

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN102725\
 Data File : VN088118.D
 Acq On : 27 Oct 2025 16:37
 Operator : JC\MD
 Sample : Q3426-02 10X
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 TWP3

Quant Time: Oct 28 01:29:55 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	224334	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	500872	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	474497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	239267	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	210281	54.207	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.420%	
35) Dibromofluoromethane	8.147	113	156831	46.608	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 93.220%	
50) Toluene-d8	10.547	98	575060	44.353	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 88.700%	
62) 4-Bromofluorobenzene	12.829	95	223758	48.867	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 97.740%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	5.512	59	547	0.818	ug/l #	71
13) Acrolein	4.136	56	1416	1.884	ug/l #	1
16) Acetone	4.436	43	9660	4.957	ug/l	98
18) Methyl Acetate	5.030	43	2165	0.543	ug/l #	63
20) Methylene Chloride	5.265	84	1181	1.156	ug/l #	75
23) Vinyl Acetate	6.647	43	2009	0.215	ug/l #	72
25) 2-Butanone	7.489	43	2215	0.862	ug/l #	50
30) Chloroform	7.988	83	1522	0.265	ug/l #	19
31) Cyclohexane	8.236	56	89978	16.570	ug/l	98
36) 1,1-Dichloropropene	8.206	75	22594	4.599	ug/l #	51
38) Carbon Tetrachloride	8.200	117	27044	5.329	ug/l #	15
39) Methylcyclohexane	9.582	83	62812	9.946	ug/l	91
40) Benzene	8.588	78	912139	60.961	ug/l	98
42) 1,2-Dichloroethane	8.594	62	8765	1.649	ug/l	84
45) 1,2-Dichloropropane	9.577	63	914	0.242	ug/l #	1
47) Bromodichloromethane	9.853	83	1127	0.209	ug/l #	23
48) Methyl methacrylate	9.582	41	37875	8.420	ug/l #	77
52) Toluene	10.606	92	31494	3.414	ug/l	95
55) 1,1,2-Trichloroethane	10.982	97	5543	1.584	ug/l #	18
67) Ethyl Benzene	11.941	91	223201	11.802	ug/l	98
68) m/p-Xylenes	12.053	106	287334	40.549	ug/l	100
69) o-Xylene	12.382	106	11867	1.767	ug/l	87
71) Bromoform	12.823	173	1232	0.468	ug/l #	1
73) Isopropylbenzene	12.671	105	53797	2.915	ug/l	99
76) 1,2,3-Trichloropropane	12.829	75	127774	23.357	ug/l #	1
78) n-propylbenzene	13.012	91	141707	6.292	ug/l	97
79) 2-Chlorotoluene	13.106	91	16279	1.268	ug/l #	44
80) 1,3,5-Trimethylbenzene	13.147	105	195431	12.751	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.829	75	127774	65.156	ug/l #	1
82) 4-Chlorotoluene	13.153	91	23347	1.680	ug/l #	43
83) tert-Butylbenzene	13.459	119	42060	3.072	ug/l #	67
84) 1,2,4-Trimethylbenzene	13.459	105	353818	23.074	ug/l	99
85) sec-Butylbenzene	13.594	105	14978	0.745	ug/l #	79
86) p-Isopropyltoluene	13.706	119	10319	0.639	ug/l	90
89) n-Butylbenzene	14.029	91	15011	0.939	ug/l #	75
90) Hexachloroethane	14.306	117	8033	2.571	ug/l #	22

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QLast Update : Sat Oct 25 00:15:22 2025
Response via : Initial Calibration

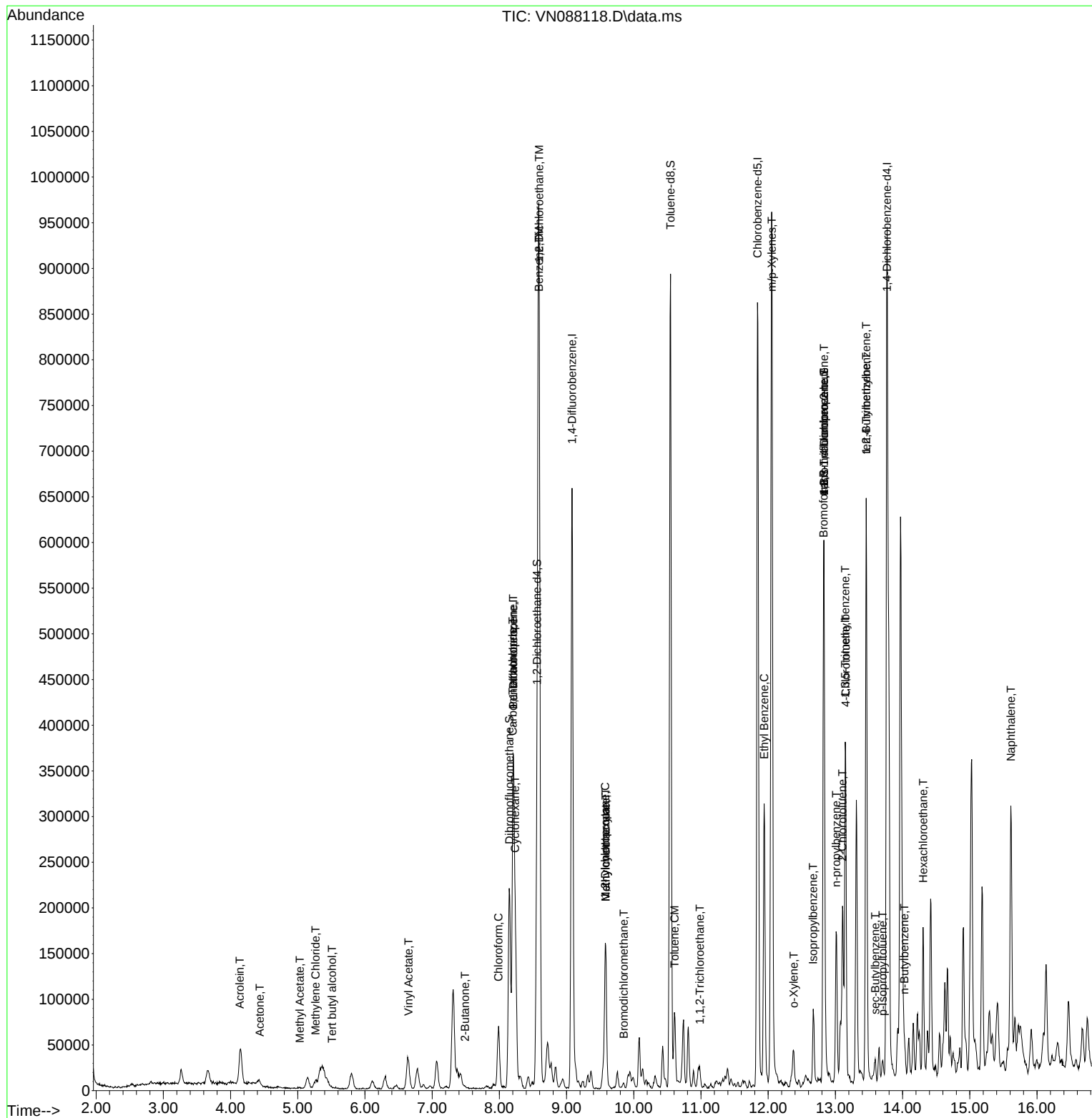
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95) Naphthalene	15.611	128	268146	16.878	ug/l	99

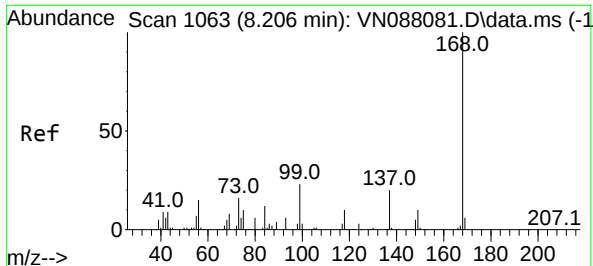
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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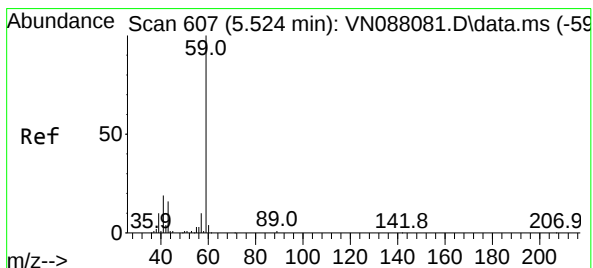
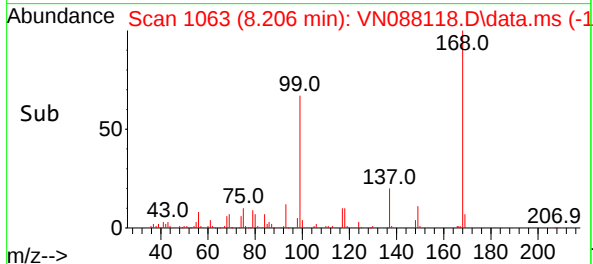
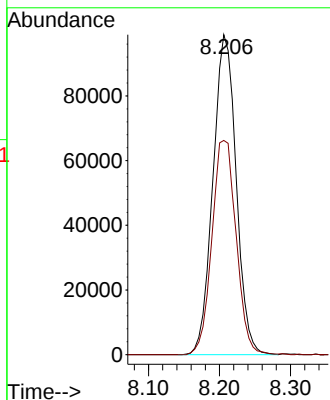
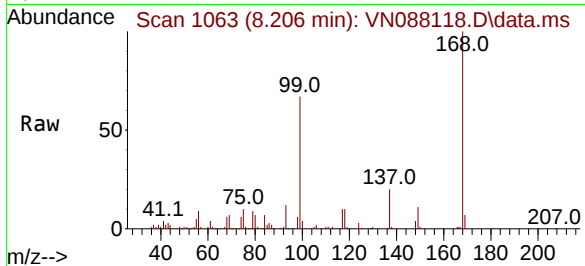




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. 0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

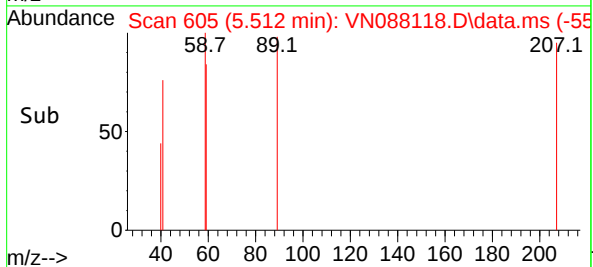
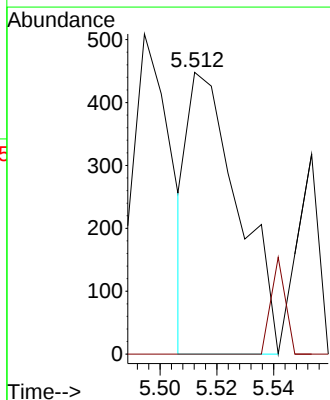
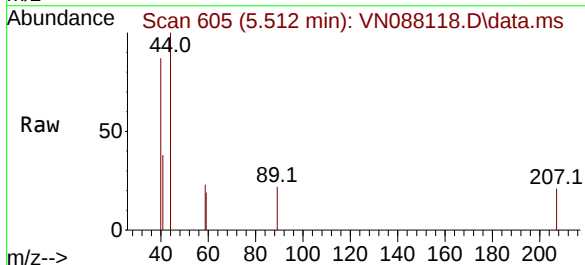
Instrument :
MSVOA_N
ClientSampleId :
TWP3

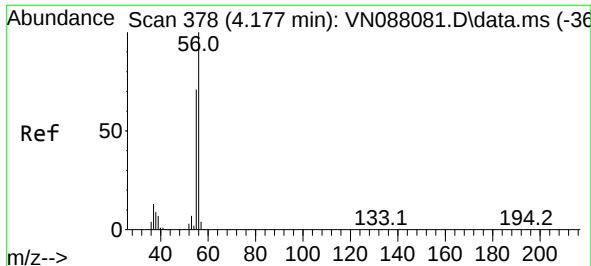
Tgt Ion:168 Resp: 224334
Ion Ratio Lower Upper
168 100
99 67.0 57.2 85.8



#11
Tert butyl alcohol
Concen: 0.818 ug/l
RT: 5.512 min Scan# 605
Delta R.T. -0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 59 Resp: 547
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

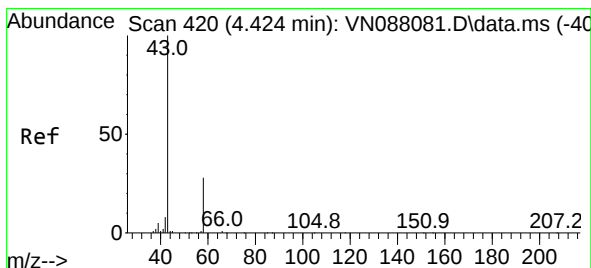
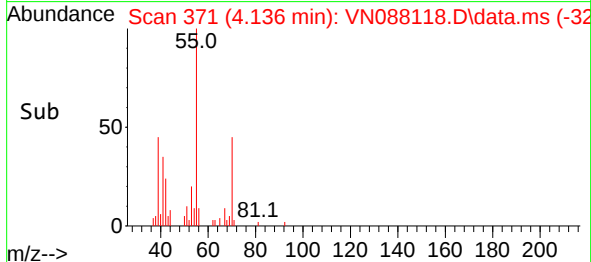
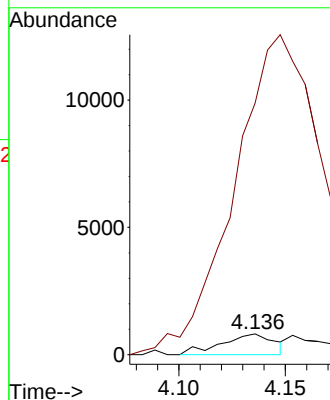
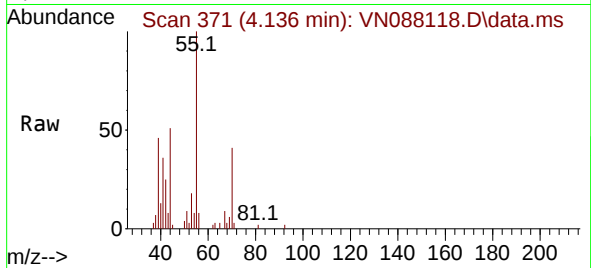




#13
Acrolein
Concen: 1.884 ug/l
RT: 4.136 min Scan# 31
Delta R.T. -0.035 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

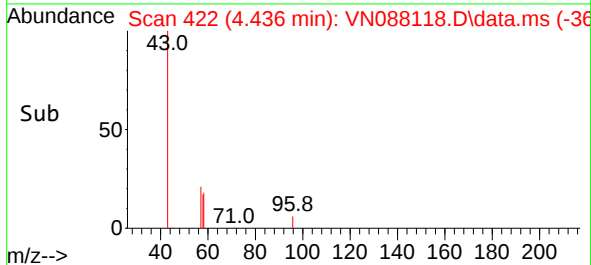
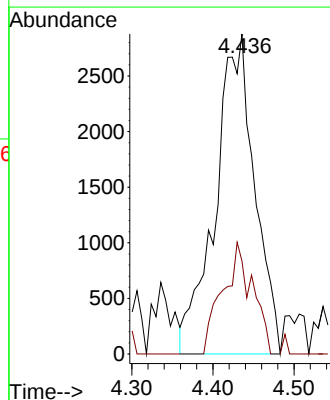
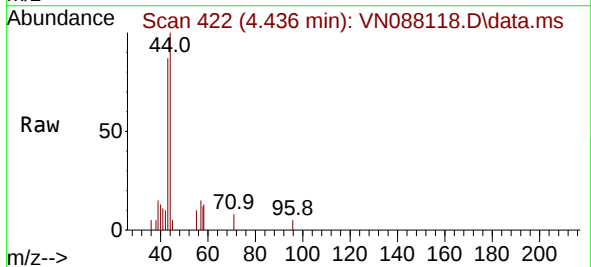
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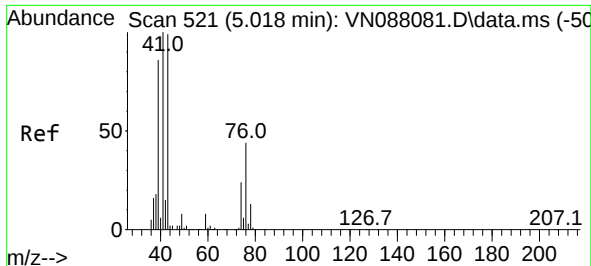
Tgt Ion: 56 Resp: 1416
Ion Ratio Lower Upper
56 100
55 2700.3 57.3 85.9#



#16
Acetone
Concen: 4.957 ug/l
RT: 4.436 min Scan# 422
Delta R.T. 0.012 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 43 Resp: 9660
Ion Ratio Lower Upper
43 100
58 29.0 22.6 33.8

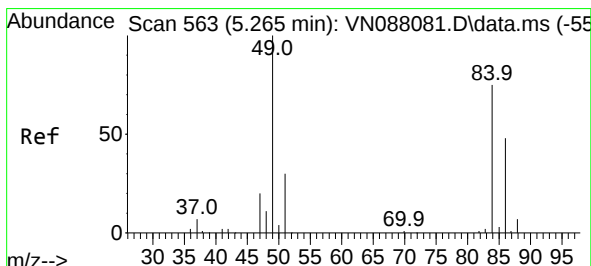
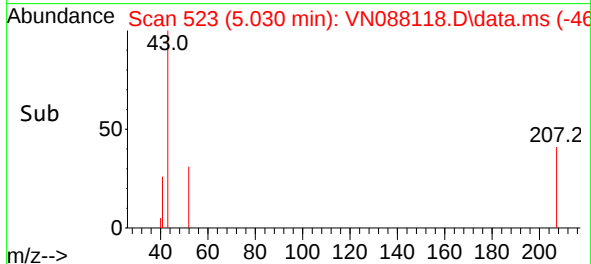
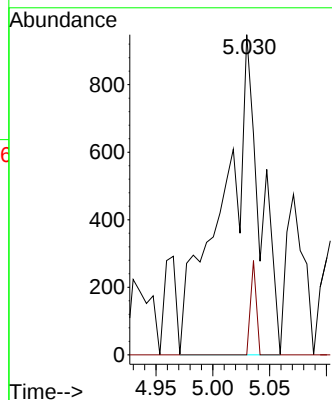
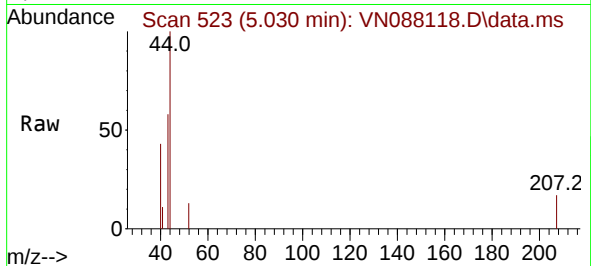




#18
Methyl Acetate
Concen: 0.543 ug/l
RT: 5.030 min Scan# 518
Delta R.T. 0.018 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

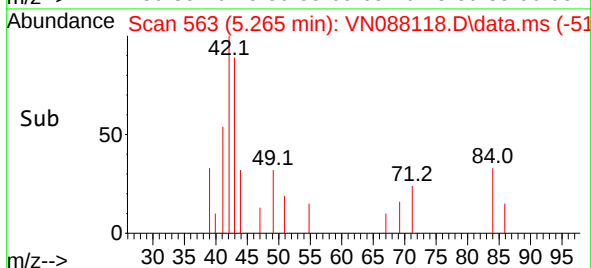
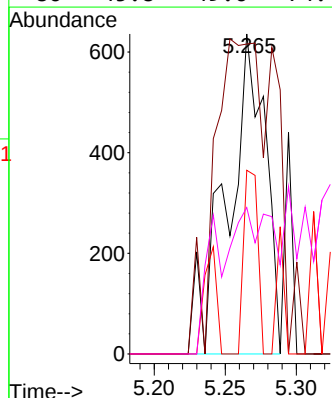
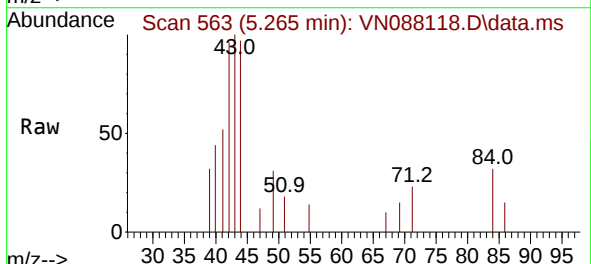
Instrument :
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ClientSampleId :
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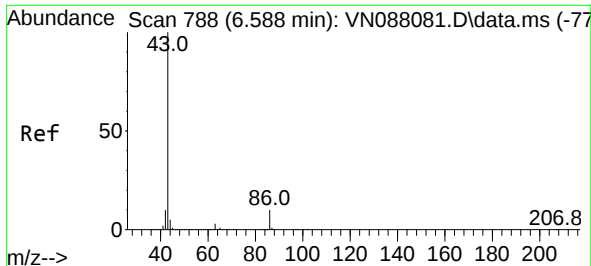
Tgt Ion: 43 Resp: 2165
Ion Ratio Lower Upper
43 100
74 4.5 17.6 26.4#



#20
Methylene Chloride
Concen: 1.156 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 84 Resp: 1181
Ion Ratio Lower Upper
84 100
49 96.9 103.4 155.2#
51 57.4 33.8 50.8#
86 45.8 49.6 74.4#

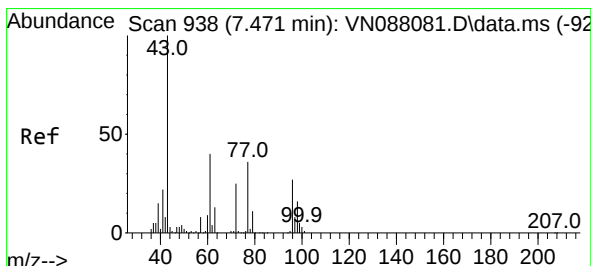
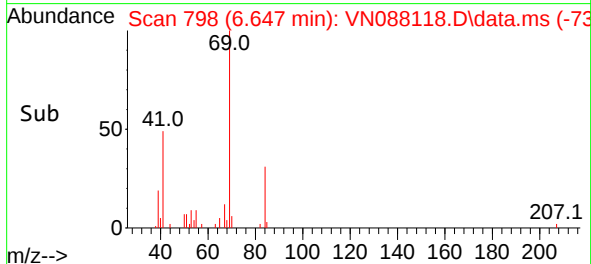
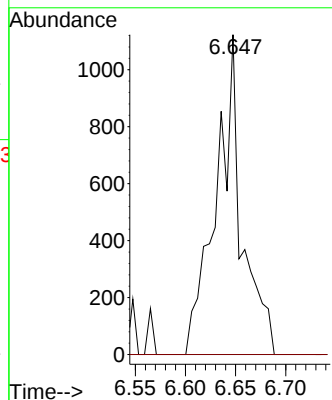
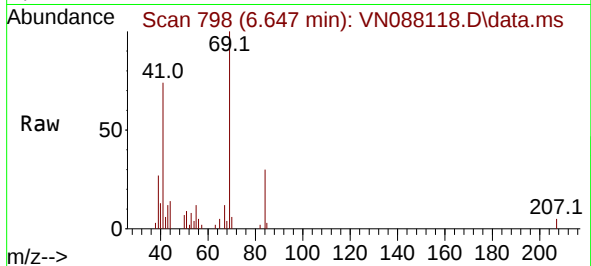




#23
 Vinyl Acetate
 Concen: 0.215 ug/l
 RT: 6.647 min Scan# 798
 Delta R.T. 0.059 min
 Lab File: VN088118.D
 Acq: 27 Oct 2025 16:37

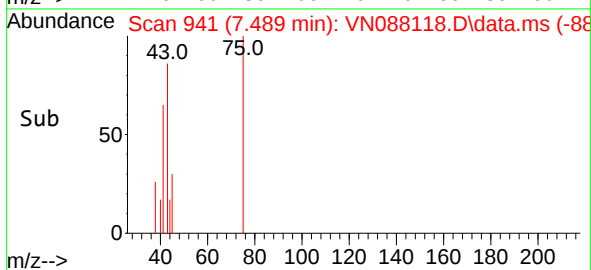
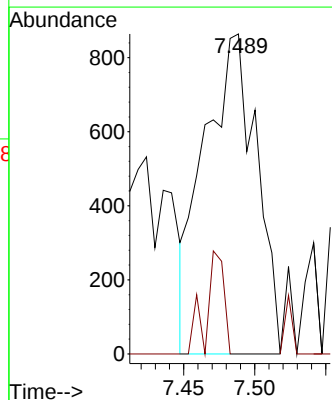
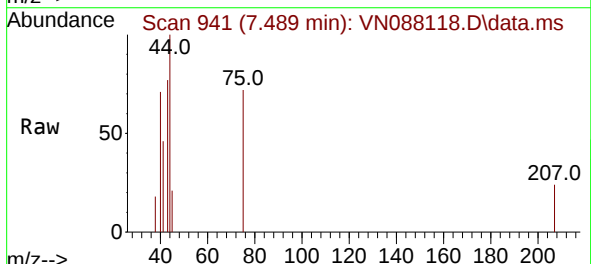
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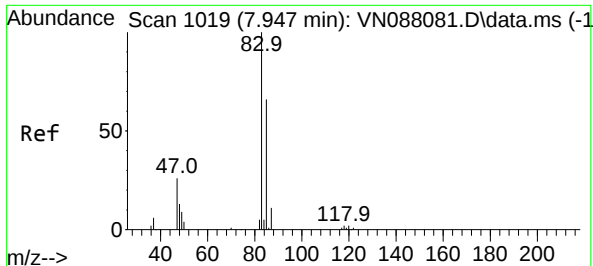
Tgt Ion: 43 Resp: 2009
 Ion Ratio Lower Upper
 43 100
 86 0.0 8.2 12.4#



#25
 2-Butanone
 Concen: 0.862 ug/l
 RT: 7.489 min Scan# 941
 Delta R.T. 0.023 min
 Lab File: VN088118.D
 Acq: 27 Oct 2025 16:37

Tgt Ion: 43 Resp: 2215
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.9 29.9#

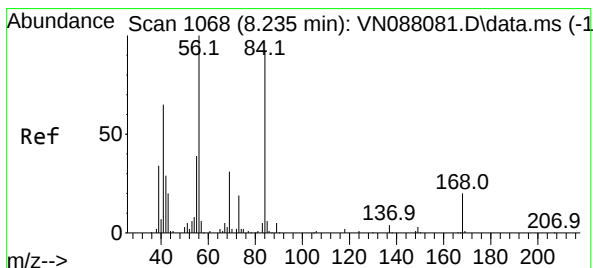
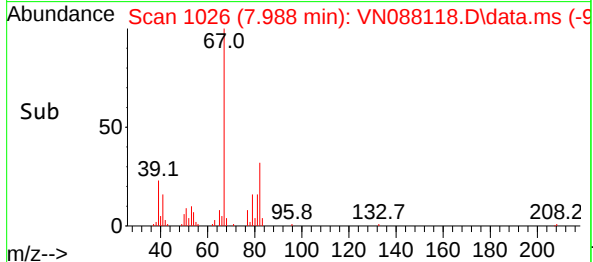
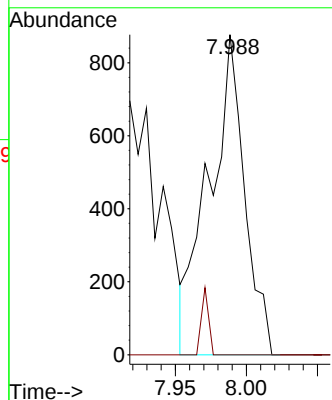
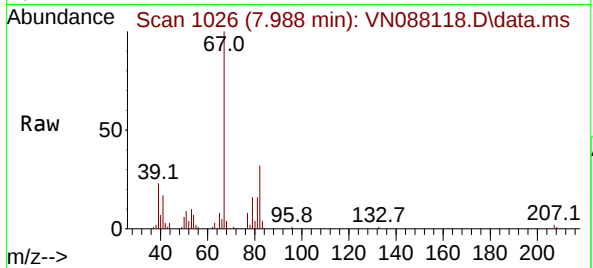




#30
Chloroform
Concen: 0.265 ug/l
RT: 7.988 min Scan# 1026
Delta R.T. 0.041 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

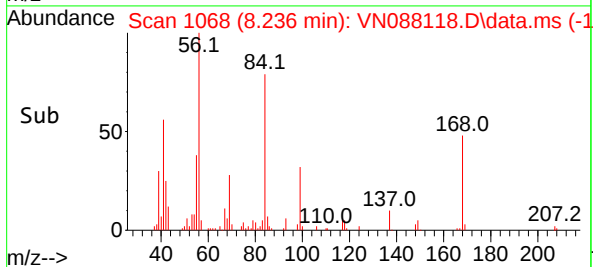
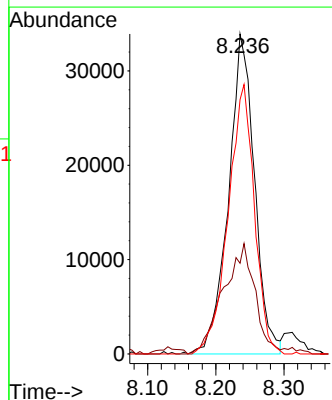
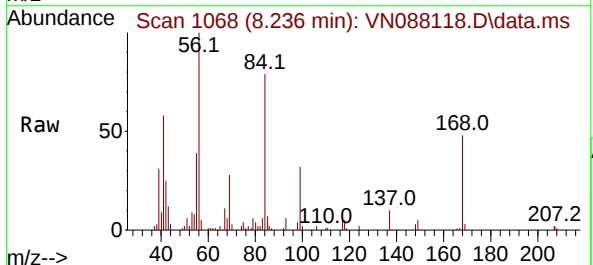
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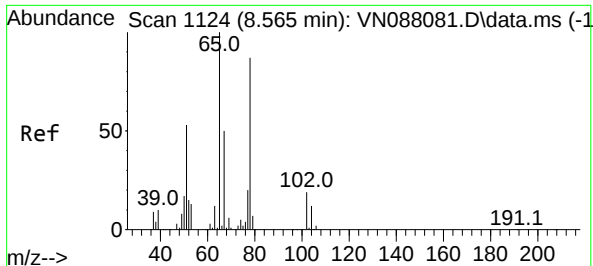
Tgt Ion: 83 Resp: 1522
Ion Ratio Lower Upper
83 100
85 0.0 50.7 76.1#



#31
Cyclohexane
Concen: 16.570 ug/l
RT: 8.236 min Scan# 1068
Delta R.T. -0.000 min
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Tgt Ion: 56 Resp: 89978
Ion Ratio Lower Upper
56 100
69 27.1 23.7 35.5
84 79.5 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 54.207 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

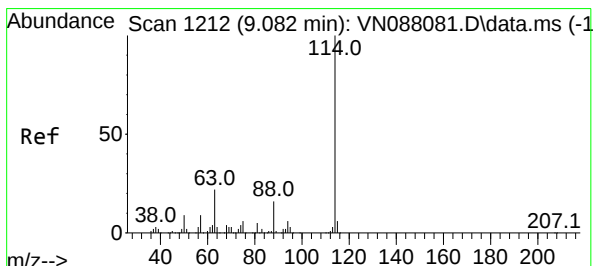
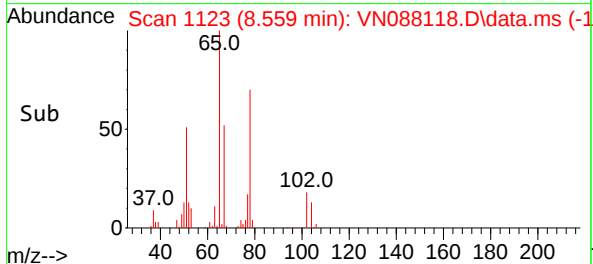
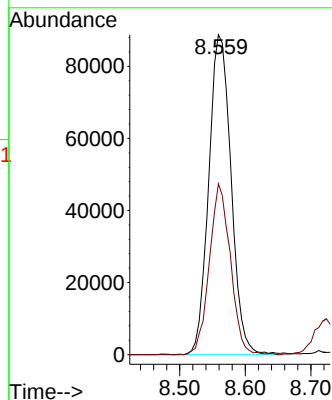
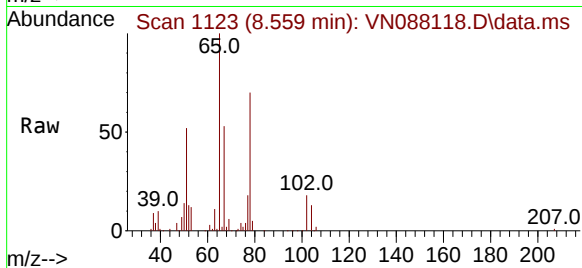
TWP3

Tgt Ion: 65 Resp: 210281

Ion Ratio Lower Upper

65 100

67 50.3 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

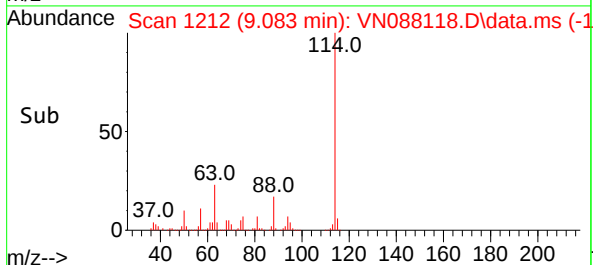
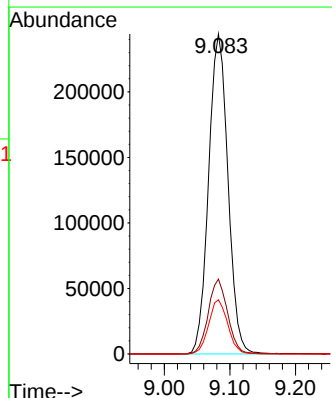
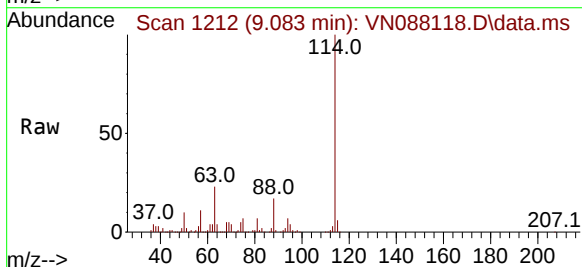
Tgt Ion: 114 Resp: 500872

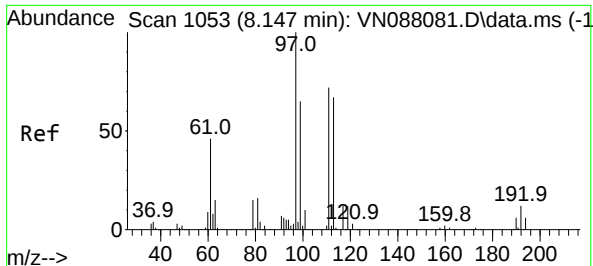
Ion Ratio Lower Upper

114 100

63 23.4 0.0 45.2

88 17.0 0.0 33.4

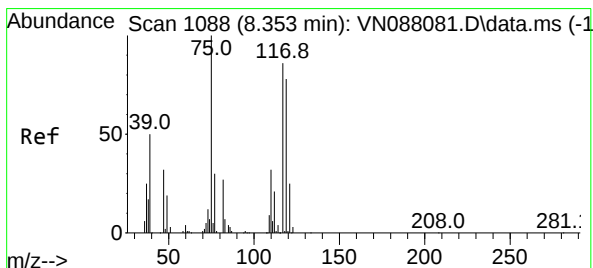
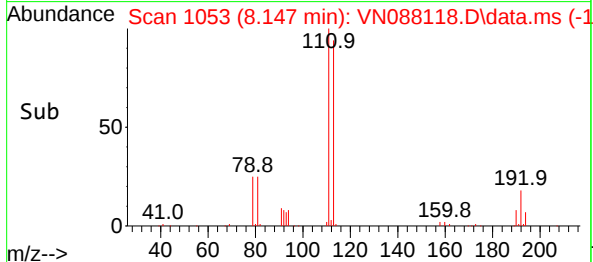
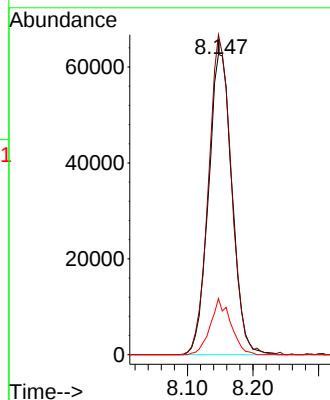
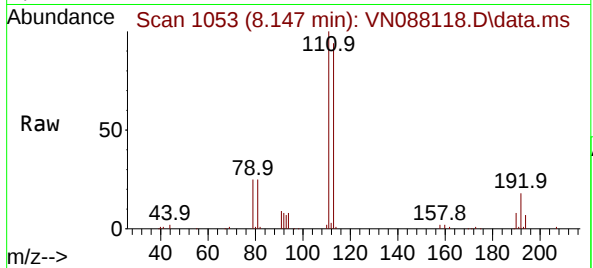




#35
Dibromofluoromethane
Concen: 46.608 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

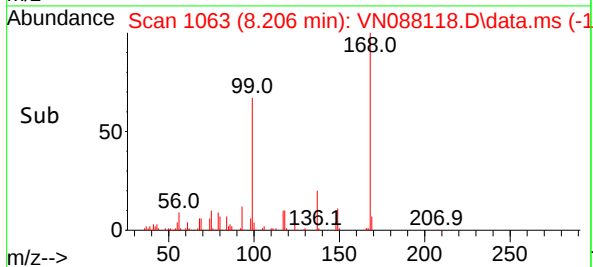
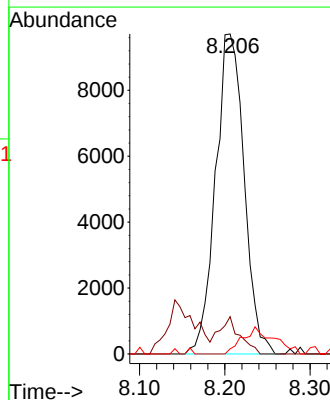
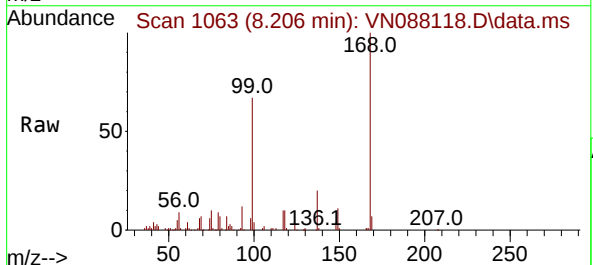
Instrument :
MSVOA_N
ClientSampleId :
TWP3

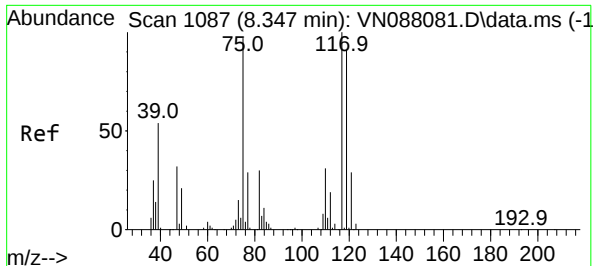
Tgt Ion:113 Resp: 156831
Ion Ratio Lower Upper
113 100
111 102.7 82.8 124.2
192 16.2 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.599 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 75 Resp: 22594
Ion Ratio Lower Upper
75 100
110 8.5 15.9 47.6#
77 0.0 24.4 36.6#

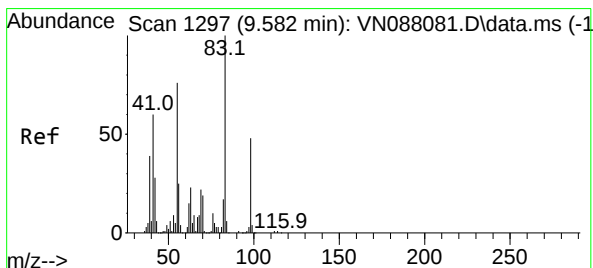
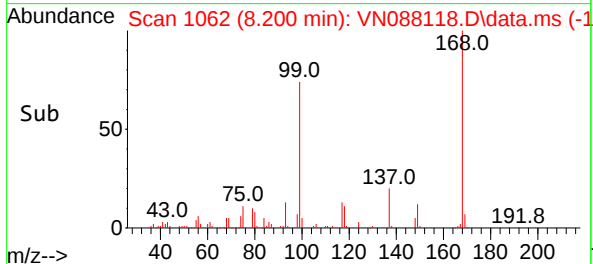
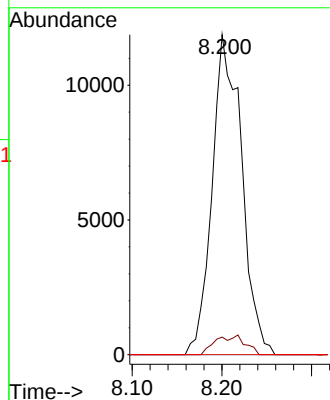
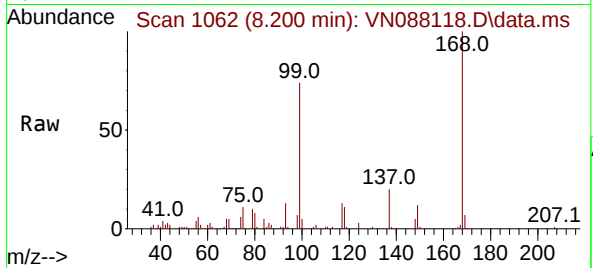




#38
Carbon Tetrachloride
Concen: 5.329 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

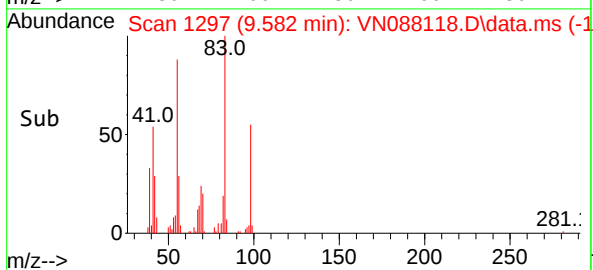
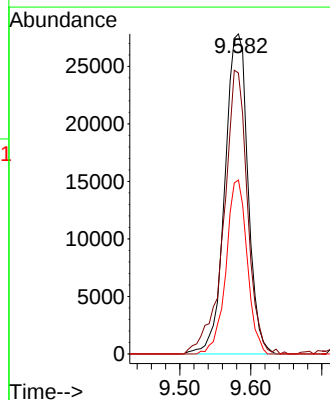
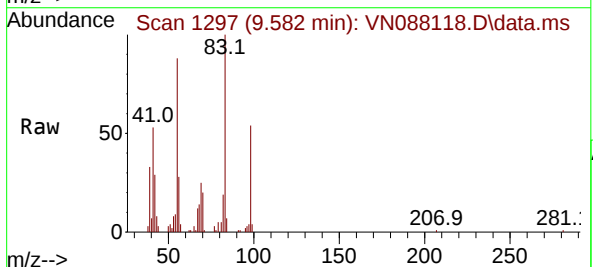
Instrument :
MSVOA_N
ClientSampleId :
TWP3

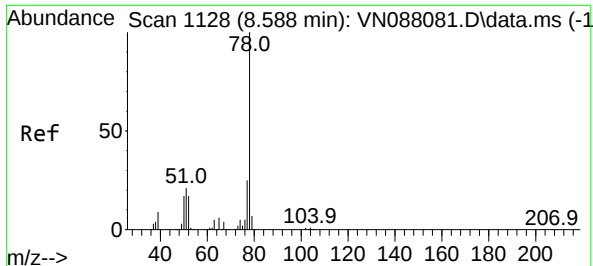
Tgt Ion:117 Resp: 27044
Ion Ratio Lower Upper
117 100
119 5.5 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 9.946 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 83 Resp: 62812
Ion Ratio Lower Upper
83 100
55 87.8 64.6 96.8
98 54.3 38.4 57.6

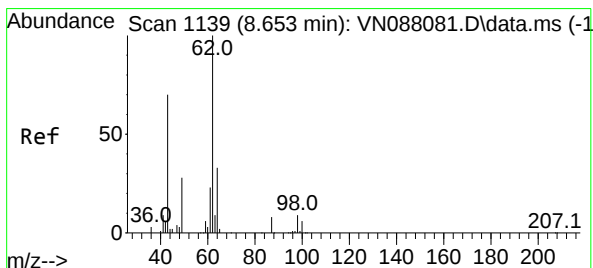
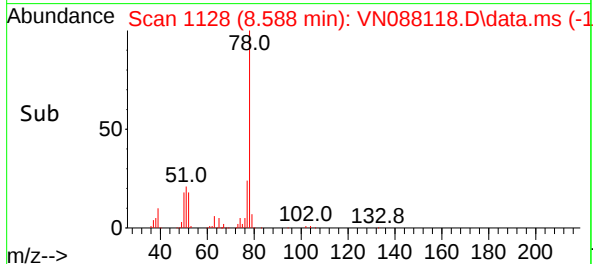
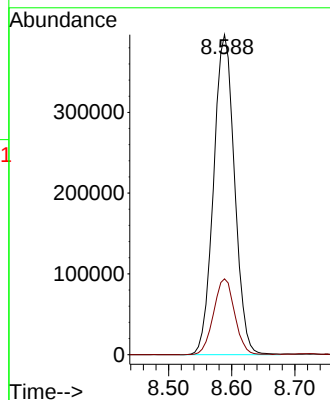
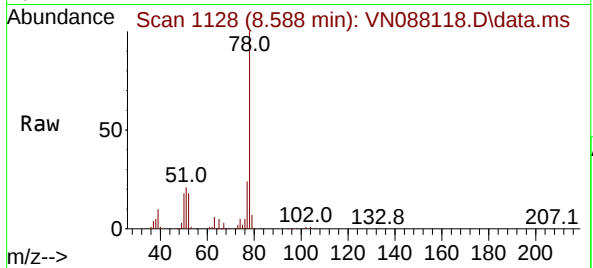




#40
Benzene
Concen: 60.961 ug/l
RT: 8.588 min Scan# 1128
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

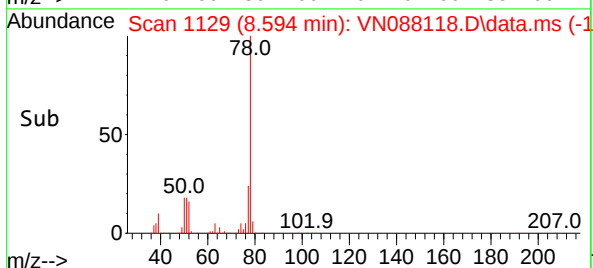
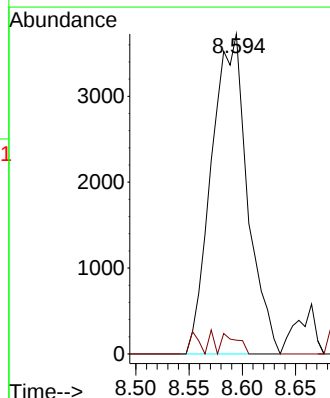
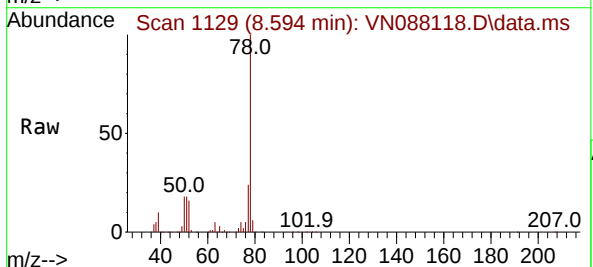
Instrument :
MSVOA_N
ClientSampleId :
TWP3

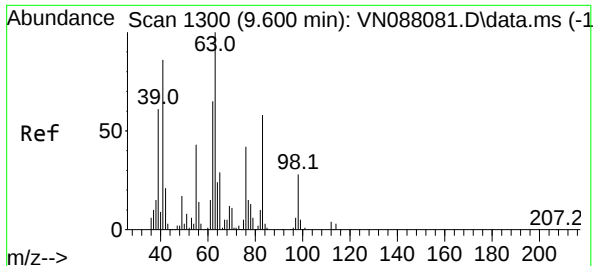
Tgt Ion: 78 Resp: 912139
Ion Ratio Lower Upper
78 100
77 23.7 19.7 29.5



#42
1,2-Dichloroethane
Concen: 1.649 ug/l
RT: 8.594 min Scan# 1129
Delta R.T. -0.059 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 62 Resp: 8765
Ion Ratio Lower Upper
62 100
98 2.9 0.0 17.4





#45

1,2-Dichloropropane

Concen: 0.242 ug/l

RT: 9.577 min Scan# 11

Delta R.T. -0.024 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

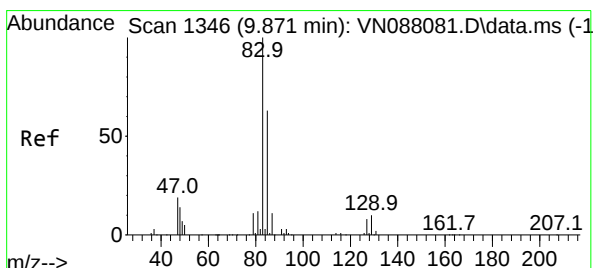
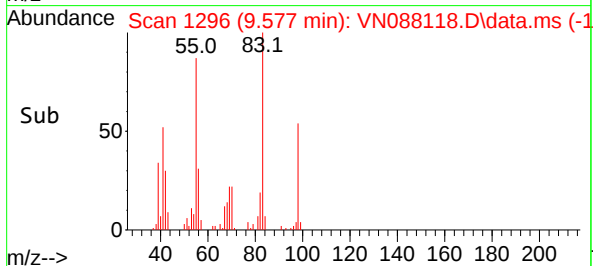
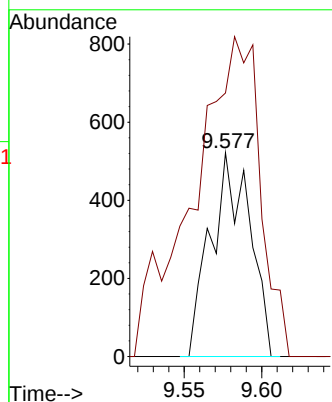
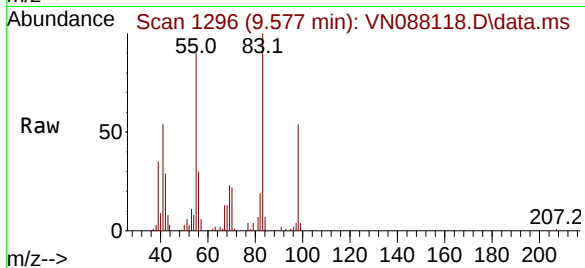
TWP3

Tgt Ion: 63 Resp: 914

Ion Ratio Lower Upper

63 100

65 96.7 25.0 37.4#



#47

Bromodichloromethane

Concen: 0.209 ug/l

RT: 9.853 min Scan# 1343

Delta R.T. -0.018 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

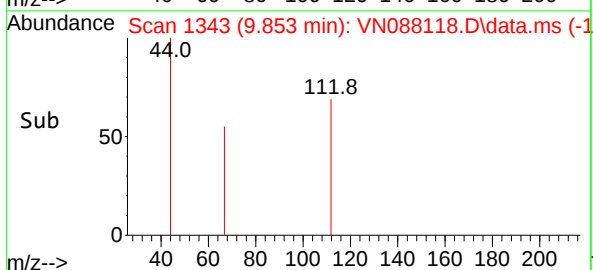
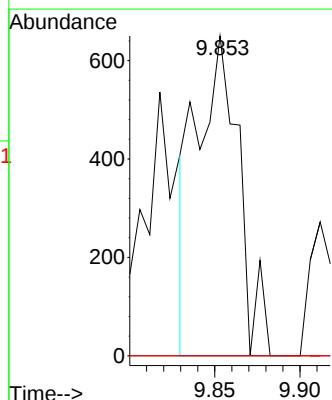
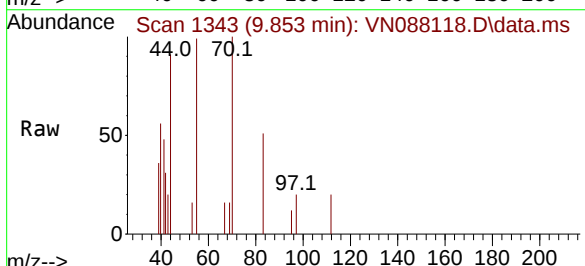
Tgt Ion: 83 Resp: 1127

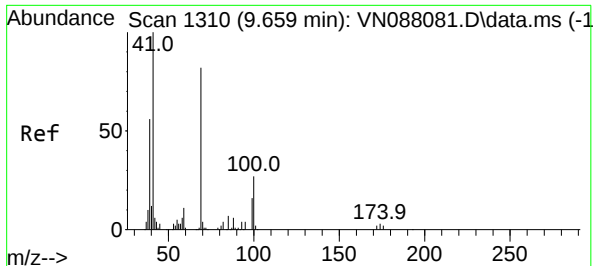
Ion Ratio Lower Upper

83 100

85 0.0 52.5 78.7#

127 0.0 5.8 8.6#





#48

Methyl methacrylate

Concen: 8.420 ug/l

RT: 9.582 min Scan# 1297

Delta R.T. -0.082 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

TWP3

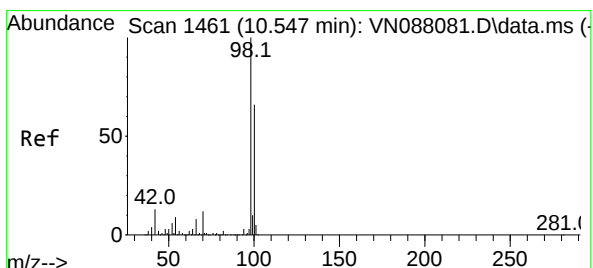
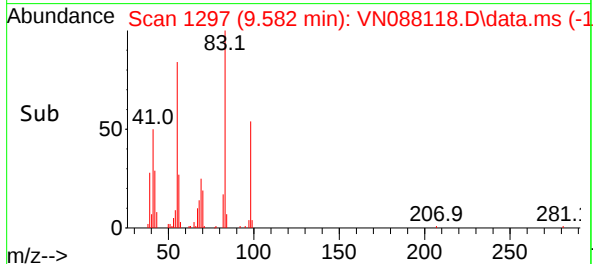
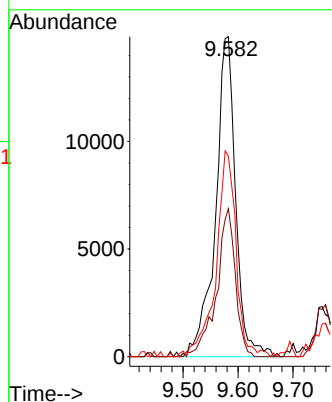
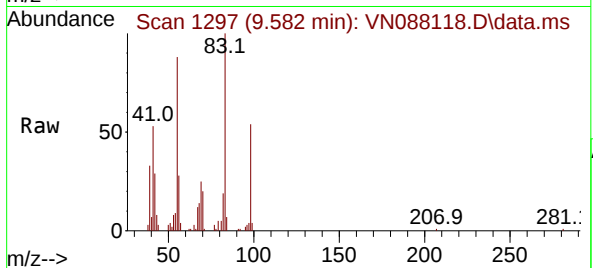
Tgt Ion: 41 Resp: 37875

Ion Ratio Lower Upper

41 100

69 43.3 62.7 94.1#

39 64.1 52.9 79.3



#50

Toluene-d8

Concen: 44.353 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088118.D

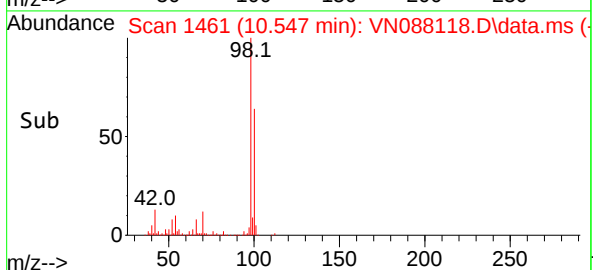
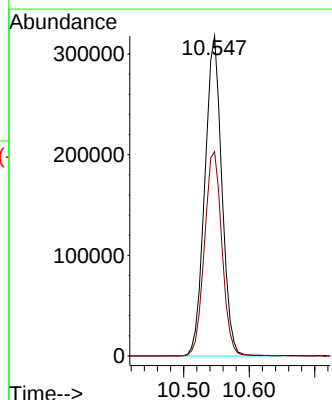
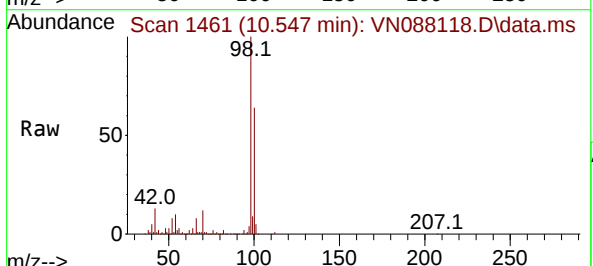
Acq: 27 Oct 2025 16:37

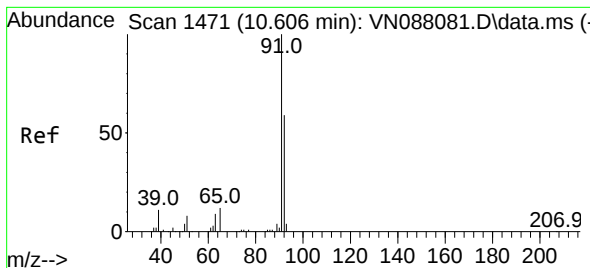
Tgt Ion: 98 Resp: 575060

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2





#52

Toluene

Concen: 3.414 ug/l

RT: 10.606 min Scan# 1471

Delta R.T. -0.000 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

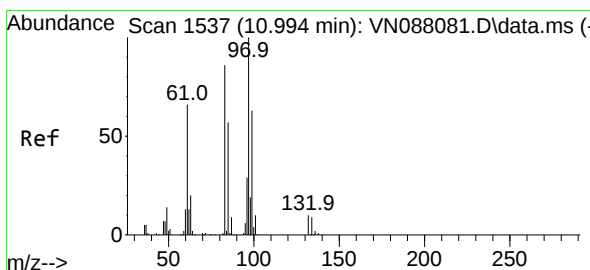
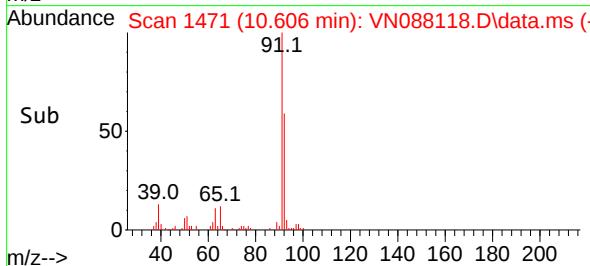
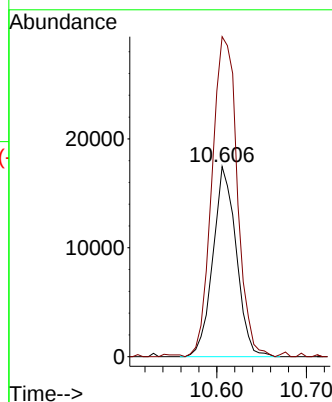
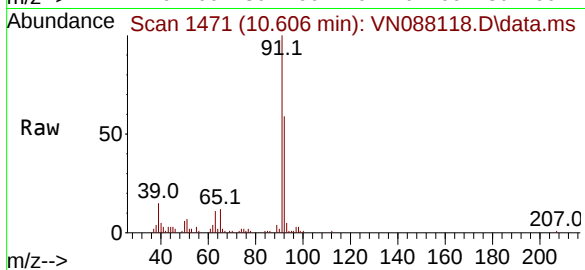
TWP3

Tgt Ion: 92 Resp: 31494

Ion Ratio Lower Upper

92 100

91 182.6 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 1.584 ug/l

RT: 10.982 min Scan# 1535

Delta R.T. -0.012 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Tgt Ion: 97 Resp: 5543

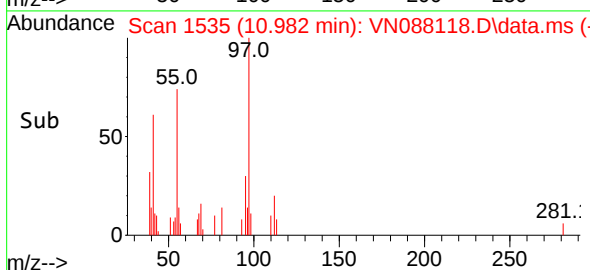
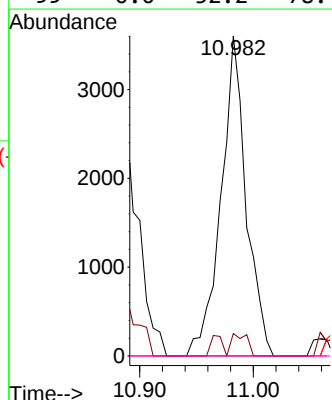
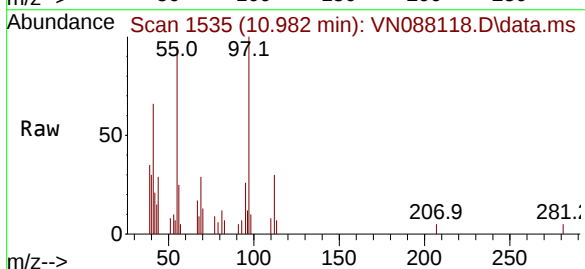
Ion Ratio Lower Upper

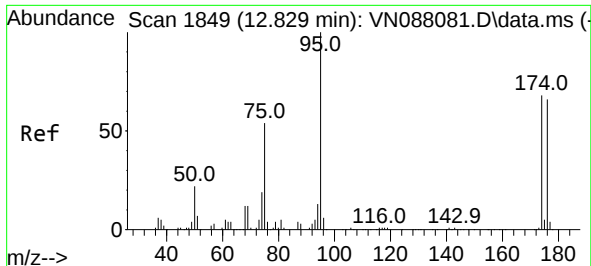
97 100

83 7.0 68.2 102.4#

85 0.0 45.5 68.3#

99 0.0 52.2 78.4#

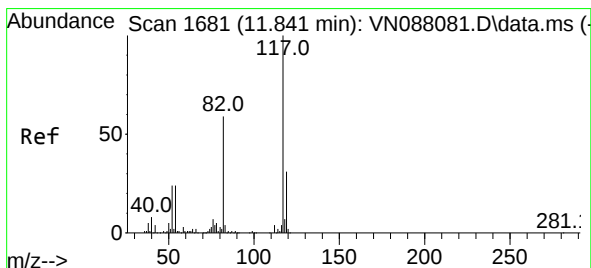
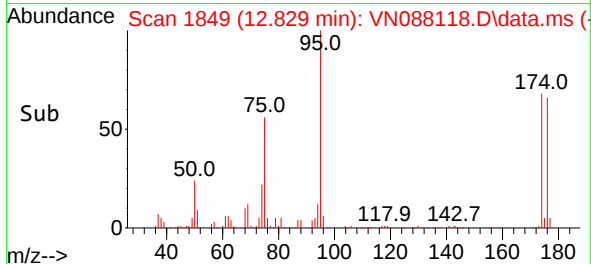
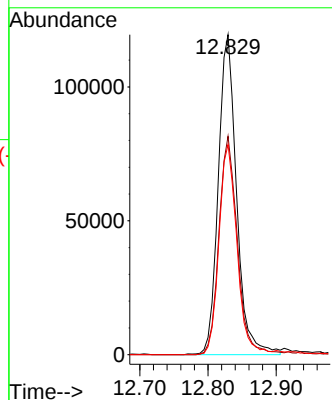
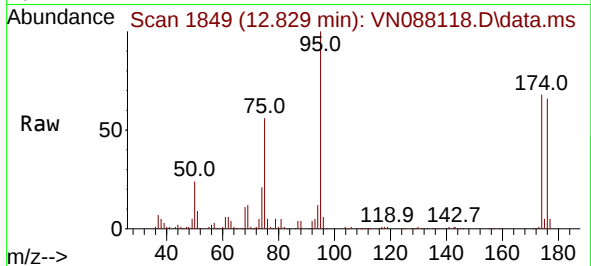




#62
4-Bromofluorobenzene
Concen: 48.867 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

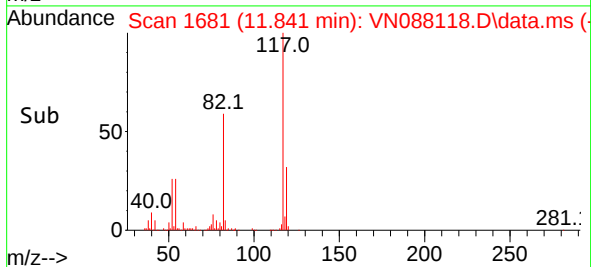
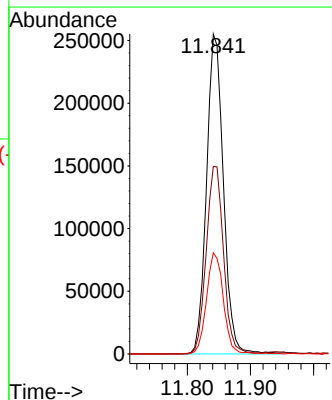
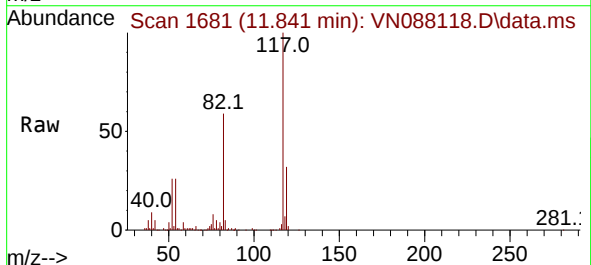
Instrument :
MSVOA_N
ClientSampleId :
TWP3

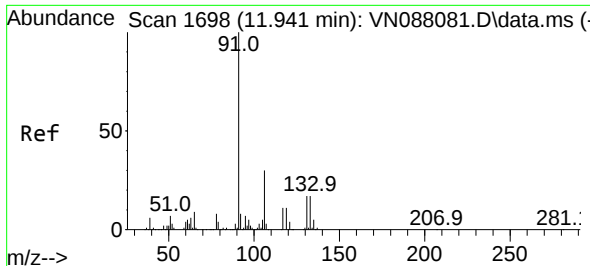
Tgt Ion: 95 Resp: 223758
Ion Ratio Lower Upper
95 100
174 68.5 0.0 138.4
176 64.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 117 Resp: 474497
Ion Ratio Lower Upper
117 100
82 58.6 47.4 71.2
119 31.6 24.3 36.5

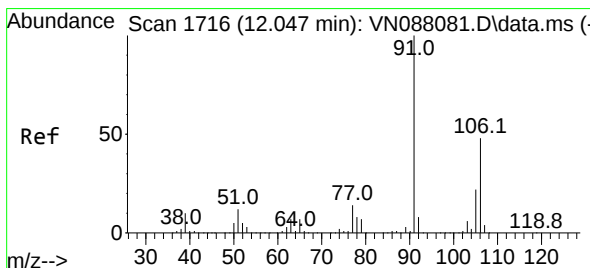
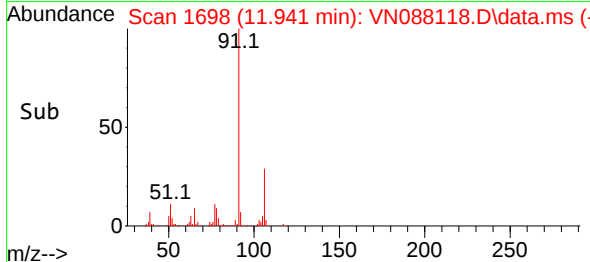
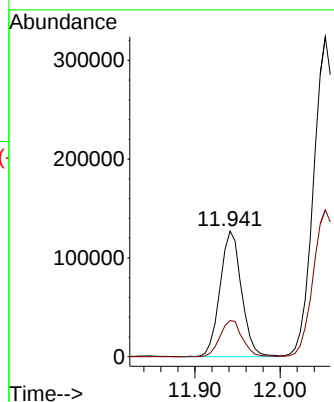
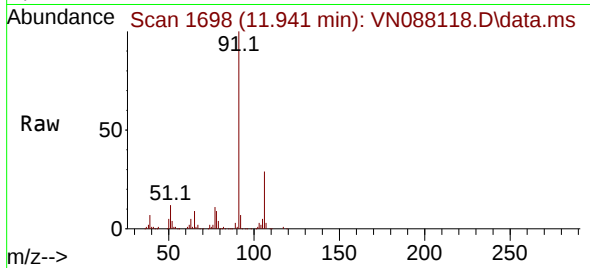




#67
Ethyl Benzene
Concen: 11.802 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

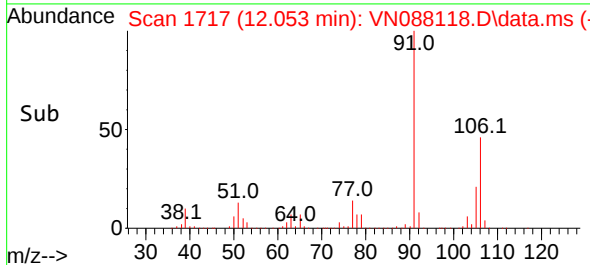
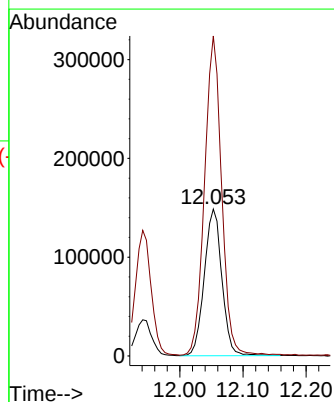
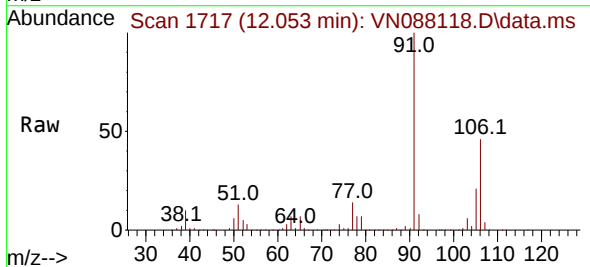
Instrument :
MSVOA_N
ClientSampleId :
TWP3

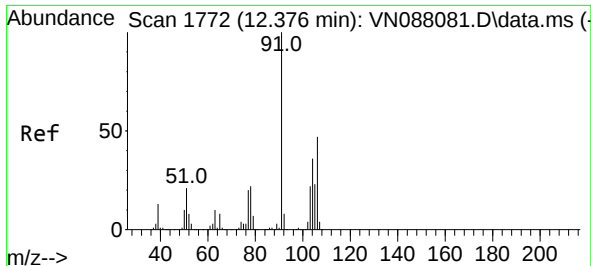
Tgt Ion: 91 Resp: 223201
Ion Ratio Lower Upper
91 100
106 28.8 24.1 36.1



#68
m/p-Xylenes
Concen: 40.549 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion:106 Resp: 287334
Ion Ratio Lower Upper
106 100
91 211.5 169.3 253.9

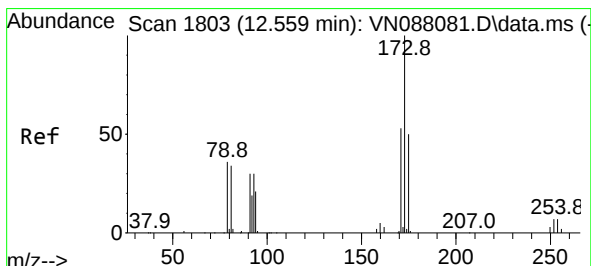
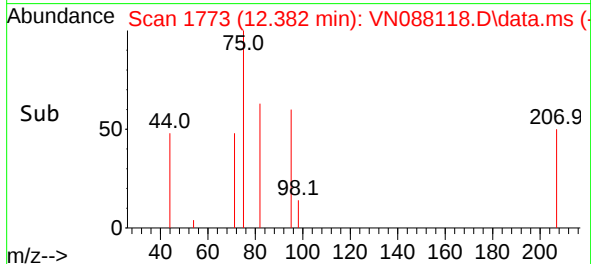
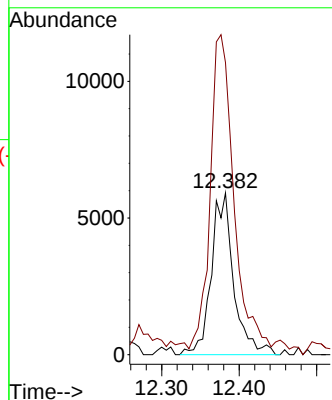
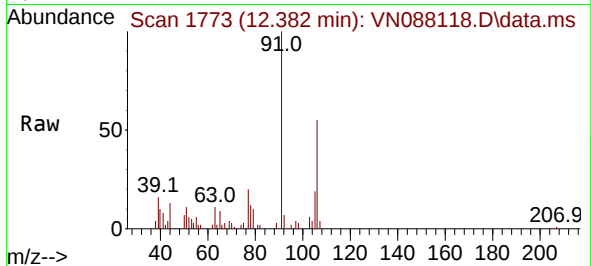




#69
o-Xylene
Concen: 1.767 ug/l
RT: 12.382 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

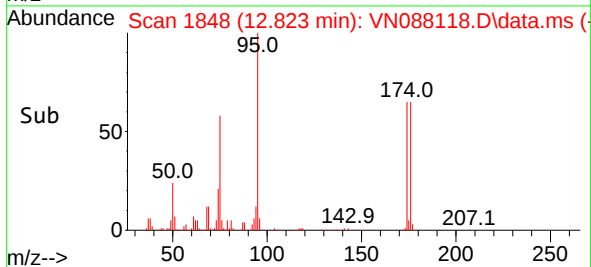
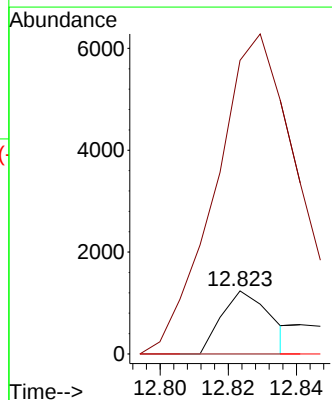
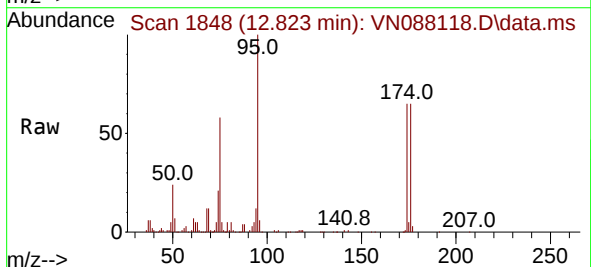
Instrument :
MSVOA_N
ClientSampleId :
TWP3

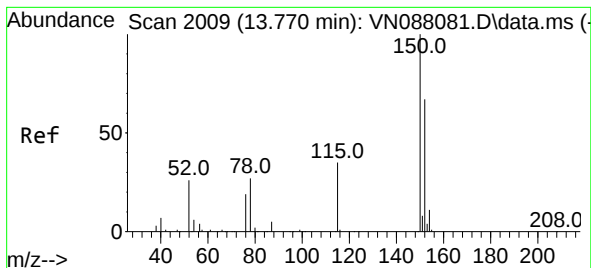
Tgt Ion:106 Resp: 11867
Ion Ratio Lower Upper
106 100
91 202.1 111.4 334.2



#71
Bromoform
Concen: 0.468 ug/l
RT: 12.823 min Scan# 1848
Delta R.T. 0.265 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion:173 Resp: 1232
Ion Ratio Lower Upper
173 100
175 689.2 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: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

TWP3

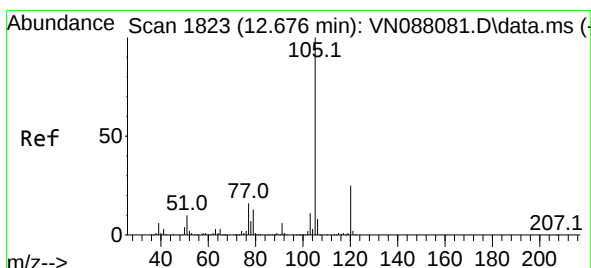
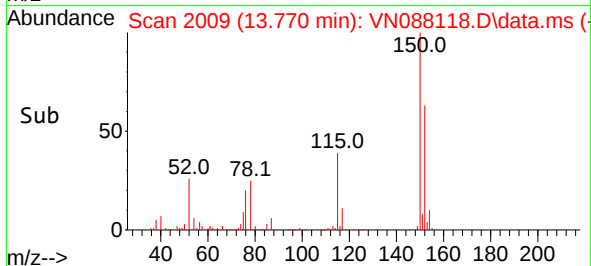
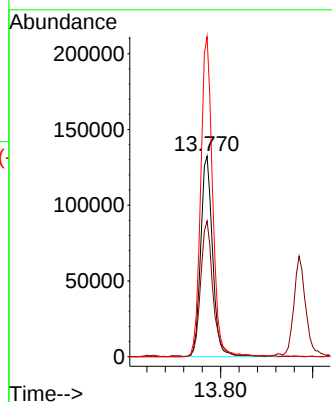
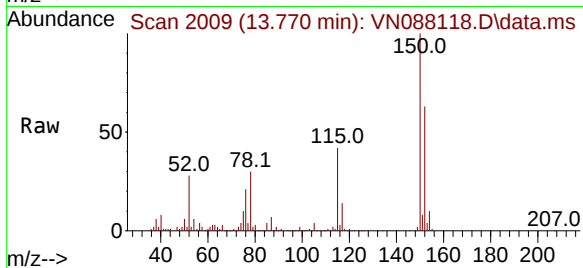
Tgt Ion:152 Resp: 239267

Ion Ratio Lower Upper

152 100

115 69.7 32.3 96.8

150 158.1 0.0 351.0



#73

Isopropylbenzene

Concen: 2.915 ug/l

RT: 12.671 min Scan# 1822

Delta R.T. -0.000 min

Lab File: VN088118.D

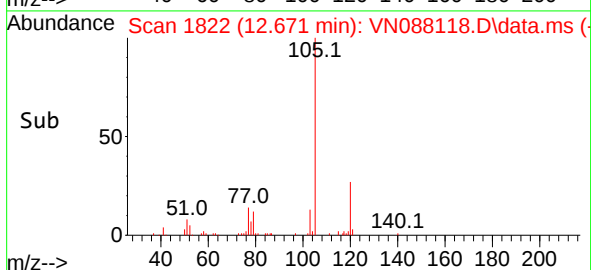
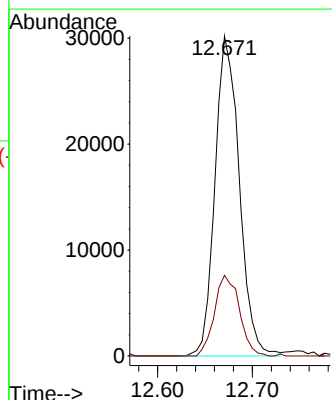
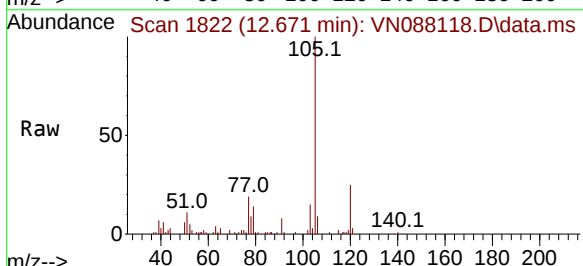
Acq: 27 Oct 2025 16:37

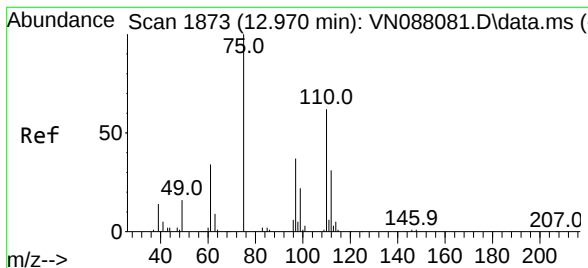
Tgt Ion:105 Resp: 53797

Ion Ratio Lower Upper

105 100

120 25.8 12.8 38.3





#76

1,2,3-Trichloropropane

Concen: 23.357 ug/l

RT: 12.829 min Scan# 1849

Delta R.T. -0.141 min

Lab File: VN088118.D

Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

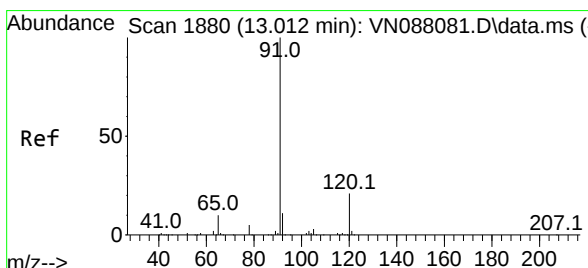
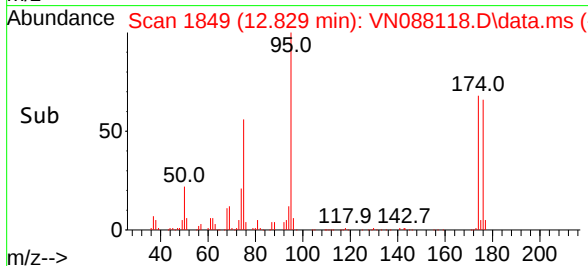
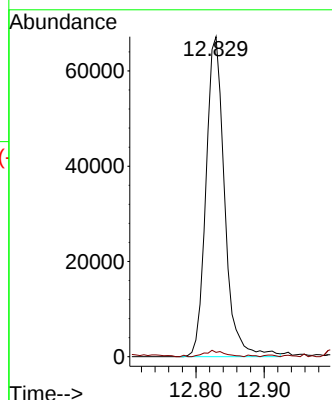
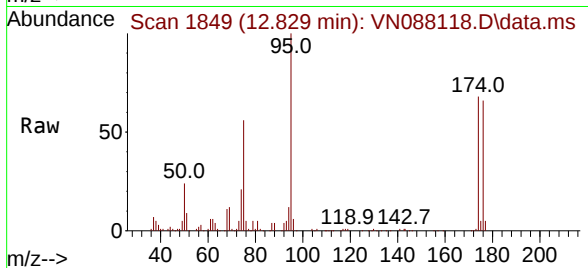
TWP3

Tgt Ion: 75 Resp: 127774

Ion Ratio Lower Upper

75 100

77 2.0 89.1 267.4#



#78

n-propylbenzene

Concen: 6.292 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN088118.D

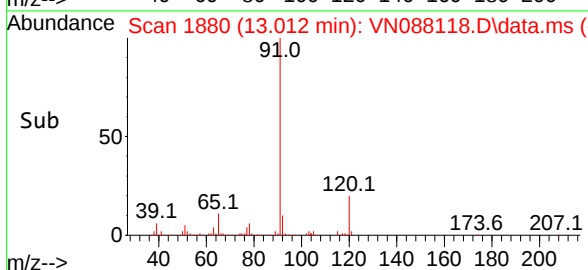
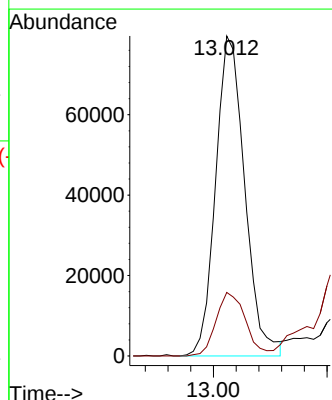
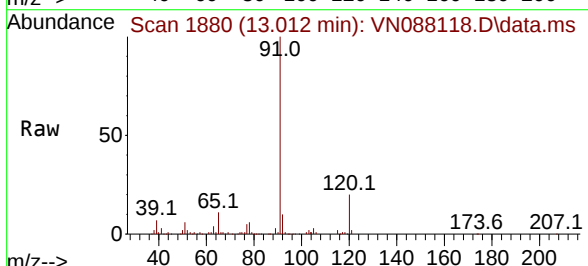
Acq: 27 Oct 2025 16:37

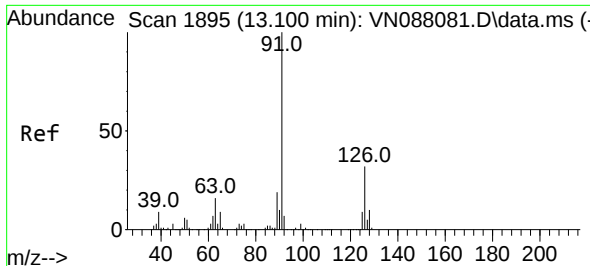
Tgt Ion: 91 Resp: 141707

Ion Ratio Lower Upper

91 100

120 20.0 10.7 32.1

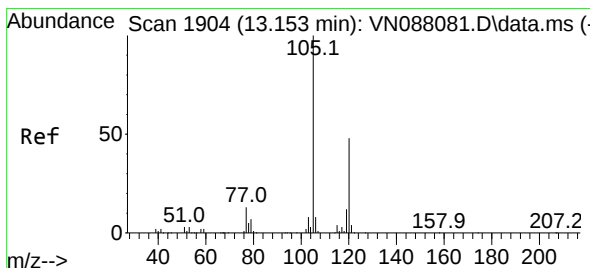
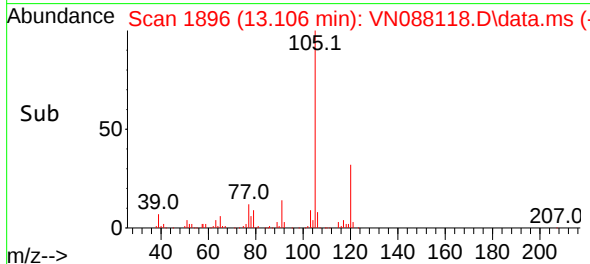
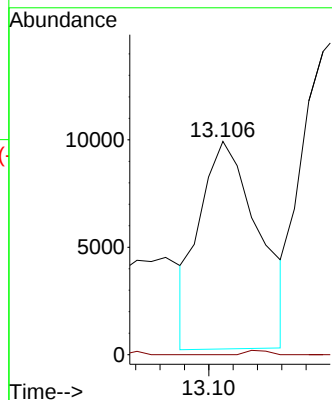
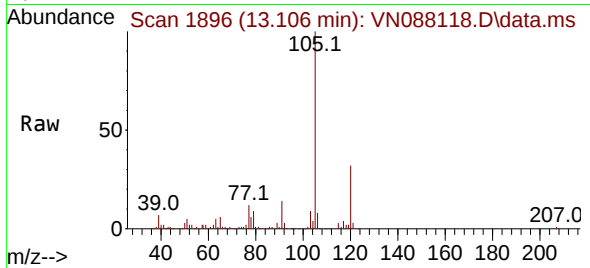




#79
2-Chlorotoluene
Concen: 1.268 ug/l
RT: 13.106 min Scan# 1895
Delta R.T. 0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

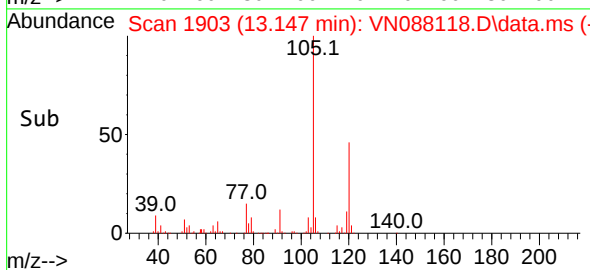
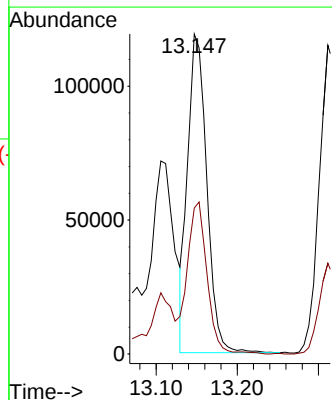
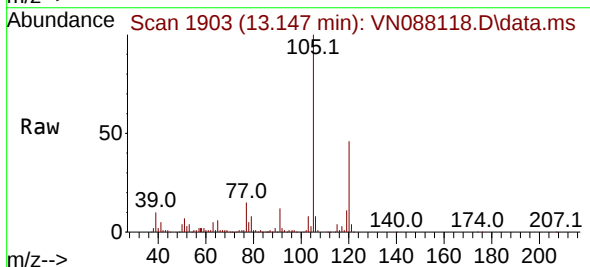
Instrument :
MSVOA_N
ClientSampleId :
TWP3

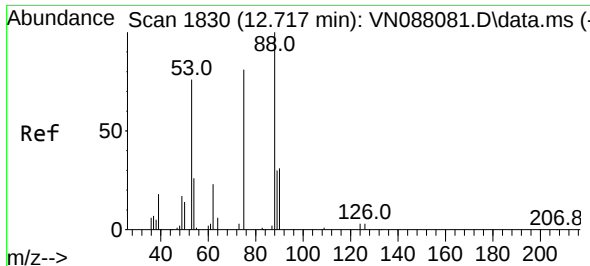
Tgt Ion: 91 Resp: 16279
Ion Ratio Lower Upper
91 100
126 0.8 16.1 48.3#



#80
1,3,5-Trimethylbenzene
Concen: 12.751 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 105 Resp: 195431
Ion Ratio Lower Upper
105 100
120 50.4 23.2 69.6

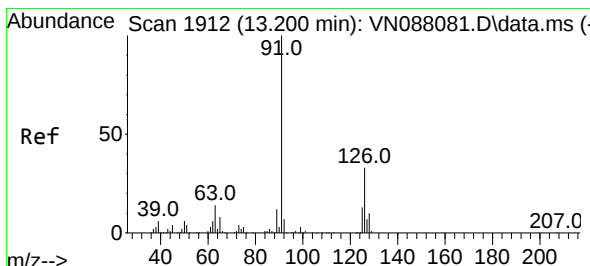
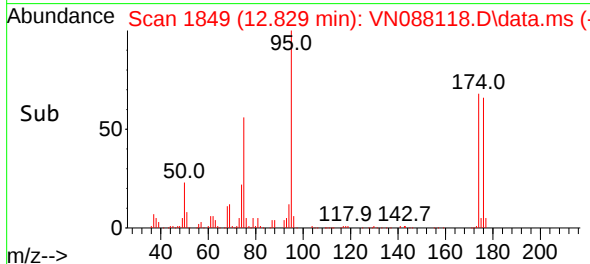
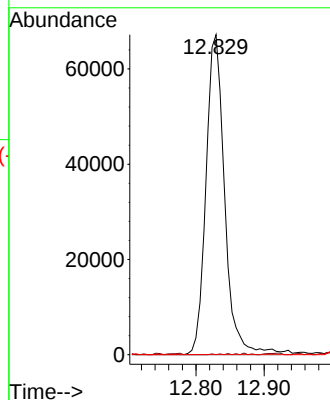
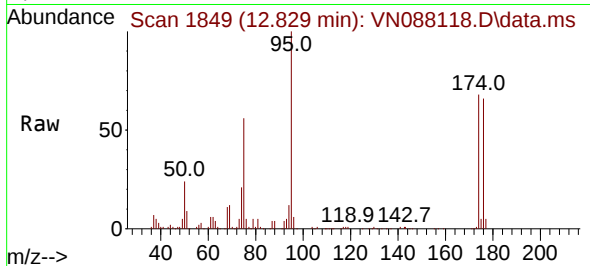




#81
trans-1,4-Dichloro-2-butene
Concen: 65.156 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

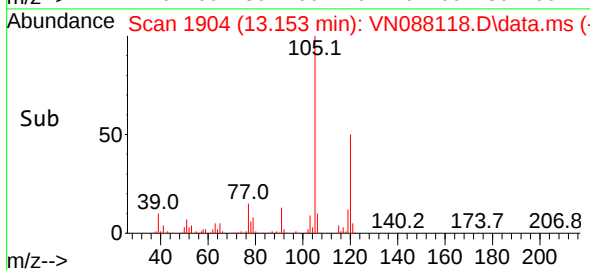
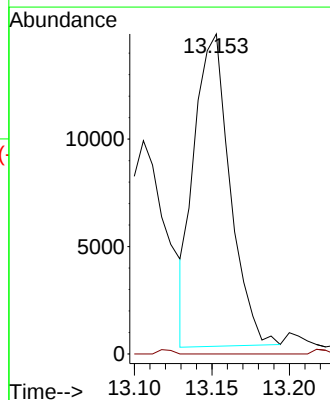
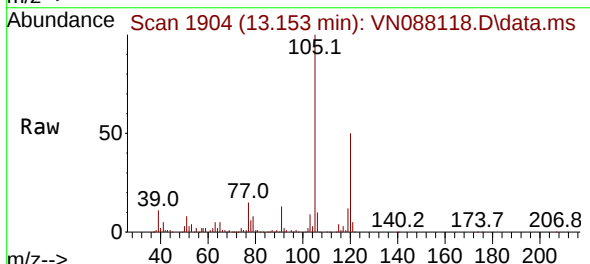
Instrument :
MSVOA_N
ClientSampleId :
TWP3

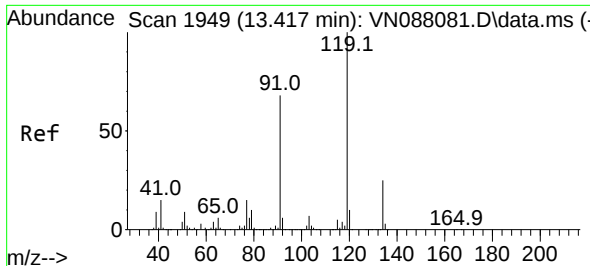
Tgt Ion: 75 Resp: 127774
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 1.680 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 91 Resp: 23347
Ion Ratio Lower Upper
91 100
126 0.0 15.6 46.8#

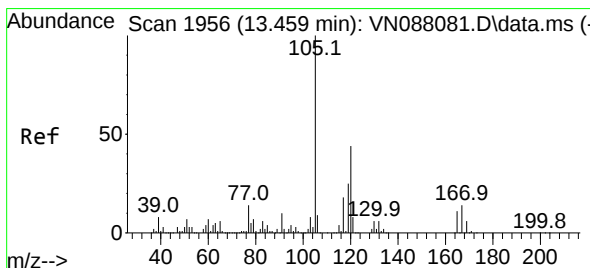
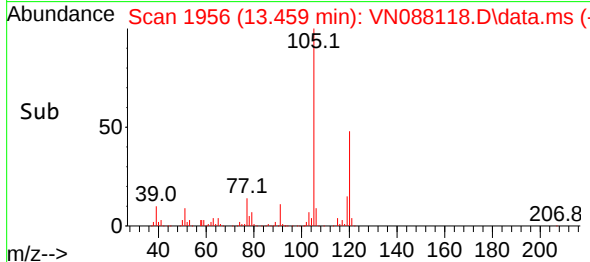
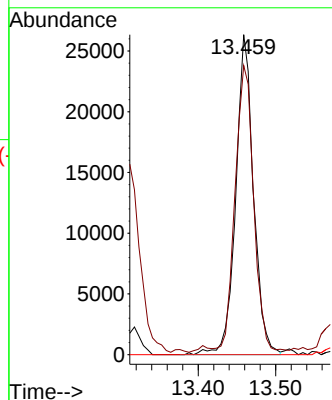
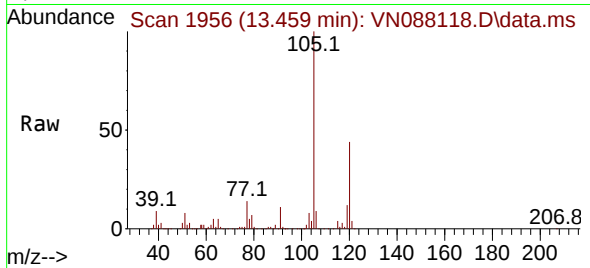




#83
tert-Butylbenzene
Concen: 3.072 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

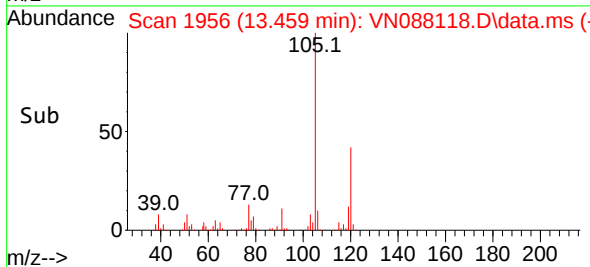
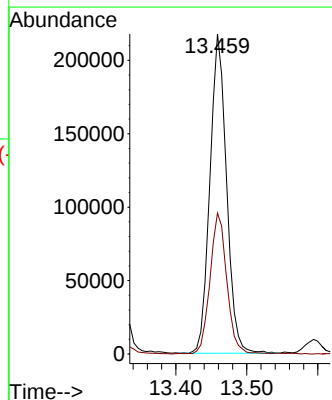
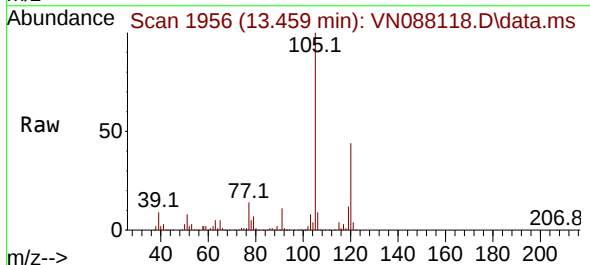
Instrument :
MSVOA_N
ClientSampleId :
TWP3

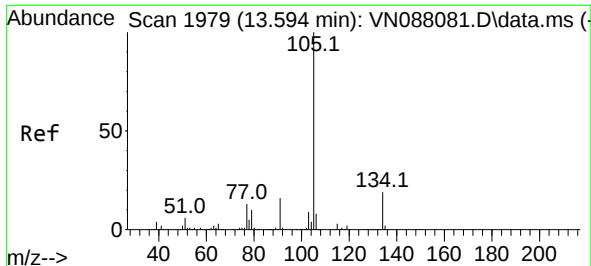
Tgt Ion:119 Resp: 42060
Ion Ratio Lower Upper
119 100
91 92.1 35.0 105.0
134 0.0 12.6 37.8#



#84
1,2,4-Trimethylbenzene
Concen: 23.074 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion:105 Resp: 353818
Ion Ratio Lower Upper
105 100
120 44.6 22.0 66.0

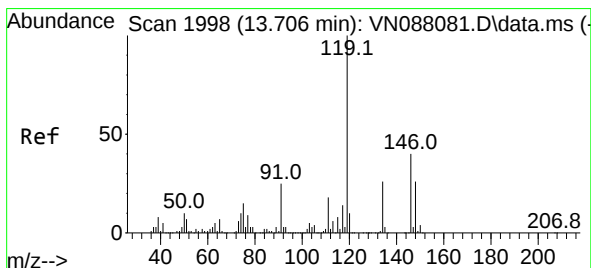
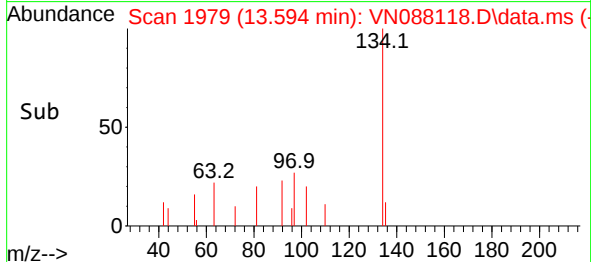
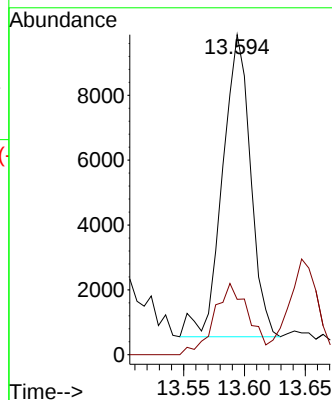
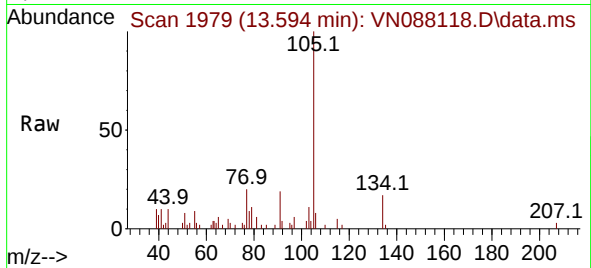




#85
 sec-Butylbenzene
 Concen: 0.745 ug/l
 RT: 13.594 min Scan# 1979
 Delta R.T. -0.000 min
 Lab File: VN088118.D
 Acq: 27 Oct 2025 16:37

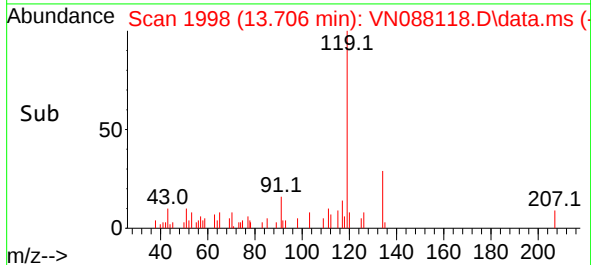
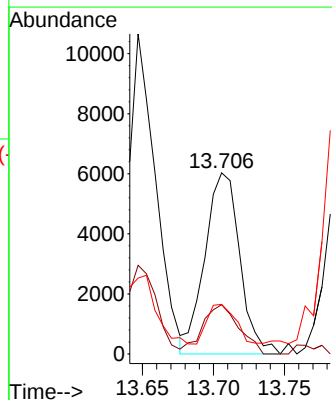
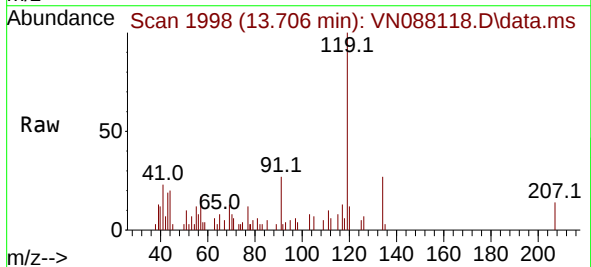
Instrument :
 MSVOA_N
 ClientSampleId :
 TWP3

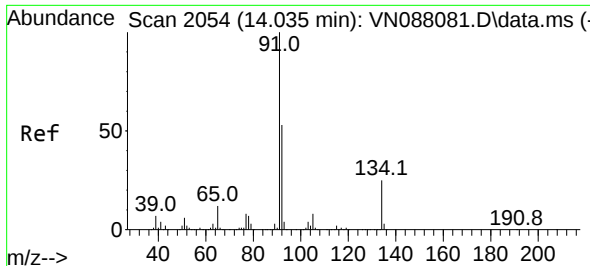
Tgt Ion:105 Resp: 14978
 Ion Ratio Lower Upper
 105 100
 134 28.8 9.6 28.6#



#86
 p-Isopropyltoluene
 Concen: 0.639 ug/l
 RT: 13.706 min Scan# 1998
 Delta R.T. -0.000 min
 Lab File: VN088118.D
 Acq: 27 Oct 2025 16:37

Tgt Ion:119 Resp: 10319
 Ion Ratio Lower Upper
 119 100
 134 28.3 12.7 38.0
 91 17.6 12.5 37.5

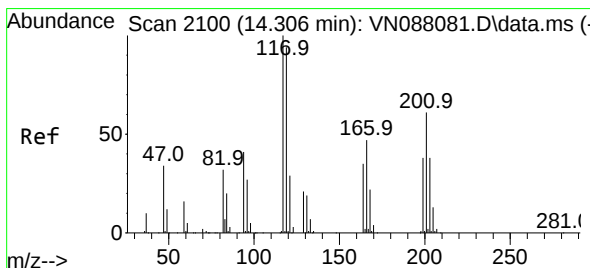
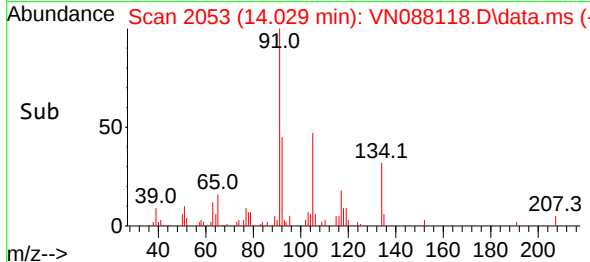
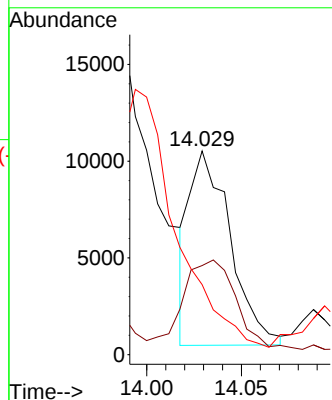
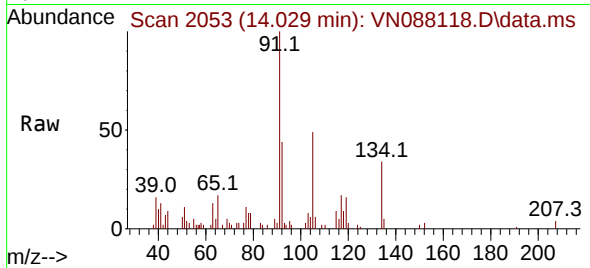




#89
n-Butylbenzene
Concen: 0.939 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.000 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

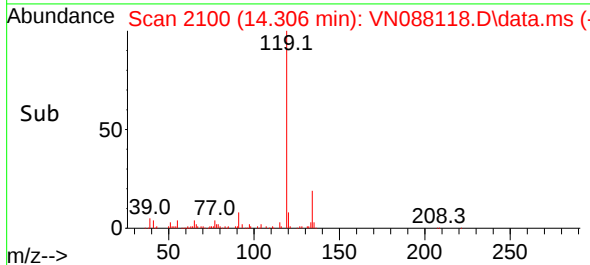
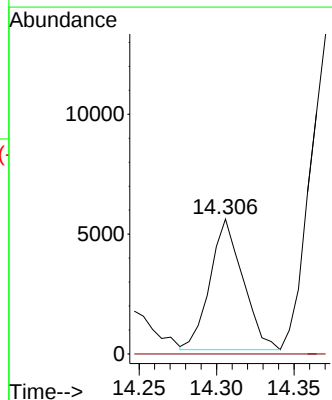
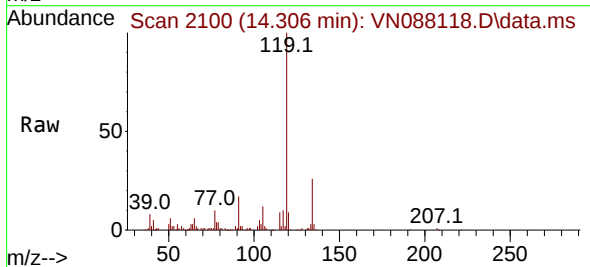
Instrument :
MSVOA_N
ClientSampleId :
TWP3

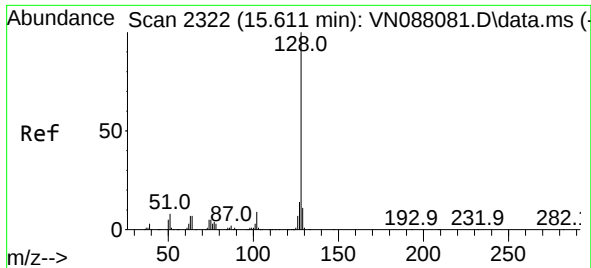
Tgt Ion: 91 Resp: 15011
Ion Ratio Lower Upper
91 100
92 62.2 25.9 77.8
134 0.0 11.7 35.0#



#90
Hexachloroethane
Concen: 2.571 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088118.D
Acq: 27 Oct 2025 16:37

Tgt Ion: 117 Resp: 8033
Ion Ratio Lower Upper
117 100
201 0.0 29.1 87.4#





#95

Naphthalene

Concen: 16.878 ug/l

RT: 15.611 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN088118.D

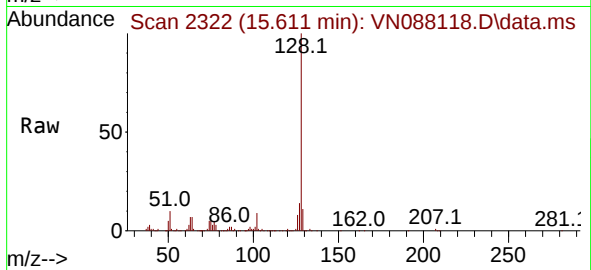
Acq: 27 Oct 2025 16:37

Instrument :

MSVOA_N

ClientSampleId :

TWP3



Tgt Ion:128 Resp: 268146

Ion Ratio Lower Upper

128 100

127 13.6 10.6 15.8

129 11.0 8.6 12.8

