

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102825\
 Data File : VN088128.D
 Acq On : 28 Oct 2025 10:57
 Operator : JC\MD
 Sample : VN1028MBL01
 Misc : 5.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028MBL01

Quant Time: Oct 29 02:17:40 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 25 00:15:22 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	214801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	487153	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	458247	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	220652	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	225211	60.633	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 121.260%	
35) Dibromofluoromethane	8.147	113	167396	51.149	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.300%	
50) Toluene-d8	10.547	98	624342	49.510	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.020%	
62) 4-Bromofluorobenzene	12.829	95	233024	52.324	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 104.640%	

Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.142	85	486	0.201	ug/l #	41
5) Bromomethane	3.000	94	1375	0.740	ug/l	93
10) Methyl Iodide	4.588	142	1264	4.670	ug/l #	74
11) Tert butyl alcohol	5.524	59	852	1.331	ug/l #	71
13) Acrolein	4.171	56	1656	2.301	ug/l	97
15) Acrylonitrile	5.706	53	1958	1.123	ug/l	92
16) Acetone	4.424	43	3994	2.140	ug/l #	77
17) Carbon Disulfide	4.694	76	2745	0.334	ug/l	98
18) Methyl Acetate	5.012	43	897	0.235	ug/l #	68
20) Methylene Chloride	5.277	84	677	1.002	ug/l #	34
23) Vinyl Acetate	6.588	43	2063	0.230	ug/l #	72
25) 2-Butanone	7.482	43	2007	0.816	ug/l	92
29) Tetrahydrofuran	7.829	42	861	0.537	ug/l #	71
31) Cyclohexane	8.206	56	7731	1.487	ug/l #	13
36) 1,1-Dichloropropene	8.341	75	1209	0.253	ug/l #	49
38) Carbon Tetrachloride	8.212	117	25038	5.073	ug/l #	13
39) Methylcyclohexane	9.594	83	1632	0.266	ug/l #	48
49) 1,4-Dioxane	9.688	88	205	3.768	ug/l #	40
51) 4-Methyl-2-Pentanone	10.429	43	2082	0.371	ug/l	97
58) 2-Chloroethyl Vinyl ether	10.141	63	1367	0.488	ug/l #	83
68) m/p-Xylenes	12.053	106	1925	0.281	ug/l	100
76) 1,2,3-Trichloropropane	12.829	75	132209	26.207	ug/l #	1
78) n-propylbenzene	13.029	91	4229	0.204	ug/l	94
80) 1,3,5-Trimethylbenzene	13.153	105	3147	0.223	ug/l	87
81) trans-1,4-Dichloro-2-b...	12.829	75	132209	73.105	ug/l #	1
83) tert-Butylbenzene	13.417	119	3154	0.250	ug/l	96
84) 1,2,4-Trimethylbenzene	13.470	105	3588	0.254	ug/l	98
85) sec-Butylbenzene	13.600	105	5058	0.273	ug/l	83
86) p-Isopropyltoluene	13.706	119	4071	0.274	ug/l	96
87) 1,3-Dichlorobenzene	13.717	146	2413	0.329	ug/l	90
88) 1,4-Dichlorobenzene	13.717	146	2413	0.307	ug/l	91
89) n-Butylbenzene	14.041	91	4843	0.329	ug/l	96
90) Hexachloroethane	14.306	117	661	0.229	ug/l	83
91) 1,2-Dichlorobenzene	14.094	146	1670	0.236	ug/l	88
92) 1,2-Dibromo-3-Chloropr...	14.711	75	456	0.370	ug/l #	15
93) 1,2,4-Trichlorobenzene	15.364	180	2756	0.644	ug/l	98

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Quant Title : SW846 8260
QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

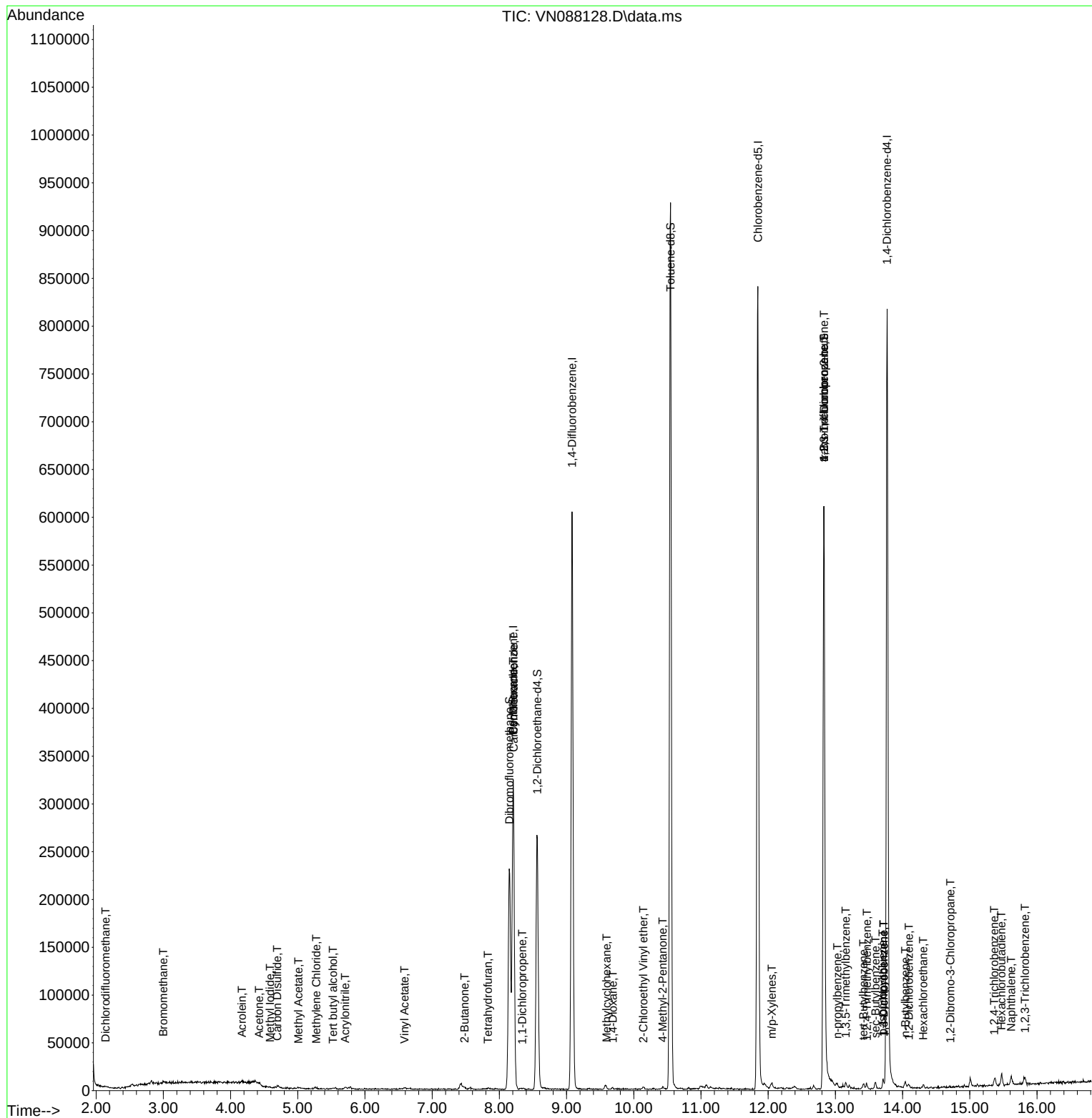
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.470	225	2132	1.339	ug/l	90
95) Naphthalene	15.617	128	8651	0.590	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.823	180	2805	0.684	ug/l	87

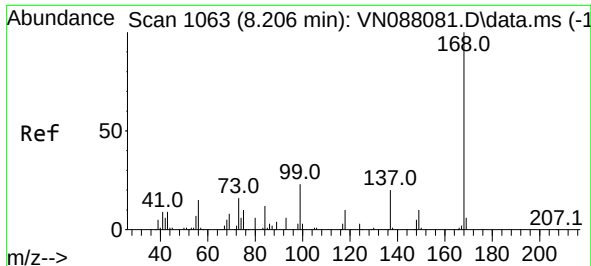
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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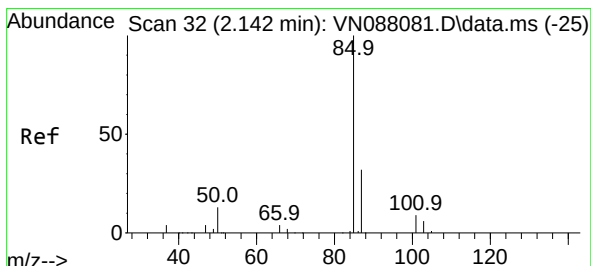
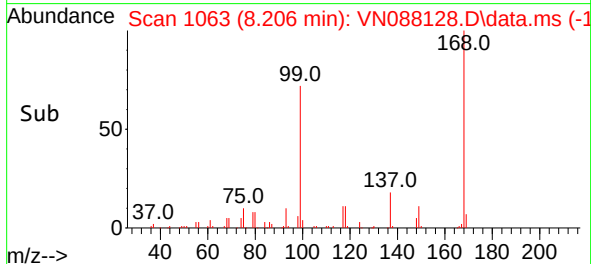
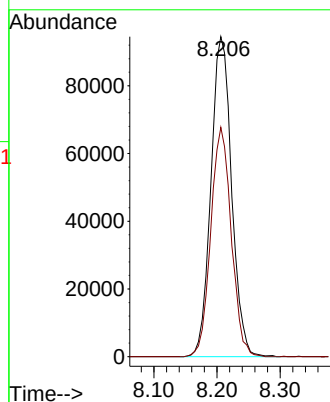
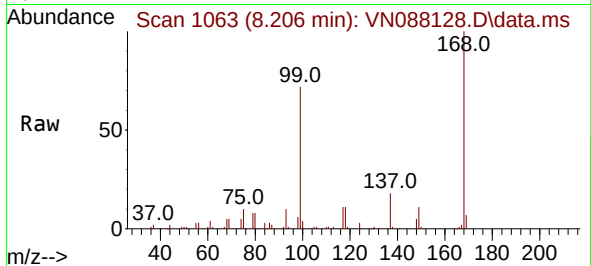




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088128.D
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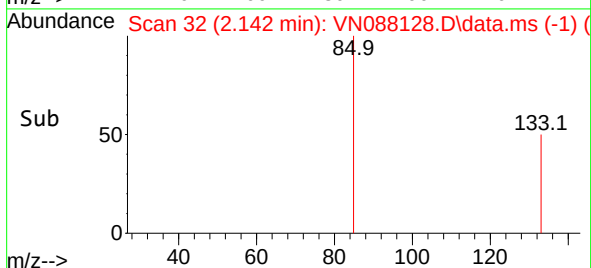
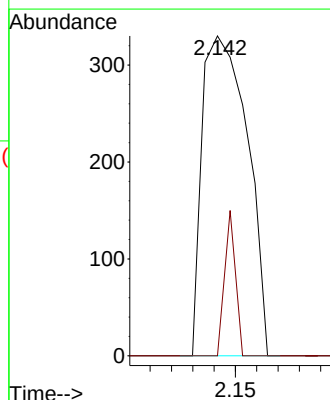
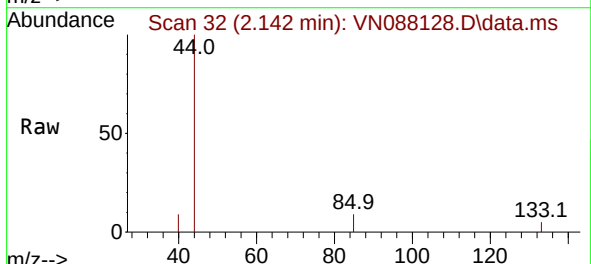
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

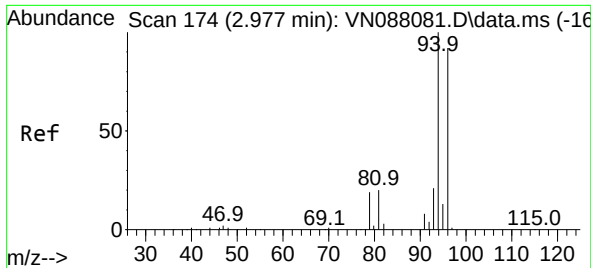
Tgt Ion:168 Resp: 214801
Ion Ratio Lower Upper
168 100
99 71.7 57.2 85.8



#2
Dichlorodifluoromethane
Concen: 0.201 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 85 Resp: 486
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8#

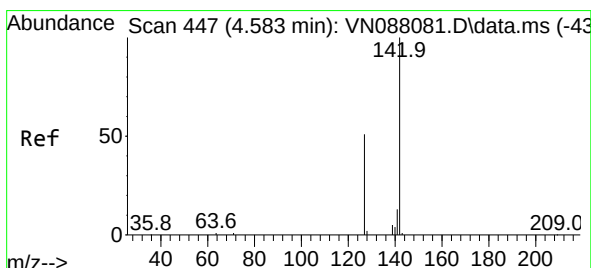
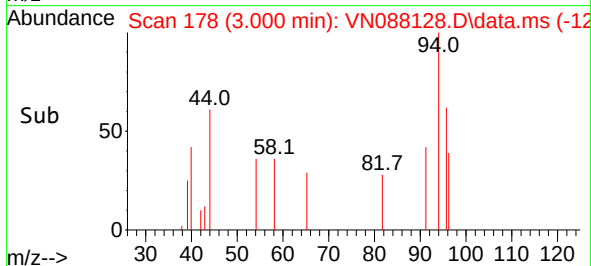
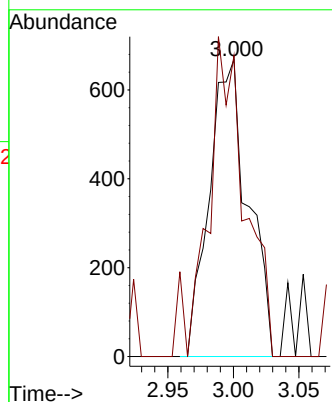
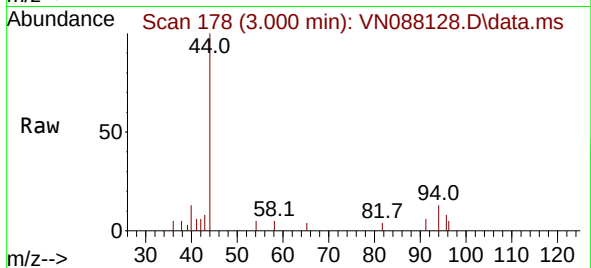




#5
Bromomethane
Concen: 0.740 ug/l
RT: 3.000 min Scan# 11
Delta R.T. 0.029 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

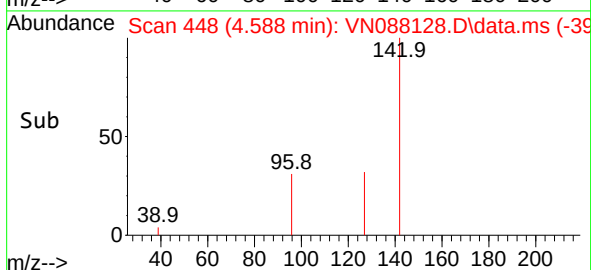
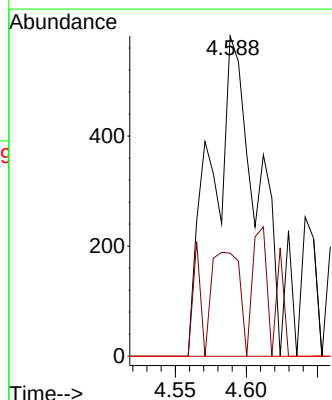
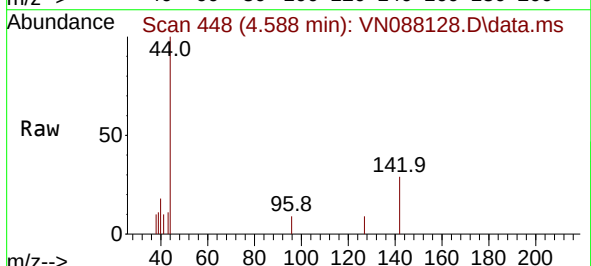
Instrument :
MSVOA_N
ClientSampleId :
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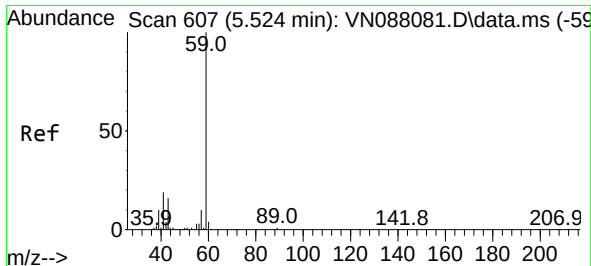
Tgt Ion: 94 Resp: 1375
Ion Ratio Lower Upper
94 100
96 101.2 75.4 113.2



#10
Methyl Iodide
Concen: 4.670 ug/l
RT: 4.588 min Scan# 448
Delta R.T. 0.011 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:142 Resp: 1264
Ion Ratio Lower Upper
142 100
127 32.1 38.0 57.0#
141 0.0 12.0 18.0#

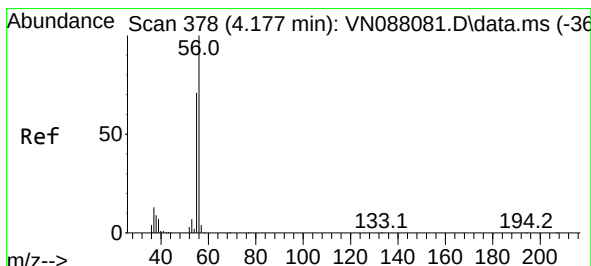
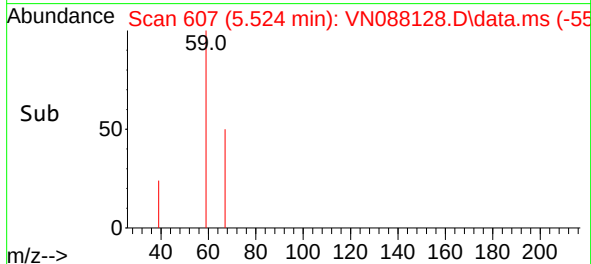
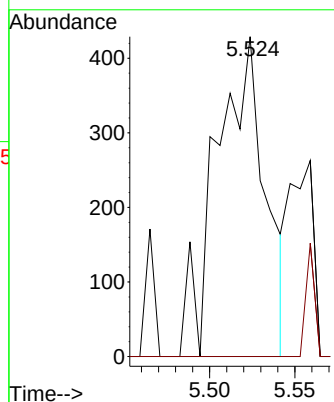
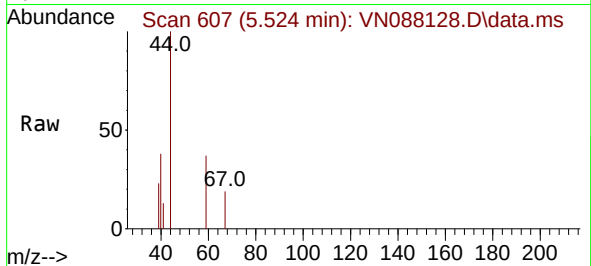




#11
Tert butyl alcohol
Concen: 1.331 ug/l
RT: 5.524 min Scan# 607
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

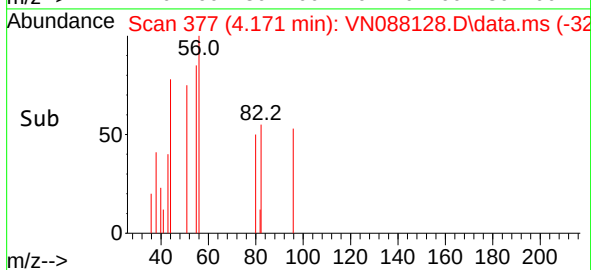
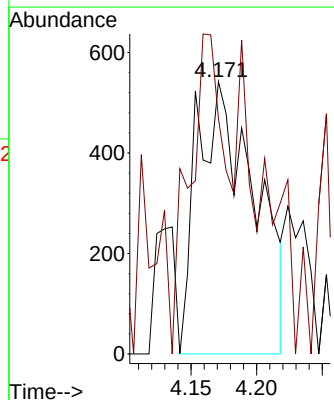
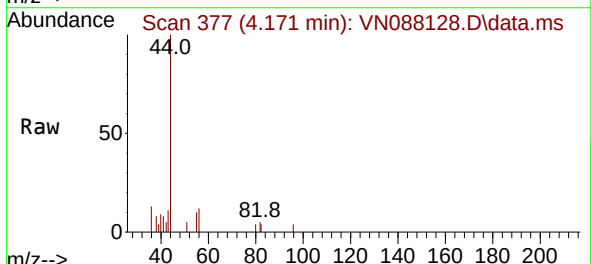
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

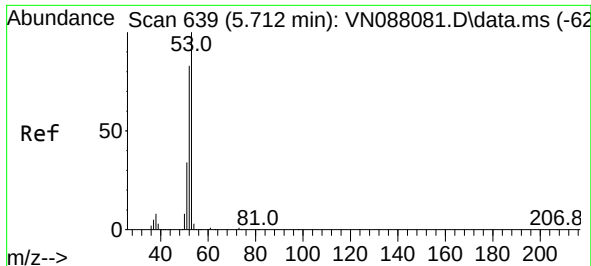
Tgt Ion: 59 Resp: 852
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: 2.301 ug/l
RT: 4.171 min Scan# 377
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 56 Resp: 1656
Ion Ratio Lower Upper
56 100
55 73.9 57.3 85.9

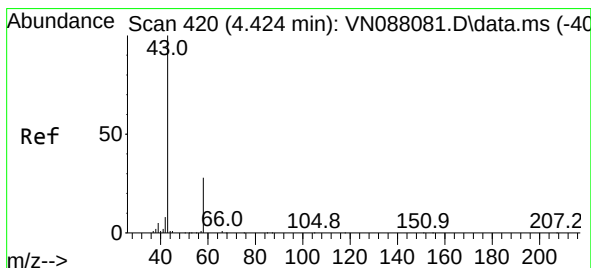
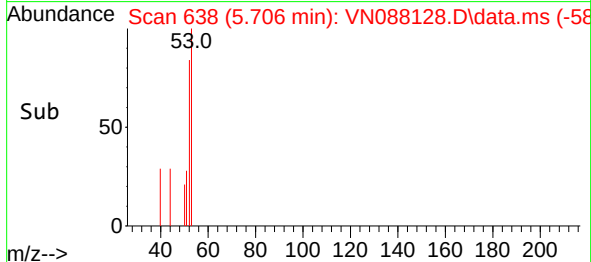
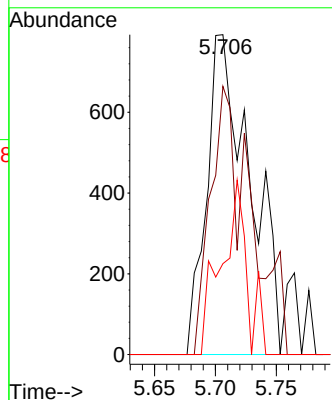
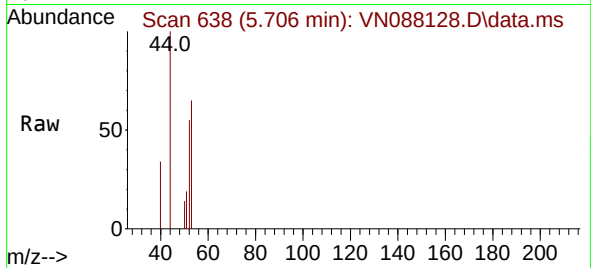




#15
Acrylonitrile
Concen: 1.123 ug/l
RT: 5.706 min Scan# 61
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

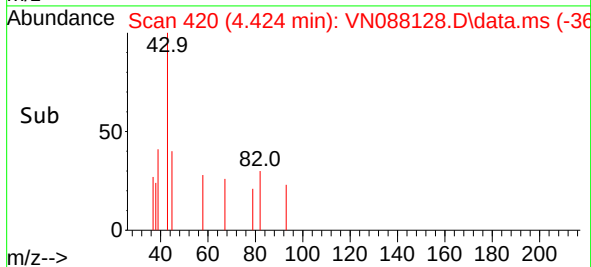
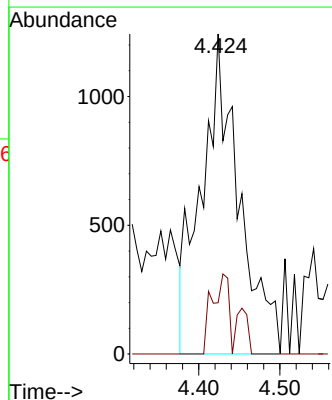
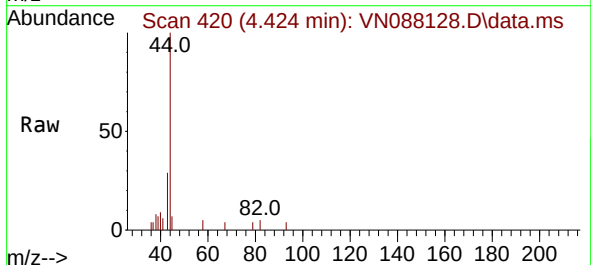
Instrument :
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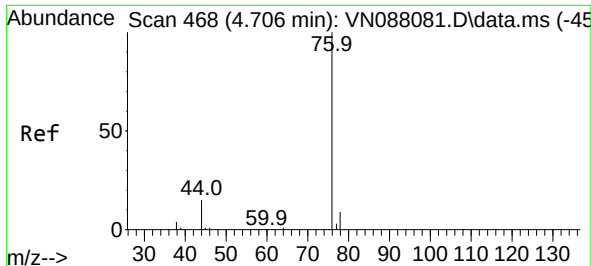
Tgt Ion: 53 Resp: 1958
Ion Ratio Lower Upper
53 100
52 77.9 67.6 101.4
51 32.8 30.1 45.1



#16
Acetone
Concen: 2.140 ug/l
RT: 4.424 min Scan# 420
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 43 Resp: 3994
Ion Ratio Lower Upper
43 100
58 16.0 22.6 33.8#

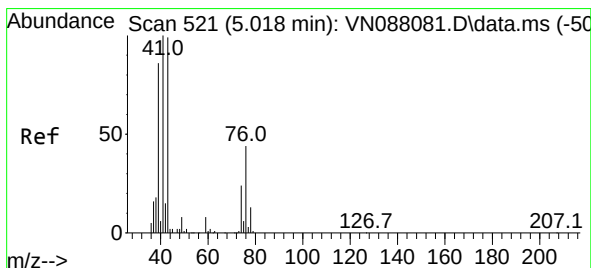
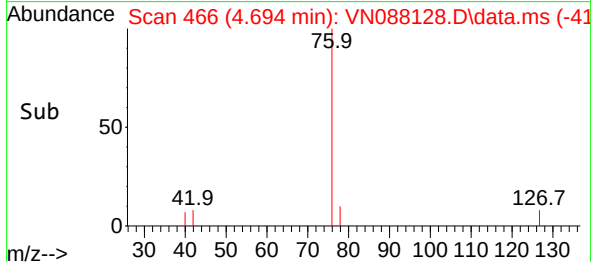
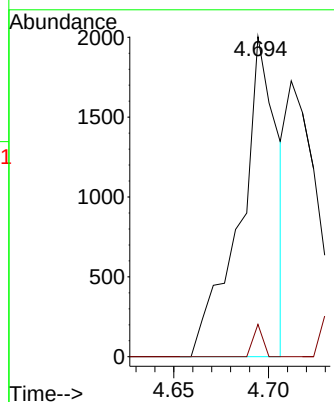
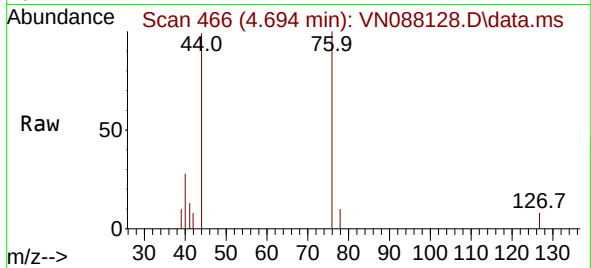




#17
Carbon Disulfide
Concen: 0.334 ug/l
RT: 4.694 min Scan# 41
Delta R.T. -0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

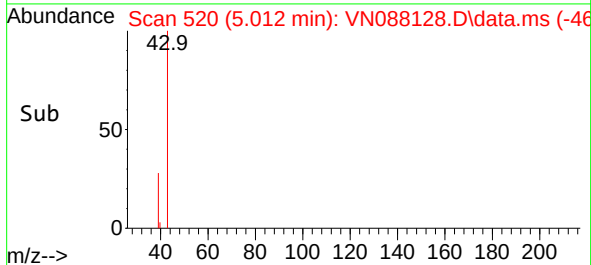
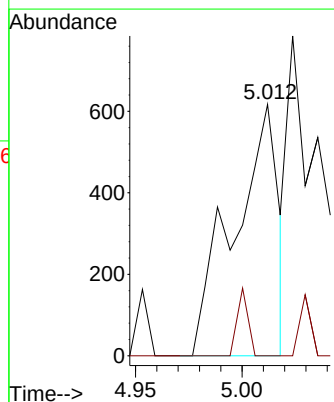
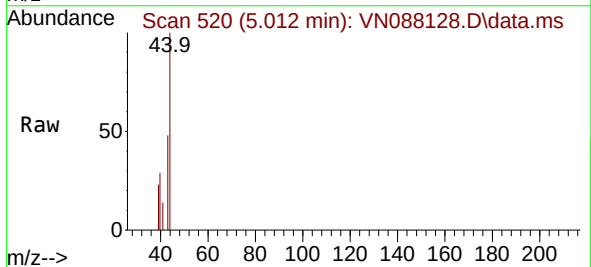
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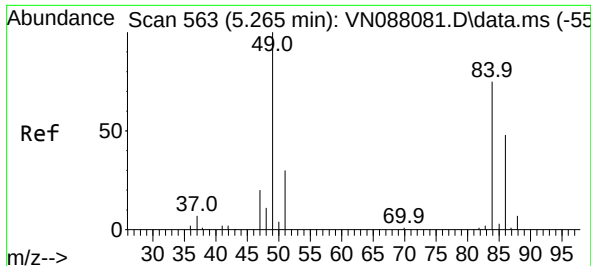
Tgt Ion: 76 Resp: 2745
Ion Ratio Lower Upper
76 100
78 10.1 7.6 11.4



#18
Methyl Acetate
Concen: 0.235 ug/l
RT: 5.012 min Scan# 520
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 43 Resp: 897
Ion Ratio Lower Upper
43 100
74 6.6 17.6 26.4#

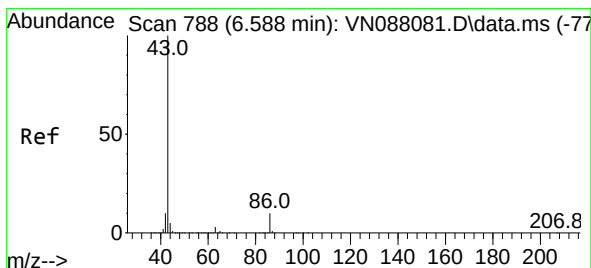
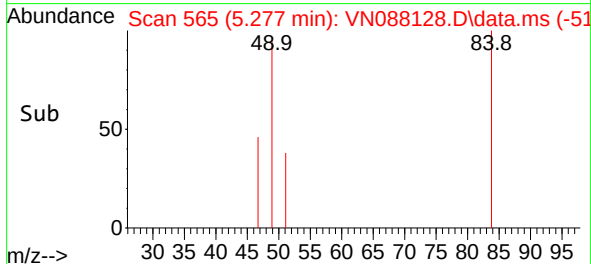
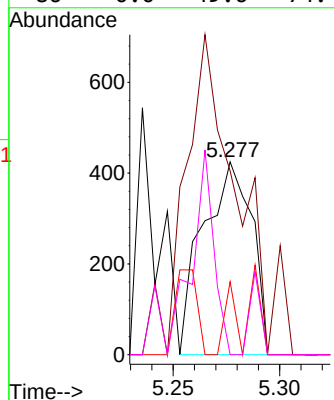
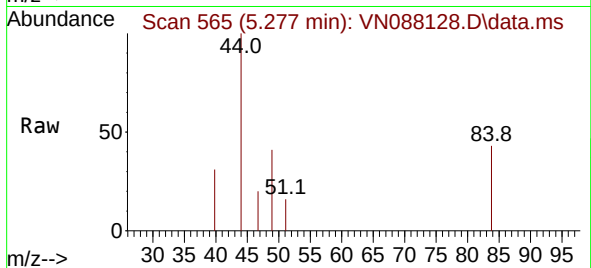




#20
Methylene Chloride
Concen: 1.002 ug/l
RT: 5.277 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

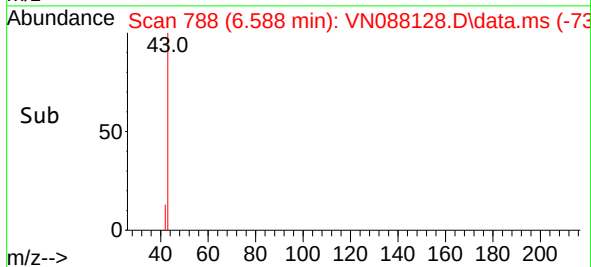
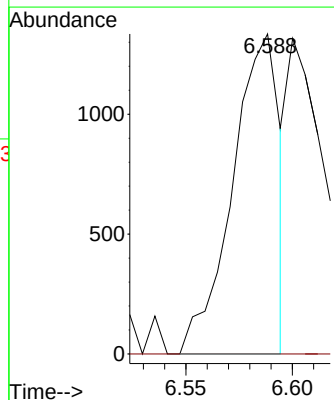
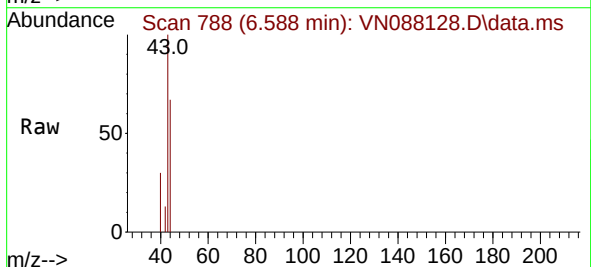
Instrument :
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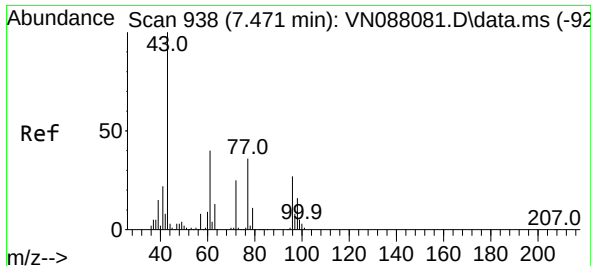
Tgt Ion:	84	Resp:	677
Ion	Ratio	Lower	Upper
84	100		
49	38.8	103.4	155.2#
51	37.9	33.8	50.8
86	0.0	49.6	74.4#



#23
Vinyl Acetate
Concen: 0.230 ug/l
RT: 6.588 min Scan# 788
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:	43	Resp:	2063
Ion	Ratio	Lower	Upper
43	100		
86	0.0	8.2	12.4#

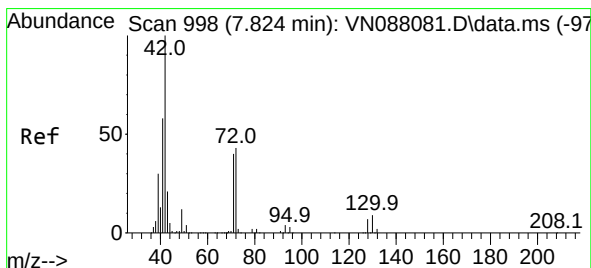
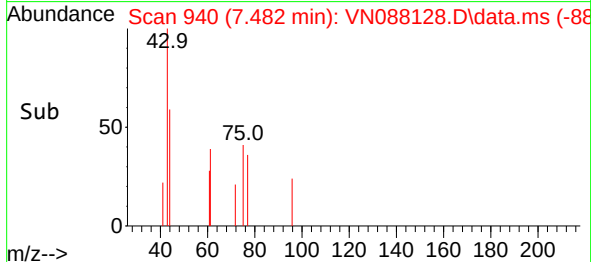
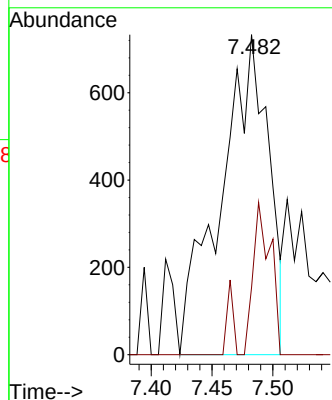
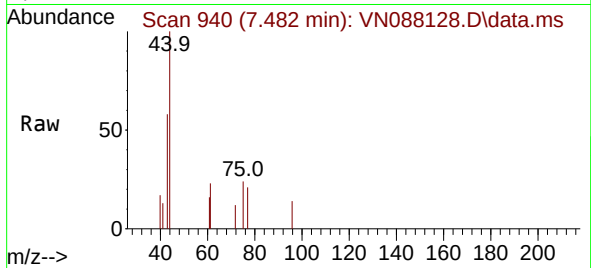




#25
2-Butanone
Concen: 0.816 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.017 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

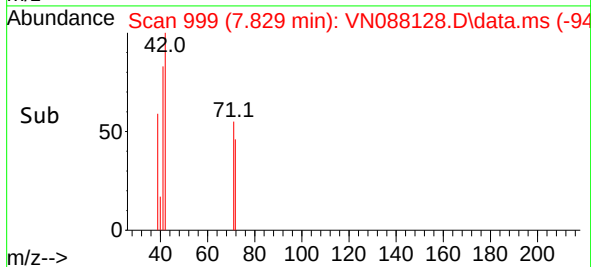
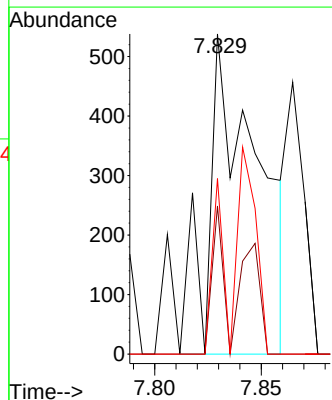
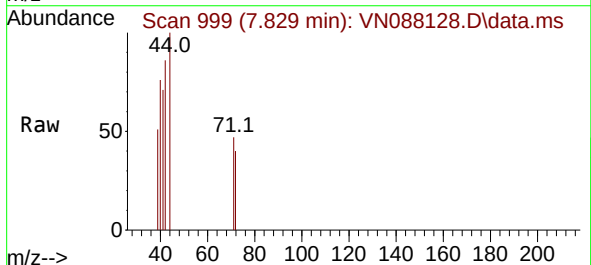
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

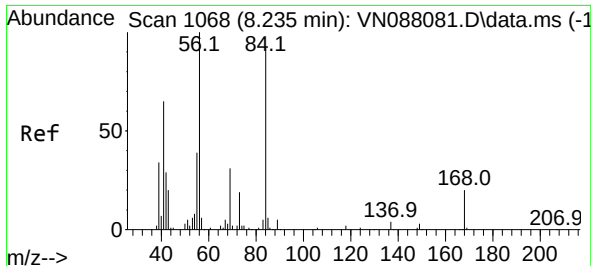
Tgt Ion: 43 Resp: 2007
Ion Ratio Lower Upper
43 100
72 21.0 19.9 29.9



#29
Tetrahydrofuran
Concen: 0.537 ug/l
RT: 7.829 min Scan# 999
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 42 Resp: 861
Ion Ratio Lower Upper
42 100
72 10.2 33.7 50.5#
71 36.4 31.9 47.9

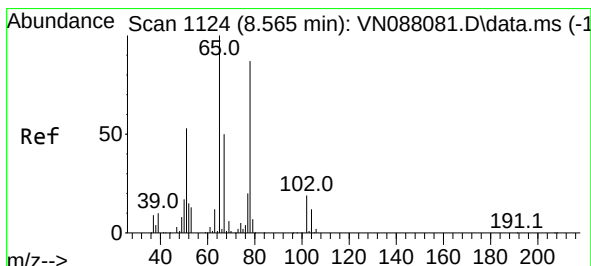
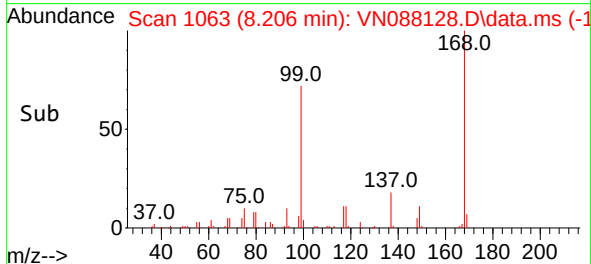
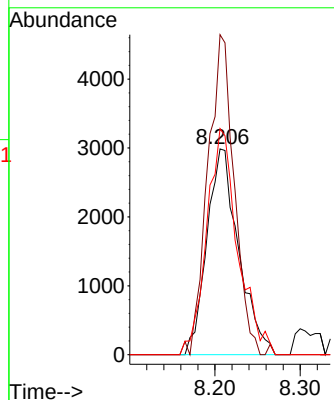
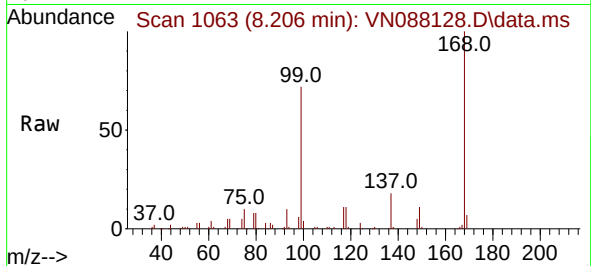




#31
Cyclohexane
Concen: 1.487 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

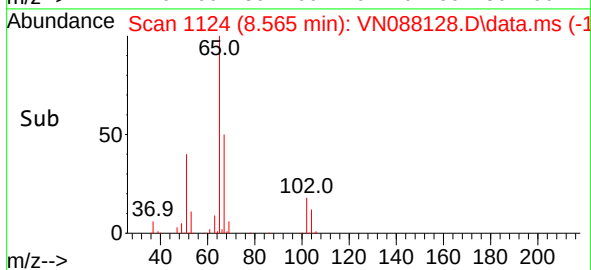
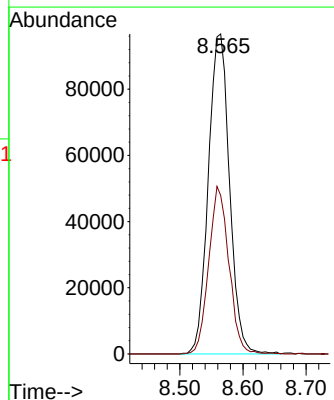
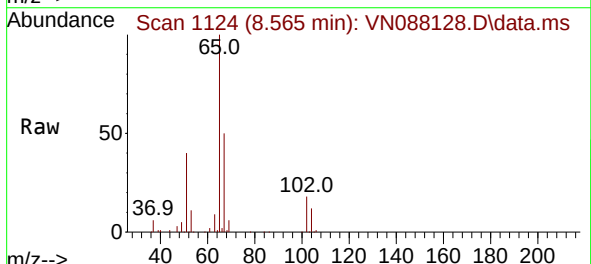
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

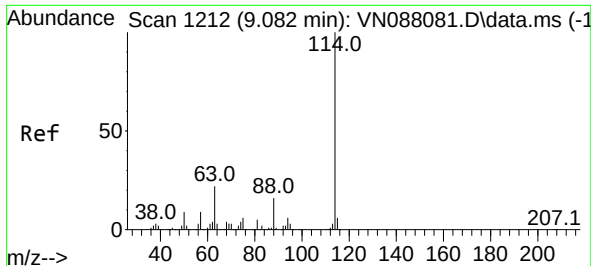
Tgt Ion: 56 Resp: 7731
Ion Ratio Lower Upper
56 100
69 155.6 23.7 35.5#
84 109.9 64.7 97.1#



#33
1,2-Dichloroethane-d4
Concen: 60.633 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 65 Resp: 225211
Ion Ratio Lower Upper
65 100
67 49.8 0.0 100.0

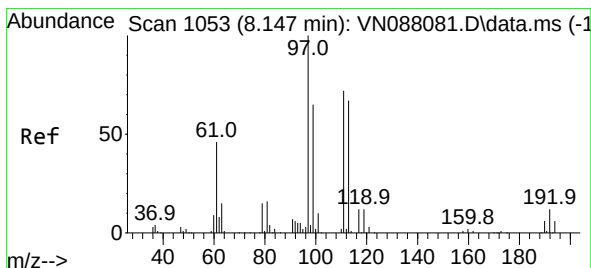
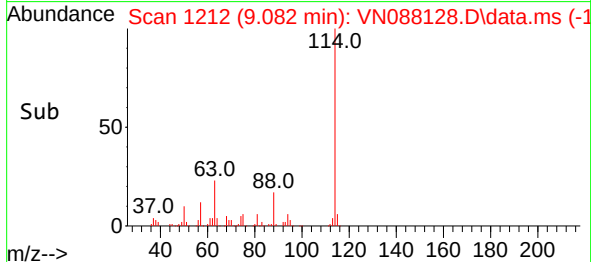
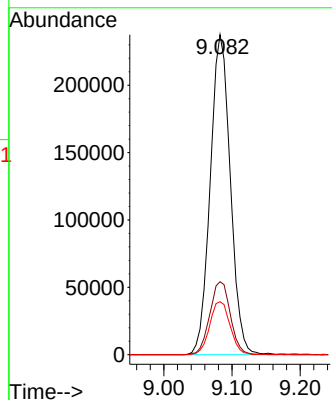
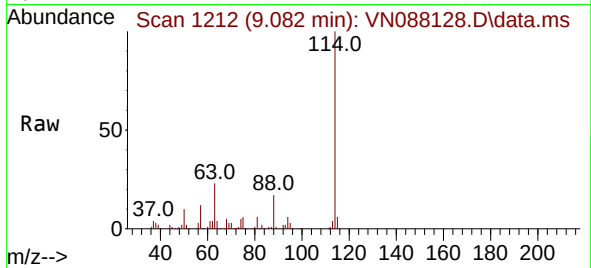




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

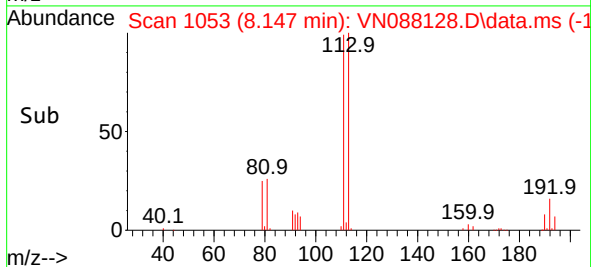
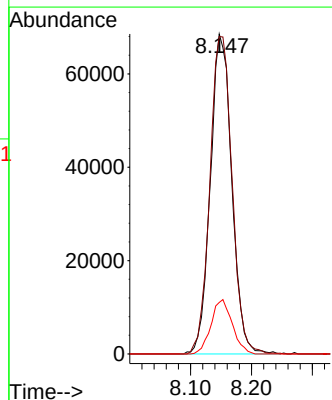
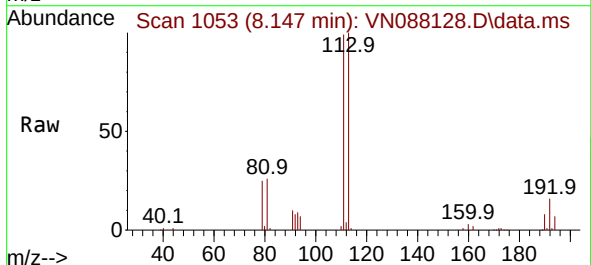
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

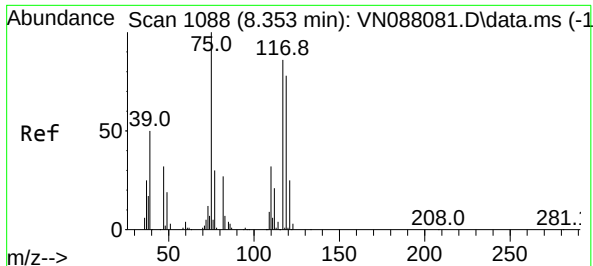
Tgt Ion:114 Resp: 487153
Ion Ratio Lower Upper
114 100
63 22.8 0.0 45.2
88 16.5 0.0 33.4



#35
Dibromofluoromethane
Concen: 51.149 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:113 Resp: 167396
Ion Ratio Lower Upper
113 100
111 102.8 82.8 124.2
192 16.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 0.253 ug/l

RT: 8.341 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN1028MBL01

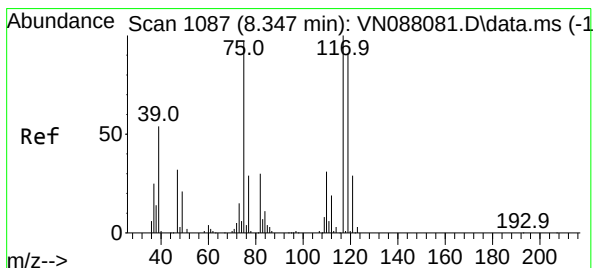
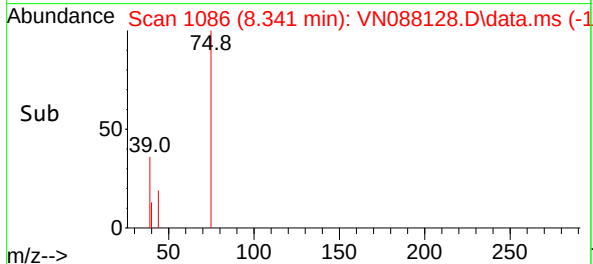
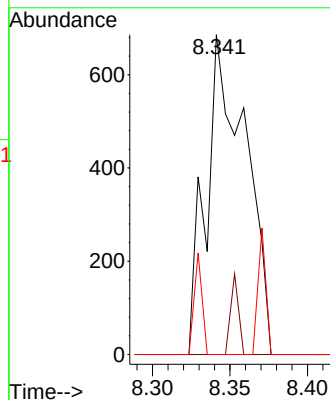
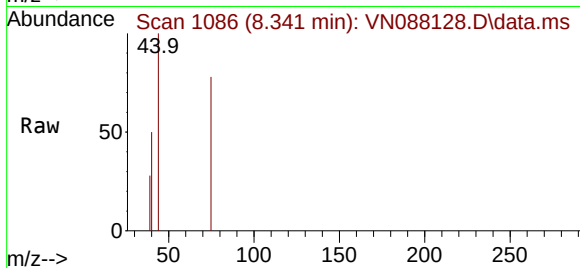
Tgt Ion: 75 Resp: 1209

Ion Ratio Lower Upper

75 100

110 0.0 15.9 47.6#

77 6.4 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.073 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.130 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

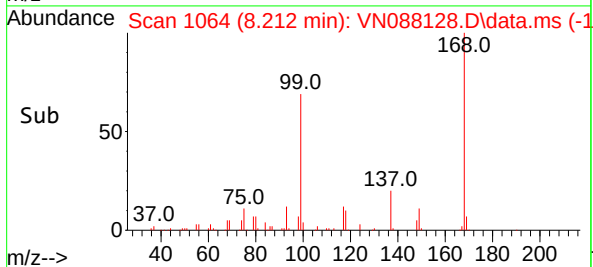
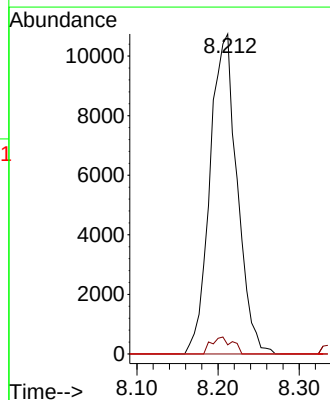
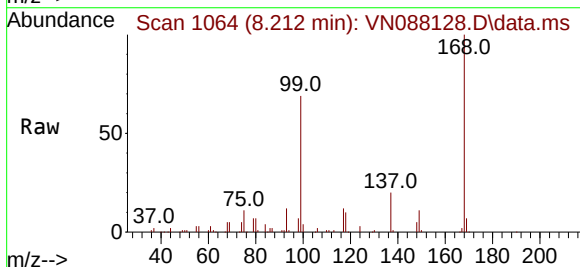
Tgt Ion: 117 Resp: 25038

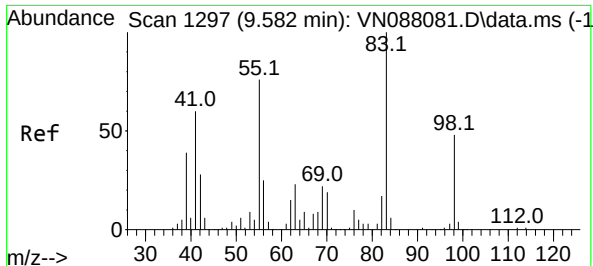
Ion Ratio Lower Upper

117 100

119 2.9 79.0 118.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.266 ug/l

RT: 9.594 min Scan# 1

Delta R.T. 0.012 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN1028MBL01

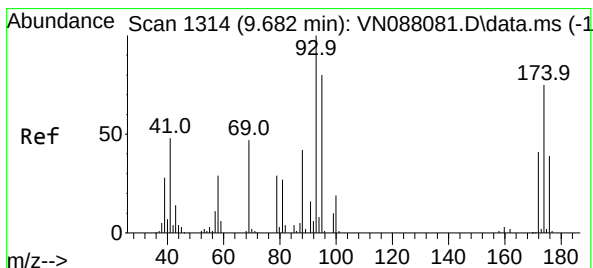
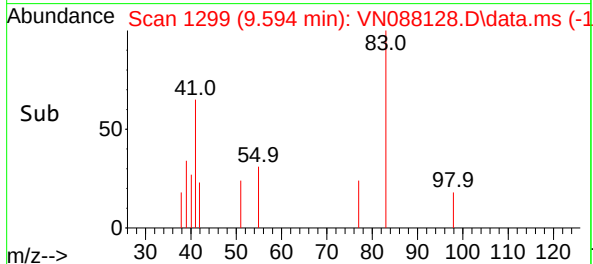
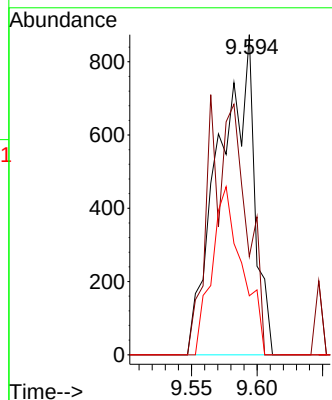
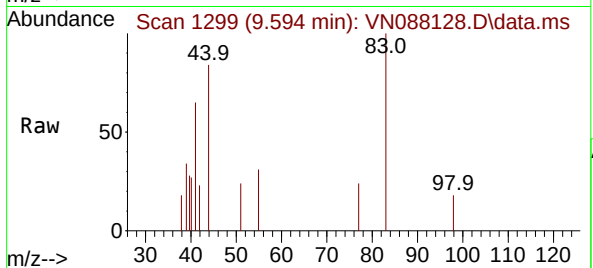
Tgt Ion: 83 Resp: 1632

Ion Ratio Lower Upper

83 100

55 30.7 64.6 96.8#

98 18.4 38.4 57.6#



#49

1,4-Dioxane

Concen: 3.768 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

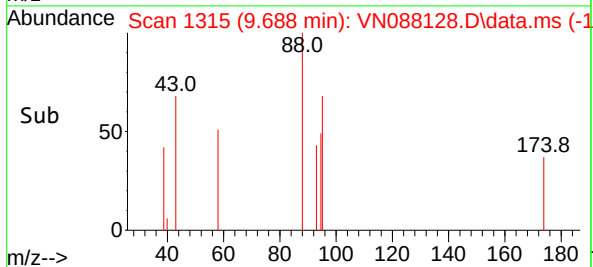
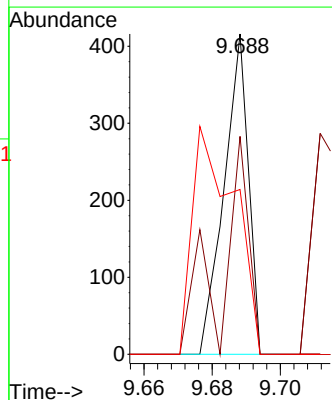
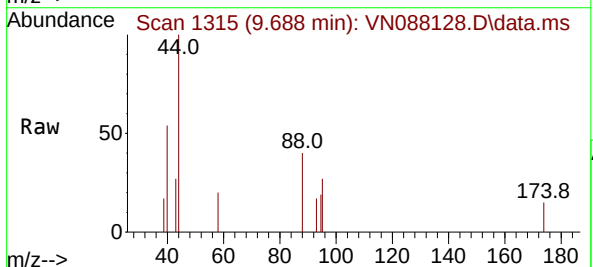
Tgt Ion: 88 Resp: 205

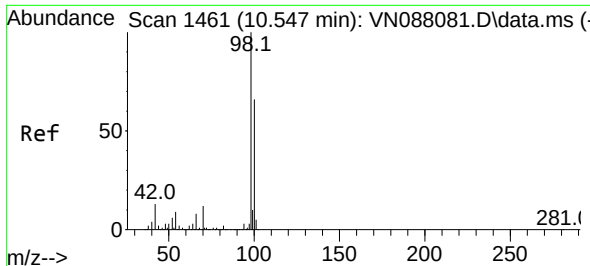
Ion Ratio Lower Upper

88 100

43 76.6 0.0 0.0#

58 122.9 57.9 86.9#

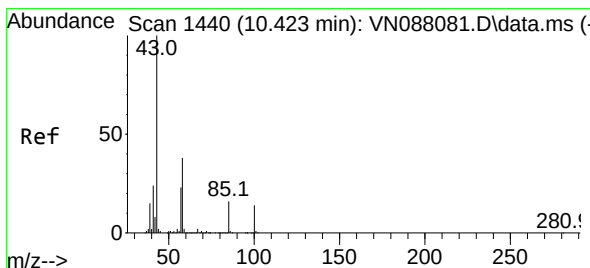
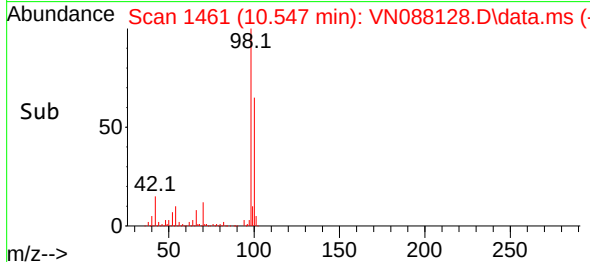
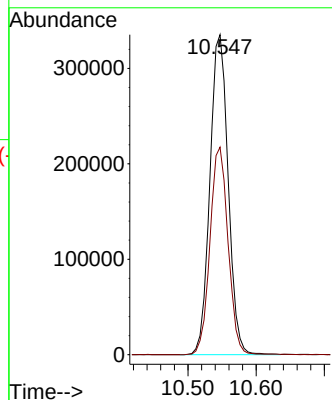
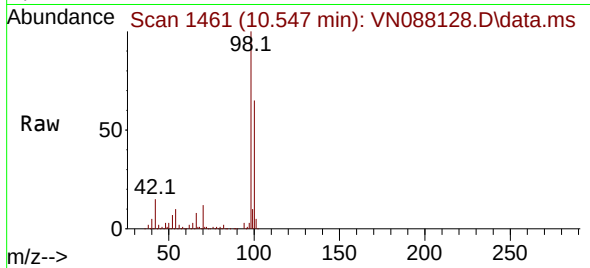




#50
Toluene-d8
Concen: 49.510 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

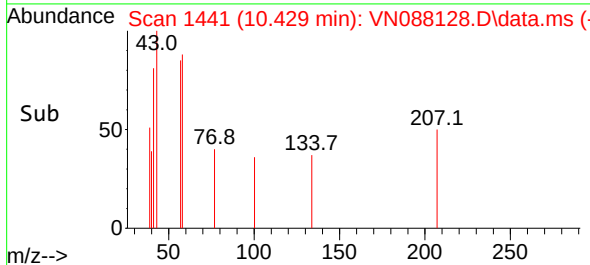
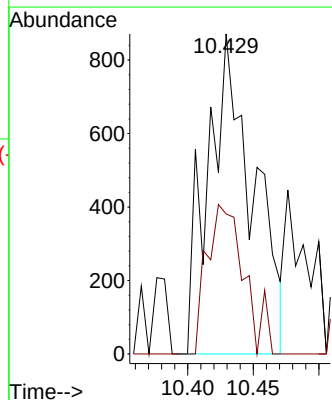
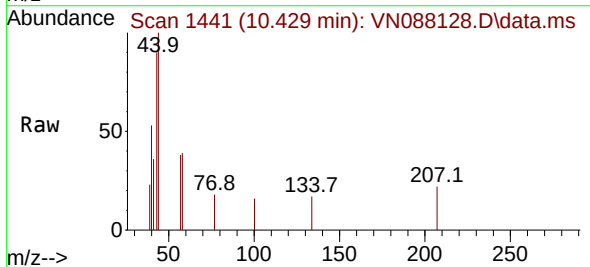
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

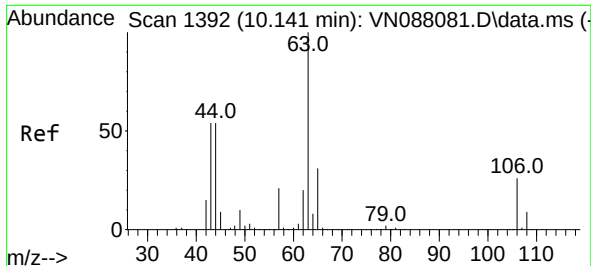
Tgt Ion: 98 Resp: 624342
Ion Ratio Lower Upper
98 100
100 64.3 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 0.371 ug/l
RT: 10.429 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 43 Resp: 2082
Ion Ratio Lower Upper
43 100
58 38.7 29.6 44.4

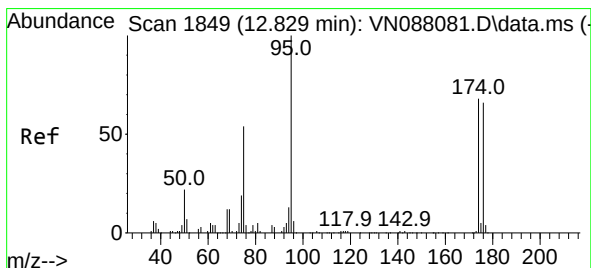
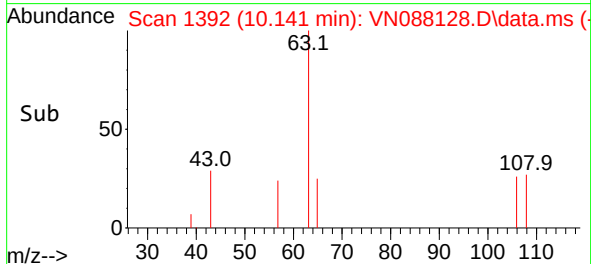
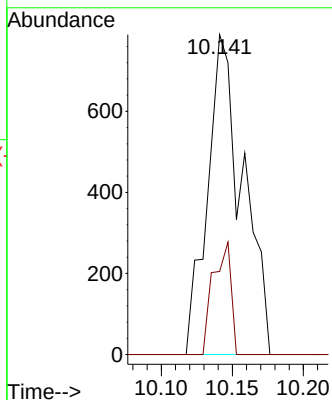
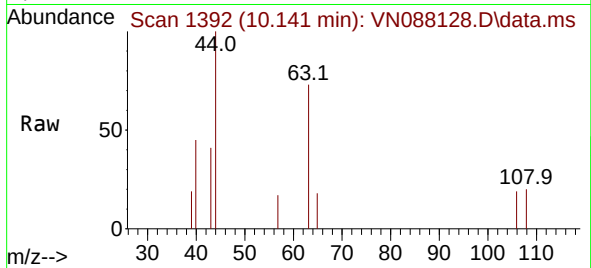




#58
2-Chloroethyl Vinyl ether
Concen: 0.488 ug/l
RT: 10.141 min Scan# 1392
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

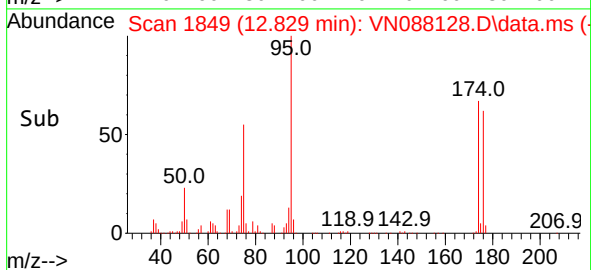
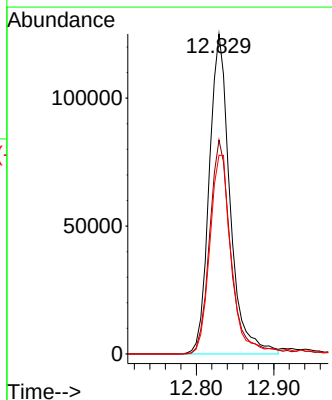
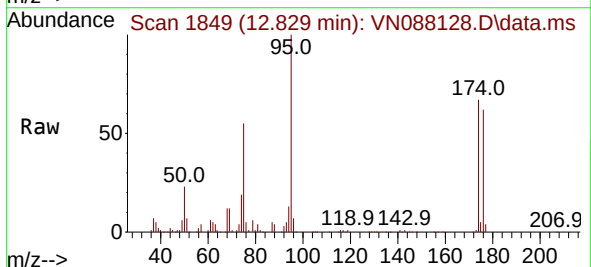
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

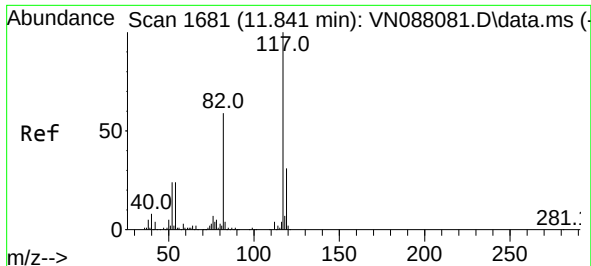
Tgt Ion: 63 Resp: 1367
Ion Ratio Lower Upper
63 100
106 17.6 21.1 31.7#



#62
4-Bromofluorobenzene
Concen: 52.324 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 95 Resp: 233024
Ion Ratio Lower Upper
95 100
174 68.2 0.0 138.4
176 65.4 0.0 132.6

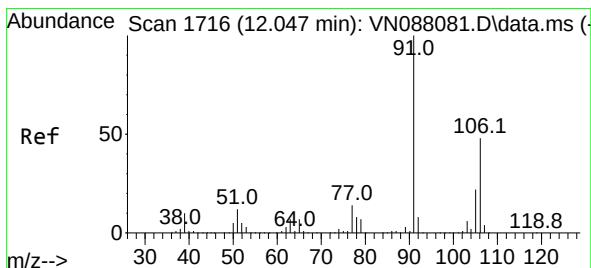
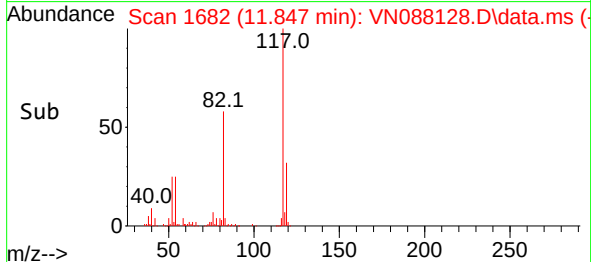
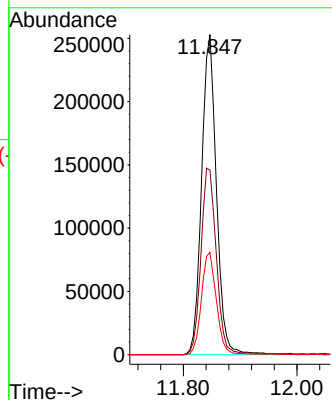
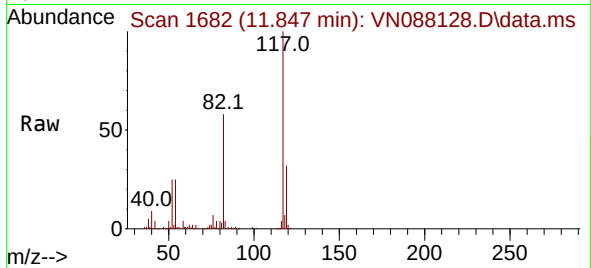




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 117
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

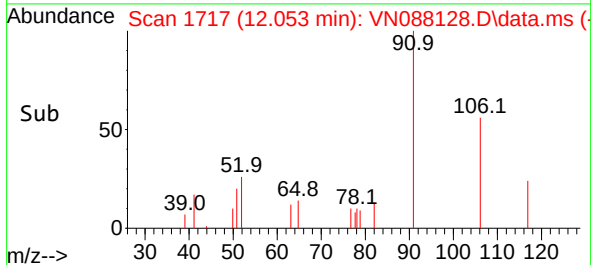
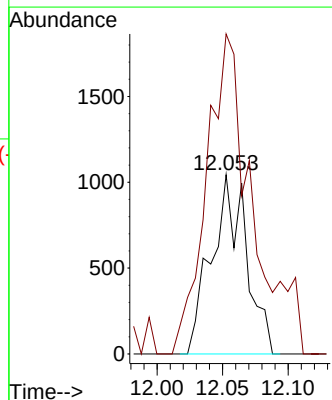
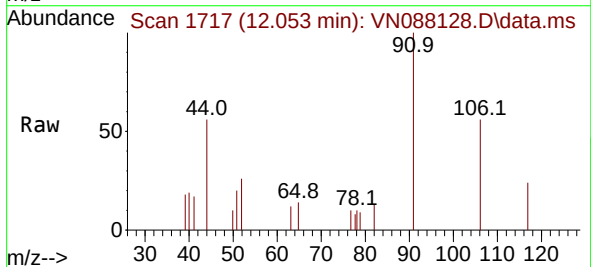
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

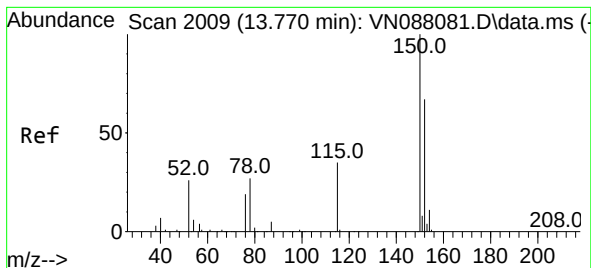
Tgt Ion:117 Resp: 458247
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.0 24.3 36.5



#68
m/p-Xylenes
Concen: 0.281 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:106 Resp: 1925
Ion Ratio Lower Upper
106 100
91 212.2 169.3 253.9





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN1028MBL01

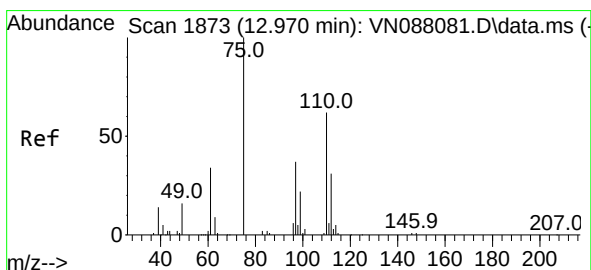
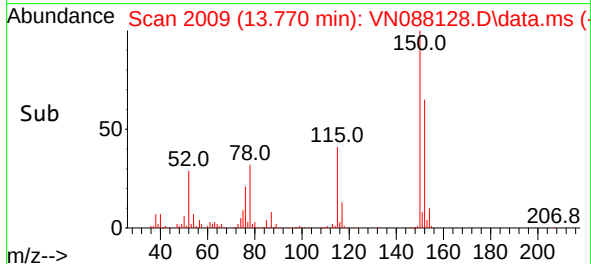
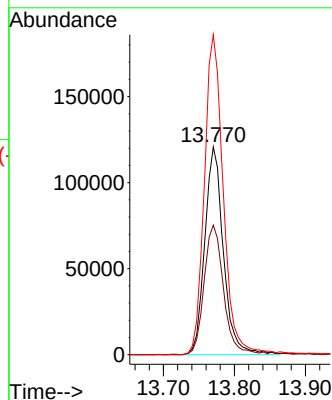
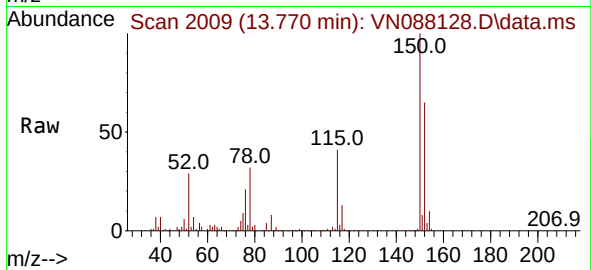
Tgt Ion:152 Resp: 220652

Ion Ratio Lower Upper

152 100

115 64.8 32.3 96.8

150 157.0 0.0 351.0



#76

1,2,3-Trichloropropane

Concen: 26.207 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088128.D

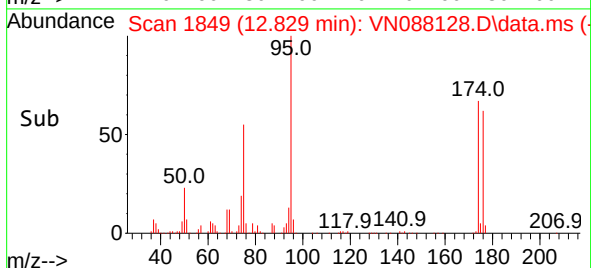
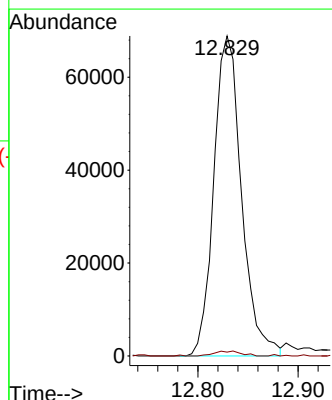
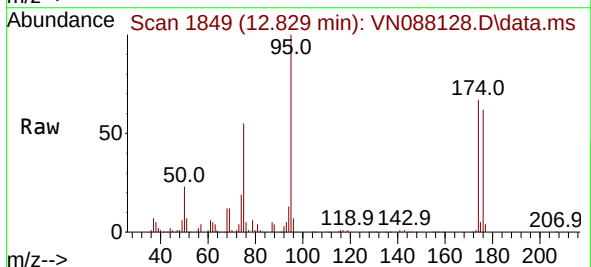
Acq: 28 Oct 2025 10:57

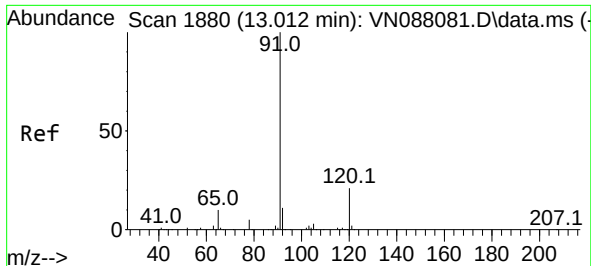
Tgt Ion: 75 Resp: 132209

Ion Ratio Lower Upper

75 100

77 1.5 89.1 267.4#

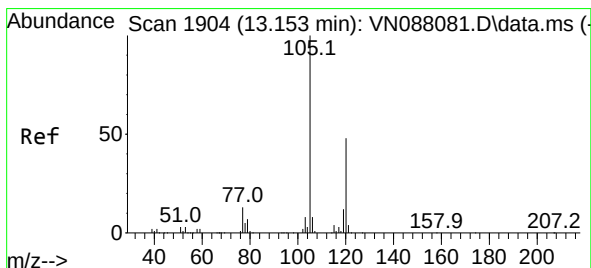
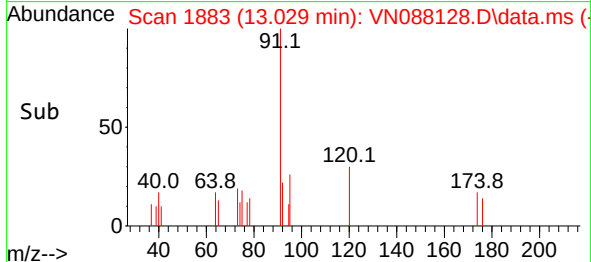
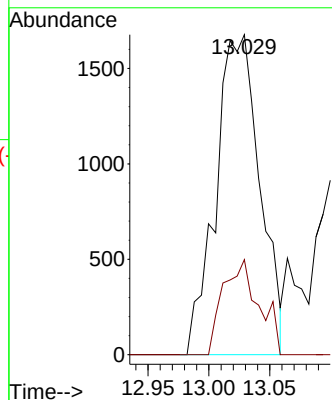
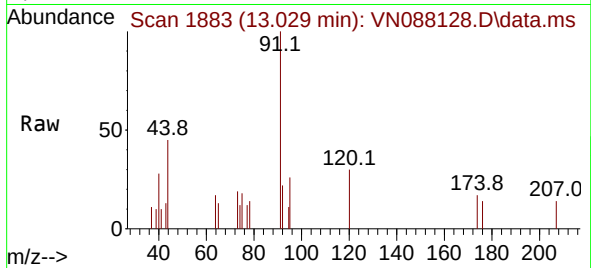




#78
n-propylbenzene
Concen: 0.204 ug/l
RT: 13.029 min Scan# 1883
Delta R.T. 0.017 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

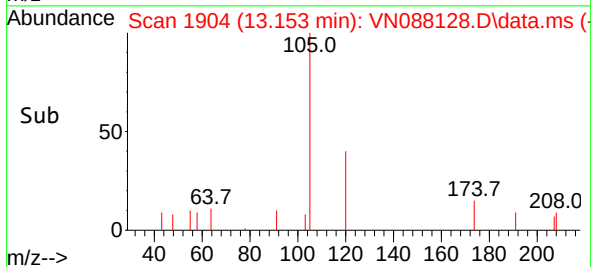
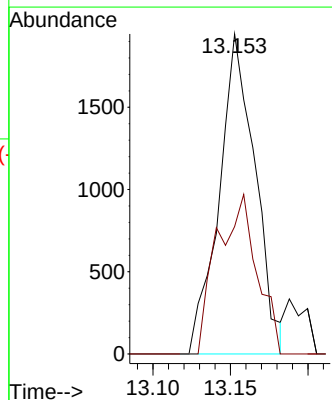
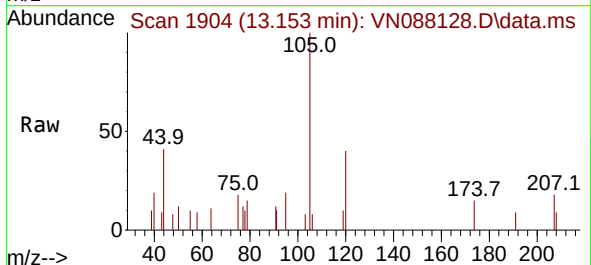
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

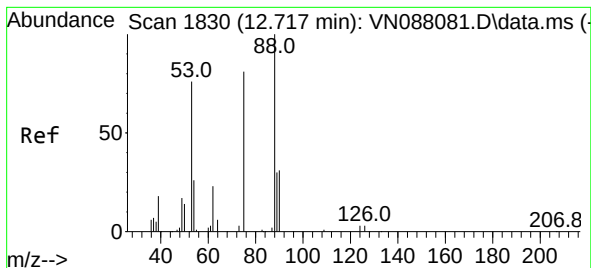
Tgt Ion: 91 Resp: 4229
Ion Ratio Lower Upper
91 100
120 24.1 10.7 32.1



#80
1,3,5-Trimethylbenzene
Concen: 0.223 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:105 Resp: 3147
Ion Ratio Lower Upper
105 100
120 55.2 23.2 69.6

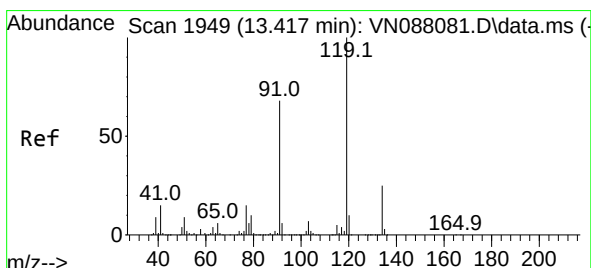
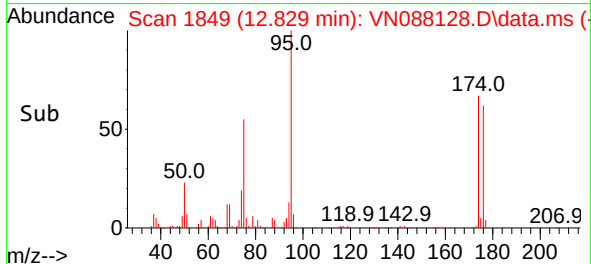
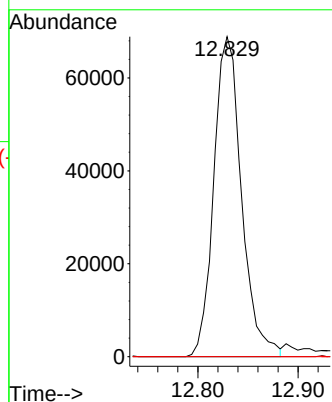
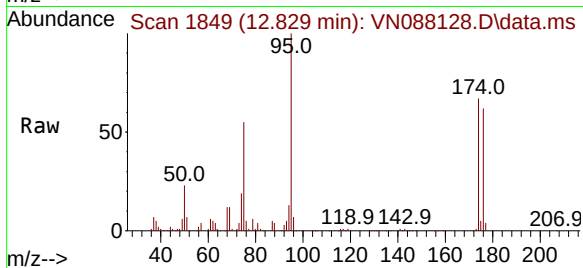




#81
trans-1,4-Dichloro-2-butene
Concen: 73.105 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

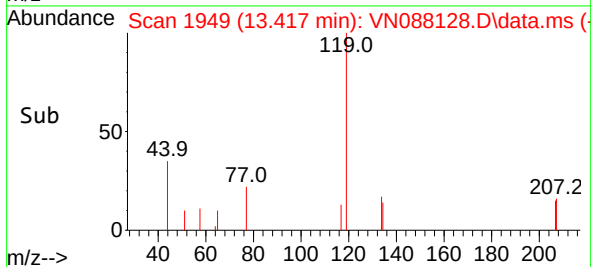
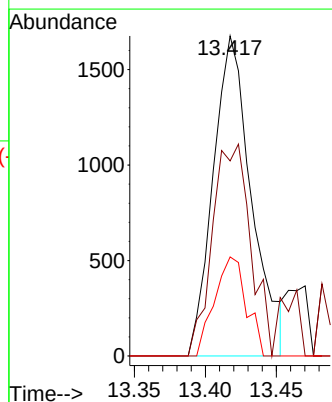
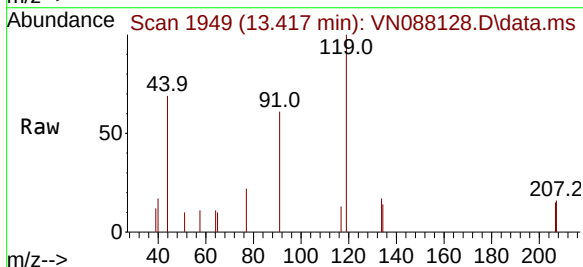
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

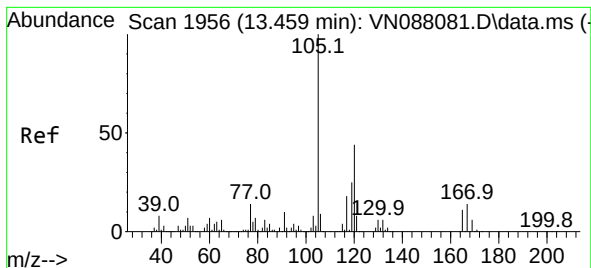
Tgt Ion: 75 Resp: 132209
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#



#83
tert-Butylbenzene
Concen: 0.250 ug/l
RT: 13.417 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 119 Resp: 3154
Ion Ratio Lower Upper
119 100
91 65.8 35.0 105.0
134 25.6 12.6 37.8





#84

1,2,4-Trimethylbenzene

Concen: 0.254 ug/l

RT: 13.470 min Scan# 1956

Delta R.T. 0.012 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

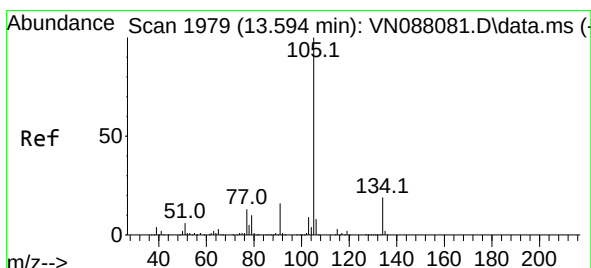
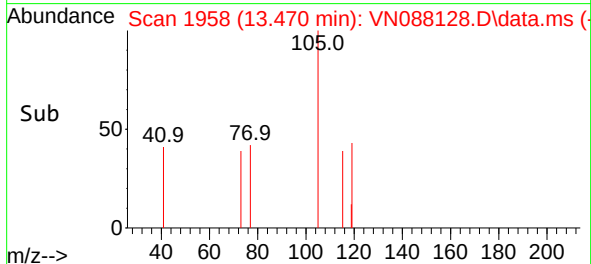
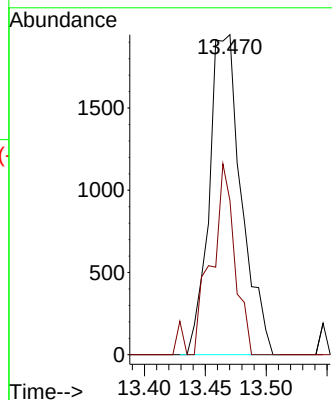
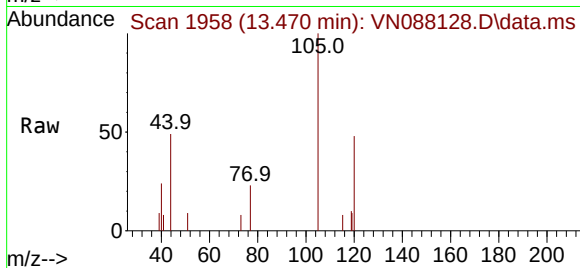
VN1028MBL01

Tgt Ion:105 Resp: 3588

Ion Ratio Lower Upper

105 100

120 42.6 22.0 66.0



#85

sec-Butylbenzene

Concen: 0.273 ug/l

RT: 13.600 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VN088128.D

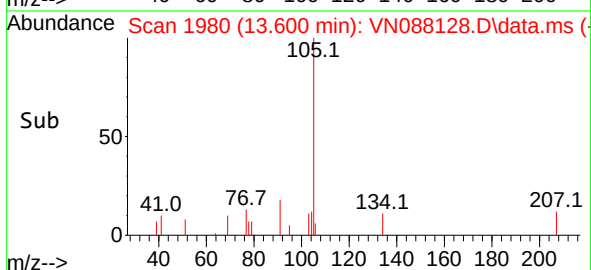
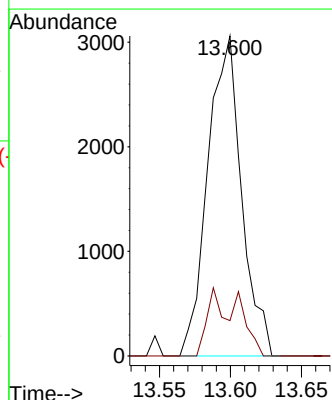
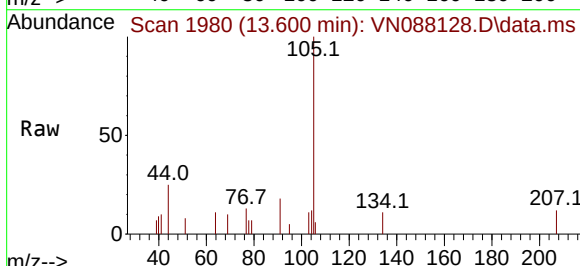
Acq: 28 Oct 2025 10:57

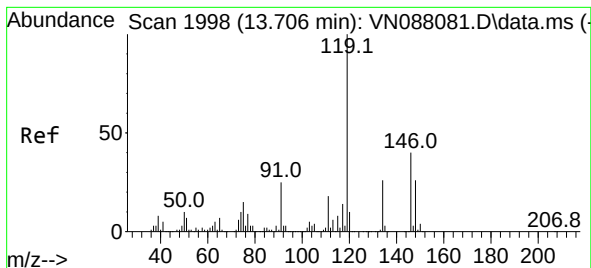
Tgt Ion:105 Resp: 5058

Ion Ratio Lower Upper

105 100

134 11.4 9.6 28.6

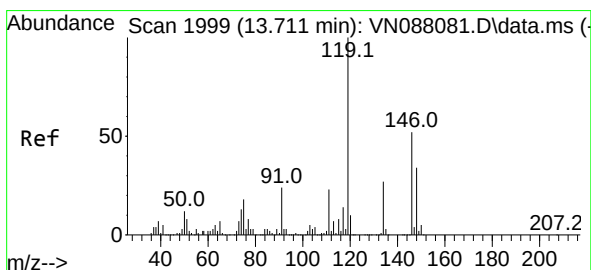
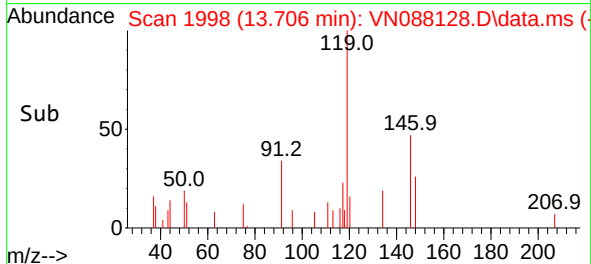
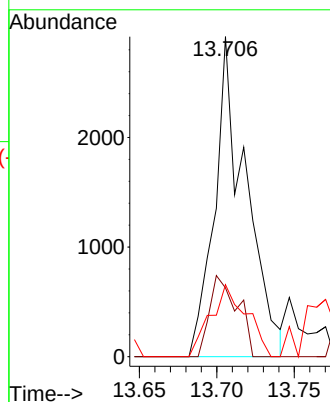
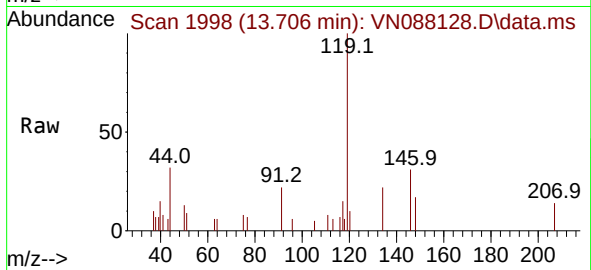




#86
p-Isopropyltoluene
Concen: 0.274 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. -0.000 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

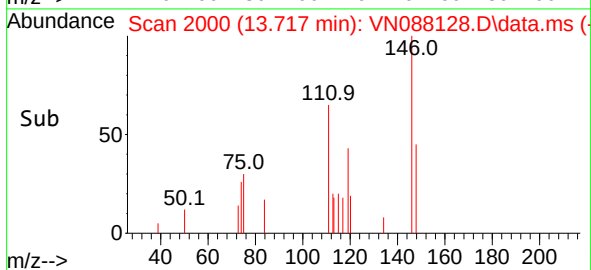
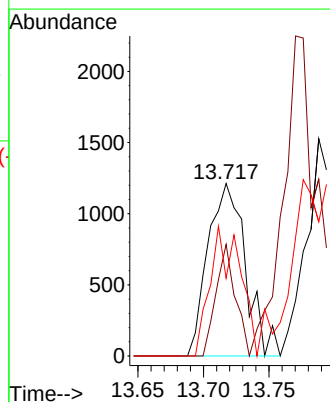
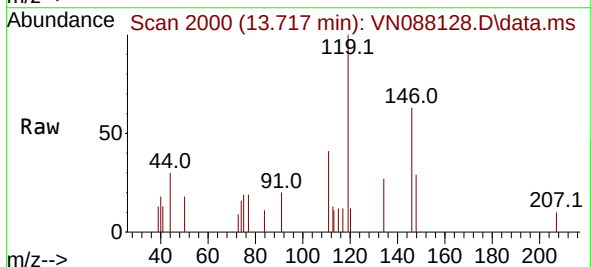
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

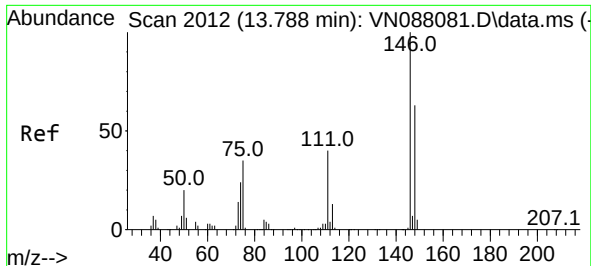
Tgt Ion:119 Resp: 4071
Ion Ratio Lower Upper
119 100
134 22.7 12.7 38.0
91 26.0 12.5 37.5



#87
1,3-Dichlorobenzene
Concen: 0.329 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion:146 Resp: 2413
Ion Ratio Lower Upper
146 100
111 33.4 22.1 66.5
148 59.8 32.0 96.2

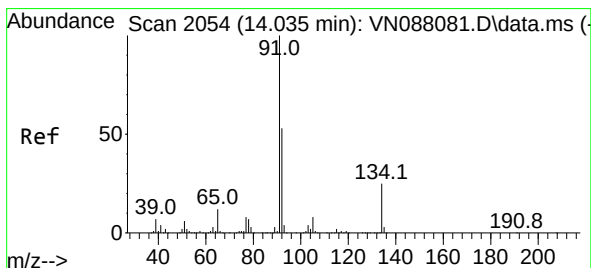
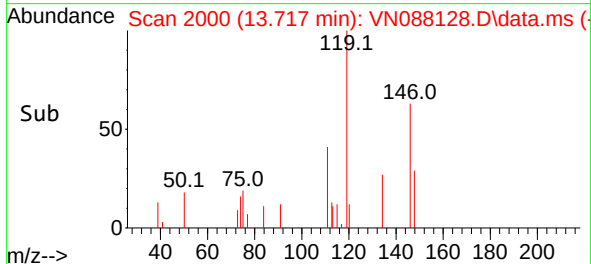
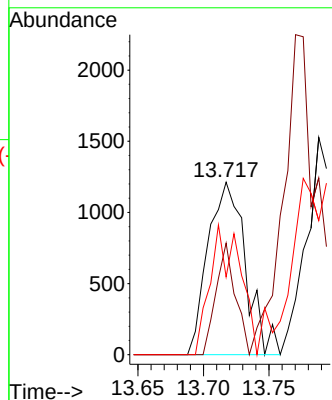
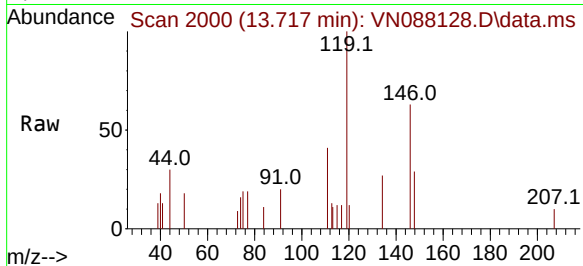




#88
1,4-Dichlorobenzene
Concen: 0.307 ug/l
RT: 13.717 min Scan# 2000
Delta R.T. -0.071 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

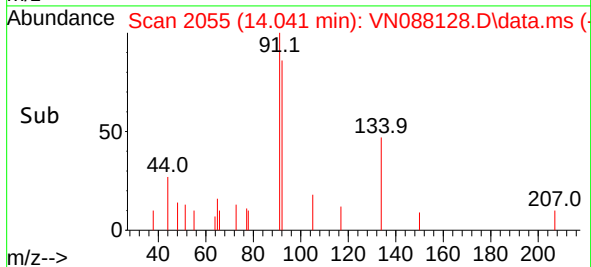
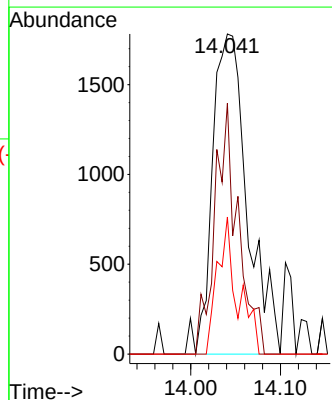
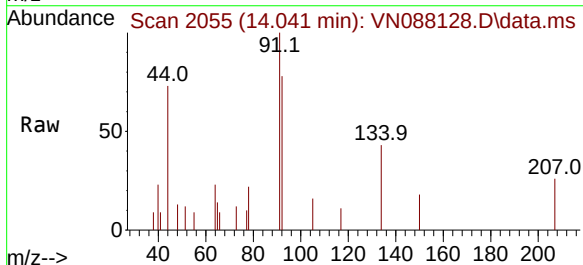
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

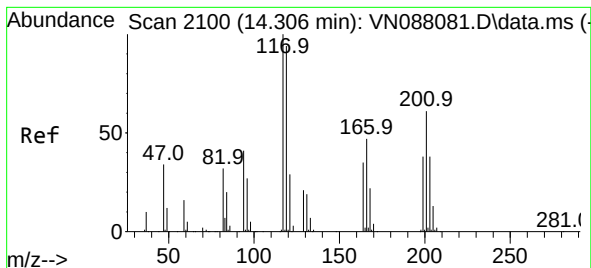
Tgt Ion:146 Resp: 2413
Ion Ratio Lower Upper
146 100
111 33.4 21.0 63.0
148 59.8 32.0 96.0



#89
n-Butylbenzene
Concen: 0.329 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.012 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

Tgt Ion: 91 Resp: 4843
Ion Ratio Lower Upper
91 100
92 52.4 25.9 77.8
134 18.6 11.7 35.0





#90

Hexachloroethane

Concen: 0.229 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

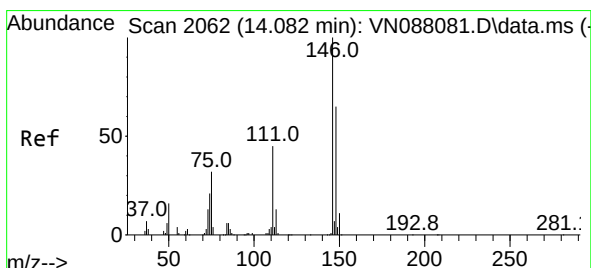
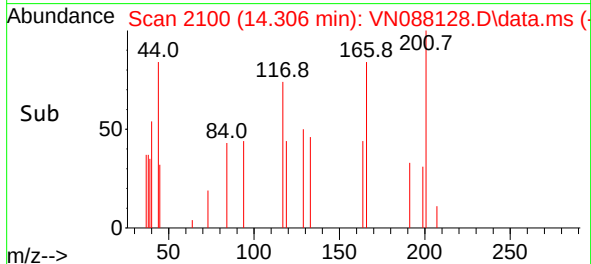
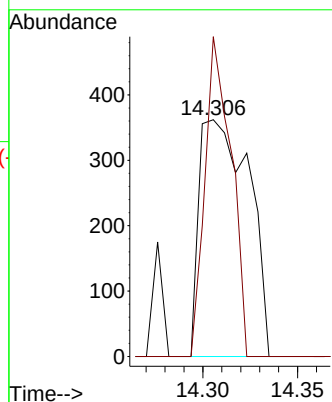
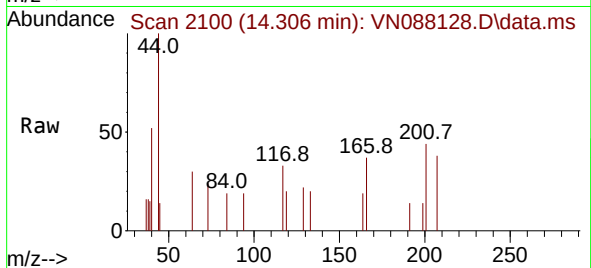
VN1028MBL01

Tgt Ion:117 Resp: 661

Ion Ratio Lower Upper

117 100

201 71.3 29.1 87.4



#91

1,2-Dichlorobenzene

Concen: 0.236 ug/l

RT: 14.094 min Scan# 2064

Delta R.T. 0.012 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

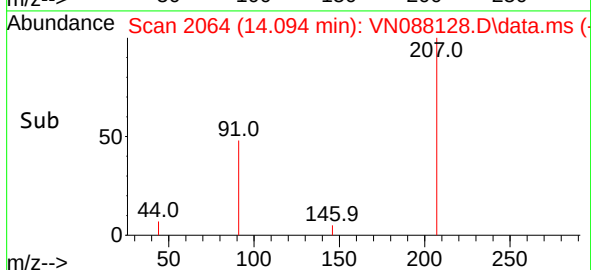
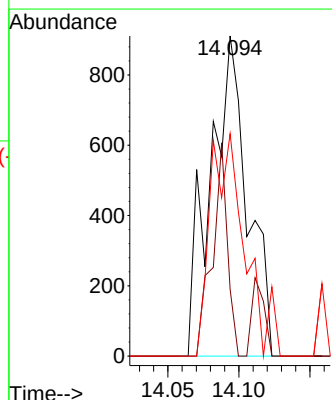
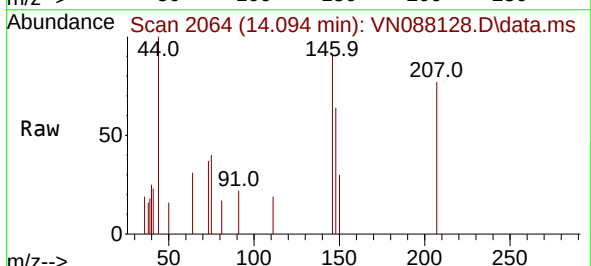
Tgt Ion:146 Resp: 1670

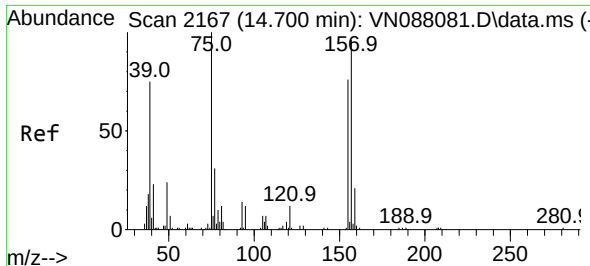
Ion Ratio Lower Upper

146 100

111 27.0 22.6 67.8

148 64.1 31.9 95.9





#92

1,2-Dibromo-3-Chloropropane

Concen: 0.370 ug/l

RT: 14.711 min Scan# 2169

Delta R.T. 0.012 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

Instrument :

MSVOA_N

ClientSampleId :

VN1028MBL01

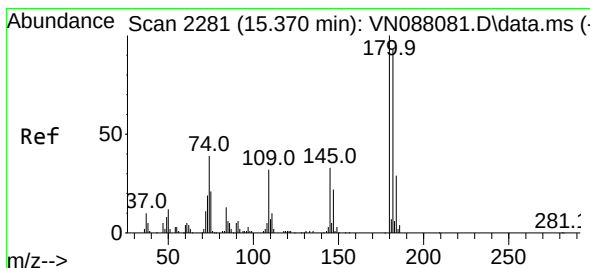
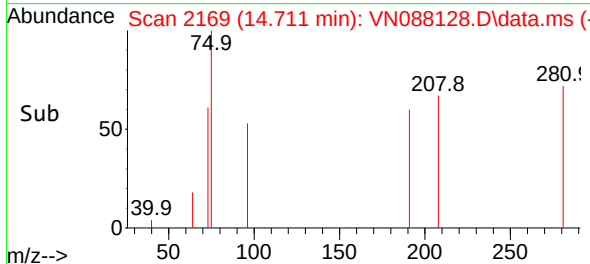
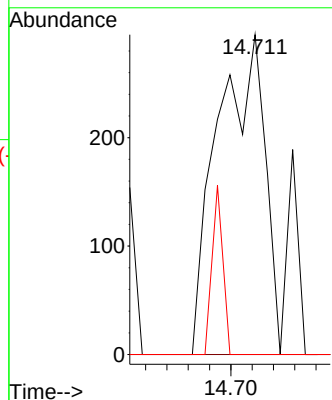
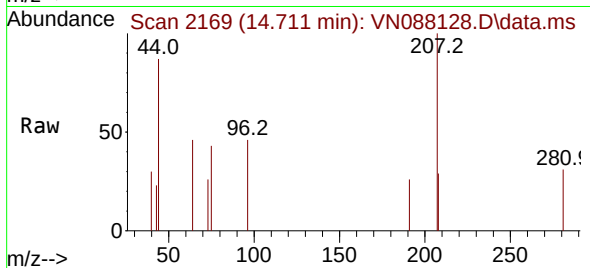
Tgt Ion: 75 Resp: 456

Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

157 12.1 45.6 136.9#



#93

1,2,4-Trichlorobenzene

Concen: 0.644 ug/l

RT: 15.364 min Scan# 2280

Delta R.T. -0.000 min

Lab File: VN088128.D

Acq: 28 Oct 2025 10:57

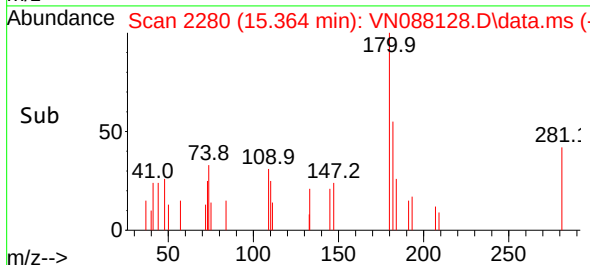
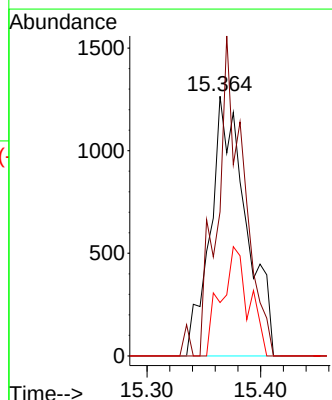
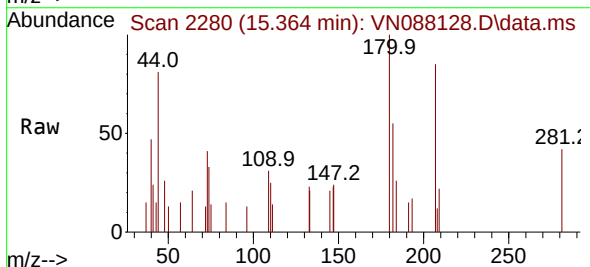
Tgt Ion: 180 Resp: 2756

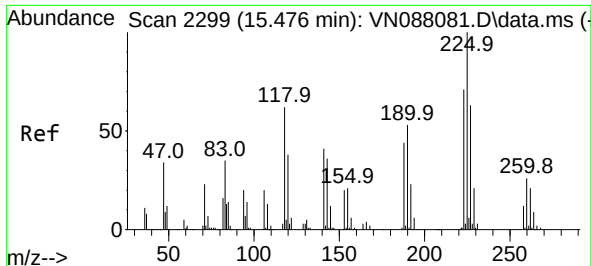
Ion Ratio Lower Upper

180 100

182 92.5 47.6 142.9

145 32.5 16.5 49.5

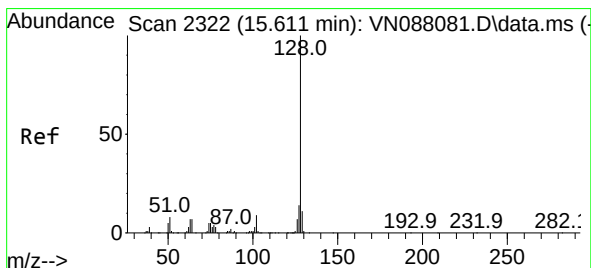
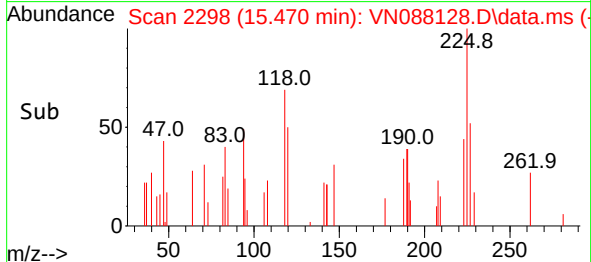
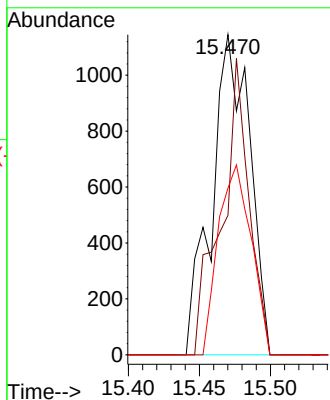
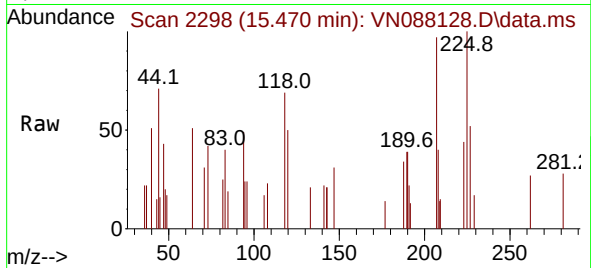




#94
Hexachlorobutadiene
Concen: 1.339 ug/l
RT: 15.470 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

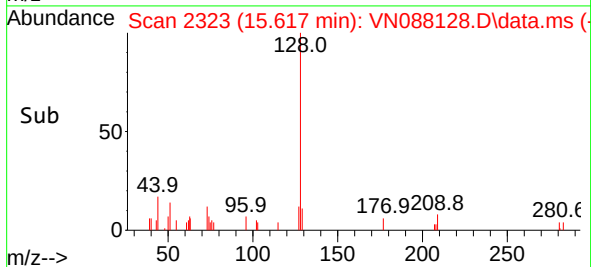
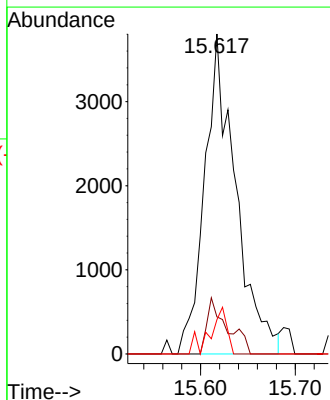
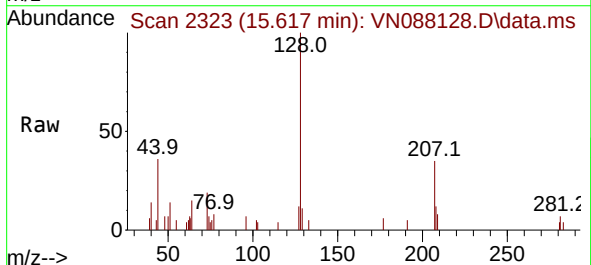
Instrument :
MSVOA_N
ClientSampleId :
VN1028MBL01

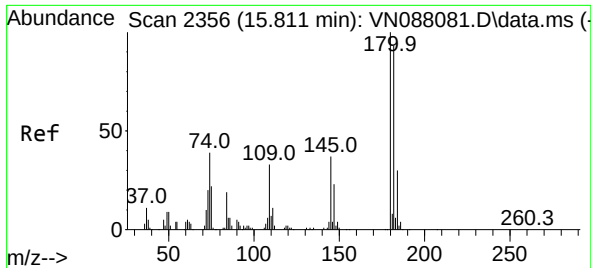
Tgt Ion:225 Resp: 2132
Ion Ratio Lower Upper
225 100
223 67.1 32.0 96.2
227 51.4 32.1 96.5



#95
Naphthalene
Concen: 0.590 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN088128.D
Acq: 28 Oct 2025 10:57

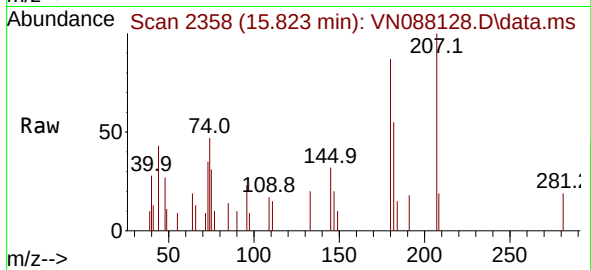
Tgt Ion:128 Resp: 8651
Ion Ratio Lower Upper
128 100
127 11.4 10.6 15.8
129 6.8 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.684 ug/l
 RT: 15.823 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: VN088128.D
 Acq: 28 Oct 2025 10:57

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1028MBL01



Tgt Ion:	180	Resp:	2805
Ion	Ratio	Lower	Upper
180	100		
182	84.7	46.8	140.3
145	21.5	17.3	52.0

