

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102425\
 Data File : VN088095.D
 Acq On : 24 Oct 2025 15:39
 Operator : JC\MD
 Sample : Q3373-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Quant Time: Oct 25 01:06:56 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

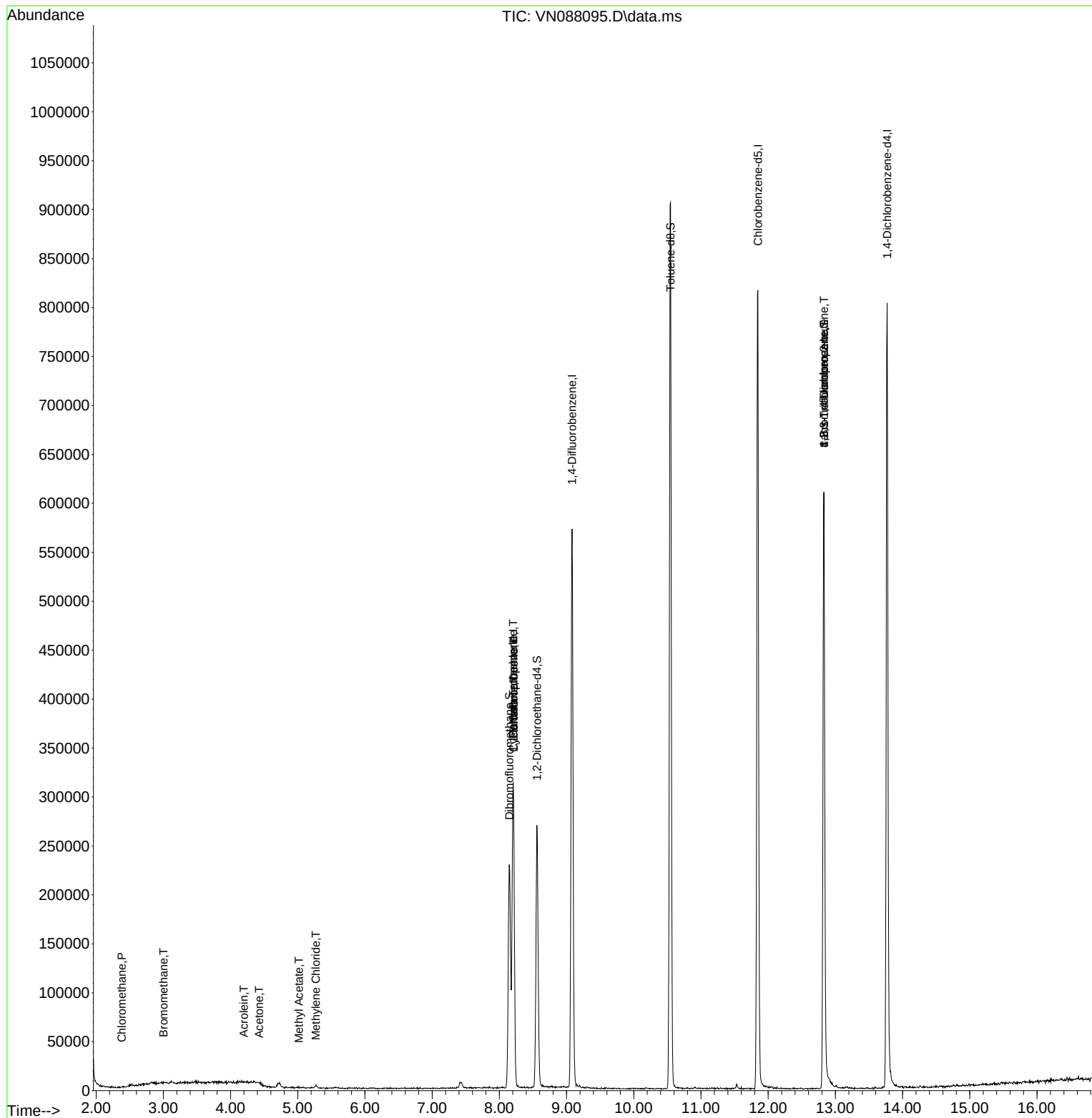
Internal Standards						
1) Pentafluorobenzene	8.206	168	214510	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	479905	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	453957	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	217438	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219158	59.083	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 118.160%	
35) Dibromofluoromethane	8.147	113	166962	51.787	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.580%	
50) Toluene-d8	10.547	98	615294	49.530	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.060%	
62) 4-Bromofluorobenzene	12.829	95	228168	52.007	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.020%	
Target Compounds						
					Qvalue	
3) Chloromethane	2.383	50	758	0.266	ug/l #	85
5) Bromomethane	3.000	94	598	0.322	ug/l #	71
13) Acrolein	4.200	56	259	0.360	ug/l #	1
16) Acetone	4.424	43	5566	2.987	ug/l	96
18) Methyl Acetate	5.018	43	815	0.214	ug/l #	54
20) Methylene Chloride	5.271	84	1824	1.392	ug/l #	59
31) Cyclohexane	8.212	56	6266	1.207	ug/l #	30
36) 1,1-Dichloropropene	8.212	75	20808	4.420	ug/l #	53
38) Carbon Tetrachloride	8.206	117	25613	5.268	ug/l #	15
76) 1,2,3-Trichloropropane	12.829	75	133410	26.836	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	133410	74.860	ug/l #	1

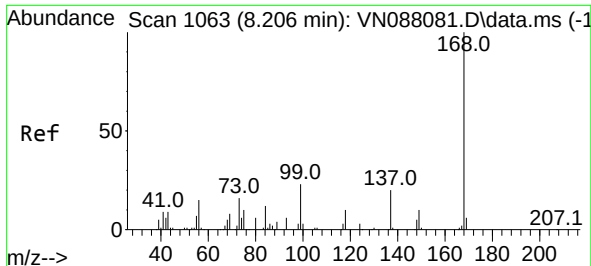
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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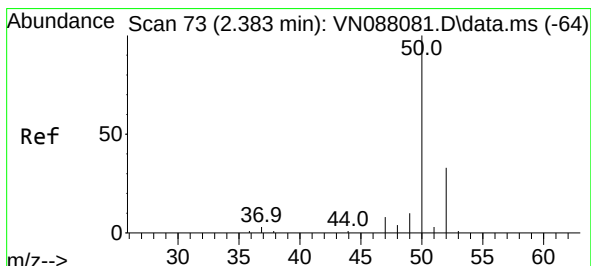
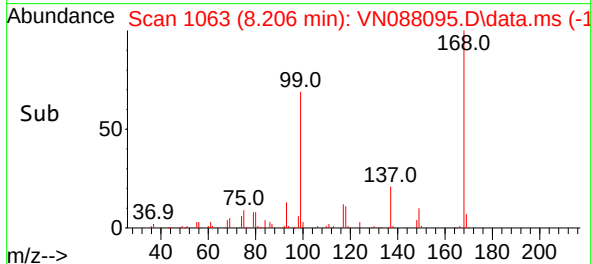
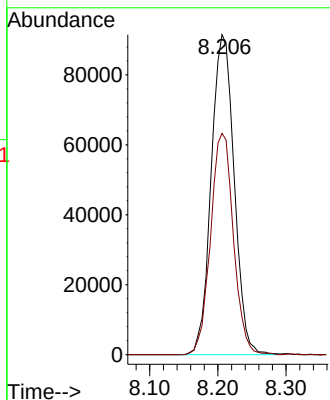
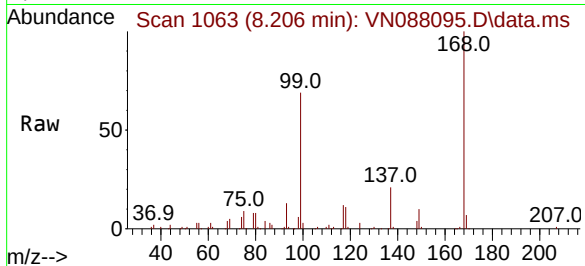




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

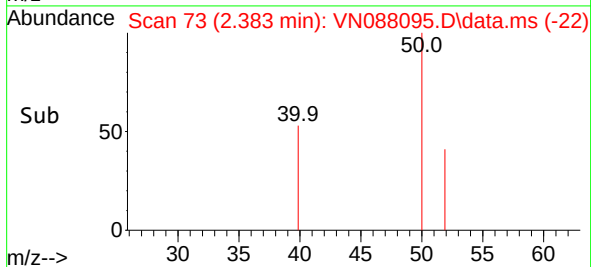
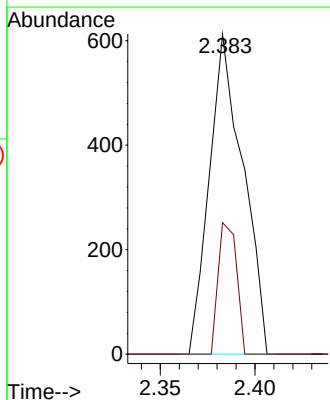
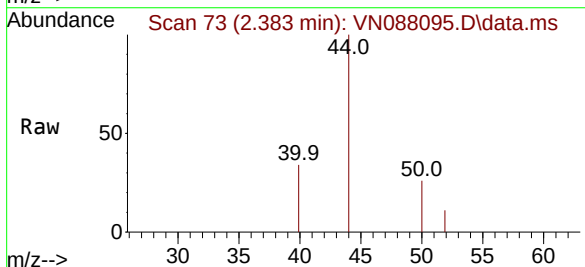
Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-SAMPLE-MANAGEMENT

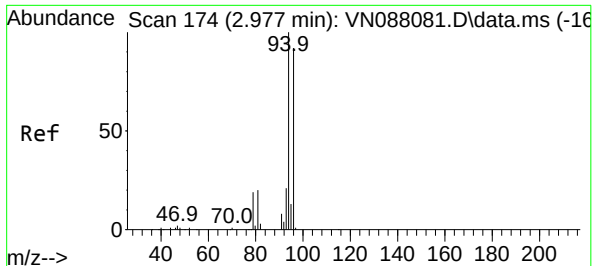
Tgt Ion:168 Resp: 214510
Ion Ratio Lower Upper
168 100
99 69.2 57.2 85.8



#3
Chloromethane
Concen: 0.266 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

Tgt Ion: 50 Resp: 758
Ion Ratio Lower Upper
50 100
52 41.1 26.2 39.4#

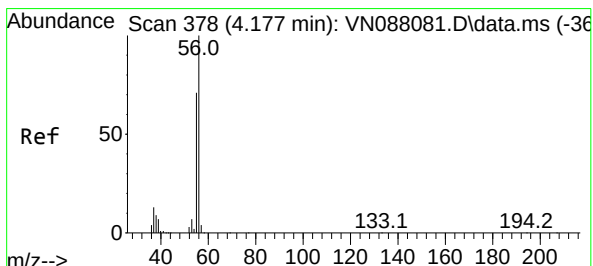
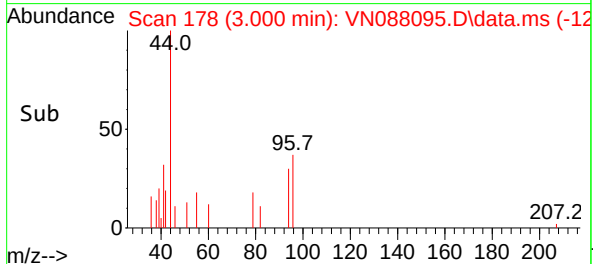
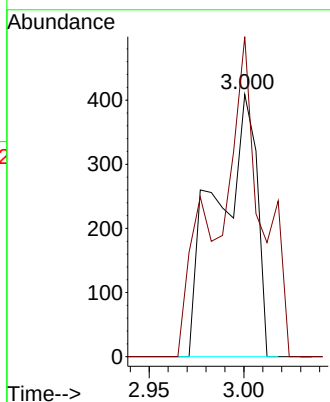
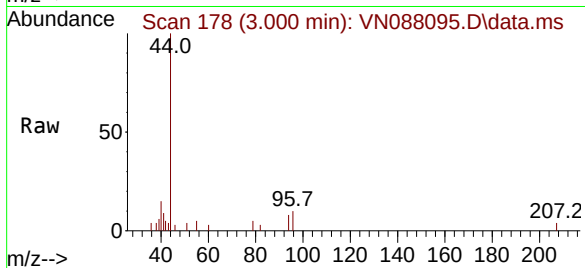




#5
Bromomethane
Concen: 0.322 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

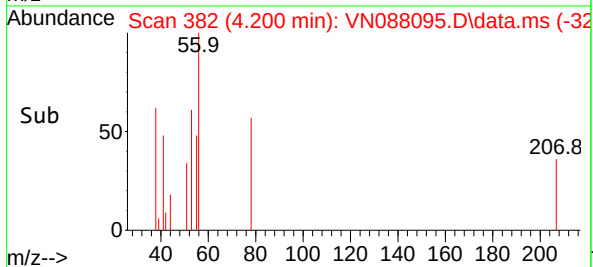
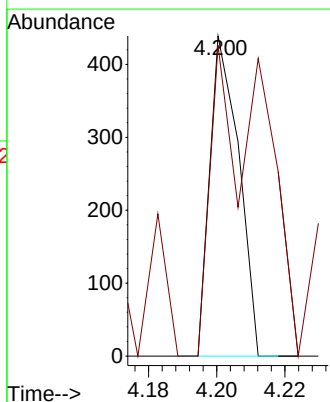
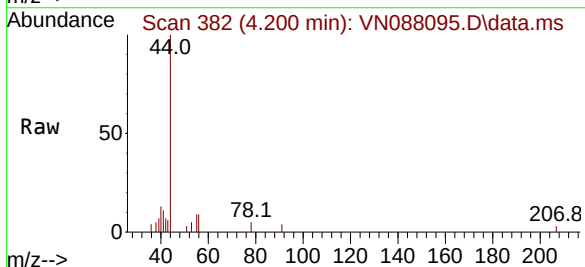
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

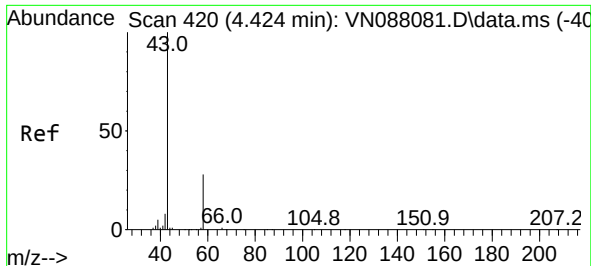
Tgt Ion: 94 Resp: 598
Ion Ratio Lower Upper
94 100
96 122.0 75.4 113.2#



#13
Acrolein
Concen: 0.360 ug/l
RT: 4.200 min Scan# 382
Delta R.T. 0.029 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

Tgt Ion: 56 Resp: 259
Ion Ratio Lower Upper
56 100
55 175.7 57.3 85.9#

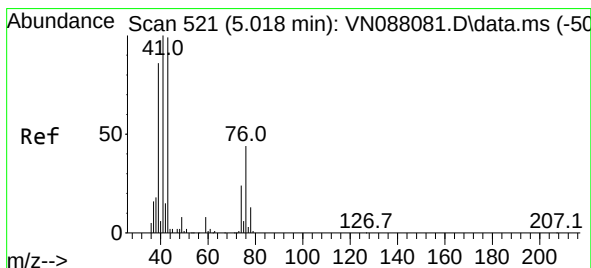
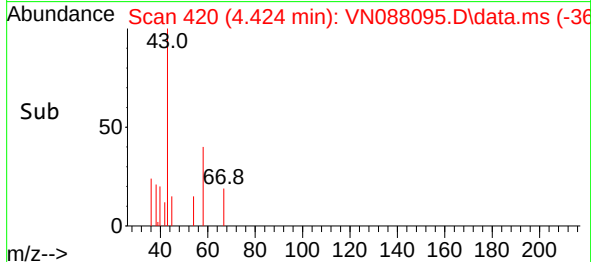
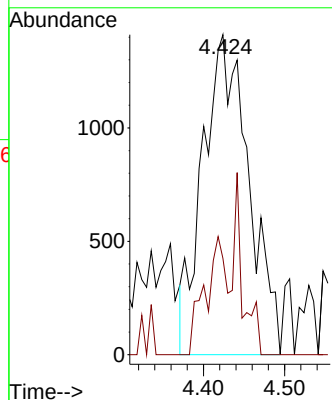
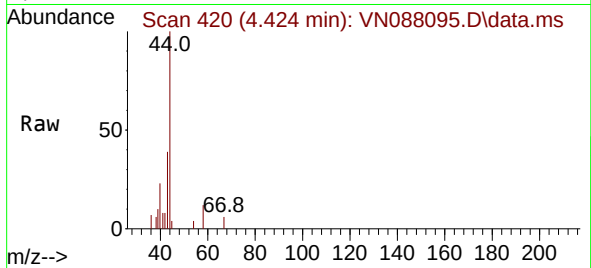




#16
Acetone
Concen: 2.987 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

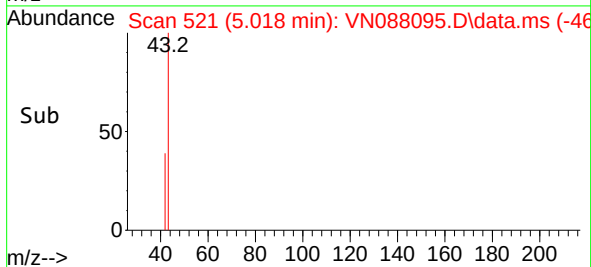
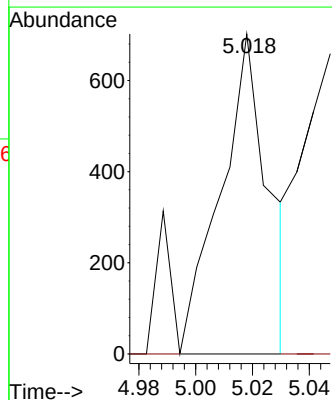
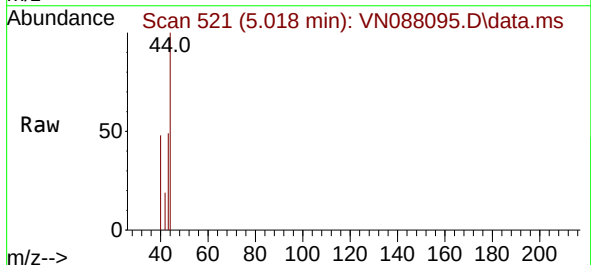
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

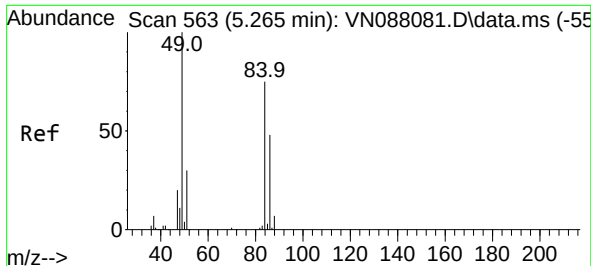
Tgt Ion: 43 Resp: 5566
Ion Ratio Lower Upper
43 100
58 30.1 22.6 33.8



#18
Methyl Acetate
Concen: 0.214 ug/l
RT: 5.018 min Scan# 521
Delta R.T. 0.006 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

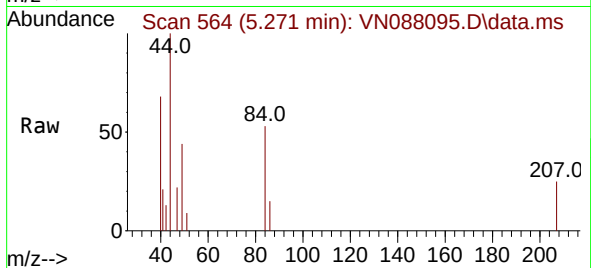
Tgt Ion: 43 Resp: 815
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



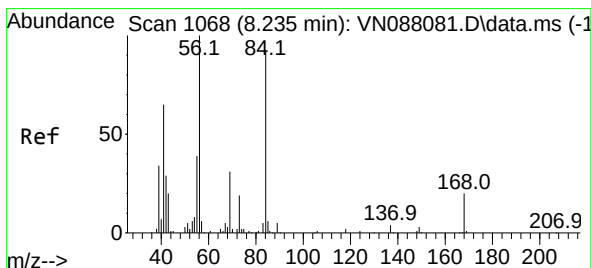
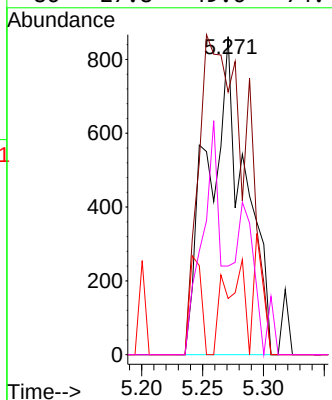
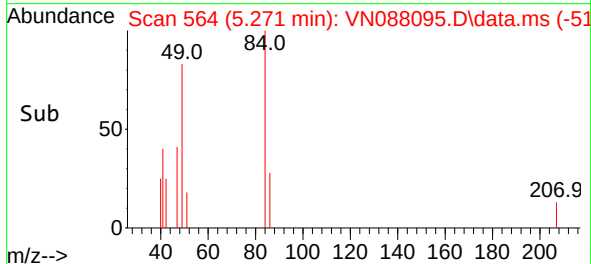


#20
Methylene Chloride
Concen: 1.392 ug/l
RT: 5.271 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

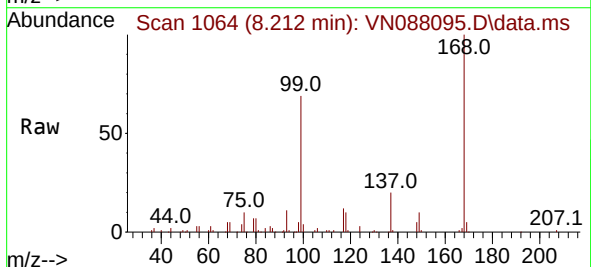
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT



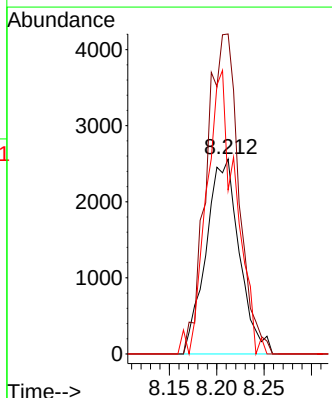
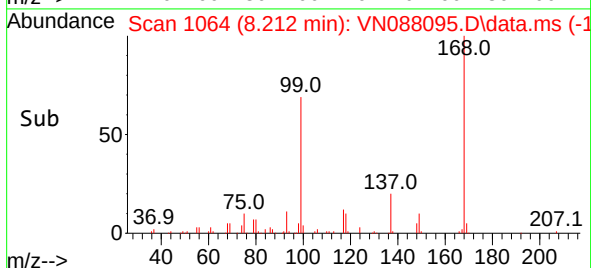
Tgt Ion:	84	Resp:	1824
Ion	Ratio	Lower	Upper
84	100		
49	82.6	103.4	155.2#
51	17.6	33.8	50.8#
86	27.8	49.6	74.4#

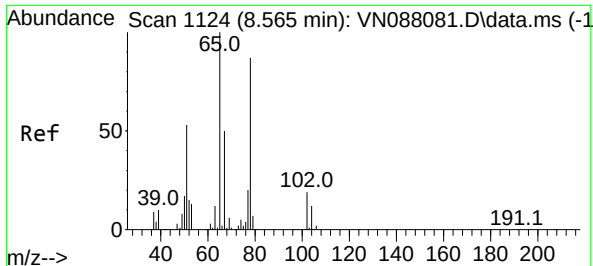


#31
Cyclohexane
Concen: 1.207 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39



Tgt Ion:	56	Resp:	6266
Ion	Ratio	Lower	Upper
56	100		
69	164.3	23.7	35.5#
84	84.1	64.7	97.1





#33

1,2-Dichloroethane-d4

Concen: 59.083 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088095.D

Acq: 24 Oct 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

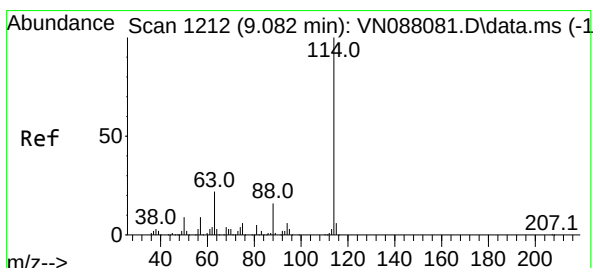
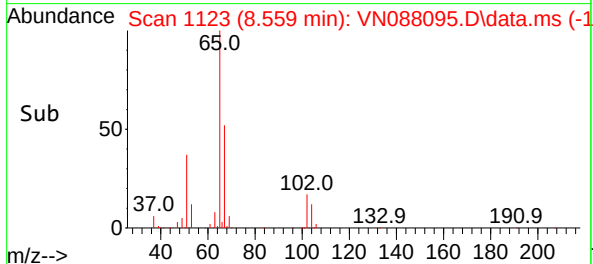
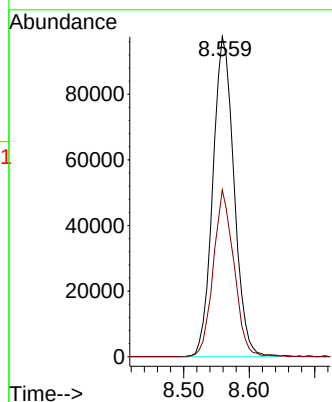
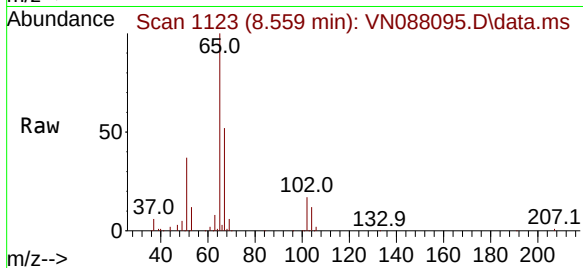
STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 65 Resp: 219158

Ion Ratio Lower Upper

65 100

67 50.8 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088095.D

Acq: 24 Oct 2025 15:39

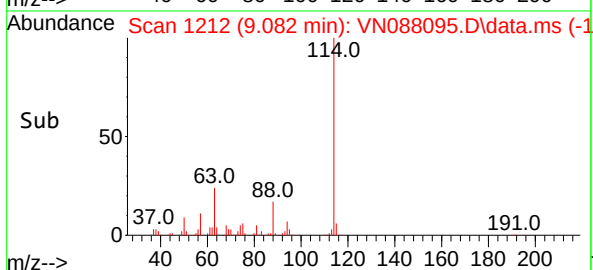
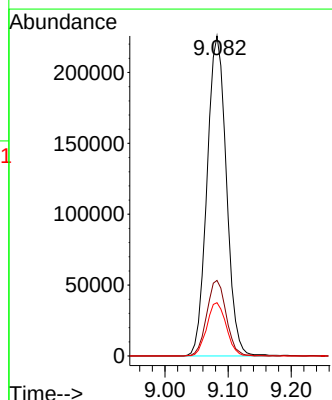
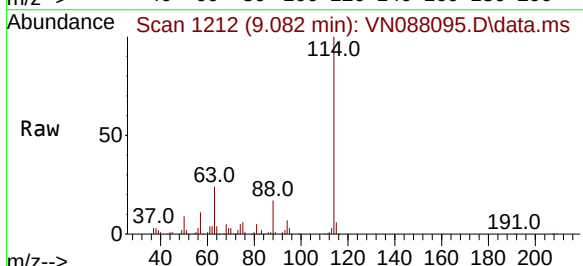
Tgt Ion: 114 Resp: 479905

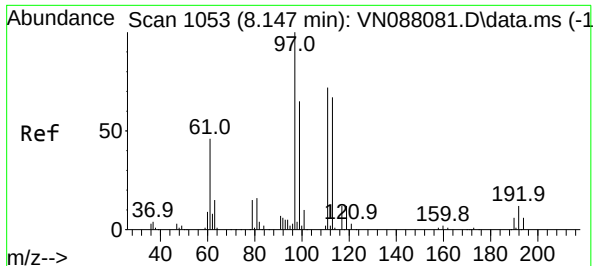
Ion Ratio Lower Upper

114 100

63 23.6 0.0 45.2

88 16.6 0.0 33.4

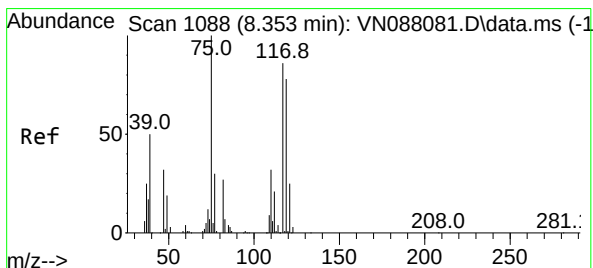
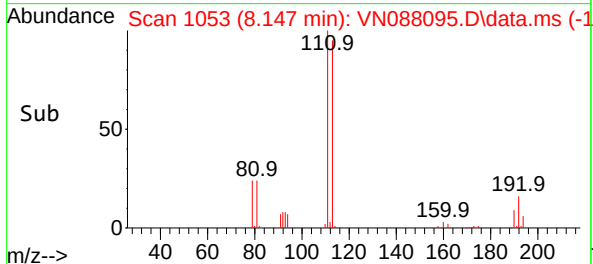
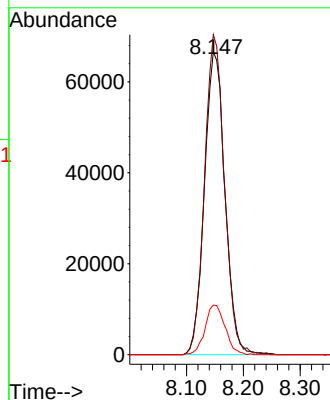
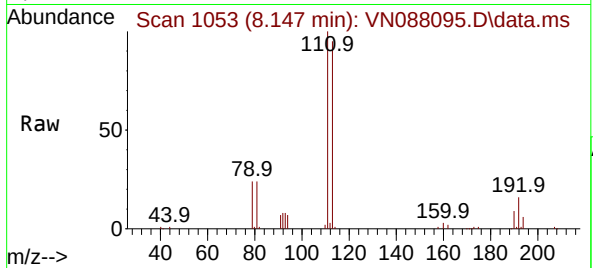




#35
Dibromofluoromethane
Concen: 51.787 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

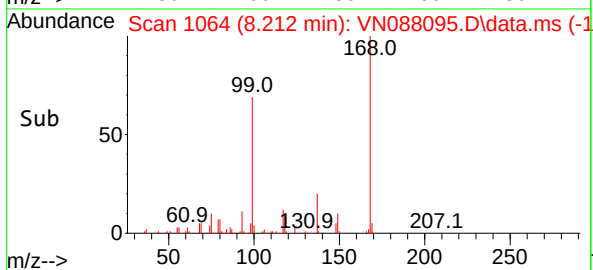
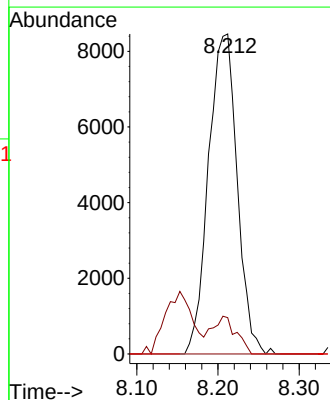
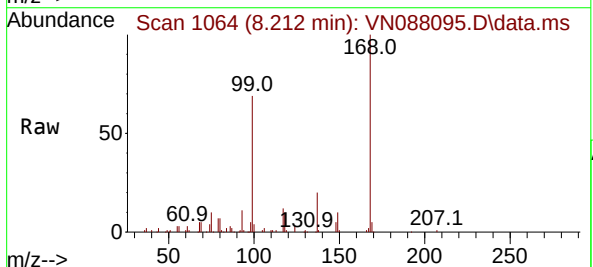
Instrument : MSVOA_N
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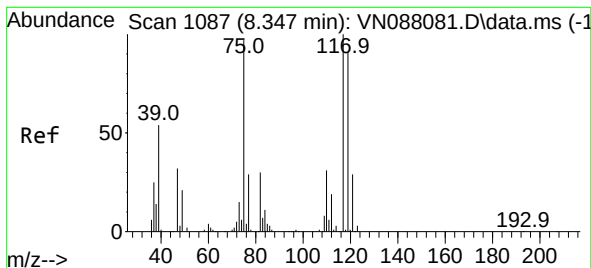
Tgt Ion:113 Resp: 166962
Ion Ratio Lower Upper
113 100
111 102.5 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.420 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.141 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

Tgt Ion: 75 Resp: 20808
Ion Ratio Lower Upper
75 100
110 9.8 15.9 47.6#
77 0.0 24.4 36.6#





#38

Carbon Tetrachloride

Concen: 5.268 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN088095.D

Acq: 24 Oct 2025 15:39

Instrument :

MSVOA_N

ClientSampleId :

STORAGE-BLANK-SAMPLE-MANAGEMENT

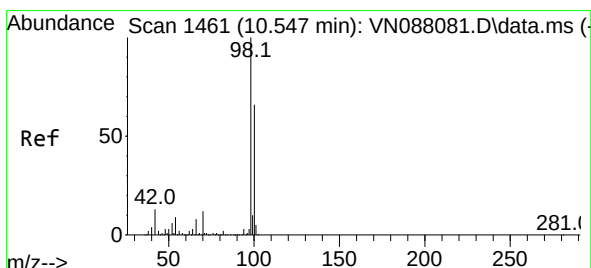
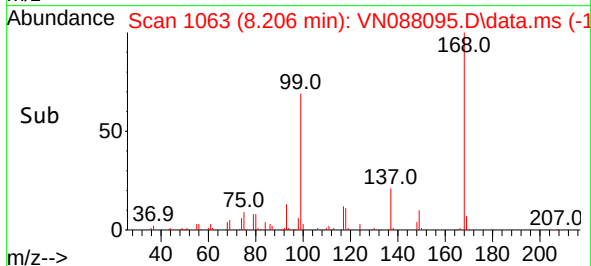
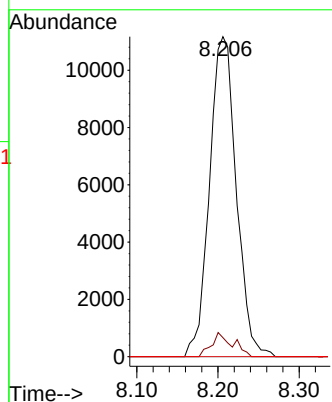
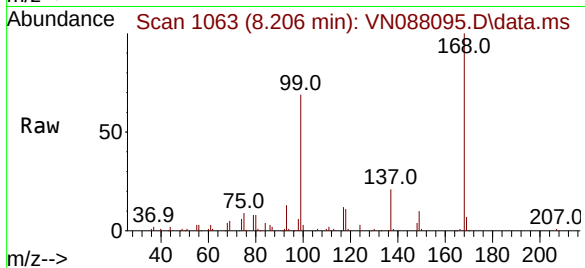
Tgt Ion:117 Resp: 25613

Ion Ratio Lower Upper

117 100

119 6.0 79.0 118.6#

121 0.0 25.0 37.6#



#50

Toluene-d8

Concen: 49.530 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088095.D

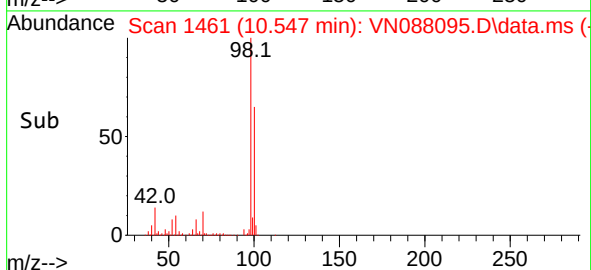
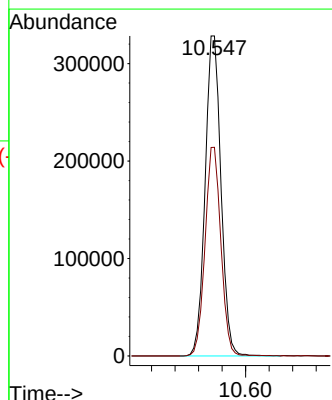
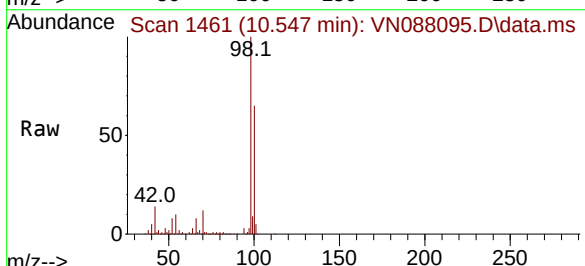
Acq: 24 Oct 2025 15:39

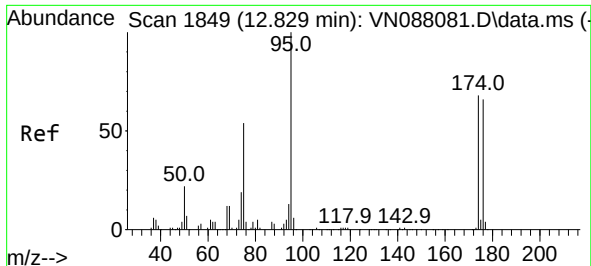
Tgt Ion: 98 Resp: 615294

Ion Ratio Lower Upper

98 100

100 65.2 52.8 79.2

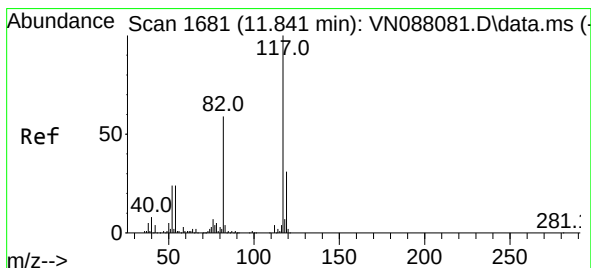
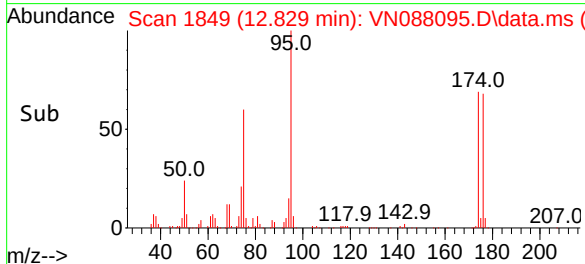
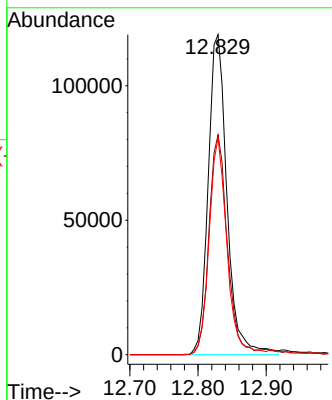
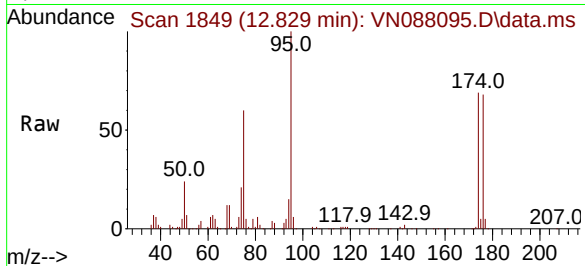




#62
4-Bromofluorobenzene
Concen: 52.007 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

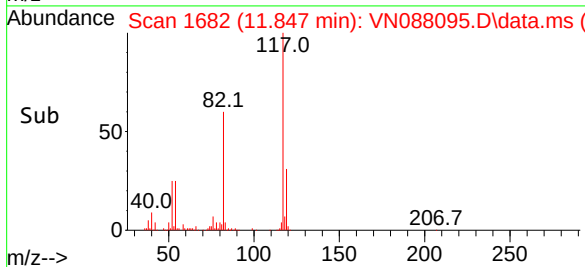
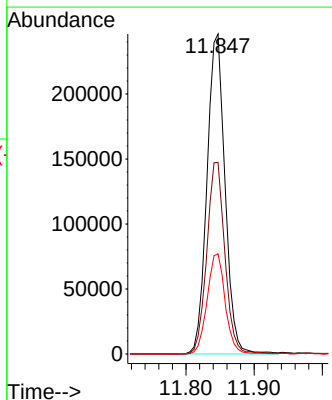
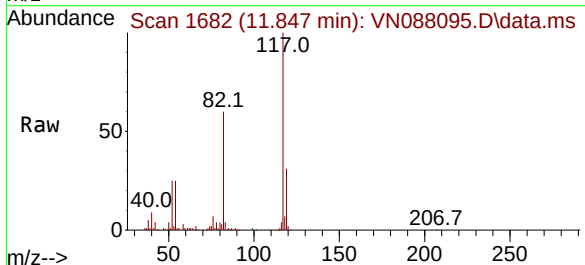
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MSVOA_N
ClientSampleId :
STORAGE-BLANK-SAMPLE-MANAGEMENT

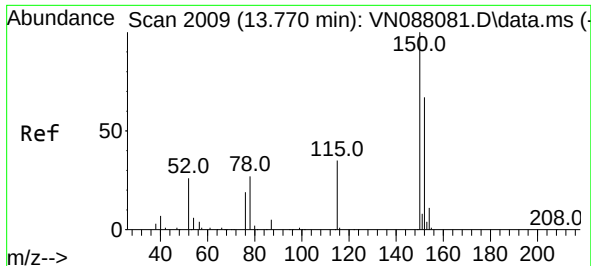
Tgt Ion: 95 Resp: 228168
Ion Ratio Lower Upper
95 100
174 67.1 0.0 138.4
176 64.0 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088095.D
Acq: 24 Oct 2025 15:39

Tgt Ion: 117 Resp: 453957
Ion Ratio Lower Upper
117 100
82 59.8 47.4 71.2
119 31.3 24.3 36.5

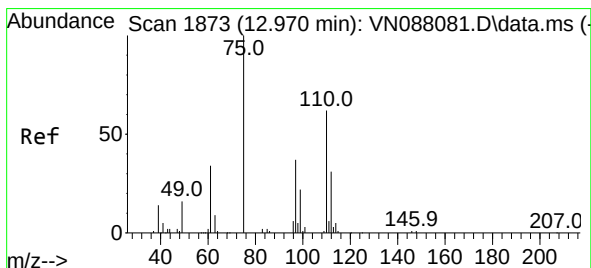
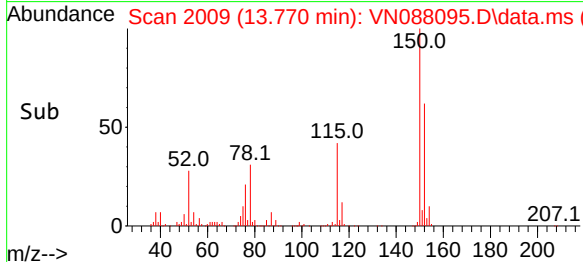
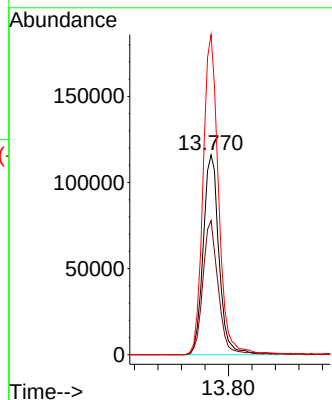
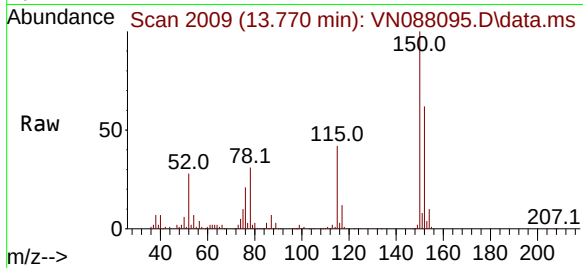




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.006 min
 Lab File: VN088095.D
 Acq: 24 Oct 2025 15:39

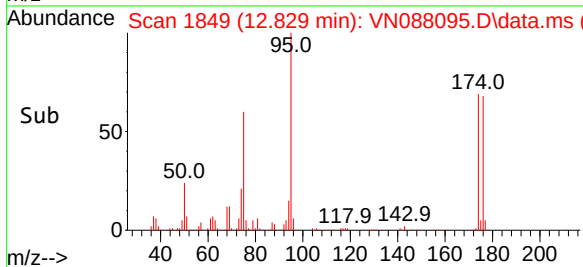
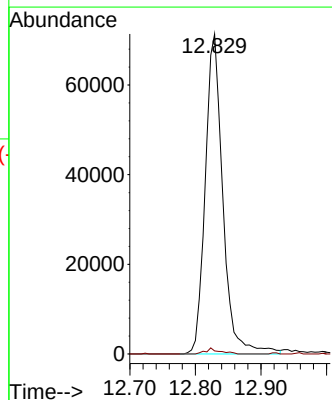
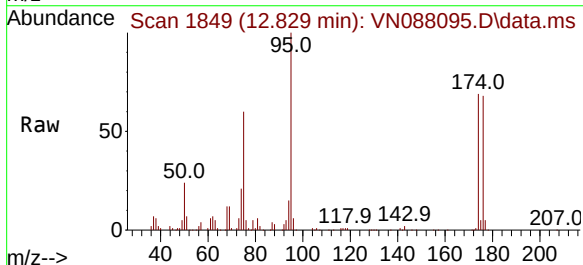
Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

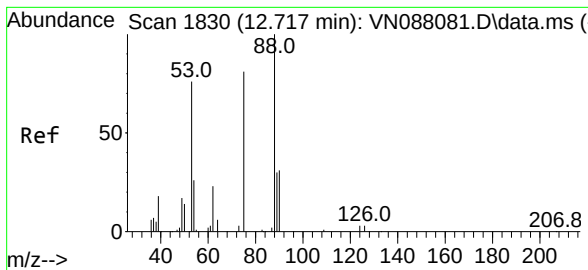
Tgt Ion:152 Resp: 217438
 Ion Ratio Lower Upper
 152 100
 115 64.8 32.3 96.8
 150 155.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 26.836 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN088095.D
 Acq: 24 Oct 2025 15:39

Tgt Ion: 75 Resp: 133410
 Ion Ratio Lower Upper
 75 100
 77 1.4 89.1 267.4#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 74.860 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN088095.D
 Acq: 24 Oct 2025 15:39

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-SAMPLE-MANAGEMENT

Tgt Ion: 75 Resp: 133410
 Ion Ratio Lower Upper
 75 100
 53 0.1 101.8 152.6#
 89 0.0 35.6 53.4#

