

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN021925\
 Data File : VN085789.D
 Acq On : 19 Feb 2025 14:45
 Operator : JC\MD
 Sample : Q1380-02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-TB-20250210

Quant Time: Feb 20 00:48:50 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021825W.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 19 03:43:32 2025
 Response via : Initial Calibration

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

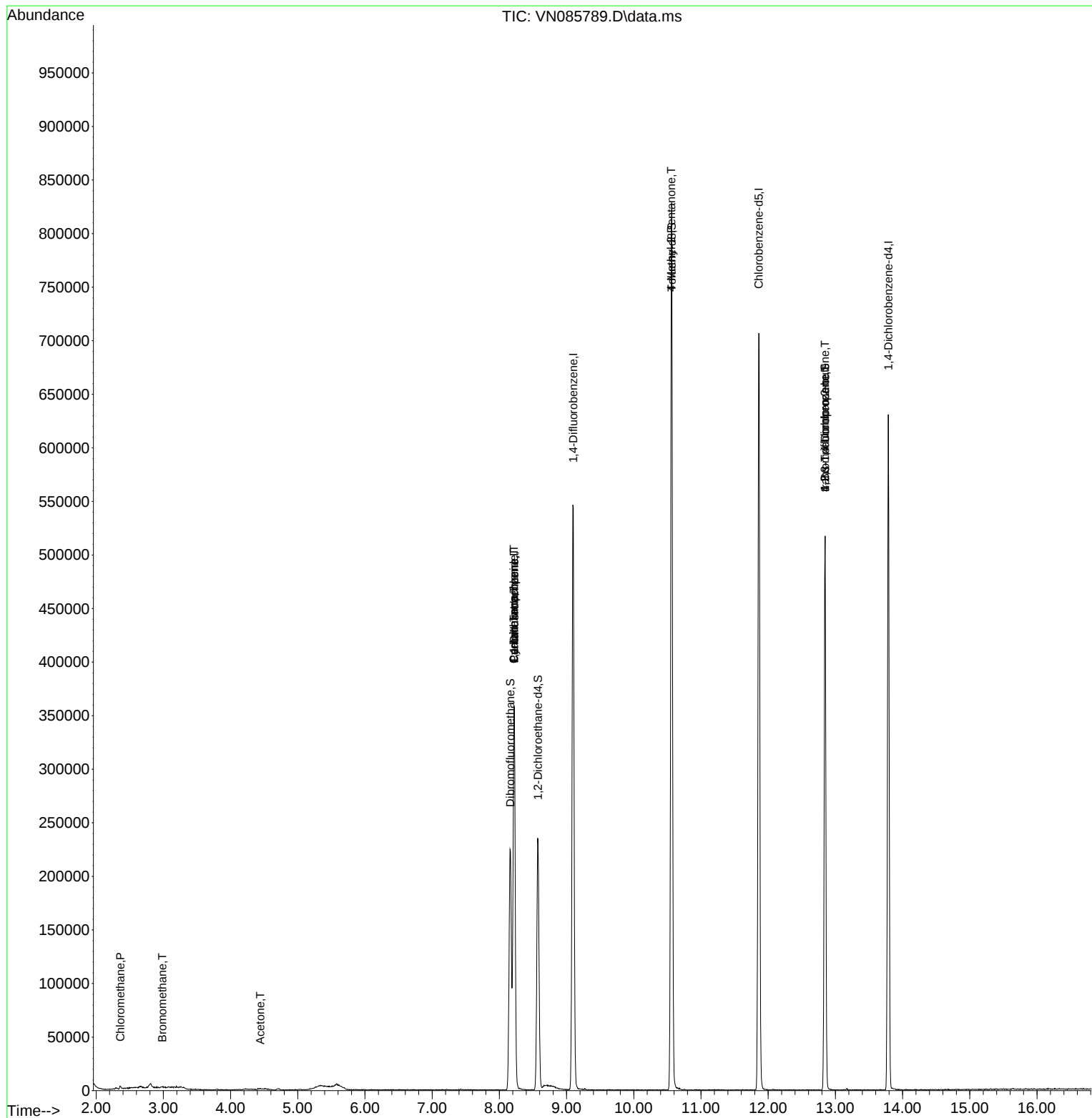
Internal Standards						
1) Pentafluorobenzene	8.224	168	264567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.100	114	487878	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.859	117	434147	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	174960	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.577	65	197282	57.516	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 115.040%			
35) Dibromofluoromethane	8.165	113	168807	52.877	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 105.760%			
50) Toluene-d8	10.565	98	589406	50.745	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.480%			
62) 4-Bromofluorobenzene	12.847	95	182780	47.762	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 95.520%			
Target Compounds						
					Qvalue	
3) Chloromethane	2.359	50	2141	0.593	ug/l	93
5) Bromomethane	2.983	94	854	0.349	ug/l	100
16) Acetone	4.442	43	1473	1.357	ug/l	88
31) Cyclohexane	8.218	56	5363	1.095	ug/l #	1
36) 1,1-Dichloropropene	8.218	75	21923	4.852	ug/l #	50
38) Carbon Tetrachloride	8.218	117	26744	4.982	ug/l #	19
51) 4-Methyl-2-Pentanone	10.559	43	2264	0.632	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	93850	24.148	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	93850	70.458	ug/l #	13

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

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BP-VPB-192-TB-20250210

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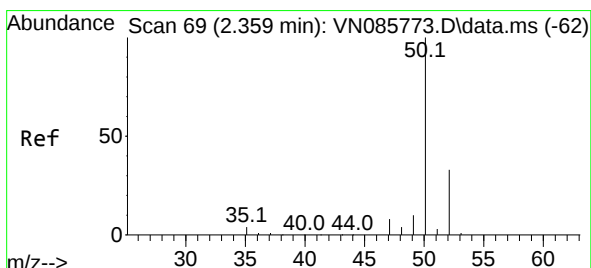
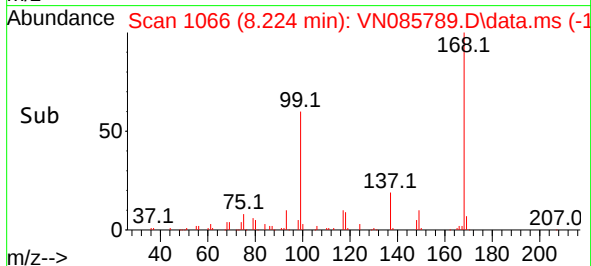
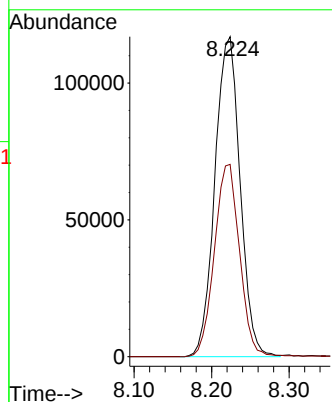
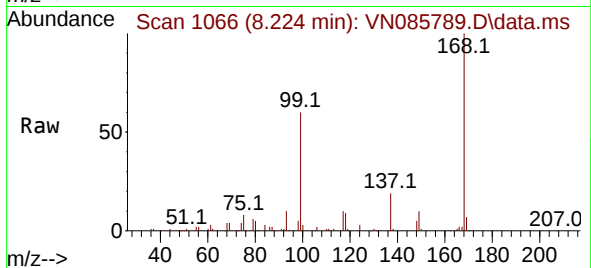




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.224 min Scan# 1
Delta R.T. 0.006 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

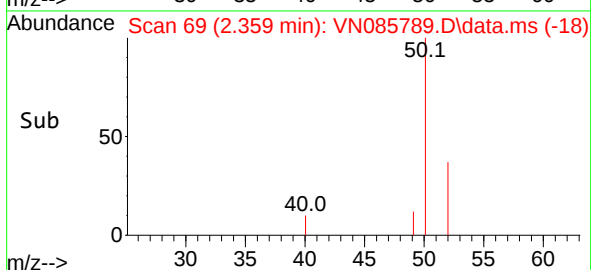
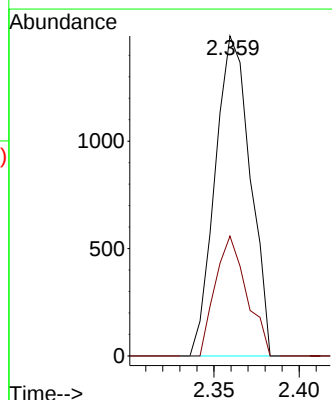
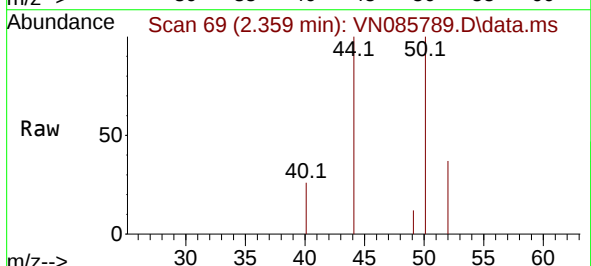
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250210

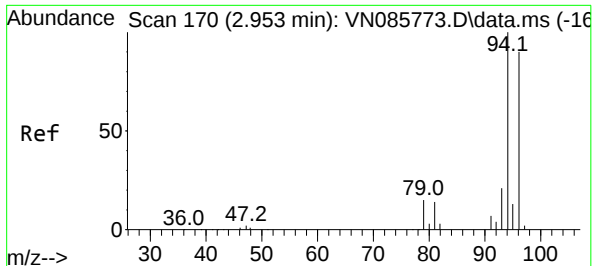
Tgt Ion:168 Resp: 264567
Ion Ratio Lower Upper
168 100
99 60.1 47.9 71.9



#3
Chloromethane
Concen: 0.593 ug/l
RT: 2.359 min Scan# 69
Delta R.T. 0.000 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

Tgt Ion: 50 Resp: 2141
Ion Ratio Lower Upper
50 100
52 37.4 26.7 40.1

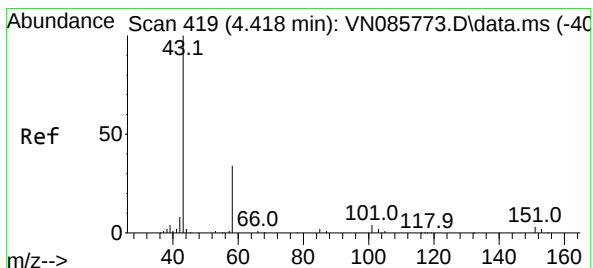
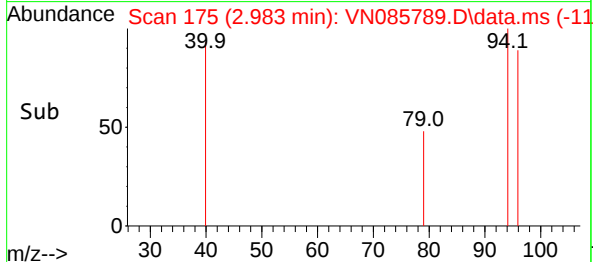
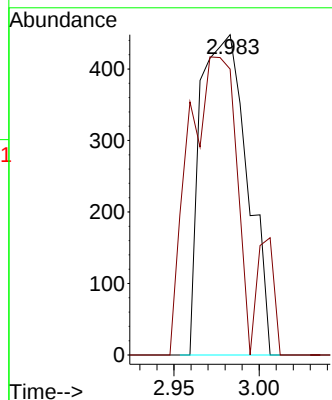
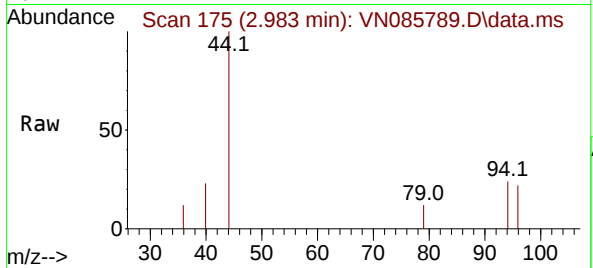




#5
Bromomethane
Concen: 0.349 ug/l
RT: 2.983 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

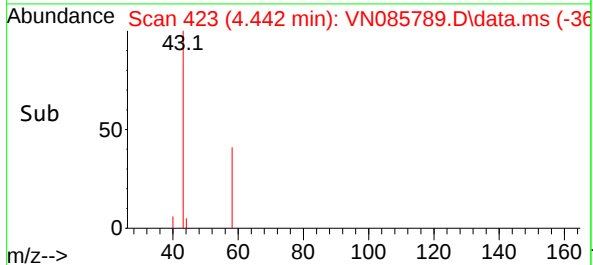
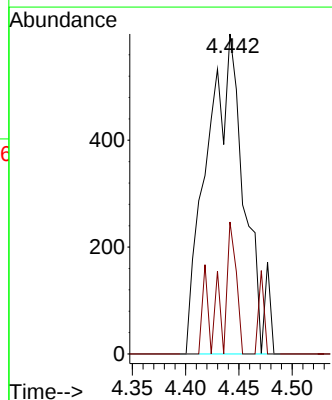
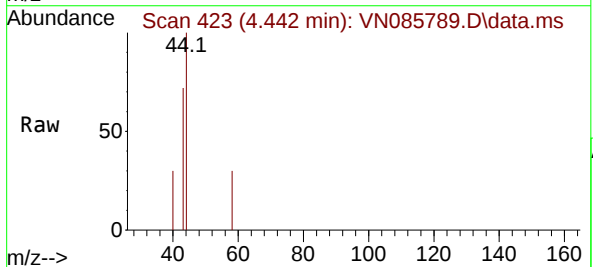
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250210

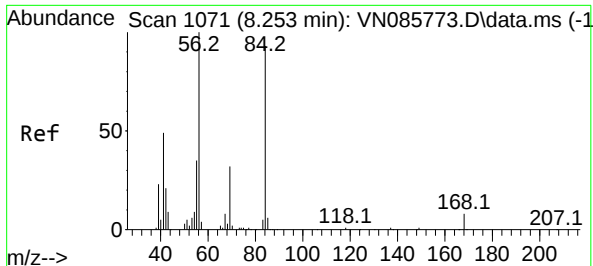
Tgt Ion: 94 Resp: 854
Ion Ratio Lower Upper
94 100
96 89.3 71.7 107.5



#16
Acetone
Concen: 1.357 ug/l
RT: 4.442 min Scan# 423
Delta R.T. 0.024 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

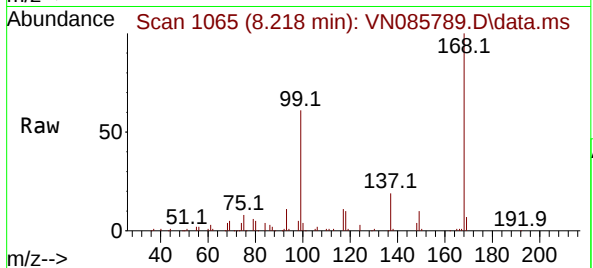
Tgt Ion: 43 Resp: 1473
Ion Ratio Lower Upper
43 100
58 41.2 27.5 41.3



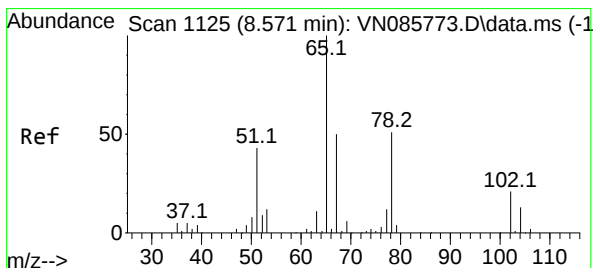
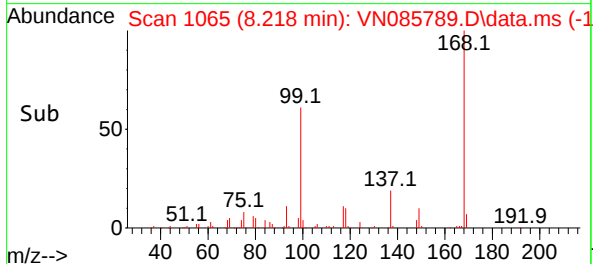
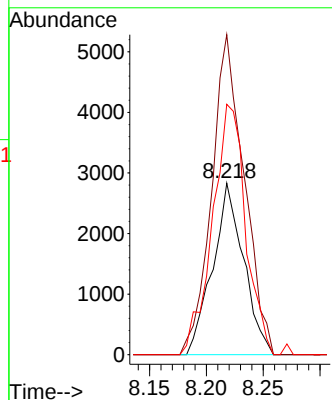


#31
Cyclohexane
Concen: 1.095 ug/l
RT: 8.218 min Scan# 1065
Delta R.T. -0.035 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250210

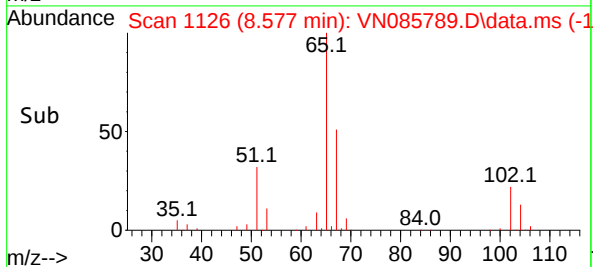
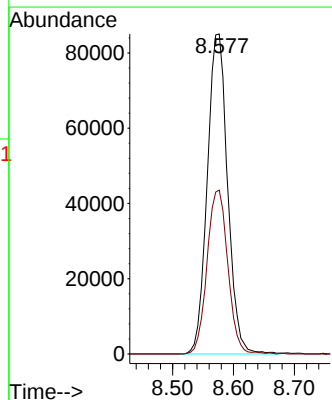
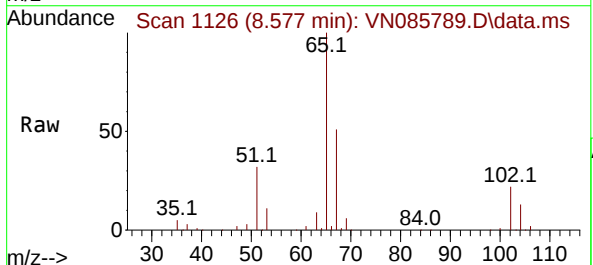


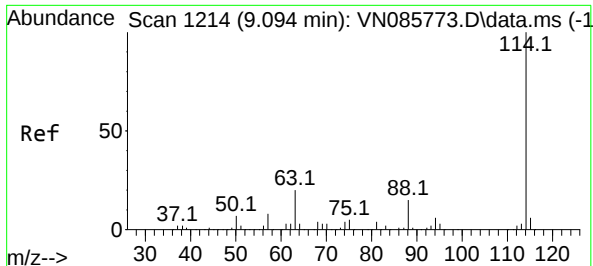
Tgt Ion: 56 Resp: 5363
Ion Ratio Lower Upper
56 100
69 186.6 25.8 38.6#
84 146.1 74.5 111.7#



#33
1,2-Dichloroethane-d4
Concen: 57.516 ug/l
RT: 8.577 min Scan# 1126
Delta R.T. 0.006 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

Tgt Ion: 65 Resp: 197282
Ion Ratio Lower Upper
65 100
67 52.2 0.0 106.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.100 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN085789.D

Acq: 19 Feb 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

BP-VPB-192-TB-20250210

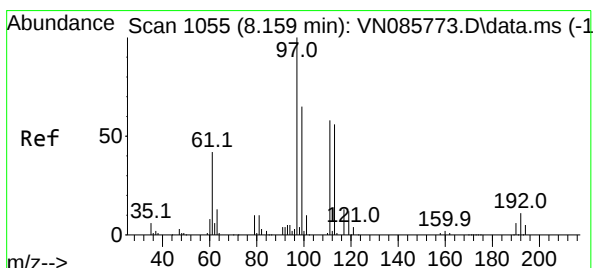
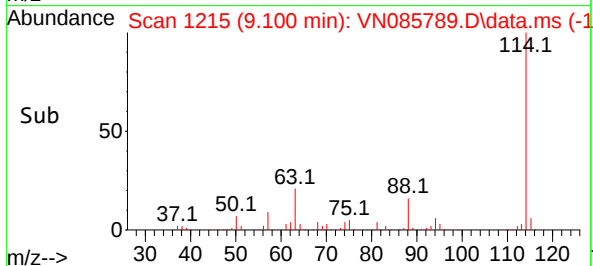
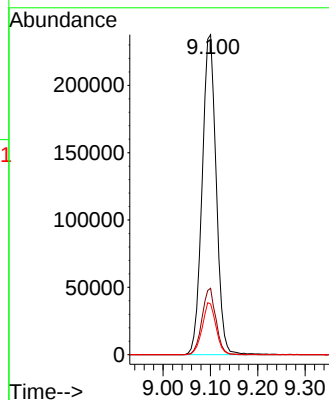
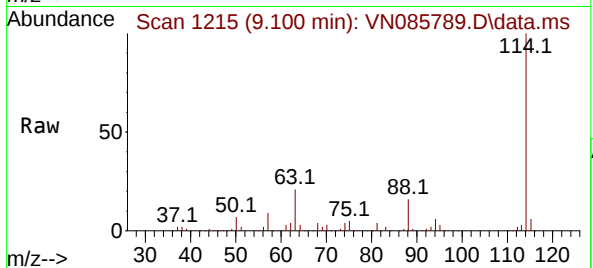
Tgt Ion:114 Resp: 487878

Ion Ratio Lower Upper

114 100

63 20.8 0.0 39.2

88 15.9 0.0 30.0



#35

Dibromofluoromethane

Concen: 52.877 ug/l

RT: 8.165 min Scan# 1056

Delta R.T. 0.006 min

Lab File: VN085789.D

Acq: 19 Feb 2025 14:45

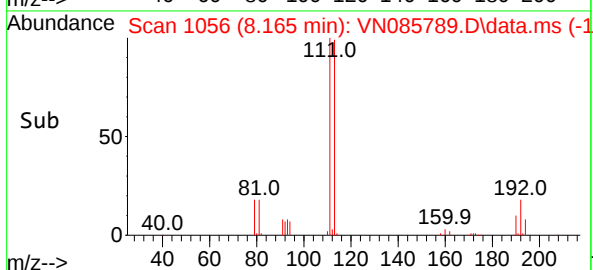
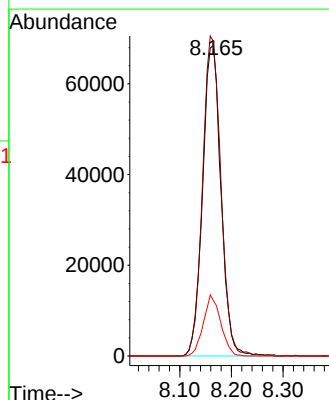
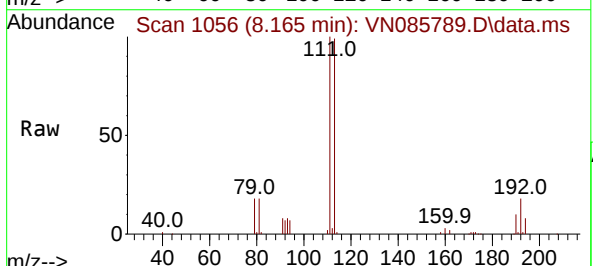
Tgt Ion:113 Resp: 168807

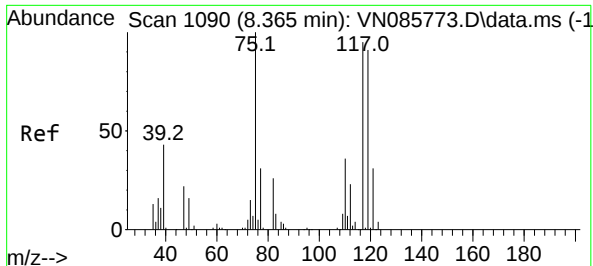
Ion Ratio Lower Upper

113 100

111 102.8 82.2 123.4

192 18.5 14.7 22.1





#36

1,1-Dichloropropene

Concen: 4.852 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.147 min

Lab File: VN085789.D

Acq: 19 Feb 2025 14:45

Instrument :

MSVOA_N

ClientSampleId :

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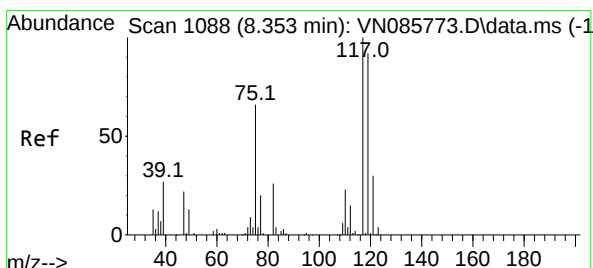
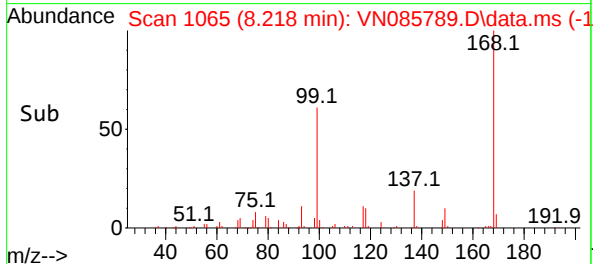
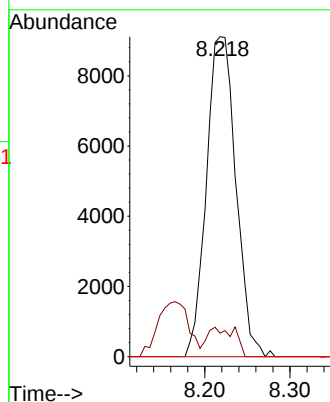
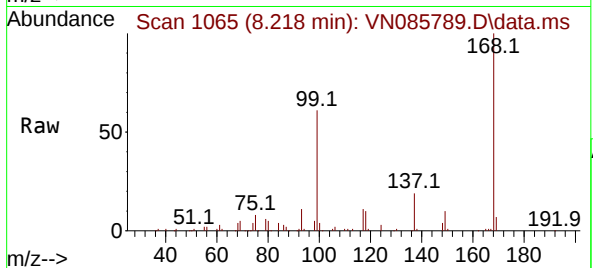
Tgt Ion: 75 Resp: 21923

Ion Ratio Lower Upper

75 100

110 8.6 17.3 52.0#

77 0.0 24.6 37.0#



#38

Carbon Tetrachloride

Concen: 4.982 ug/l

RT: 8.218 min Scan# 1065

Delta R.T. -0.135 min

Lab File: VN085789.D

Acq: 19 Feb 2025 14:45

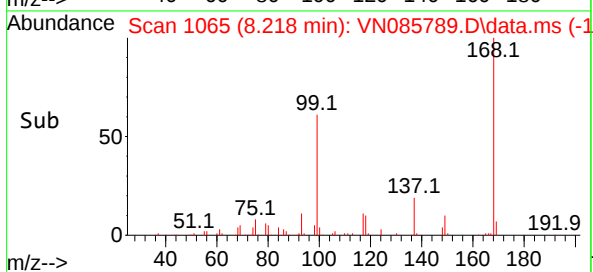
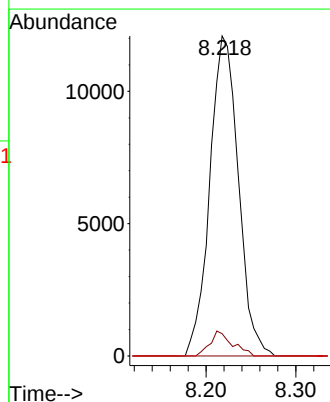
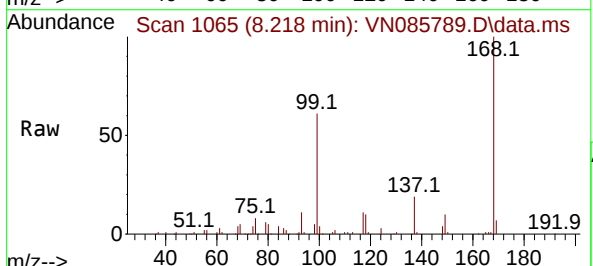
Tgt Ion: 117 Resp: 26744

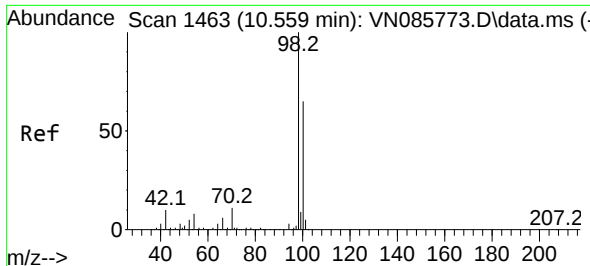
Ion Ratio Lower Upper

117 100

119 7.0 73.8 110.6#

121 0.0 24.3 36.5#

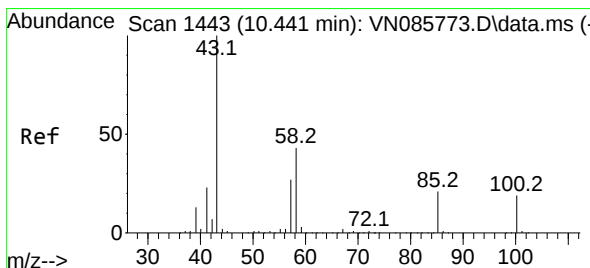
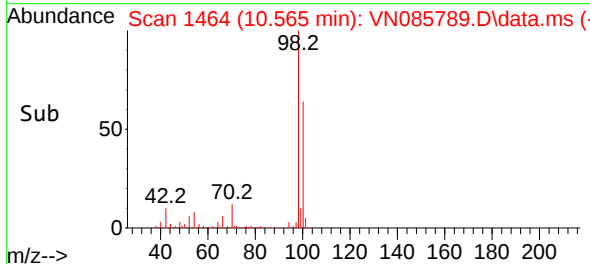
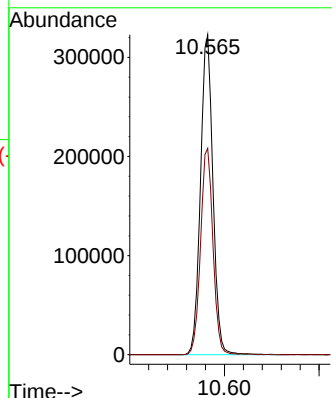
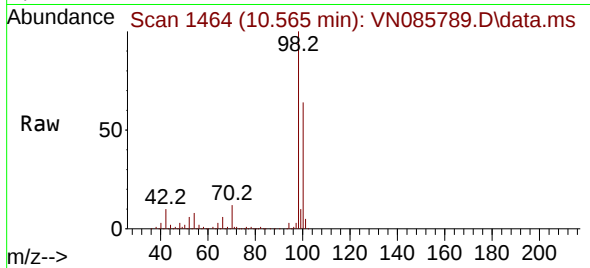




#50
Toluene-d8
Concen: 50.745 ug/l
RT: 10.565 min Scan# 1463
Delta R.T. 0.006 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

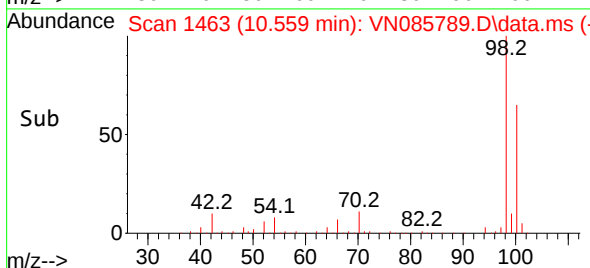
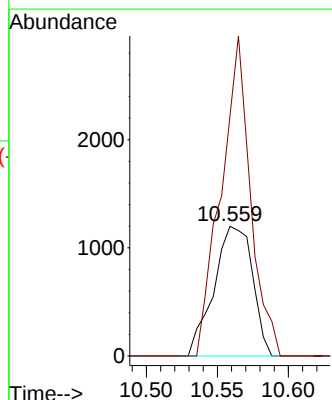
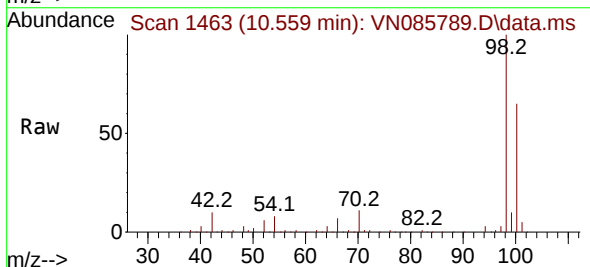
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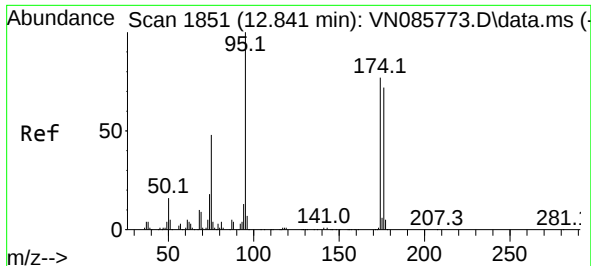
Tgt Ion: 98 Resp: 589406
Ion Ratio Lower Upper
98 100
100 64.3 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.632 ug/l
RT: 10.559 min Scan# 1463
Delta R.T. 0.118 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

Tgt Ion: 43 Resp: 2264
Ion Ratio Lower Upper
43 100
58 188.4 34.6 52.0#

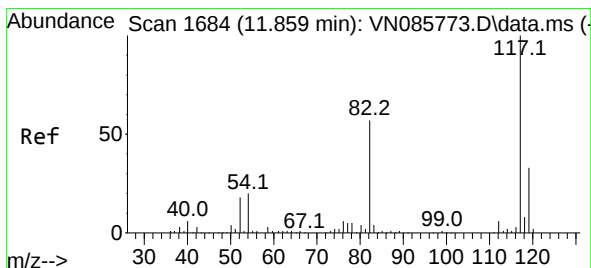
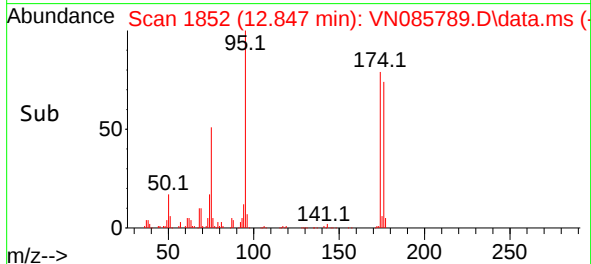
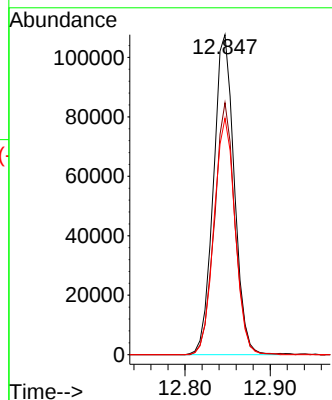
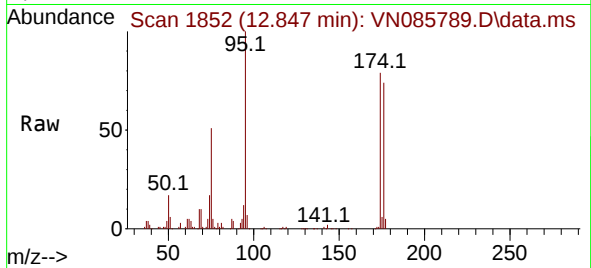




#62
4-Bromofluorobenzene
Concen: 47.762 ug/l
RT: 12.847 min Scan# 1851
Delta R.T. 0.006 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

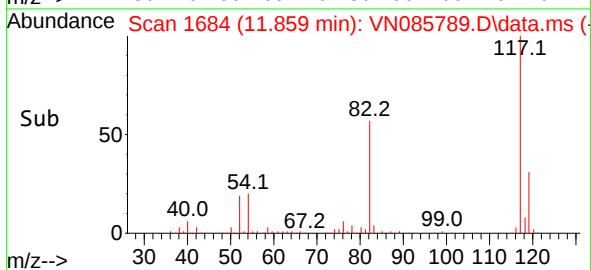
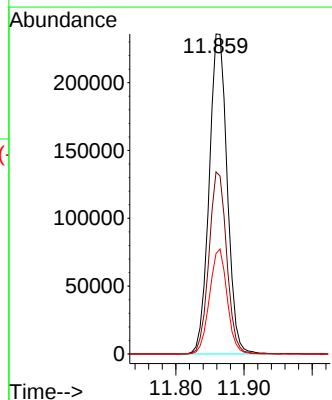
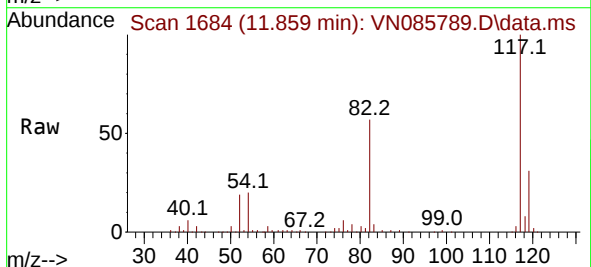
Instrument :
MSVOA_N
ClientSampleId :
BP-VPB-192-TB-20250210

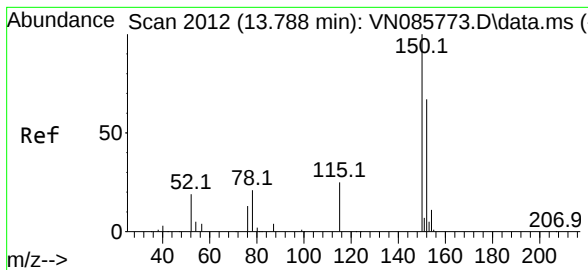
Tgt Ion: 95 Resp: 182780
Ion Ratio Lower Upper
95 100
174 77.4 0.0 152.4
176 74.9 0.0 146.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.859 min Scan# 1684
Delta R.T. 0.000 min
Lab File: VN085789.D
Acq: 19 Feb 2025 14:45

Tgt Ion: 117 Resp: 434147
Ion Ratio Lower Upper
117 100
82 56.9 45.7 68.5
119 31.4 26.2 39.2

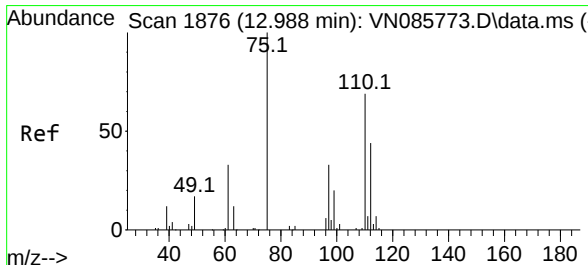
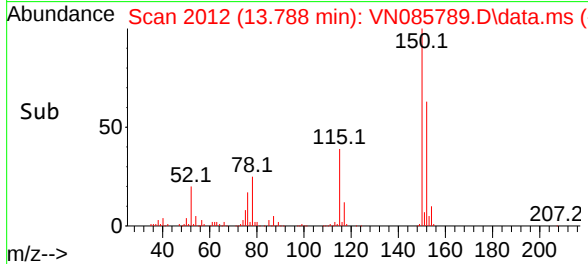
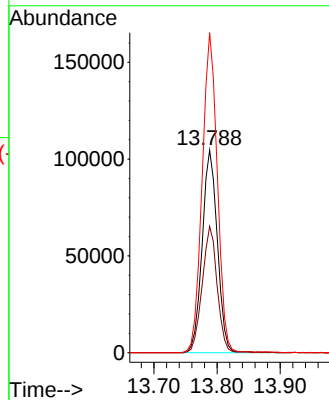
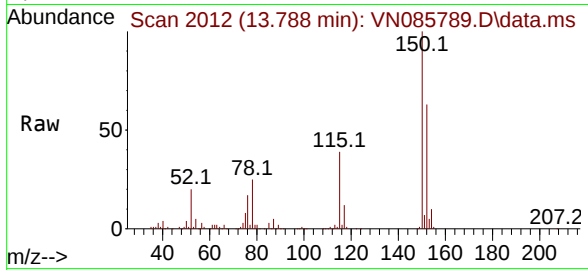




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. 0.000 min
 Lab File: VN085789.D
 Acq: 19 Feb 2025 14:45

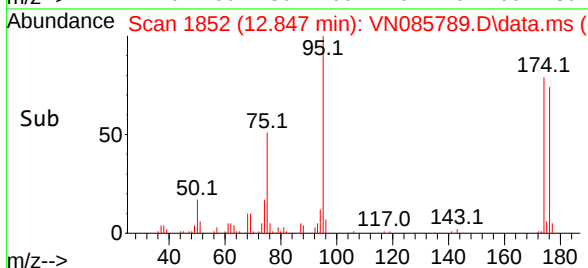
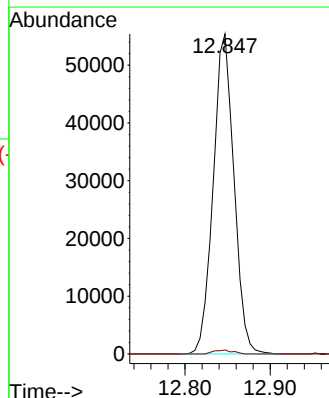
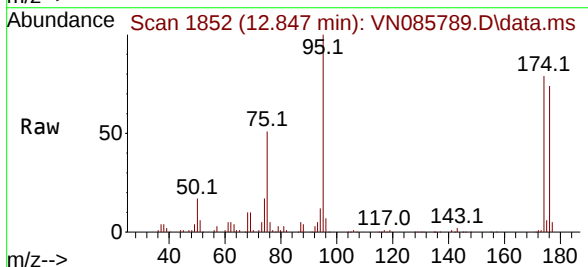
Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-TB-20250210

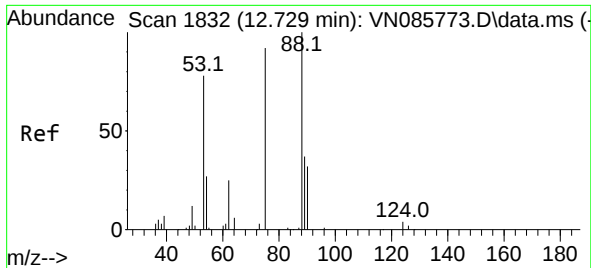
Tgt Ion:152 Resp: 174960
 Ion Ratio Lower Upper
 152 100
 115 61.1 30.4 91.3
 150 157.5 0.0 345.4



#76
 1,2,3-Trichloropropane
 Concen: 24.148 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.141 min
 Lab File: VN085789.D
 Acq: 19 Feb 2025 14:45

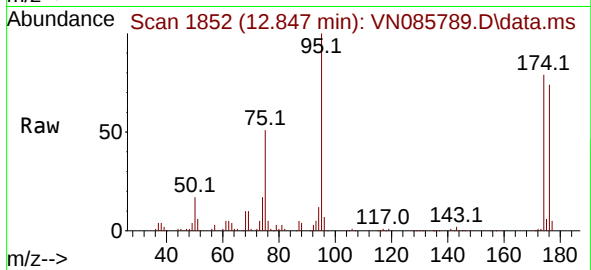
Tgt Ion: 75 Resp: 93850
 Ion Ratio Lower Upper
 75 100
 77 1.1 100.0 300.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 70.458 ug/l
 RT: 12.847 min Scan# 11
 Delta R.T. 0.118 min
 Lab File: VN085789.D
 Acq: 19 Feb 2025 14:45

Instrument :
 MSVOA_N
 ClientSampleId :
 BP-VPB-192-TB-20250210



Tgt Ion: 75 Resp: 93850
 Ion Ratio Lower Upper
 75 100
 53 0.1 74.2 111.4#
 89 0.0 34.9 52.3#

