

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082925\
 Data File : VN087695.D
 Acq On : 29 Aug 2025 13:03
 Operator : JC\MD
 Sample : VN0829WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBL01

Quant Time: Aug 29 22:53:21 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

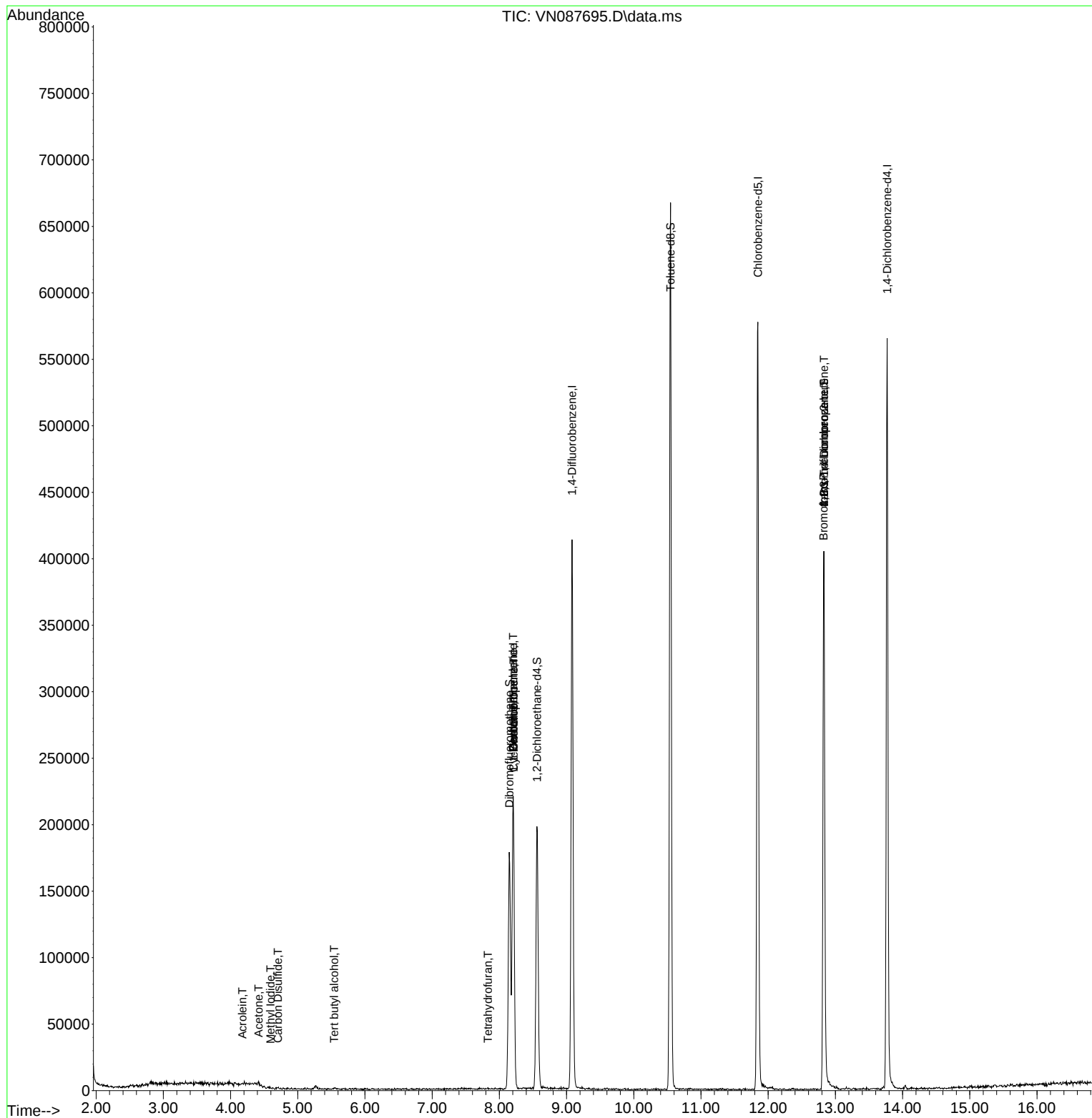
Internal Standards						
1) Pentafluorobenzene	8.206	168	144690	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	334037	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	317569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	146224	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	163836	55.265	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.540%	
35) Dibromofluoromethane	8.147	113	125190	51.909	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 103.820%	
50) Toluene-d8	10.547	98	444009	49.188	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 98.380%	
62) 4-Bromofluorobenzene	12.829	95	146849	45.745	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 91.480%	
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.595	142	62	6.846	ug/l #	38
11) Tert butyl alcohol	5.542	59	137	0.266	ug/l #	71
13) Acrolein	4.177	56	219	0.346	ug/l #	14
16) Acetone	4.418	43	1389	0.861	ug/l #	47
17) Carbon Disulfide	4.706	76	1256	0.219	ug/l #	74
20) Methylene Chloride	5.265	84	1541	Below Cal	#	60
29) Tetrahydrofuran	7.830	42	281	0.206	ug/l #	34
31) Cyclohexane	8.212	56	4614	1.237	ug/l #	46
36) 1,1-Dichloropropene	8.212	75	14291	3.863	ug/l #	52
38) Carbon Tetrachloride	8.206	117	16769	4.590	ug/l #	14
71) Bromoform	12.823	173	720	0.358	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	84192	24.553	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	84192	65.001	ug/l #	1

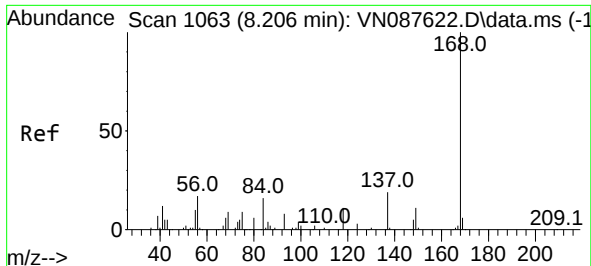
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Aug 29 22:53:21 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

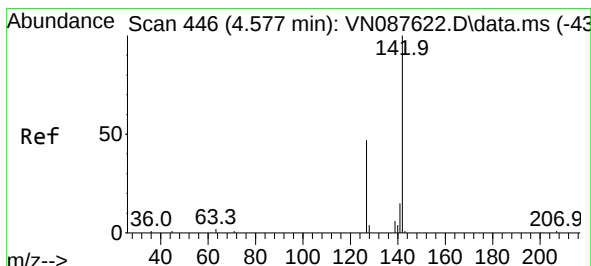
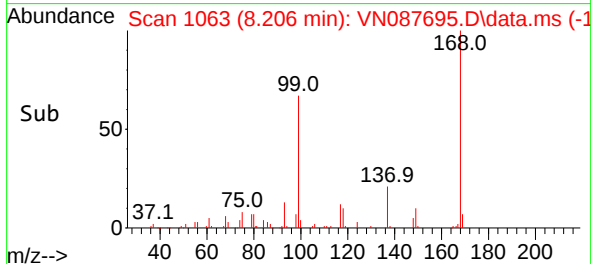
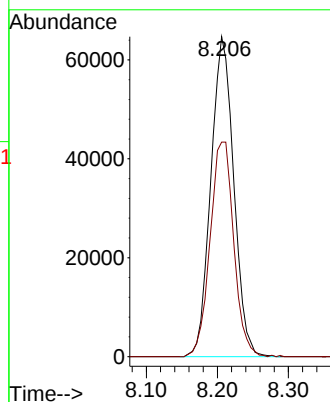
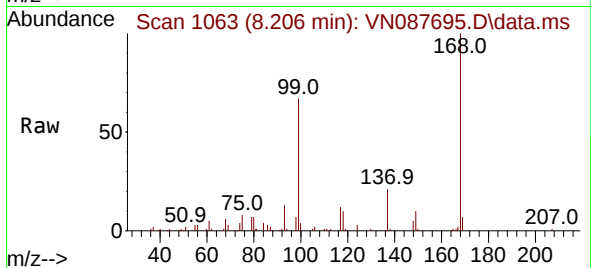




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

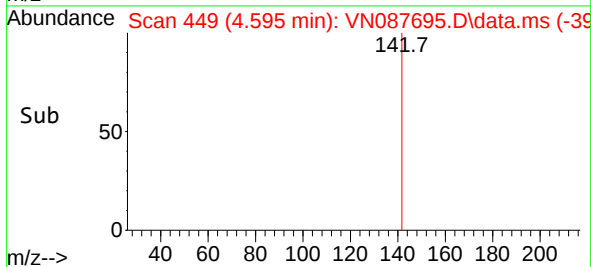
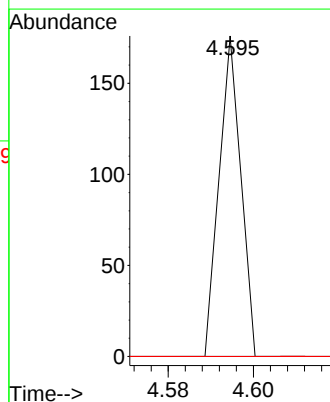
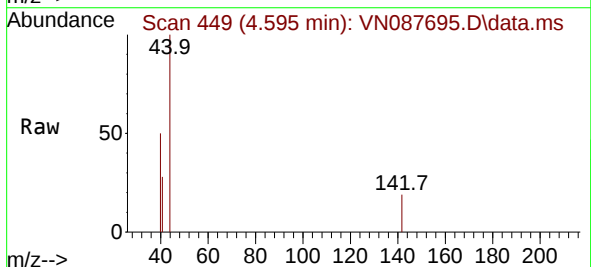
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

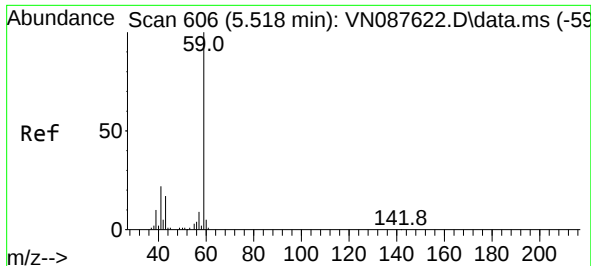
Tgt Ion:168 Resp: 144690
Ion Ratio Lower Upper
168 100
99 67.1 57.2 85.8



#10
Methyl Iodide
Concen: 6.846 ug/l
RT: 4.595 min Scan# 449
Delta R.T. 0.018 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion:142 Resp: 62
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#

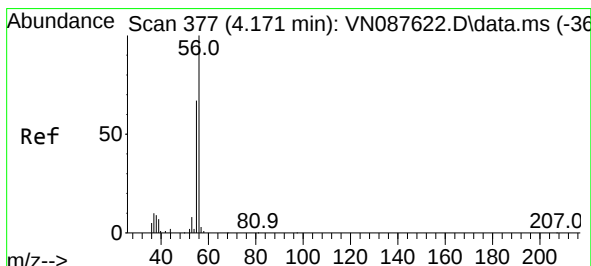
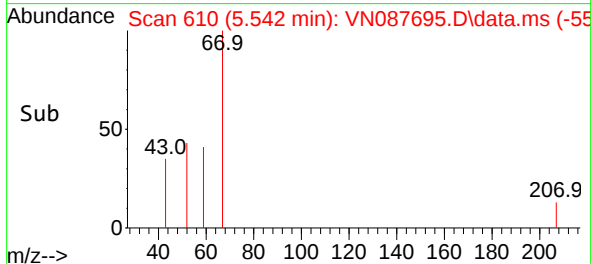
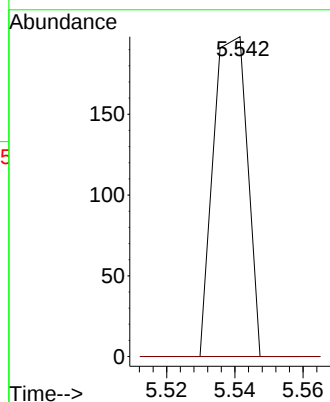
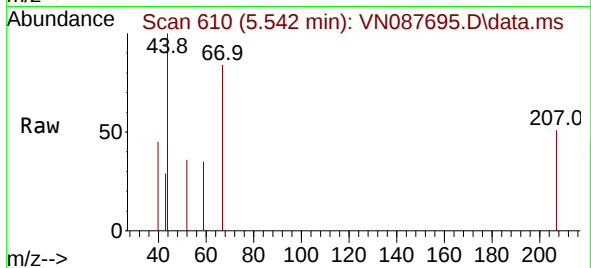




#11
Tert butyl alcohol
Concen: 0.266 ug/l
RT: 5.542 min Scan# 610
Delta R.T. 0.023 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

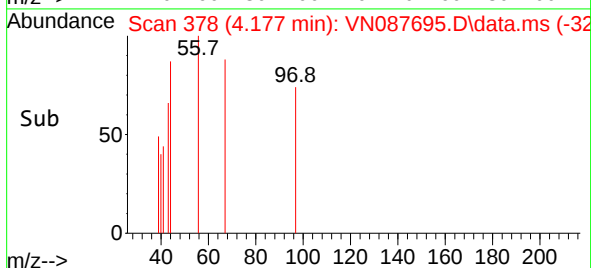
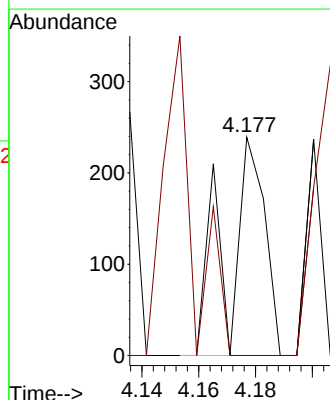
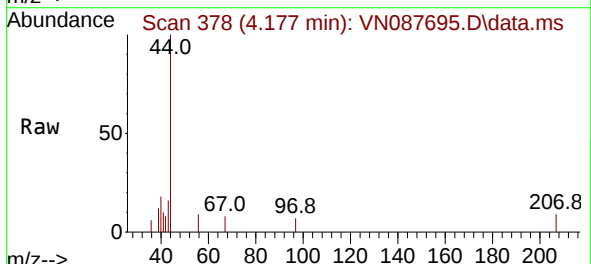
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

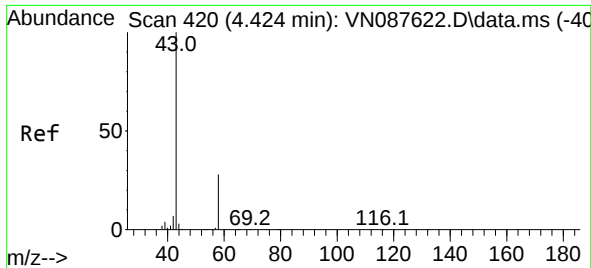
Tgt Ion: 59 Resp: 137
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: 0.346 ug/l
RT: 4.177 min Scan# 378
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 56 Resp: 219
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#

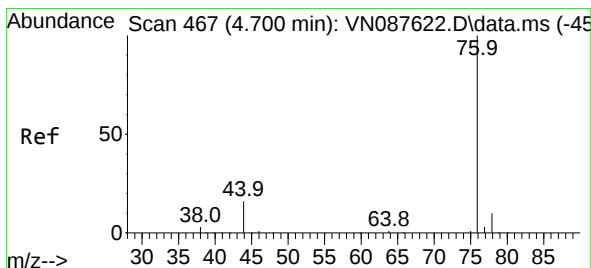
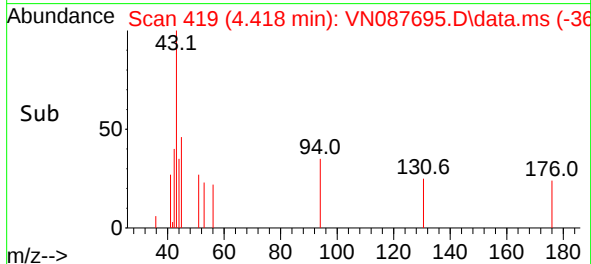
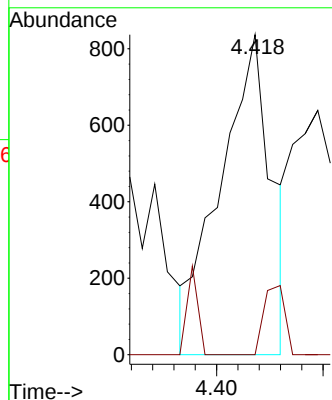
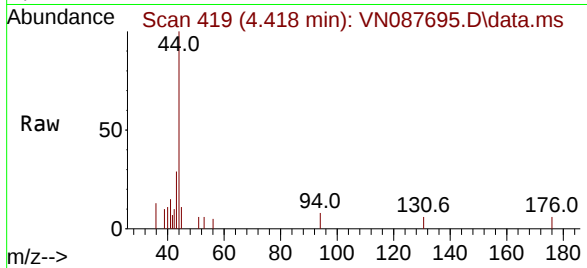




#16
Acetone
Concen: 0.861 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

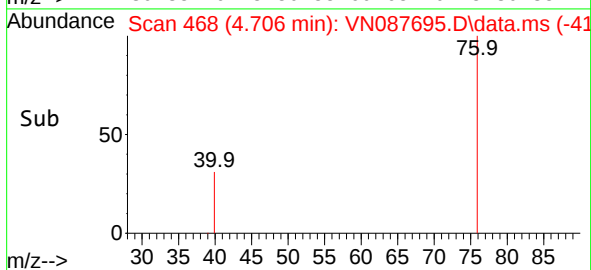
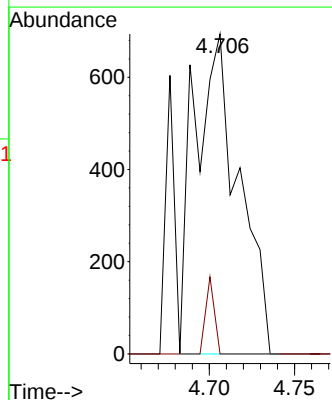
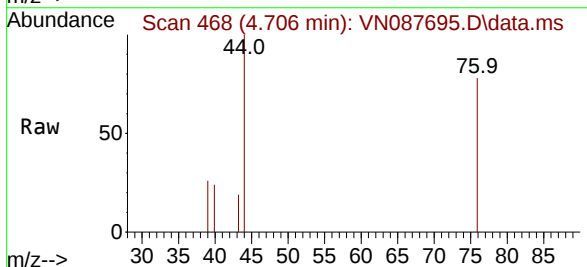
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

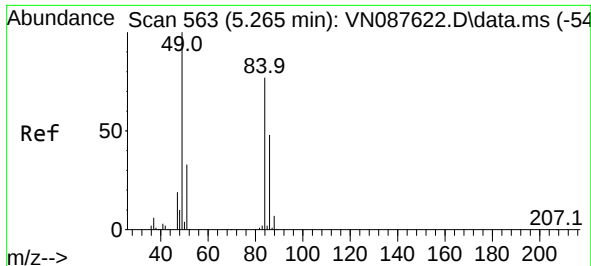
Tgt Ion: 43 Resp: 1389
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.219 ug/l
RT: 4.706 min Scan# 468
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 76 Resp: 1256
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

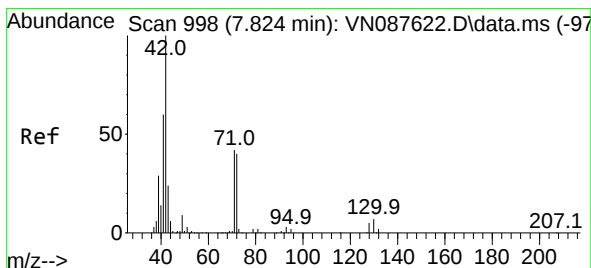
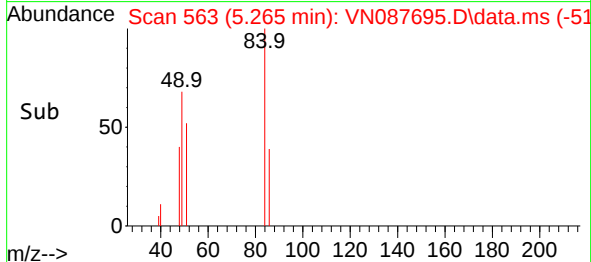
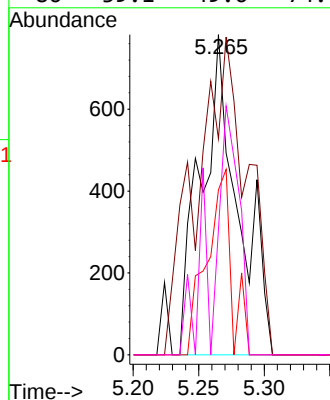
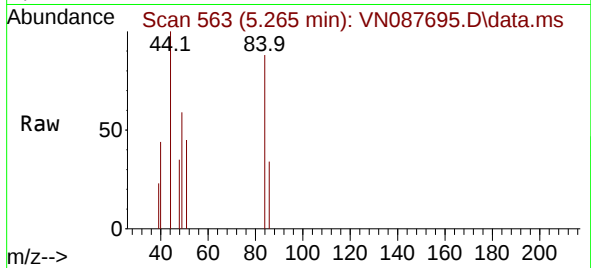




#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 501
Delta R.T. 0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

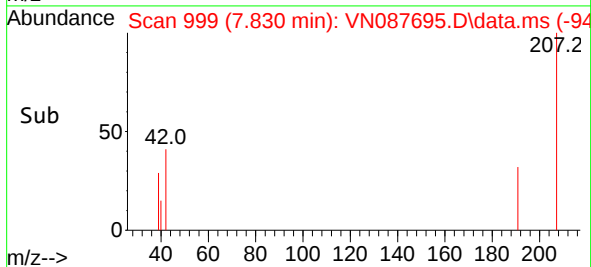
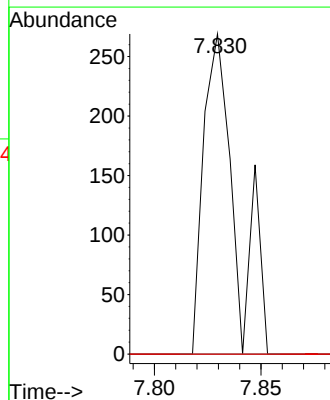
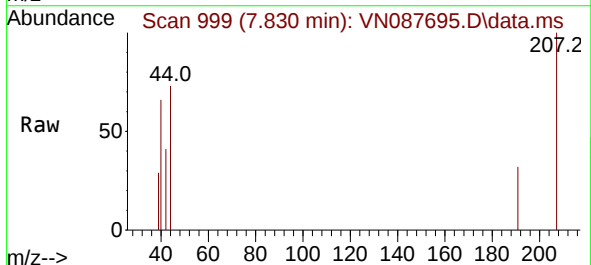
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

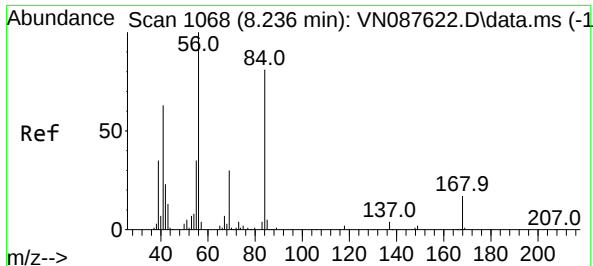
Tgt Ion:	84	Resp:	1541
Ion	Ratio	Lower	Upper
84	100		
49	67.5	103.4	155.2#
51	51.5	33.8	50.8#
86	39.1	49.6	74.4#



#29
Tetrahydrofuran
Concen: 0.206 ug/l
RT: 7.830 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion:	42	Resp:	281
Ion	Ratio	Lower	Upper
42	100		
72	0.0	33.7	50.5#
71	0.0	31.9	47.9#

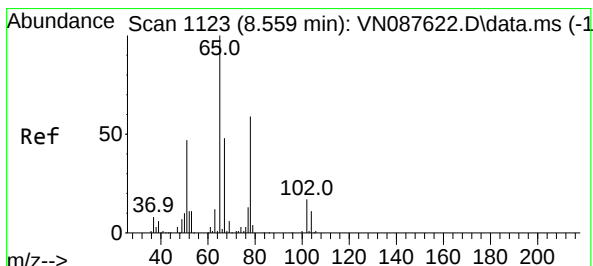
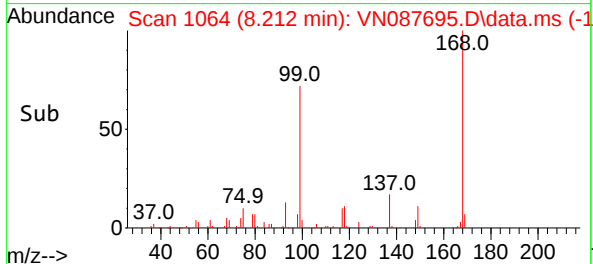
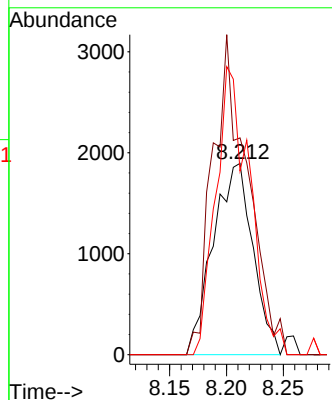
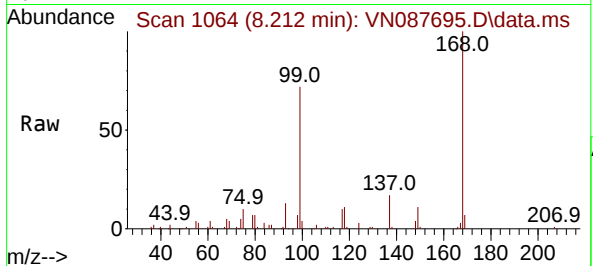




#31
Cyclohexane
Concen: 1.237 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

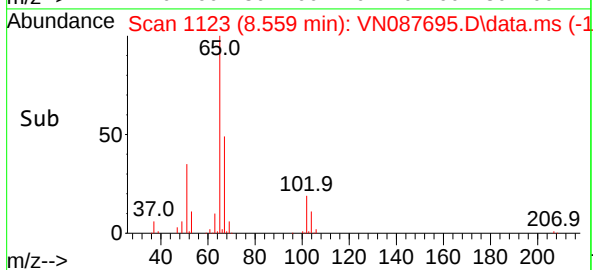
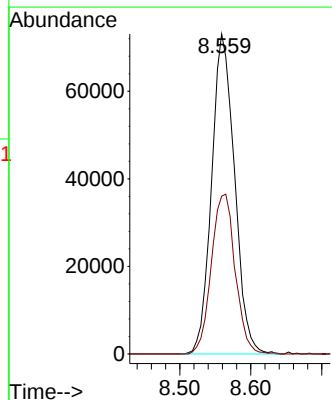
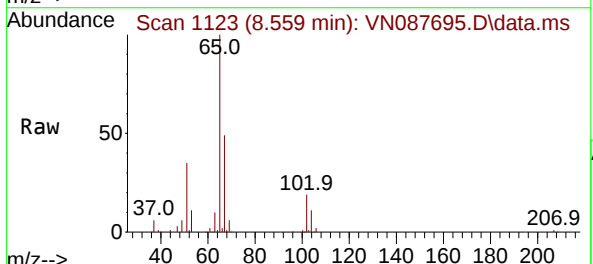
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

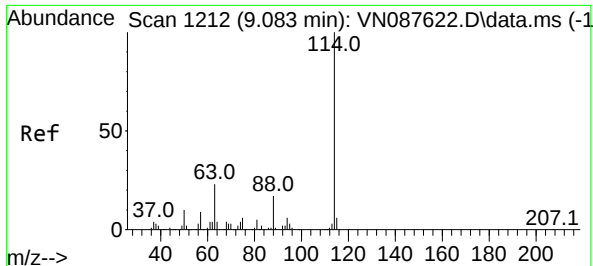
Tgt Ion: 56 Resp: 4614
Ion Ratio Lower Upper
56 100
69 113.3 23.7 35.5#
84 96.0 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 55.265 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 65 Resp: 163836
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0

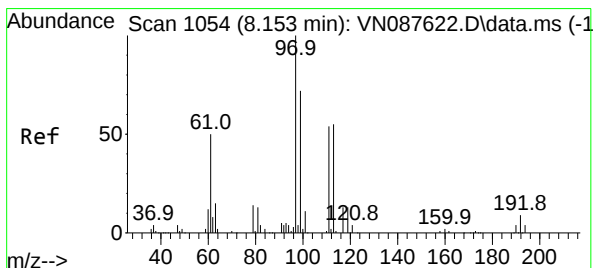
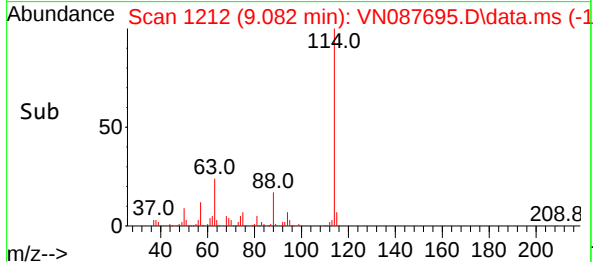
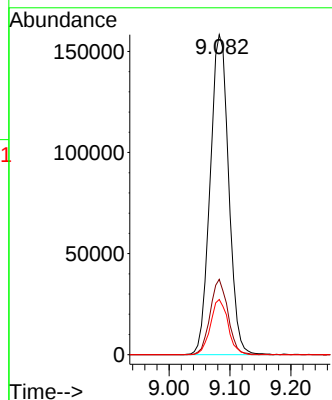
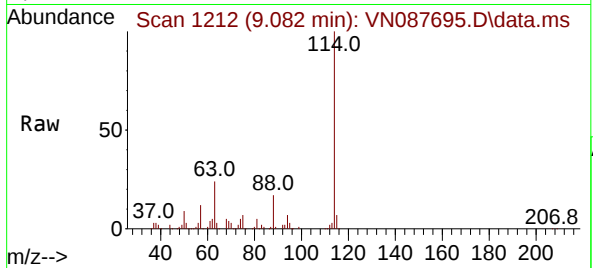




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

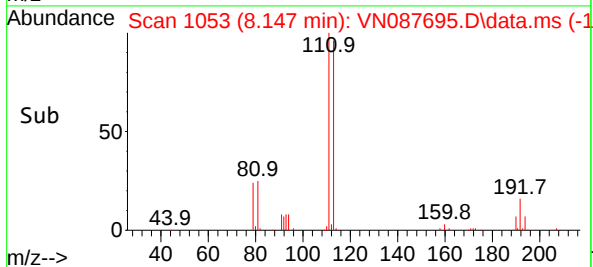
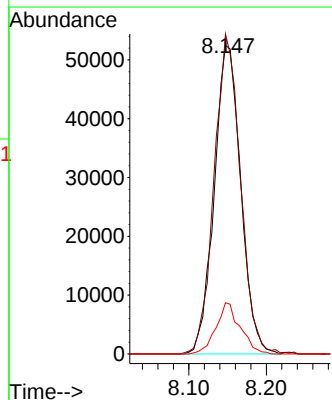
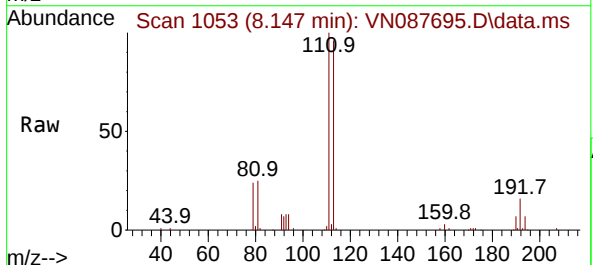
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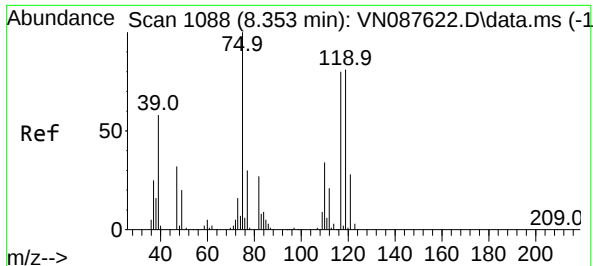
Tgt Ion:114 Resp: 334037
Ion Ratio Lower Upper
114 100
63 23.6 0.0 45.2
88 17.3 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.909 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion:113 Resp: 125190
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 15.1 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.863 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.141 min

Lab File: VN087695.D

Acq: 29 Aug 2025 13:03

Instrument :

MSVOA_N

ClientSampleId :

VN0829WBL01

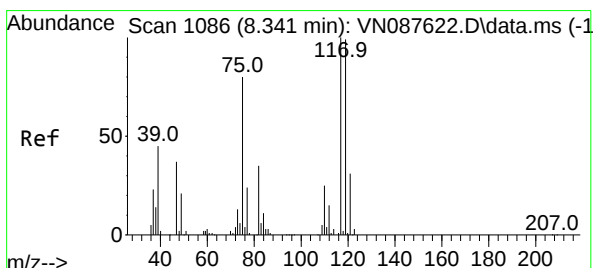
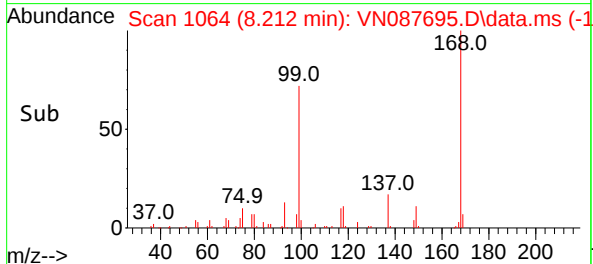
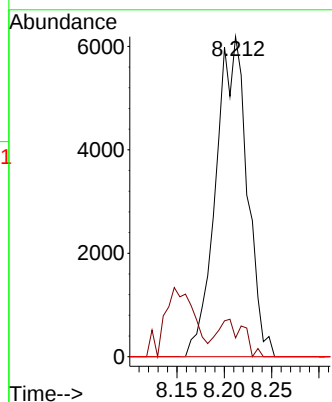
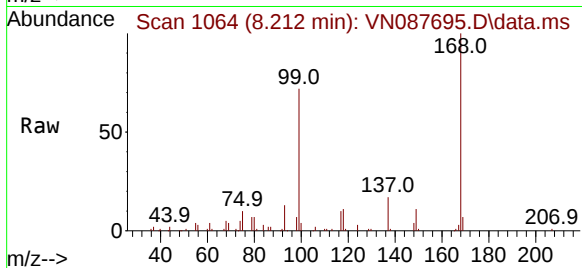
Tgt Ion: 75 Resp: 14291

Ion Ratio Lower Upper

75 100

110 9.8 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.590 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN087695.D

Acq: 29 Aug 2025 13:03

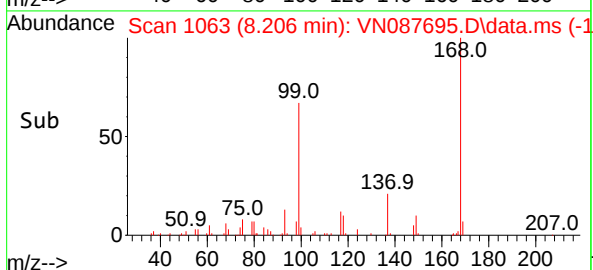
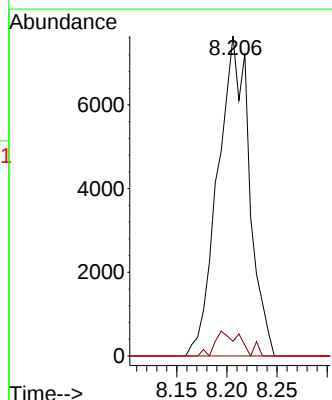
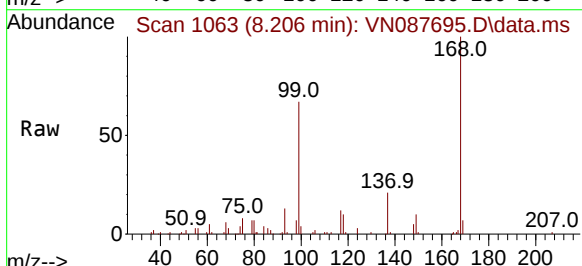
Tgt Ion: 117 Resp: 16769

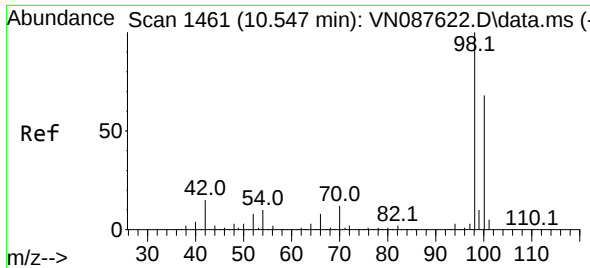
Ion Ratio Lower Upper

117 100

119 4.6 79.0 118.6#

121 0.0 25.0 37.6#

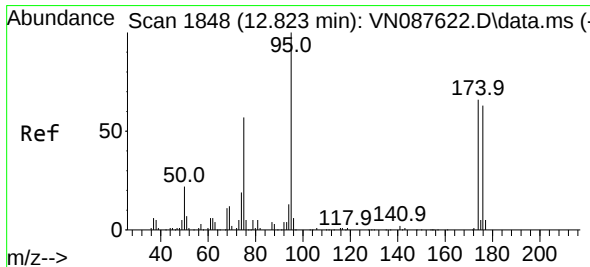
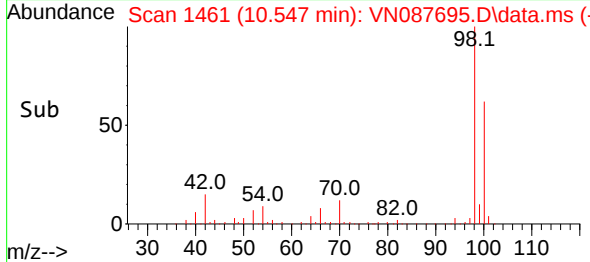
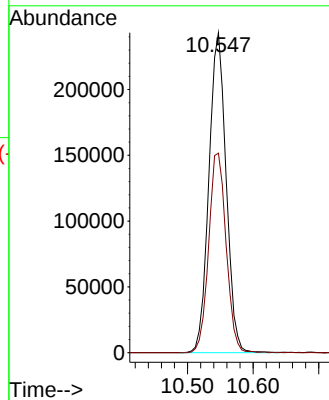
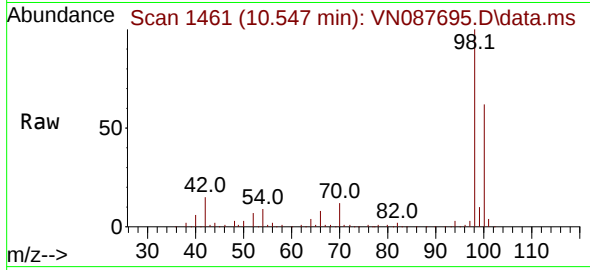




#50
Toluene-d8
Concen: 49.188 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

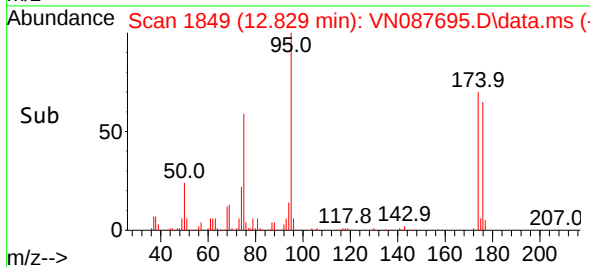
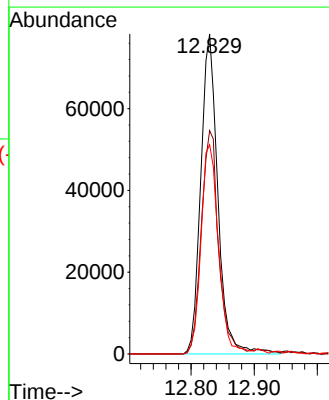
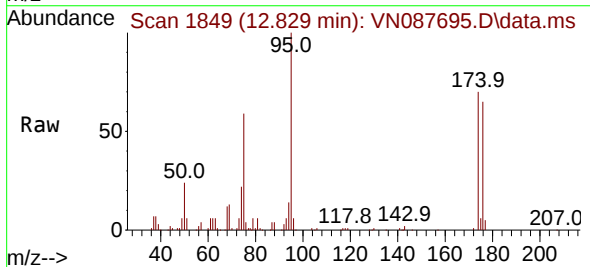
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

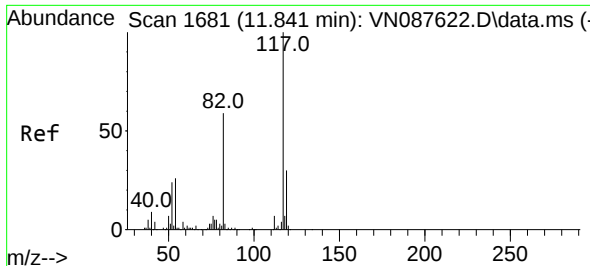
Tgt Ion: 98 Resp: 444009
Ion Ratio Lower Upper
98 100
100 63.2 52.8 79.2



#62
4-Bromofluorobenzene
Concen: 45.745 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion: 95 Resp: 146849
Ion Ratio Lower Upper
95 100
174 70.8 0.0 138.4
176 67.0 0.0 132.6

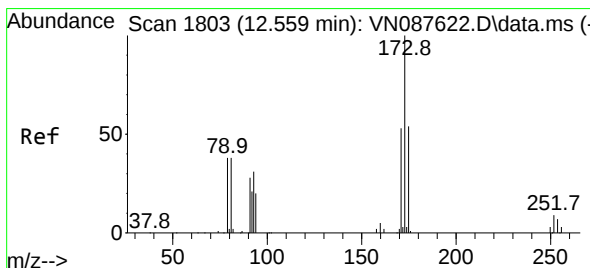
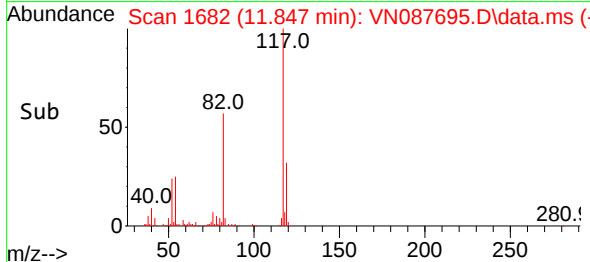
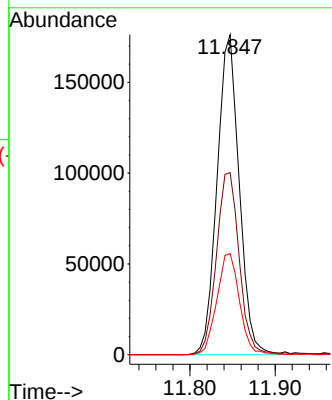
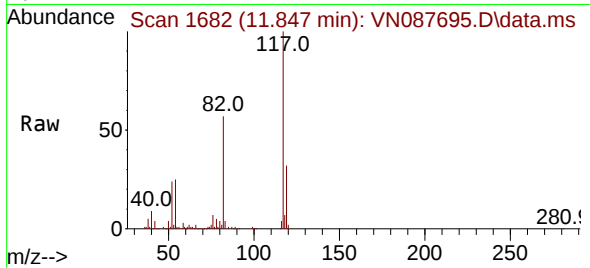




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117569
Delta R.T. 0.006 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

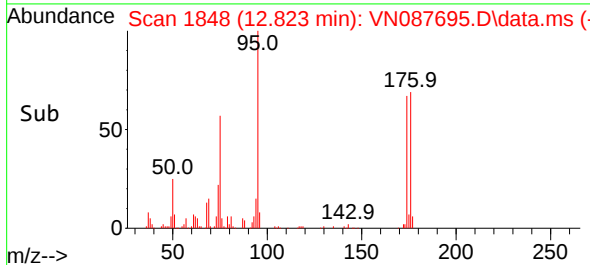
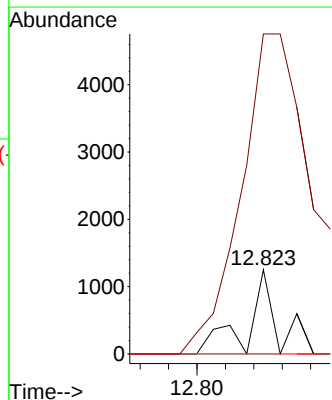
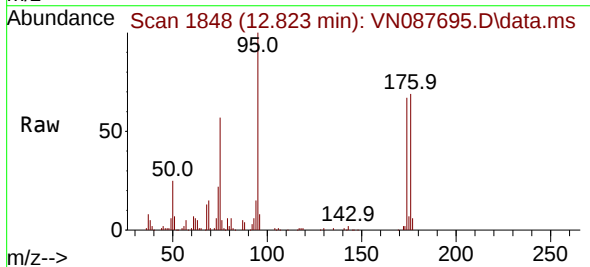
Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

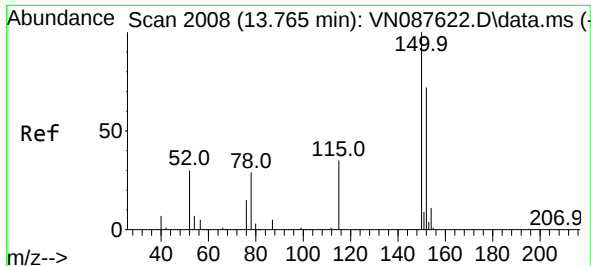
Tgt Ion	Ratio	Lower	Upper
117	100		
82	56.9	47.4	71.2
119	31.6	24.3	36.5



#71
Bromoform
Concen: 0.358 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.265 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Tgt Ion	Ratio	Lower	Upper
173	100		
175	905.1	24.9	74.6#
254	0.0	0.1	0.1#

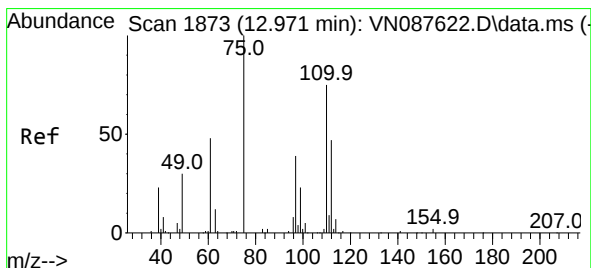
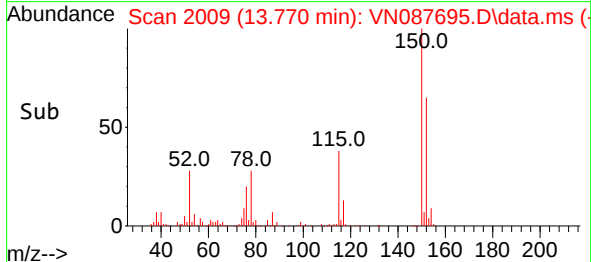
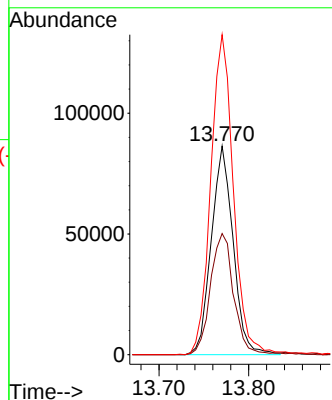
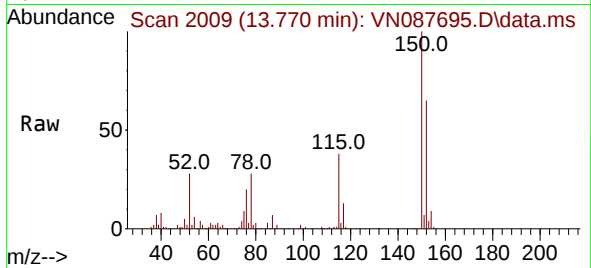




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 20
 Delta R.T. 0.006 min
 Lab File: VN087695.D
 Acq: 29 Aug 2025 13:03

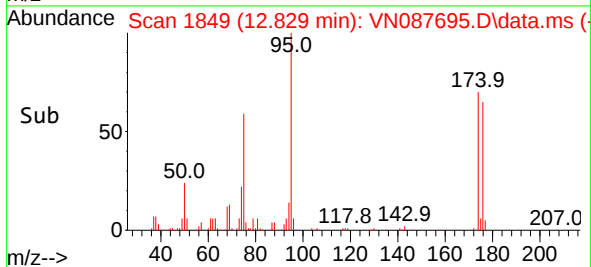
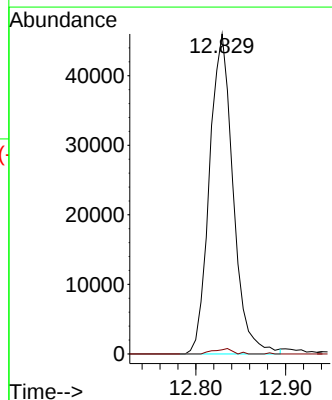
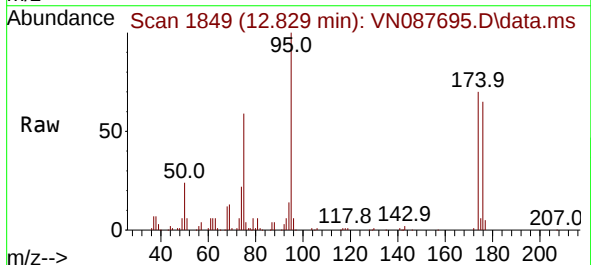
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0829WBL01

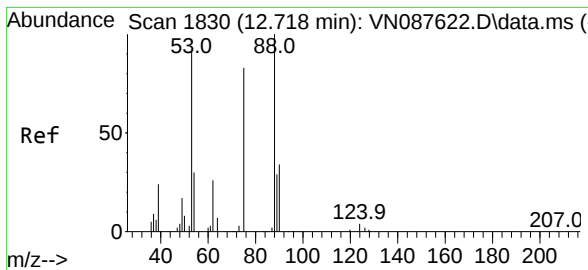
Tgt Ion:152 Resp: 146224
 Ion Ratio Lower Upper
 152 100
 115 62.0 32.3 96.8
 150 159.7 0.0 351.0



#76
 1,2,3-Trichloropropane
 Concen: 24.553 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN087695.D
 Acq: 29 Aug 2025 13:03

Tgt Ion: 75 Resp: 84192
 Ion Ratio Lower Upper
 75 100
 77 1.4 89.1 267.4#





#81
trans-1,4-Dichloro-2-butene
Concen: 65.001 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087695.D
Acq: 29 Aug 2025 13:03

Instrument :
MSVOA_N
ClientSampleId :
VN0829WBL01

Tgt Ion: 75 Resp: 84192
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#

