

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
 Data File : VN087986.D
 Acq On : 29 Sep 2025 16:33
 Operator : JC\MD
 Sample : IBLK
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Quant Time: Sep 30 03:58:03 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092325W.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 24 05:05:30 2025
 Response via : Initial Calibration

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

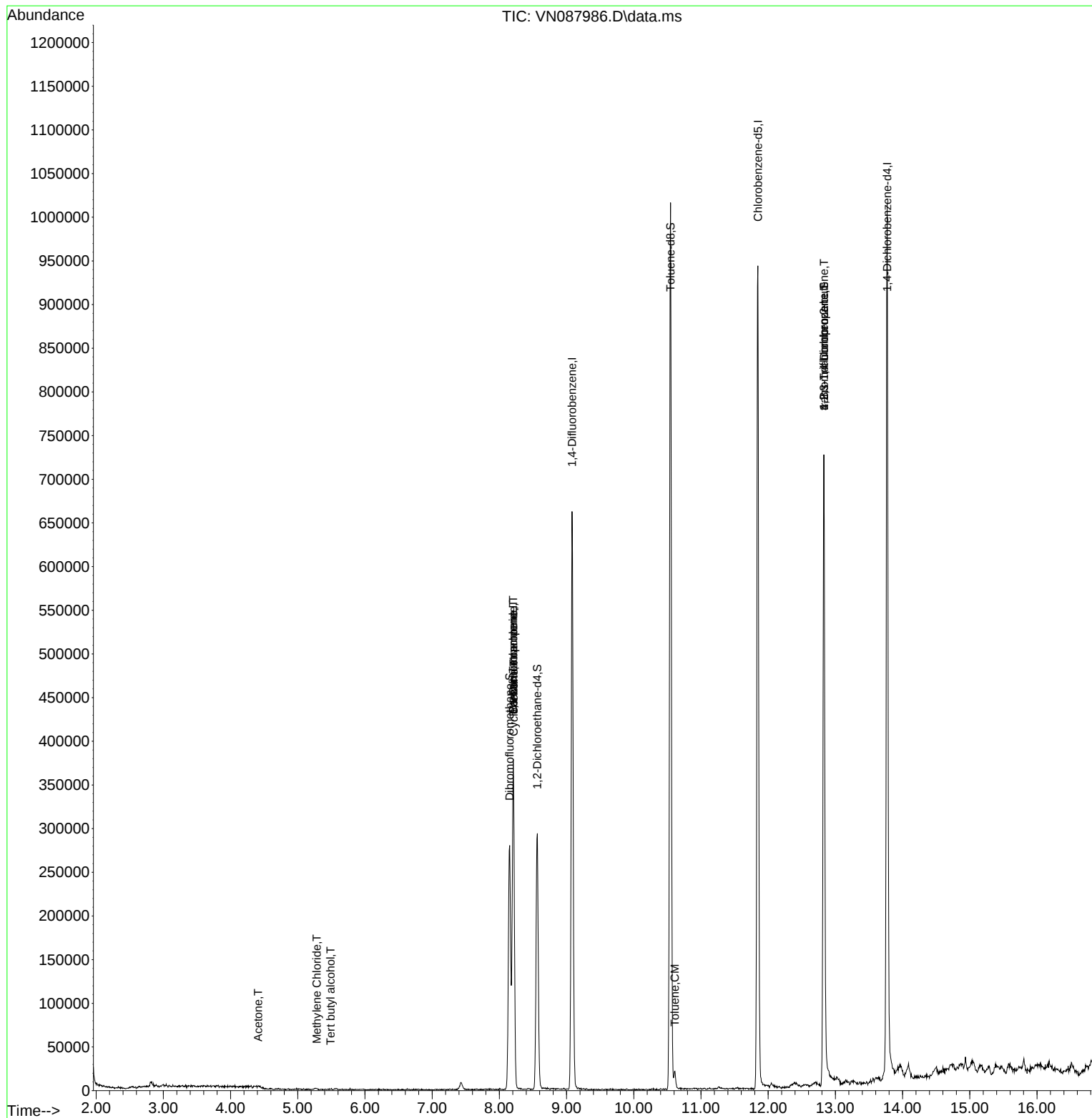
Internal Standards						
1) Pentafluorobenzene	8.206	168	261851	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	563431	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	538421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	275952	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	242192	54.959	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 109.920%	
35) Dibromofluoromethane	8.153	113	200600	49.037	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 98.080%	
50) Toluene-d8	10.547	98	692646	48.148	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 96.300%	
62) 4-Bromofluorobenzene	12.829	95	254381	49.470	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 98.940%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.489	59	159	0.251	ug/l #	71
16) Acetone	4.412	43	758	0.418	ug/l #	45
20) Methylene Chloride	5.283	84	753	0.205	ug/l #	45
31) Cyclohexane	8.212	56	6895	1.395	ug/l #	38
36) 1,1-Dichloropropene	8.206	75	21785	4.429	ug/l #	51
38) Carbon Tetrachloride	8.206	117	28400	5.031	ug/l #	18
52) Toluene	10.612	92	8007	0.783	ug/l	97
76) 1,2,3-Trichloropropane	12.829	75	142694	26.232	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	142694	72.843	ug/l #	9

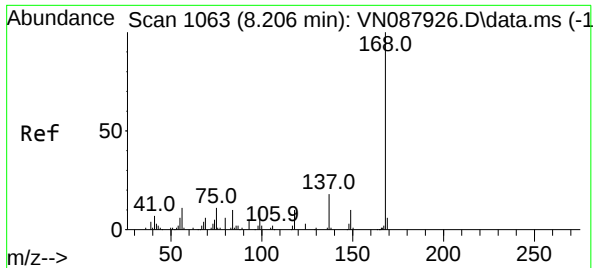
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN092925\
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Quant Title : SW846 8260
QLast Update : Wed Sep 24 05:05:30 2025
Response via : Initial Calibration

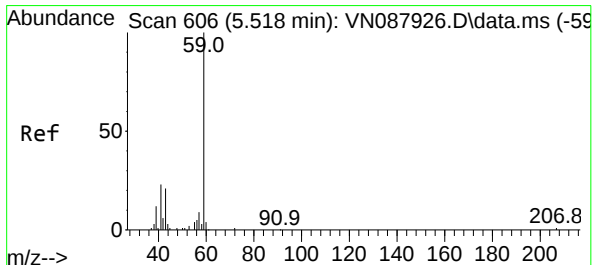
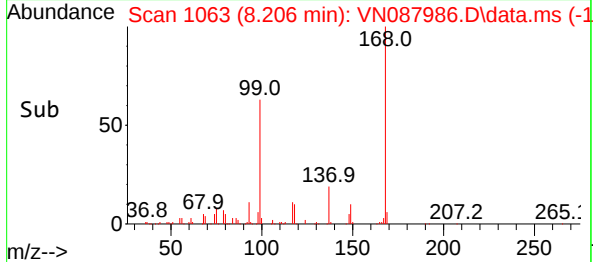
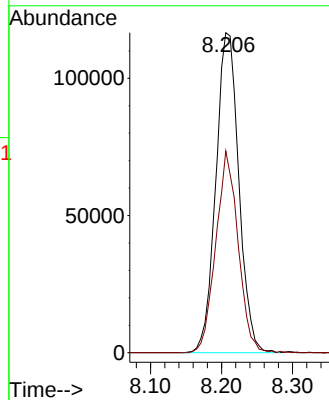
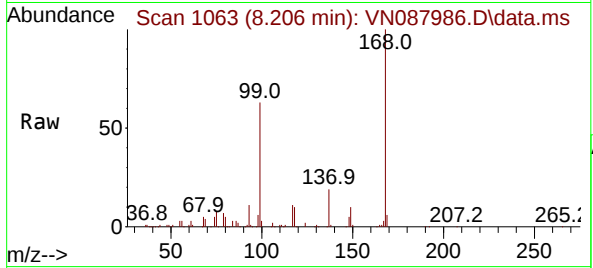




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

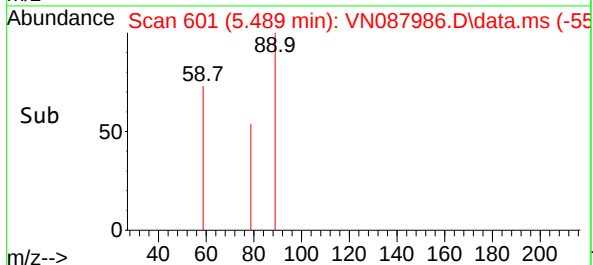
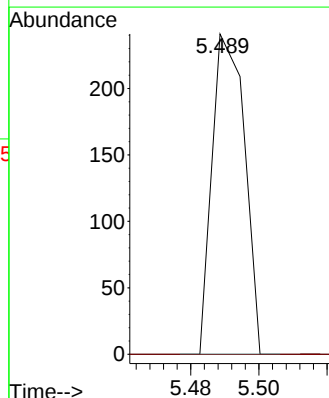
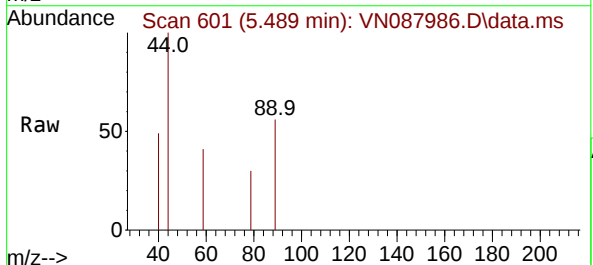
Instrument :
MSVOA_N
ClientSampleId :
IBLK

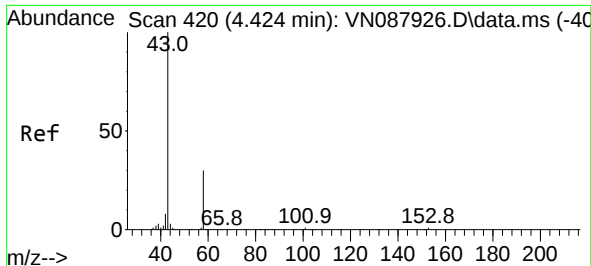
Tgt Ion:168 Resp: 261851
Ion Ratio Lower Upper
168 100
99 63.1 52.2 78.2



#11
Tert butyl alcohol
Concen: 0.251 ug/l
RT: 5.489 min Scan# 601
Delta R.T. -0.029 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

Tgt Ion: 59 Resp: 159
Ion Ratio Lower Upper
59 100
57 0.0 8.8 13.2#

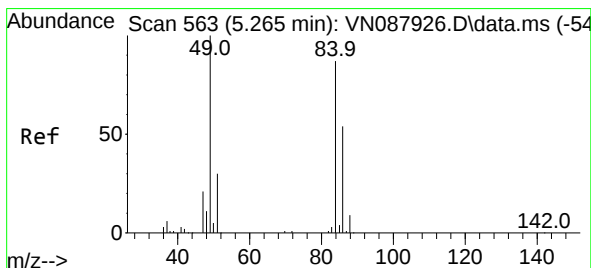
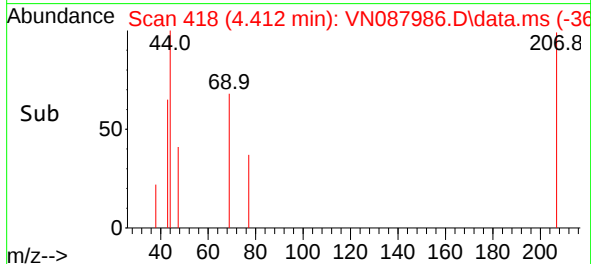
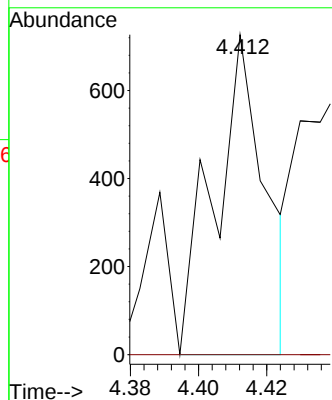
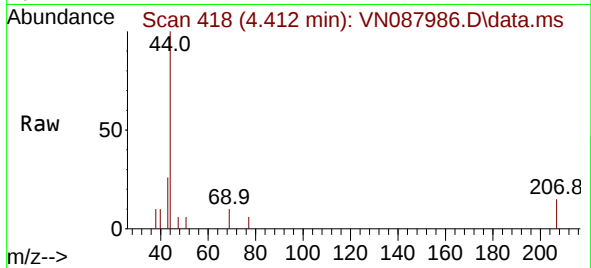




#16
Acetone
Concen: 0.418 ug/l
RT: 4.412 min Scan# 41
Delta R.T. -0.012 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

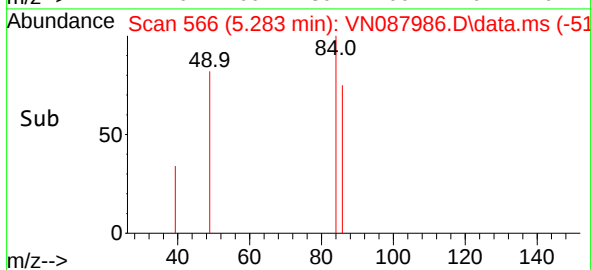
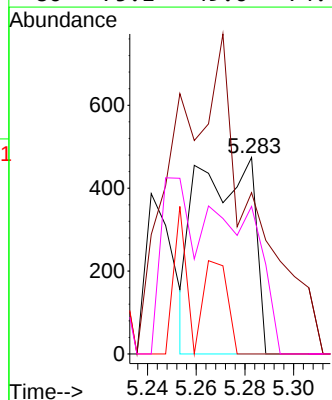
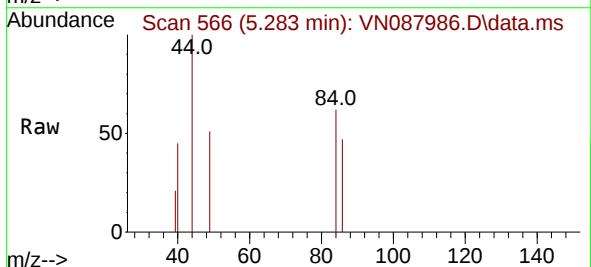
Instrument :
MSVOA_N
ClientSampleId :
IBLK

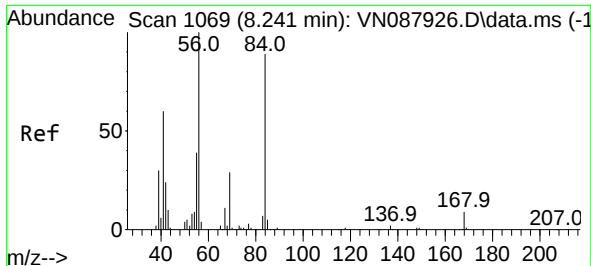
Tgt Ion: 43 Resp: 758
Ion Ratio Lower Upper
43 100
58 0.0 24.1 36.1#



#20
Methylene Chloride
Concen: 0.205 ug/l
RT: 5.283 min Scan# 566
Delta R.T. 0.018 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

Tgt Ion: 84 Resp: 753
Ion Ratio Lower Upper
84 100
49 34.8 92.1 138.1#
51 0.0 27.7 41.5#
86 75.1 49.6 74.4#

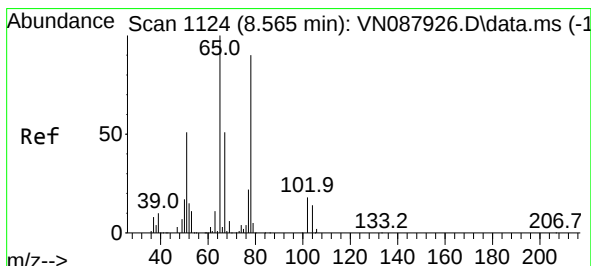
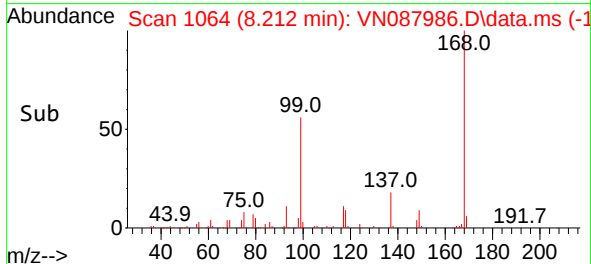
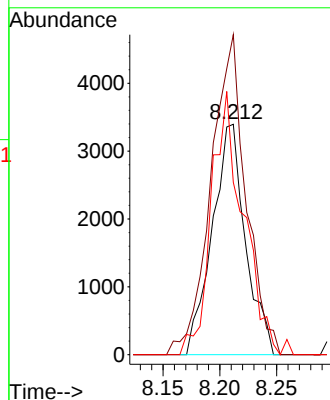
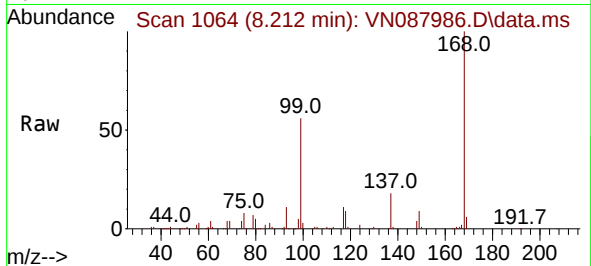




#31
Cyclohexane
Concen: 1.395 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

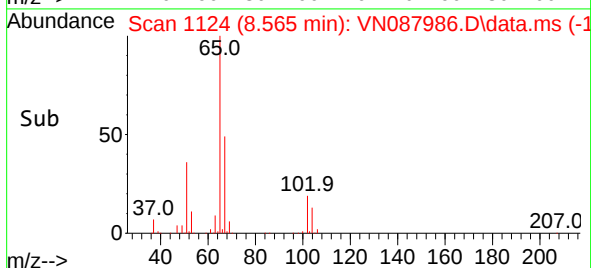
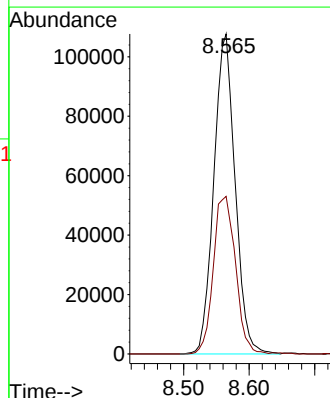
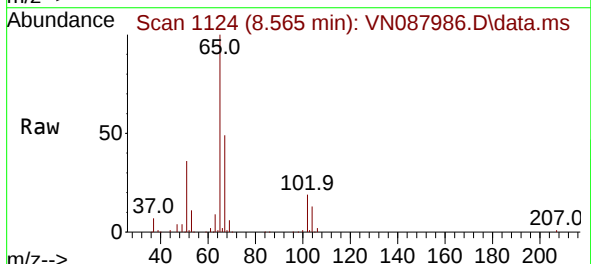
Instrument :
MSVOA_N
ClientSampleId :
IBLK

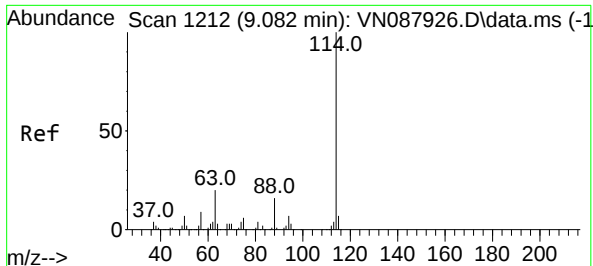
Tgt Ion: 56 Resp: 6895
Ion Ratio Lower Upper
56 100
69 138.9 23.4 35.0#
84 74.8 70.8 106.2



#33
1,2-Dichloroethane-d4
Concen: 54.959 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. -0.000 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

Tgt Ion: 65 Resp: 242192
Ion Ratio Lower Upper
65 100
67 51.3 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087986.D

Acq: 29 Sep 2025 16:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

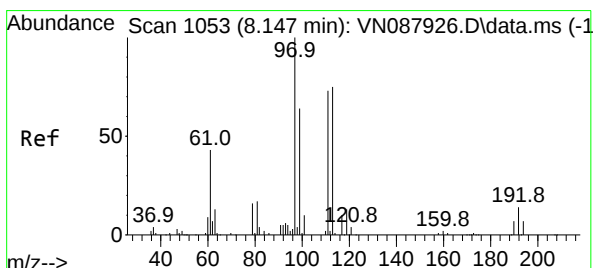
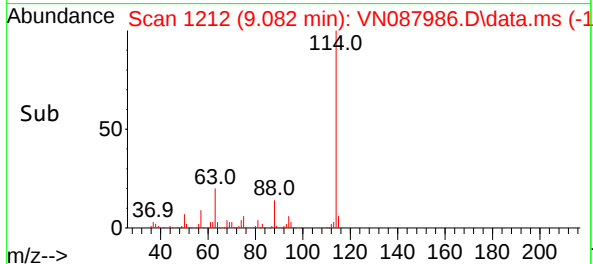
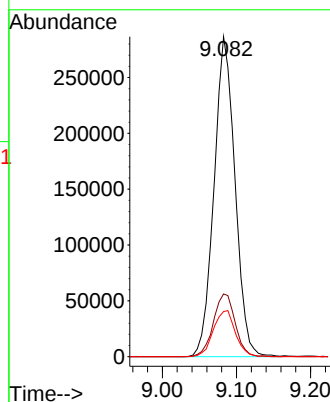
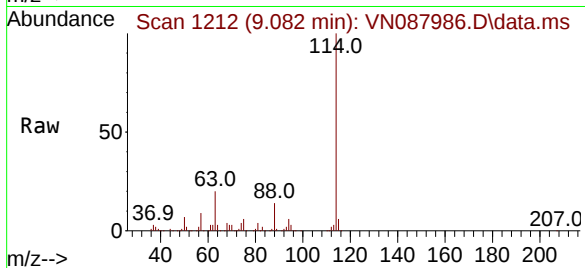
Tgt Ion:114 Resp: 563431

Ion Ratio Lower Upper

114 100

63 19.6 0.0 40.0

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.037 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087986.D

Acq: 29 Sep 2025 16:33

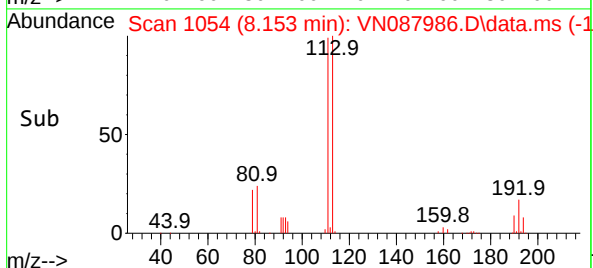
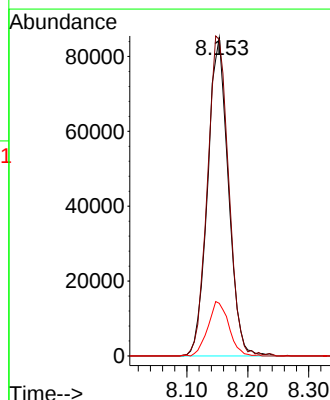
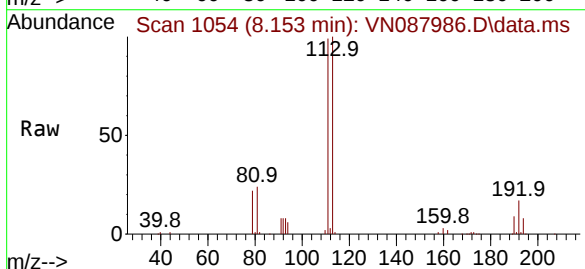
Tgt Ion:113 Resp: 200600

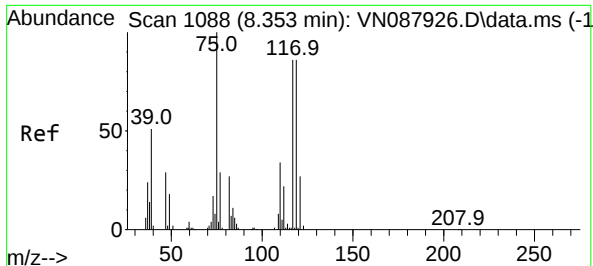
Ion Ratio Lower Upper

113 100

111 103.3 82.2 123.2

192 17.4 14.2 21.2





#36

1,1-Dichloropropene

Concen: 4.429 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087986.D

Acq: 29 Sep 2025 16:33

Instrument :

MSVOA_N

ClientSampleId :

IBLK

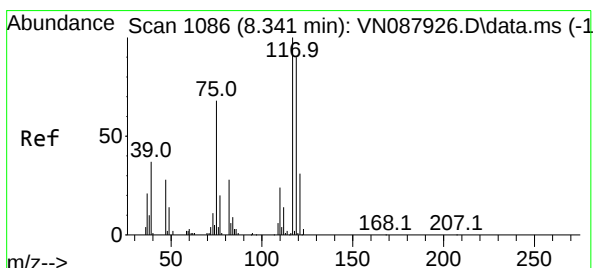
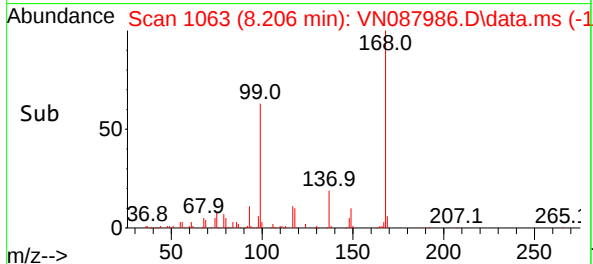
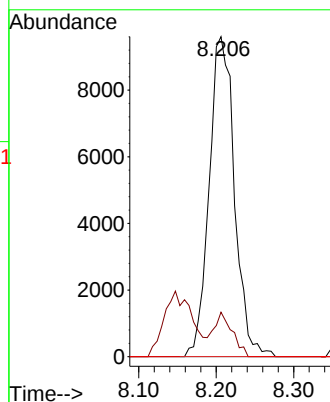
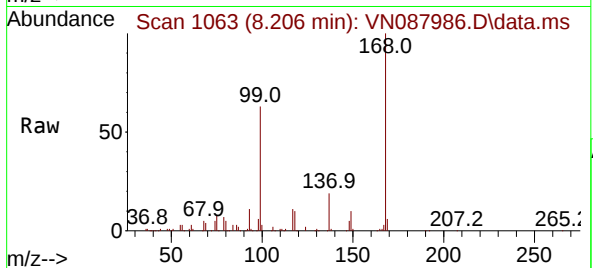
Tgt Ion: 75 Resp: 21785

Ion Ratio Lower Upper

75 100

110 10.1 17.1 51.3#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 5.031 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN087986.D

Acq: 29 Sep 2025 16:33

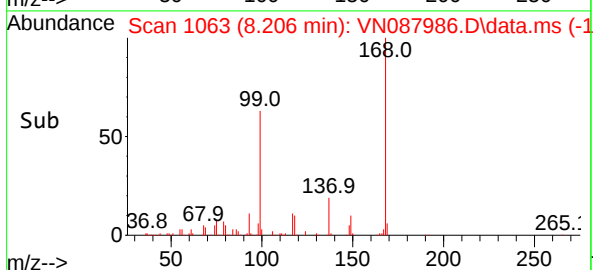
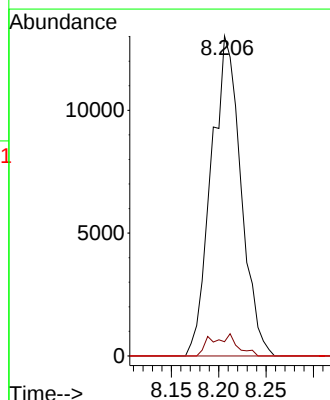
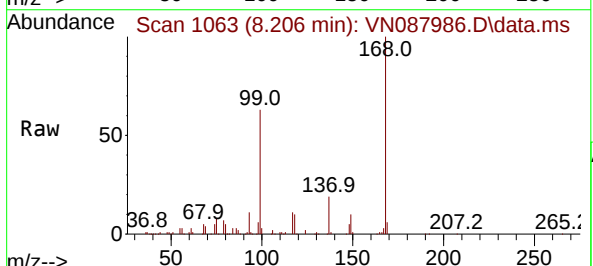
Tgt Ion: 117 Resp: 28400

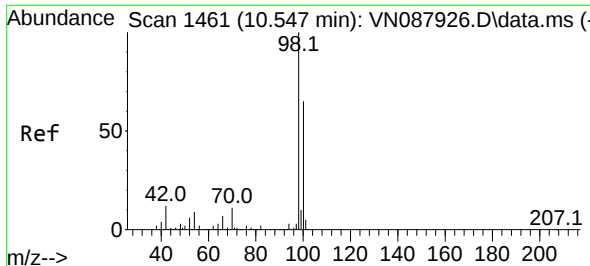
Ion Ratio Lower Upper

117 100

119 4.4 72.1 108.1#

121 0.0 24.6 36.8#

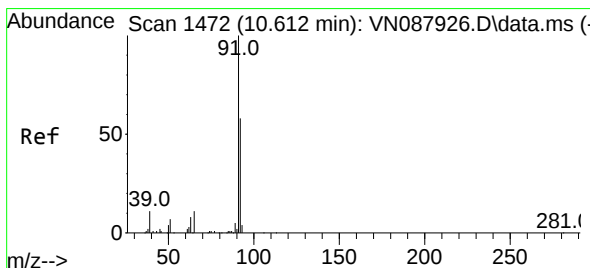
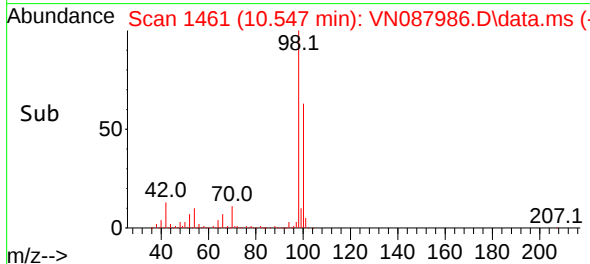
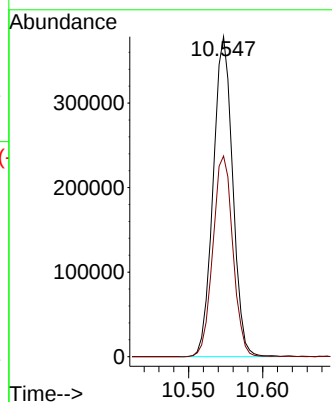
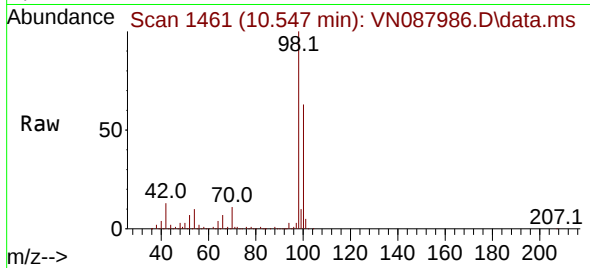




#50
Toluene-d8
Concen: 48.148 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

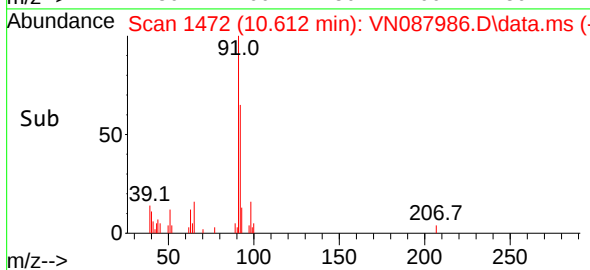
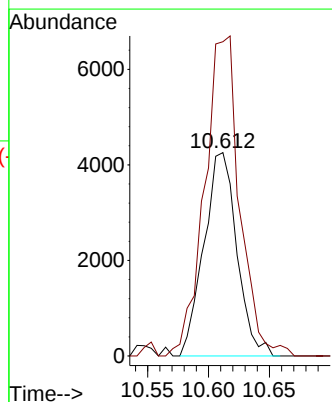
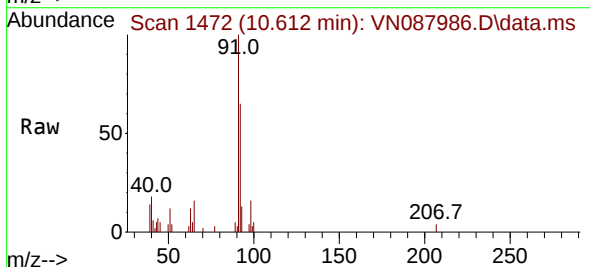
Instrument :
MSVOA_N
ClientSampleId :
IBLK

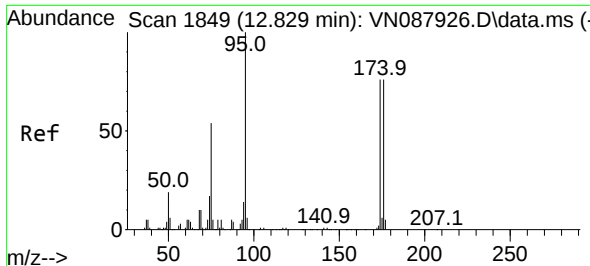
Tgt Ion: 98 Resp: 692646
Ion Ratio Lower Upper
98 100
100 64.1 51.7 77.5



#52
Toluene
Concen: 0.783 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

Tgt Ion: 92 Resp: 8007
Ion Ratio Lower Upper
92 100
91 168.3 138.2 207.2

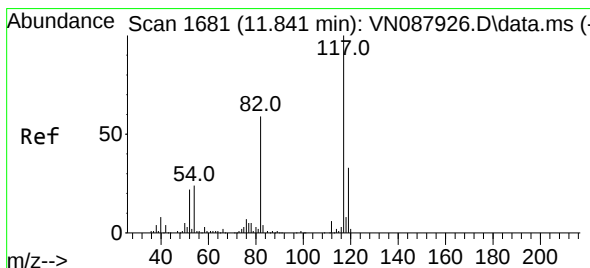
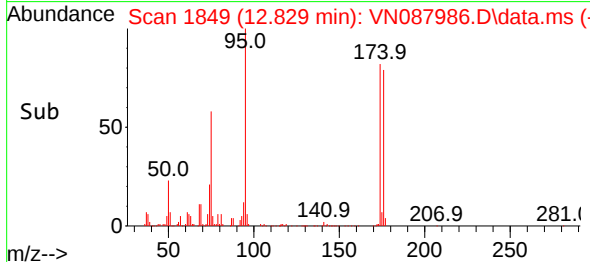
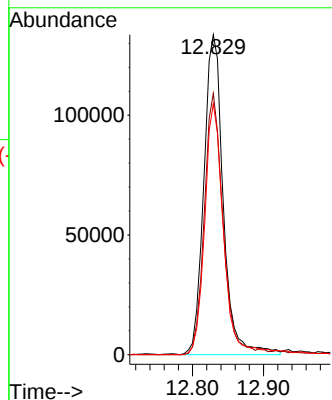
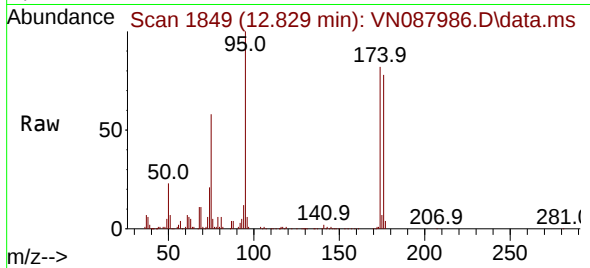




#62
4-Bromofluorobenzene
Concen: 49.470 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.000 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

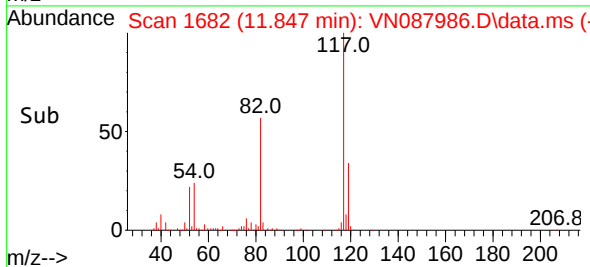
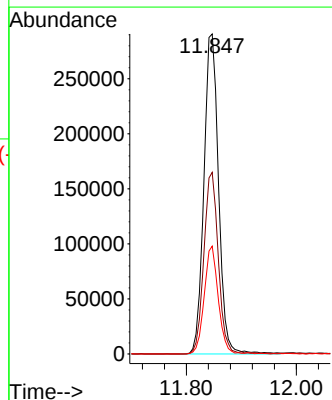
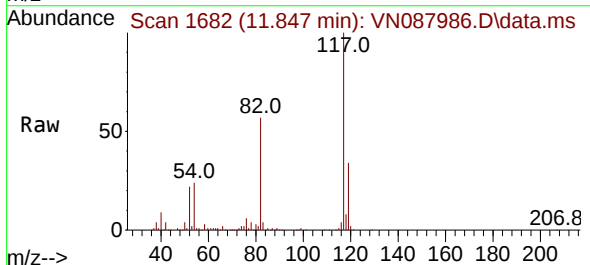
Instrument :
MSVOA_N
ClientSampleId :
IBLK

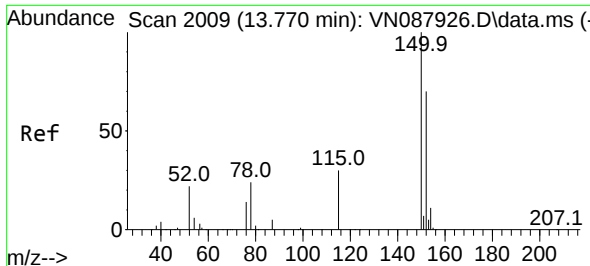
Tgt Ion: 95 Resp: 254381
Ion Ratio Lower Upper
95 100
174 79.2 0.0 159.2
176 77.4 0.0 152.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087986.D
Acq: 29 Sep 2025 16:33

Tgt Ion: 117 Resp: 538421
Ion Ratio Lower Upper
117 100
82 56.8 47.0 70.4
119 33.7 26.1 39.1

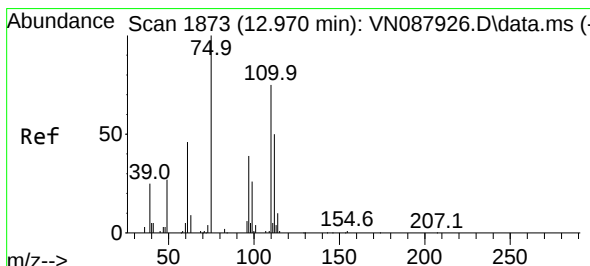
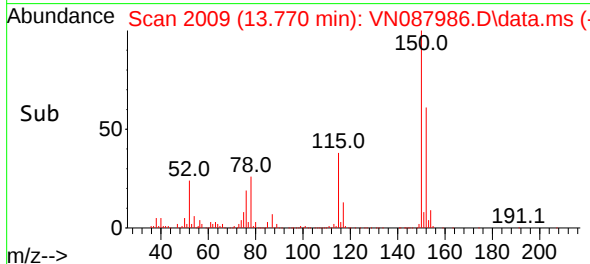
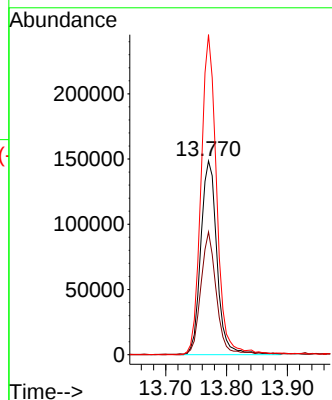
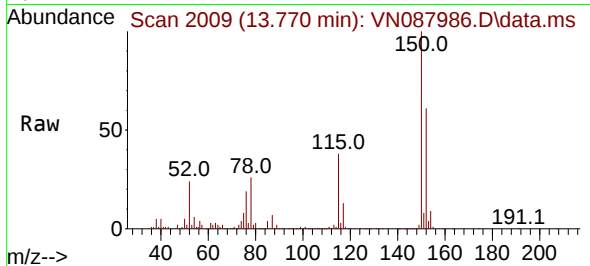




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. -0.000 min
 Lab File: VN087986.D
 Acq: 29 Sep 2025 16:33

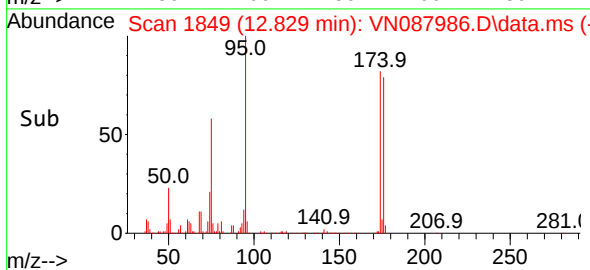
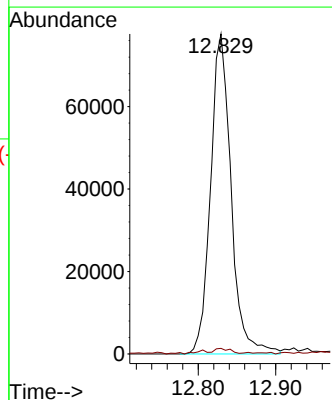
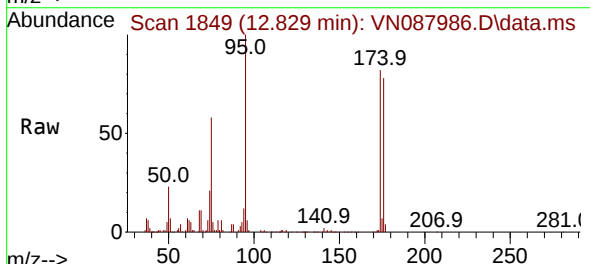
Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

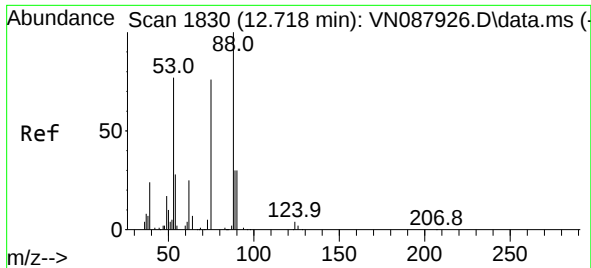
Tgt Ion:152 Resp: 275952
 Ion Ratio Lower Upper
 152 100
 115 60.0 29.9 89.7
 150 158.6 0.0 335.0



#76
 1,2,3-Trichloropropane
 Concen: 26.232 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. -0.141 min
 Lab File: VN087986.D
 Acq: 29 Sep 2025 16:33

Tgt Ion: 75 Resp: 142694
 Ion Ratio Lower Upper
 75 100
 77 1.3 89.5 268.5#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 72.843 ug/l
 RT: 12.829 min Scan# 11
 Delta R.T. 0.112 min
 Lab File: VN087986.D
 Acq: 29 Sep 2025 16:33

Instrument :
 MSVOA_N
 ClientSampleId :
 IBLK

Tgt Ion: 75 Resp: 142694
 Ion Ratio Lower Upper
 75 100
 53 0.0 82.0 123.0#
 89 0.2 36.1 54.1#

