

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN011725\
 Data File : VN085502.D
 Acq On : 17 Jan 2025 18:48
 Operator : JC\MD
 Sample : Q1124-03
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 17 22:40:51 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)

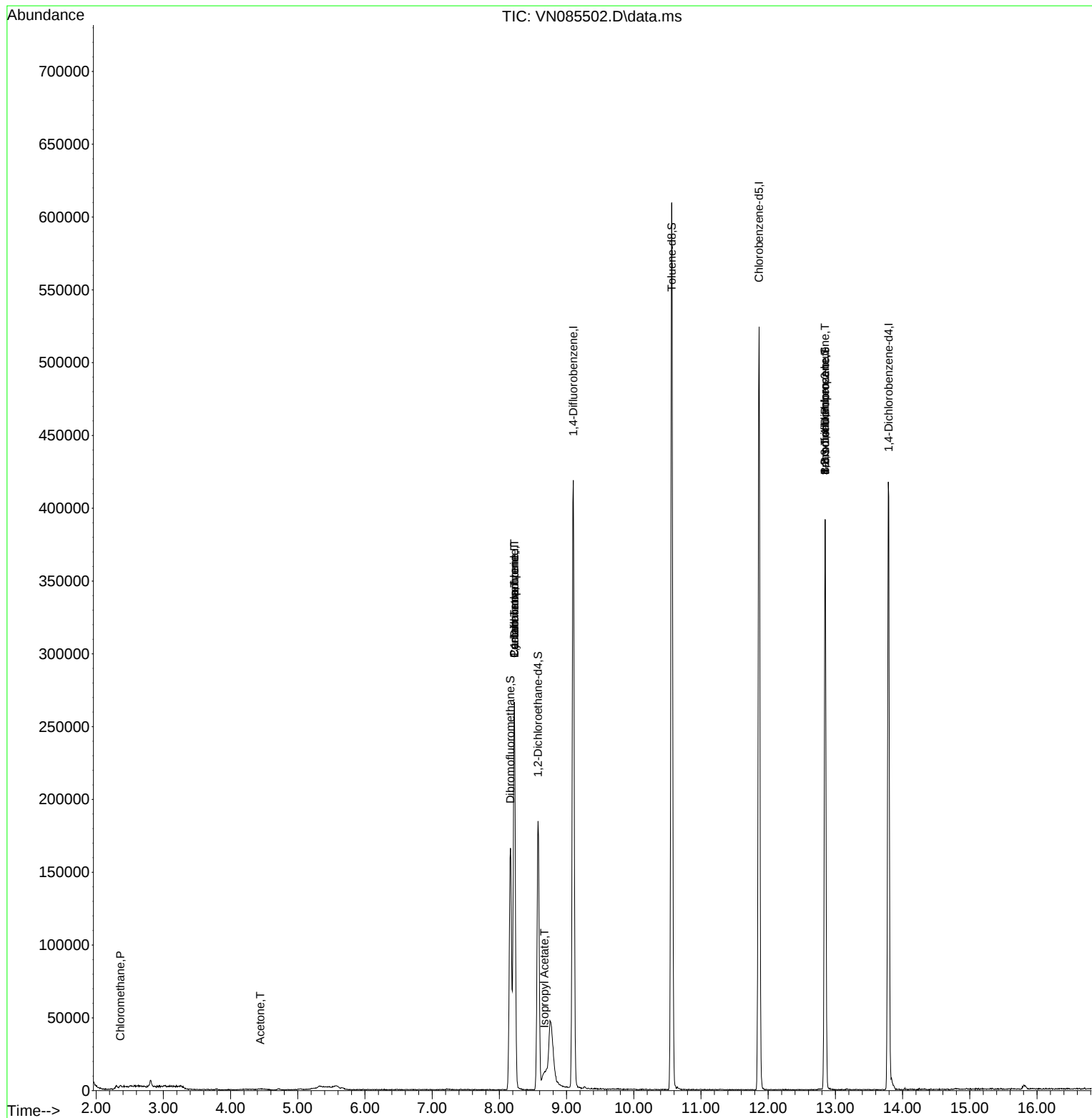
Internal Standards						
1) Pentafluorobenzene	8.224	168	176654	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	344083	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	282333	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	108610	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	157802	55.339	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	110.680%
35) Dibromofluoromethane	8.165	113	117805	49.351	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.700%
50) Toluene-d8	10.565	98	408377	48.150	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.300%
62) 4-Bromofluorobenzene	12.847	95	128859	44.415	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	88.840%
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	874	0.337	ug/l	100
16) Acetone	4.441	43	1247	1.353	ug/l #	45
31) Cyclohexane	8.224	56	4857	1.342	ug/l #	46
36) 1,1-Dichloropropene	8.224	75	17189	5.131	ug/l #	52
38) Carbon Tetrachloride	8.224	117	19938	5.198	ug/l #	19
43) Isopropyl Acetate	8.671	43	11571	2.135	ug/l #	55
71) Bromoform	12.847	173	1072	0.660	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	72643	32.907	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	72643	89.032	ug/l #	3

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

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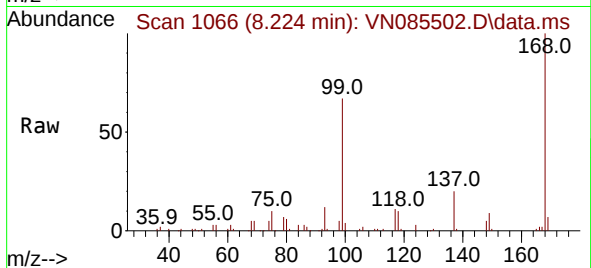
Quant Time: Jan 17 22:40:51 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011425W.M
Quant Title : SW846 8260
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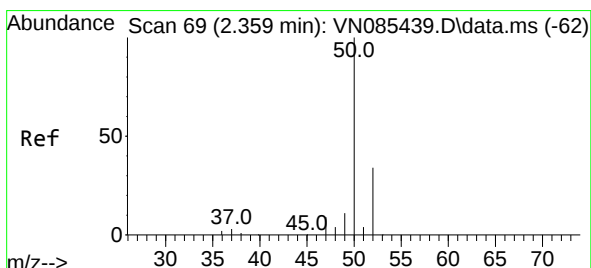
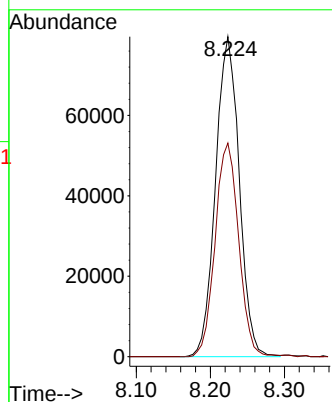
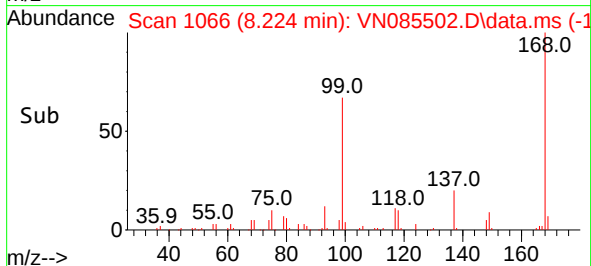


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. 0.006 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Instrument :
MSVOA_N
ClientSampleId :

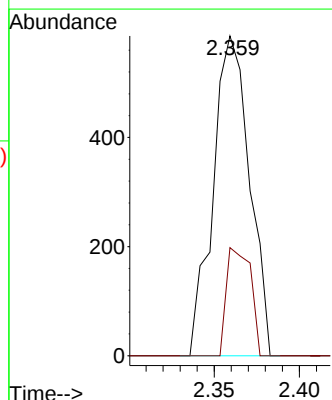
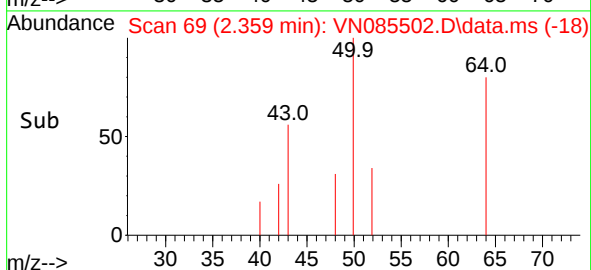
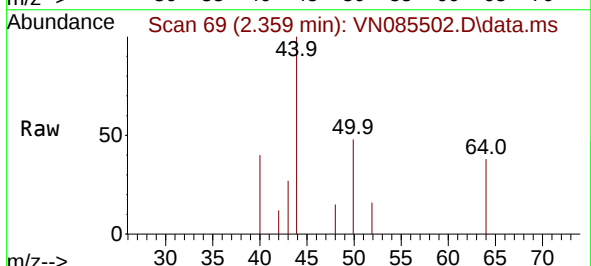


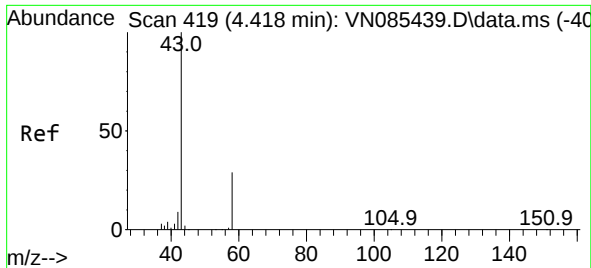
Tgt Ion:168 Resp: 176654
Ion Ratio Lower Upper
168 100
99 66.8 53.6 80.4



#3
Chloromethane
Concen: 0.337 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Tgt Ion: 50 Resp: 874
Ion Ratio Lower Upper
50 100
52 33.8 27.0 40.6





#16

Acetone

Concen: 1.353 ug/l

RT: 4.441 min Scan# 41

Delta R.T. 0.023 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:48

Instrument :

MSVOA_N

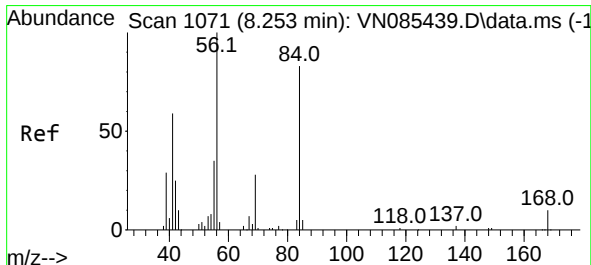
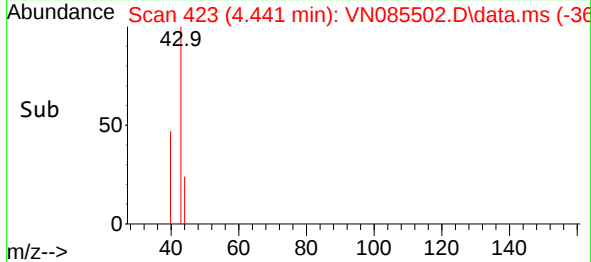
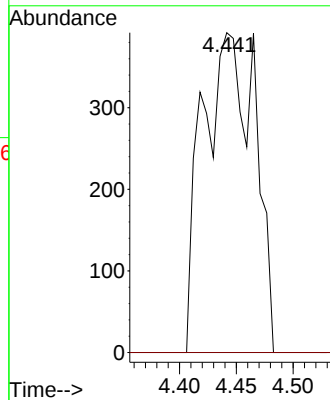
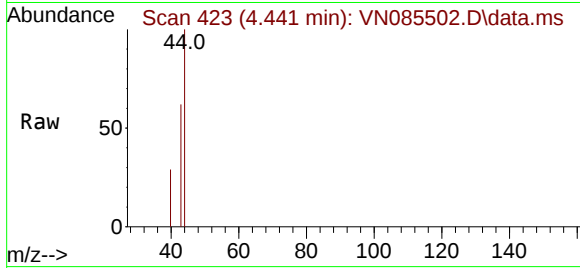
ClientSampleId :

Tgt Ion: 43 Resp: 1247

Ion Ratio Lower Upper

43 100

58 0.0 23.8 35.6#



#31

Cyclohexane

Concen: 1.342 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.030 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:48

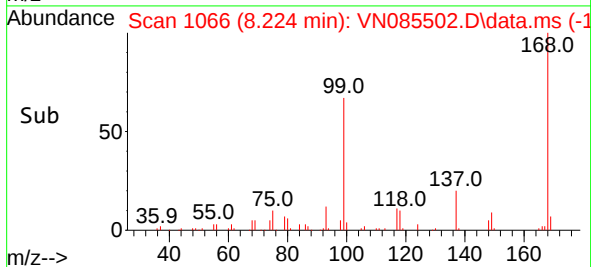
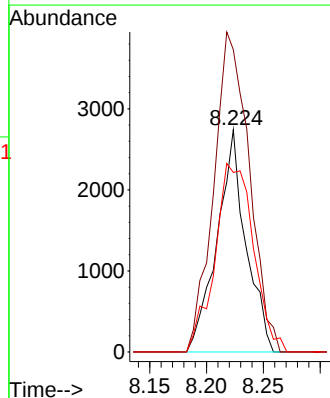
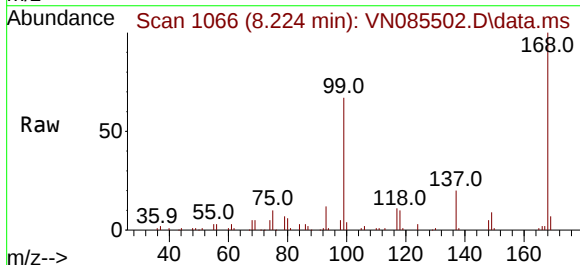
Tgt Ion: 56 Resp: 4857

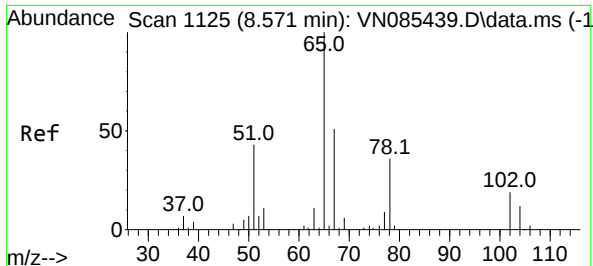
Ion Ratio Lower Upper

56 100

69 136.0 22.2 33.4#

84 80.8 66.4 99.6





#33

1,2-Dichloroethane-d4

Concen: 55.339 ug/l

RT: 8.577 min Scan# 1125

Delta R.T. 0.006 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:48

Instrument :

MSVOA_N

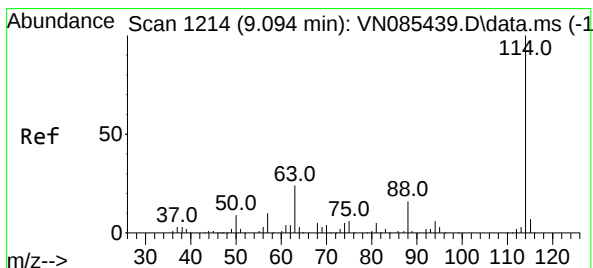
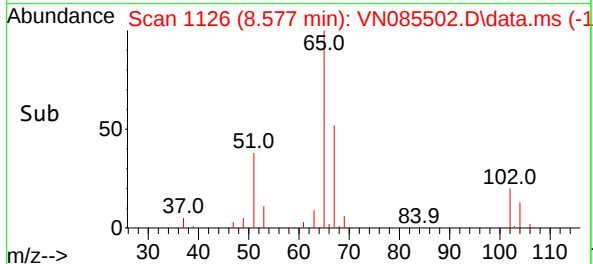
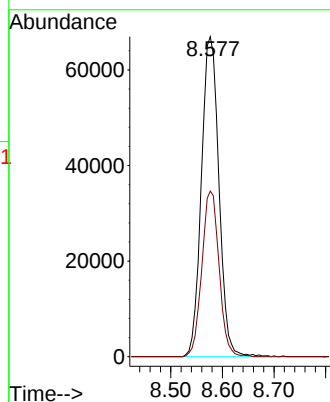
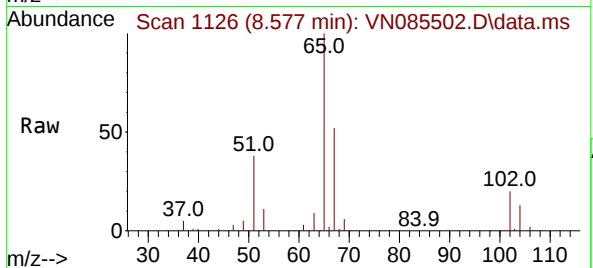
ClientSampleId :

Tgt Ion: 65 Resp: 157802

Ion Ratio Lower Upper

65 100

67 50.7 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: VN085502.D

Acq: 17 Jan 2025 18:48

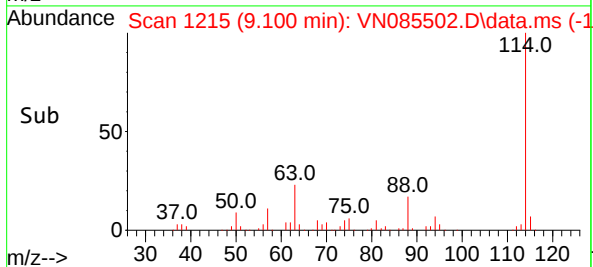
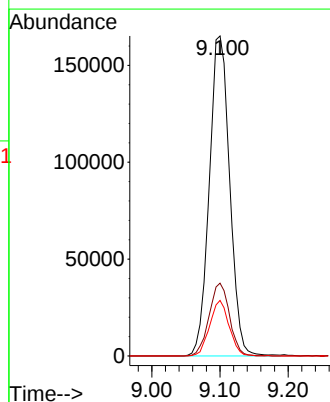
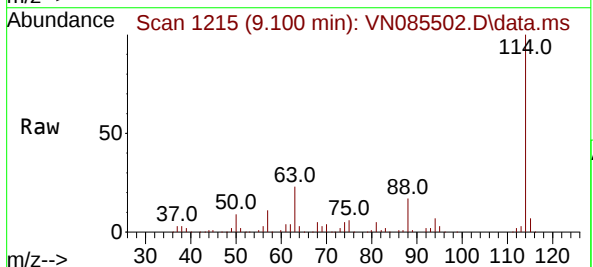
Tgt Ion: 114 Resp: 344083

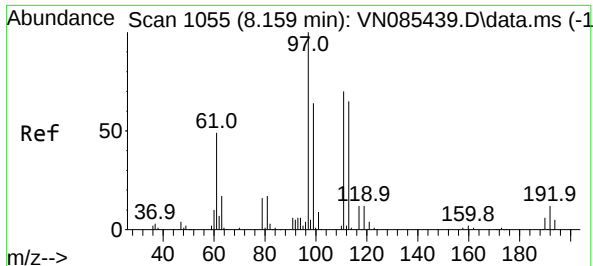
Ion Ratio Lower Upper

114 100

63 22.7 0.0 47.6

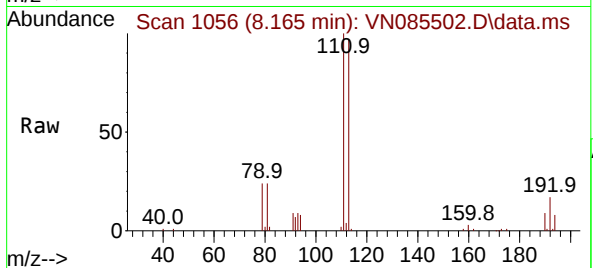
88 17.3 0.0 32.6



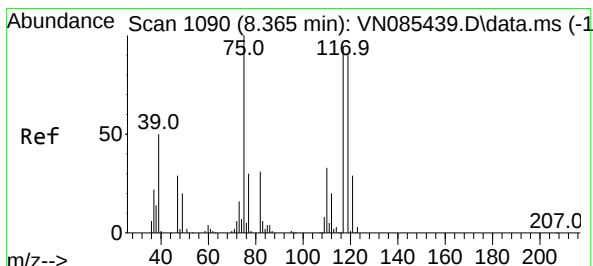
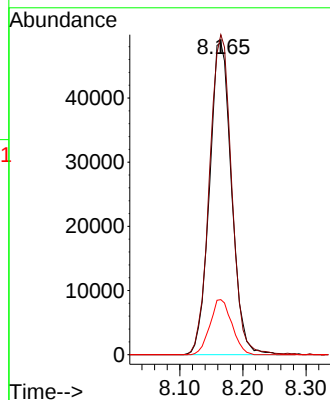
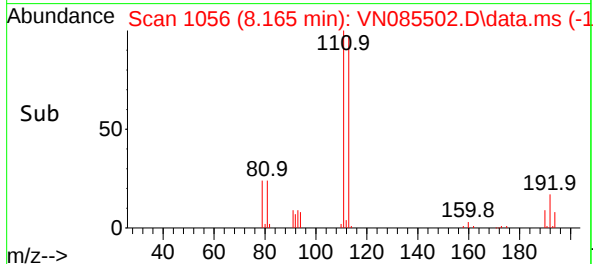


#35
Dibromofluoromethane
Concen: 49.351 ug/l
RT: 8.165 min Scan# 1056
Delta R.T. 0.006 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Instrument :
MSVOA_N
ClientSampleId :

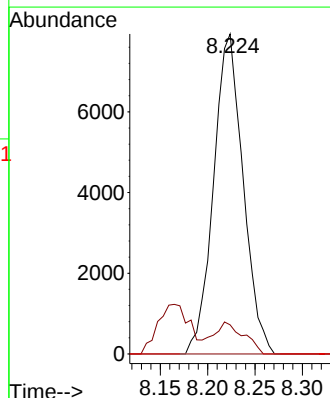
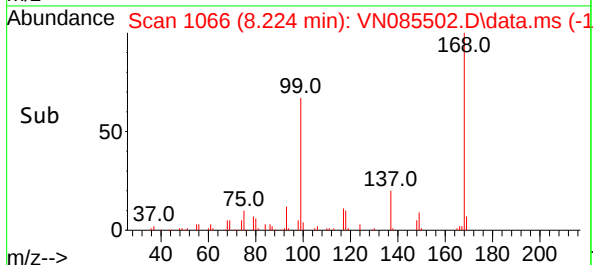
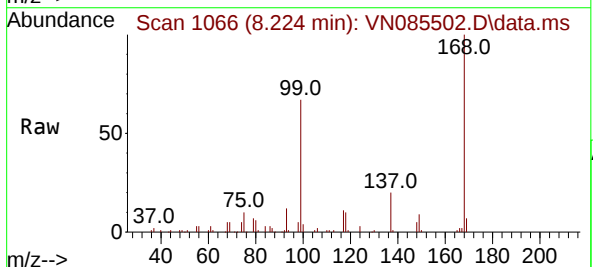


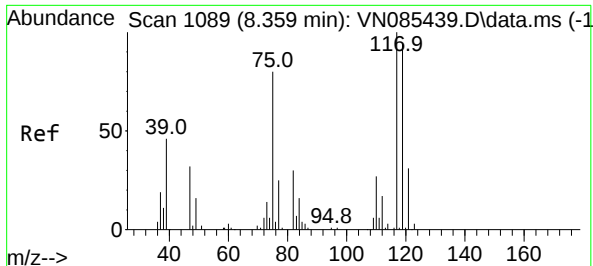
Tgt Ion:113 Resp: 117805
Ion Ratio Lower Upper
113 100
111 103.1 82.7 124.1
192 17.5 14.3 21.5



#36
1,1-Dichloropropene
Concen: 5.131 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.141 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

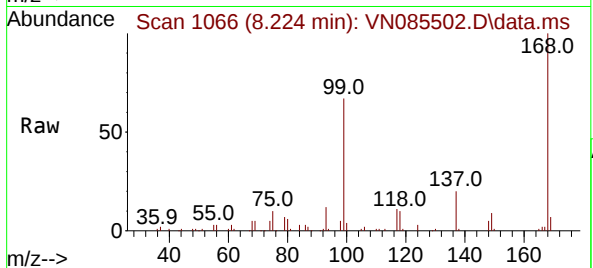
Tgt Ion: 75 Resp: 17189
Ion Ratio Lower Upper
75 100
110 10.1 16.5 49.5#
77 0.0 24.4 36.6#



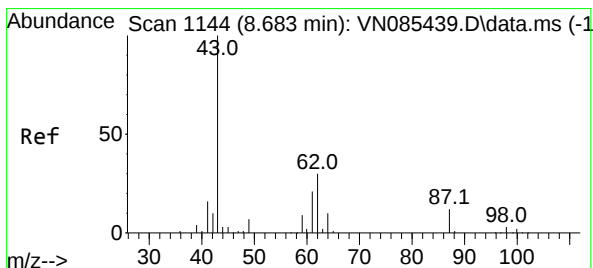
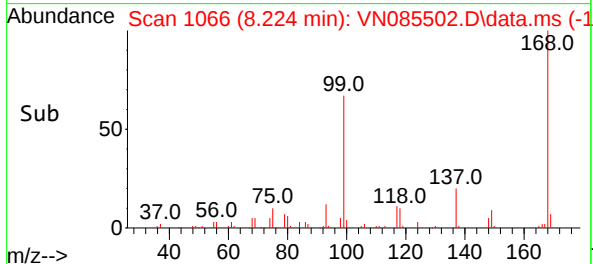
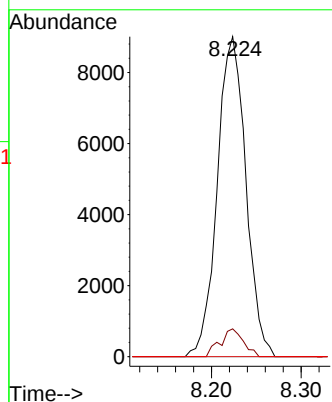


#38
Carbon Tetrachloride
Concen: 5.198 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.135 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Instrument :
MSVOA_N
ClientSampleId :

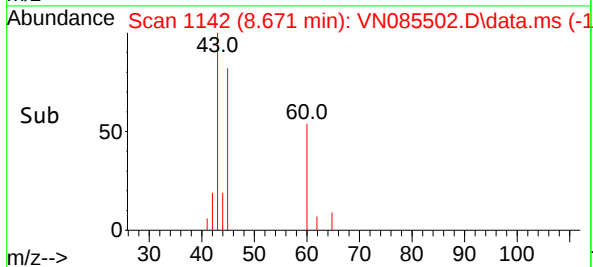
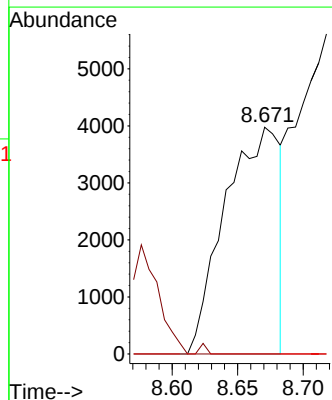
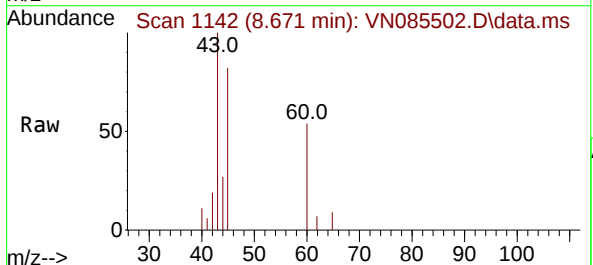


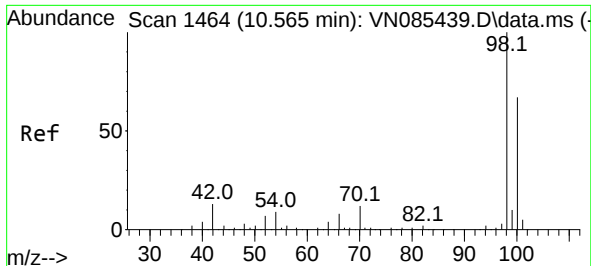
Tgt Ion:117 Resp: 19938
Ion Ratio Lower Upper
117 100
119 8.7 75.4 113.2#
121 0.0 24.6 37.0#



#43
Isopropyl Acetate
Concen: 2.135 ug/l
RT: 8.671 min Scan# 1142
Delta R.T. -0.012 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Tgt Ion: 43 Resp: 11571
Ion Ratio Lower Upper
43 100
61 0.0 20.7 31.1#
87 0.0 9.8 14.8#

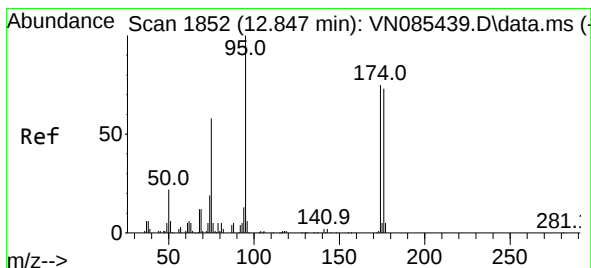
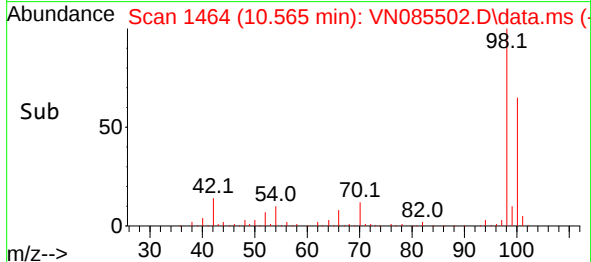
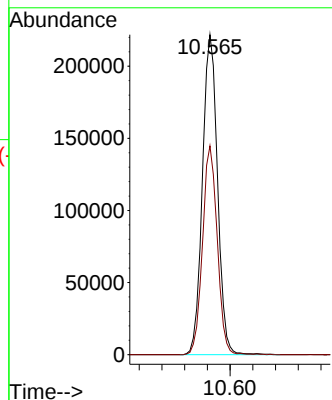
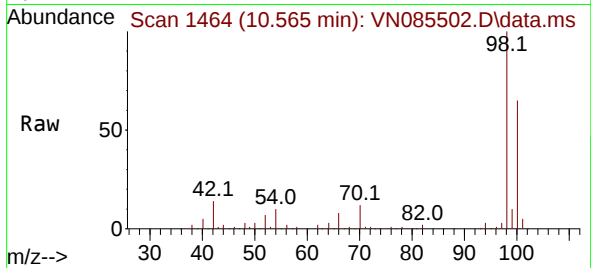




#50
Toluene-d8
Concen: 48.150 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

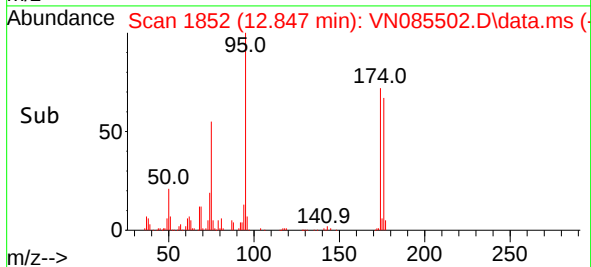
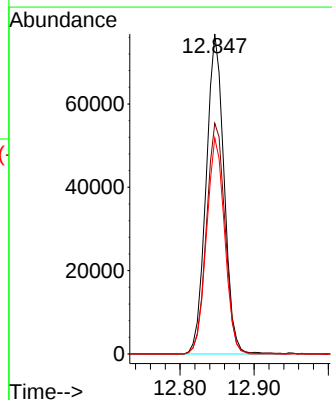
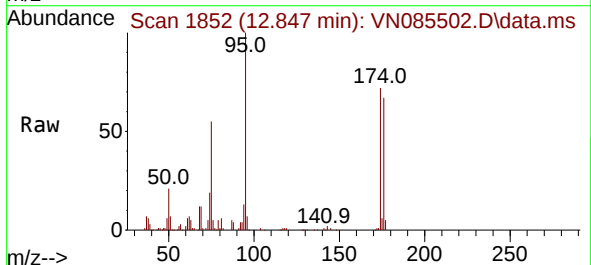
Instrument :
MSVOA_N
ClientSampleId :

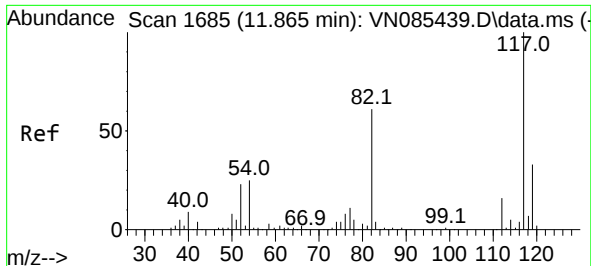
Tgt Ion: 98 Resp: 408377
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.4



#62
4-Bromofluorobenzene
Concen: 44.415 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Tgt Ion: 95 Resp: 128859
Ion Ratio Lower Upper
95 100
174 75.0 0.0 145.0
176 68.3 0.0 142.4

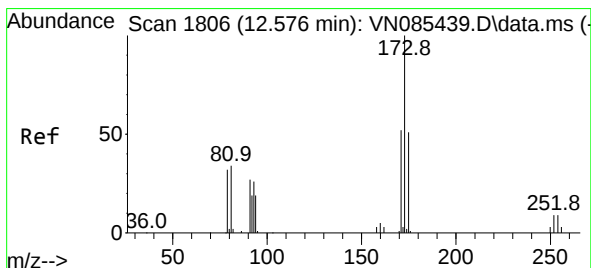
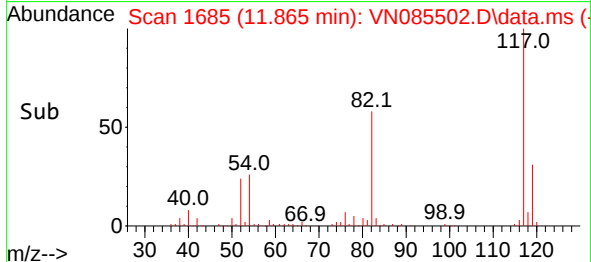
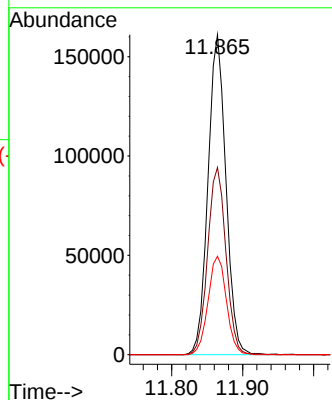
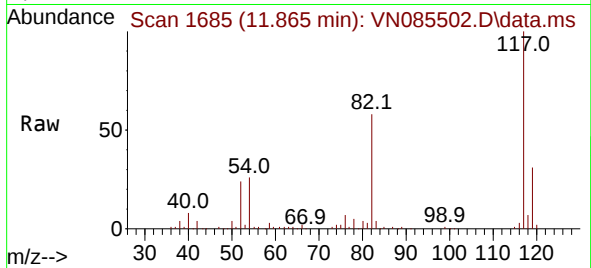




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

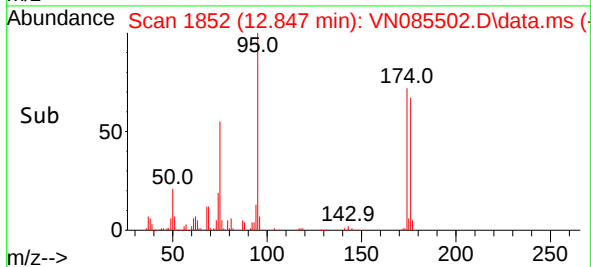
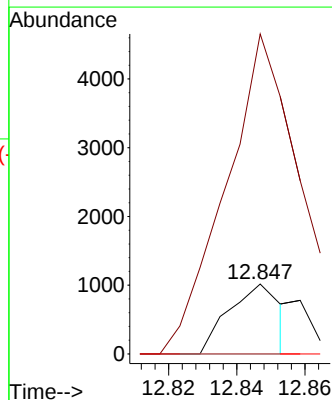
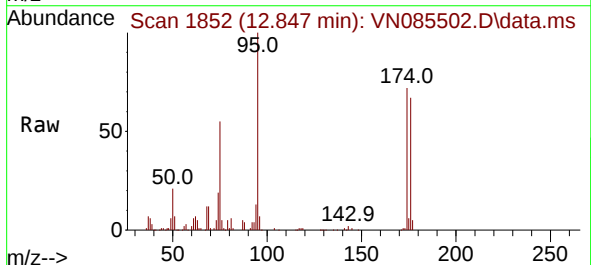
Instrument :
MSVOA_N
ClientSampleId :

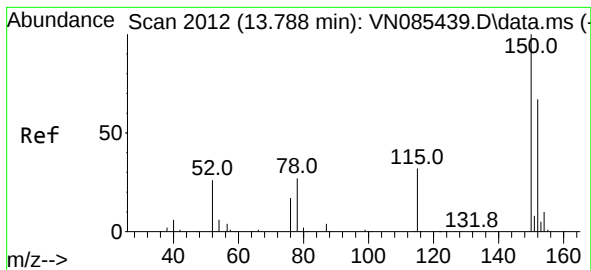
Tgt Ion:117 Resp: 282333
Ion Ratio Lower Upper
117 100
82 58.5 48.6 72.8
119 30.7 26.6 39.8



#71
Bromoform
Concen: 0.660 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.270 min
Lab File: VN085502.D
Acq: 17 Jan 2025 18:48

Tgt Ion:173 Resp: 1072
Ion Ratio Lower Upper
173 100
175 504.1 24.4 73.2#
254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.794 min Scan# 20

Delta R.T. 0.006 min

Lab File: VN085502.D

Acq: 17 Jan 2025 18:48

Instrument :

MSVOA_N

ClientSampleId :

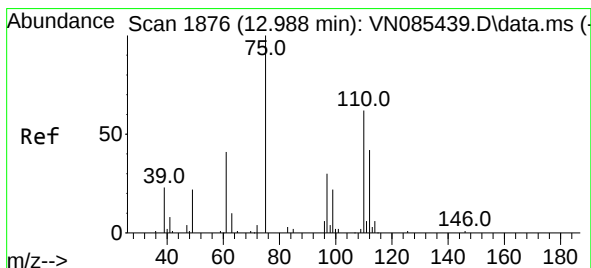
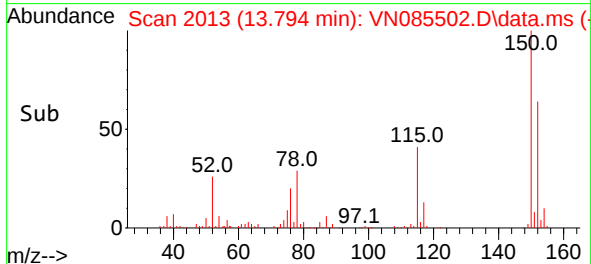
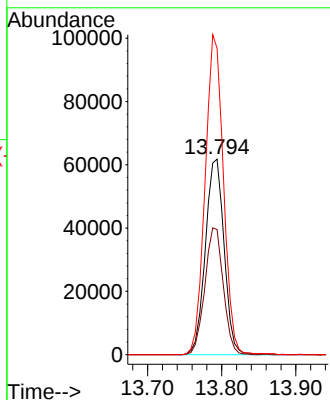
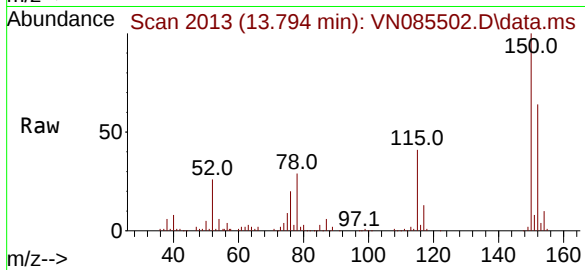
Tgt Ion:152 Resp: 108610

Ion Ratio Lower Upper

152 100

115 63.9 31.1 93.3

150 160.0 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 32.907 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085502.D

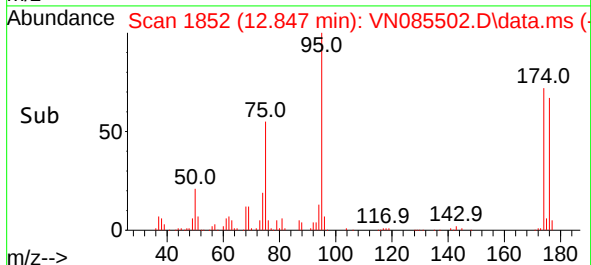
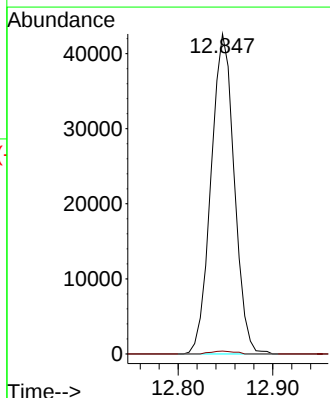
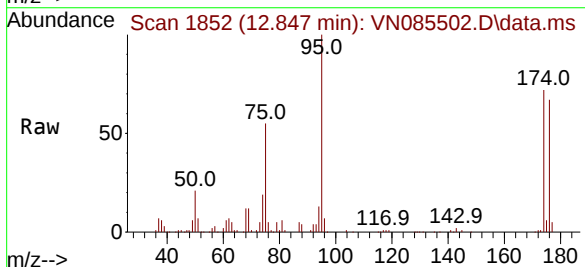
Acq: 17 Jan 2025 18:48

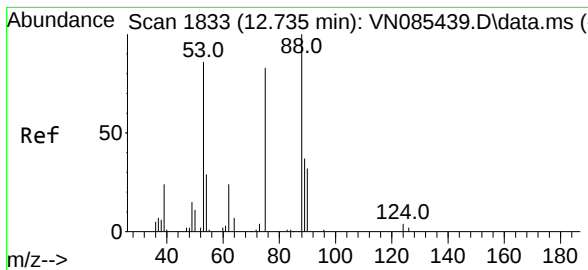
Tgt Ion: 75 Resp: 72643

Ion Ratio Lower Upper

75 100

77 0.9 109.7 329.2#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 89.032 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN085502.D
 Acq: 17 Jan 2025 18:48

Instrument :
 MSVOA_N
 ClientSampleId :

Tgt Ion: 75 Resp: 72643
 Ion Ratio Lower Upper
 75 100
 53 0.1 95.6 143.4#
 89 0.0 37.0 55.6#

