

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
 Data File : VN088307.D
 Acq On : 18 Nov 2025 10:41
 Operator : JC\MD
 Sample : VN1118WBL01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBL01

Quant Time: Nov 19 03:31:01 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)

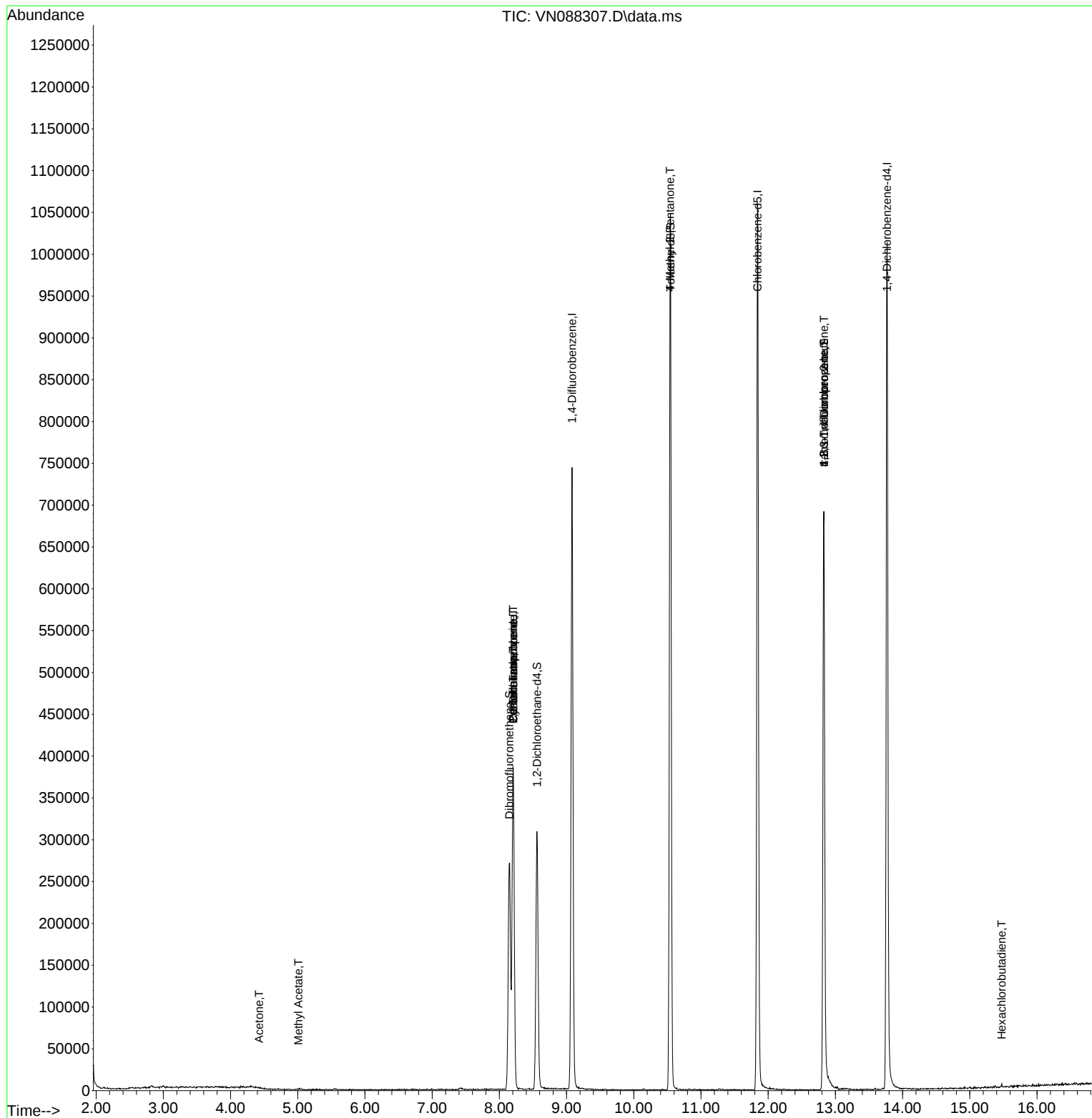
Internal Standards						
1) Pentafluorobenzene	8.206	168	258776	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	593199	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	569869	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	271618	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	254873	56.958	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	=	113.920%	
35) Dibromofluoromethane	8.147	113	197585	49.580	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	=	99.160%	
50) Toluene-d8	10.547	98	707123	46.050	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	=	92.100%	
62) 4-Bromofluorobenzene	12.829	95	259825	47.912	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	=	95.820%	
Target Compounds						
					Qvalue	
16) Acetone	4.424	43	1363	0.606	ug/l #	47
18) Methyl Acetate	5.012	43	1646	0.358	ug/l #	54
31) Cyclohexane	8.206	56	7284	1.163	ug/l #	5
36) 1,1-Dichloropropene	8.206	75	25404	4.366	ug/l #	52
38) Carbon Tetrachloride	8.206	117	30532	5.080	ug/l #	18
51) 4-Methyl-2-Pentanone	10.541	43	3527	0.517	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	148429	23.902	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	148429	66.674	ug/l #	1
94) Hexachlorobutadiene	15.476	225	432	0.220	ug/l	91

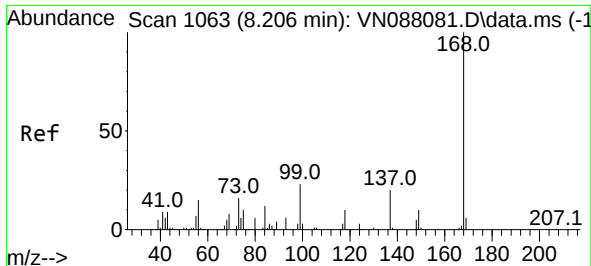
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN111825\
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Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Nov 19 03:31:01 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

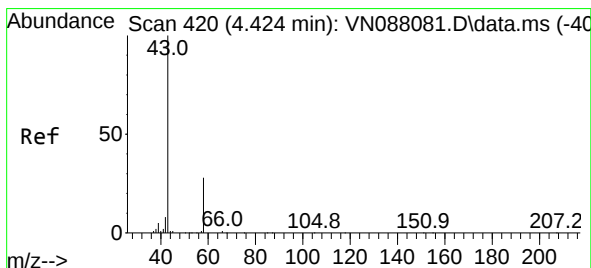
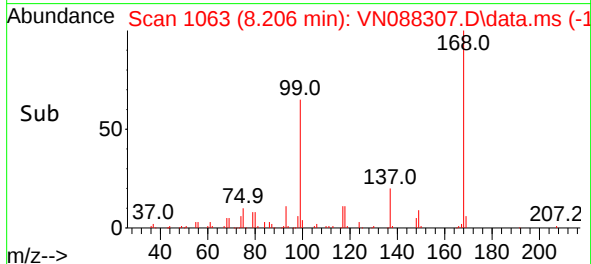
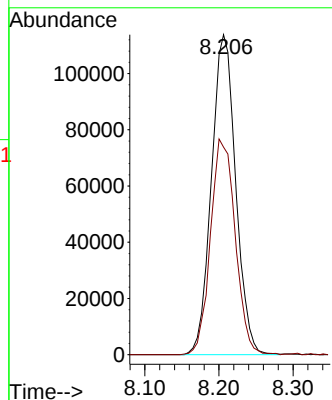
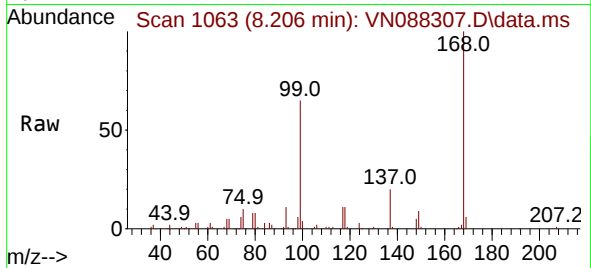




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

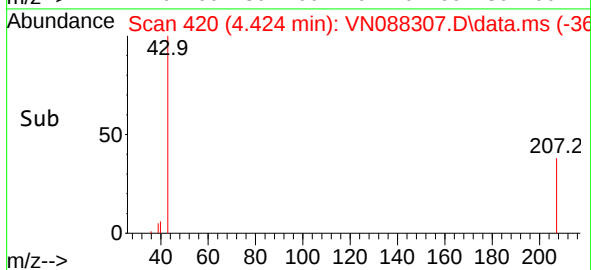
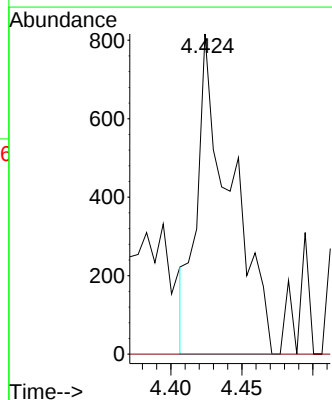
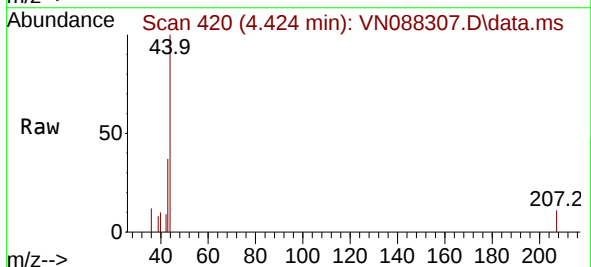
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

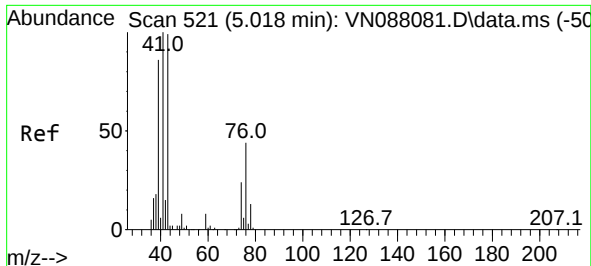
Tgt Ion:168 Resp: 258776
Ion Ratio Lower Upper
168 100
99 64.9 57.2 85.8



#16
Acetone
Concen: 0.606 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

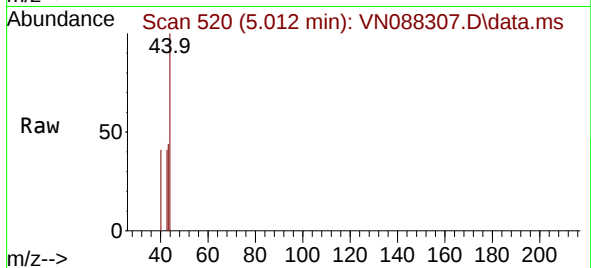
Tgt Ion: 43 Resp: 1363
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



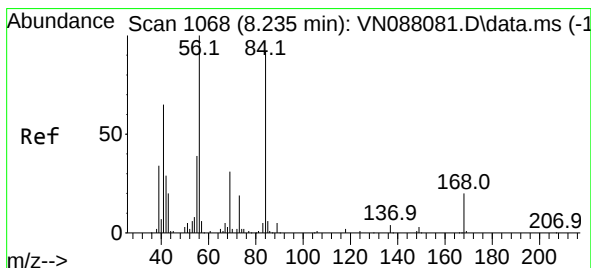
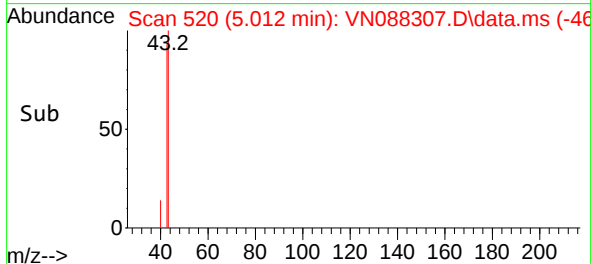
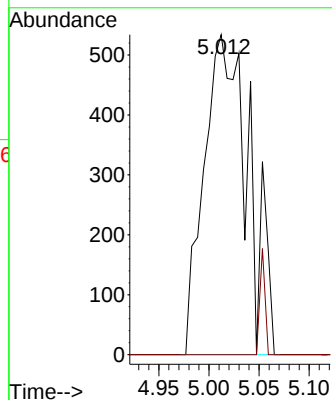


#18
Methyl Acetate
Concen: 0.358 ug/l
RT: 5.012 min Scan# 51
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

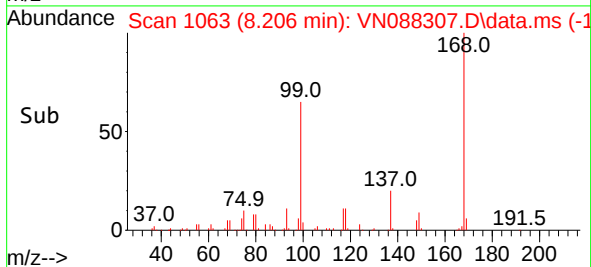
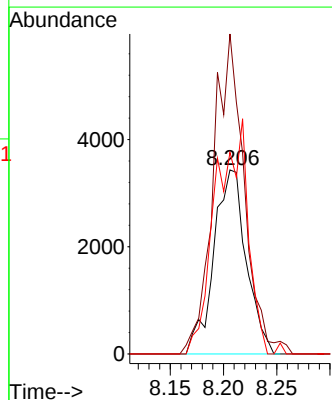
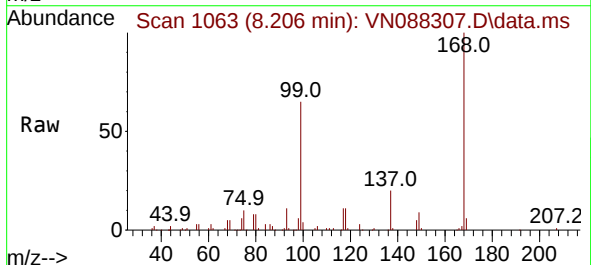


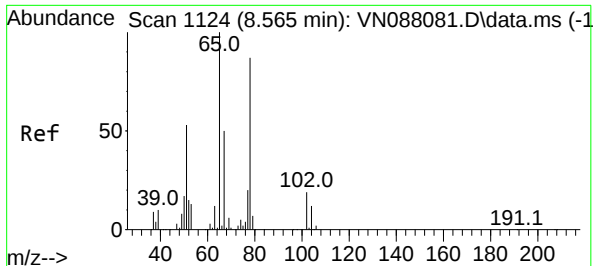
Tgt Ion: 43 Resp: 1646
Ion Ratio Lower Upper
43 100
74 0.0 17.6 26.4#



#31
Cyclohexane
Concen: 1.163 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.029 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion: 56 Resp: 7284
Ion Ratio Lower Upper
56 100
69 173.9 23.7 35.5#
84 109.6 64.7 97.1#

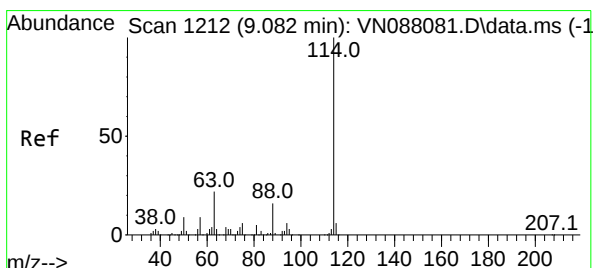
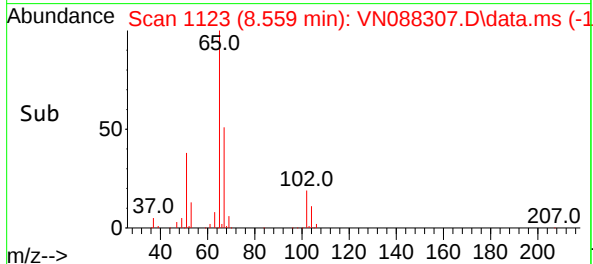
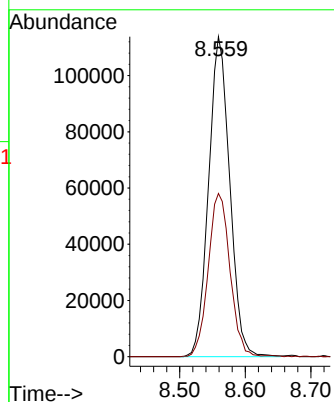
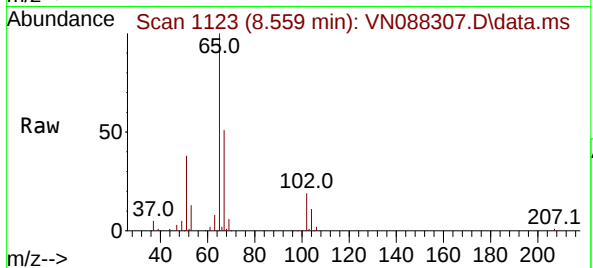




#33
1,2-Dichloroethane-d4
Concen: 56.958 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

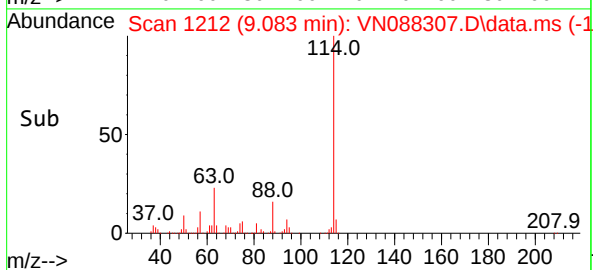
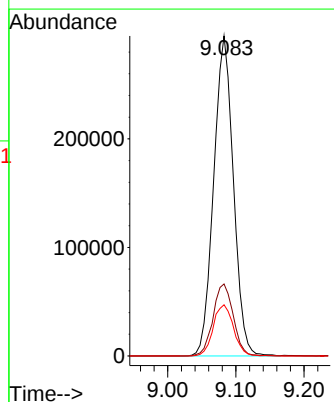
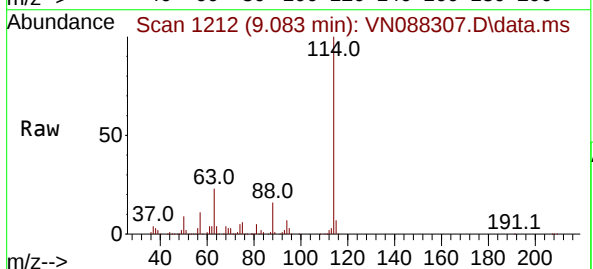
Instrument :
MSVOA_N
ClientSampleId :
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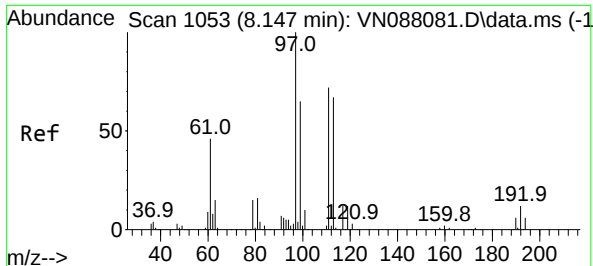
Tgt Ion: 65 Resp: 254873
Ion Ratio Lower Upper
65 100
67 52.6 0.0 100.0



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.083 min Scan# 1212
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion: 114 Resp: 593199
Ion Ratio Lower Upper
114 100
63 22.5 0.0 45.2
88 16.0 0.0 33.4

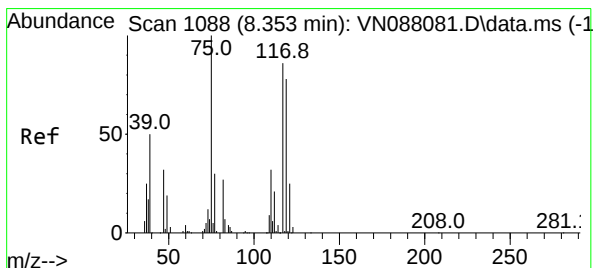
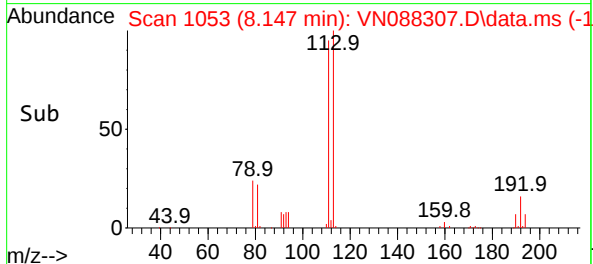
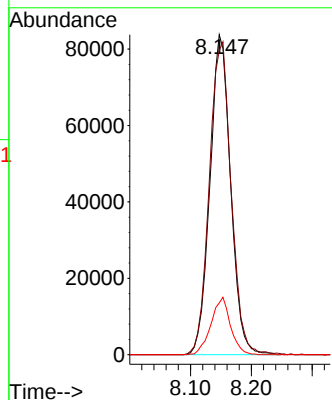
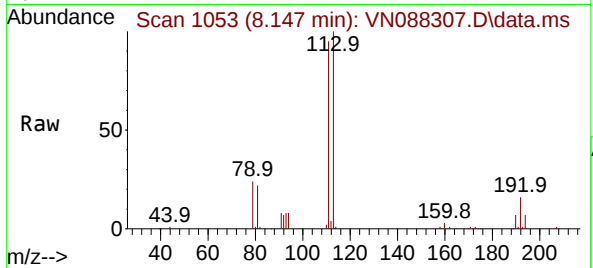




#35
Dibromofluoromethane
Concen: 49.580 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

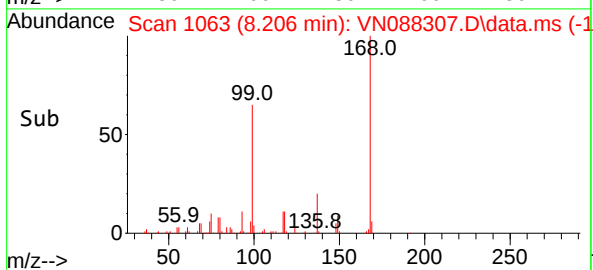
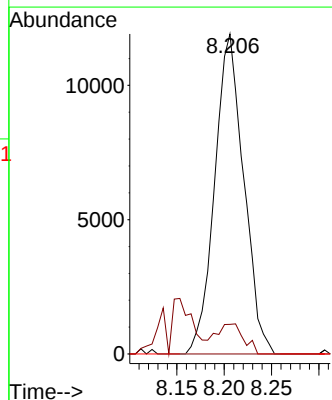
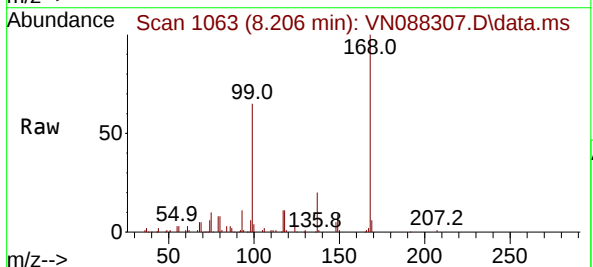
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

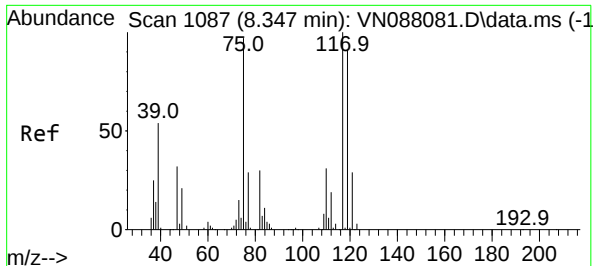
Tgt Ion:113 Resp: 197585
Ion Ratio Lower Upper
113 100
111 103.3 82.8 124.2
192 16.9 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.366 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion: 75 Resp: 25404
Ion Ratio Lower Upper
75 100
110 8.8 15.9 47.6#
77 0.0 24.4 36.6#

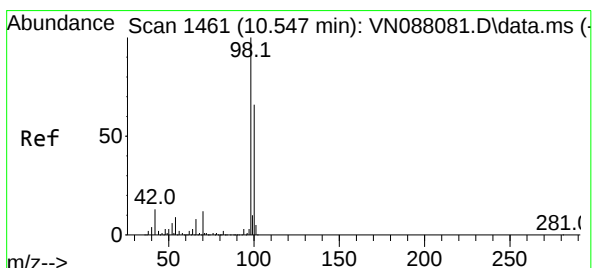
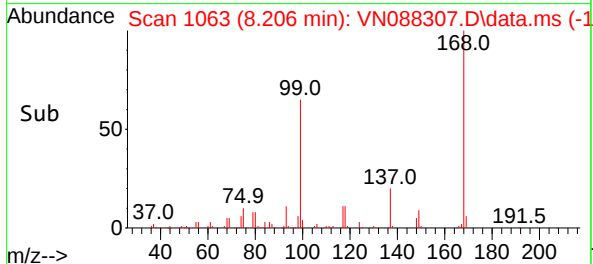
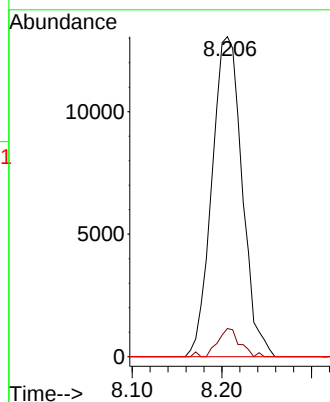
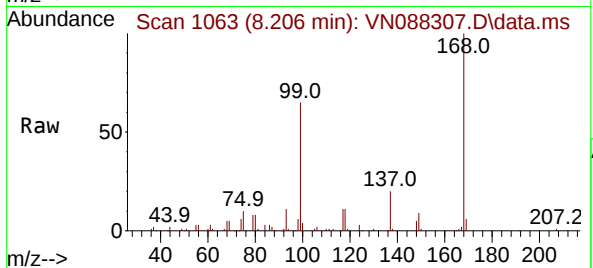




#38
Carbon Tetrachloride
Concen: 5.080 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.135 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

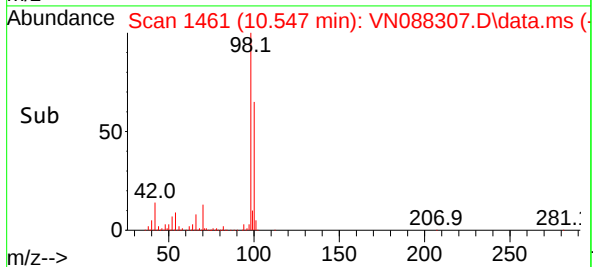
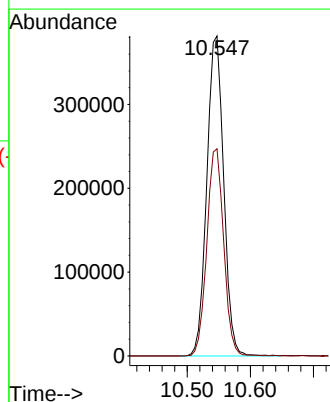
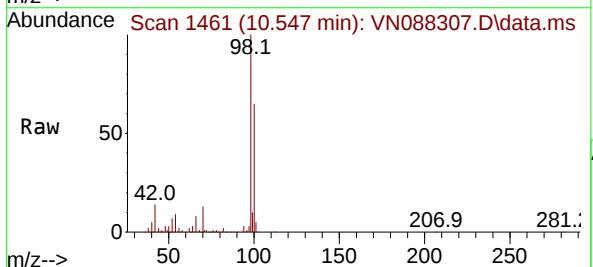
Instrument :
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ClientSampleId :
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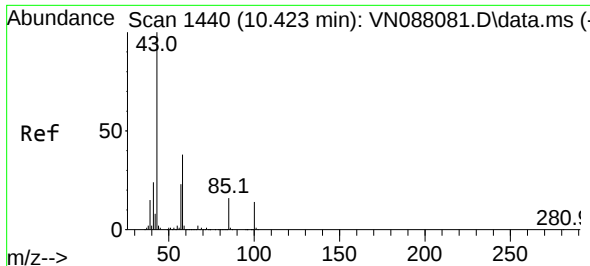
Tgt Ion:117 Resp: 30532
Ion Ratio Lower Upper
117 100
119 8.8 79.0 118.6#
121 0.0 25.0 37.6#



#50
Toluene-d8
Concen: 46.050 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion: 98 Resp: 707123
Ion Ratio Lower Upper
98 100
100 64.7 52.8 79.2

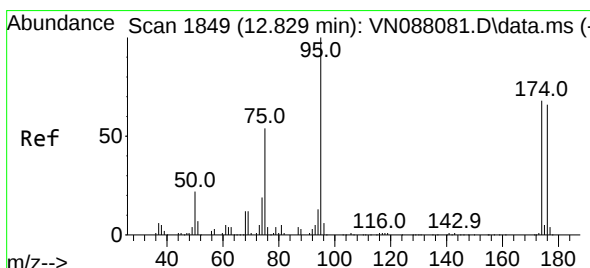
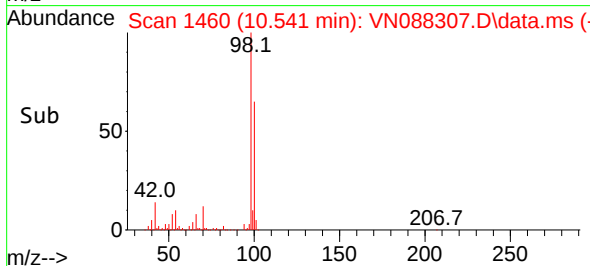
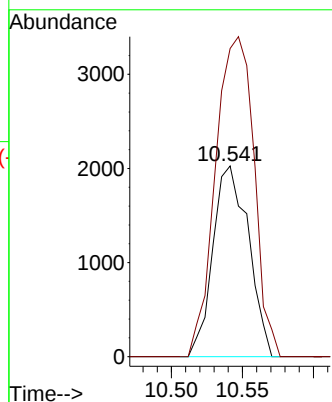
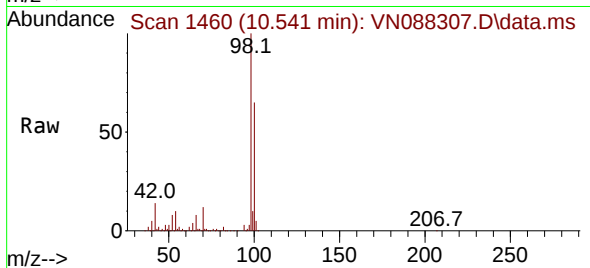




#51
4-Methyl-2-Pentanone
Concen: 0.517 ug/l
RT: 10.541 min Scan# 1440
Delta R.T. 0.118 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

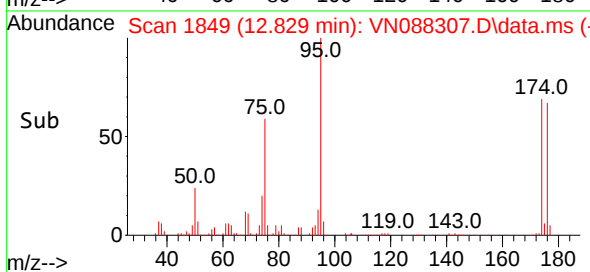
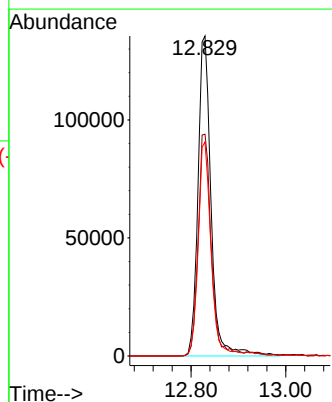
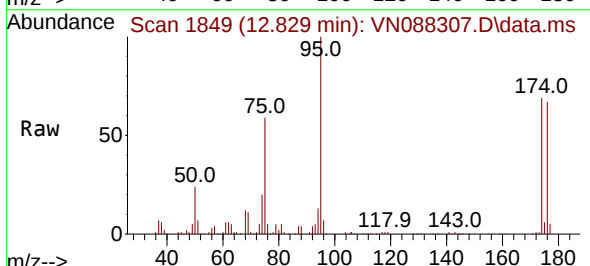
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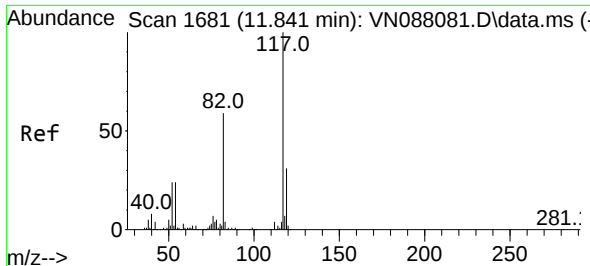
Tgt Ion: 43 Resp: 3527
Ion Ratio Lower Upper
43 100
58 181.8 29.6 44.4#



#62
4-Bromofluorobenzene
Concen: 47.912 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion: 95 Resp: 259825
Ion Ratio Lower Upper
95 100
174 69.6 0.0 138.4
176 64.8 0.0 132.6

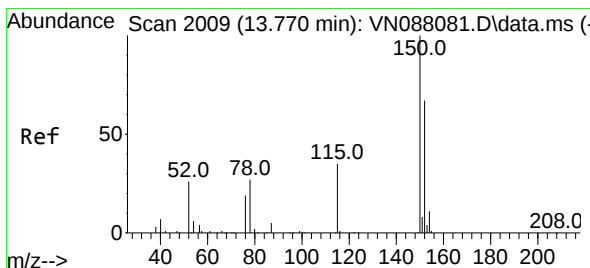
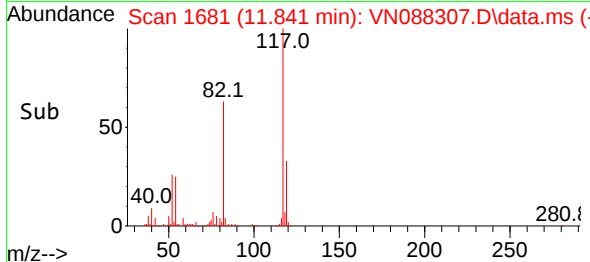
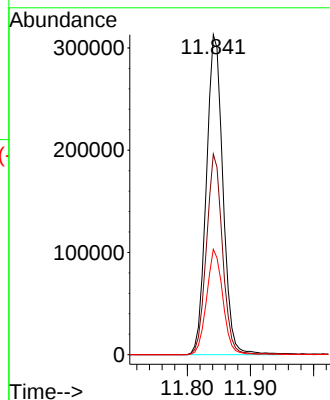
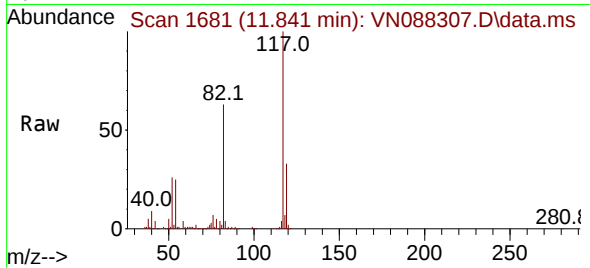




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 117
Delta R.T. -0.000 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

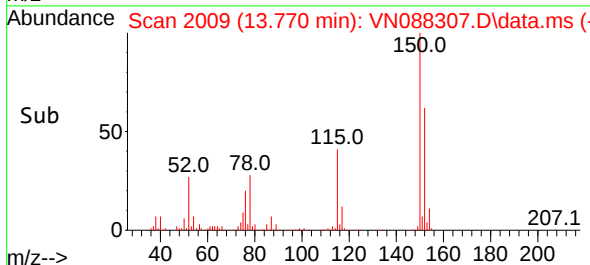
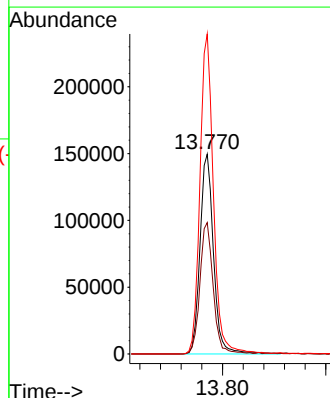
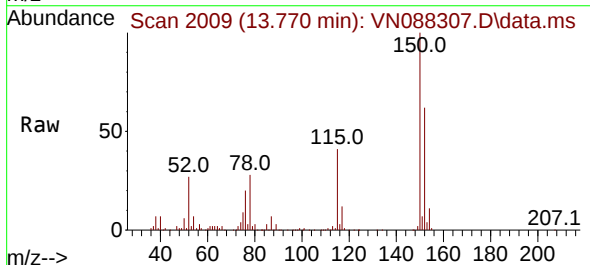
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

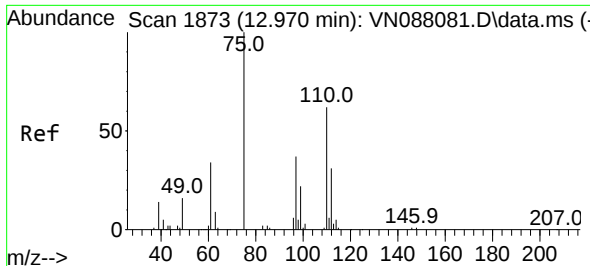
Tgt Ion:117 Resp: 569869
Ion Ratio Lower Upper
117 100
82 62.7 47.4 71.2
119 32.9 24.3 36.5



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

Tgt Ion:152 Resp: 271618
Ion Ratio Lower Upper
152 100
115 64.6 32.3 96.8
150 159.1 0.0 351.0

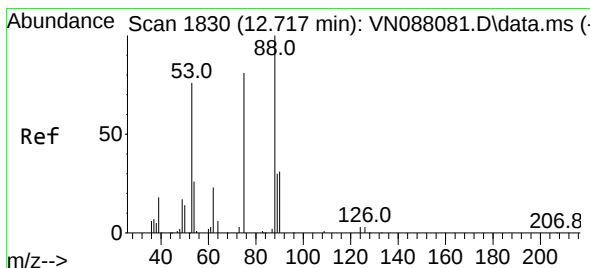
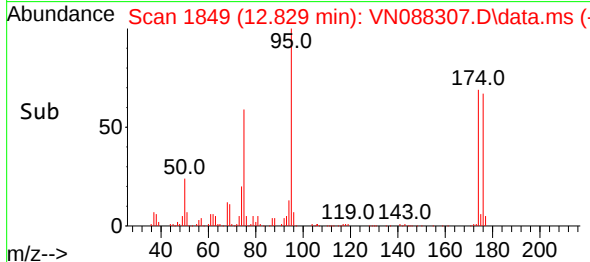
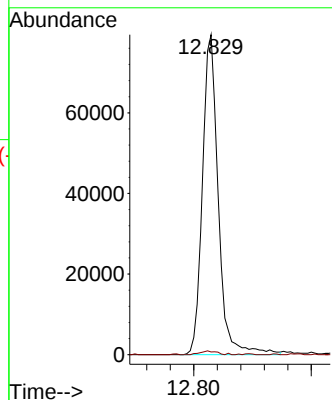
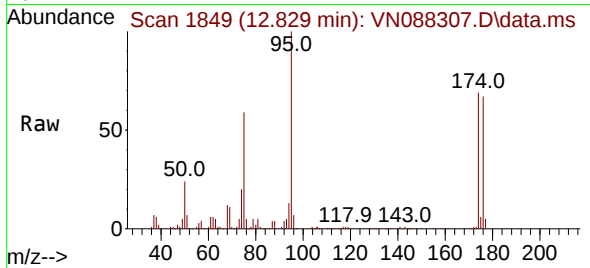




#76
1,2,3-Trichloropropane
Concen: 23.902 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

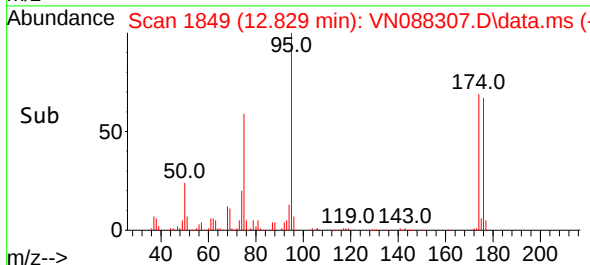
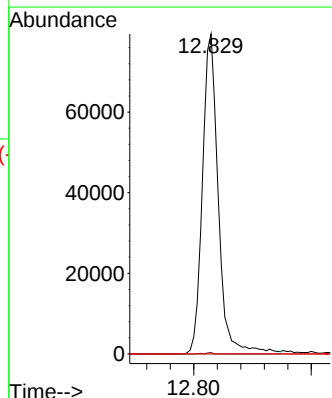
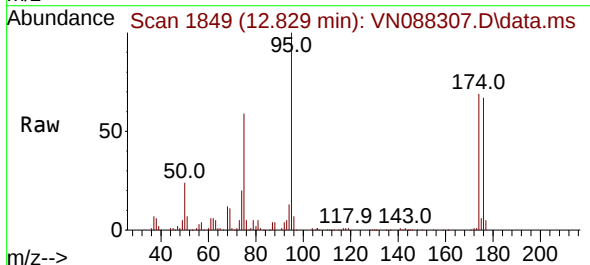
Instrument :
MSVOA_N
ClientSampleId :
VN1118WBL01

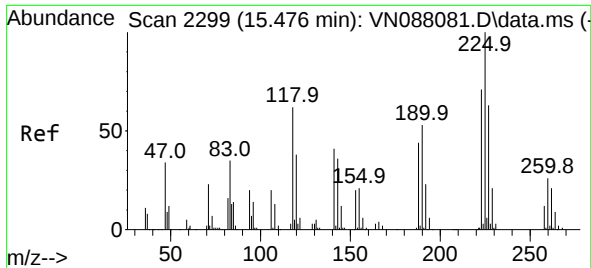
Tgt Ion: 75 Resp: 148429
Ion Ratio Lower Upper
75 100
77 1.2 89.1 267.4#



#81
trans-1,4-Dichloro-2-butene
Concen: 66.674 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088307.D
Acq: 18 Nov 2025 10:41

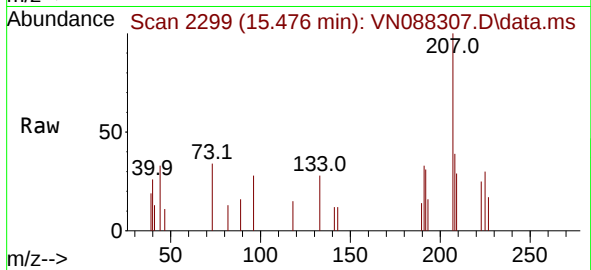
Tgt Ion: 75 Resp: 148429
Ion Ratio Lower Upper
75 100
53 0.2 101.8 152.6#
89 0.0 35.6 53.4#





#94
 Hexachlorobutadiene
 Concen: 0.220 ug/l
 RT: 15.476 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VN088307.D
 Acq: 18 Nov 2025 10:41

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1118WBL01



Tgt Ion:	225	Resp:	432
Ion	Ratio	Lower	Upper
225	100		
223	57.2	32.0	96.2
227	57.6	32.1	96.5

