

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012725\
 Data File : VN085523.D
 Acq On : 27 Jan 2025 17:58
 Operator : JC\MD
 Sample : Q1194-10
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jan 28 02:03:46 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)

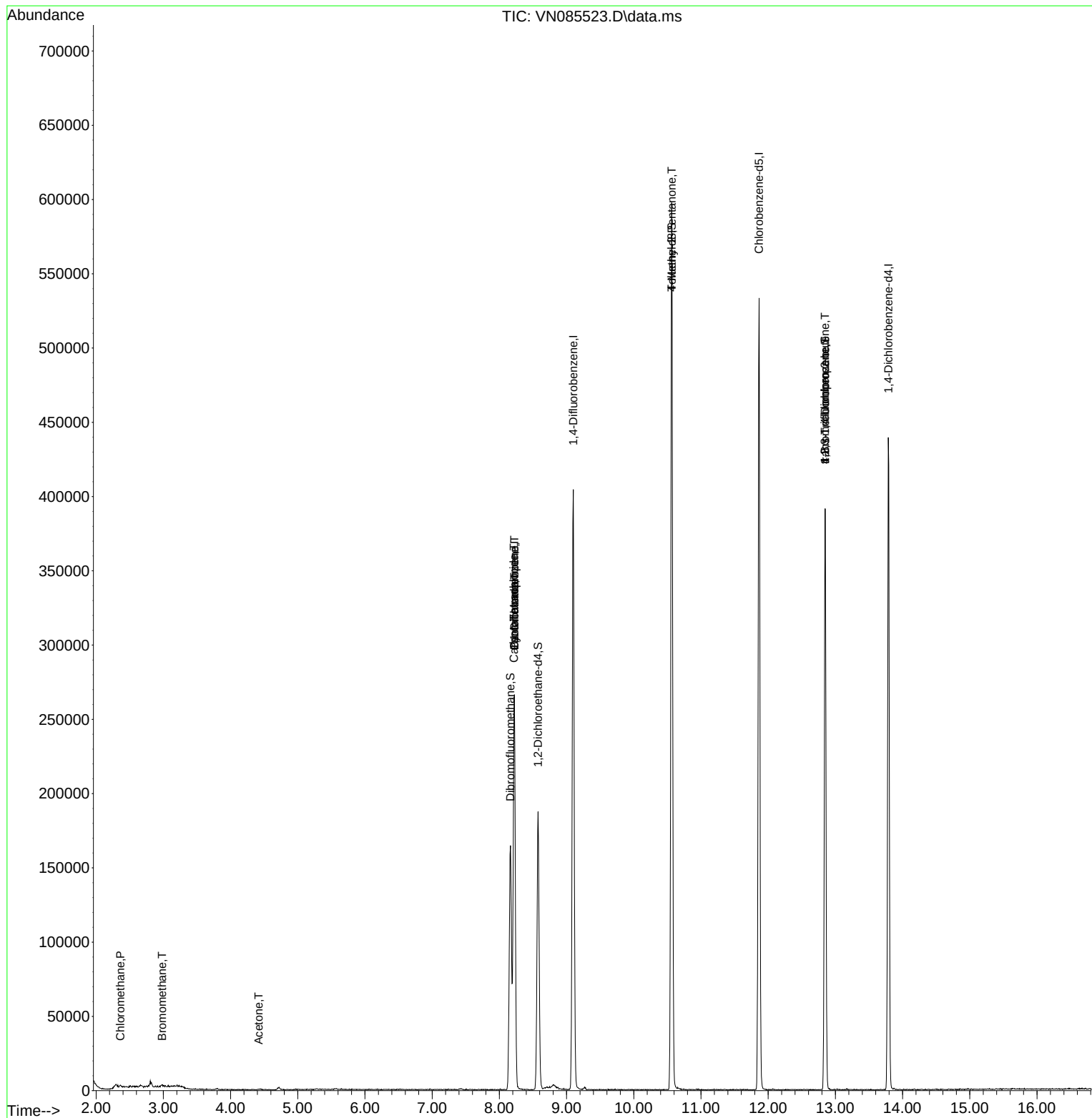
Internal Standards							
1) Pentafluorobenzene		8.224	168	180339	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.100	114	326143	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.865	117	288357	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.788	152	112650	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.577	65	154833	53.188	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	106.380%	
35) Dibromofluoromethane		8.165	113	116109	51.316	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	102.640%	
50) Toluene-d8		10.565	98	396116	49.274	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.540%	
62) 4-Bromofluorobenzene		12.847	95	129268	47.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	94.020%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.359	50	1136	0.430	ug/l	99
5) Bromomethane		2.983	94	741	0.462	ug/l	95
16) Acetone		4.418	43	354	0.376	ug/l #	45
31) Cyclohexane		8.224	56	4925	1.333	ug/l #	37
36) 1,1-Dichloropropene		8.224	75	16041	5.051	ug/l #	50
38) Carbon Tetrachloride		8.218	117	19660	5.408	ug/l #	15
51) 4-Methyl-2-Pentanone		10.565	43	2005	0.673	ug/l #	1
76) 1,2,3-Trichloropropane		12.847	75	72852	31.818	ug/l #	1
81) trans-1,4-Dichloro-2-b...		12.847	75	72852	86.086	ug/l #	3

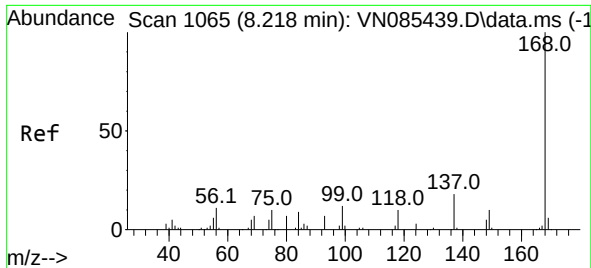
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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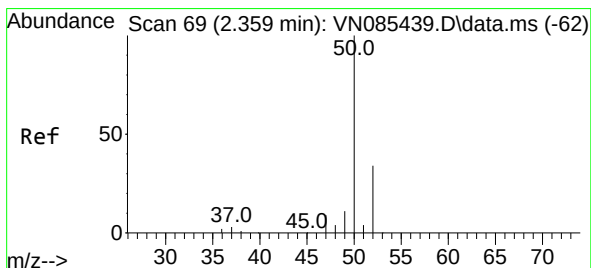
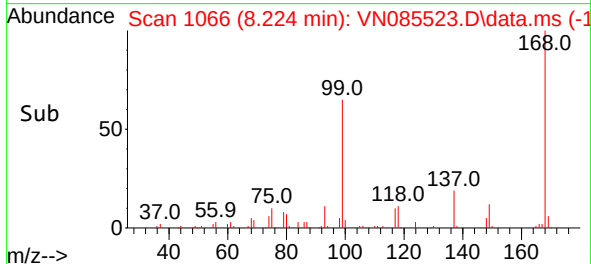
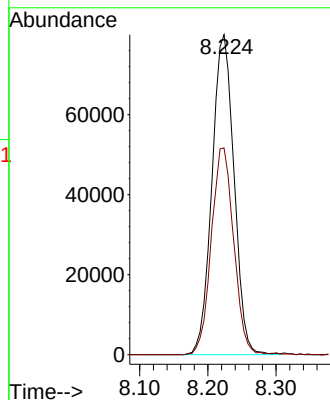
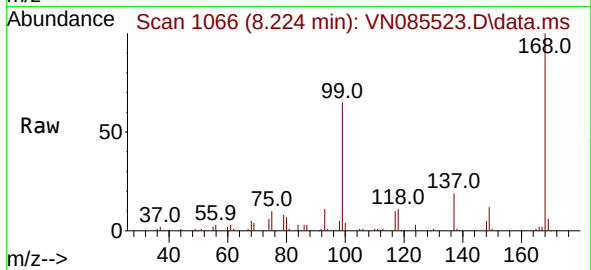




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 10
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

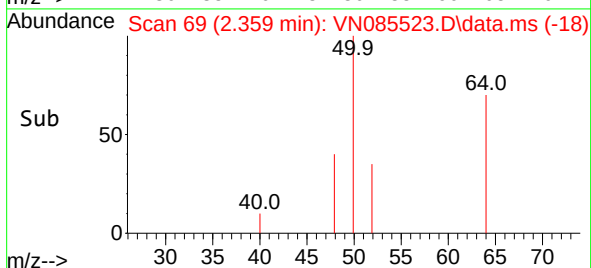
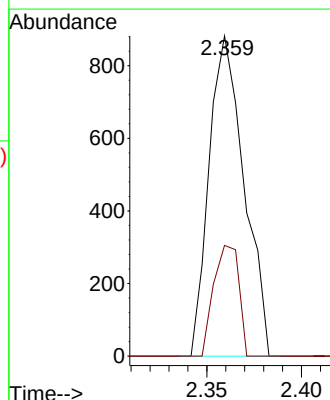
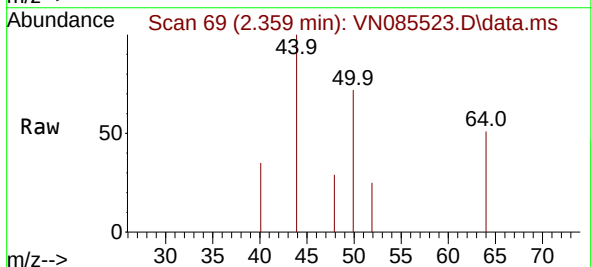
Instrument :
MSVOA_N
ClientSampleId :

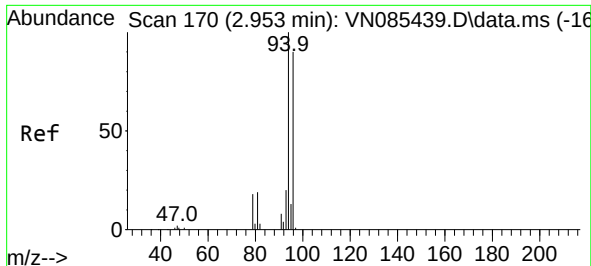
Tgt Ion:168 Resp: 180339
Ion Ratio Lower Upper
168 100
99 64.6 53.6 80.4



#3
Chloromethane
Concen: 0.430 ug/l
RT: 2.359 min Scan# 69
Delta R.T. -0.000 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Tgt Ion: 50 Resp: 1136
Ion Ratio Lower Upper
50 100
52 34.6 27.0 40.6

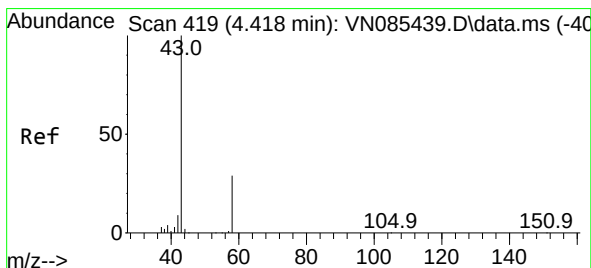
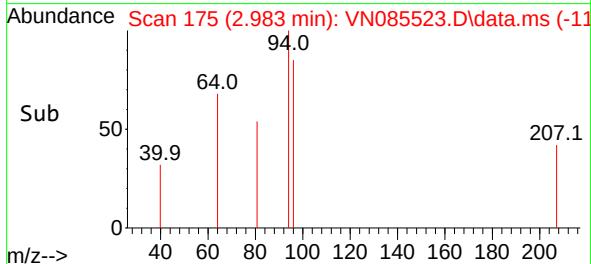
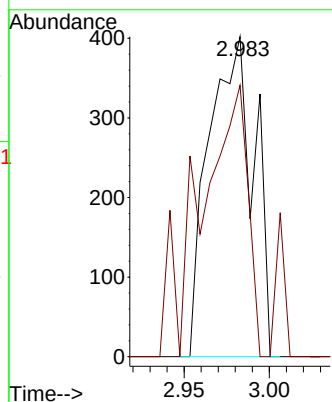
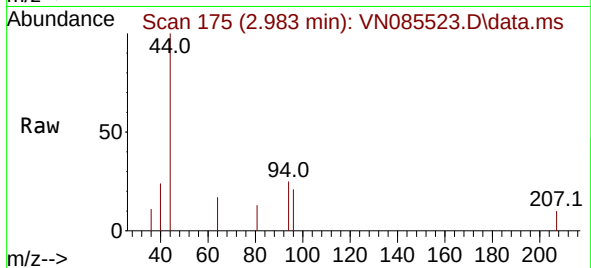




#5
Bromomethane
Concen: 0.462 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

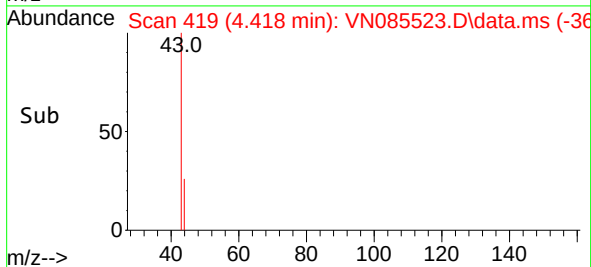
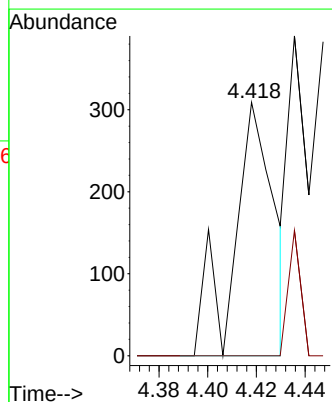
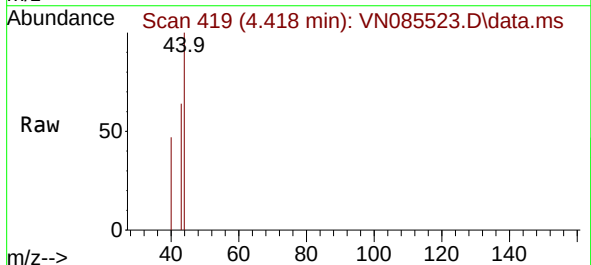
Instrument :
MSVOA_N
ClientSampleId :

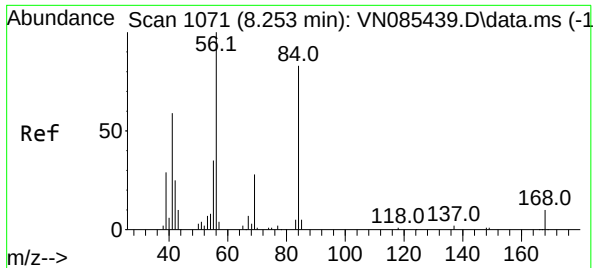
Tgt Ion: 94 Resp: 741
Ion Ratio Lower Upper
94 100
96 84.8 71.8 107.6



#16
Acetone
Concen: 0.376 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.000 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

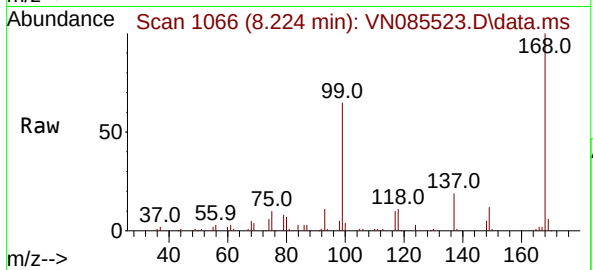
Tgt Ion: 43 Resp: 354
Ion Ratio Lower Upper
43 100
58 0.0 23.8 35.6#



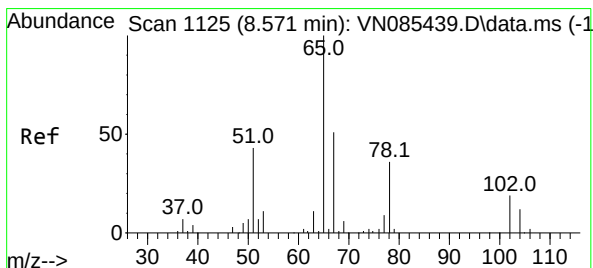
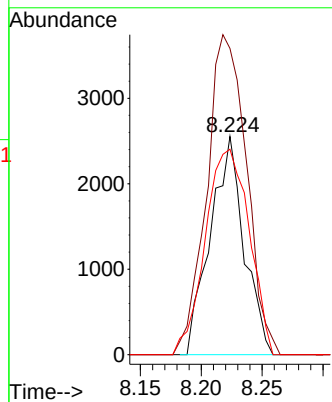
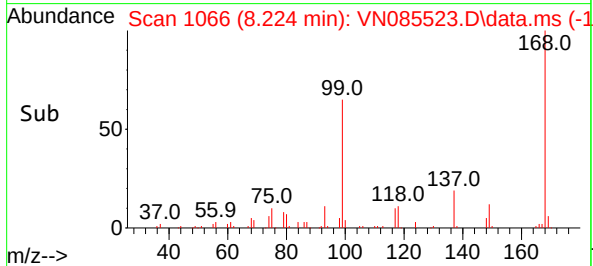


#31
Cyclohexane
Concen: 1.333 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.030 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

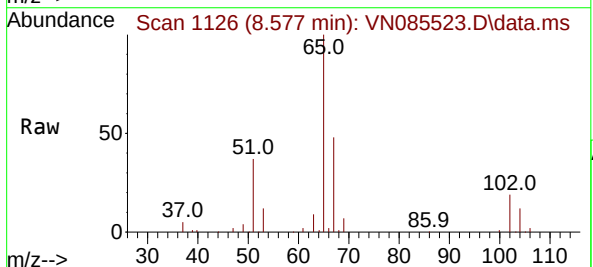
Instrument :
MSVOA_N
ClientSampleId :



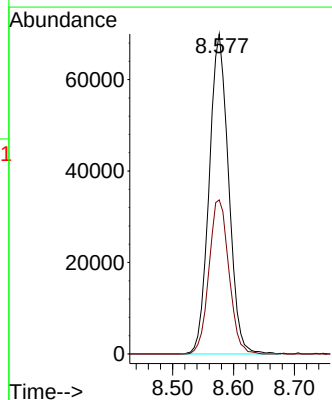
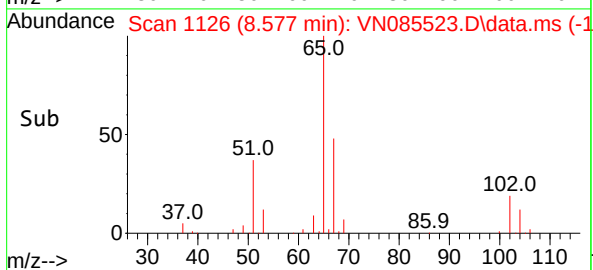
Tgt Ion: 56 Resp: 4925
Ion Ratio Lower Upper
56 100
69 140.4 22.2 33.4#
84 94.2 66.4 99.6

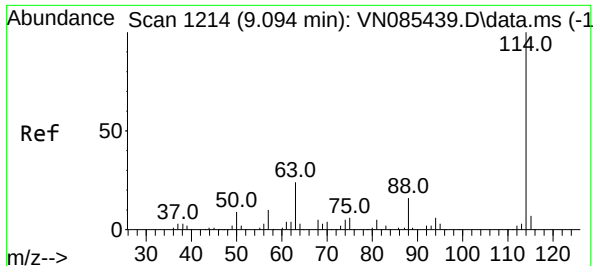


#33
1,2-Dichloroethane-d4
Concen: 53.188 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58



Tgt Ion: 65 Resp: 154833
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

Instrument :

MSVOA_N

ClientSampleId :

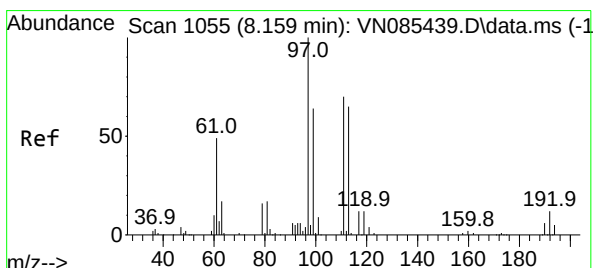
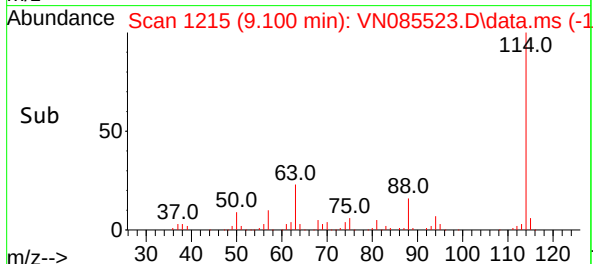
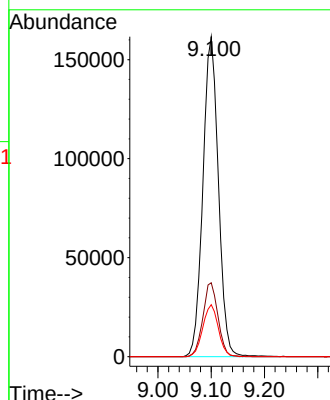
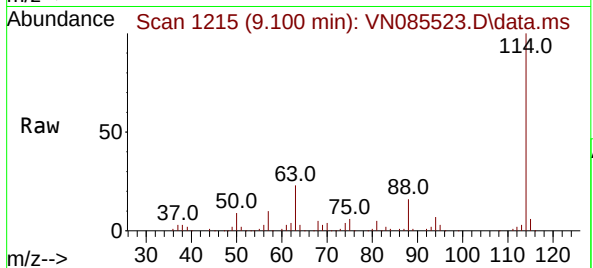
Tgt Ion:114 Resp: 326143

Ion Ratio Lower Upper

114 100

63 23.1 0.0 47.6

88 16.2 0.0 32.6



#35

Dibromofluoromethane

Concen: 51.316 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

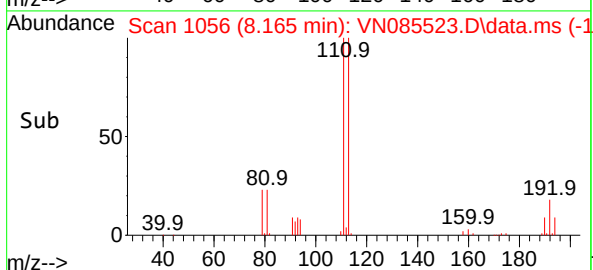
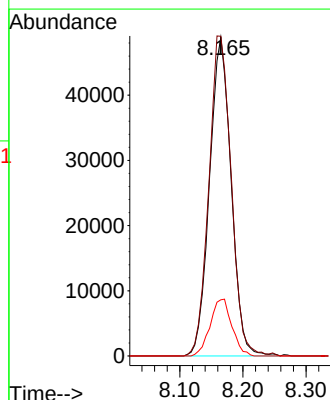
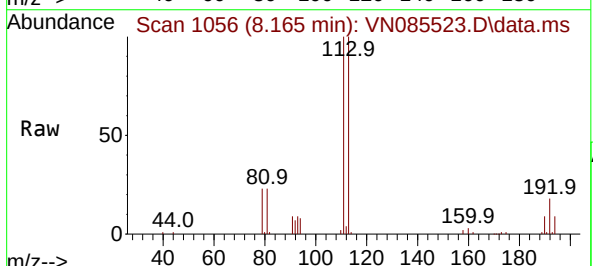
Tgt Ion:113 Resp: 116109

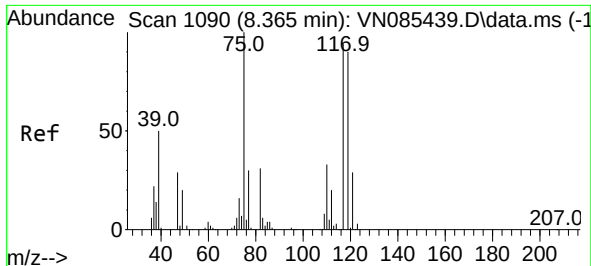
Ion Ratio Lower Upper

113 100

111 103.9 82.7 124.1

192 17.9 14.3 21.5





#36

1,1-Dichloropropene

Concen: 5.051 ug/l

RT: 8.224 min Scan# 1066

Delta R.T. -0.141 min

Lab File: VN085523.D

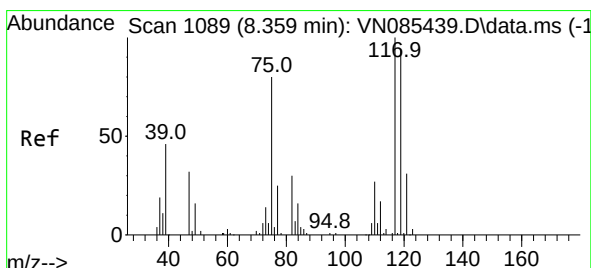
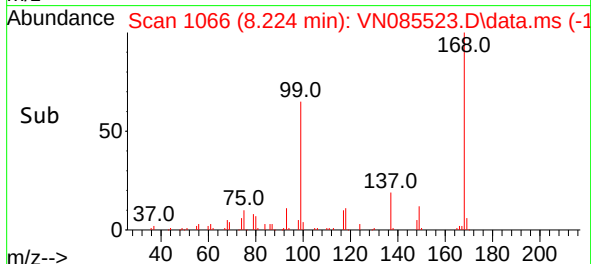
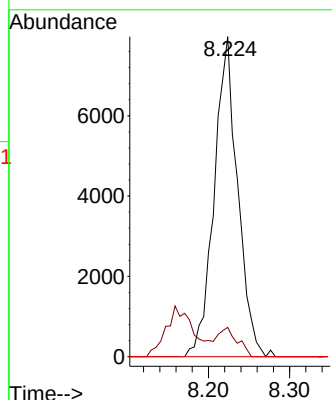
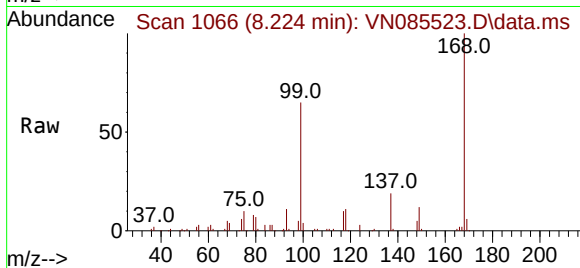
Acq: 27 Jan 2025 17:58

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	16041
Ion	Ratio	Lower	Upper
75	100		
110	7.4	16.5	49.5#
77	0.0	24.4	36.6#



#38

Carbon Tetrachloride

Concen: 5.408 ug/l

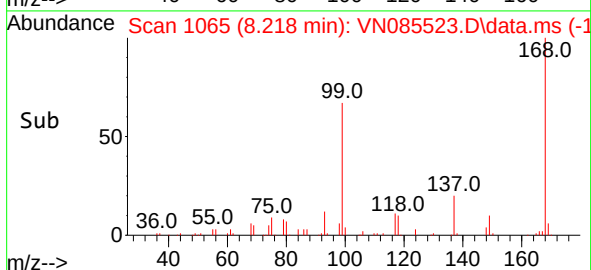
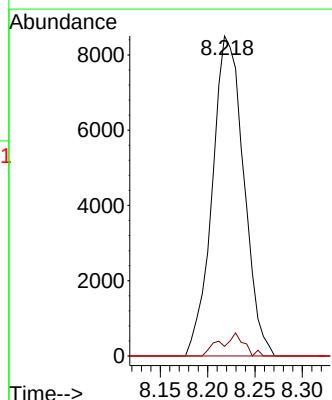
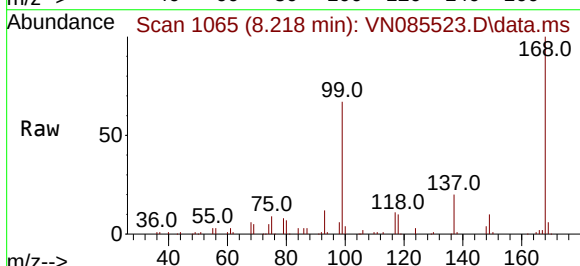
RT: 8.218 min Scan# 1065

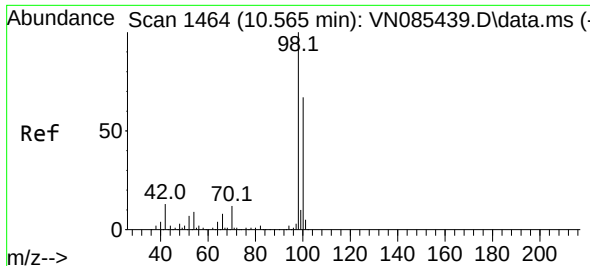
Delta R.T. -0.141 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

Tgt Ion:	117	Resp:	19660
Ion	Ratio	Lower	Upper
117	100		
119	3.0	75.4	113.2#
121	0.0	24.6	37.0#

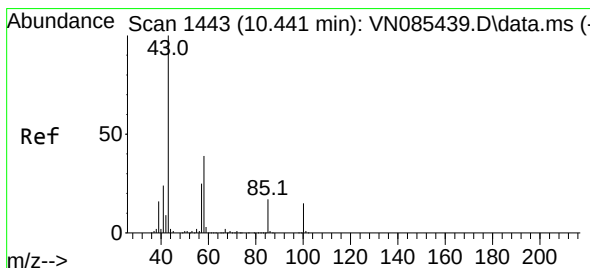
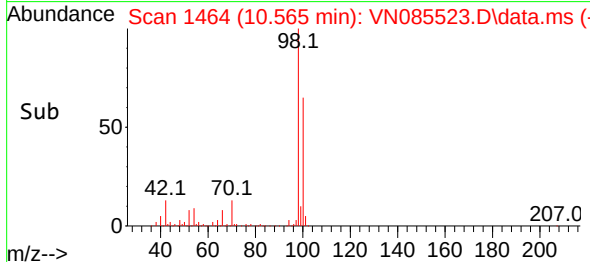
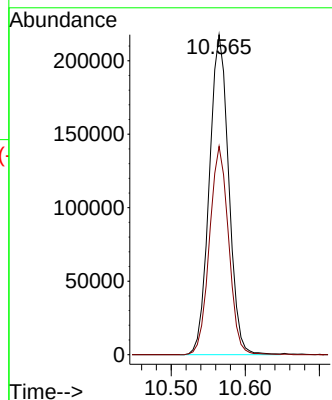
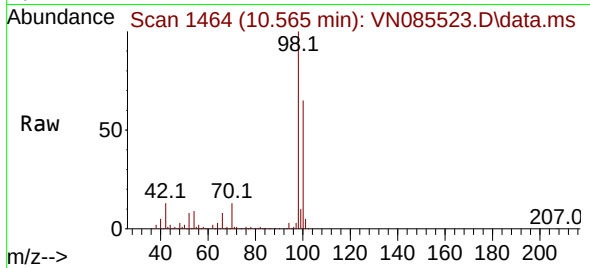




#50
Toluene-d8
Concen: 49.274 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

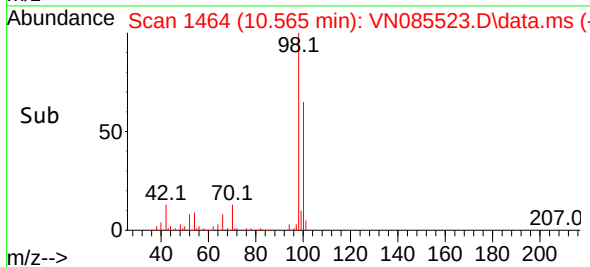
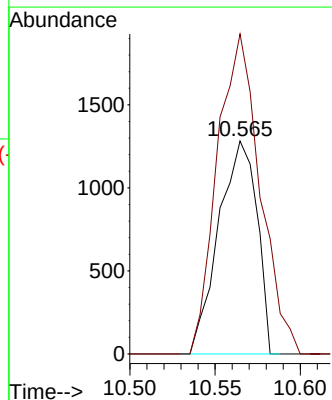
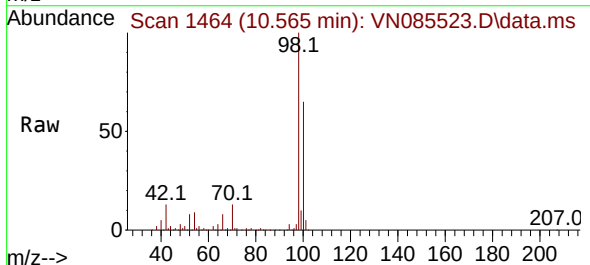
Instrument :
MSVOA_N
ClientSampleId :

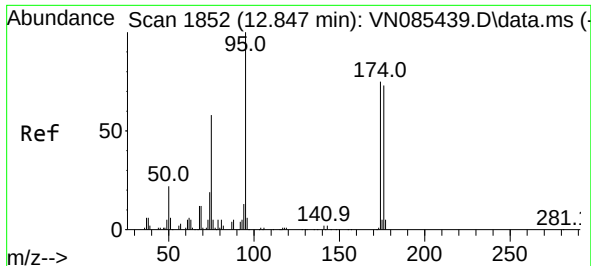
Tgt Ion: 98 Resp: 396116
Ion Ratio Lower Upper
98 100
100 64.0 52.2 78.4



#51
4-Methyl-2-Pentanone
Concen: 0.673 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. 0.124 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Tgt Ion: 43 Resp: 2005
Ion Ratio Lower Upper
43 100
58 167.8 30.5 45.7#

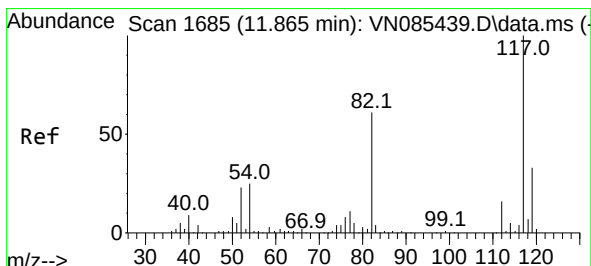
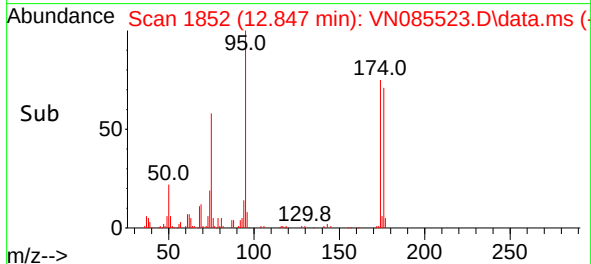
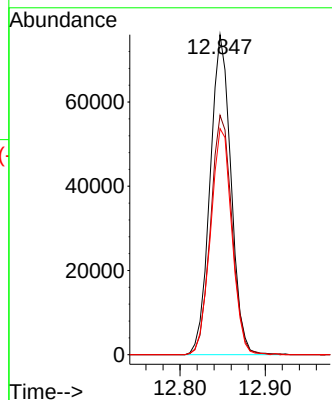
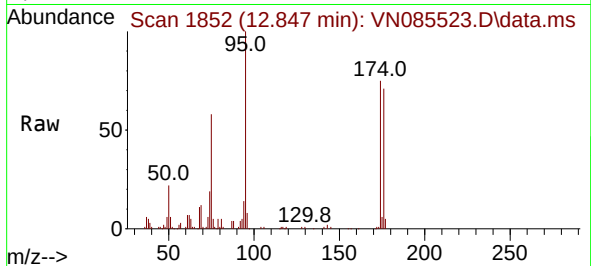




#62
4-Bromofluorobenzene
Concen: 47.007 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

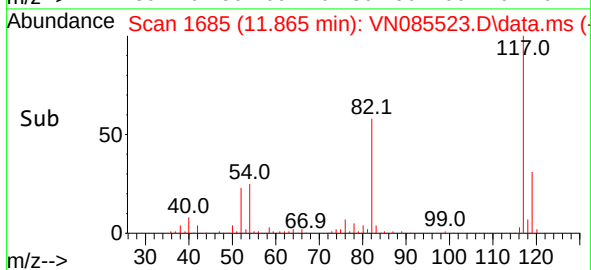
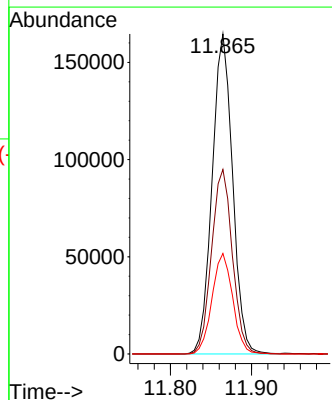
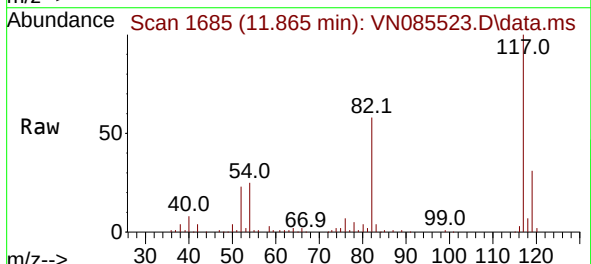
Instrument :
MSVOA_N
ClientSampleId :

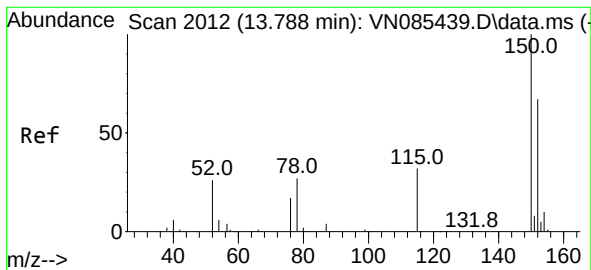
Tgt Ion: 95 Resp: 129268
Ion Ratio Lower Upper
95 100
174 76.9 0.0 145.0
176 72.1 0.0 142.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1685
Delta R.T. -0.000 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Tgt Ion: 117 Resp: 288357
Ion Ratio Lower Upper
117 100
82 57.6 48.6 72.8
119 31.4 26.6 39.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.000 min

Lab File: VN085523.D

Acq: 27 Jan 2025 17:58

Instrument :

MSVOA_N

ClientSampleId :

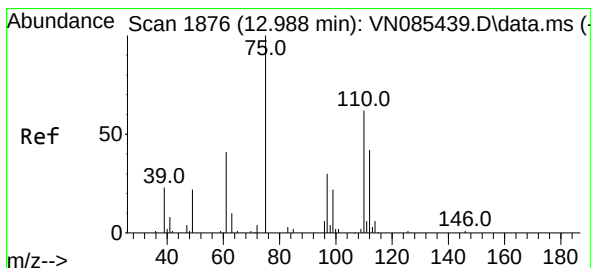
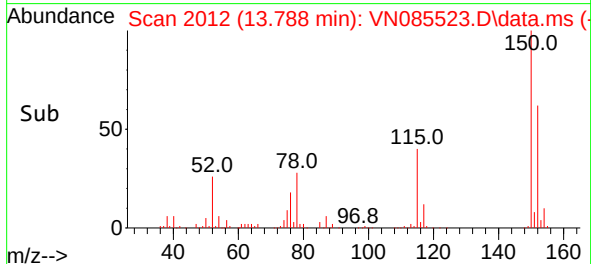
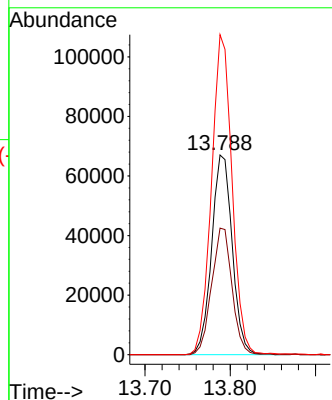
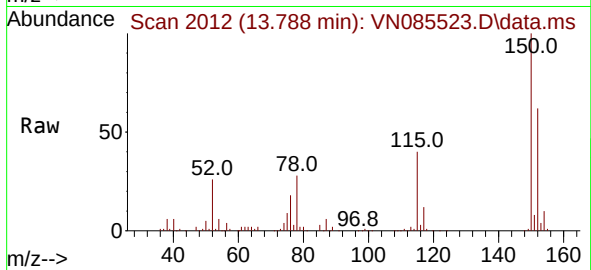
Tgt Ion:152 Resp: 112650

Ion Ratio Lower Upper

152 100

115 62.6 31.1 93.3

150 160.0 0.0 343.6



#76

1,2,3-Trichloropropane

Concen: 31.818 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.141 min

Lab File: VN085523.D

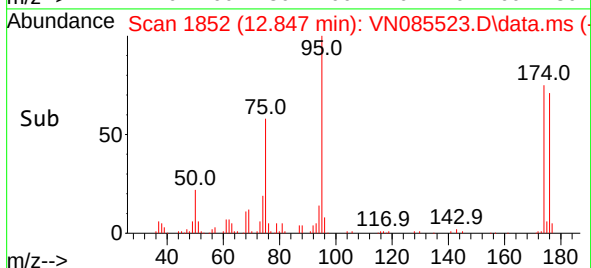
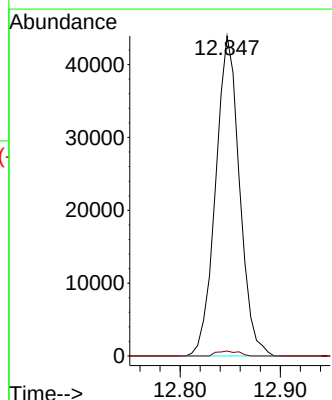
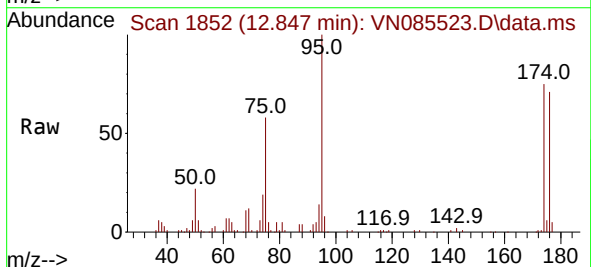
Acq: 27 Jan 2025 17:58

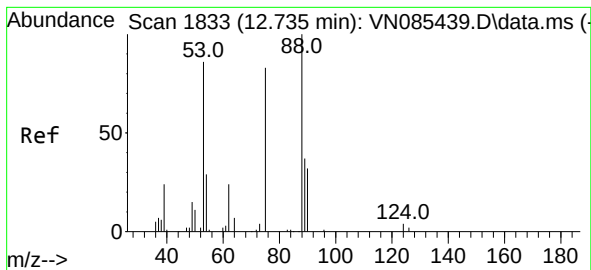
Tgt Ion: 75 Resp: 72852

Ion Ratio Lower Upper

75 100

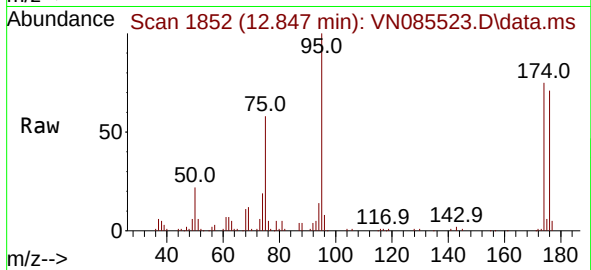
77 1.4 109.7 329.2#





#81
trans-1,4-Dichloro-2-butene
Concen: 86.086 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN085523.D
Acq: 27 Jan 2025 17:58

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 75 Resp: 72852
Ion Ratio Lower Upper
75 100
53 0.2 95.6 143.4#
89 0.0 37.0 55.6#

