

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN070825\
 Data File : VN087297.D
 Acq On : 08 Jul 2025 14:18
 Operator : JC\MD
 Sample : VN0708WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

Quant Time: Jul 09 01:31:36 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N063025W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 01 03:15:00 2025
 Response via : Initial Calibration

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

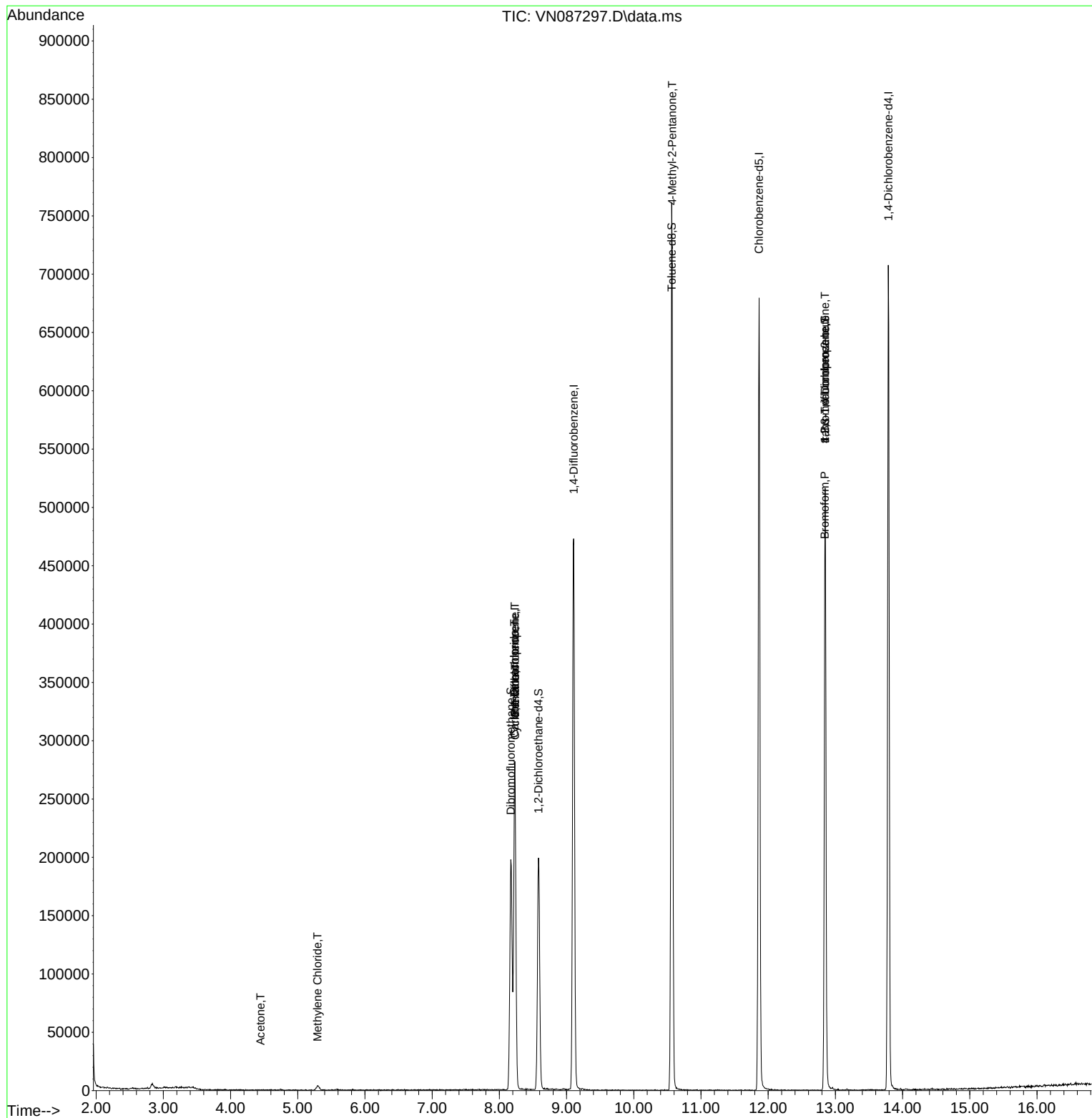
Internal Standards						
1) Pentafluorobenzene	8.230	168	221705	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	437505	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	414800	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	206163	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	167125	60.062	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.120%			
35) Dibromofluoromethane	8.171	113	148615	53.051	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 106.100%			
50) Toluene-d8	10.565	98	541324	49.575	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 99.160%			
62) 4-Bromofluorobenzene	12.847	95	182504	46.975	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 93.940%			
Target Compounds						
					Qvalue	
16) Acetone	4.448	43	284	0.267	ug/l #	41
20) Methylene Chloride	5.295	84	3107	1.318	ug/l	89
31) Cyclohexane	8.236	56	4315	1.139	ug/l #	1
36) 1,1-Dichloropropene	8.230	75	15678	4.115	ug/l #	42
38) Carbon Tetrachloride	8.224	117	22661	5.250	ug/l #	15
51) 4-Methyl-2-Pentanone	10.571	43	1847	0.475	ug/l #	1
71) Bromoform	12.841	173	1047	0.422	ug/l #	1
76) 1,2,3-Trichloropropane	12.847	75	89203	22.748	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.847	75	89203	53.432	ug/l #	14

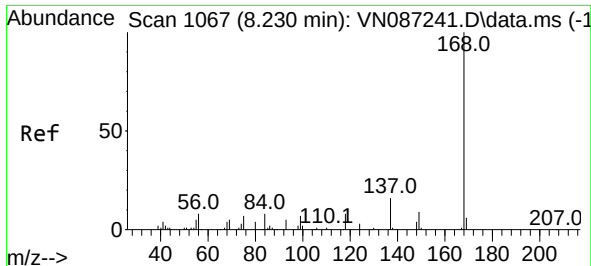
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration

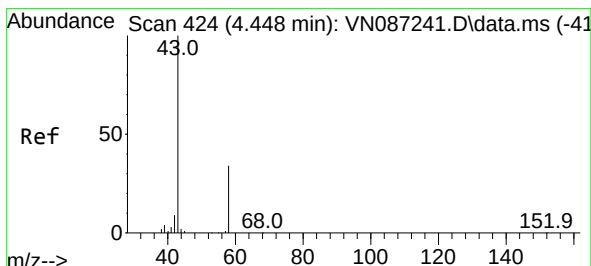
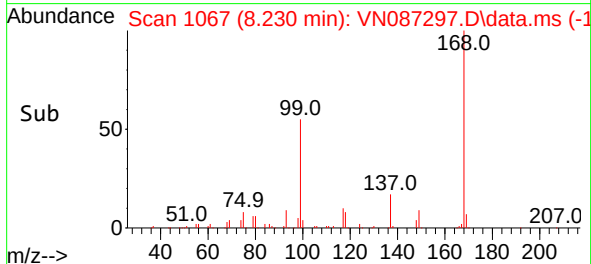
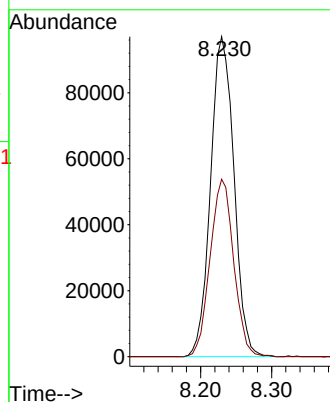
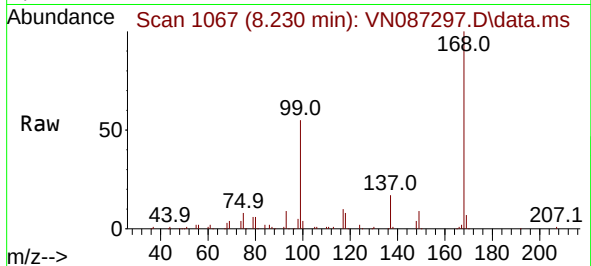




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

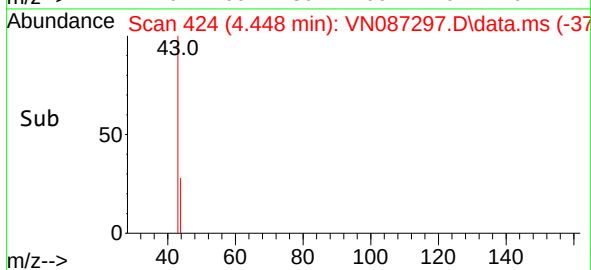
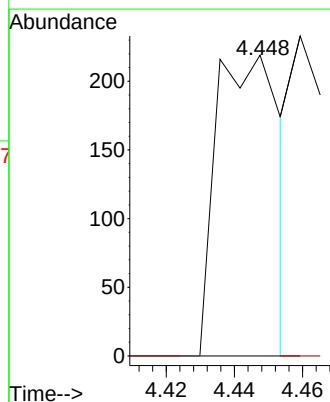
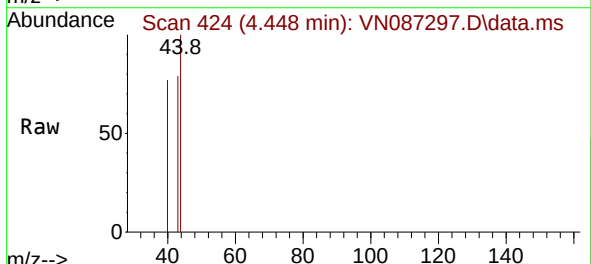
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

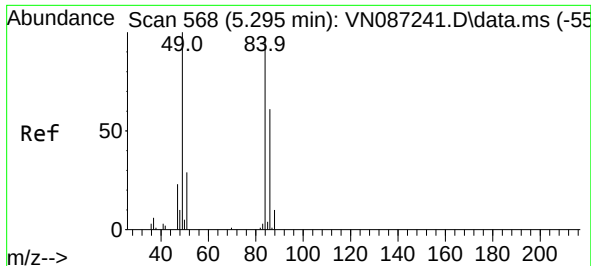
Tgt Ion:168 Resp: 221705
Ion Ratio Lower Upper
168 100
99 55.4 42.6 64.0



#16
Acetone
Concen: 0.267 ug/l
RT: 4.448 min Scan# 424
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion: 43 Resp: 284
Ion Ratio Lower Upper
43 100
58 0.0 27.1 40.7#

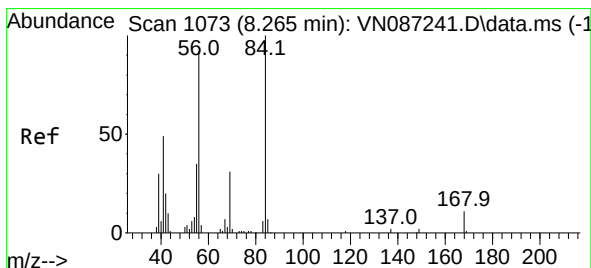
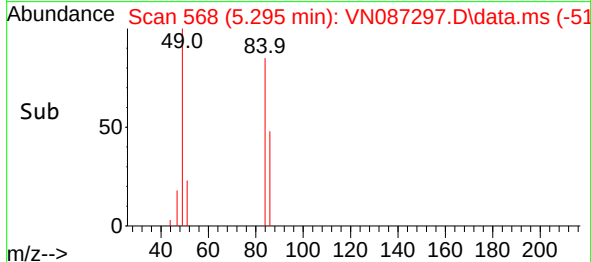
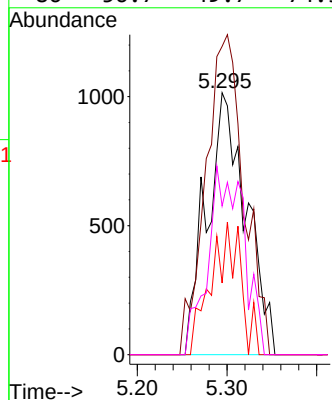
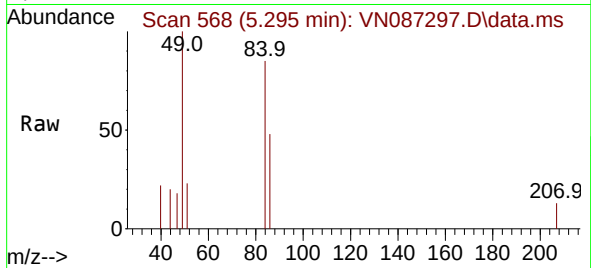




#20
Methylene Chloride
Concen: 1.318 ug/l
RT: 5.295 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

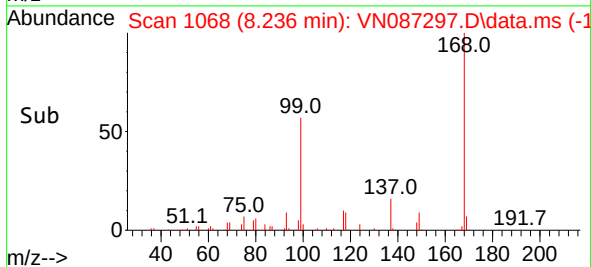
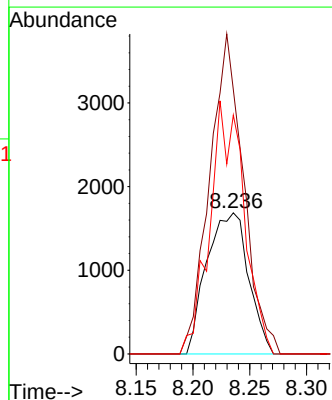
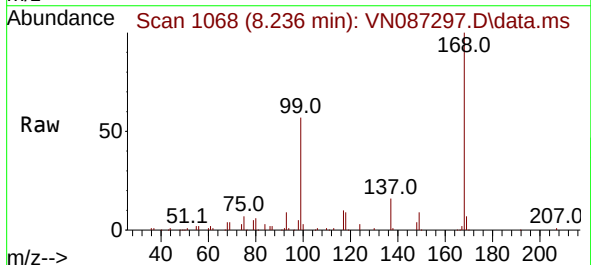
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

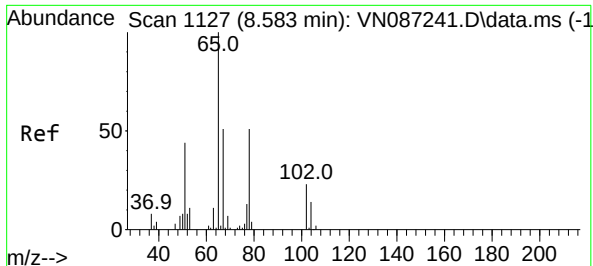
Tgt Ion:	84	Resp:	3107
Ion	Ratio	Lower	Upper
84	100		
49	117.7	82.1	123.1
51	27.4	23.5	35.3
86	56.7	49.7	74.5



#31
Cyclohexane
Concen: 1.139 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.029 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion:	56	Resp:	4315
Ion	Ratio	Lower	Upper
56	100		
69	187.4	27.0	40.6#
84	169.3	86.2	129.4#





#33

1,2-Dichloroethane-d4

Concen: 60.062 ug/l

RT: 8.583 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VN087297.D

Acq: 08 Jul 2025 14:18

Instrument :

MSVOA_N

ClientSampleId :

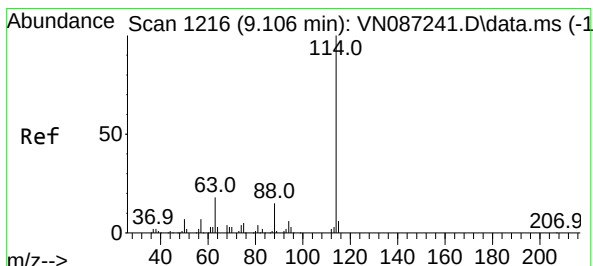
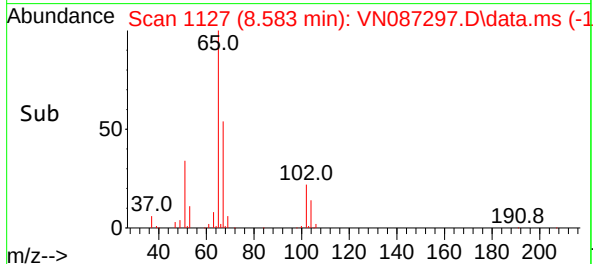
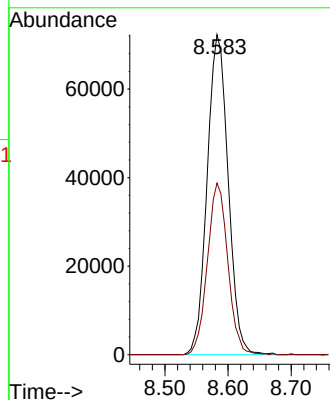
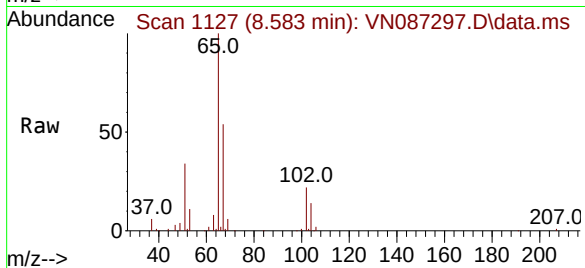
VN0708WBL01

Tgt Ion: 65 Resp: 167125

Ion Ratio Lower Upper

65 100

67 52.2 0.0 102.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN087297.D

Acq: 08 Jul 2025 14:18

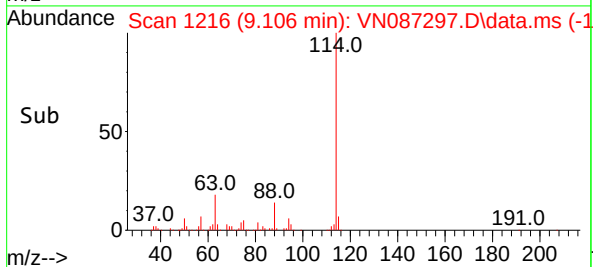
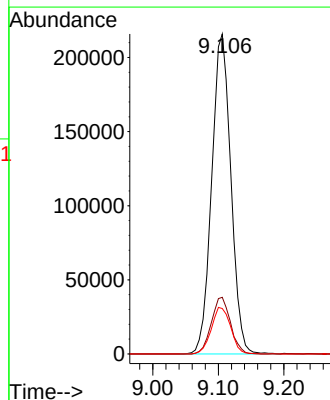
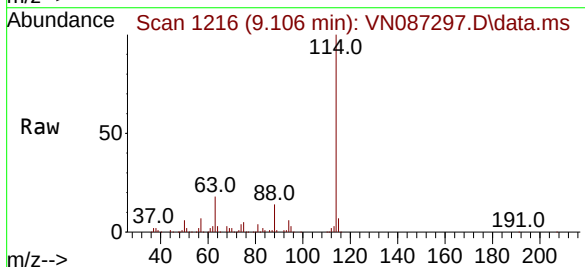
Tgt Ion: 114 Resp: 437505

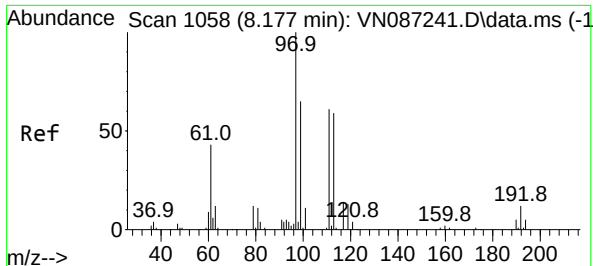
Ion Ratio Lower Upper

114 100

63 17.7 0.0 36.6

88 14.2 0.0 29.6

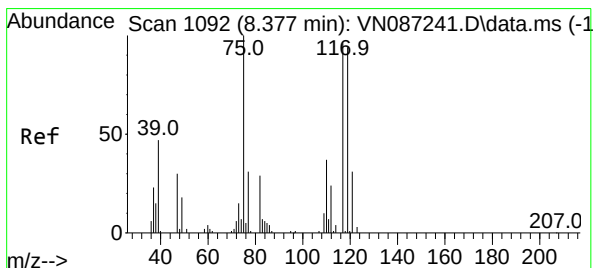
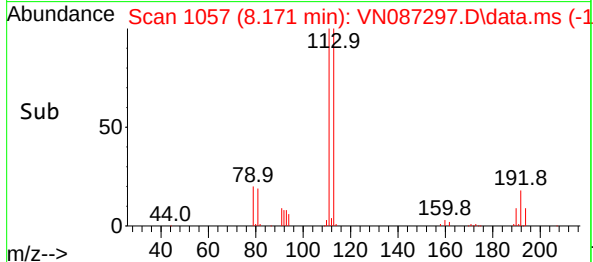
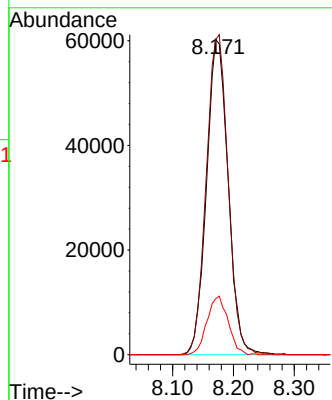
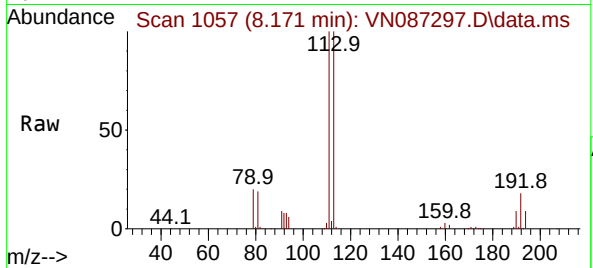




#35
Dibromofluoromethane
Concen: 53.051 ug/l
RT: 8.171 min Scan# 1057
Delta R.T. -0.006 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

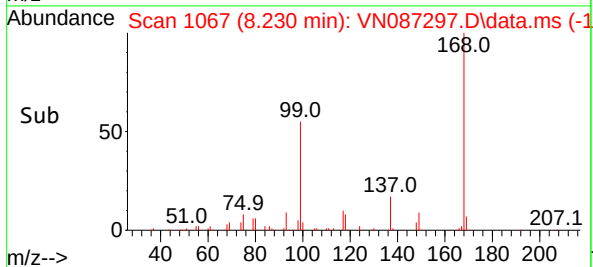
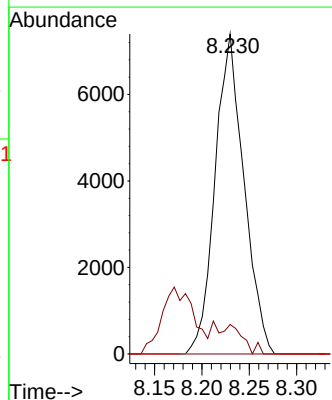
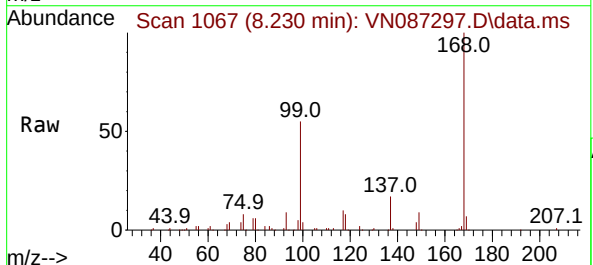
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

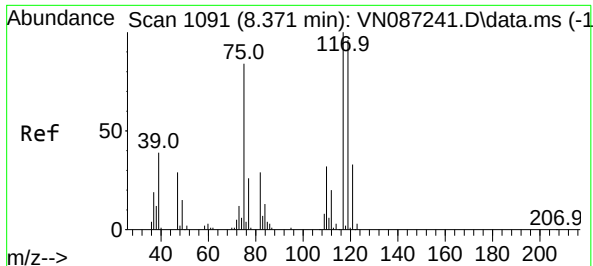
Tgt Ion:113 Resp: 148615
Ion Ratio Lower Upper
113 100
111 102.5 81.4 122.2
192 18.2 15.1 22.7



#36
1,1-Dichloropropene
Concen: 4.115 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.147 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion: 75 Resp: 15678
Ion Ratio Lower Upper
75 100
110 1.6 18.7 56.1#
77 0.0 24.5 36.7#

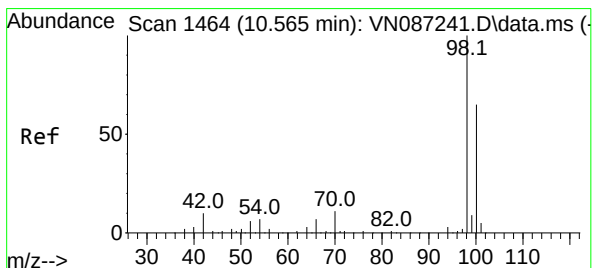
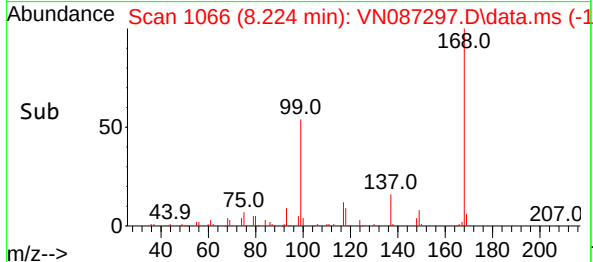
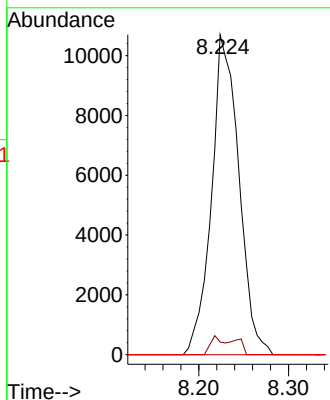
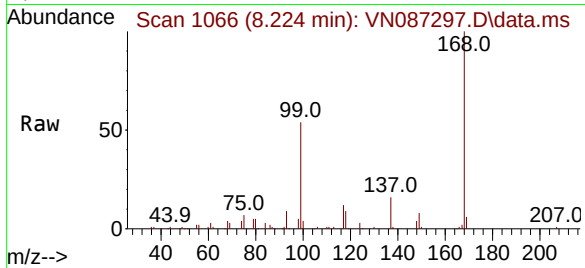




#38
Carbon Tetrachloride
Concen: 5.250 ug/l
RT: 8.224 min Scan# 1066
Delta R.T. -0.147 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

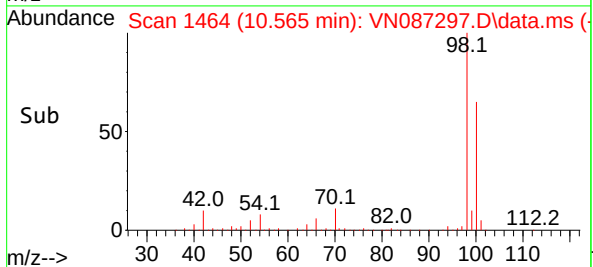
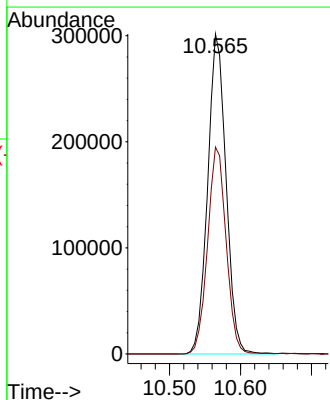
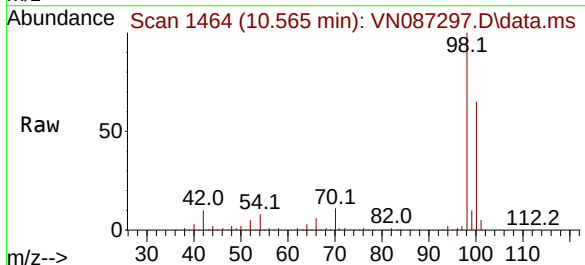
Instrument :
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VN0708WBL01

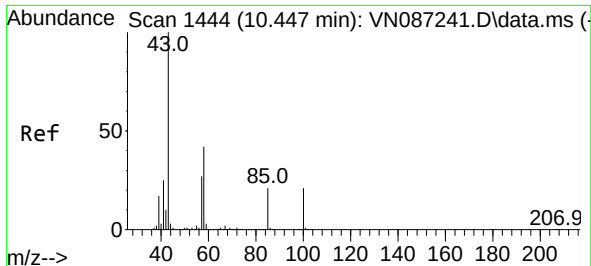
Tgt Ion:117 Resp: 22661
Ion Ratio Lower Upper
117 100
119 4.0 77.2 115.8#
121 0.0 26.6 39.8#



#50
Toluene-d8
Concen: 49.575 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion: 98 Resp: 541324
Ion Ratio Lower Upper
98 100
100 65.4 52.1 78.1

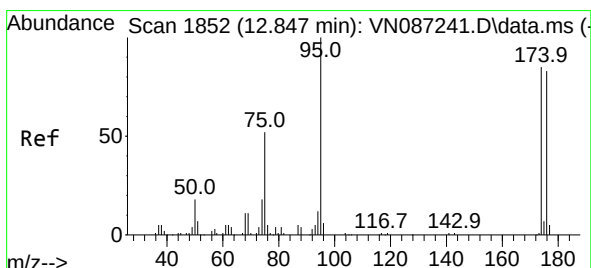
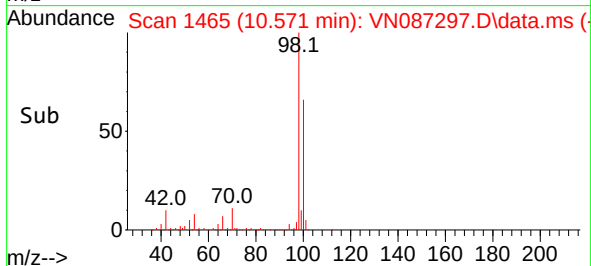
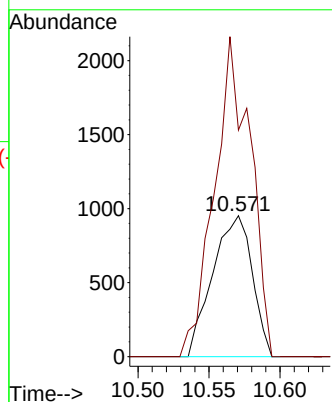
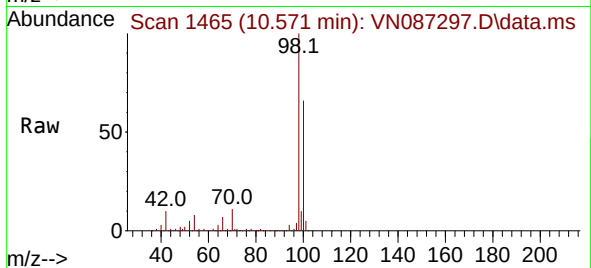




#51
4-Methyl-2-Pentanone
Concen: 0.475 ug/l
RT: 10.571 min Scan# 1444
Delta R.T. 0.123 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

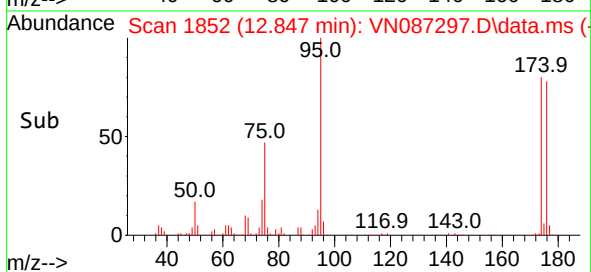
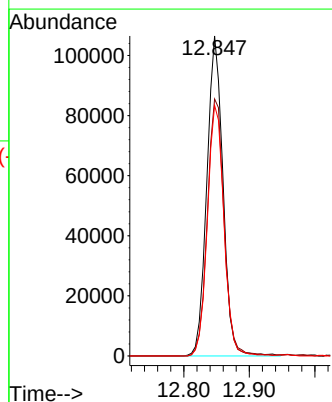
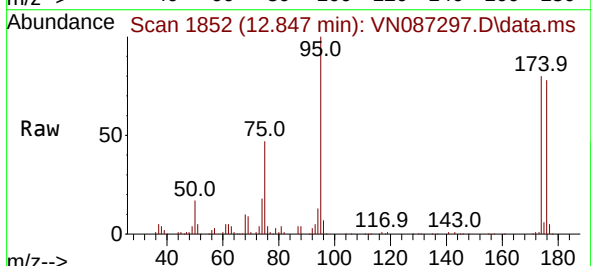
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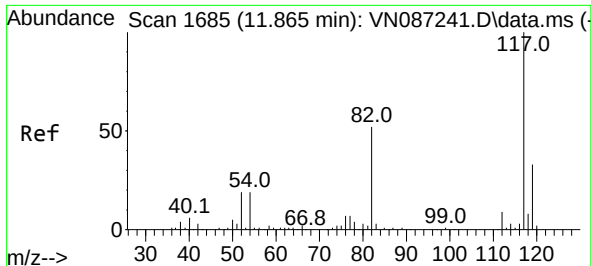
Tgt Ion: 43 Resp: 1847
Ion Ratio Lower Upper
43 100
58 206.7 34.2 51.2#



#62
4-Bromofluorobenzene
Concen: 46.975 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion: 95 Resp: 182504
Ion Ratio Lower Upper
95 100
174 83.4 0.0 169.6
176 80.2 0.0 161.6

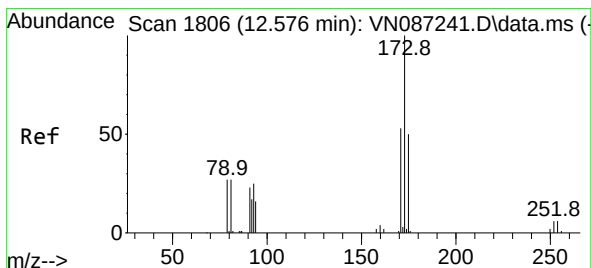
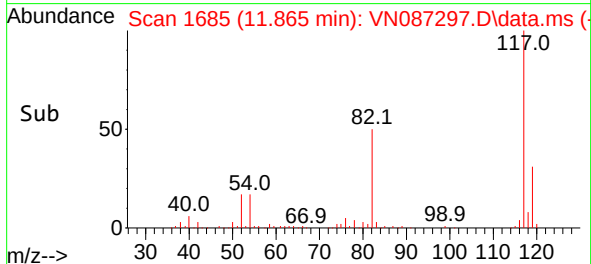
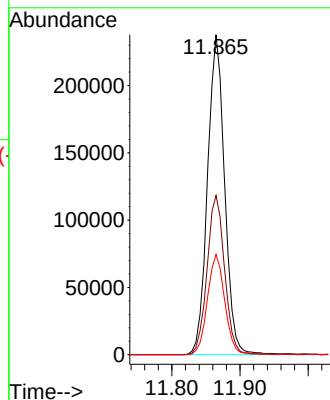
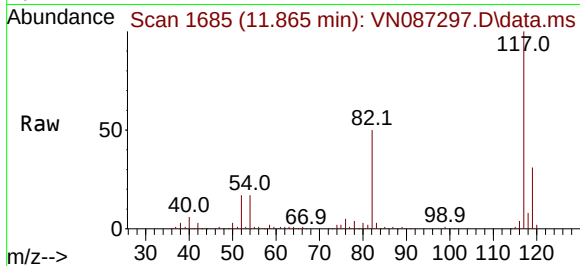




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

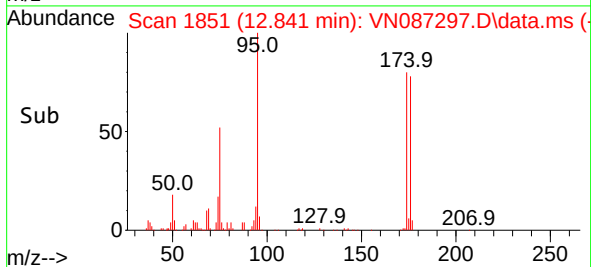
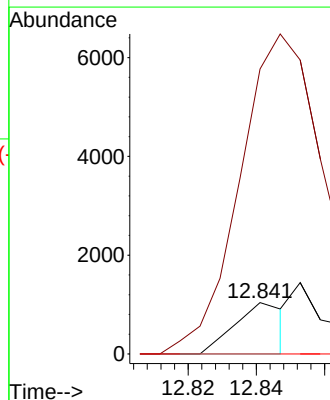
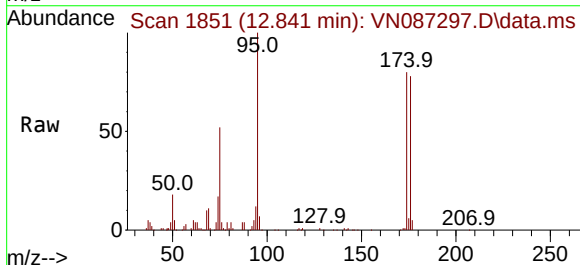
Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01

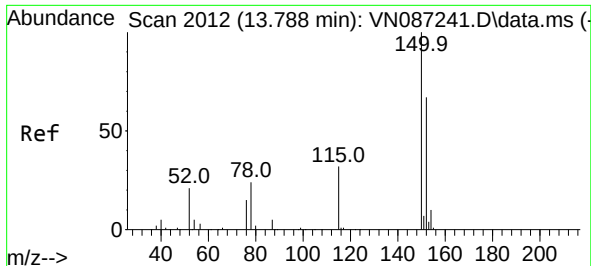
Tgt Ion:117 Resp: 414800
Ion Ratio Lower Upper
117 100
82 49.7 41.9 62.9
119 31.4 26.2 39.4



#71
Bromoform
Concen: 0.422 ug/l
RT: 12.841 min Scan# 1851
Delta R.T. 0.265 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Tgt Ion:173 Resp: 1047
Ion Ratio Lower Upper
173 100
175 812.9 24.6 73.6#
254 0.0 0.0 0.0

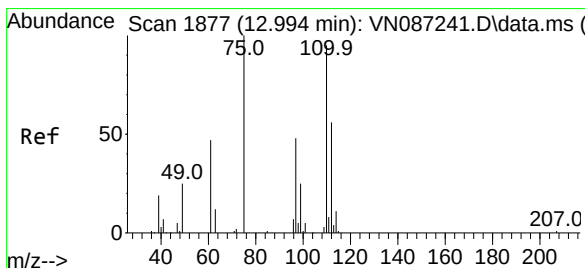
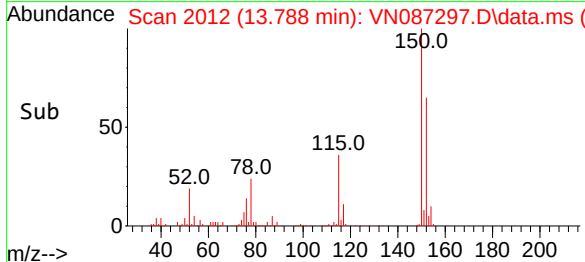
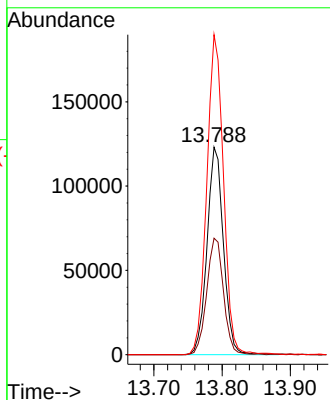
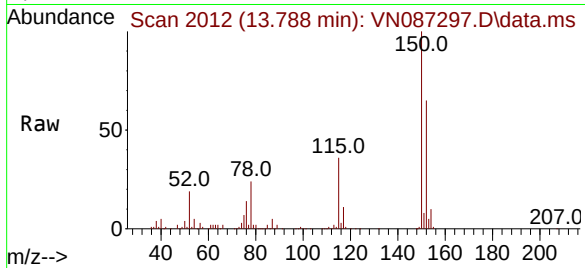




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.788 min Scan# 2012
 Delta R.T. -0.000 min
 Lab File: VN087297.D
 Acq: 08 Jul 2025 14:18

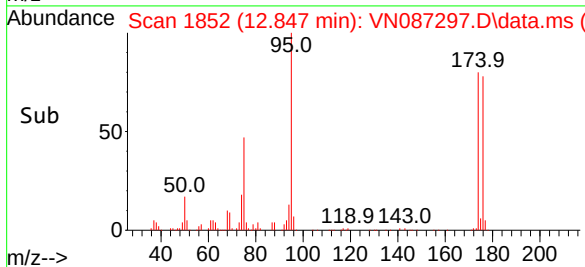
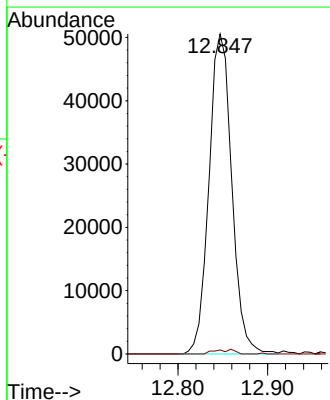
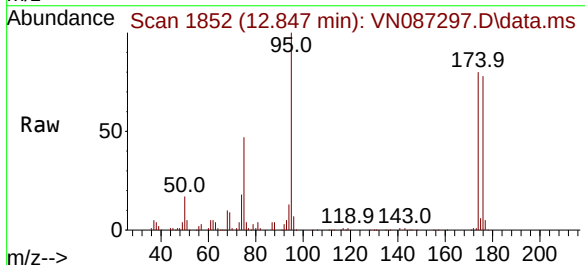
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0708WBL01

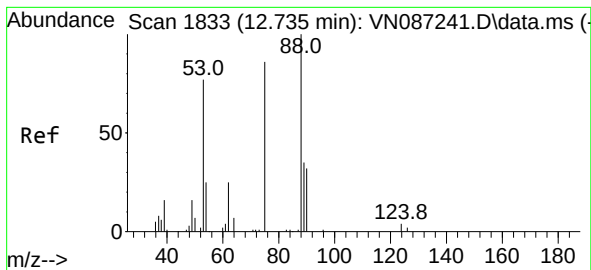
Tgt Ion:152 Resp: 206163
 Ion Ratio Lower Upper
 152 100
 115 57.5 28.3 84.9
 150 156.9 0.0 344.6



#76
 1,2,3-Trichloropropane
 Concen: 22.748 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. -0.147 min
 Lab File: VN087297.D
 Acq: 08 Jul 2025 14:18

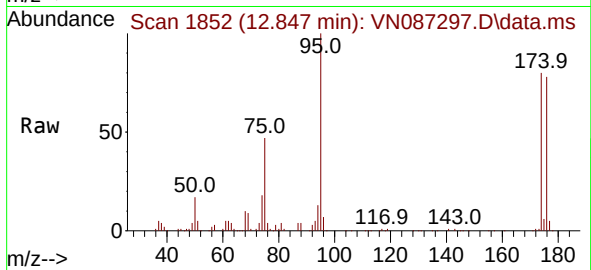
Tgt Ion: 75 Resp: 89203
 Ion Ratio Lower Upper
 75 100
 77 1.2 82.0 245.8#





#81
trans-1,4-Dichloro-2-butene
Concen: 53.432 ug/l
RT: 12.847 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087297.D
Acq: 08 Jul 2025 14:18

Instrument :
MSVOA_N
ClientSampleId :
VN0708WBL01



Tgt Ion: 75 Resp: 89203
Ion Ratio Lower Upper
75 100
53 0.0 70.6 105.8#
89 0.0 36.1 54.1#

