

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088184.D
 Acq On : 31 Oct 2025 13:39
 Operator : JC\MD
 Sample : Q3447-03
 Misc : 3.12g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW2-251023-01

Quant Time: Nov 01 00:32:38 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		8.200	168	276191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene		9.076	114	636604	50.000	ug/l	0.00
63) Chlorobenzene-d5		11.841	117	597605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4		13.770	152	292293	50.000	ug/l	0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4		8.559	65	303661	63.582	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	127.160%	#
35) Dibromofluoromethane		8.147	113	214820	50.230	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	100.460%	
50) Toluene-d8		10.541	98	823680	49.984	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	99.960%	
62) 4-Bromofluorobenzene		12.829	95	333219	57.256	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	114.520%	
Target Compounds							
						Qvalue	
3) Chloromethane		2.383	50	869	0.237	ug/l #	62
10) Methyl Iodide		4.571	142	5732	5.830	ug/l #	81
11) Tert butyl alcohol		5.483	59	6727	8.176	ug/l #	71
16) Acetone		4.424	43	4155	1.732	ug/l	98
17) Carbon Disulfide		4.671	76	4470	0.424	ug/l #	74
18) Methyl Acetate		5.018	43	24611	5.010	ug/l	98
20) Methylene Chloride		5.241	84	1748	1.234	ug/l #	76
25) 2-Butanone		7.488	43	2461	0.778	ug/l	95
31) Cyclohexane		8.206	56	11429	1.710	ug/l #	18
36) 1,1-Dichloropropene		8.200	75	27194	4.355	ug/l #	53
38) Carbon Tetrachloride		8.200	117	33439	5.185	ug/l #	13
40) Benzene		8.582	78	5243	0.276	ug/l	97
44) Trichloroethene		9.335	130	2574	0.579	ug/l	63
46) Dibromomethane		9.671	93	891	0.260	ug/l #	38
49) 1,4-Dioxane		9.576	88	56	0.788	ug/l #	13
52) Toluene		10.606	92	12993	1.108	ug/l	97
55) 1,1,2-Trichloroethane		10.988	97	3147	0.707	ug/l #	22
58) 2-Chloroethyl Vinyl ether		10.129	63	740	0.202	ug/l #	49
61) 1,2-Dibromoethane		11.470	107	1194	0.261	ug/l	88
66) 1,1,1,2-Tetrachloroethane		11.947	131	2292	0.516	ug/l #	16
67) Ethyl Benzene		11.947	91	10502	0.441	ug/l	91
68) m/p-Xylenes		12.053	106	15338	1.719	ug/l #	64
69) o-Xylene		12.253	106	1696	0.200	ug/l	60
71) Bromoform		12.523	173	3937	1.187	ug/l #	28
74) N-amyl acetate		12.517	43	1411	0.220	ug/l #	9
75) 1,1,2,2-Tetrachloroethane		12.982	83	9502	1.354	ug/l #	9
76) 1,2,3-Trichloropropane		12.829	75	177979	26.633	ug/l #	1
80) 1,3,5-Trimethylbenzene		13.153	105	6159	0.329	ug/l	92
81) trans-1,4-Dichloro-2-b...		12.829	75	177979	74.293	ug/l #	1
82) 4-Chlorotoluene		13.147	91	3755	0.221	ug/l #	43
84) 1,2,4-Trimethylbenzene		13.464	105	26146	1.396	ug/l	97
85) sec-Butylbenzene		13.582	105	6462	0.263	ug/l #	62
86) p-Isopropyltoluene		13.706	119	17637	0.895	ug/l #	82
90) Hexachloroethane		14.517	117	1021	0.267	ug/l	97
92) 1,2-Dibromo-3-Chloropr...		14.658	75	2023	1.238	ug/l #	8
93) 1,2,4-Trichlorobenzene		15.364	180	1928	0.340	ug/l #	1

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

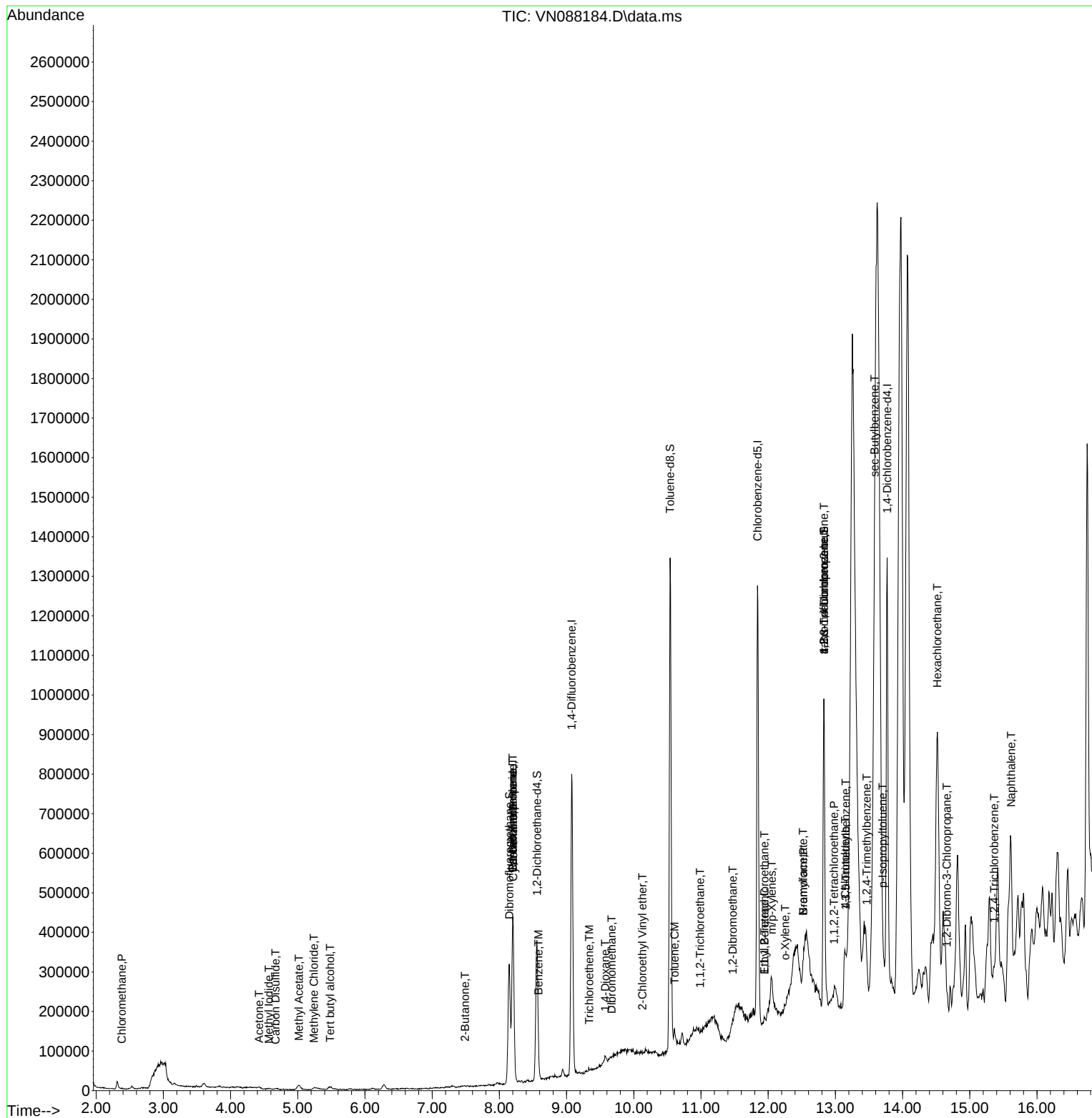
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.617	128	249651	12.863	ug/l #	88

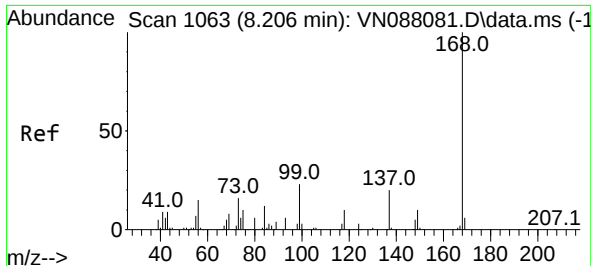
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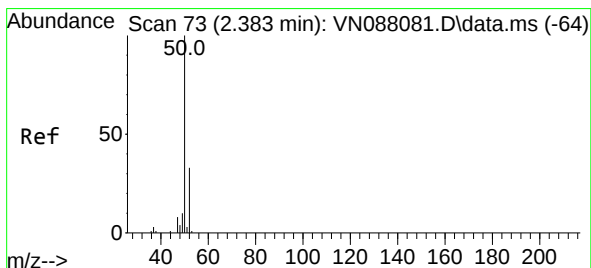
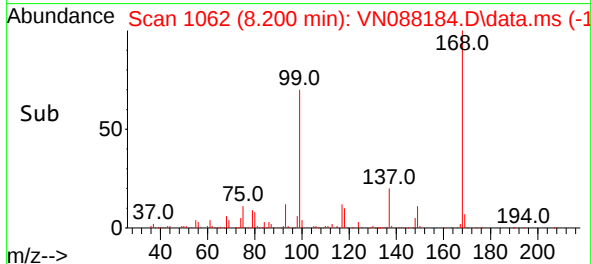
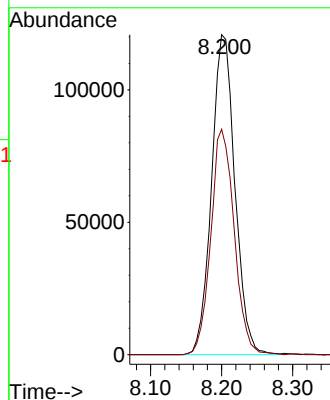
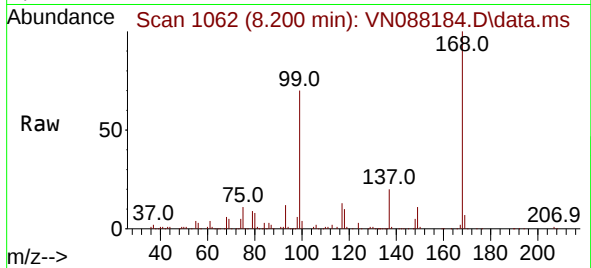




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.200 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN088184.D
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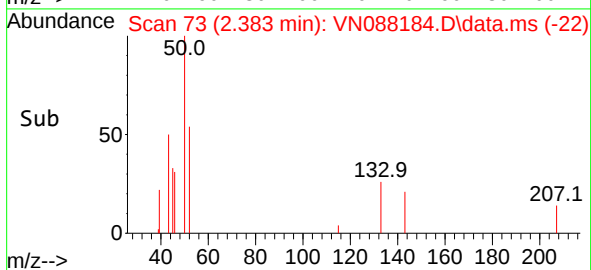
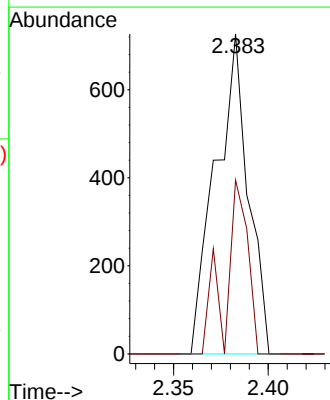
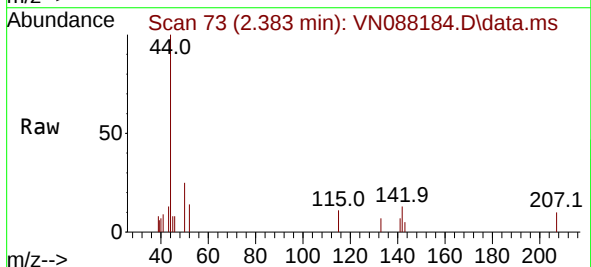
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

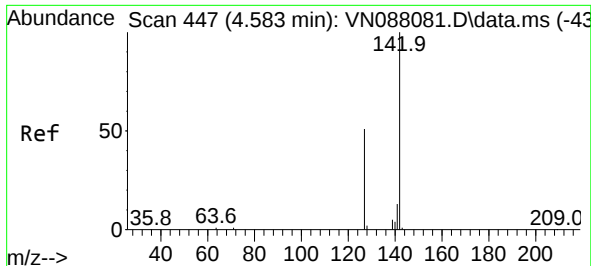
Tgt Ion:168 Resp: 276191
Ion Ratio Lower Upper
168 100
99 70.5 57.2 85.8



#3
Chloromethane
Concen: 0.237 ug/l
RT: 2.383 min Scan# 73
Delta R.T. -0.000 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 50 Resp: 869
Ion Ratio Lower Upper
50 100
52 54.3 26.2 39.4#

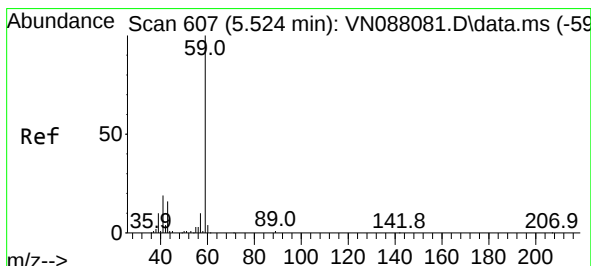
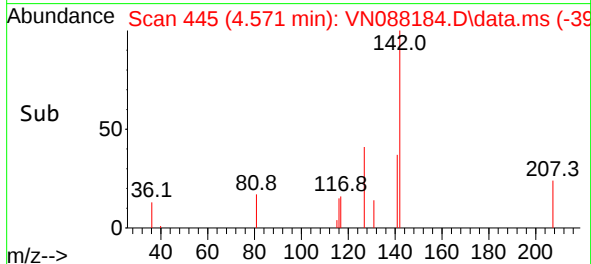
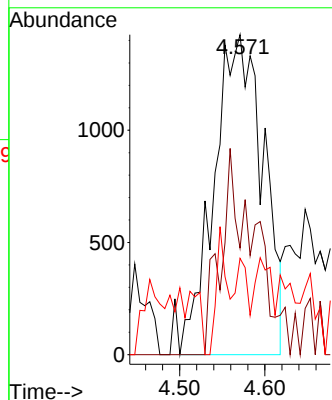
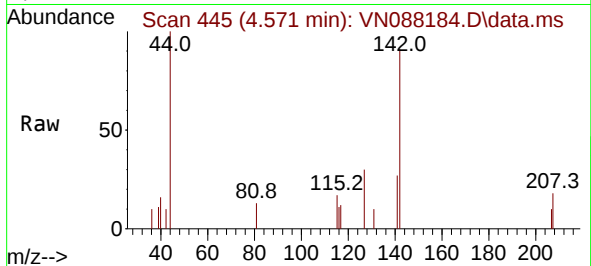




#10
Methyl Iodide
Concen: 5.830 ug/l
RT: 4.571 min Scan# 445
Delta R.T. -0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

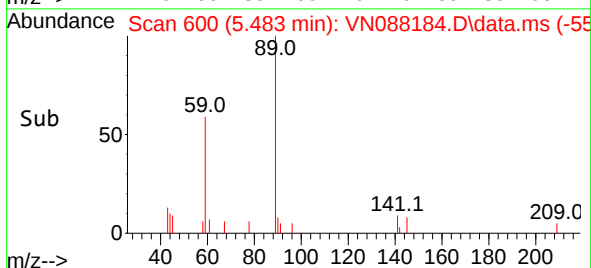
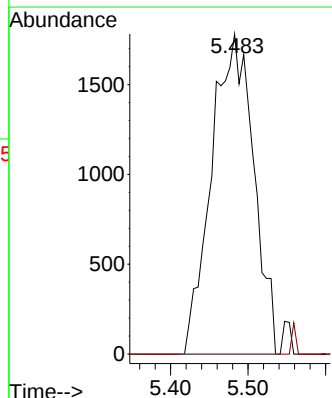
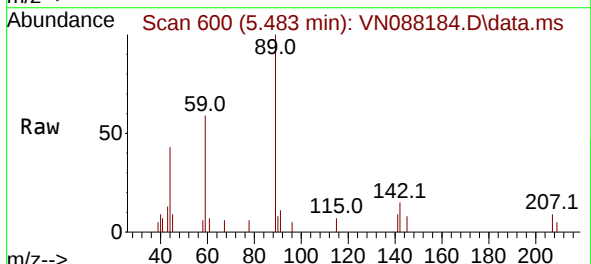
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

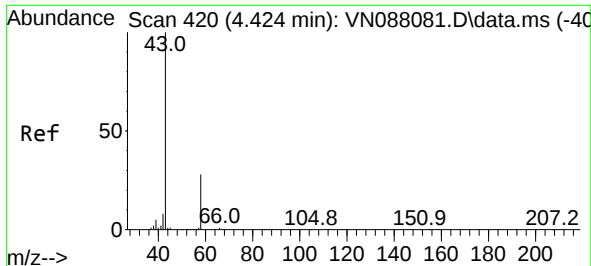
Tgt Ion:142 Resp: 5732
Ion Ratio Lower Upper
142 100
127 33.3 38.0 57.0#
141 9.2 12.0 18.0#



#11
Tert butyl alcohol
Concen: 8.176 ug/l
RT: 5.483 min Scan# 600
Delta R.T. -0.036 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 59 Resp: 6727
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

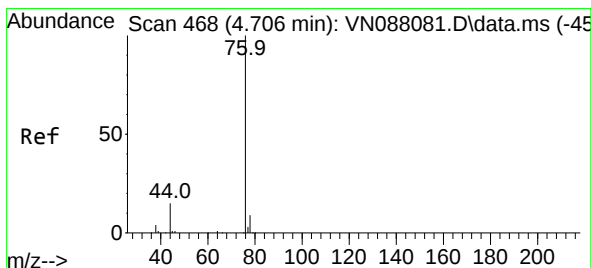
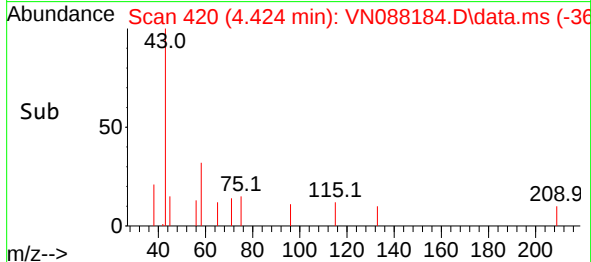
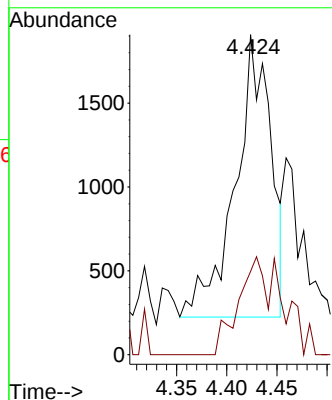
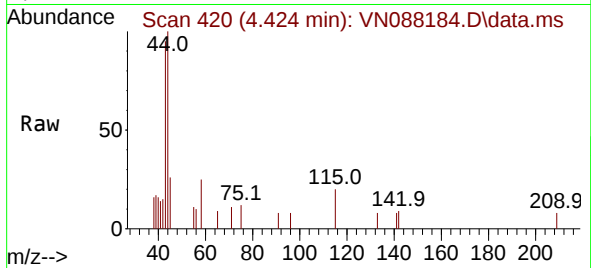




#16
Acetone
Concen: 1.732 ug/l
RT: 4.424 min Scan# 415
Delta R.T. -0.000 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

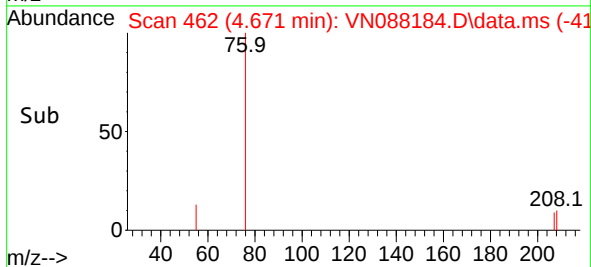
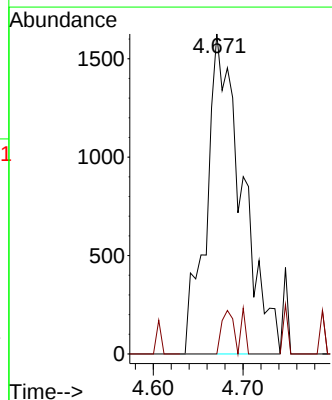
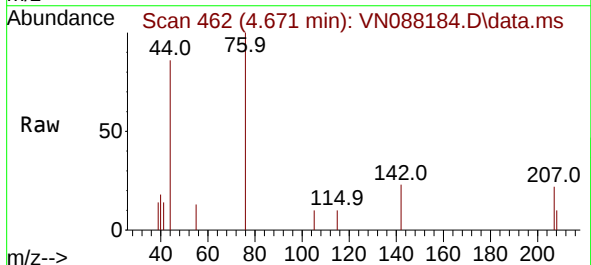
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

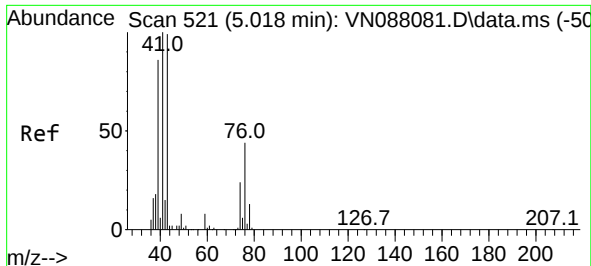
Tgt Ion: 43 Resp: 4155
Ion Ratio Lower Upper
43 100
58 29.5 22.6 33.8



#17
Carbon Disulfide
Concen: 0.424 ug/l
RT: 4.671 min Scan# 462
Delta R.T. -0.030 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 76 Resp: 4470
Ion Ratio Lower Upper
76 100
78 0.0 7.6 11.4#

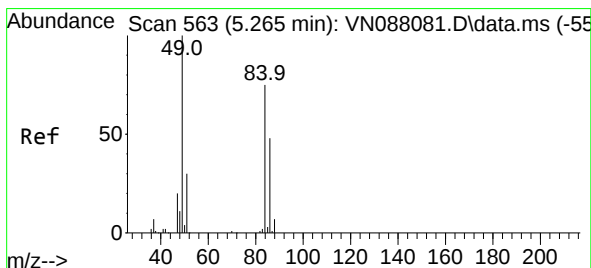
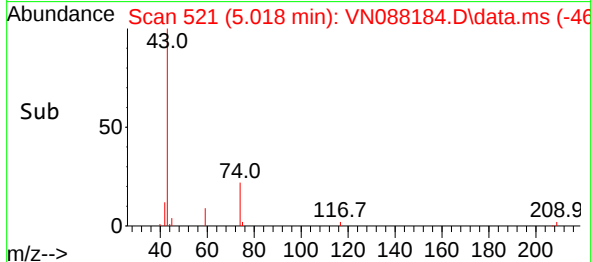
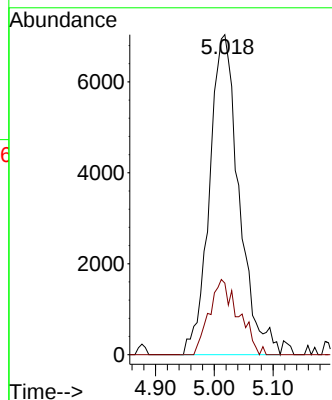
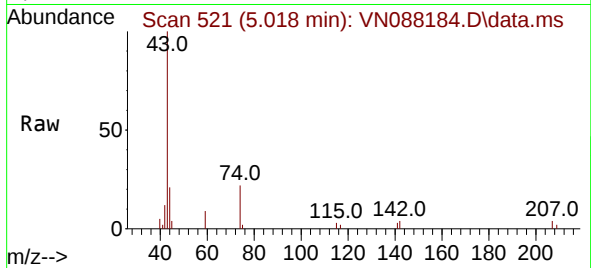




#18
Methyl Acetate
Concen: 5.010 ug/l
RT: 5.018 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

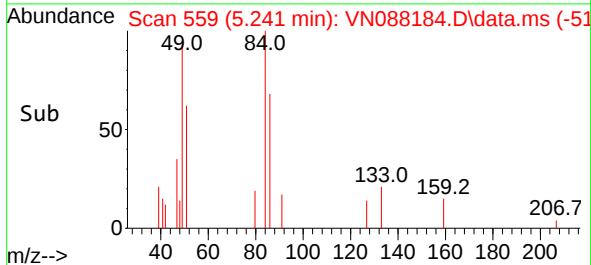
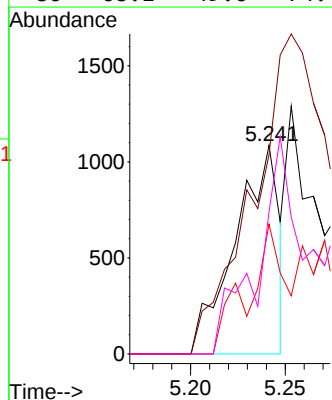
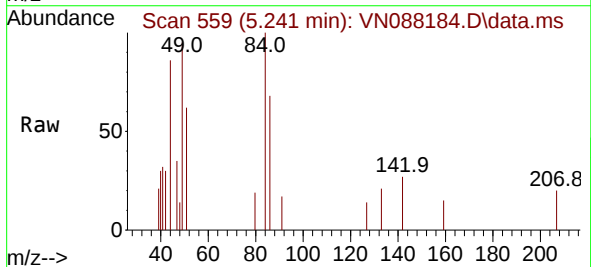
Instrument :
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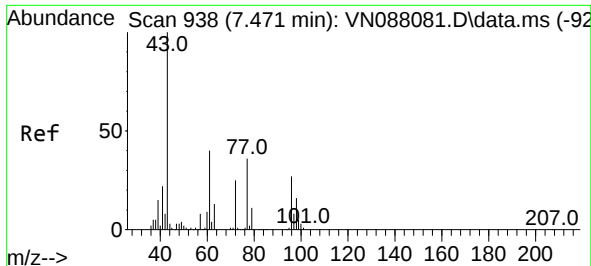
Tgt Ion: 43 Resp: 24611
Ion Ratio Lower Upper
43 100
74 23.1 17.6 26.4



#20
Methylene Chloride
Concen: 1.234 ug/l
RT: 5.241 min Scan# 559
Delta R.T. -0.024 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 84 Resp: 1748
Ion Ratio Lower Upper
84 100
49 95.4 103.4 155.2#
51 62.2 33.8 50.8#
86 68.1 49.6 74.4

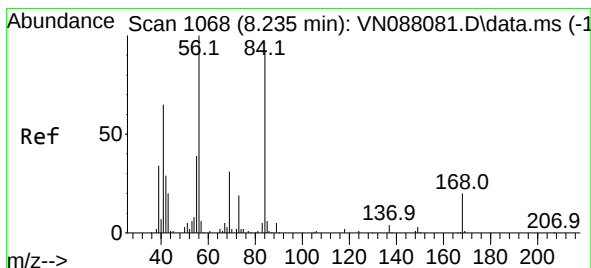
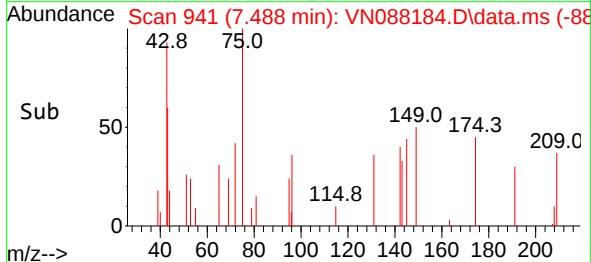
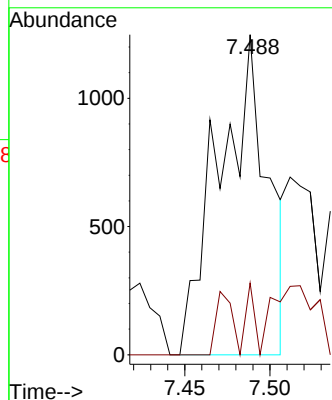
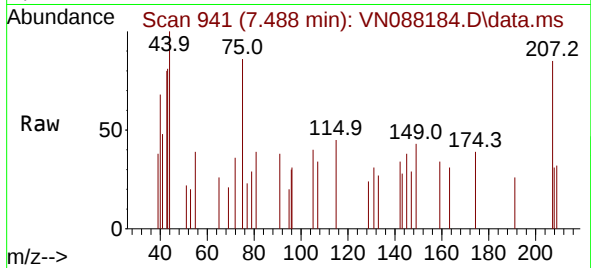




#25
2-Butanone
Concen: 0.778 ug/l
RT: 7.488 min Scan# 941
Delta R.T. 0.023 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

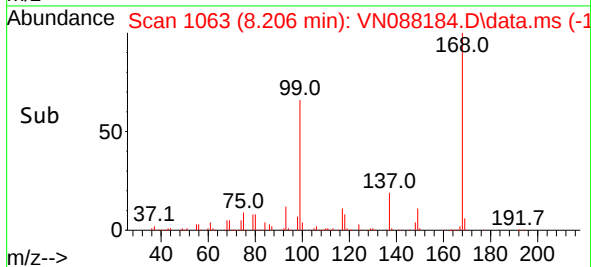
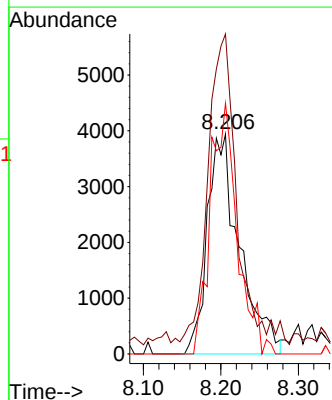
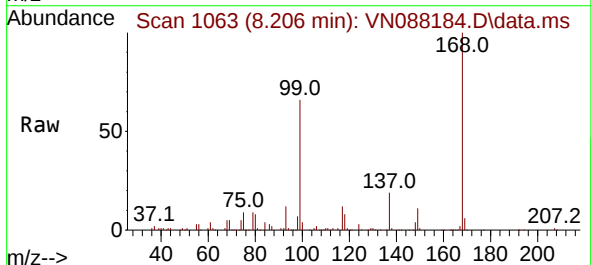
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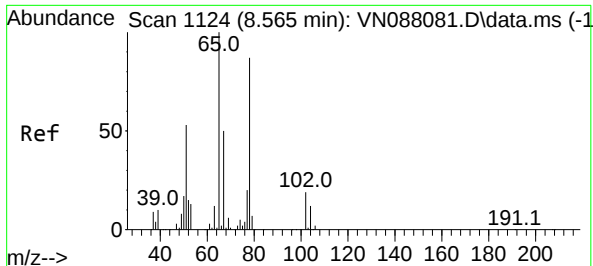
Tgt Ion: 43 Resp: 2461
Ion Ratio Lower Upper
43 100
72 22.4 19.9 29.9



#31
Cyclohexane
Concen: 1.710 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.030 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 56 Resp: 11429
Ion Ratio Lower Upper
56 100
69 140.0 23.7 35.5#
84 114.0 64.7 97.1#





#33

1,2-Dichloroethane-d4

Concen: 63.582 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

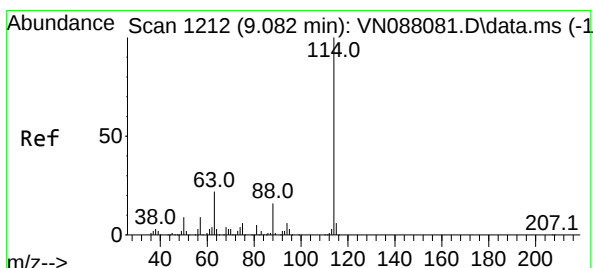
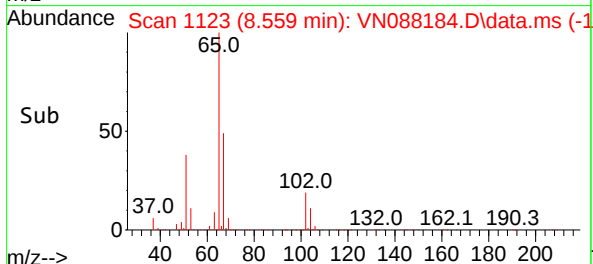
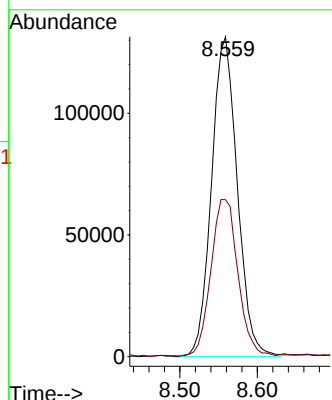
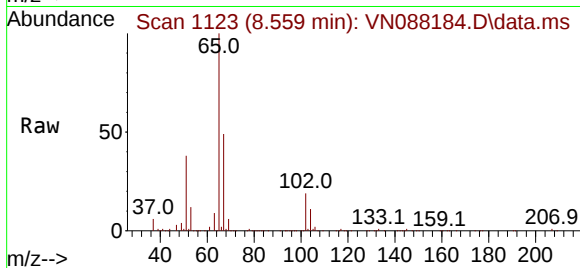
P001-TW2-251023-01

Tgt Ion: 65 Resp: 303661

Ion Ratio Lower Upper

65 100

67 50.9 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.076 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

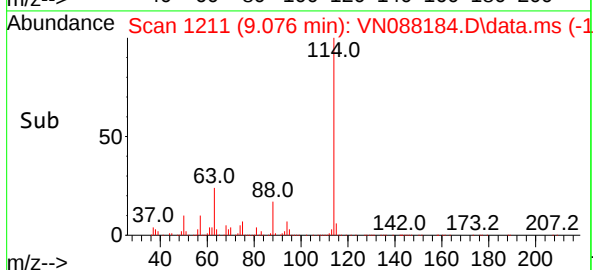
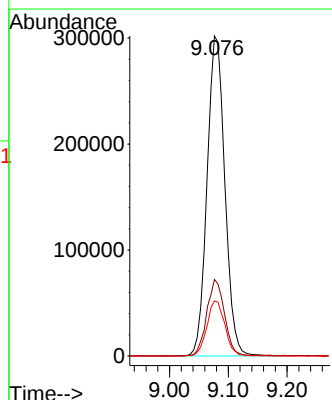
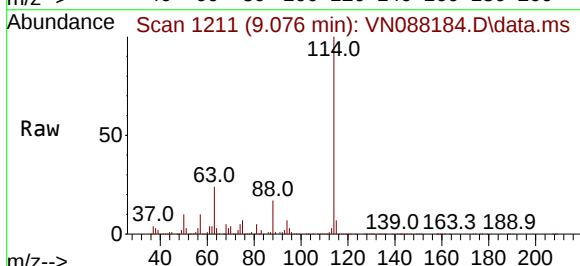
Tgt Ion: 114 Resp: 636604

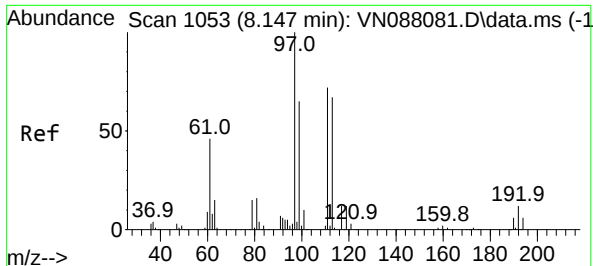
Ion Ratio Lower Upper

114 100

63 23.8 0.0 45.2

88 17.2 0.0 33.4

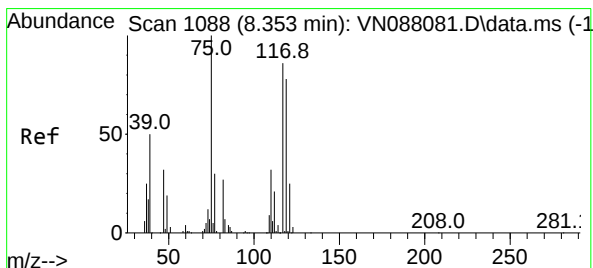
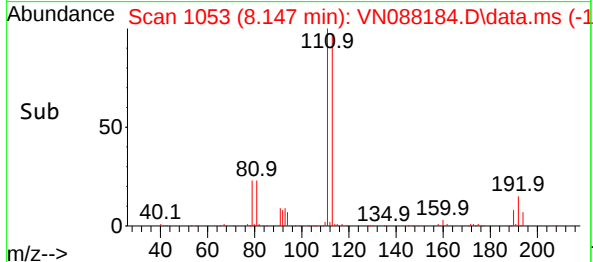
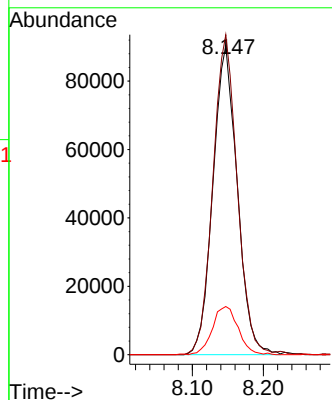
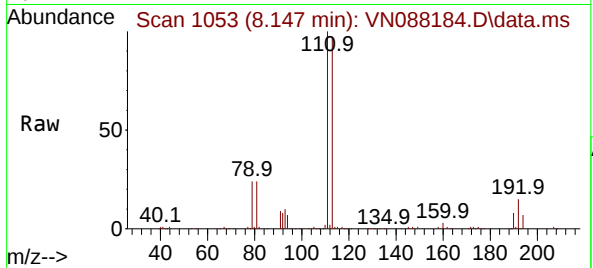




#35
Dibromofluoromethane
Concen: 50.230 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

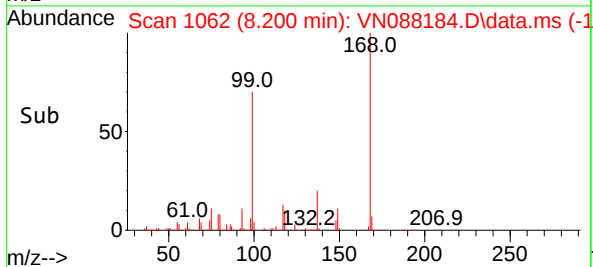
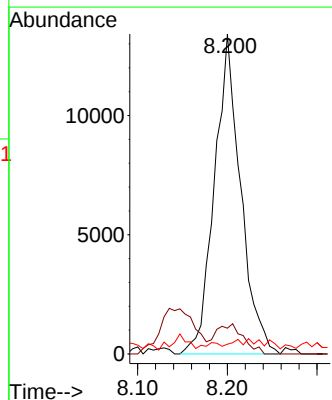
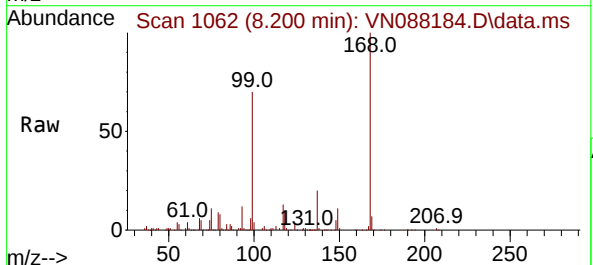
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

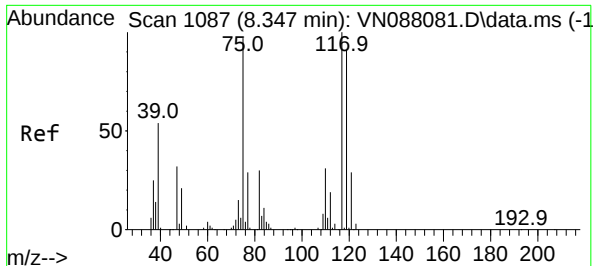
Tgt Ion:113 Resp: 214820
Ion Ratio Lower Upper
113 100
111 103.1 82.8 124.2
192 16.6 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.355 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.153 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 75 Resp: 27194
Ion Ratio Lower Upper
75 100
110 9.9 15.9 47.6#
77 0.7 24.4 36.6#

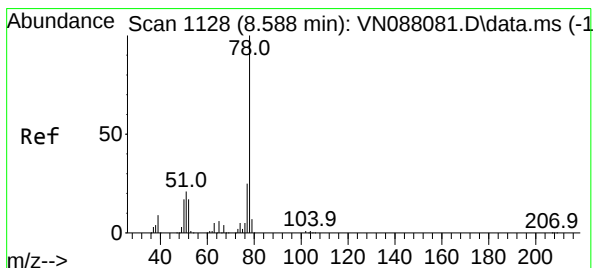
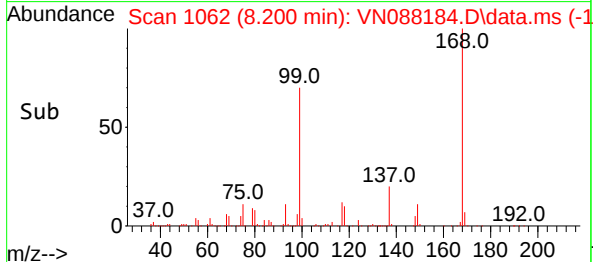
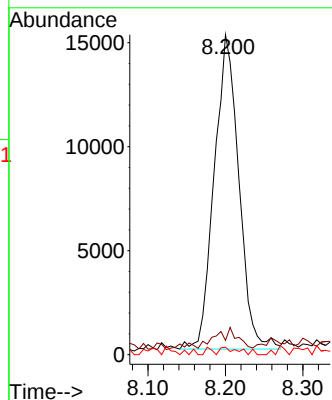
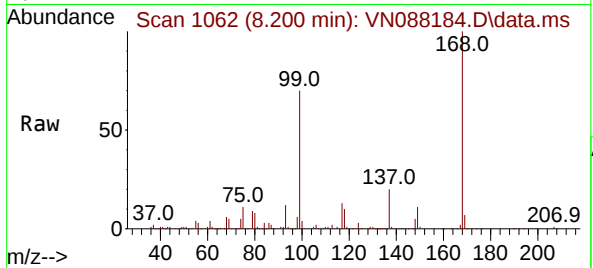




#38
Carbon Tetrachloride
Concen: 5.185 ug/l
RT: 8.200 min Scan# 110
Delta R.T. -0.141 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

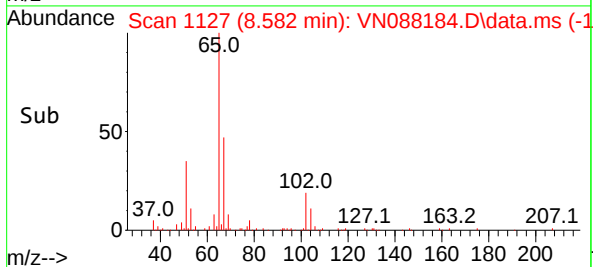
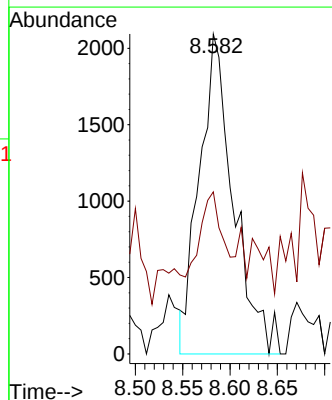
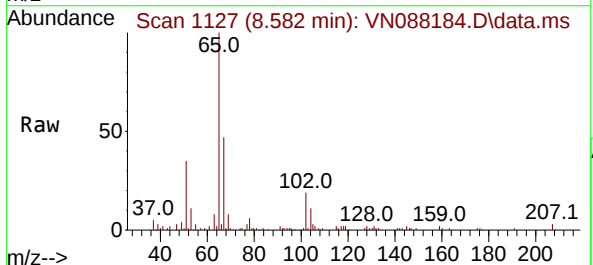
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

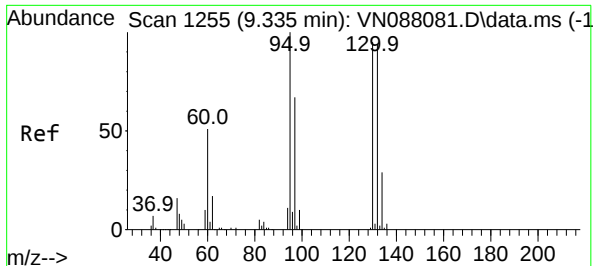
Tgt Ion:117 Resp: 33439
Ion Ratio Lower Upper
117 100
119 1.1 79.0 118.6#
121 2.4 25.0 37.6#



#40
Benzene
Concen: 0.276 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 78 Resp: 5243
Ion Ratio Lower Upper
78 100
77 26.0 19.7 29.5

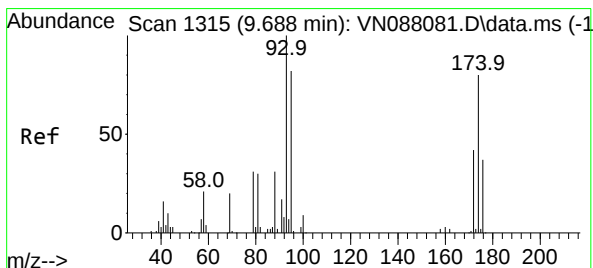
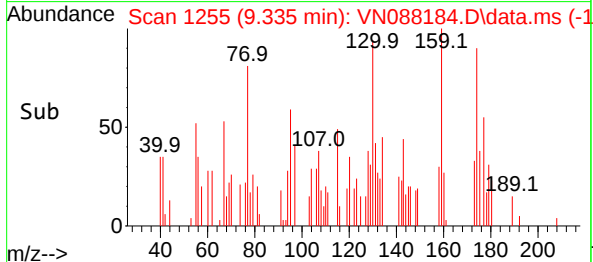
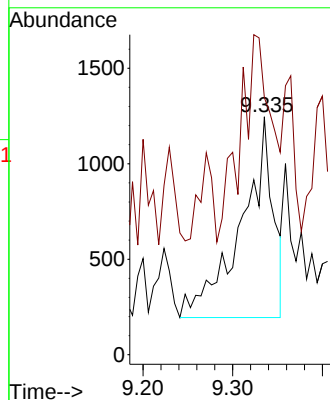
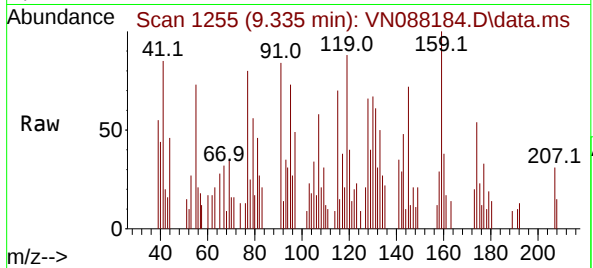




#44
Trichloroethene
Concen: 0.579 ug/l
RT: 9.335 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

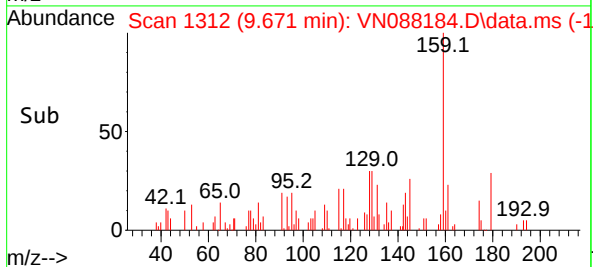
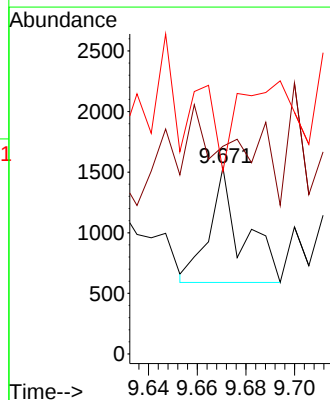
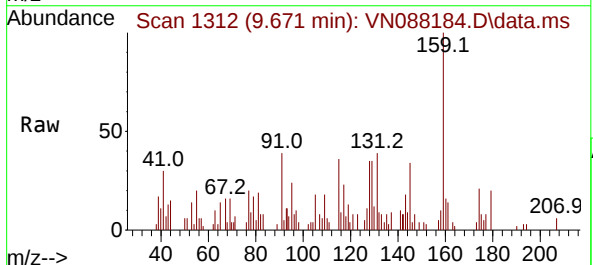
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

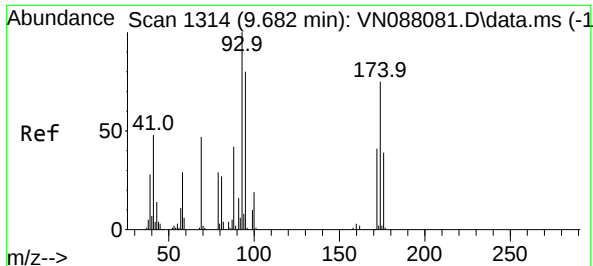
Tgt Ion:130 Resp: 2574
Ion Ratio Lower Upper
130 100
95 67.4 0.0 212.0



#46
Dibromomethane
Concen: 0.260 ug/l
RT: 9.671 min Scan# 1312
Delta R.T. -0.018 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 93 Resp: 891
Ion Ratio Lower Upper
93 100
95 113.6 66.2 99.4#
174 0.0 63.4 95.2#





#49

1,4-Dioxane

Concen: 0.788 ug/l

RT: 9.576 min Scan# 11

Delta R.T. -0.106 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

P001-TW2-251023-01

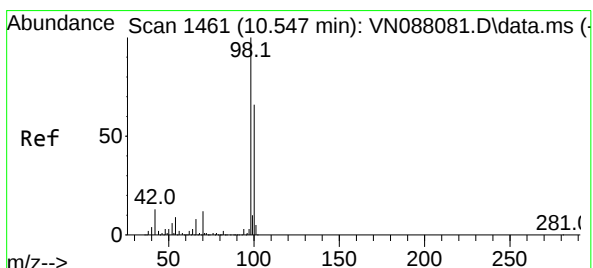
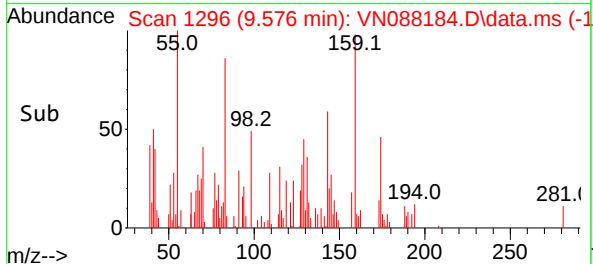
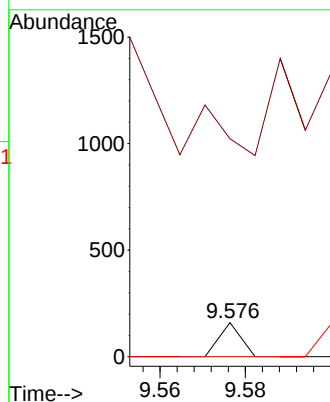
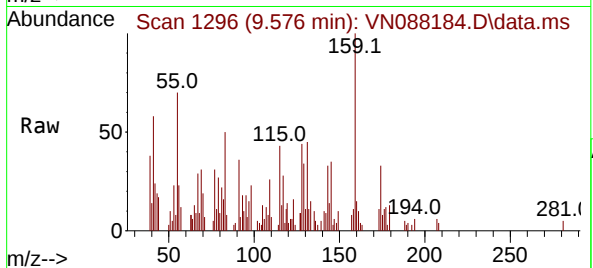
Tgt Ion: 88 Resp: 56

Ion Ratio Lower Upper

88 100

43 0.0 0.0 0.0

58 0.0 57.9 86.9#



#50

Toluene-d8

Concen: 49.984 ug/l

RT: 10.541 min Scan# 1460

Delta R.T. -0.006 min

Lab File: VN088184.D

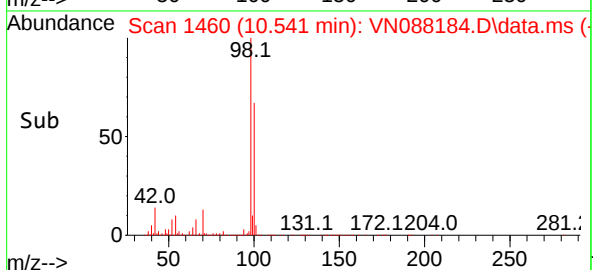
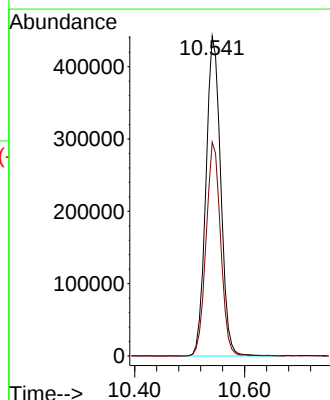
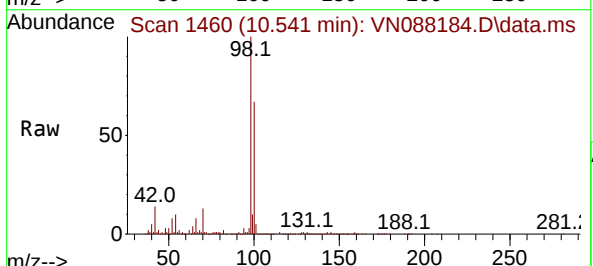
Acq: 31 Oct 2025 13:39

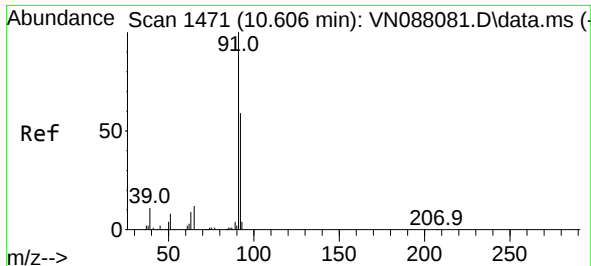
Tgt Ion: 98 Resp: 823680

Ion Ratio Lower Upper

98 100

100 65.9 52.8 79.2

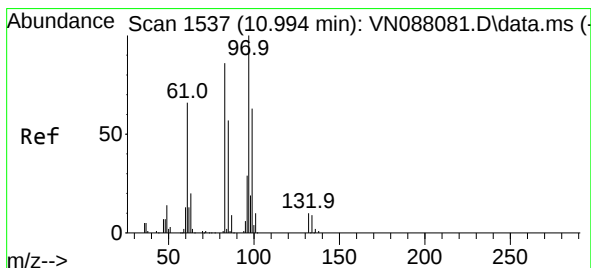
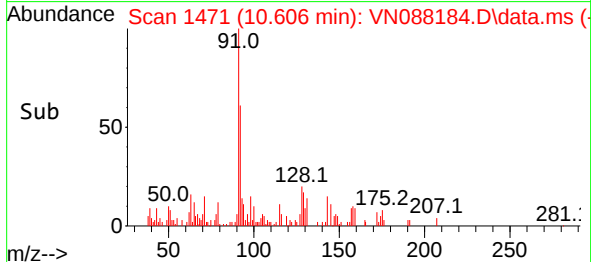
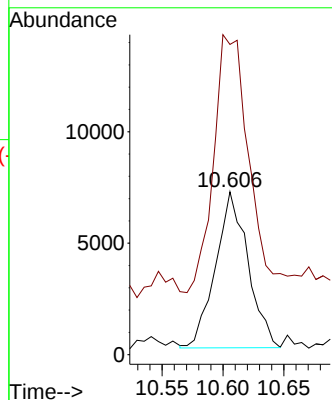
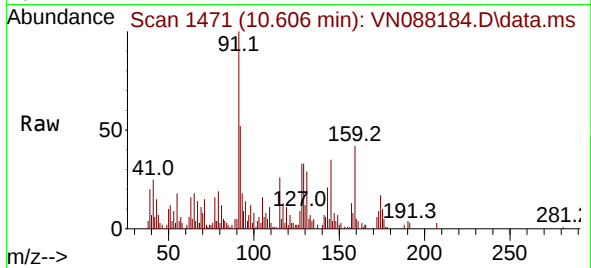




#52
Toluene
Concen: 1.108 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.000 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

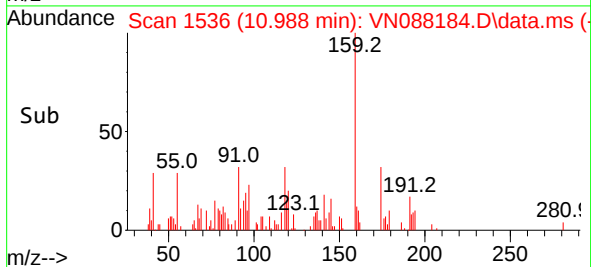
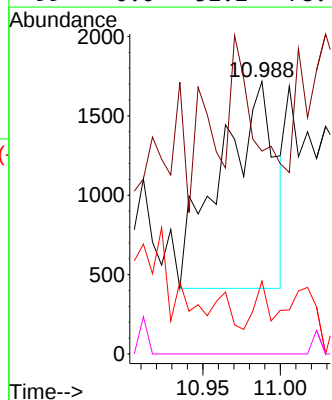
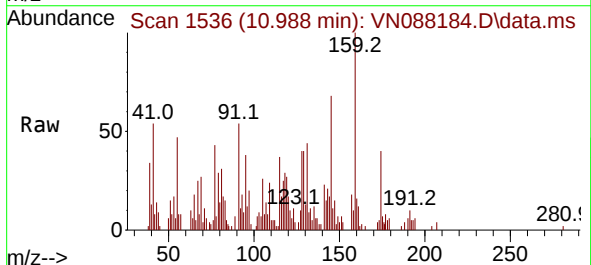
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

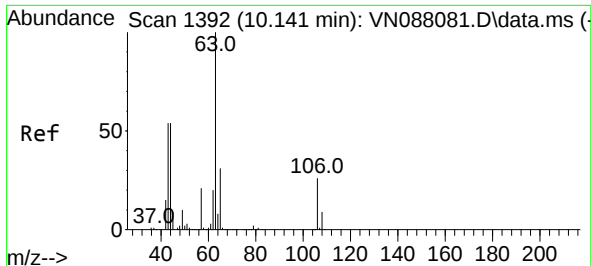
Tgt Ion: 92 Resp: 12993
Ion Ratio Lower Upper
92 100
91 179.8 140.4 210.6



#55
1,1,2-Trichloroethane
Concen: 0.707 ug/l
RT: 10.988 min Scan# 1536
Delta R.T. -0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 97 Resp: 3147
Ion Ratio Lower Upper
97 100
83 6.0 68.2 102.4#
85 14.1 45.5 68.3#
99 0.0 52.2 78.4#

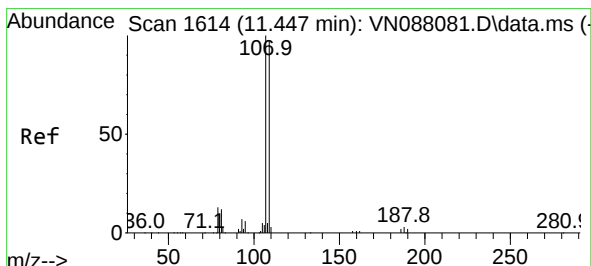
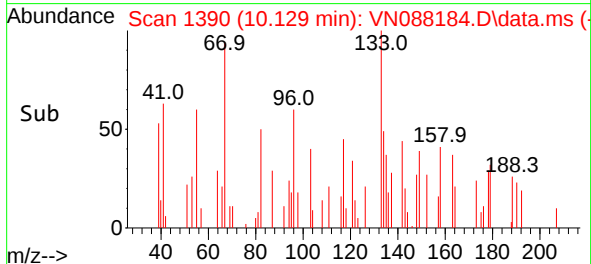
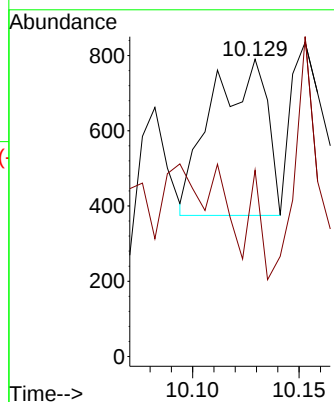
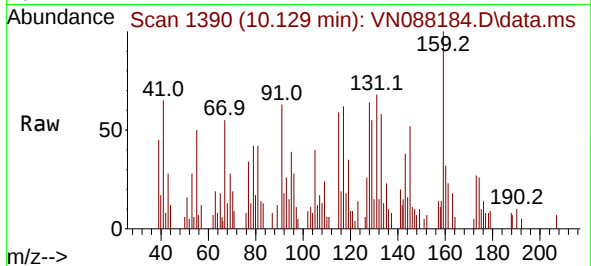




#58
2-Chloroethyl Vinyl ether
Concen: 0.202 ug/l
RT: 10.129 min Scan# 111
Delta R.T. -0.012 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

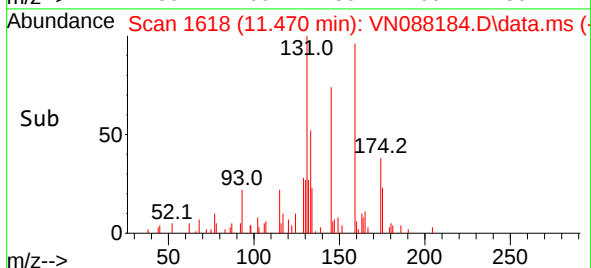
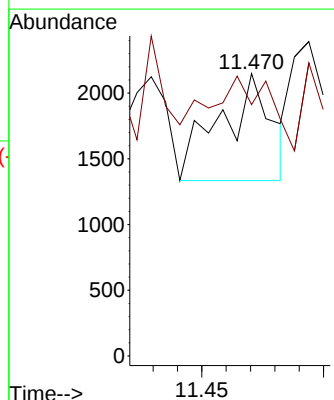
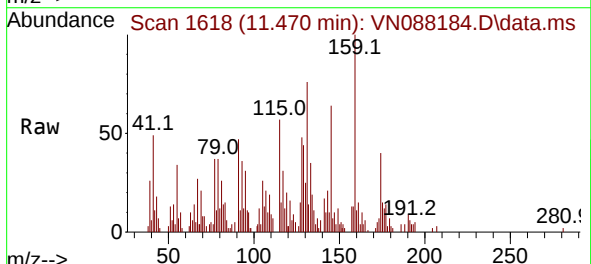
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

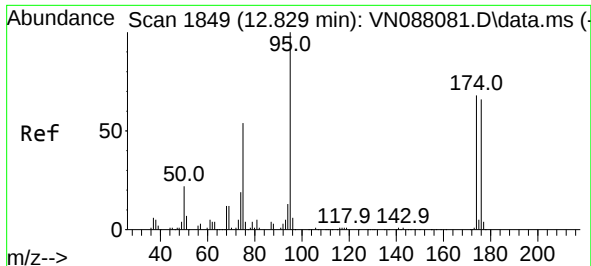
Tgt Ion: 63 Resp: 740
Ion Ratio Lower Upper
63 100
106 0.0 21.1 31.7#



#61
1,2-Dibromoethane
Concen: 0.261 ug/l
RT: 11.470 min Scan# 1618
Delta R.T. 0.023 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 107 Resp: 1194
Ion Ratio Lower Upper
107 100
109 82.2 74.7 112.1

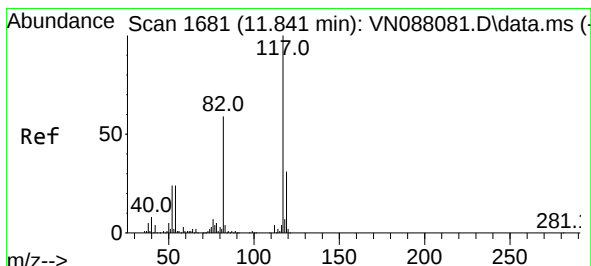
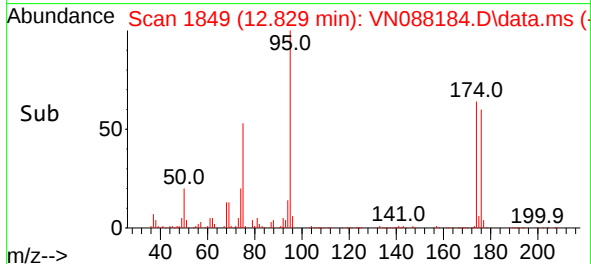
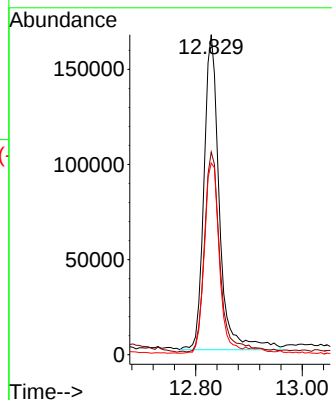
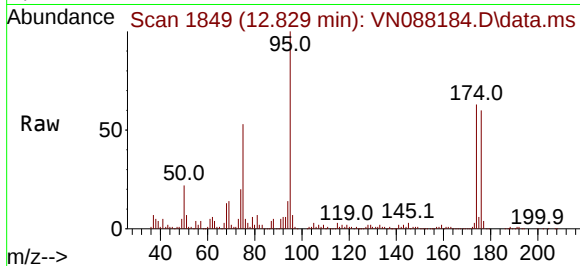




#62
4-Bromofluorobenzene
Concen: 57.256 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

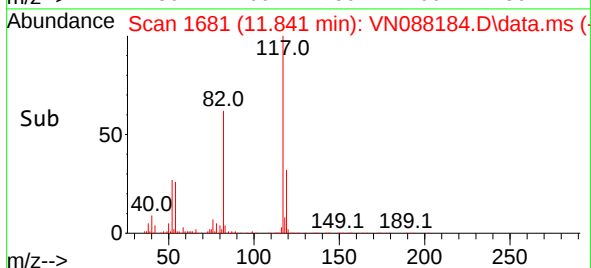
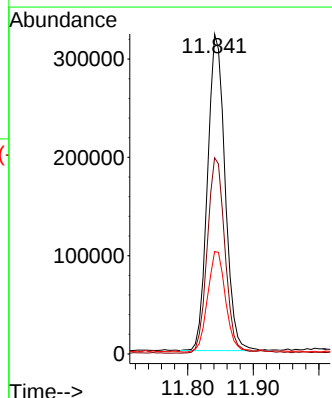
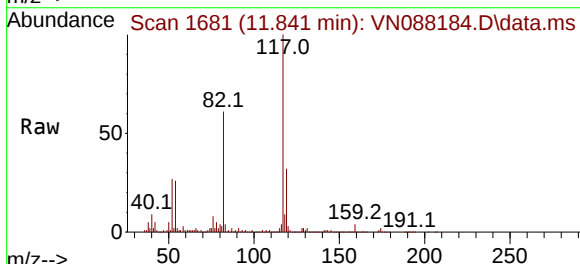
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

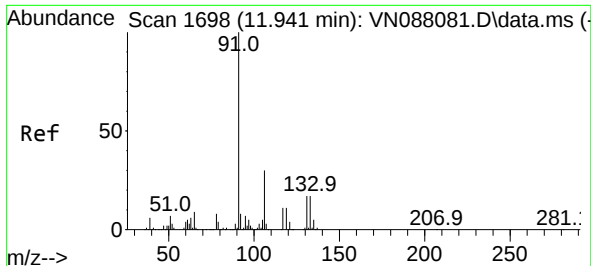
Tgt Ion: 95 Resp: 333219
Ion Ratio Lower Upper
95 100
174 63.7 0.0 138.4
176 58.6 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 117 Resp: 597605
Ion Ratio Lower Upper
117 100
82 61.7 47.4 71.2
119 31.6 24.3 36.5

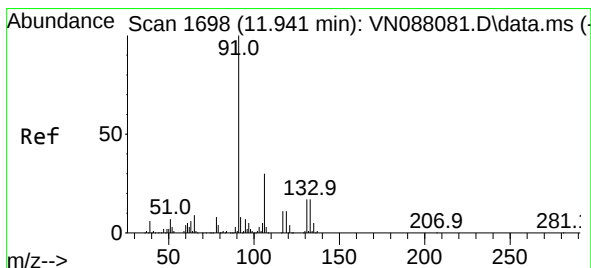
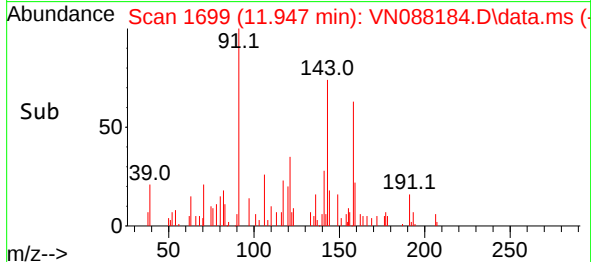
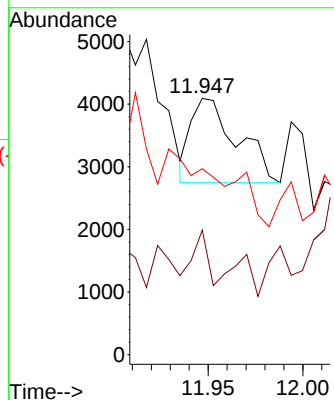
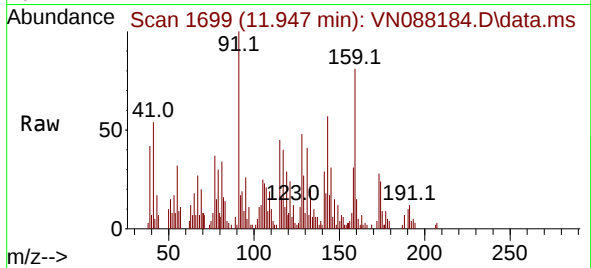




#66
 1,1,1,2-Tetrachloroethane
 Concen: 0.516 ug/l
 RT: 11.947 min Scan# 1699
 Delta R.T. 0.006 min
 Lab File: VN088184.D
 Acq: 31 Oct 2025 13:39

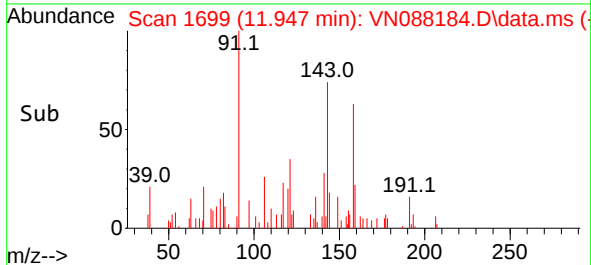
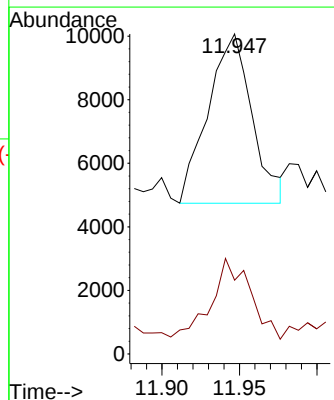
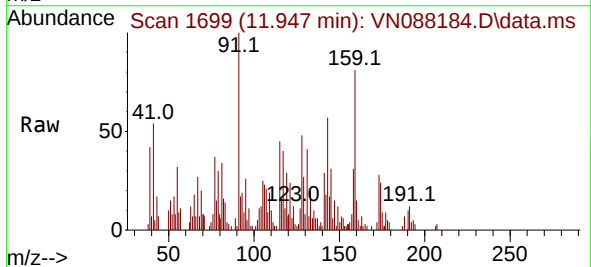
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW2-251023-01

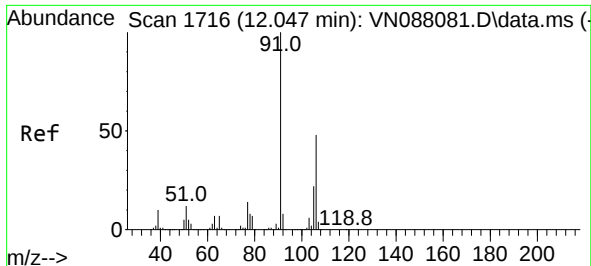
Tgt Ion:131 Resp: 2292
 Ion Ratio Lower Upper
 131 100
 133 12.9 48.0 144.0#
 119 0.0 32.6 97.7#



#67
 Ethyl Benzene
 Concen: 0.441 ug/l
 RT: 11.947 min Scan# 1699
 Delta R.T. 0.006 min
 Lab File: VN088184.D
 Acq: 31 Oct 2025 13:39

Tgt Ion: 91 Resp: 10502
 Ion Ratio Lower Upper
 91 100
 106 34.9 24.1 36.1

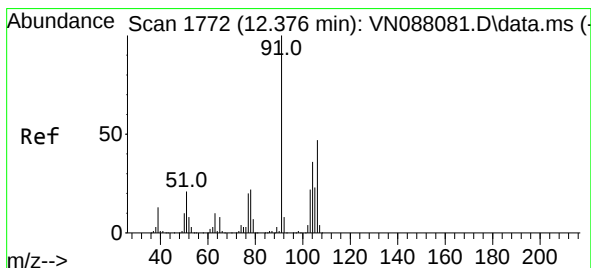
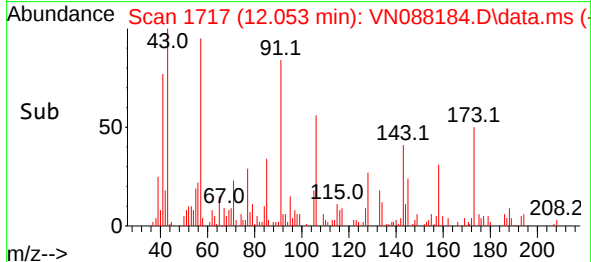
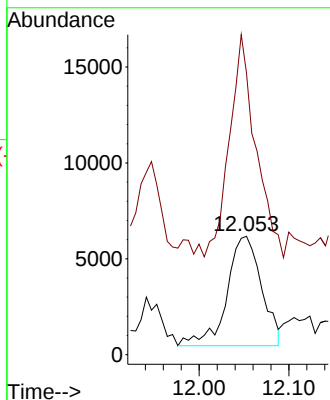
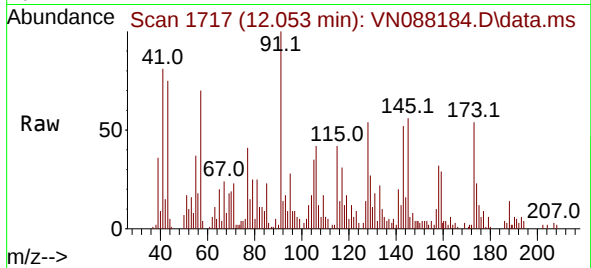




#68
m/p-Xylenes
Concen: 1.719 ug/l
RT: 12.053 min Scan# 1716
Delta R.T. 0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

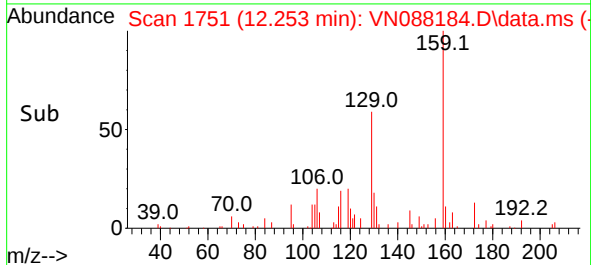
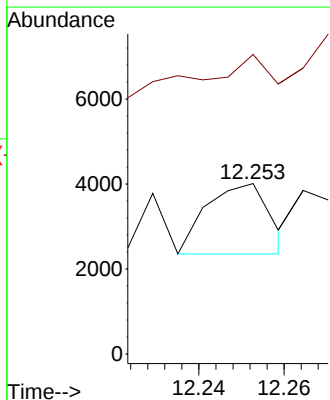
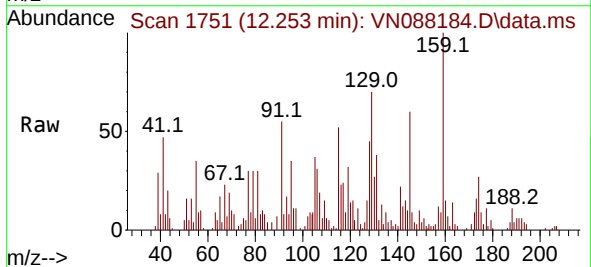
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

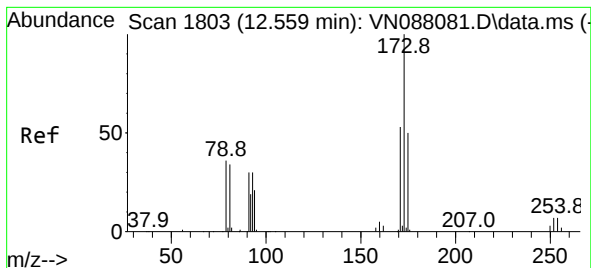
Tgt Ion:106 Resp: 15338
Ion Ratio Lower Upper
106 100
91 154.4 169.3 253.9#



#69
o-Xylene
Concen: 0.200 ug/l
RT: 12.253 min Scan# 1751
Delta R.T. -0.124 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion:106 Resp: 1696
Ion Ratio Lower Upper
106 100
91 158.2 111.4 334.2





#71

Bromoform

Concen: 1.187 ug/l

RT: 12.523 min Scan# 11

Delta R.T. -0.036 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

P001-TW2-251023-01

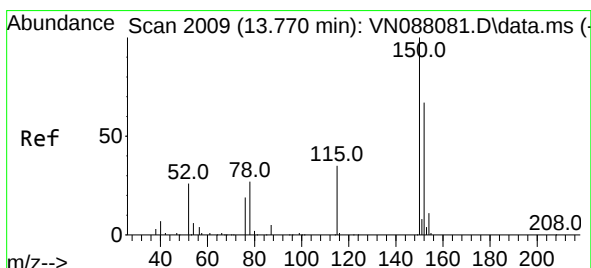
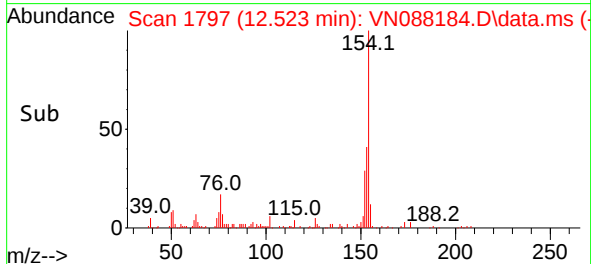
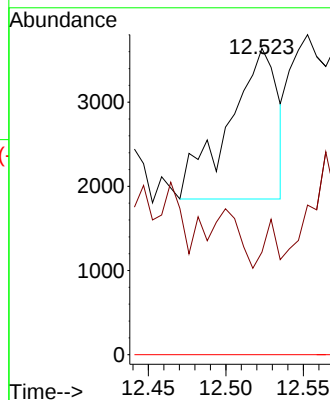
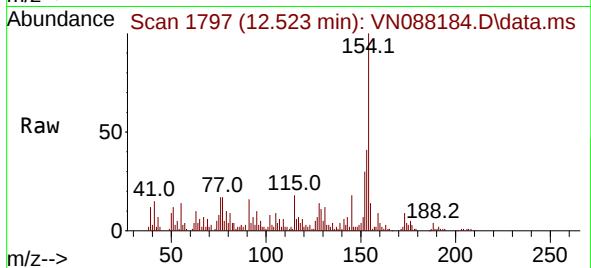
Tgt Ion:173 Resp: 3937

Ion Ratio Lower Upper

173 100

175 0.0 24.9 74.6#

254 0.0 0.1 0.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.770 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

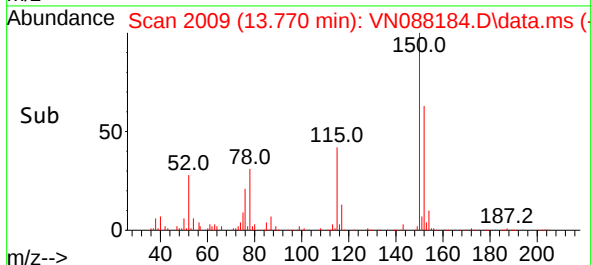
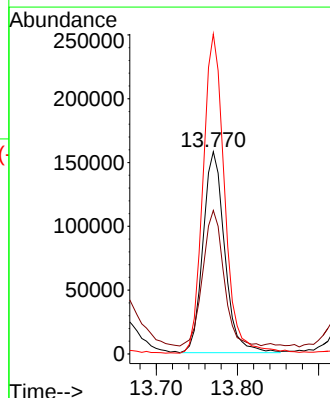
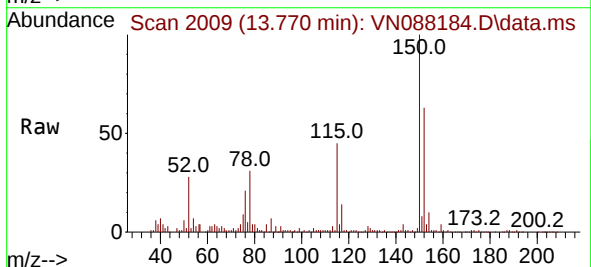
Tgt Ion:152 Resp: 292293

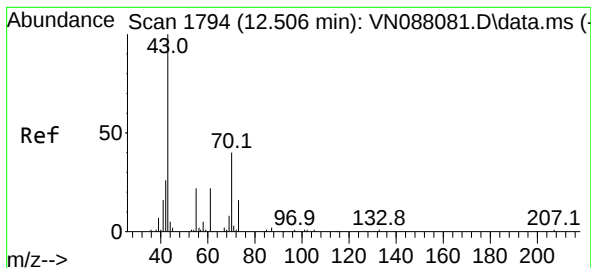
Ion Ratio Lower Upper

152 100

115 65.1 32.3 96.8

150 157.7 0.0 351.0





#74

N-amy1 acetate

Concen: 0.220 ug/l

RT: 12.517 min Scan# 1

Delta R.T. 0.017 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

P001-TW2-251023-01

Tgt Ion: 43 Resp: 1411

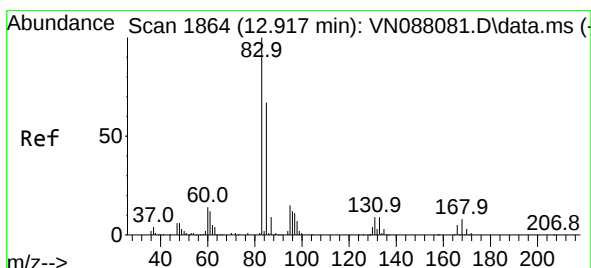
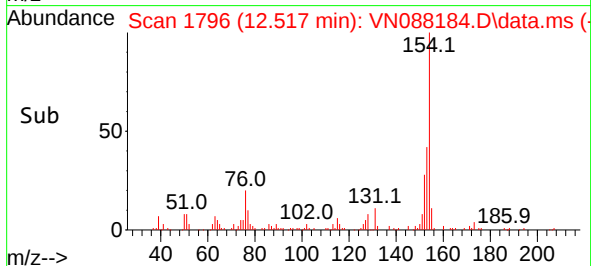
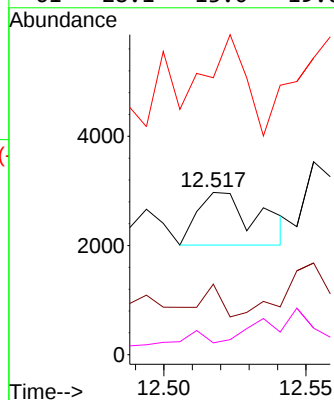
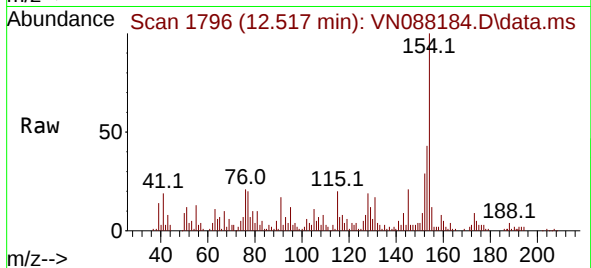
Ion Ratio Lower Upper

43 100

70 10.9 27.6 41.4#

55 128.4 13.0 19.6#

61 28.1 13.0 19.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.354 ug/l

RT: 12.982 min Scan# 1875

Delta R.T. 0.064 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

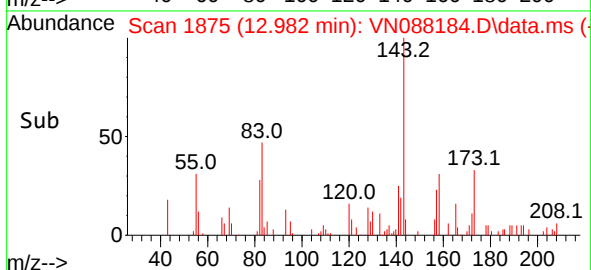
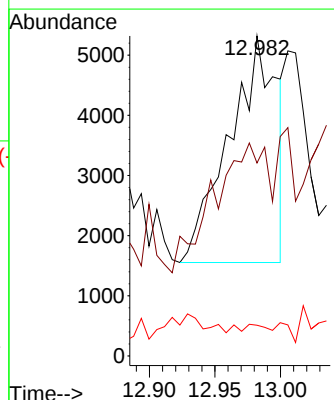
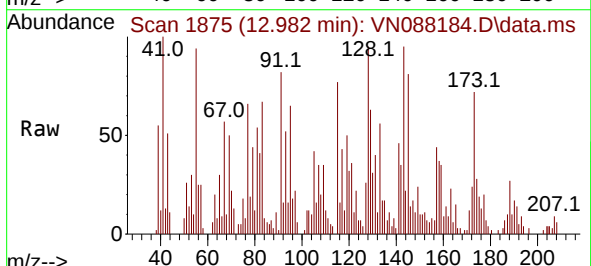
Tgt Ion: 83 Resp: 9502

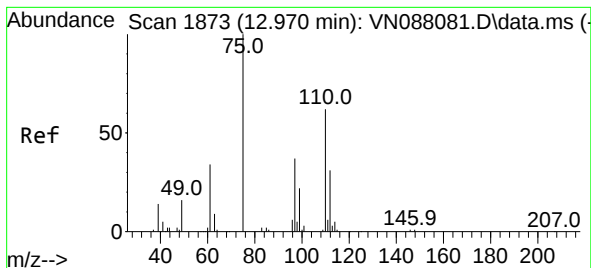
Ion Ratio Lower Upper

83 100

131 65.6 4.8 14.4#

85 0.0 32.1 96.3#

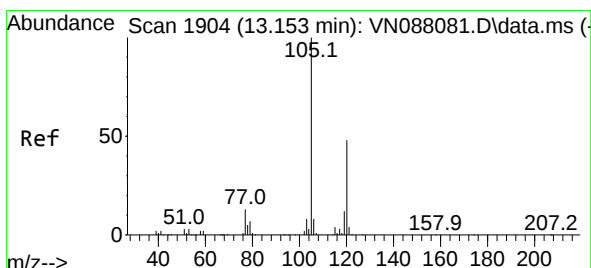
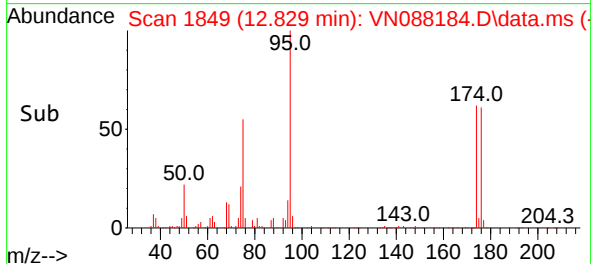
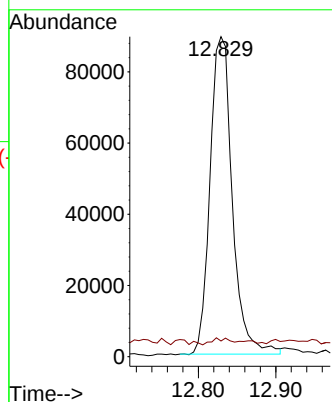
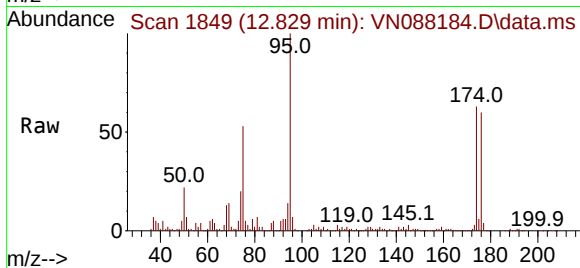




#76
1,2,3-Trichloropropane
Concen: 26.633 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

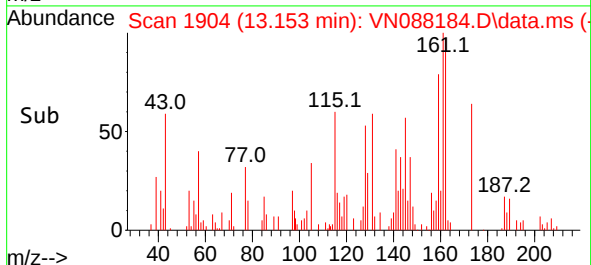
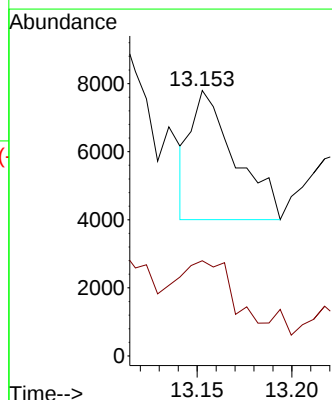
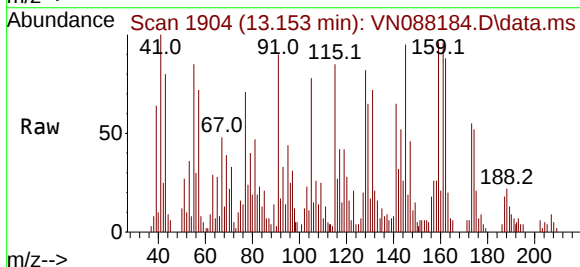
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

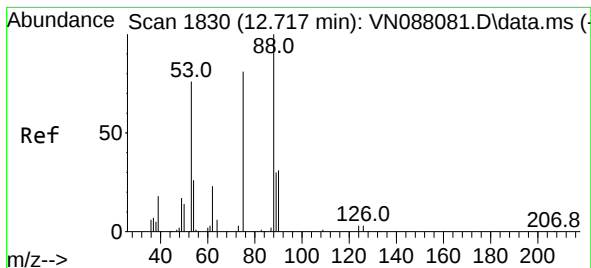
Tgt Ion: 75 Resp: 177979
Ion Ratio Lower Upper
75 100
77 1.6 89.1 267.4#



#80
1,3,5-Trimethylbenzene
Concen: 0.329 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion:105 Resp: 6159
Ion Ratio Lower Upper
105 100
120 51.5 23.2 69.6

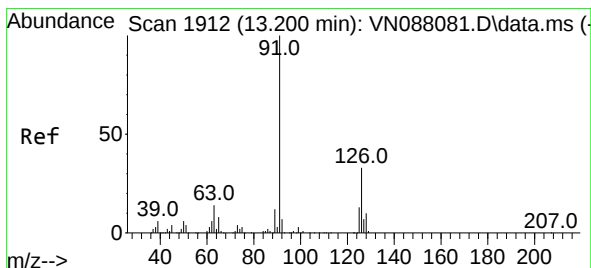
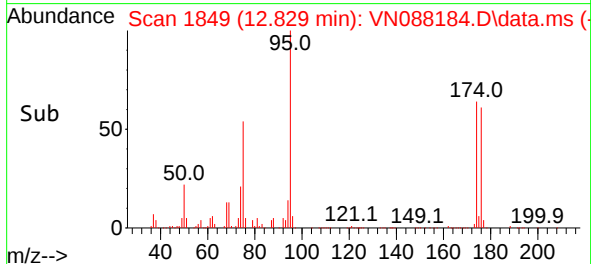
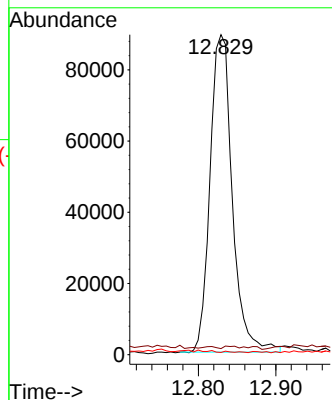
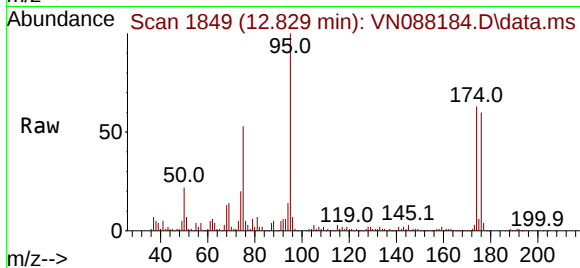




#81
trans-1,4-Dichloro-2-butene
Concen: 74.293 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

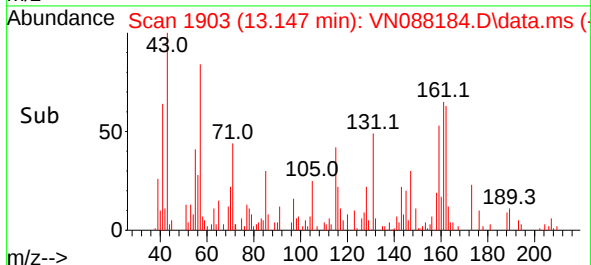
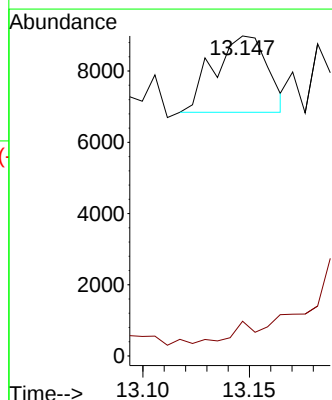
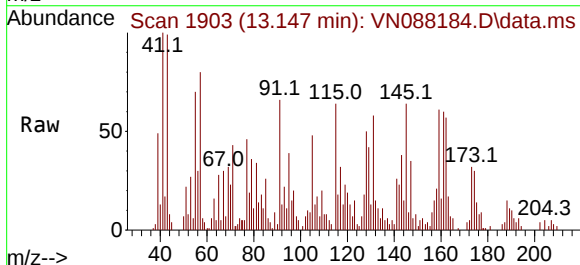
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

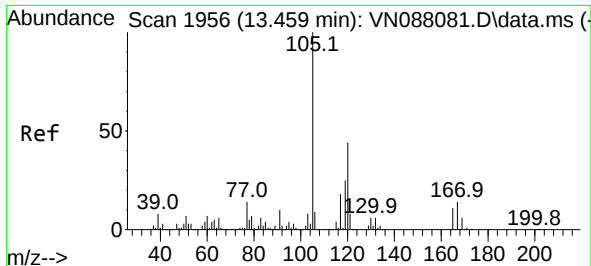
Tgt Ion: 75 Resp: 177979
Ion Ratio Lower Upper
75 100
53 0.4 101.8 152.6#
89 0.1 35.6 53.4#



#82
4-Chlorotoluene
Concen: 0.221 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.053 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion: 91 Resp: 3755
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

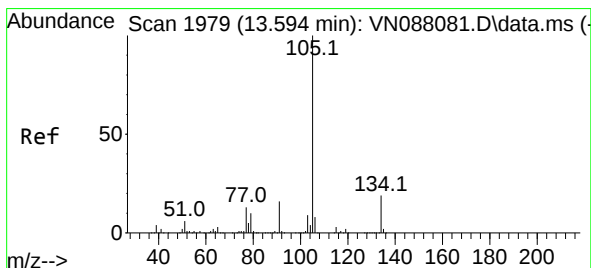
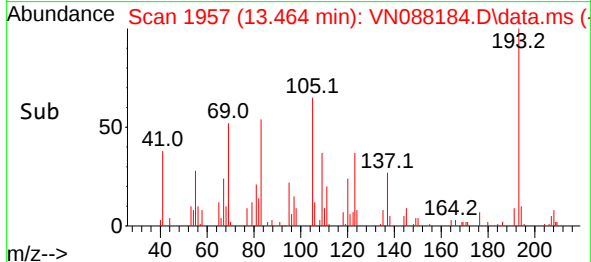
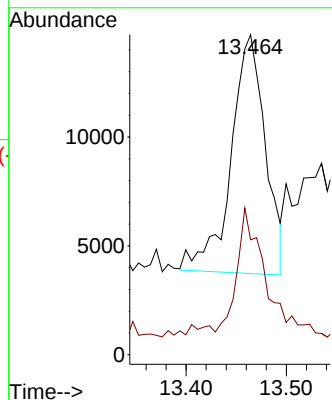
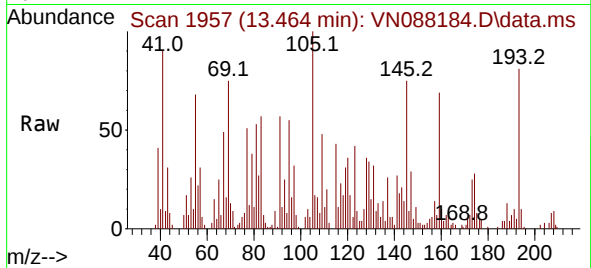




#84
1,2,4-Trimethylbenzene
Concen: 1.396 ug/l
RT: 13.464 min Scan# 1956
Delta R.T. 0.006 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

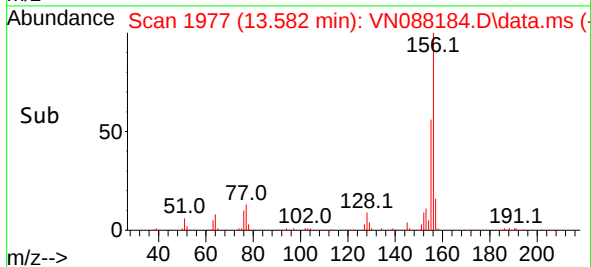
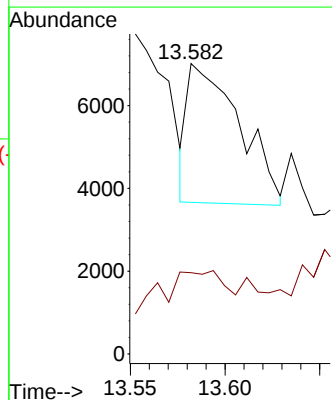
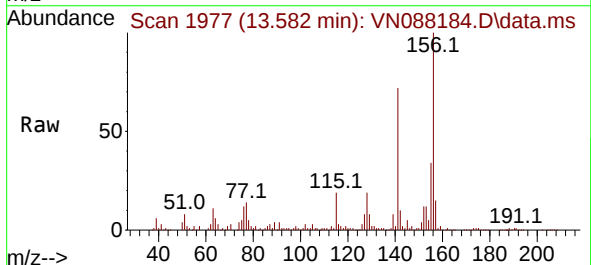
Instrument :
MSVOA_N
ClientSampleId :
P001-TW2-251023-01

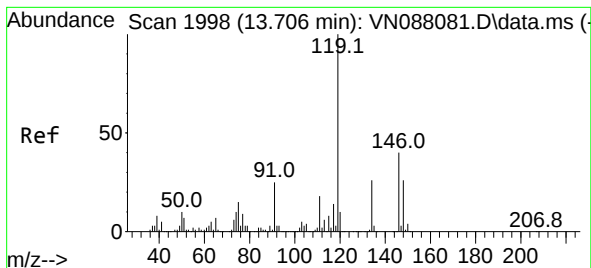
Tgt Ion:105 Resp: 26146
Ion Ratio Lower Upper
105 100
120 46.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.263 ug/l
RT: 13.582 min Scan# 1977
Delta R.T. -0.012 min
Lab File: VN088184.D
Acq: 31 Oct 2025 13:39

Tgt Ion:105 Resp: 6462
Ion Ratio Lower Upper
105 100
134 36.2 9.6 28.6#





#86

p-Isopropyltoluene

Concen: 0.895 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN088184.D

Acq: 31 Oct 2025 13:39

Instrument :

MSVOA_N

ClientSampleId :

P001-TW2-251023-01

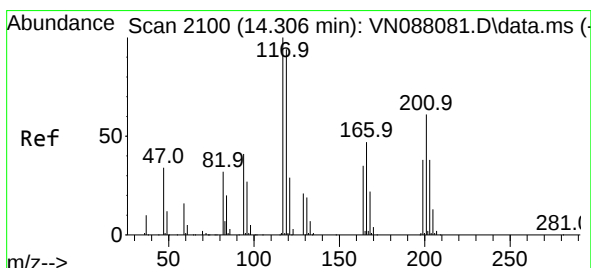
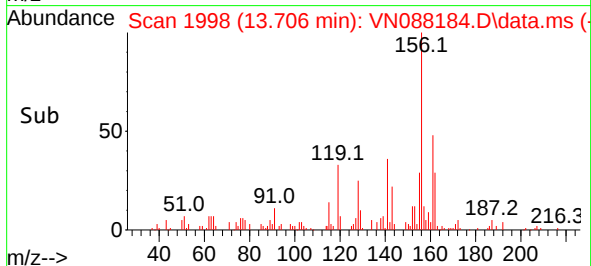
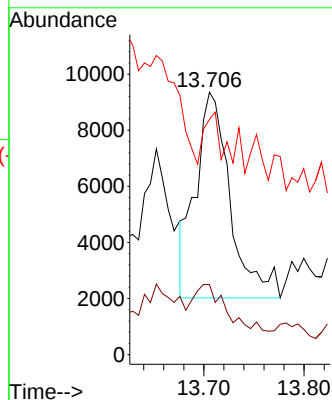
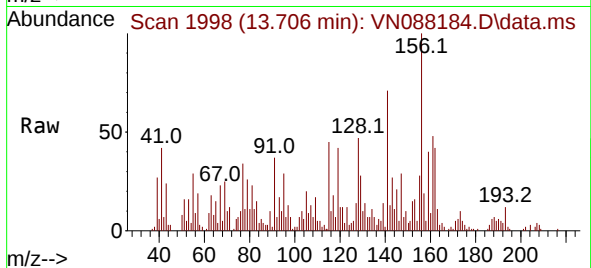
Tgt Ion:119 Resp: 17637

Ion Ratio Lower Upper

119 100

134 20.7 12.7 38.0

91 11.4 12.5 37.5#



#90

Hexachloroethane

Concen: 0.267 ug/l

RT: 14.517 min Scan# 2136

Delta R.T. 0.206 min

Lab File: VN088184.D

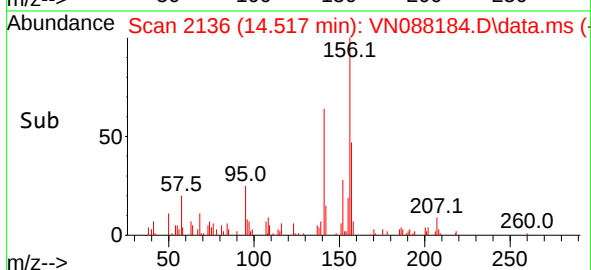
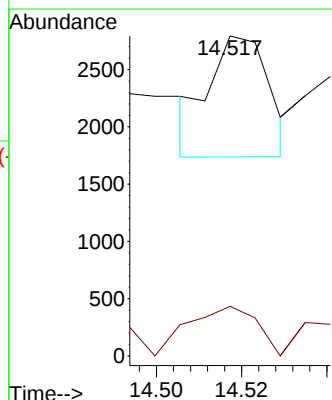
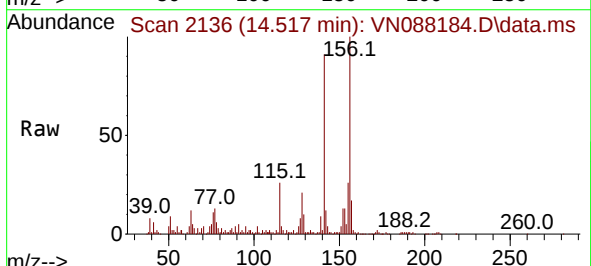
Acq: 31 Oct 2025 13:39

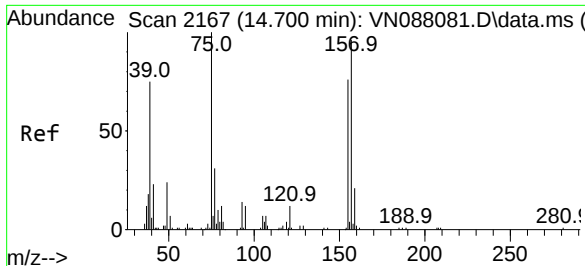
Tgt Ion:117 Resp: 1021

Ion Ratio Lower Upper

117 100

201 56.1 29.1 87.4

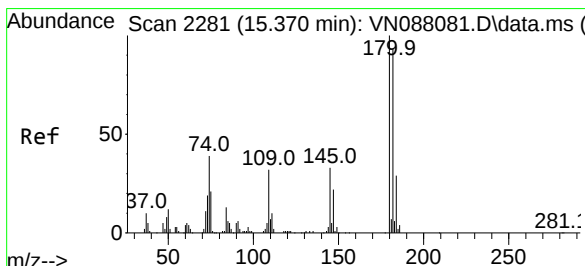
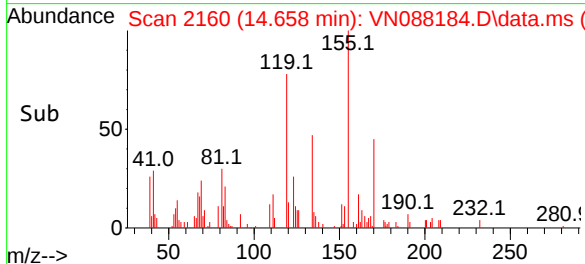
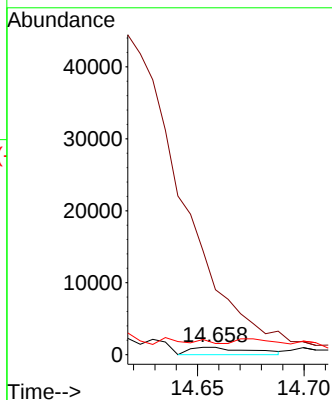
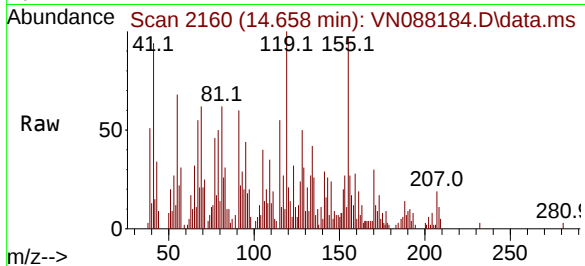




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.238 ug/l
 RT: 14.658 min Scan# 2167
 Delta R.T. -0.041 min
 Lab File: VN088184.D
 Acq: 31 Oct 2025 13:39

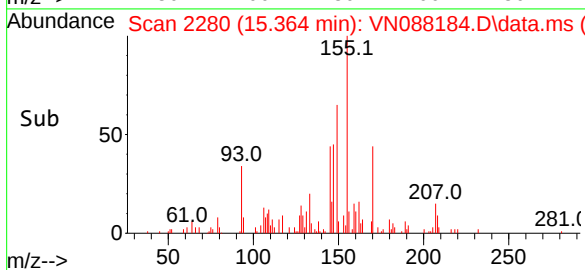
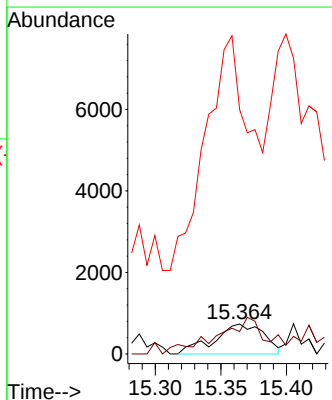
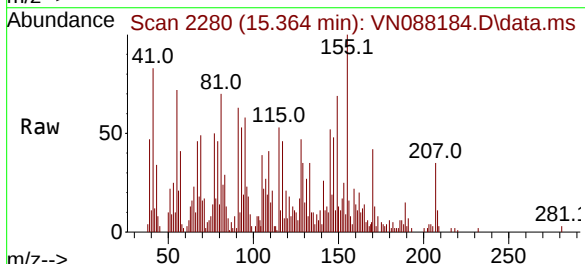
Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW2-251023-01

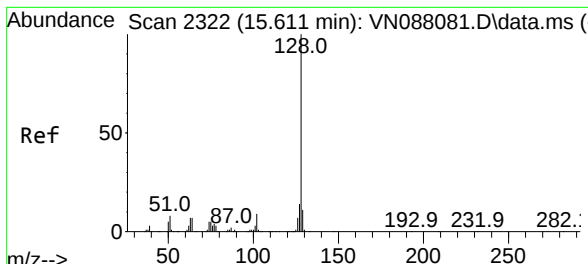
Tgt Ion: 75 Resp: 2023
 Ion Ratio Lower Upper
 75 100
 155 0.0 36.6 109.9#
 157 0.0 45.6 136.9#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.340 ug/l
 RT: 15.364 min Scan# 2280
 Delta R.T. -0.000 min
 Lab File: VN088184.D
 Acq: 31 Oct 2025 13:39

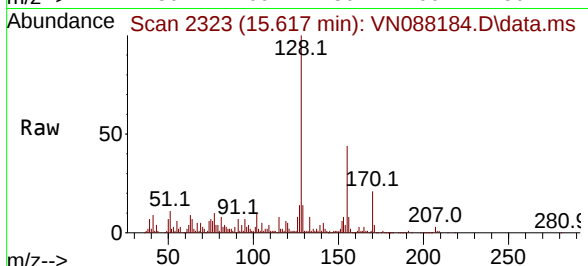
Tgt Ion: 180 Resp: 1928
 Ion Ratio Lower Upper
 180 100
 182 108.7 47.6 142.9
 145 787.3 16.5 49.5#





#95
 Naphthalene
 Concen: 12.863 ug/l
 RT: 15.617 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN088184.D
 Acq: 31 Oct 2025 13:39

Instrument :
 MSVOA_N
 ClientSampleId :
 P001-TW2-251023-01



Tgt Ion:	128	Resp:	249651
Ion	Ratio	Lower	Upper
128	100		
127	17.1	10.6	15.8#
129	16.2	8.6	12.8#

