

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
 Data File : VN088473.D
 Acq On : 09 Dec 2025 11:42
 Operator : JC\MD
 Sample : VN1209WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1209WBL01

Quant Time: Dec 10 05:04:14 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N112425W.M
 Quant Title : SW846 8260
 QLast Update : Tue Nov 25 01:34:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.200	168	208073	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	488259	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	472764	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.765	152	217362	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.553	65	231021	58.939	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	117.880%
35) Dibromofluoromethane	8.147	113	167553	49.519	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	99.040%
50) Toluene-d8	10.541	98	575329	45.698	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	91.400%
62) 4-Bromofluorobenzene	12.823	95	206590	47.825	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.640%

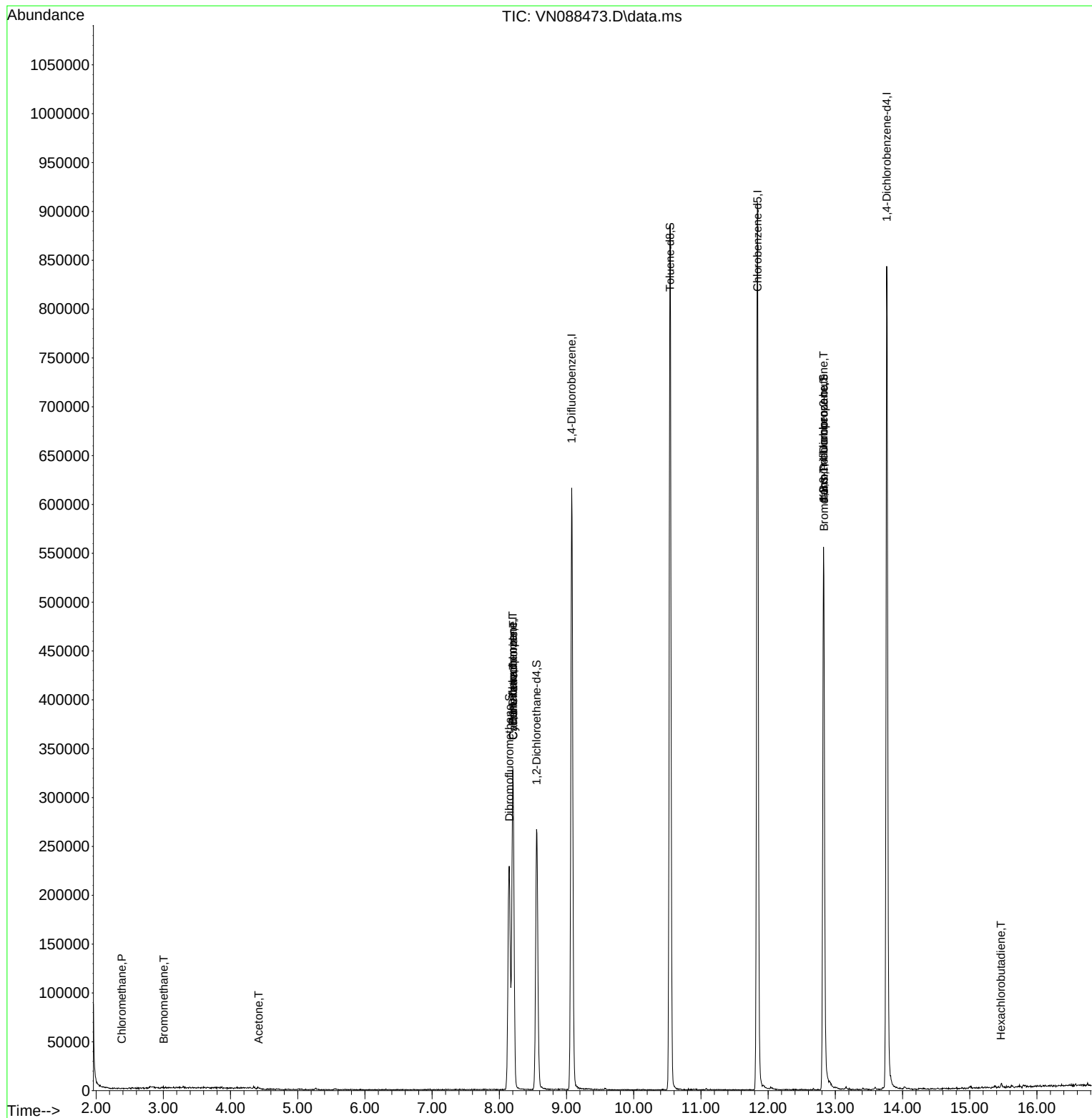
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
3) Chloromethane	2.383	50	709	0.211	ug/l #	43
5) Bromomethane	3.006	94	453	0.276	ug/l #	49
16) Acetone	4.418	43	2103	1.484	ug/l #	48
31) Cyclohexane	8.206	56	6908	1.340	ug/l #	13
36) 1,1-Dichloropropene	8.200	75	23731	4.544	ug/l #	50
38) Carbon Tetrachloride	8.206	117	25605	4.926	ug/l #	14
71) Bromoform	12.829	173	1872	0.714	ug/l #	1
76) 1,2,3-Trichloropropane	12.823	75	124994	24.552	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.823	75	124994	69.652	ug/l #	1
94) Hexachlorobutadiene	15.464	225	776	0.540	ug/l	91

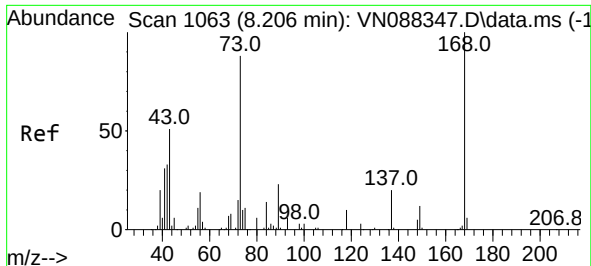
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120925\
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Quant Time: Dec 10 05:04:14 2025
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Quant Title : SW846 8260
QLast Update : Tue Nov 25 01:34:52 2025
Response via : Initial Calibration

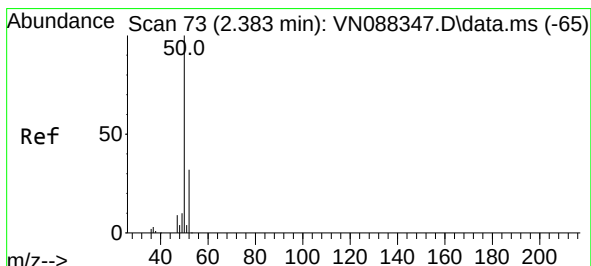
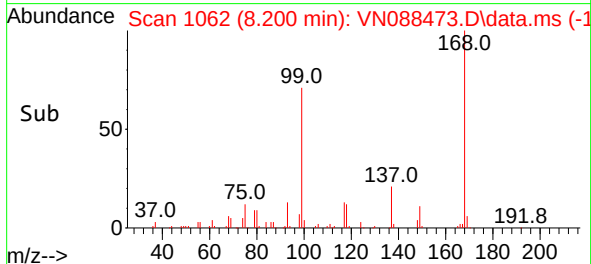
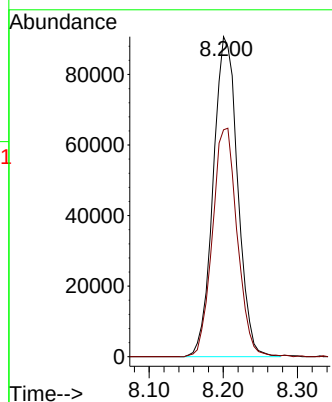
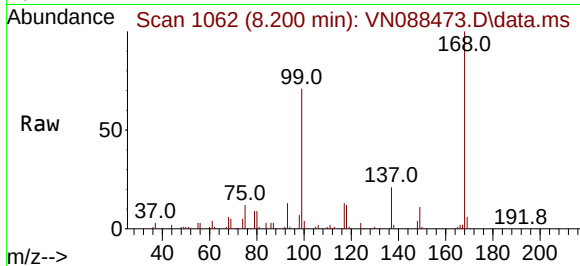




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

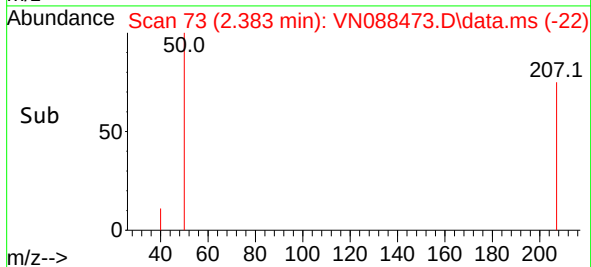
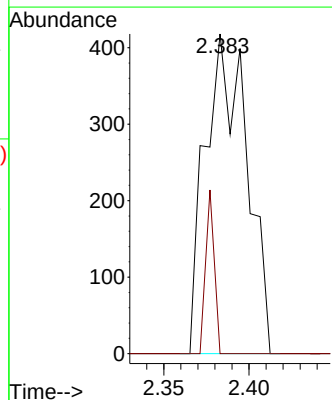
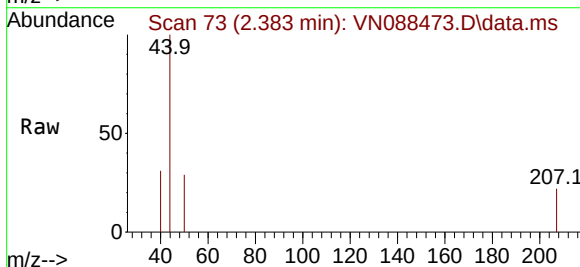
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

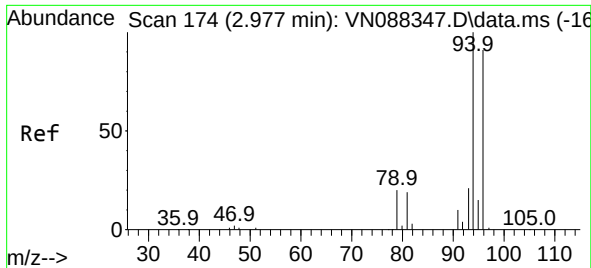
Tgt Ion:168 Resp: 208073
Ion Ratio Lower Upper
168 100
99 70.9 57.1 85.7



#3
Chloromethane
Concen: 0.211 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 50 Resp: 709
Ion Ratio Lower Upper
50 100
52 0.0 25.2 37.8#

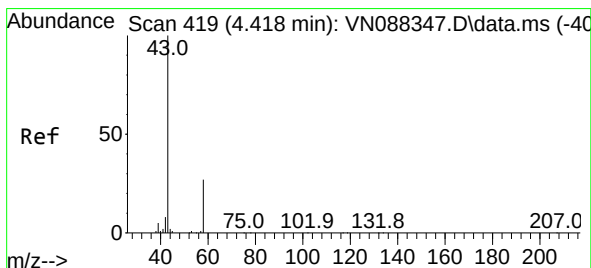
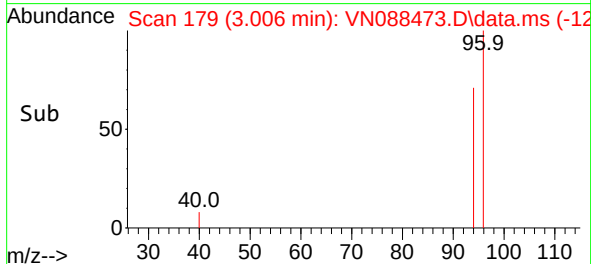
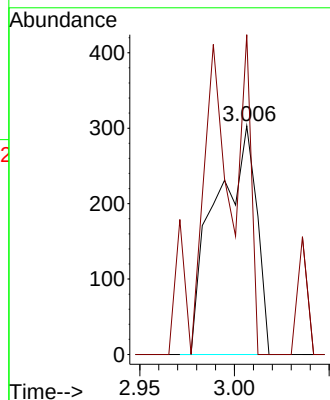
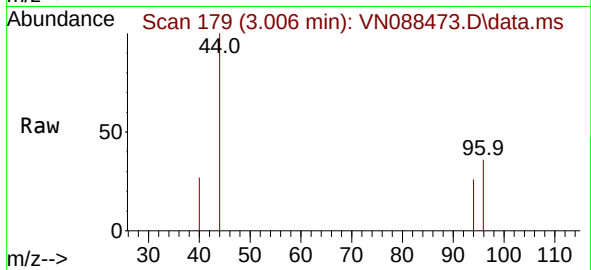




#5
Bromomethane
Concen: 0.276 ug/l
RT: 3.006 min Scan# 11
Delta R.T. 0.030 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

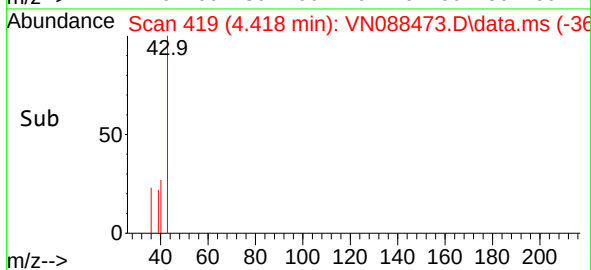
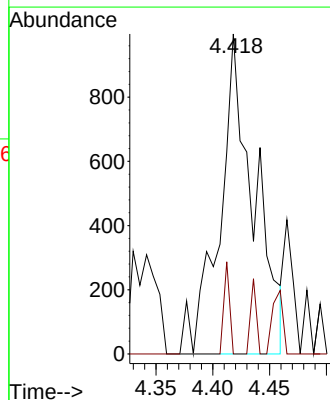
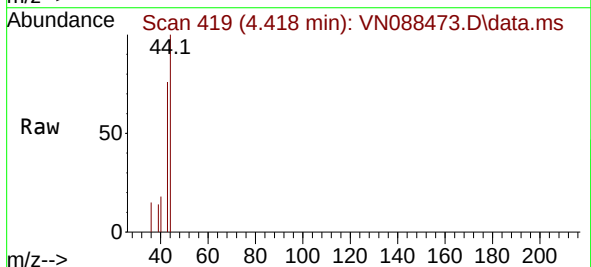
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

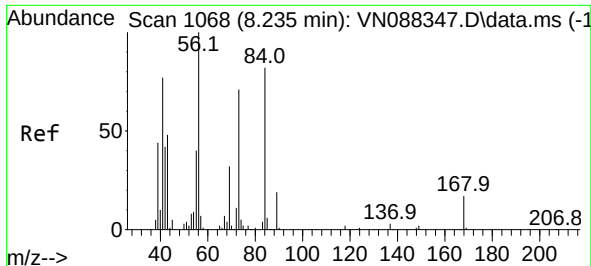
Tgt Ion: 94 Resp: 453
Ion Ratio Lower Upper
94 100
96 139.9 73.2 109.8#



#16
Acetone
Concen: 1.484 ug/l
RT: 4.418 min Scan# 419
Delta R.T. 0.000 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 43 Resp: 2103
Ion Ratio Lower Upper
43 100
58 0.0 21.7 32.5#

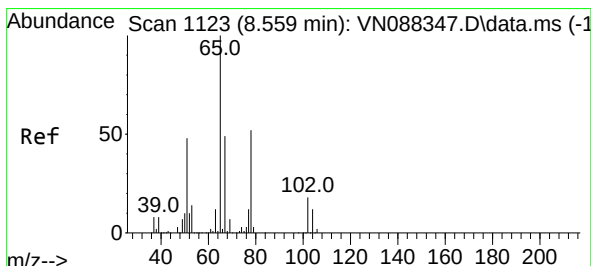
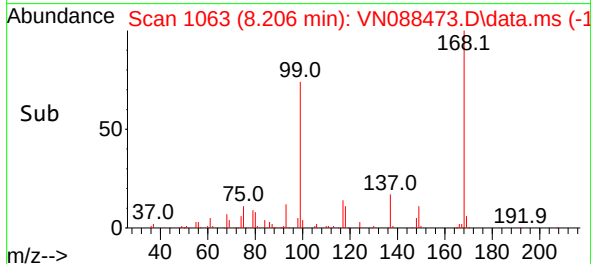
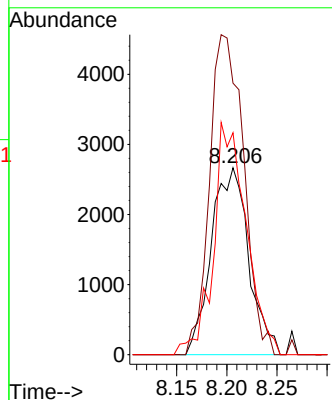
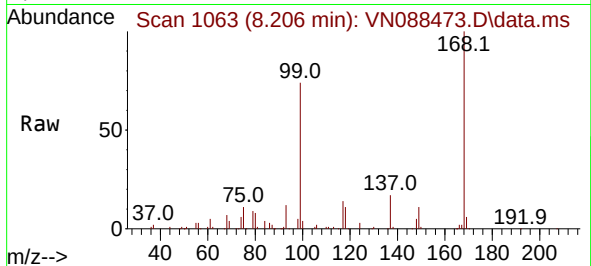




#31
Cyclohexane
Concen: 1.340 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

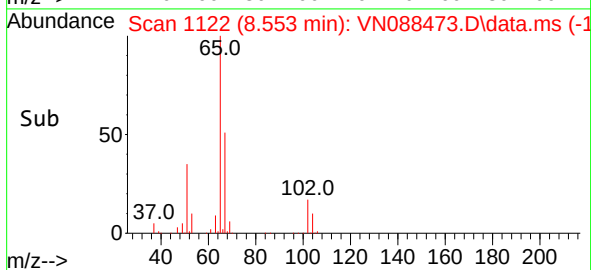
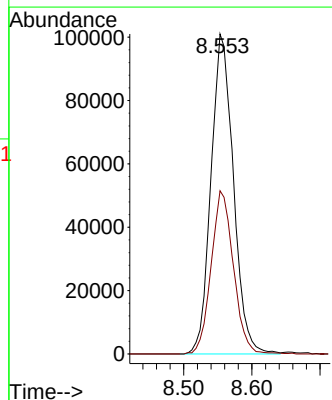
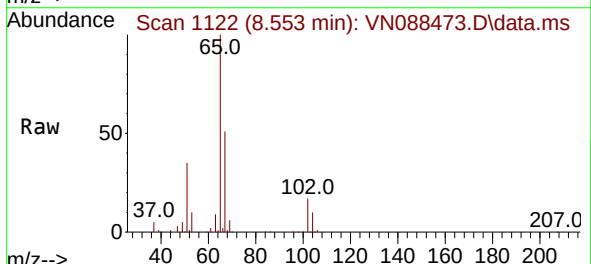
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

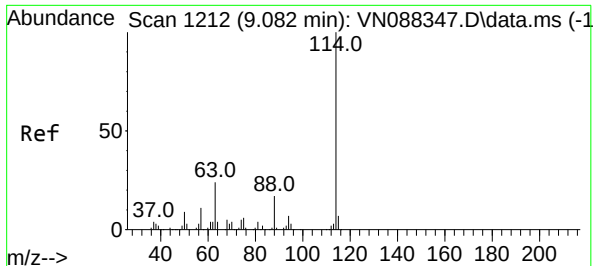
Tgt Ion: 56 Resp: 6908
Ion Ratio Lower Upper
56 100
69 145.3 25.3 37.9#
84 118.8 65.4 98.2#



#33
1,2-Dichloroethane-d4
Concen: 58.939 ug/l
RT: 8.553 min Scan# 1122
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 65 Resp: 231021
Ion Ratio Lower Upper
65 100
67 50.7 0.0 100.8

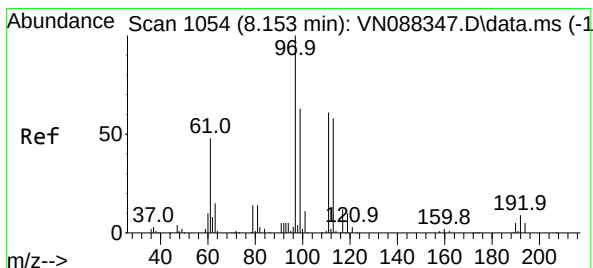
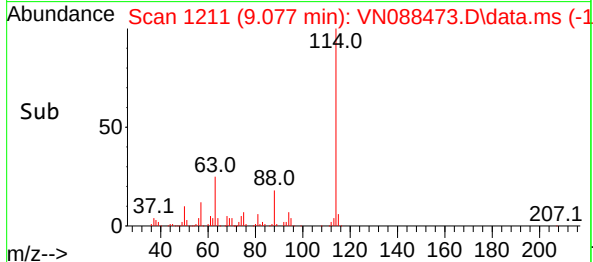
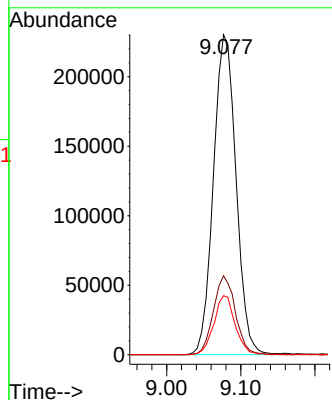
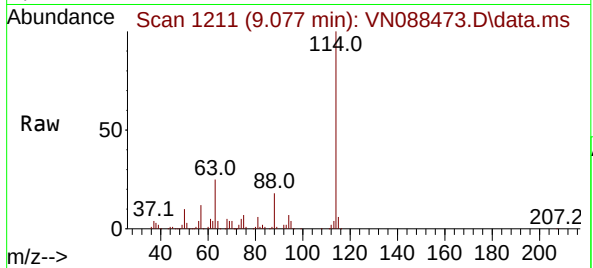




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.077 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: VN088473.D
 Acq: 09 Dec 2025 11:42

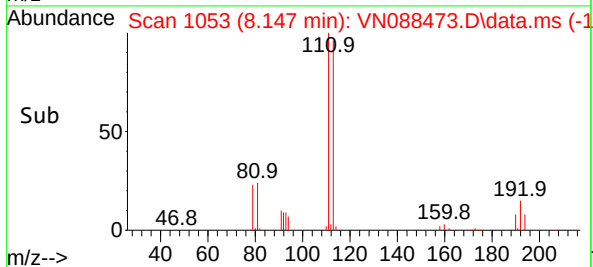
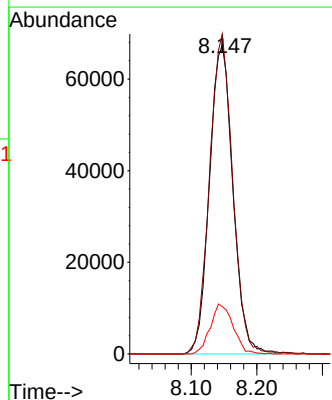
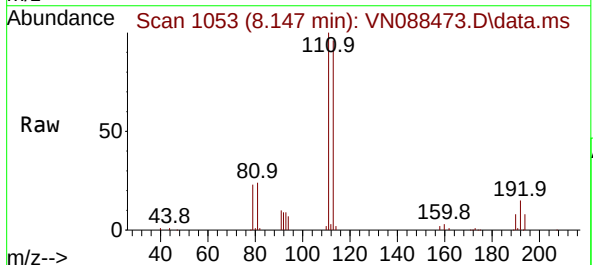
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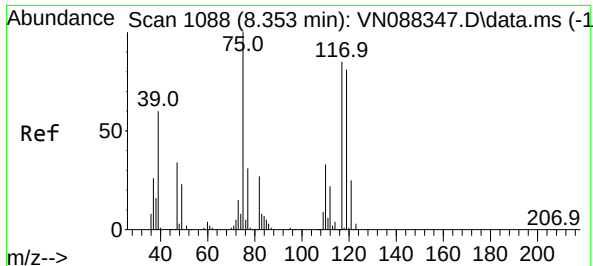
Tgt Ion:114 Resp: 488259
 Ion Ratio Lower Upper
 114 100
 63 24.7 0.0 49.0
 88 18.5 0.0 34.0



#35
 Dibromofluoromethane
 Concen: 49.519 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: VN088473.D
 Acq: 09 Dec 2025 11:42

Tgt Ion:113 Resp: 167553
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.5 123.7
 192 15.7 12.8 19.2

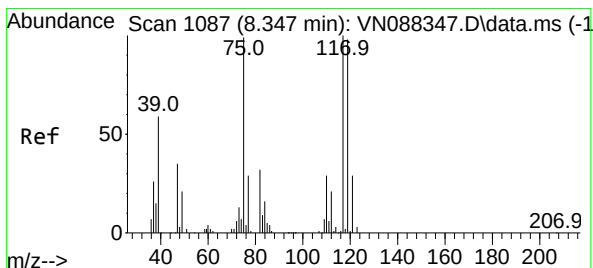
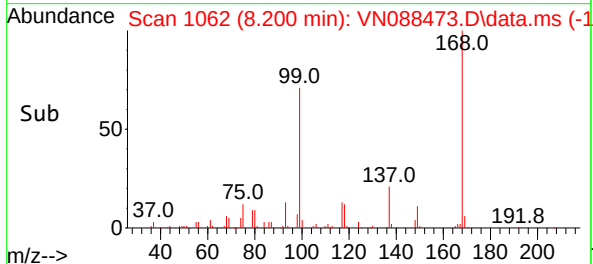
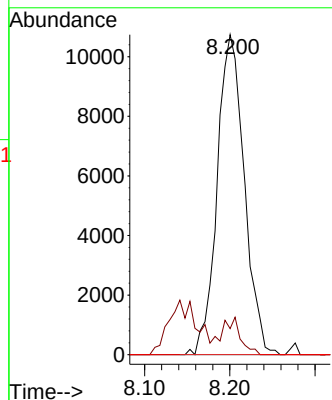
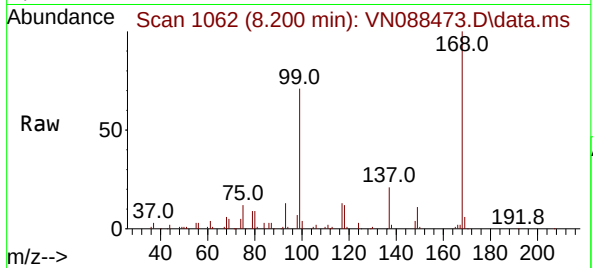




#36
1,1-Dichloropropene
Concen: 4.544 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.153 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

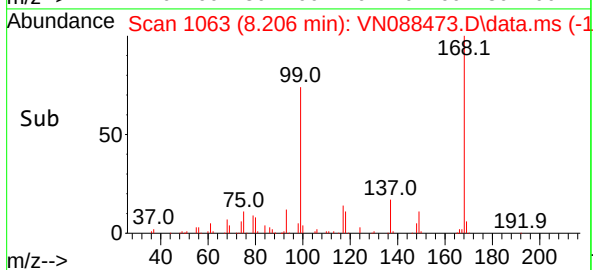
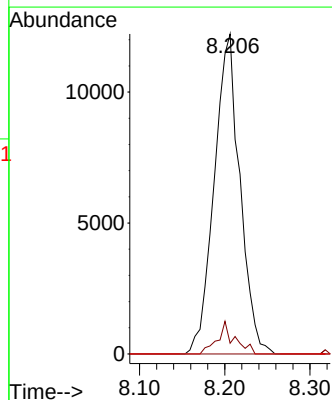
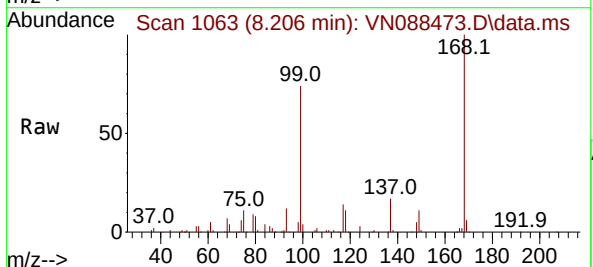
Instrument :
MSVOA_N
ClientSampleId :
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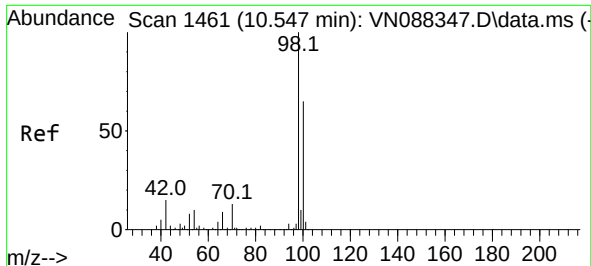
Tgt Ion: 75 Resp: 23731
Ion Ratio Lower Upper
75 100
110 6.7 15.8 47.4#
77 0.0 24.2 36.2#



#38
Carbon Tetrachloride
Concen: 4.926 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.141 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 117 Resp: 25605
Ion Ratio Lower Upper
117 100
119 3.4 78.2 117.4#
121 0.0 23.4 35.2#

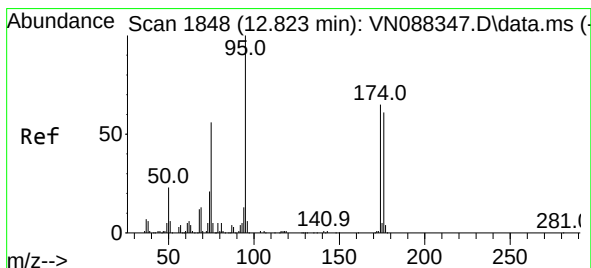
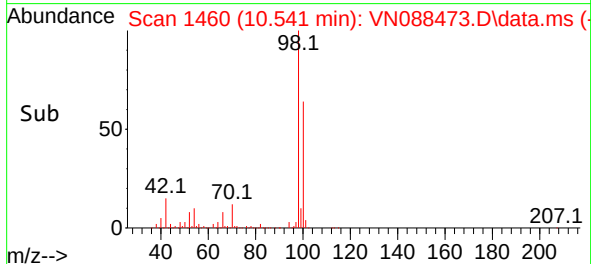
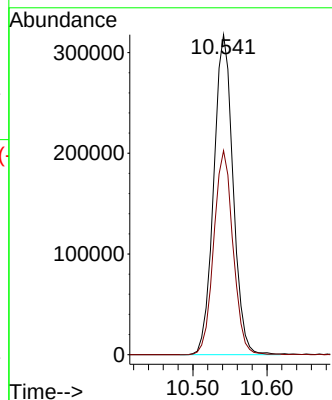
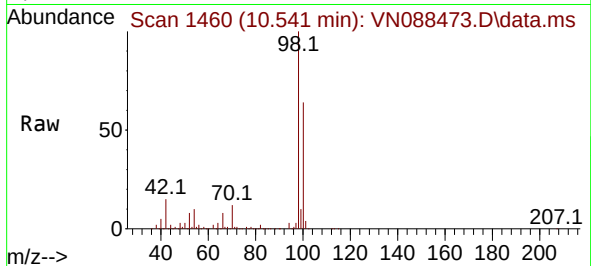




#50
Toluene-d8
Concen: 45.698 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

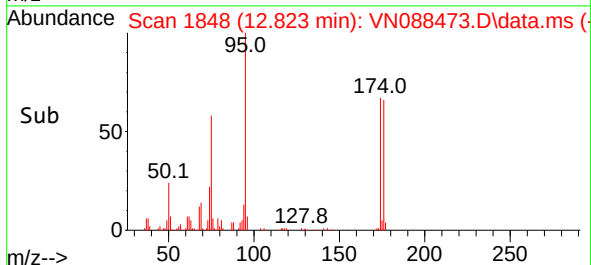
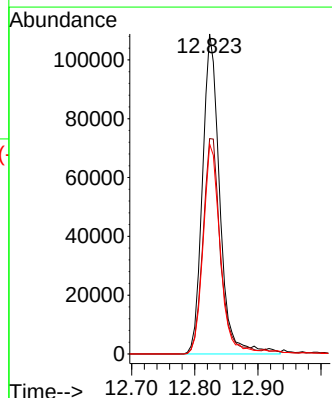
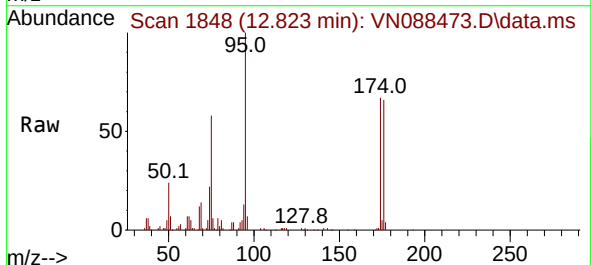
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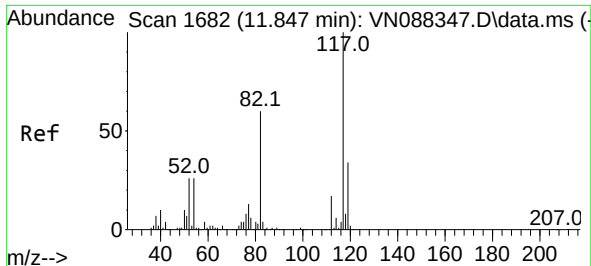
Tgt Ion: 98 Resp: 575329
Ion Ratio Lower Upper
98 100
100 63.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 47.825 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.000 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 95 Resp: 206590
Ion Ratio Lower Upper
95 100
174 68.5 0.0 139.0
176 64.6 0.0 132.4

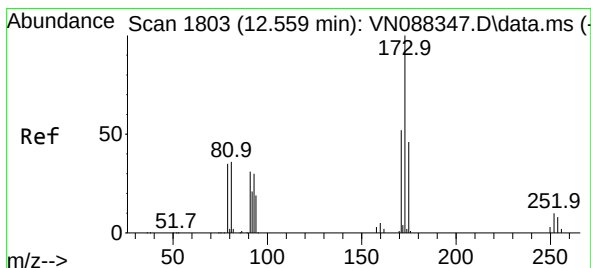
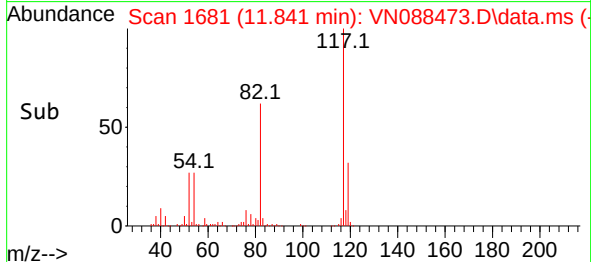
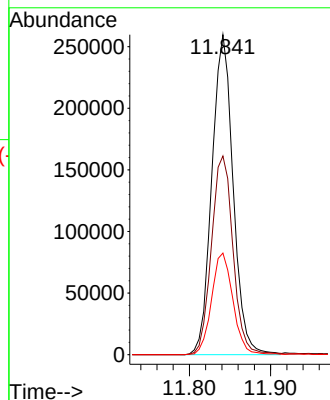
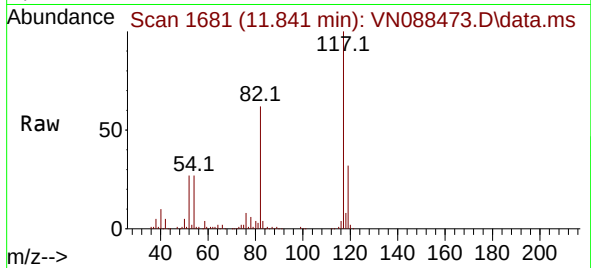




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1184
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

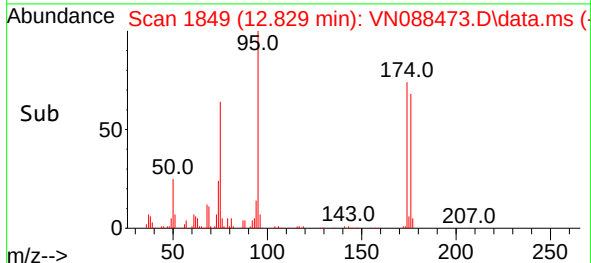
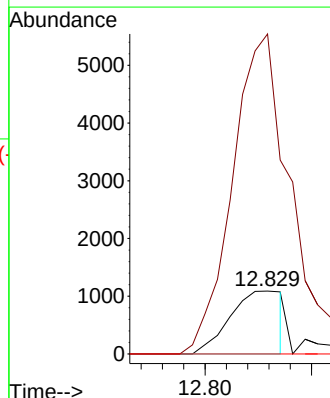
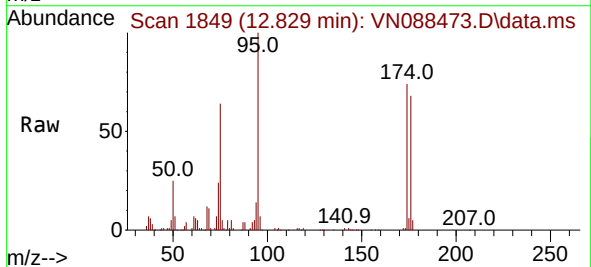
Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

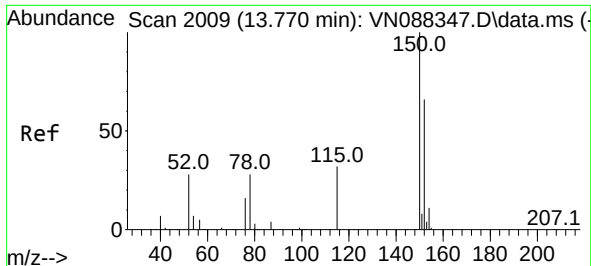
Tgt Ion:117 Resp: 472764
Ion Ratio Lower Upper
117 100
82 62.1 47.8 71.8
119 31.7 26.9 40.3



#71
Bromoform
Concen: 0.714 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.271 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion:173 Resp: 1872
Ion Ratio Lower Upper
173 100
175 442.3 23.9 71.8#
254 0.0 0.1 0.1#

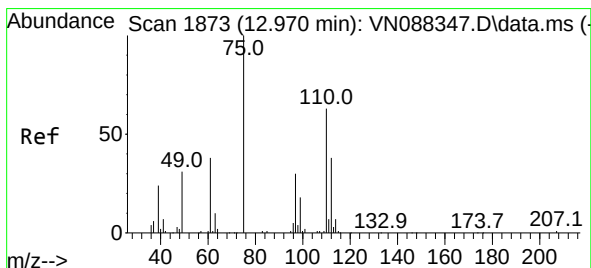
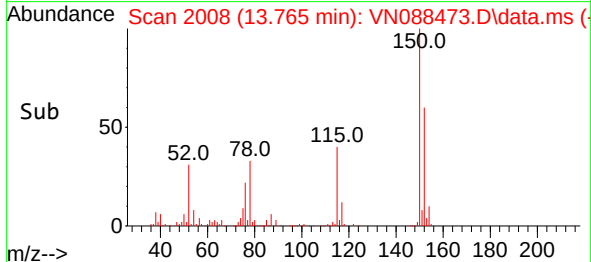
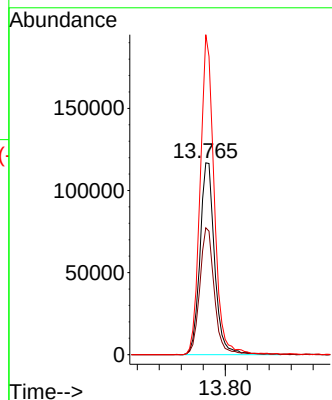
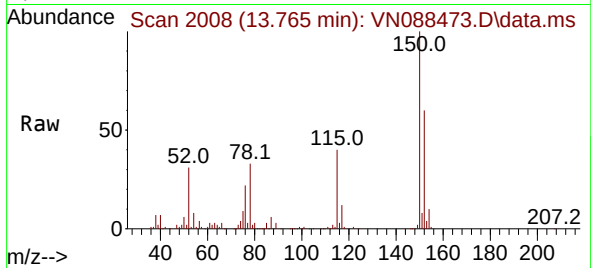




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.765 min Scan# 2009
 Delta R.T. -0.006 min
 Lab File: VN088473.D
 Acq: 09 Dec 2025 11:42

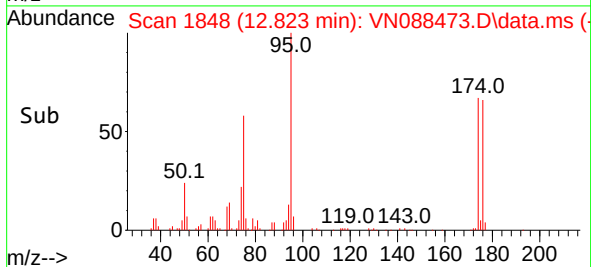
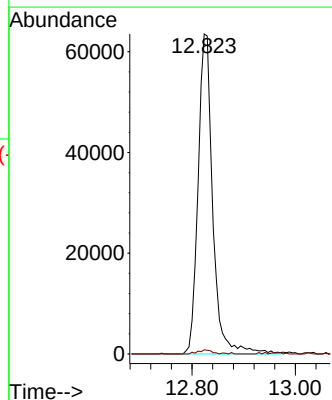
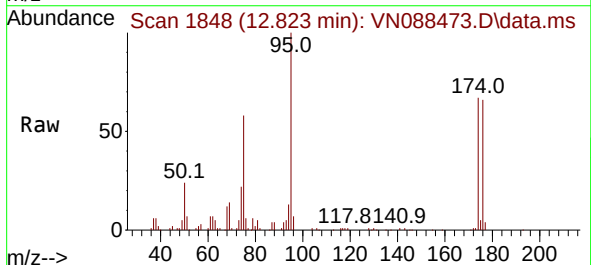
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 ClientSampleId :
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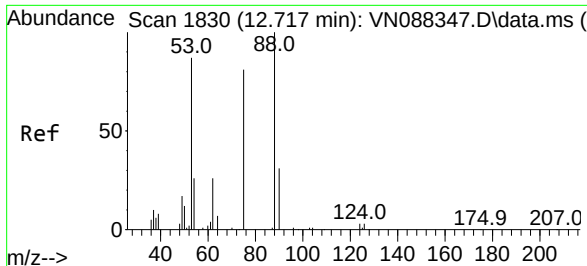
Tgt Ion:152 Resp: 217362
 Ion Ratio Lower Upper
 152 100
 115 65.6 33.0 98.9
 150 158.2 0.0 349.0



#76
 1,2,3-Trichloropropane
 Concen: 24.552 ug/l
 RT: 12.823 min Scan# 1848
 Delta R.T. -0.147 min
 Lab File: VN088473.D
 Acq: 09 Dec 2025 11:42

Tgt Ion: 75 Resp: 124994
 Ion Ratio Lower Upper
 75 100
 77 1.2 87.2 261.6#

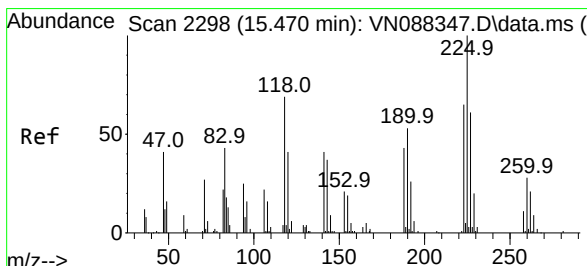
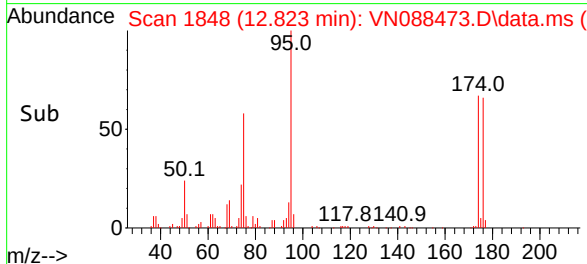
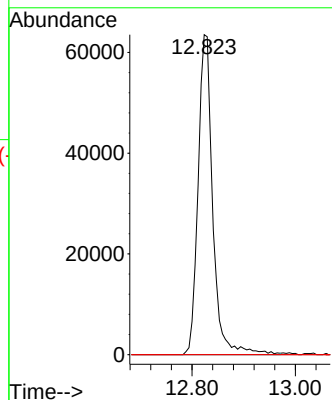
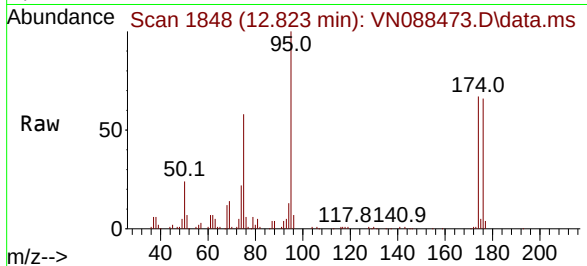




#81
trans-1,4-Dichloro-2-butene
Concen: 69.652 ug/l
RT: 12.823 min Scan# 11
Delta R.T. 0.106 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Instrument :
MSVOA_N
ClientSampleId :
VN1209WBL01

Tgt Ion: 75 Resp: 124994
Ion Ratio Lower Upper
75 100
53 0.0 92.2 138.4#
89 0.0 0.0 0.0



#94
Hexachlorobutadiene
Concen: 0.540 ug/l
RT: 15.464 min Scan# 2297
Delta R.T. -0.006 min
Lab File: VN088473.D
Acq: 09 Dec 2025 11:42

Tgt Ion: 225 Resp: 776
Ion Ratio Lower Upper
225 100
223 73.5 32.3 96.8
227 55.2 29.9 89.8

