

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN061025\
 Data File : VN086920.D
 Acq On : 10 Jun 2025 12:08
 Operator : JC\MD
 Sample : Q2250-06
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TB-01-060525

Quant Time: Jun 11 01:51:43 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

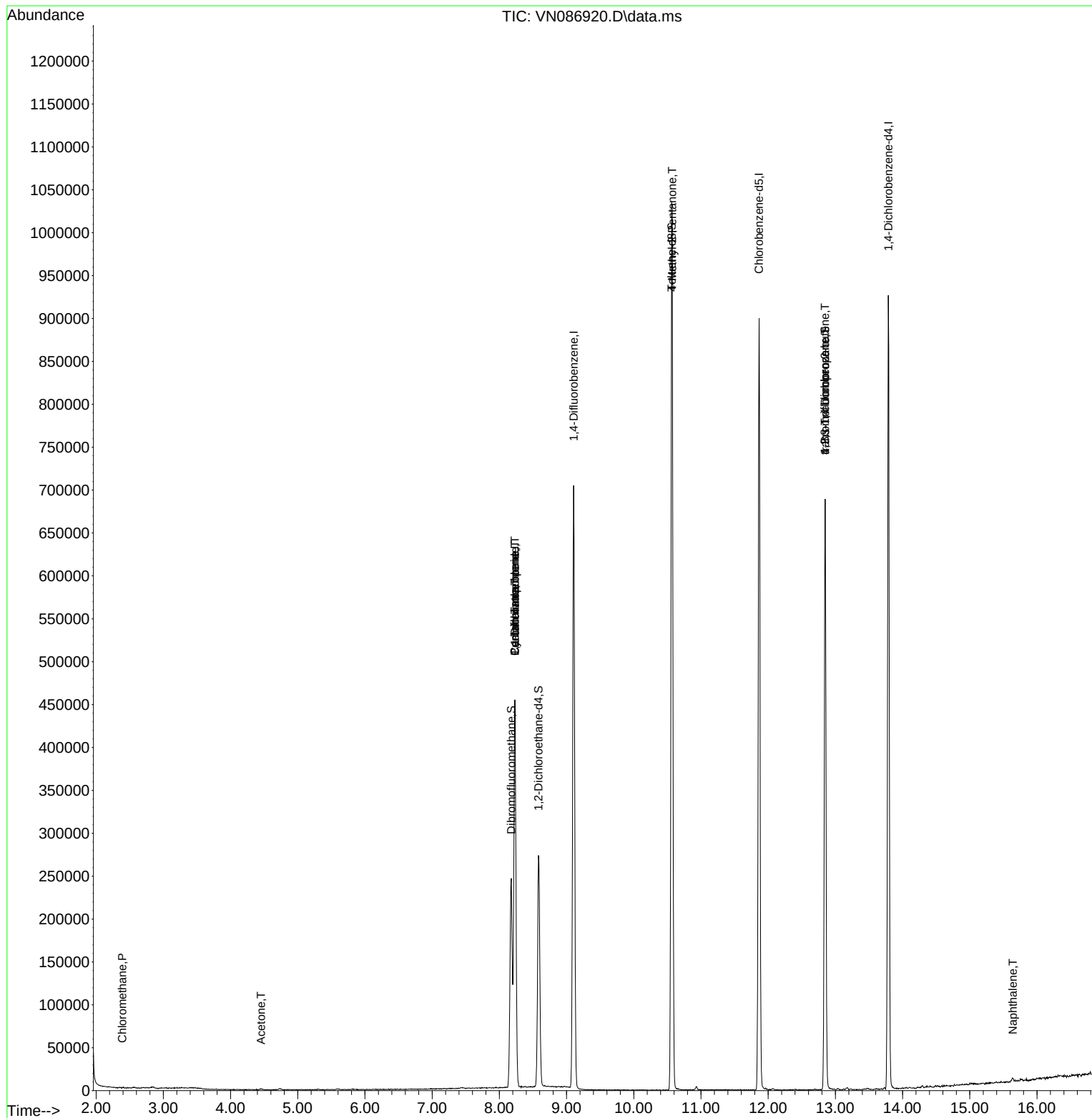
Internal Standards						
1) Pentafluorobenzene	8.230	168	350151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	648560	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	563762	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	266280	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	221297	47.204	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	94.400%		
35) Dibromofluoromethane	8.177	113	187512	48.787	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	97.580%		
50) Toluene-d8	10.565	98	777698	51.112	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	102.220%		
62) 4-Bromofluorobenzene	12.847	95	277459	49.082	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery =	98.160%		
Target Compounds						
					Qvalue	
3) Chloromethane	2.389	50	956	0.212	ug/l #	43
16) Acetone	4.453	43	2063	0.830	ug/l	90
31) Cyclohexane	8.230	56	6102	0.803	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	26731	4.667	ug/l #	48
38) Carbon Tetrachloride	8.230	117	34364	6.112	ug/l #	16
51) 4-Methyl-2-Pentanone	10.571	43	2786	0.395	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	127190	20.095	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	127190	46.257	ug/l #	16
95) Naphthalene	15.641	128	4878	0.244	ug/l #	94

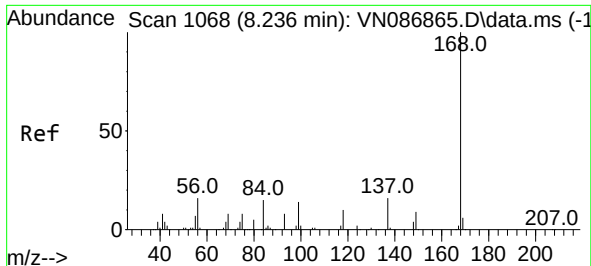
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Sample : Q2250-06
Misc : 5.0mL/MSVOA_N/WATER
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MSVOA_N
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TB-01-060525

Quant Time: Jun 11 01:51:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

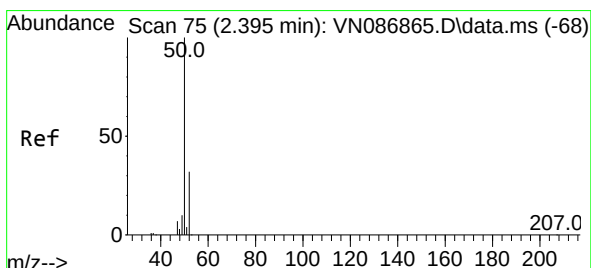
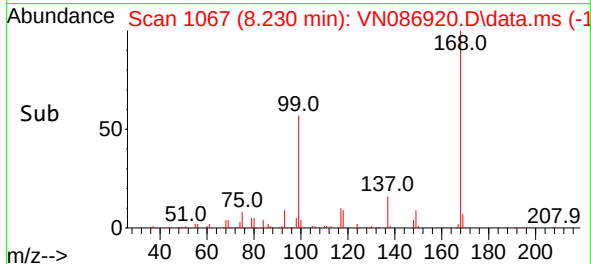
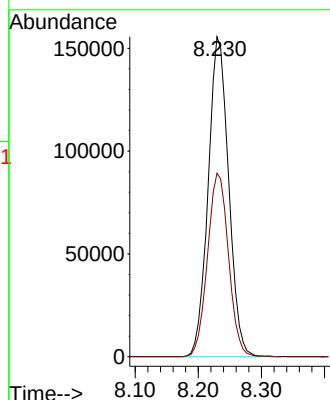
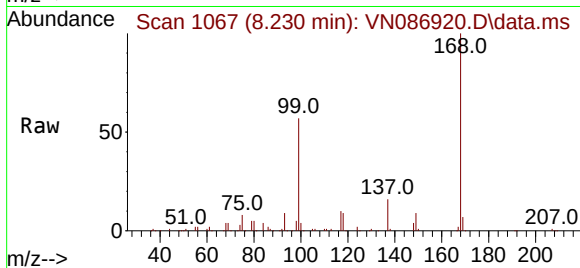




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 10
Delta R.T. -0.006 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

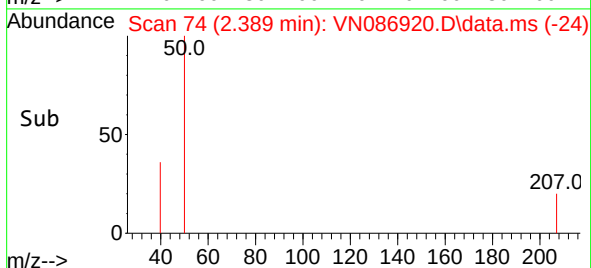
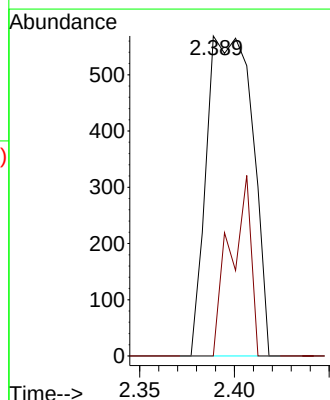
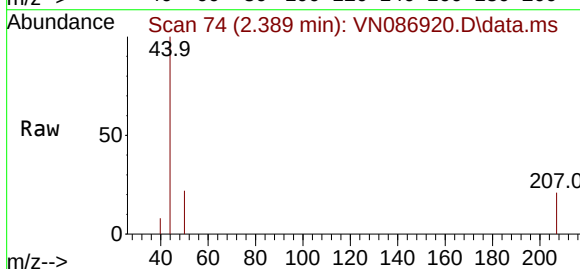
Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525

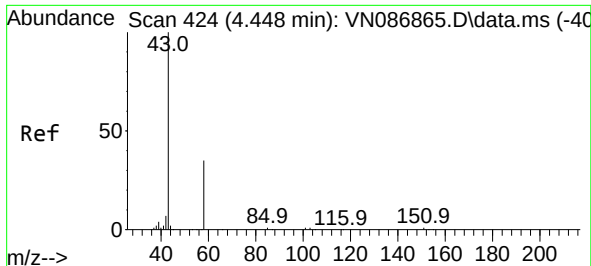
Tgt Ion:168 Resp: 350151
Ion Ratio Lower Upper
168 100
99 57.3 49.1 73.7



#3
Chloromethane
Concen: 0.212 ug/l
RT: 2.389 min Scan# 74
Delta R.T. -0.006 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Tgt Ion: 50 Resp: 956
Ion Ratio Lower Upper
50 100
52 0.0 25.7 38.5#

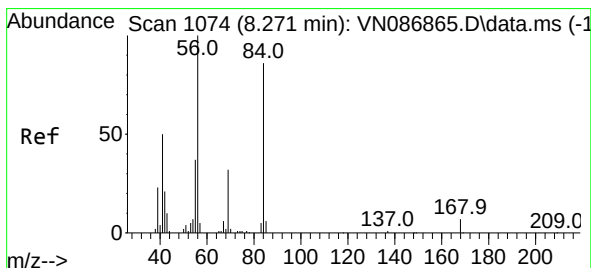
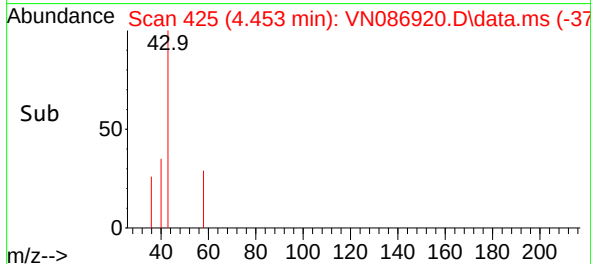
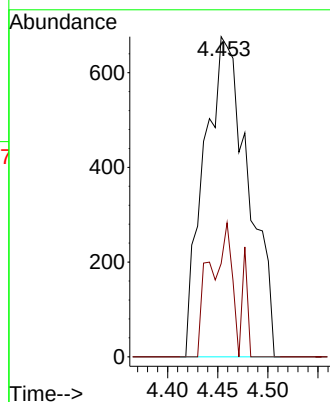
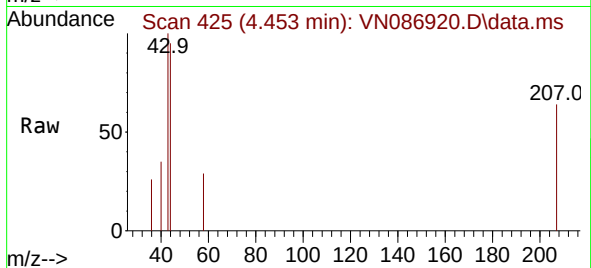




#16
Acetone
Concen: 0.830 ug/l
RT: 4.453 min Scan# 41
Delta R.T. 0.006 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

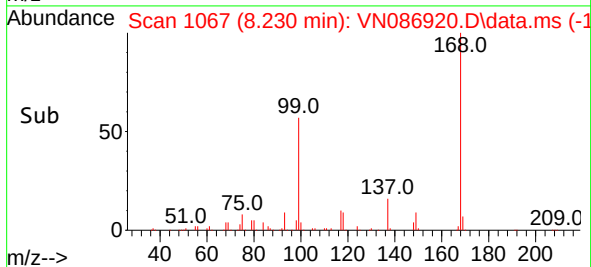
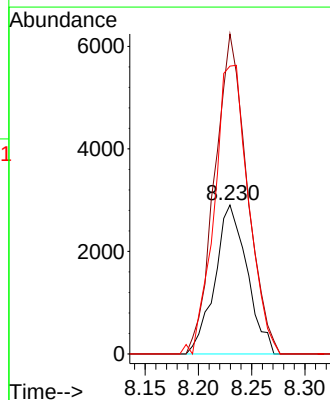
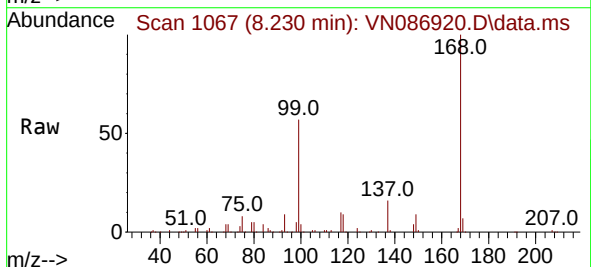
Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525

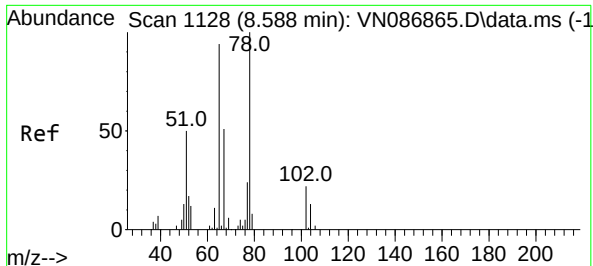
Tgt Ion: 43 Resp: 2063
Ion Ratio Lower Upper
43 100
58 29.1 28.0 42.0



#31
Cyclohexane
Concen: 0.803 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Tgt Ion: 56 Resp: 6102
Ion Ratio Lower Upper
56 100
69 214.8 25.4 38.0#
84 193.2 68.8 103.2#





#33

1,2-Dichloroethane-d4

Concen: 47.204 ug/l

RT: 8.583 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VN086920.D

Acq: 10 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

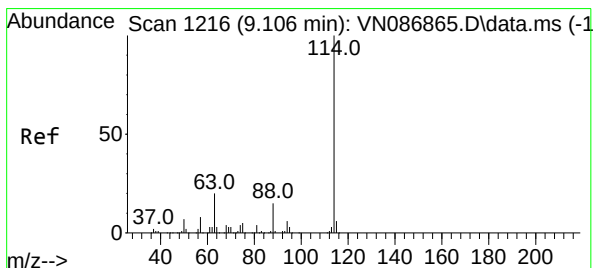
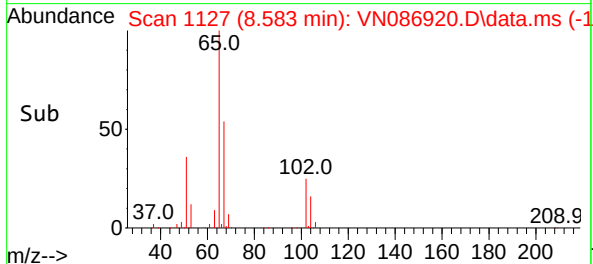
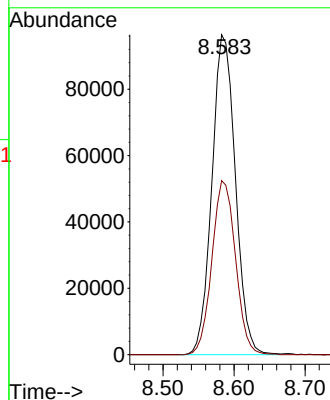
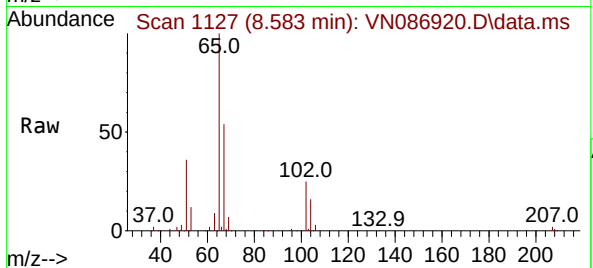
TB-01-060525

Tgt Ion: 65 Resp: 221297

Ion Ratio Lower Upper

65 100

67 54.6 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086920.D

Acq: 10 Jun 2025 12:08

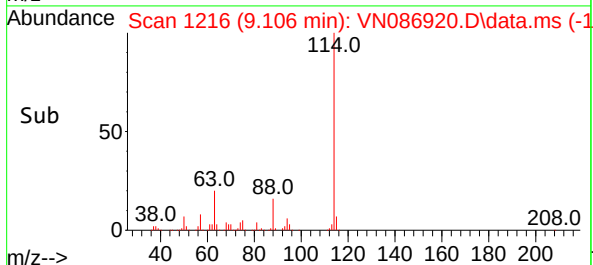
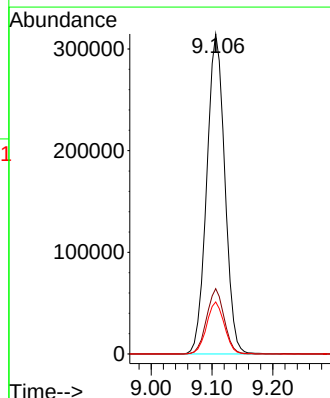
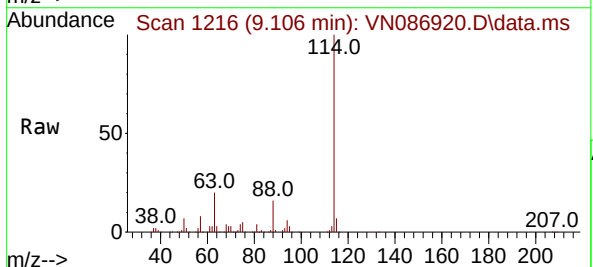
Tgt Ion: 114 Resp: 648560

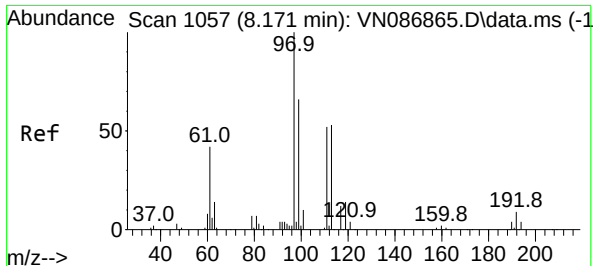
Ion Ratio Lower Upper

114 100

63 20.4 0.0 39.6

88 16.2 0.0 30.2





#35

Dibromofluoromethane

Concen: 48.787 ug/l

RT: 8.177 min Scan# 1057

Delta R.T. 0.006 min

Lab File: VN086920.D

Acq: 10 Jun 2025 12:08

Instrument :

MSVOA_N

ClientSampleId :

TB-01-060525

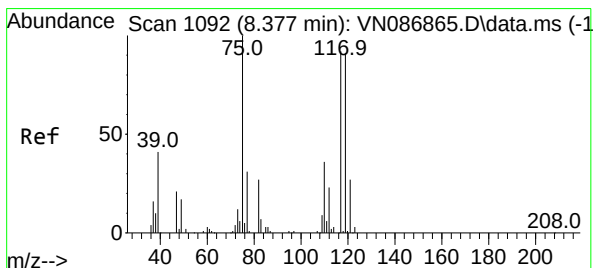
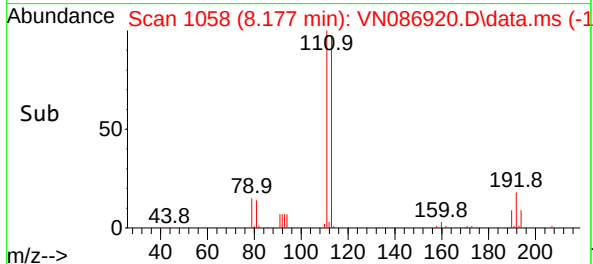
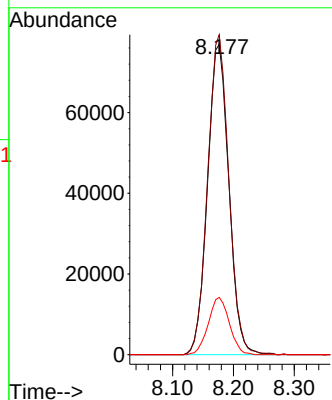
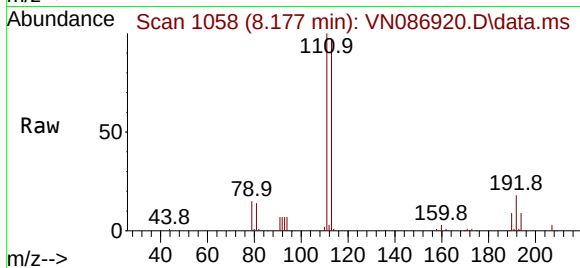
Tgt Ion:113 Resp: 187512

Ion Ratio Lower Upper

113 100

111 102.2 84.2 126.2

192 18.2 14.2 21.4



#36

1,1-Dichloropropene

Concen: 4.667 ug/l

RT: 8.230 min Scan# 1067

Delta R.T. -0.147 min

Lab File: VN086920.D

Acq: 10 Jun 2025 12:08

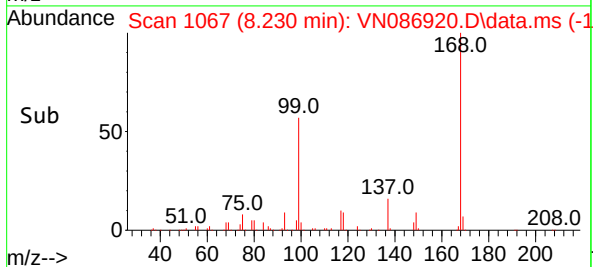
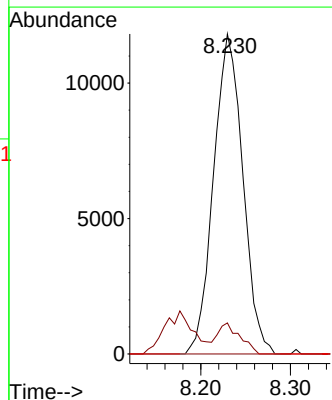
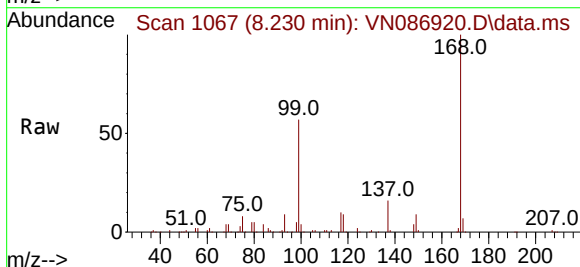
Tgt Ion: 75 Resp: 26731

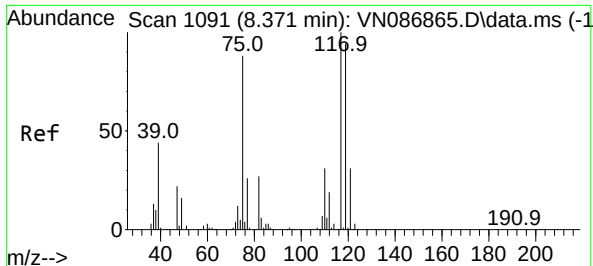
Ion Ratio Lower Upper

75 100

110 7.3 17.6 52.9#

77 0.0 25.3 37.9#

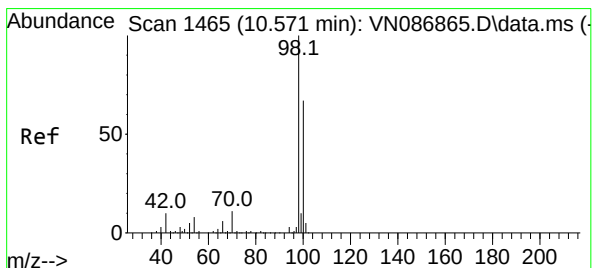
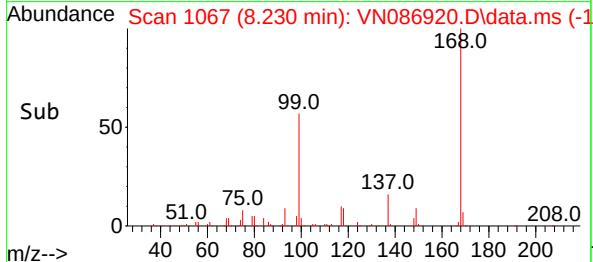
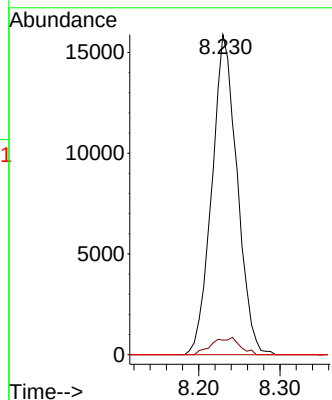
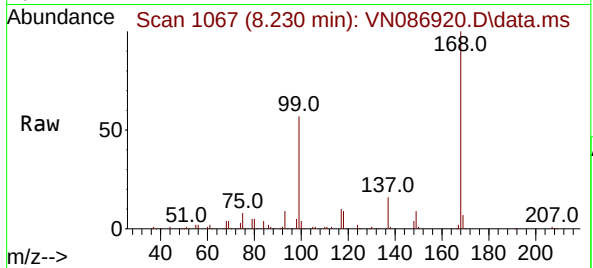




#38
Carbon Tetrachloride
Concen: 6.112 ug/l
RT: 8.230 min Scan# 1091
Delta R.T. -0.141 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

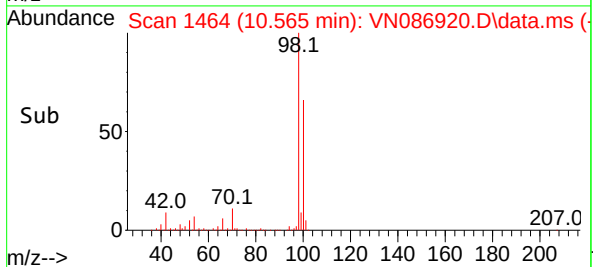
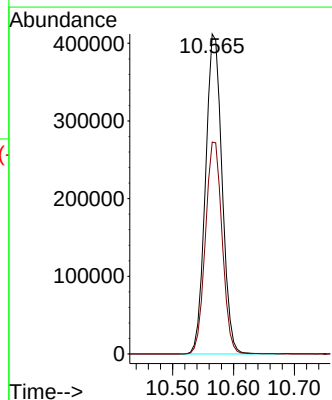
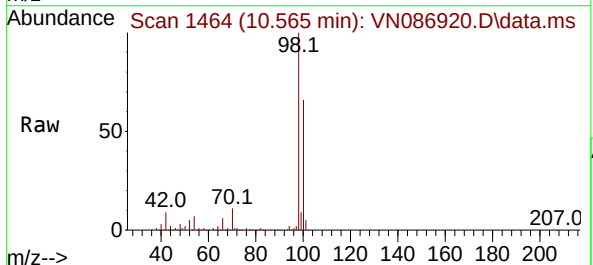
Instrument :
MSVOA_N
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TB-01-060525

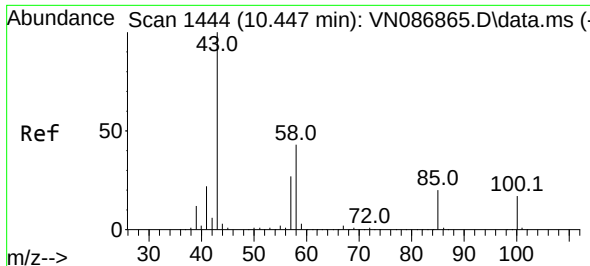
Tgt Ion:117 Resp: 34364
Ion Ratio Lower Upper
117 100
119 4.6 75.0 112.6#
121 0.0 24.9 37.3#



#50
Toluene-d8
Concen: 51.112 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Tgt Ion: 98 Resp: 777698
Ion Ratio Lower Upper
98 100
100 66.9 53.4 80.0

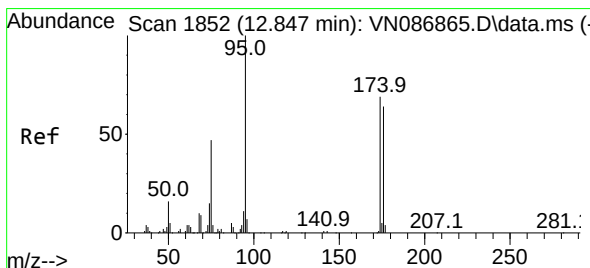
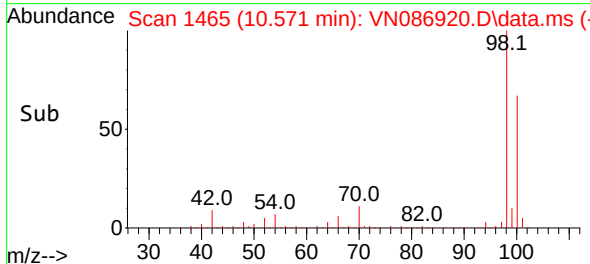
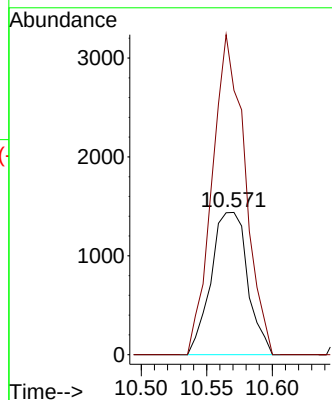
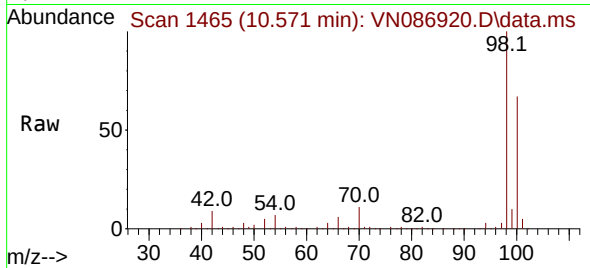




#51
4-Methyl-2-Pentanone
Concen: 0.395 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

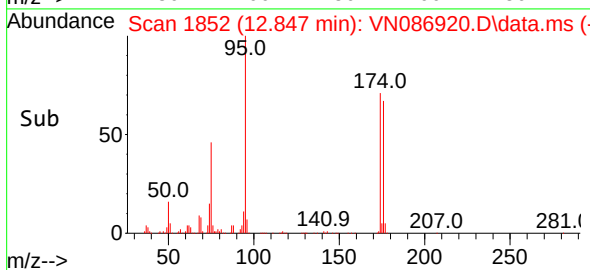
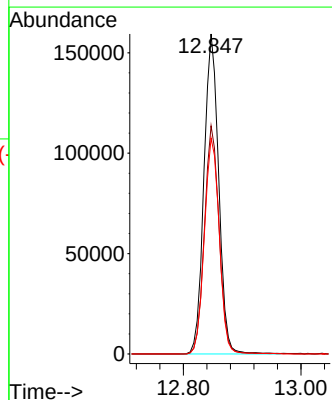
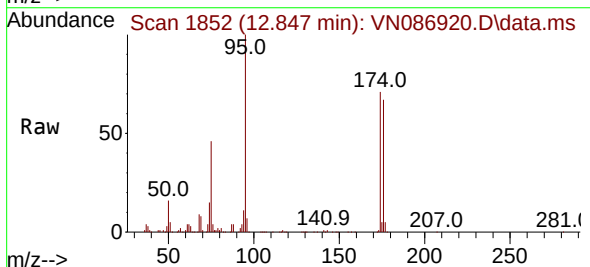
Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525

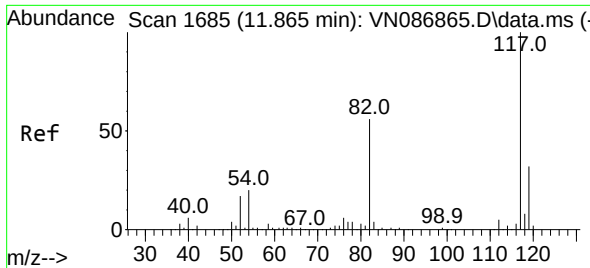
Tgt Ion: 43 Resp: 2786
Ion Ratio Lower Upper
43 100
58 201.8 34.2 51.4#



#62
4-Bromofluorobenzene
Concen: 49.082 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Tgt Ion: 95 Resp: 277459
Ion Ratio Lower Upper
95 100
174 70.9 0.0 141.8
176 67.9 0.0 132.6

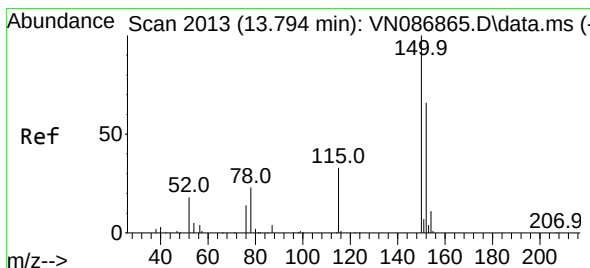
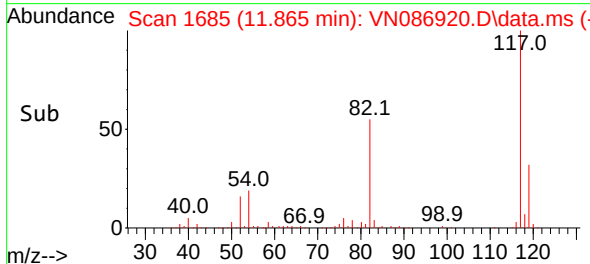
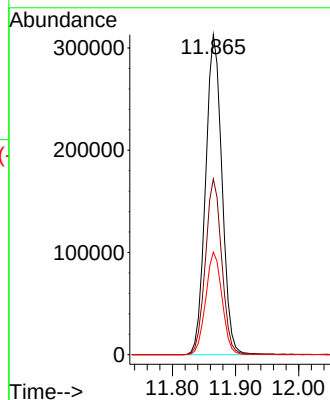
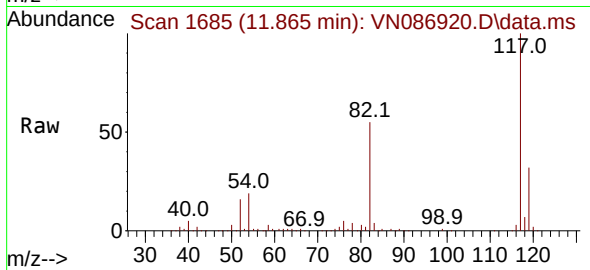




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

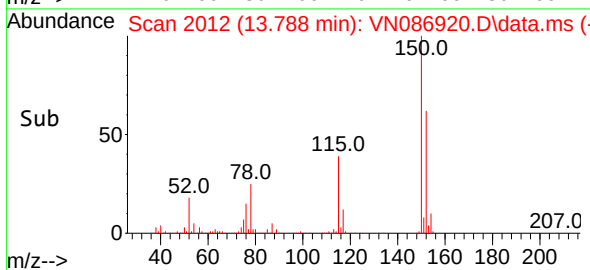
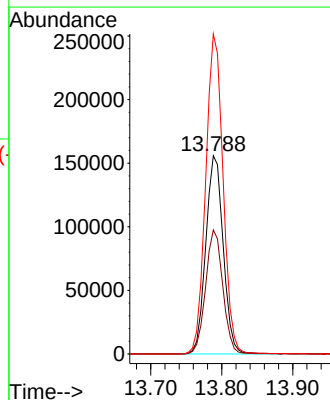
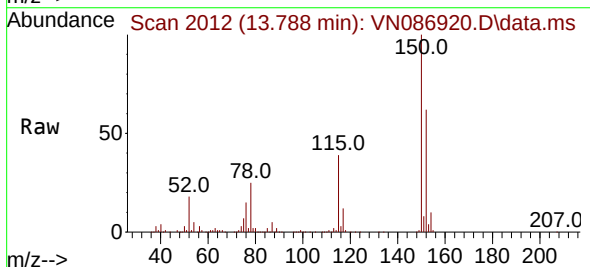
Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525

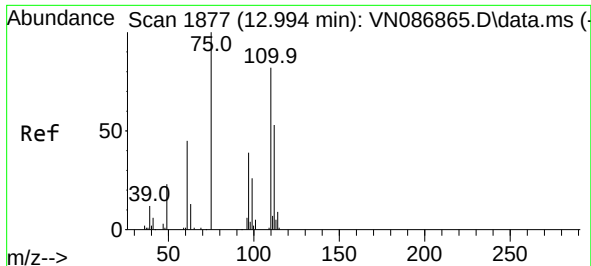
Tgt Ion:117 Resp: 563762
Ion Ratio Lower Upper
117 100
82 54.9 44.6 67.0
119 32.1 25.5 38.3



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Tgt Ion:152 Resp: 266280
Ion Ratio Lower Upper
152 100
115 61.7 30.1 90.5
150 160.6 0.0 345.0

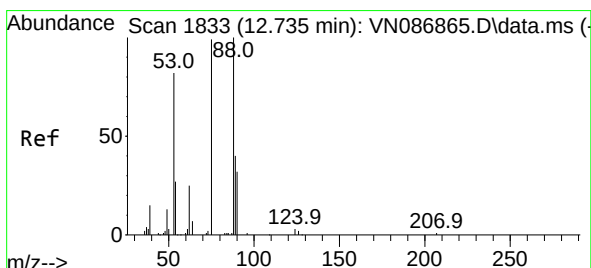
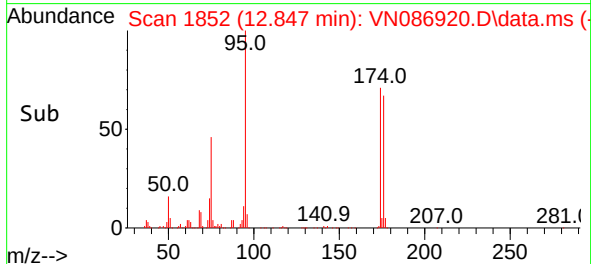
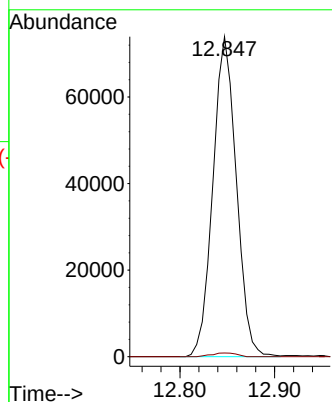
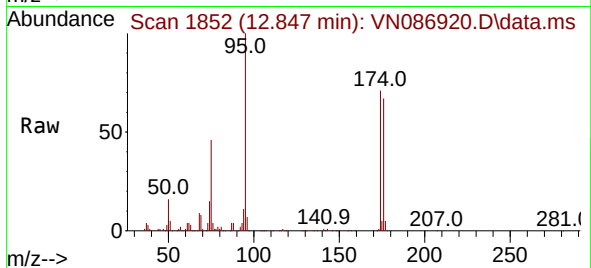




#76
1,2,3-Trichloropropane
Concen: 20.095 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.147 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

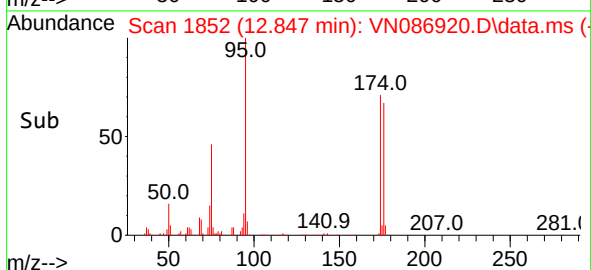
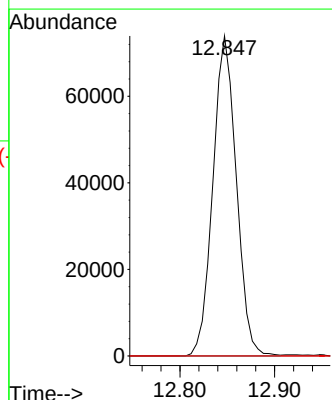
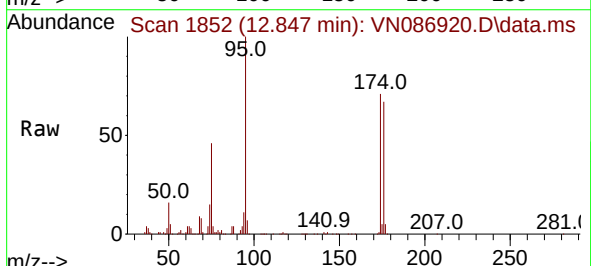
Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525

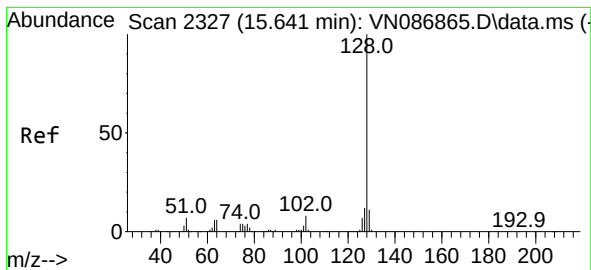
Tgt Ion: 75 Resp: 127190
Ion Ratio Lower Upper
75 100
77 1.2 79.3 237.9#



#81
trans-1,4-Dichloro-2-butene
Concen: 46.257 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

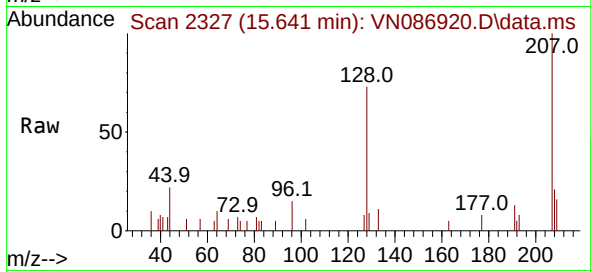
Tgt Ion: 75 Resp: 127190
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.0 36.7 55.1#





#95
Naphthalene
Concen: 0.244 ug/l
RT: 15.641 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN086920.D
Acq: 10 Jun 2025 12:08

Instrument :
MSVOA_N
ClientSampleId :
TB-01-060525



Tgt Ion:128 Resp: 4878
Ion Ratio Lower Upper
128 100
127 8.9 10.2 15.2#
129 10.2 8.8 13.2

