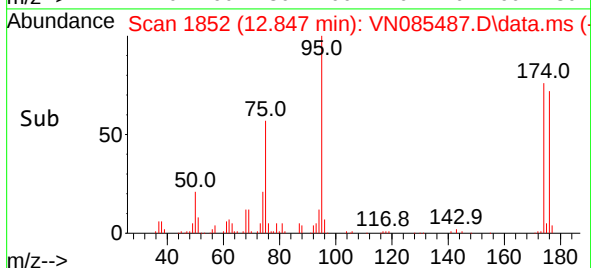
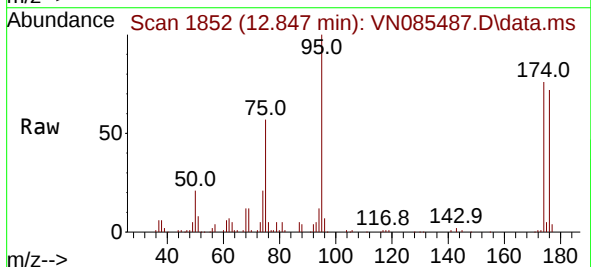


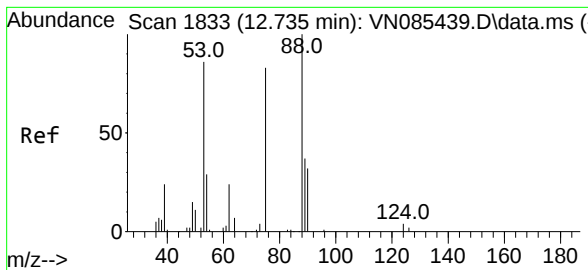
Tgt Ion:152 Resp: 114971
 Ion Ratio Lower Upper
 152 100
 115 63.2 31.1 93.3
 150 158.2 0.0 343.6



#76
 1,2,3-Trichloropropane
 Concen: 30.577 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085487.D
 Acq: 17 Jan 2025 12:48

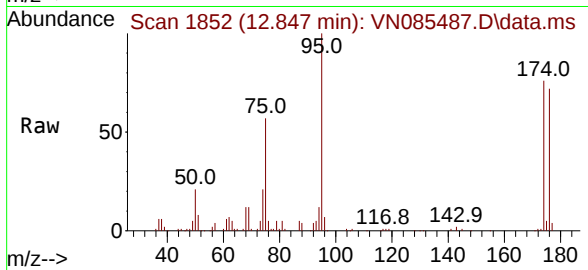
Tgt Ion: 75 Resp: 71453
 Ion Ratio Lower Upper
 75 100
 77 1.1 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 82.729 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085487.D
 Acq: 17 Jan 2025 12:48

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion: 75 Resp: 71453
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

