

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
 Data File : VN088229.D
 Acq On : 07 Nov 2025 13:30
 Operator : JC\MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

Quant Time: Nov 08 01:55:59 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)

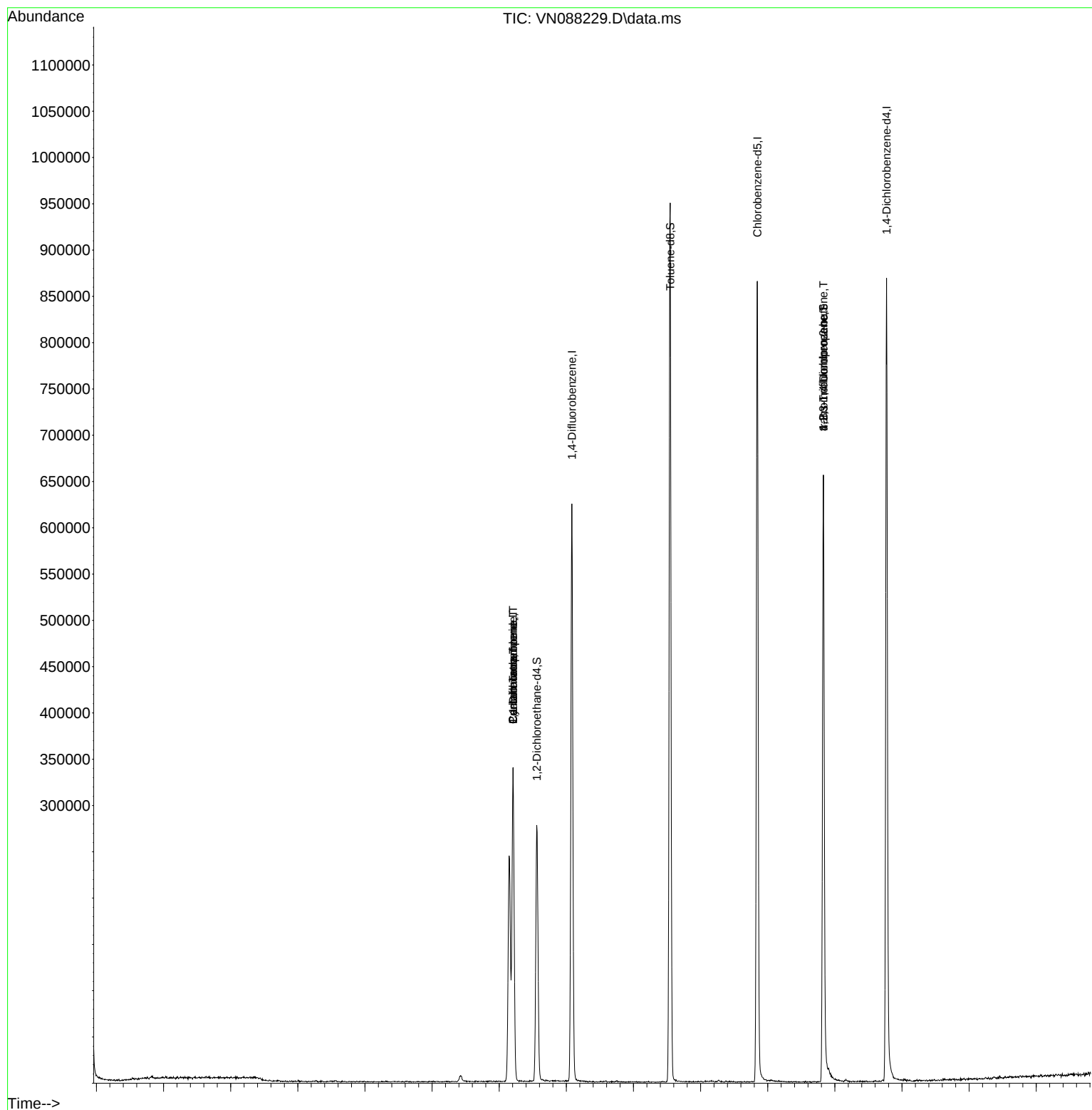
Internal Standards						
1) Pentafluorobenzene	8.206	168	219416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	509918	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	484840	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	235136	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	233893	61.645	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 123.300%			
35) Dibromofluoromethane	8.147	113	177034	51.679	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 103.360%			
50) Toluene-d8	10.547	98	645476	48.901	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 97.800%			
62) 4-Bromofluorobenzene	12.829	95	245519	52.668	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 105.340%			
Target Compounds						
					Qvalue	
5) Bromomethane	2.989	94	438	0.231	ug/l	94
11) Tert butyl alcohol	5.500	59	356	0.545	ug/l #	71
16) Acetone	4.430	43	526	0.276	ug/l #	64
18) Methyl Acetate	5.006	43	1677	0.430	ug/l #	62
31) Cyclohexane	8.206	56	7144	1.345	ug/l #	1
36) 1,1-Dichloropropene	8.206	75	22011	4.401	ug/l #	52
38) Carbon Tetrachloride	8.206	117	26260	5.083	ug/l #	15
76) 1,2,3-Trichloropropane	12.829	75	143221	26.641	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	143221	74.316	ug/l #	1

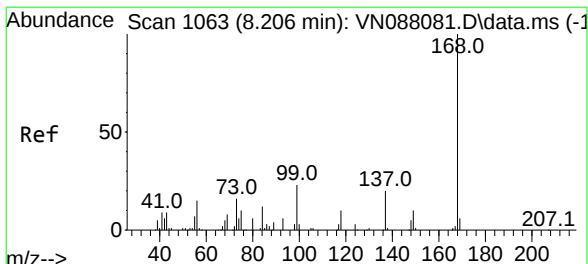
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
Data File : VN088229.D
Acq On : 07 Nov 2025 13:30
Operator : JC\MD
Sample : VIBLK
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VIBLK

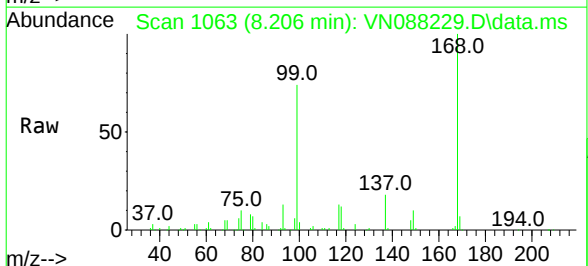
Quant Time: Nov 08 01:55:59 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration



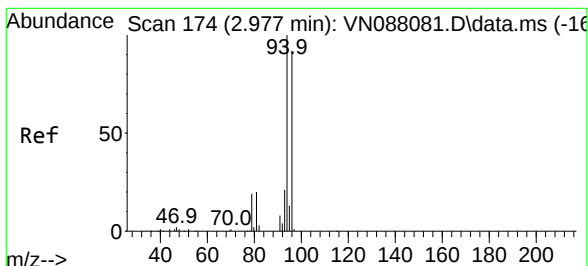
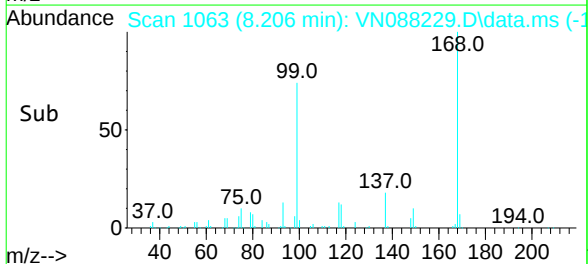
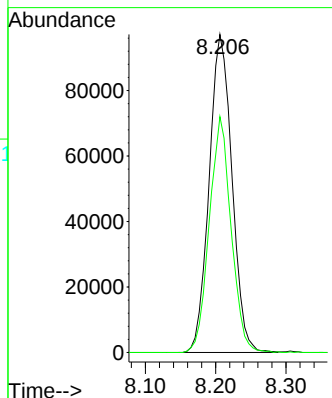


#1
 Pentafluorobenzene
 Concen: 50.000 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.000 min
 Lab File: VN088229.D
 Acq: 07 Nov 2025 13:30

Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

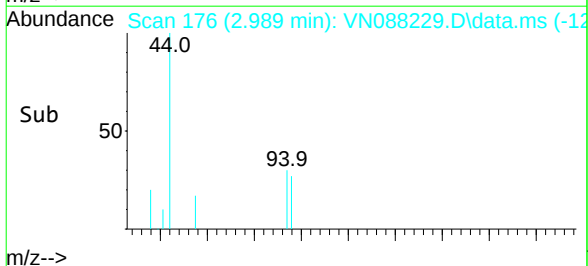
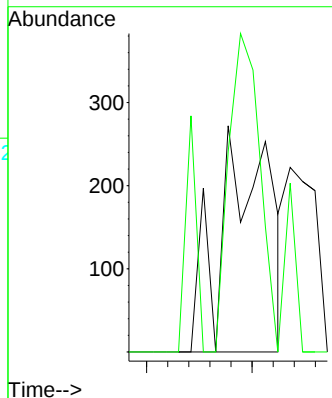
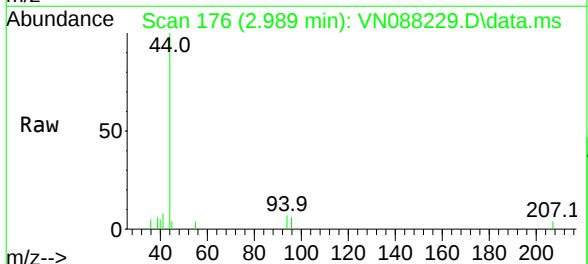


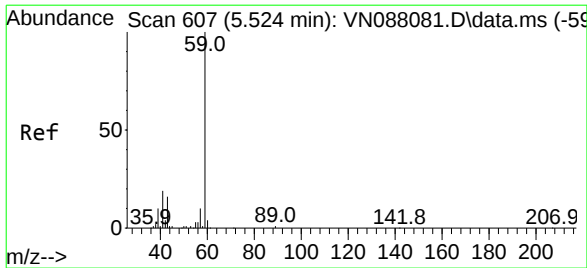
Tgt Ion: 168 Resp: 219416
 Ion Ratio Lower Upper
 168 100
 99 74.2 57.2 85.8



#5
 Bromomethane
 Concen: 0.231 ug/l
 RT: 2.989 min Scan# 176
 Delta R.T. 0.017 min
 Lab File: VN088229.D
 Acq: 07 Nov 2025 13:30

Tgt Ion: 94 Resp: 438
 Ion Ratio Lower Upper
 94 100
 96 88.6 75.4 113.2

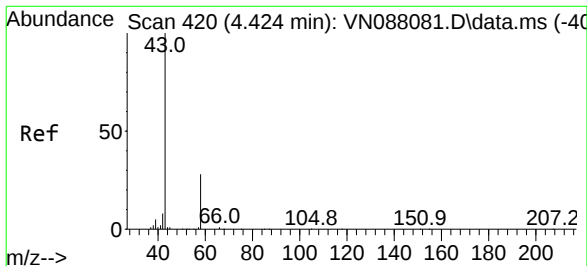
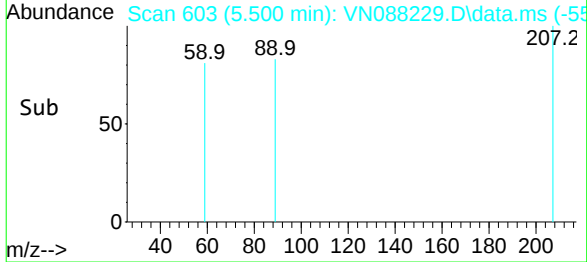
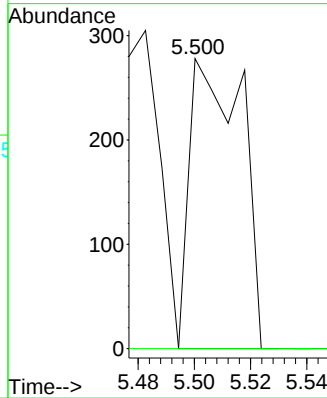
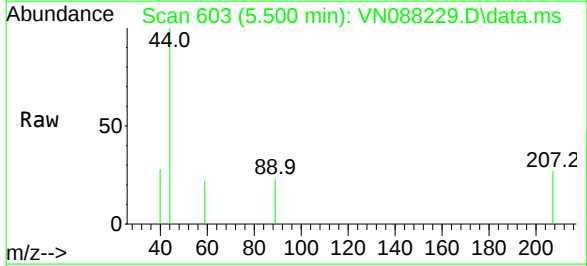




#11
Tert butyl alcohol
Concen: 0.545 ug/l
RT: 5.500 min Scan# 607
Delta R.T. -0.018 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

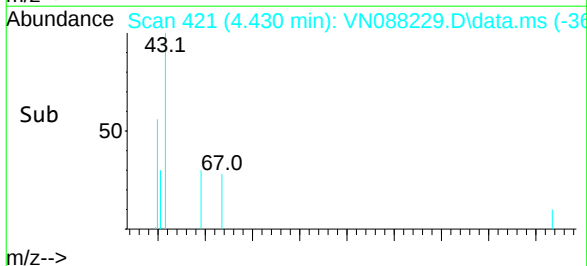
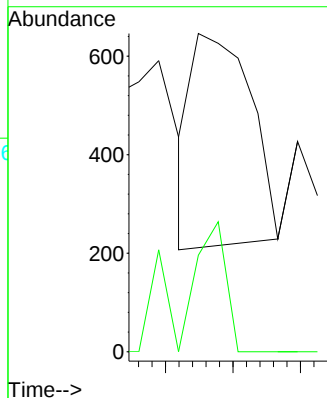
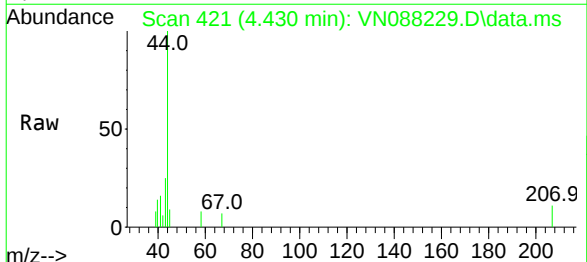
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

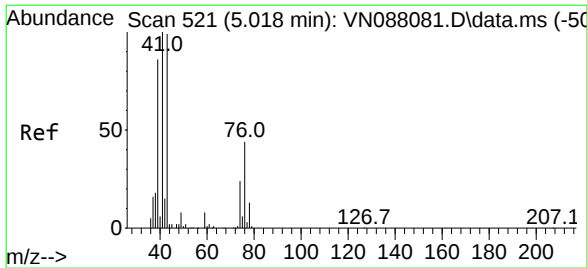
Tgt Ion: 59 Resp: 356
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#16
Acetone
Concen: 0.276 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Tgt Ion: 43 Resp: 526
Ion Ratio Lower Upper
43 100
58 47.0 22.6 33.8#

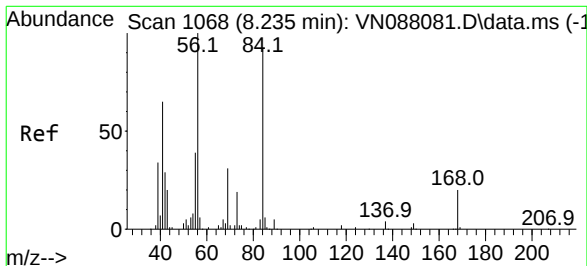
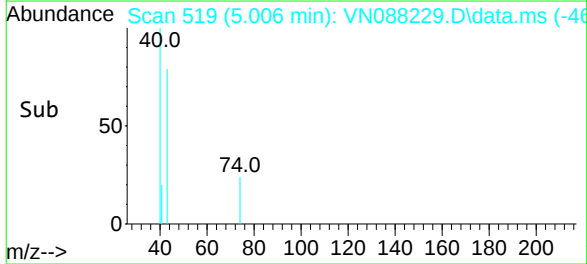
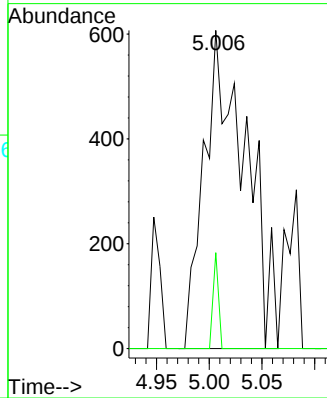
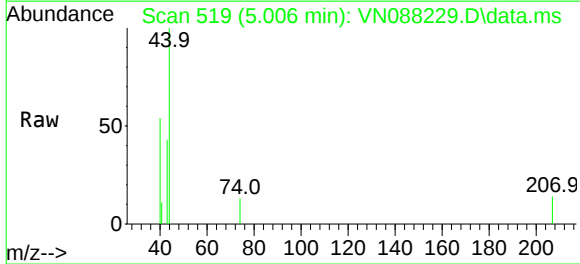




#18
Methyl Acetate
Concen: 0.430 ug/l
RT: 5.006 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

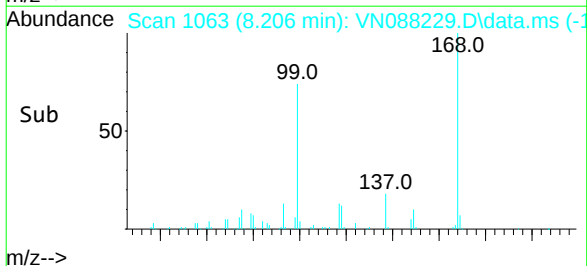
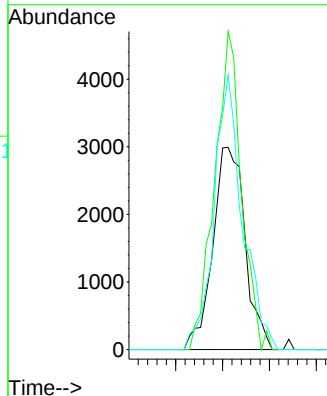
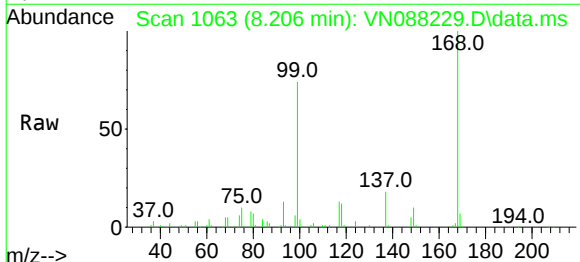
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

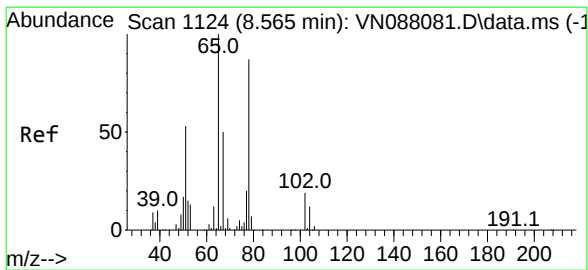
Tgt Ion: 43 Resp: 1677
Ion Ratio Lower Upper
43 100
74 3.9 17.6 26.4#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Tgt Ion: 56 Resp: 7144
Ion Ratio Lower Upper
56 100
69 157.3 23.7 35.5#
84 135.8 64.7 97.1#

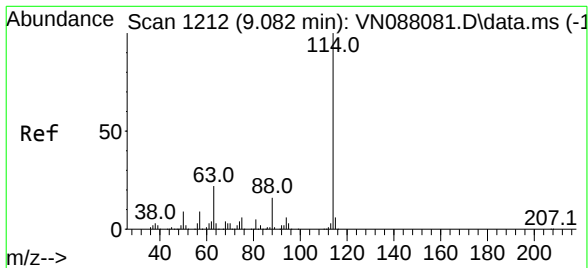
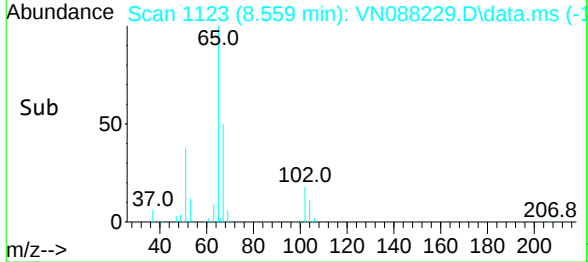
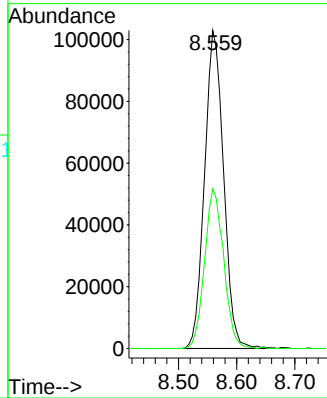
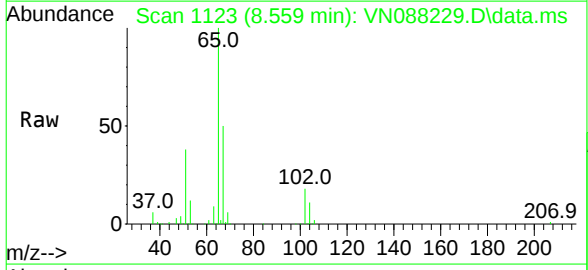




#33
 1,2-Dichloroethane-d4
 Concen: 61.645 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.000 min
 Lab File: VN088229.D
 Acq: 07 Nov 2025 13:30

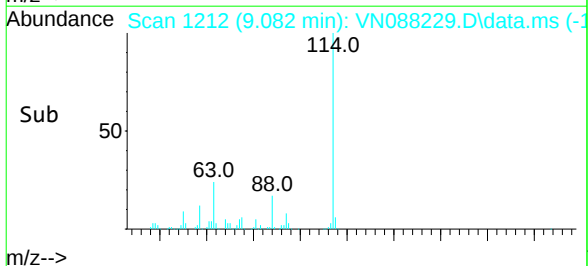
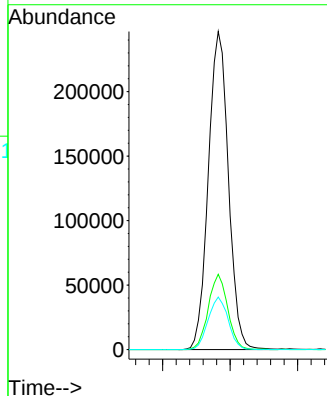
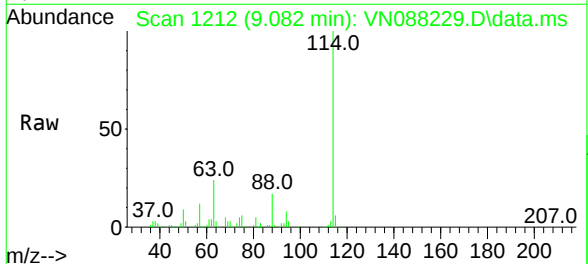
Instrument :
 MSVOA_N
 ClientSampleId :
 VIBLK

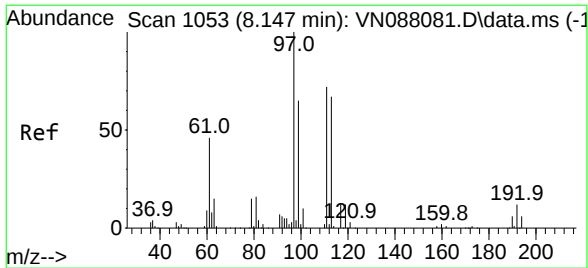
Tgt Ion: 65 Resp: 233893
 Ion Ratio Lower Upper
 65 100
 67 50.5 0.0 100.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088229.D
 Acq: 07 Nov 2025 13:30

Tgt Ion: 114 Resp: 509918
 Ion Ratio Lower Upper
 114 100
 63 23.7 0.0 45.2
 88 16.5 0.0 33.4

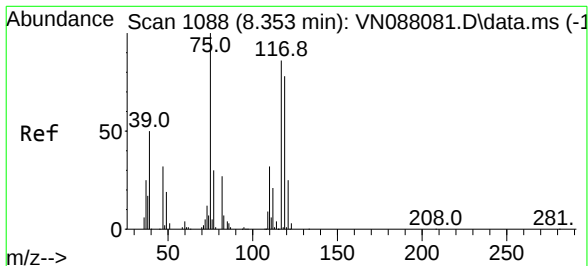
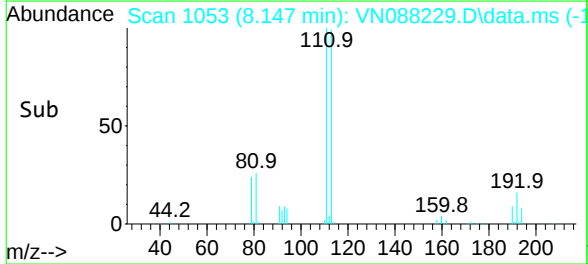
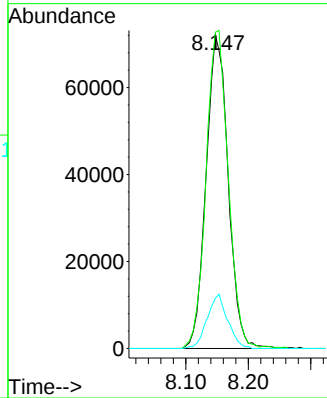
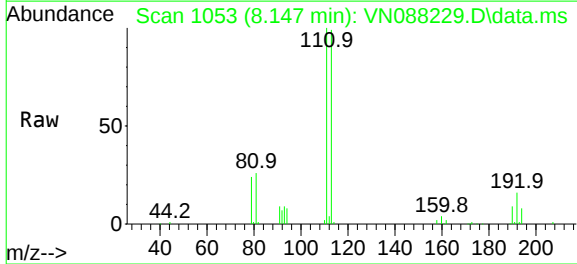




#35
Dibromofluoromethane
Concen: 51.679 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

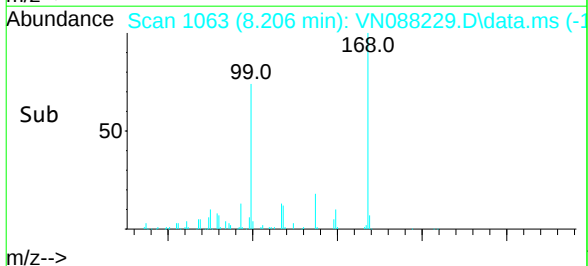
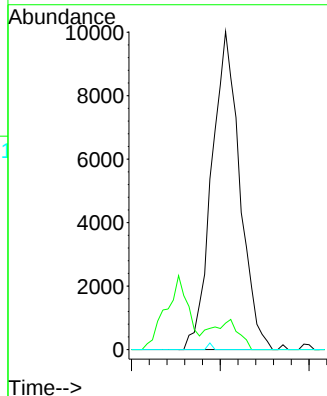
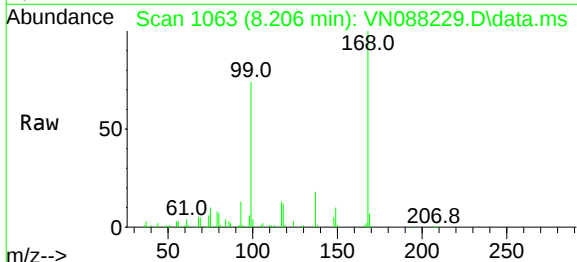
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

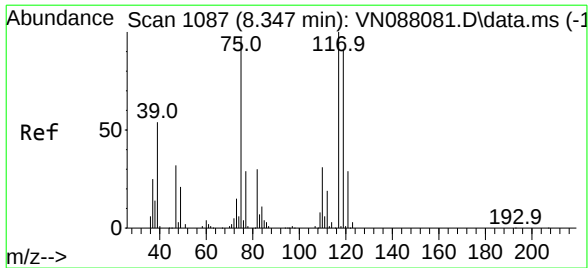
Tgt Ion:113 Resp: 177034
Ion Ratio Lower Upper
113 100
111 102.3 82.8 124.2
192 16.1 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.401 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Tgt Ion: 75 Resp: 22011
Ion Ratio Lower Upper
75 100
110 9.3 15.9 47.6#
77 0.0 24.4 36.6#

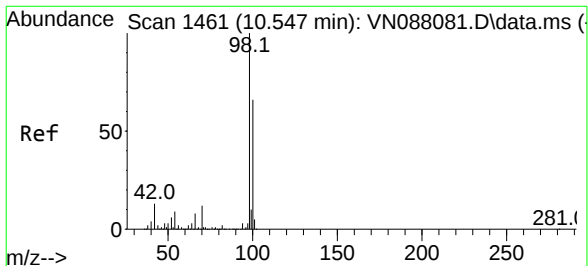
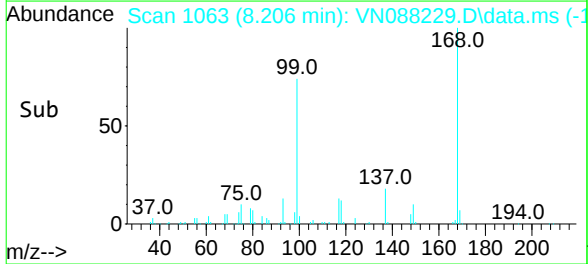
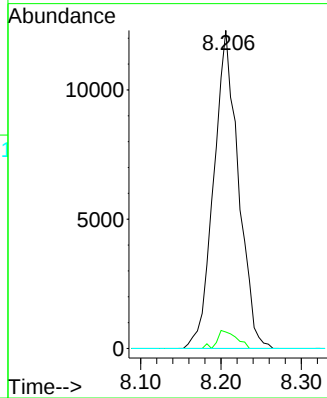
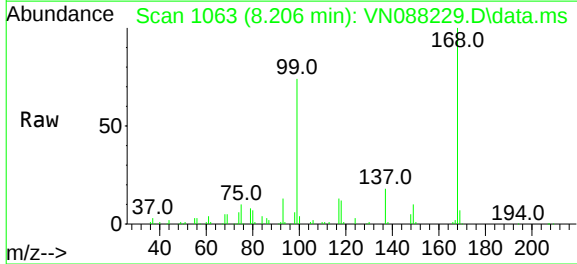




#38
Carbon Tetrachloride
Concen: 5.083 ug/l
RT: 8.206 min Scan# 1087
Delta R.T. -0.135 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

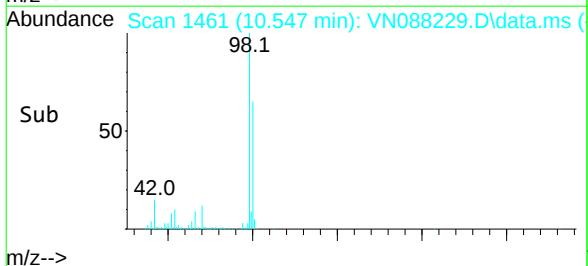
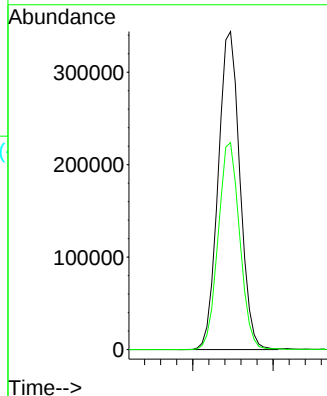
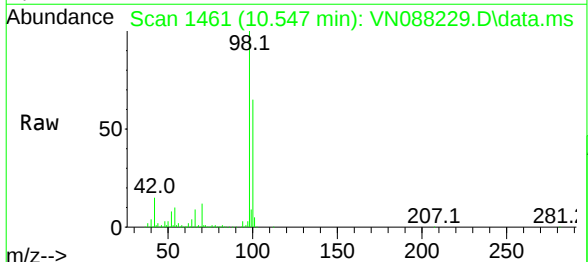
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

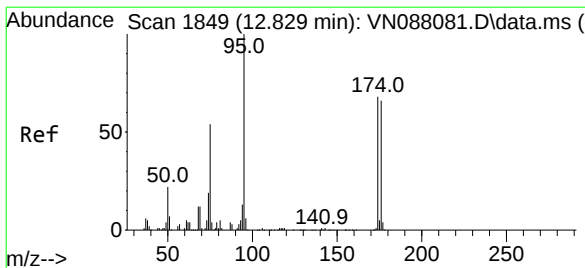
Tgt Ion:117 Resp: 26260
Ion Ratio Lower Upper
117 100
119 5.2 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 48.901 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Tgt Ion: 98 Resp: 645476
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

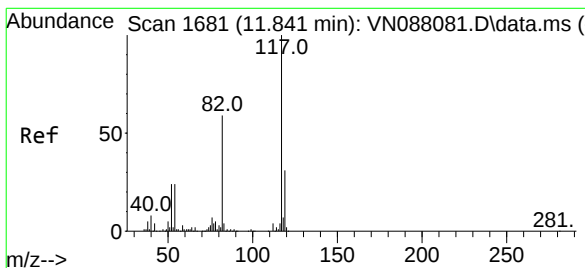
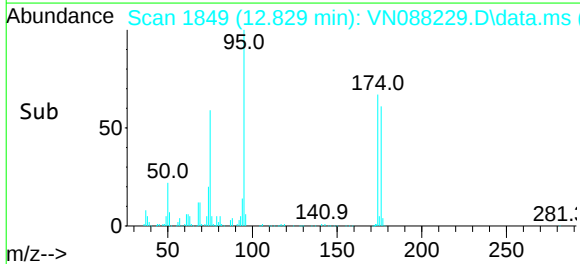
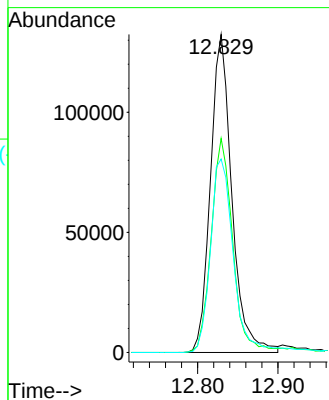
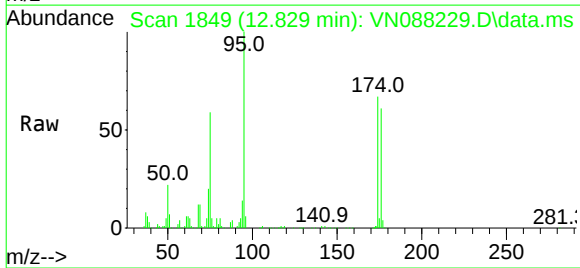




#62
4-Bromofluorobenzene
Concen: 52.668 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

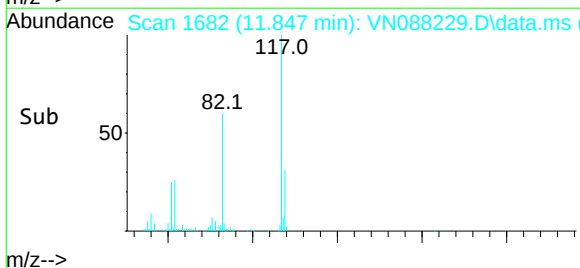
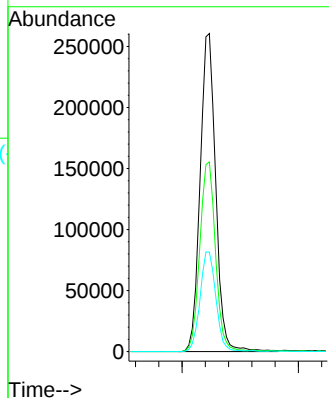
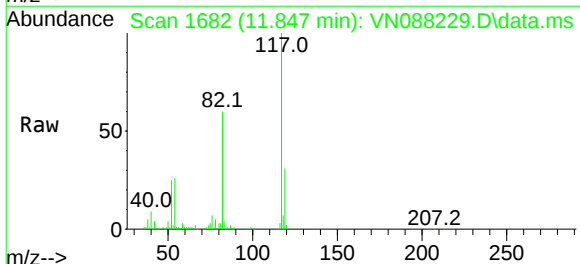
Instrument :
MSVOA_N
ClientSampleId :
VIBLK

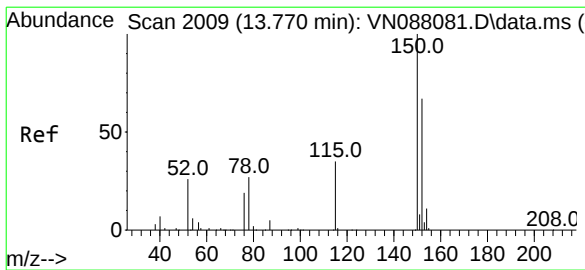
Tgt Ion: 95 Resp: 245519
Ion Ratio Lower Upper
95 100
174 67.3 0.0 138.4
176 66.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Tgt Ion: 117 Resp: 484840
Ion Ratio Lower Upper
117 100
82 59.6 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# 20

Delta R.T. 0.006 min

Lab File: VN088229.D

Acq: 07 Nov 2025 13:30

Instrument :

MSVOA_N

ClientSampleId :

VIBLK

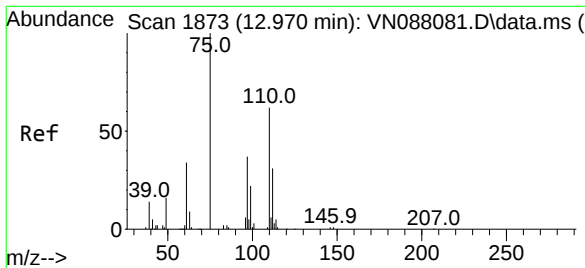
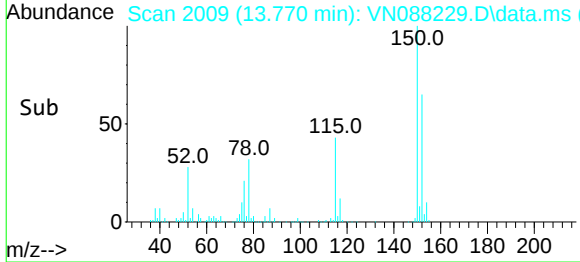
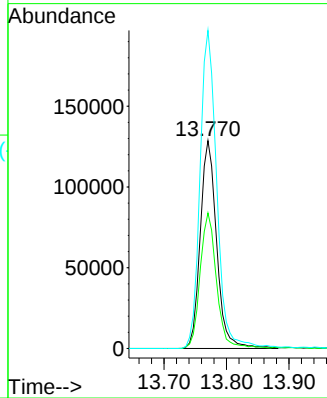
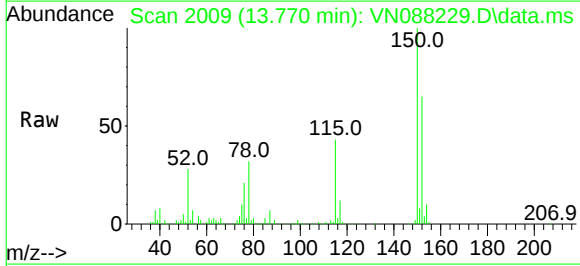
Tgt Ion:152 Resp: 235136

Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 156.1 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 26.641 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088229.D

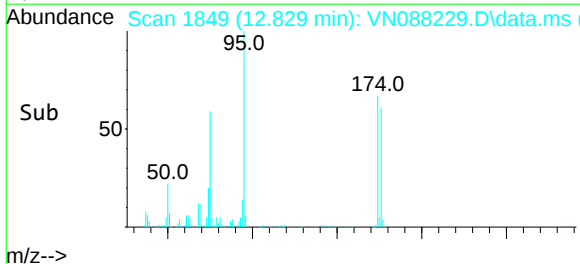
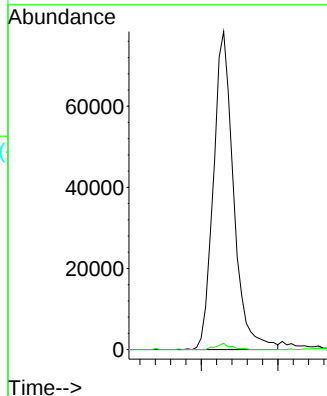
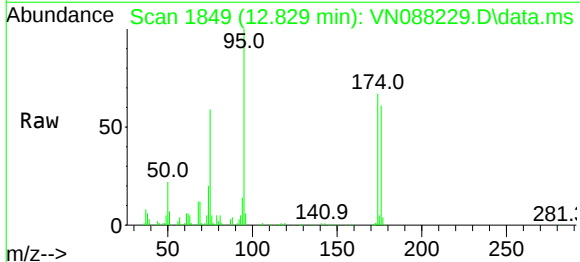
Acq: 07 Nov 2025 13:30

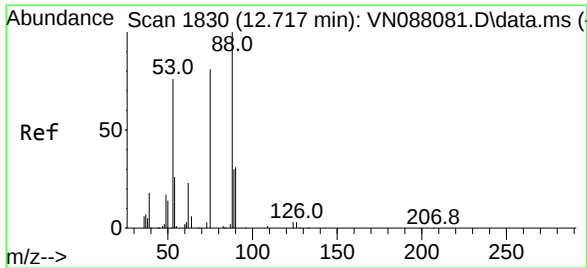
Tgt Ion: 75 Resp: 143221

Ion Ratio Lower Upper

75 100

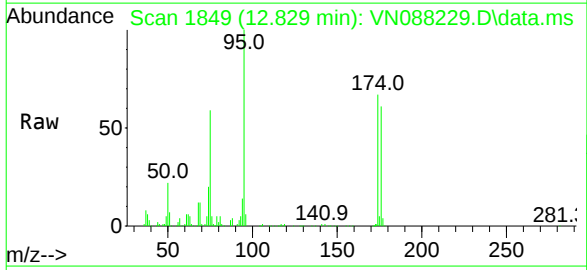
77 1.5 89.1 267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 74.316 ug/l
RT: 12.829 min Scan# 18
Delta R.T. 0.112 min
Lab File: VN088229.D
Acq: 07 Nov 2025 13:30

Instrument :
MSVOA_N
ClientSampleId :
VIBLK



Tgt Ion:	75	Resp:	143221
Ion	Ratio	Lower	Upper
75	100		
53	0.0	101.8	152.6#
89	0.0	35.6	53.4#

