

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
 Data File : VN088299.D
 Acq On : 17 Nov 2025 13:18
 Operator : JC\MD
 Sample : Q3643-03RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 STORAGE-BLANK-WATER-REF-4

Quant Time: Nov 18 03:00:22 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

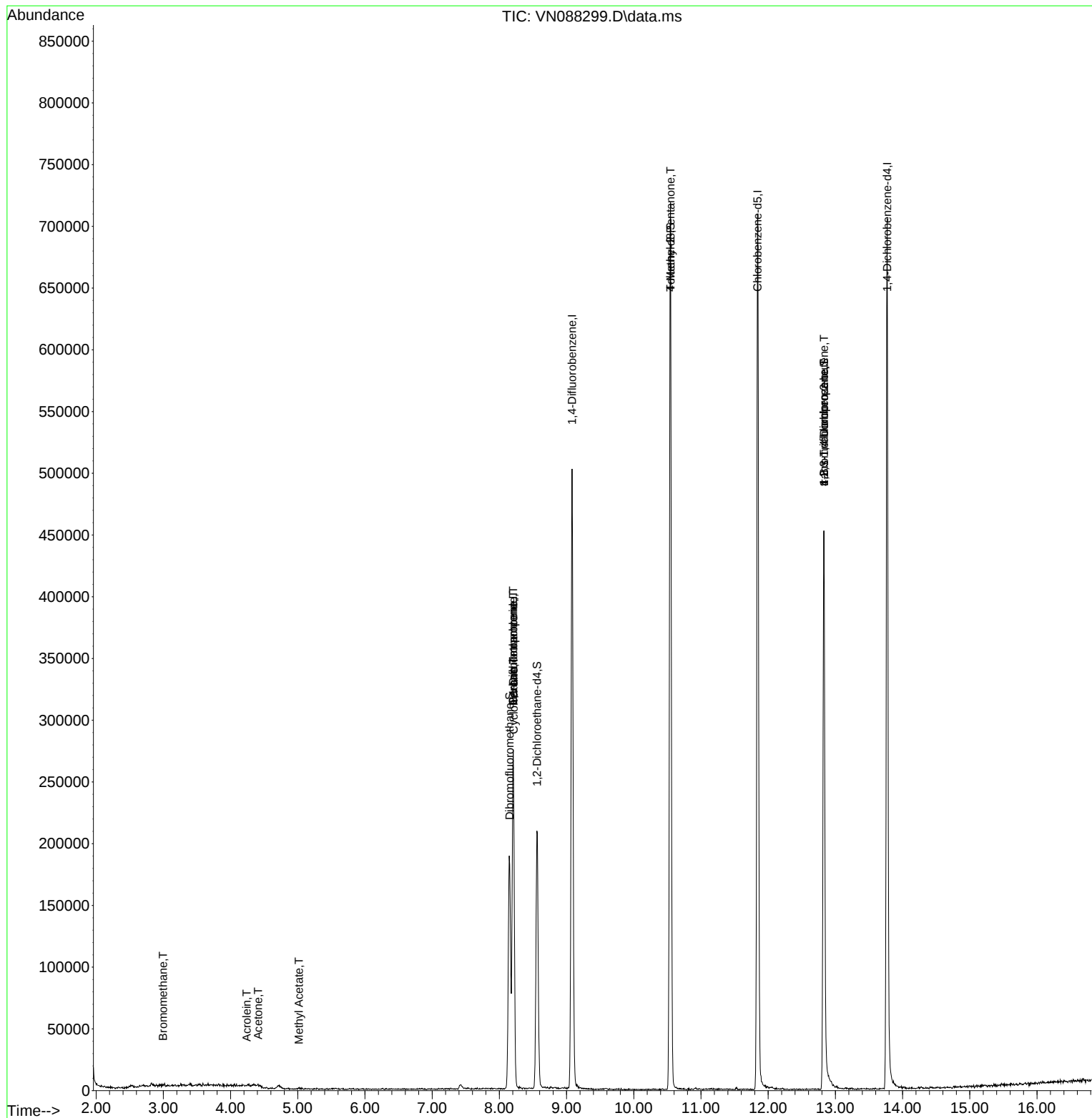
Internal Standards						
1) Pentafluorobenzene	8.206	168	180533	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	408977	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	396641	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	187205	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	172614	55.293	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.580%			
35) Dibromofluoromethane	8.153	113	135916	49.468	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 98.940%			
50) Toluene-d8	10.547	98	481854	45.515	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 91.040%			
62) 4-Bromofluorobenzene	12.829	95	176690	47.258	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 94.520%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.995	94	345	0.221	ug/l	89
13) Acrolein	4.242	56	121	0.200	ug/l #	73
16) Acetone	4.412	43	1155	0.736	ug/l	92
18) Methyl Acetate	5.018	43	714	0.222	ug/l #	54
31) Cyclohexane	8.212	56	5598	1.281	ug/l #	35
36) 1,1-Dichloropropene	8.206	75	18138	4.521	ug/l #	51
38) Carbon Tetrachloride	8.206	117	21750	5.249	ug/l #	15
51) 4-Methyl-2-Pentanone	10.547	43	2503	0.532	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	98123	22.925	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	98123	63.951	ug/l #	1

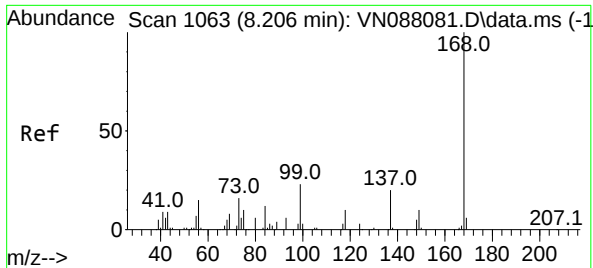
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111725\
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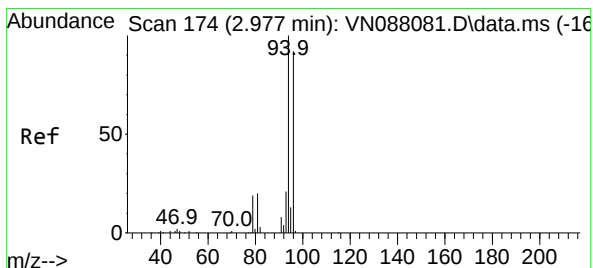
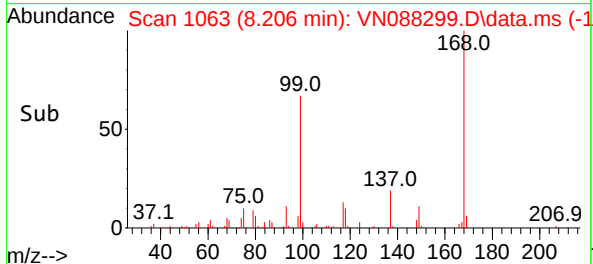
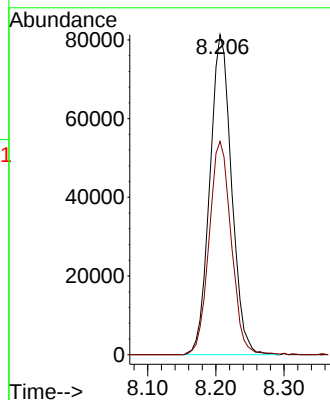
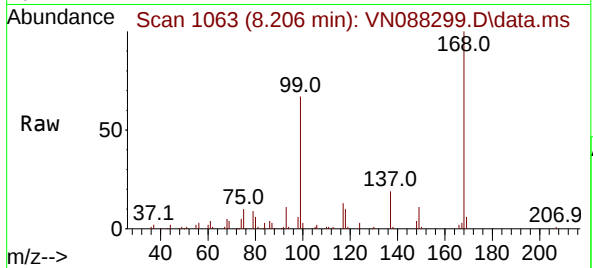




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

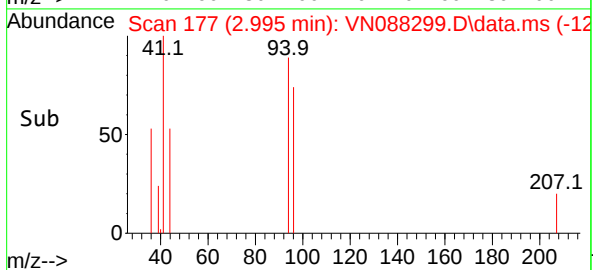
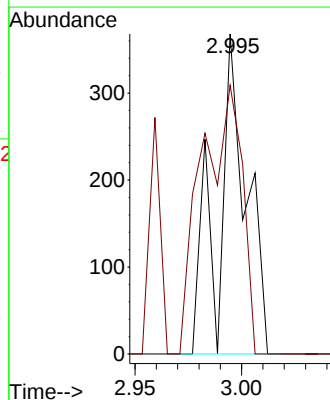
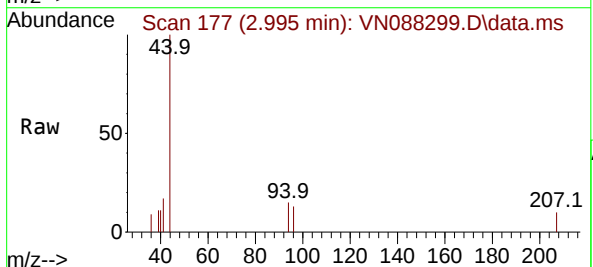
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

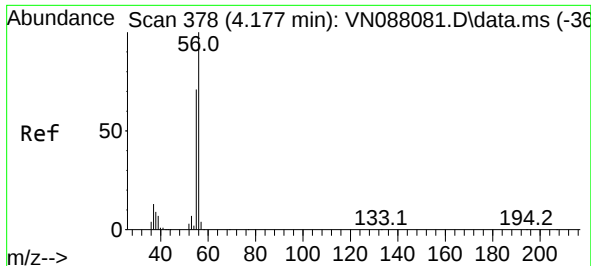
Tgt Ion:168 Resp: 180533
Ion Ratio Lower Upper
168 100
99 66.6 57.2 85.8



#5
Bromomethane
Concen: 0.221 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.023 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 94 Resp: 345
Ion Ratio Lower Upper
94 100
96 84.0 75.4 113.2

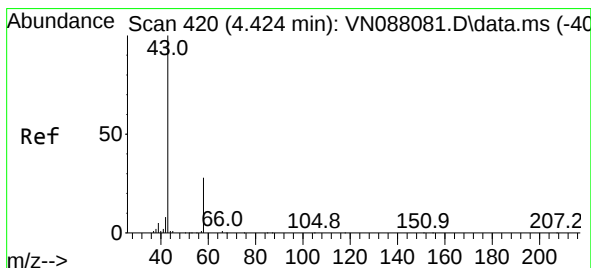
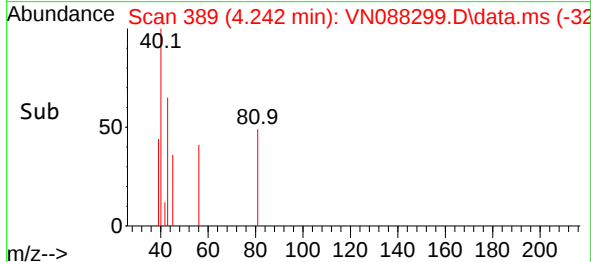
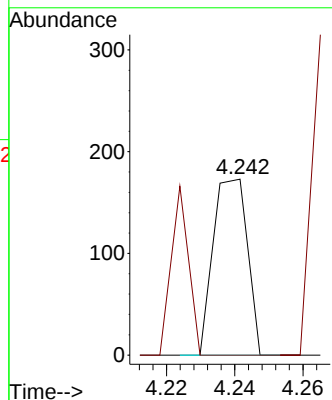
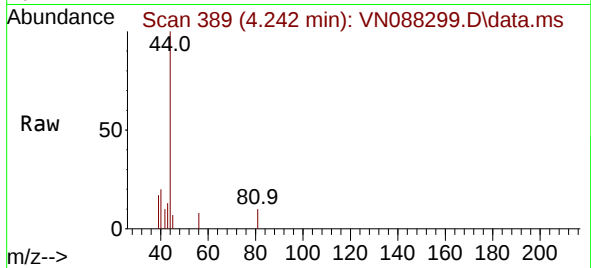




#13
Acrolein
Concen: 0.200 ug/l
RT: 4.242 min Scan# 311
Delta R.T. 0.070 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

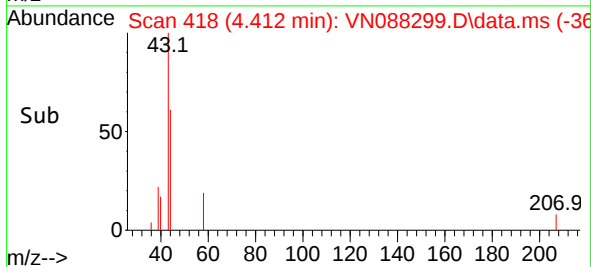
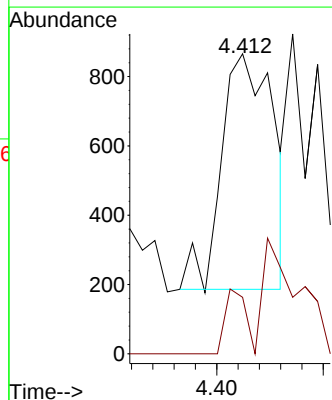
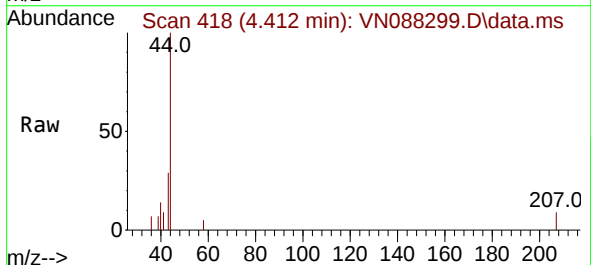
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

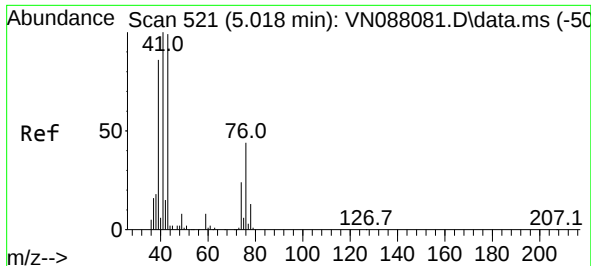
Tgt Ion: 56 Resp: 121
Ion Ratio Lower Upper
56 100
55 48.8 57.3 85.9#



#16
Acetone
Concen: 0.736 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 43 Resp: 1155
Ion Ratio Lower Upper
43 100
58 24.0 22.6 33.8

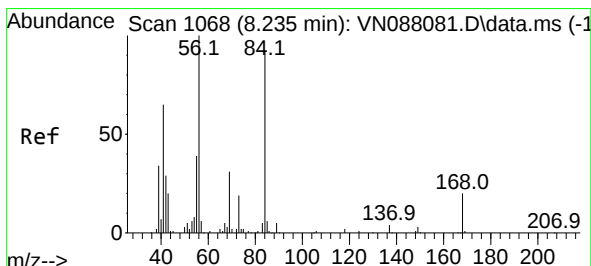
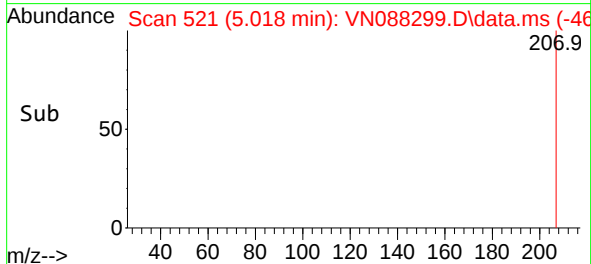
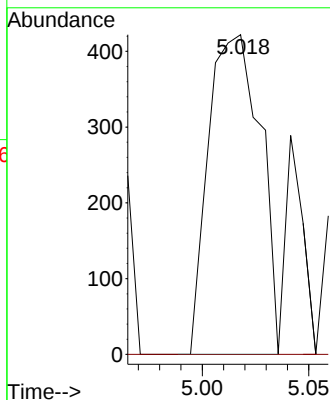
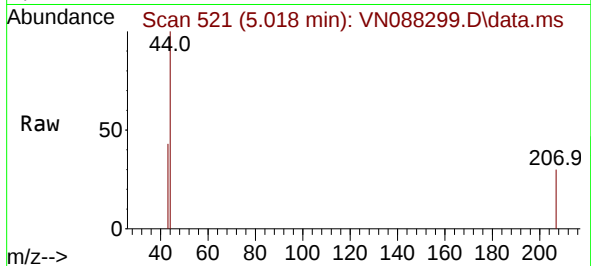




#18
Methyl Acetate
Concen: 0.222 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

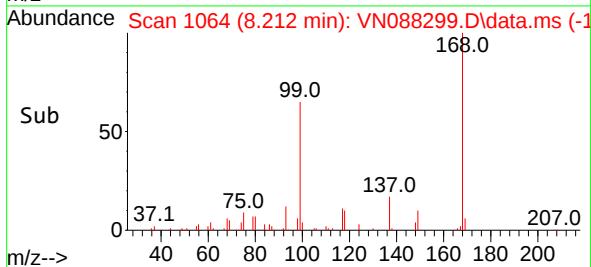
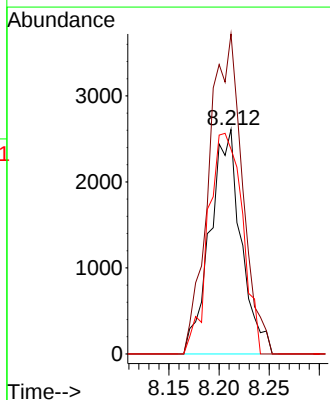
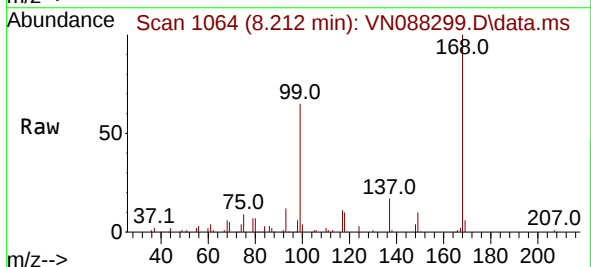
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

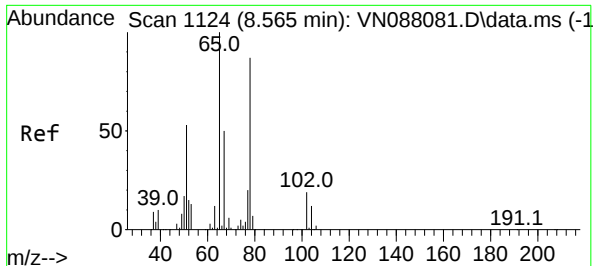
Tgt Ion: 43 Resp: 714
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#31
Cyclohexane
Concen: 1.281 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 56 Resp: 5598
Ion Ratio Lower Upper
56 100
69 142.6 23.7 35.5#
84 91.2 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 55.293 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088299.D

Acq: 17 Nov 2025 13:18

Instrument :

MSVOA_N

ClientSampleId :

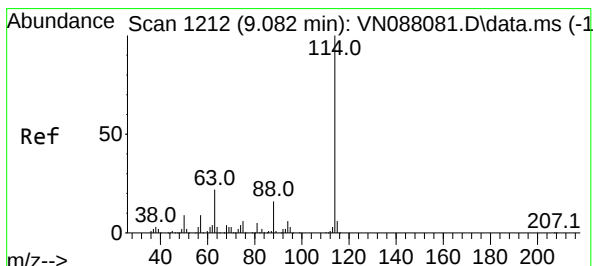
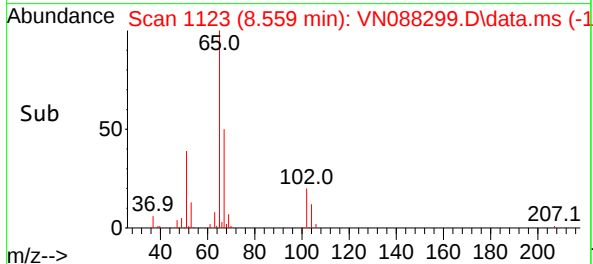
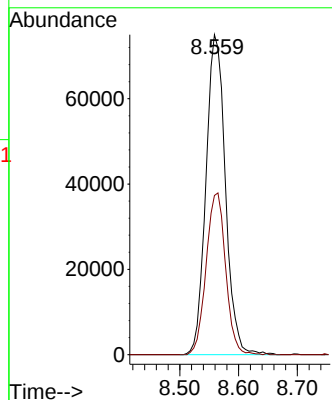
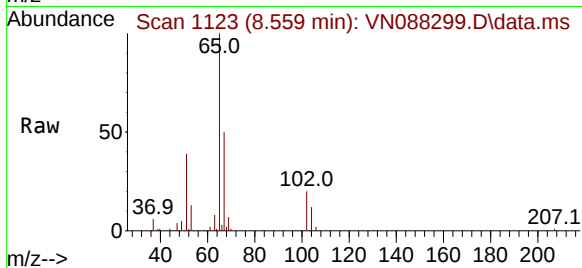
STORAGE-BLANK-WATER-REF-4

Tgt Ion: 65 Resp: 172614

Ion Ratio Lower Upper

65 100

67 50.6 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: VN088299.D

Acq: 17 Nov 2025 13:18

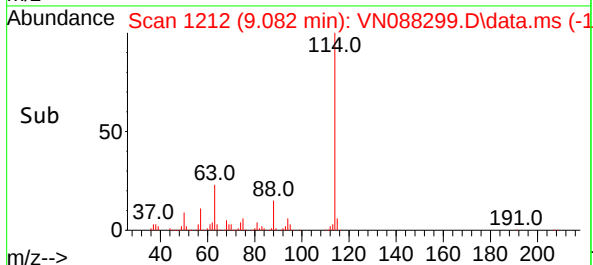
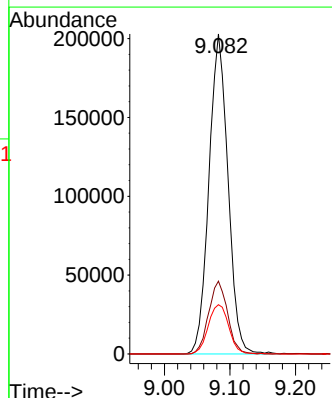
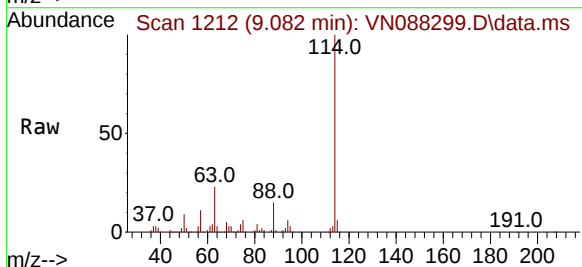
Tgt Ion: 114 Resp: 408977

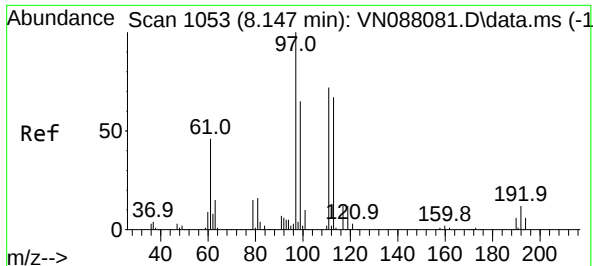
Ion Ratio Lower Upper

114 100

63 22.7 0.0 45.2

88 15.4 0.0 33.4

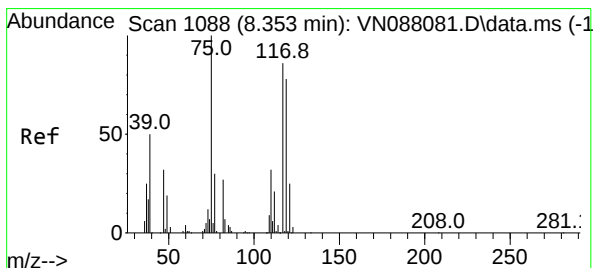
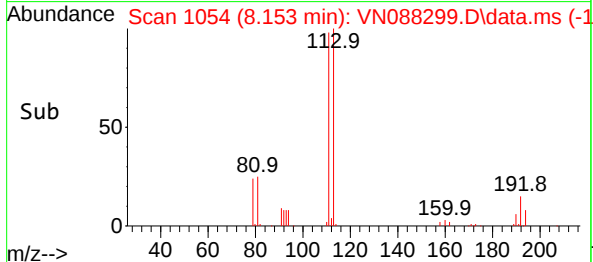
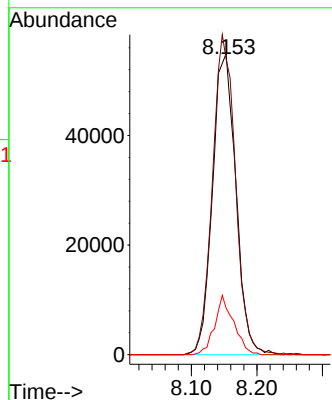
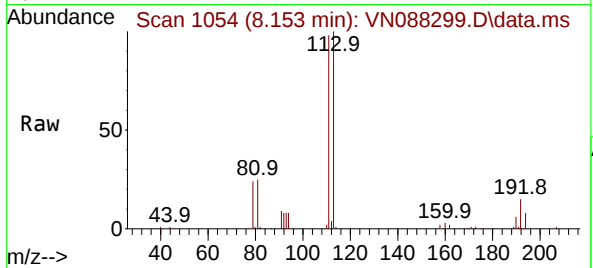




#35
Dibromofluoromethane
Concen: 49.468 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

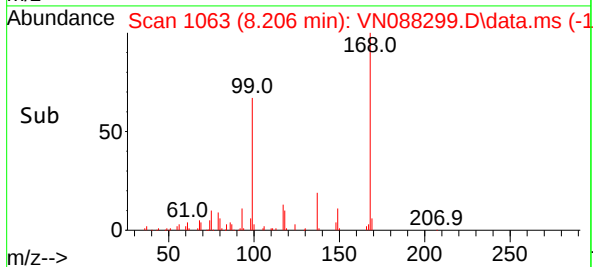
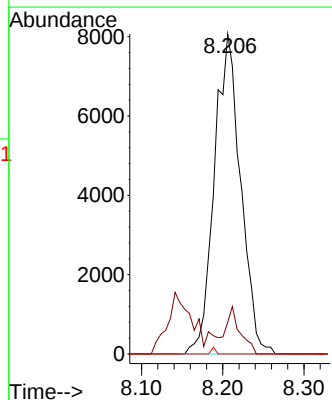
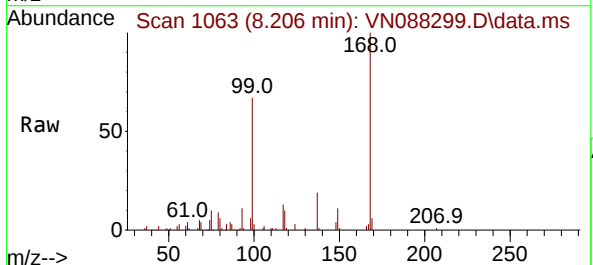
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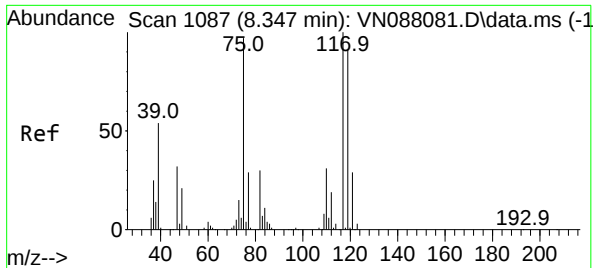
Tgt Ion:113 Resp: 135916
Ion Ratio Lower Upper
113 100
111 104.0 82.8 124.2
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.521 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 75 Resp: 18138
Ion Ratio Lower Upper
75 100
110 8.0 15.9 47.6#
77 0.0 24.4 36.6#

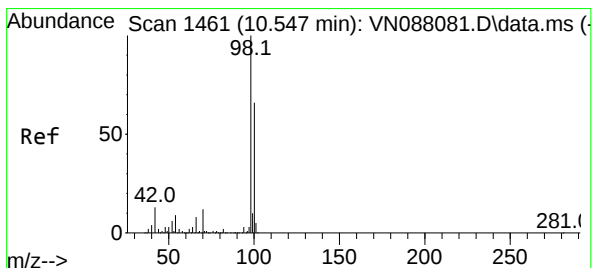
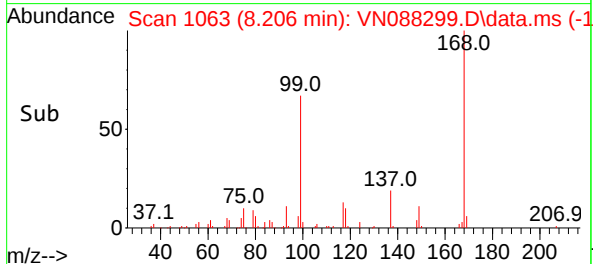
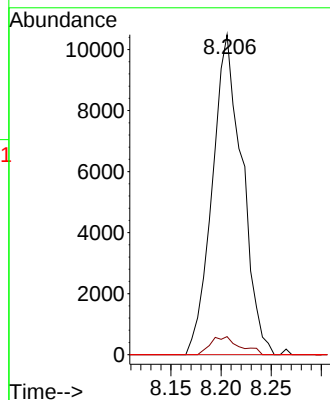
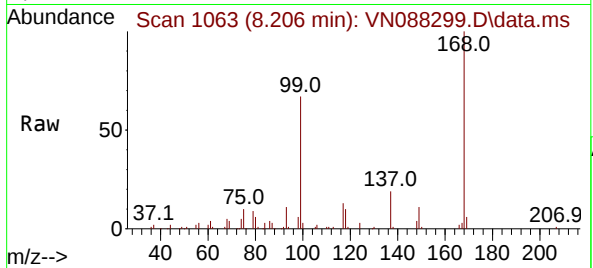




#38
Carbon Tetrachloride
Concen: 5.249 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

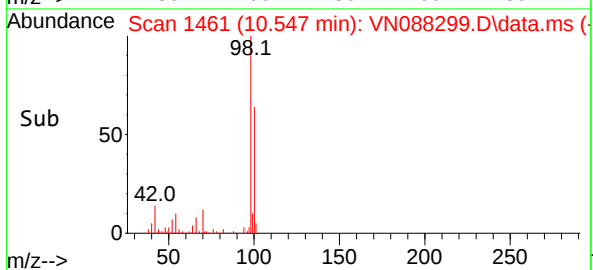
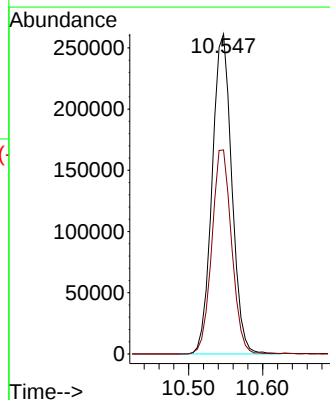
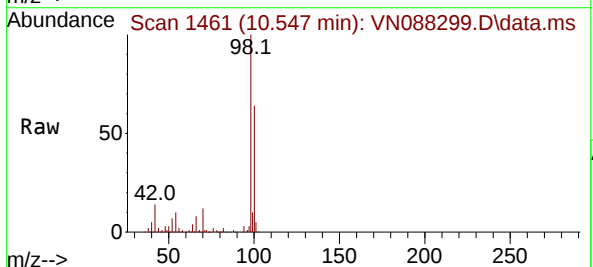
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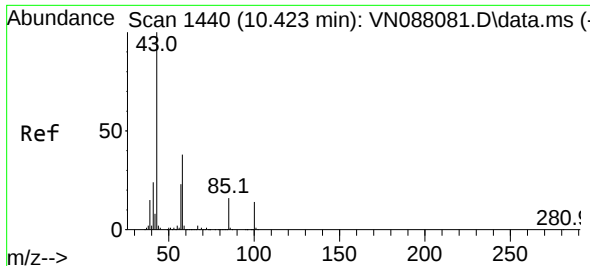
Tgt Ion:117 Resp: 21750
Ion Ratio Lower Upper
117 100
119 5.7 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 45.515 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 98 Resp: 481854
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2

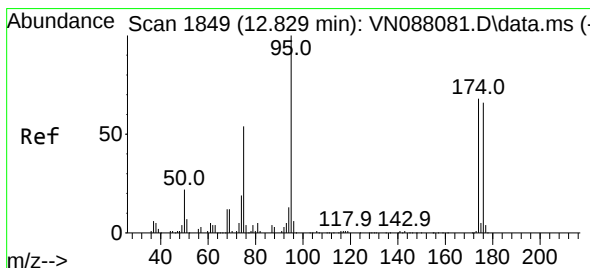
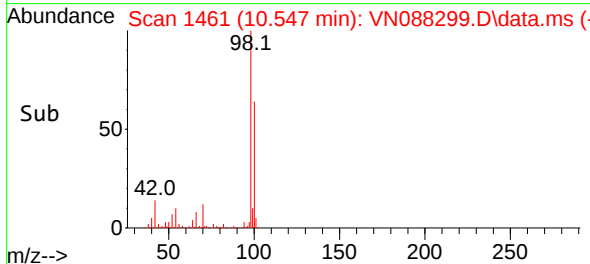
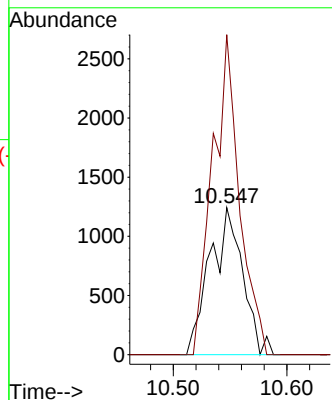
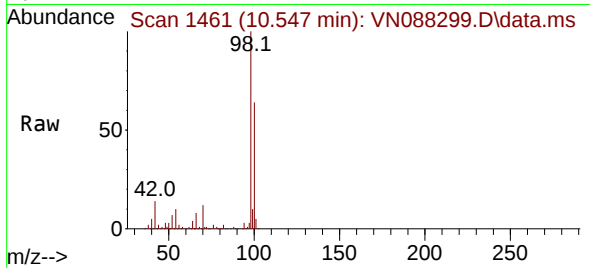




#51
4-Methyl-2-Pentanone
Concen: 0.532 ug/l
RT: 10.547 min Scan# 1440
Delta R.T. 0.123 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

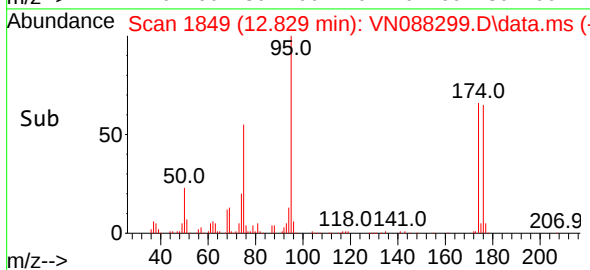
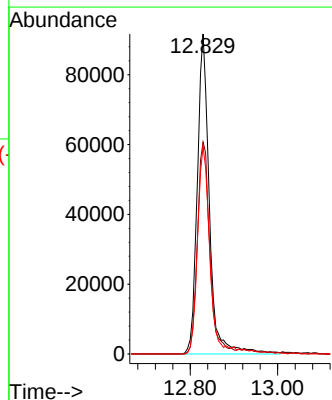
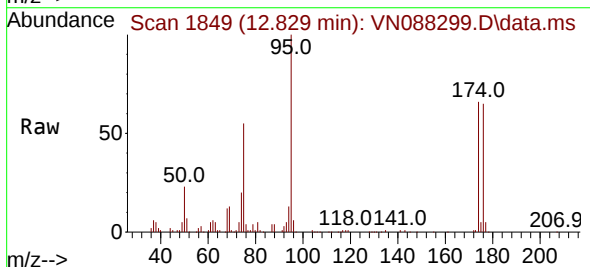
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

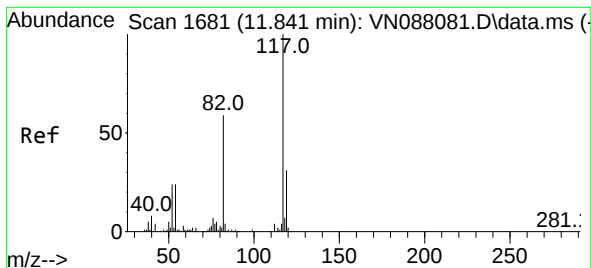
Tgt Ion: 43 Resp: 2503
Ion Ratio Lower Upper
43 100
58 178.5 29.6 44.4#



#62
4-Bromofluorobenzene
Concen: 47.258 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 95 Resp: 176690
Ion Ratio Lower Upper
95 100
174 68.0 0.0 138.4
176 67.6 0.0 132.6

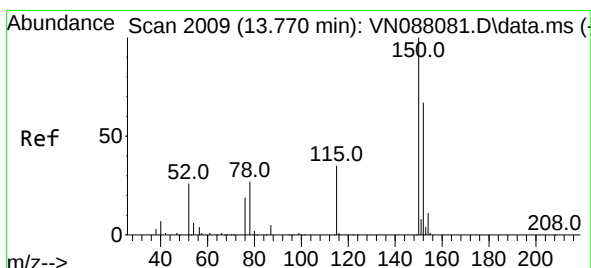
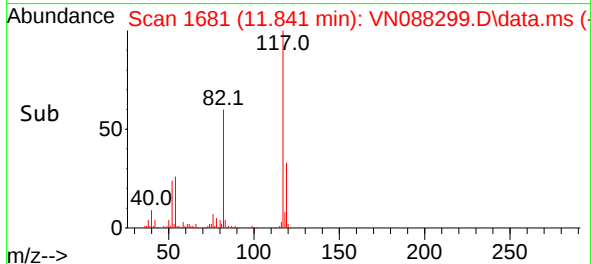
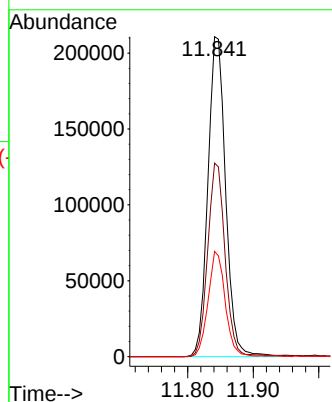
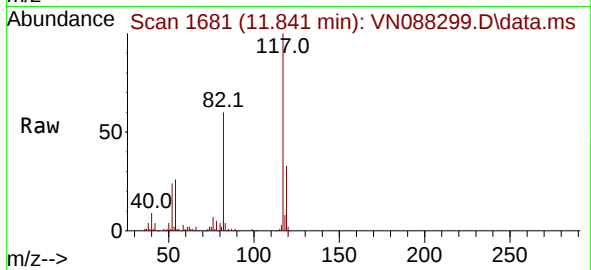




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

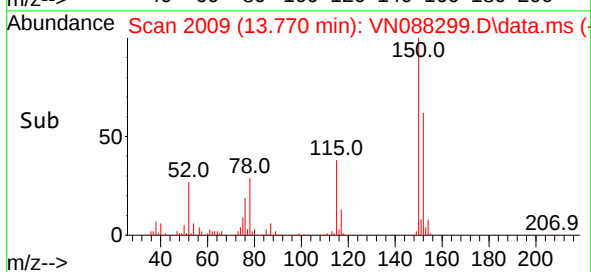
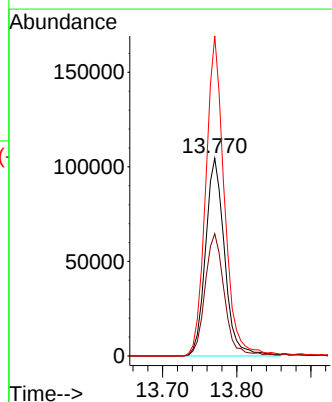
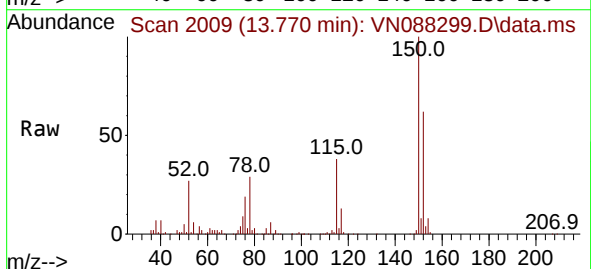
Instrument :
MSVOA_N
ClientSampleId :
STORAGE-BLANK-WATER-REF-4

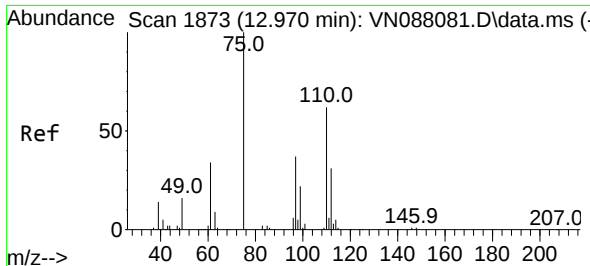
Tgt Ion:117 Resp: 396641
Ion Ratio Lower Upper
117 100
82 60.5 47.4 71.2
119 32.9 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion:152 Resp: 187205
Ion Ratio Lower Upper
152 100
115 62.7 32.3 96.8
150 158.1 0.0 351.0

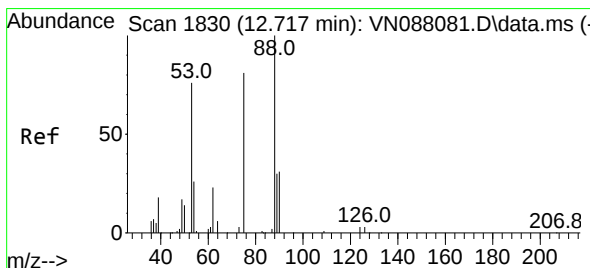
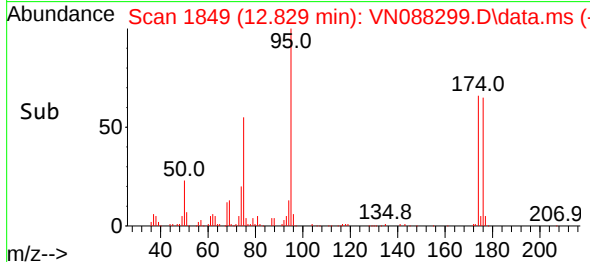
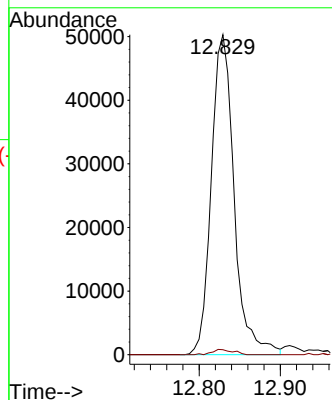
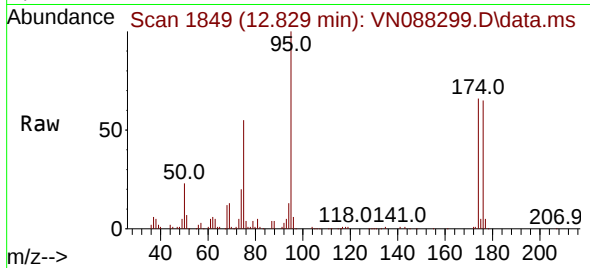




#76
1,2,3-Trichloropropane
Concen: 22.925 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Instrument : MSVOA_N
ClientSampleId : STORAGE-BLANK-WATER-REF-4

Tgt Ion: 75 Resp: 98123
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 63.951 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088299.D
Acq: 17 Nov 2025 13:18

Tgt Ion: 75 Resp: 98123
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.1 35.6 53.4#

