

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN103125\
 Data File : VN088188.D
 Acq On : 31 Oct 2025 15:03
 Operator : JC\MD
 Sample : Q3490-01
 Misc : 1.23g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0151

Quant Time: Nov 01 00:34:39 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	8.194	168	246991	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	9.077	114	555346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	502679	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	233574	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	254105	59.496	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery	=	119.000%	
35) Dibromofluoromethane	8.147	113	187653	50.298	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery	=	100.600%	
50) Toluene-d8	10.541	98	708845	49.309	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery	=	98.620%	
62) 4-Bromofluorobenzene	12.829	95	260276	51.267	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery	=	102.540%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.971	94	490	0.229	ug/l #	22
10) Methyl Iodide	4.542	142	3344	5.267	ug/l #	70
11) Tert butyl alcohol	5.477	59	8113	11.026	ug/l #	71
13) Acrolein	4.171	56	190	0.230	ug/l	95
16) Acetone	4.430	43	2426	1.131	ug/l #	68
18) Methyl Acetate	5.012	43	27180	6.187	ug/l #	75
20) Methylene Chloride	5.242	84	4015	1.957	ug/l #	88
29) Tetrahydrofuran	7.830	42	474	0.257	ug/l #	43
31) Cyclohexane	8.200	56	16964	2.838	ug/l #	57
36) 1,1-Dichloropropene	8.200	75	24317	4.464	ug/l #	52
38) Carbon Tetrachloride	8.200	117	29151	5.181	ug/l #	14
39) Methylcyclohexane	9.577	83	13798	1.971	ug/l #	91
43) Isopropyl Acetate	8.677	43	4183	0.387	ug/l #	58
52) Toluene	10.606	92	241400	23.601	ug/l	97
53) t-1,3-Dichloropropene	10.606	75	3104	0.488	ug/l #	1
55) 1,1,2-Trichloroethane	10.982	97	9038	2.329	ug/l #	23
56) Ethyl methacrylate	10.847	69	1980	0.322	ug/l #	21
59) 2-Hexanone	11.147	43	11393	2.687	ug/l #	28
67) Ethyl Benzene	11.941	91	84271	4.206	ug/l	95
68) m/p-Xylenes	12.047	106	115024	15.322	ug/l	94
69) o-Xylene	12.376	106	59476	8.358	ug/l	97
70) Styrene	12.376	104	4670	0.402	ug/l #	1
73) Isopropylbenzene	12.671	105	28848	1.601	ug/l	93
74) N-amyl acetate	12.535	43	8553	1.672	ug/l #	27
75) 1,1,2,2-Tetrachloroethane	12.906	83	2549	0.454	ug/l #	22
76) 1,2,3-Trichloropropane	12.829	75	148810	27.866	ug/l #	1
78) n-propylbenzene	13.018	91	86417	3.931	ug/l	100
79) 2-Chlorotoluene	13.076	91	25598	2.042	ug/l #	43
80) 1,3,5-Trimethylbenzene	13.153	105	147091	9.831	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.829	75	148810	77.733	ug/l #	1
82) 4-Chlorotoluene	13.153	91	16889	1.245	ug/l #	53
83) tert-Butylbenzene	13.459	119	71448	5.346	ug/l #	58
84) 1,2,4-Trimethylbenzene	13.459	105	609970	40.748	ug/l	98
85) sec-Butylbenzene	13.594	105	29272	1.491	ug/l #	78
86) p-Isopropyltoluene	13.706	119	19184	1.218	ug/l	94
89) n-Butylbenzene	14.035	91	56150	3.599	ug/l #	82

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

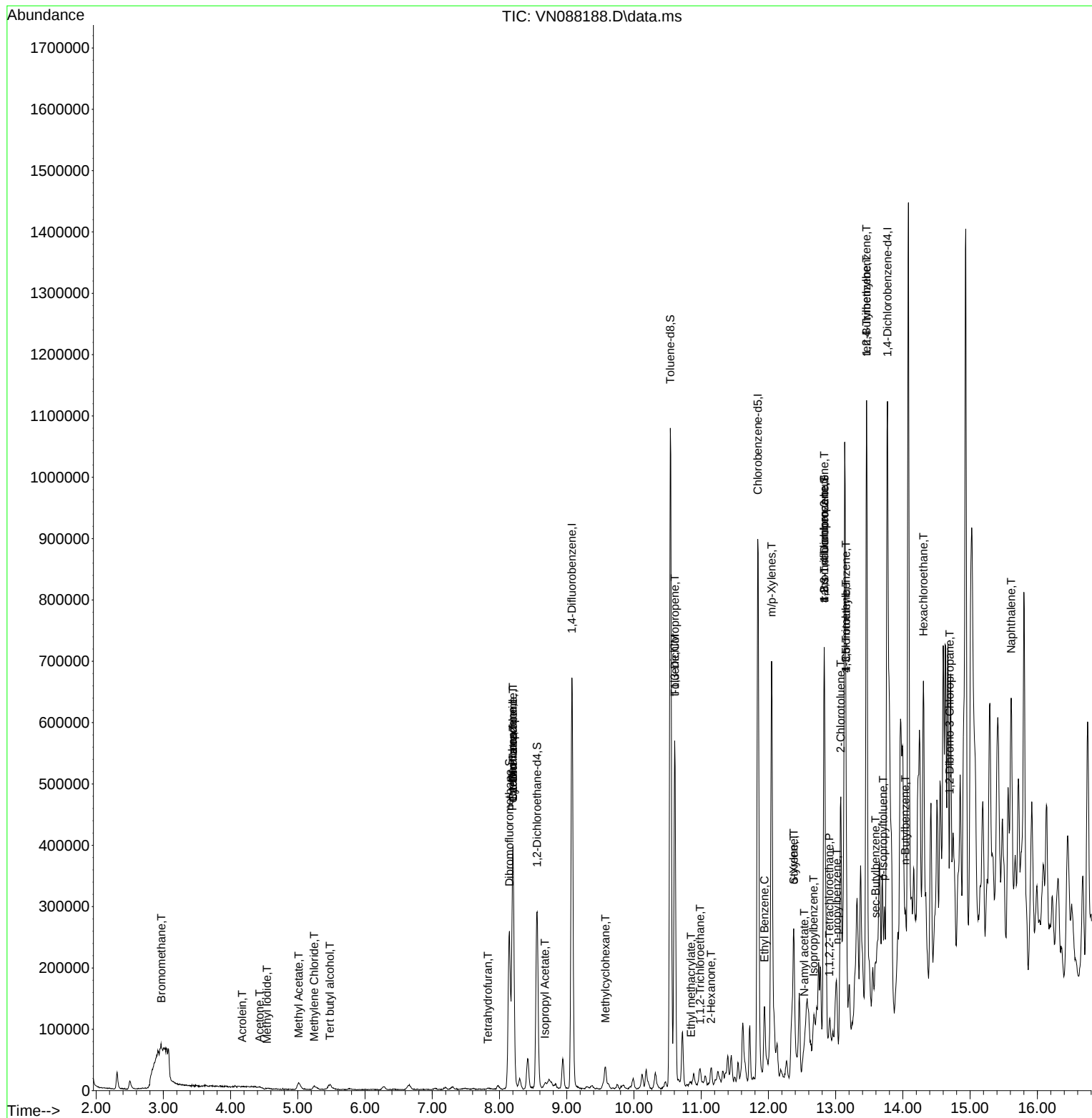
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.306	117	22501	7.376	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.694	75	664	0.509	ug/l #	8
95) Naphthalene	15.612	128	346812	22.362	ug/l	97

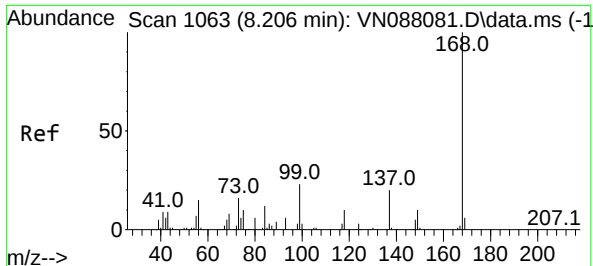
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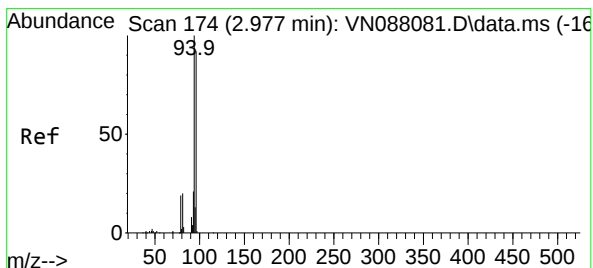
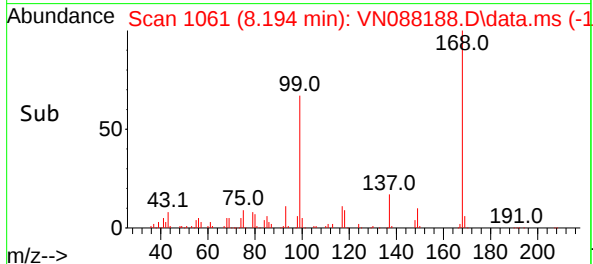
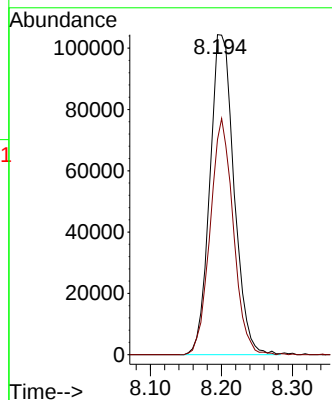
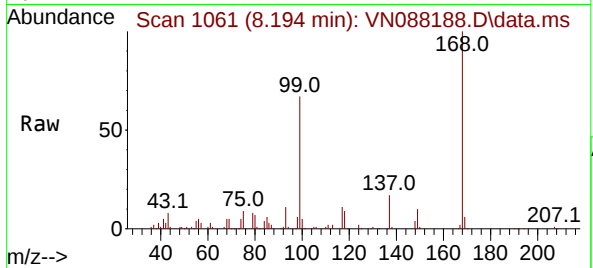




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.012 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

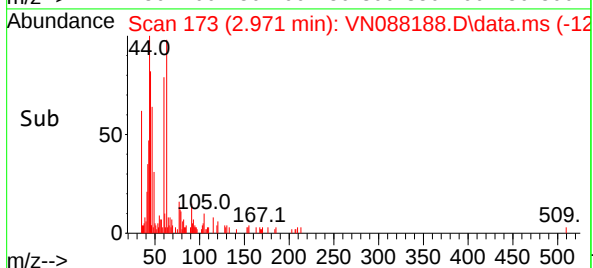
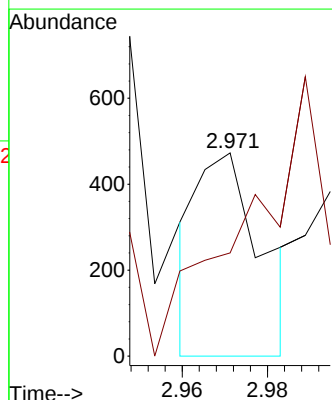
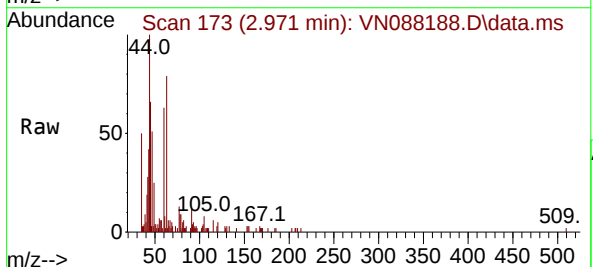
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

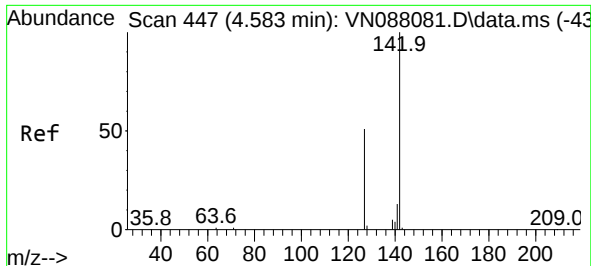
Tgt Ion:168 Resp: 246991
Ion Ratio Lower Upper
168 100
99 67.2 57.2 85.8



#5
Bromomethane
Concen: 0.229 ug/l
RT: 2.971 min Scan# 173
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 94 Resp: 490
Ion Ratio Lower Upper
94 100
96 19.1 75.4 113.2#

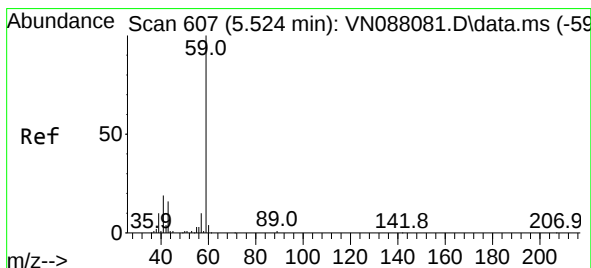
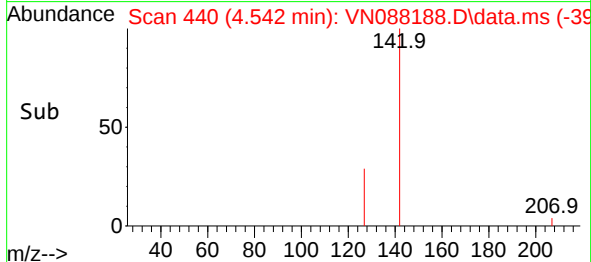
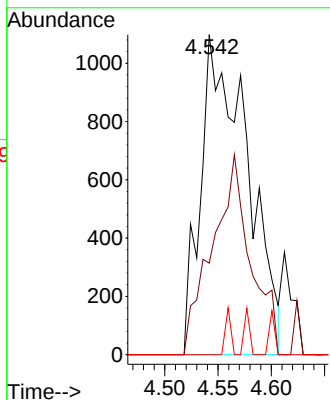
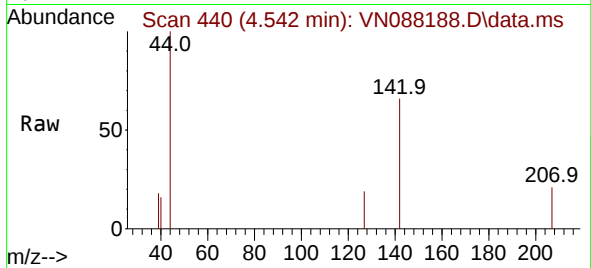




#10
Methyl Iodide
Concen: 5.267 ug/l
RT: 4.542 min Scan# 447
Delta R.T. -0.035 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

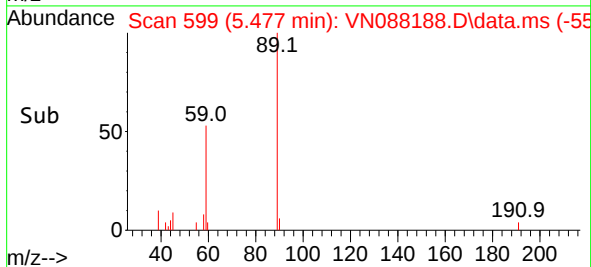
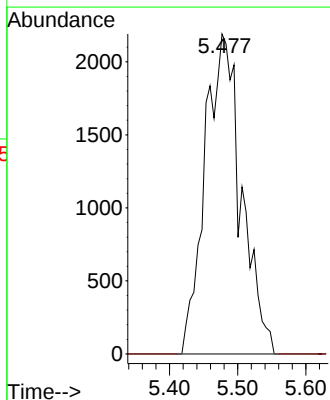
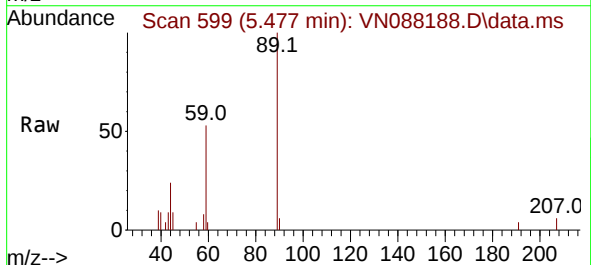
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

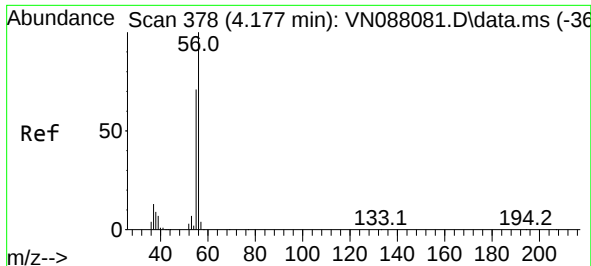
Tgt Ion:142 Resp: 3344
Ion Ratio Lower Upper
142 100
127 28.6 38.0 57.0#
141 0.0 12.0 18.0#



#11
Tert butyl alcohol
Concen: 11.026 ug/l
RT: 5.477 min Scan# 599
Delta R.T. -0.041 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 59 Resp: 8113
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#

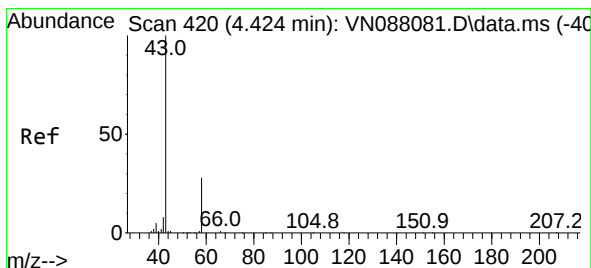
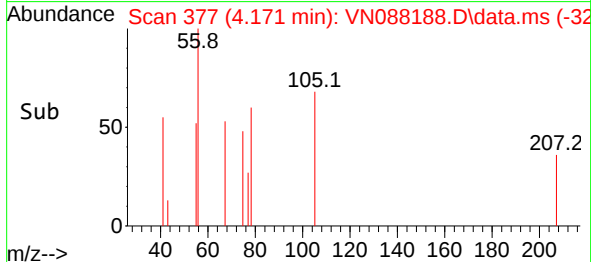
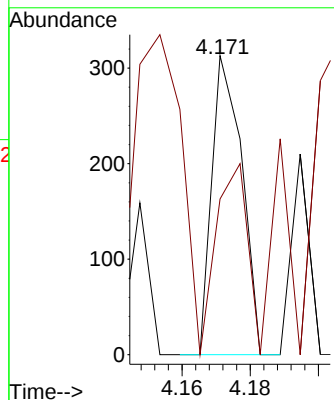
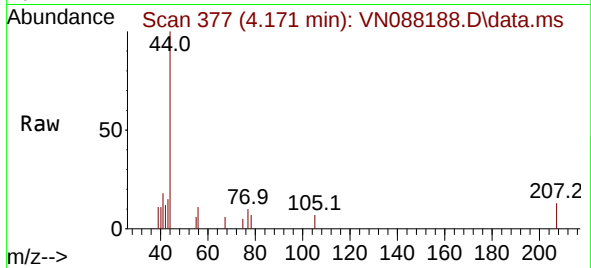




#13
Acrolein
Concen: 0.230 ug/l
RT: 4.171 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

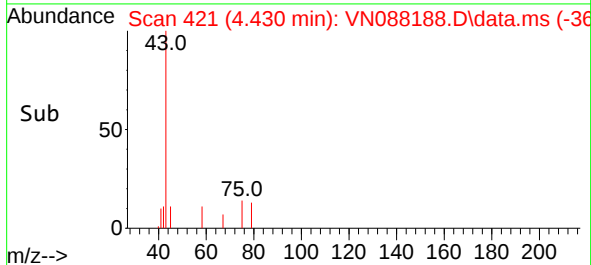
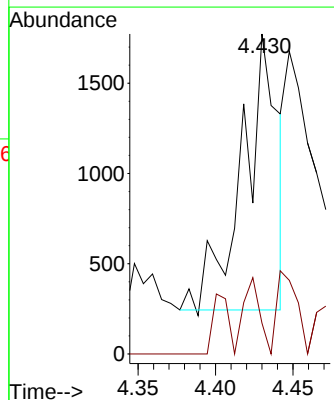
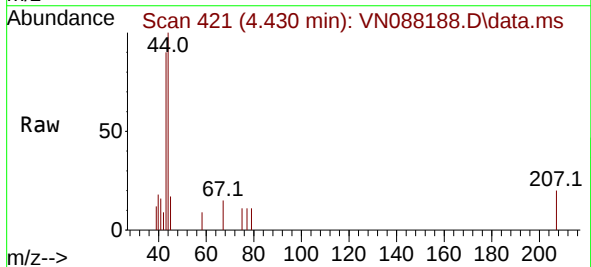
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

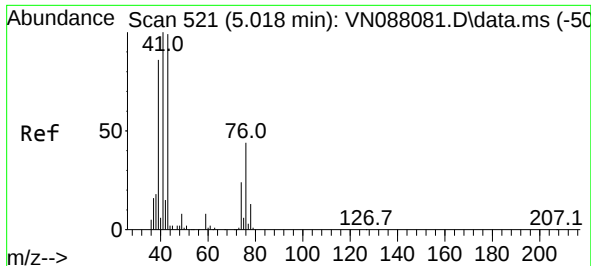
Tgt Ion: 56 Resp: 190
Ion Ratio Lower Upper
56 100
55 67.4 57.3 85.9



#16
Acetone
Concen: 1.131 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 43 Resp: 2426
Ion Ratio Lower Upper
43 100
58 11.2 22.6 33.8#

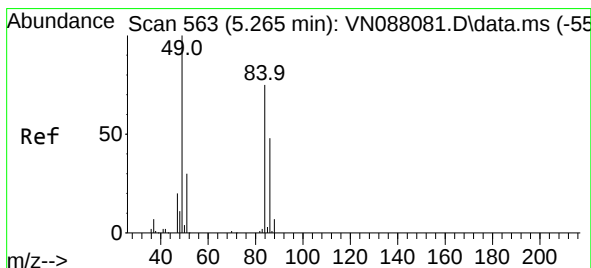
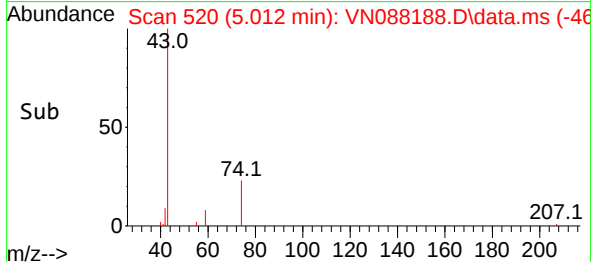
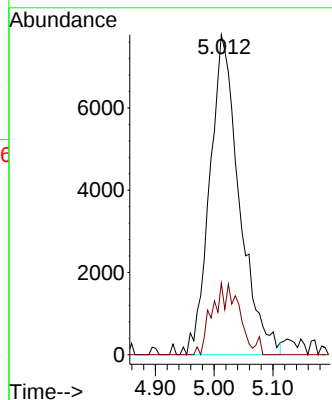
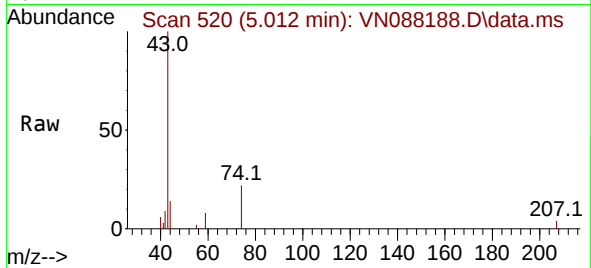




#18
Methyl Acetate
Concen: 6.187 ug/l
RT: 5.012 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

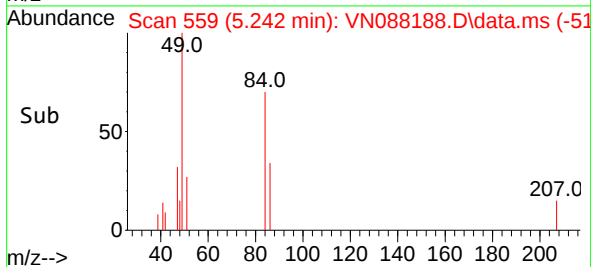
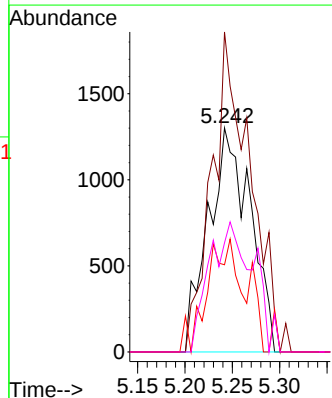
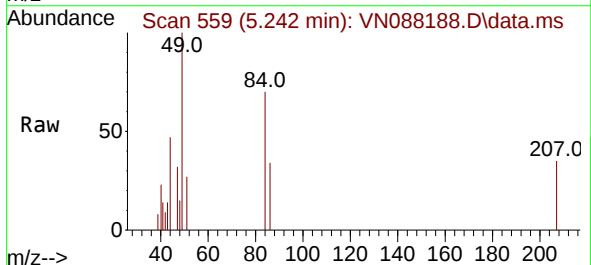
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

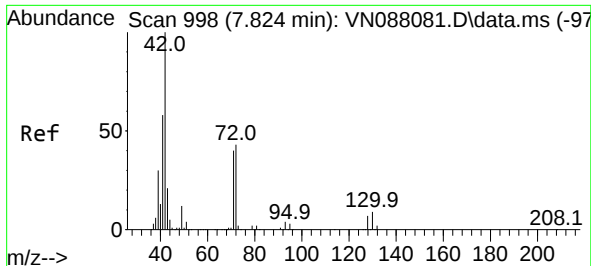
Tgt Ion: 43 Resp: 27180
Ion Ratio Lower Upper
43 100
74 10.1 17.6 26.4#



#20
Methylene Chloride
Concen: 1.957 ug/l
RT: 5.242 min Scan# 559
Delta R.T. -0.023 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 84 Resp: 4015
Ion Ratio Lower Upper
84 100
49 142.9 103.4 155.2
51 38.9 33.8 50.8
86 48.7 49.6 74.4#





#29

Tetrahydrofuran

Concen: 0.257 ug/l

RT: 7.830 min Scan# 998

Delta R.T. 0.006 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

LAW-25-0151

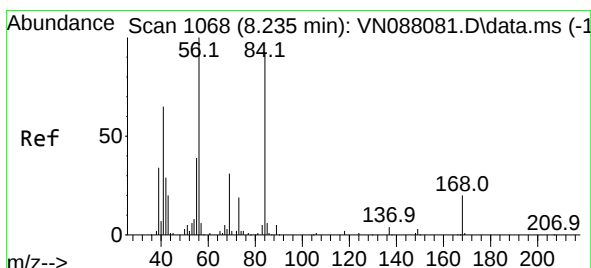
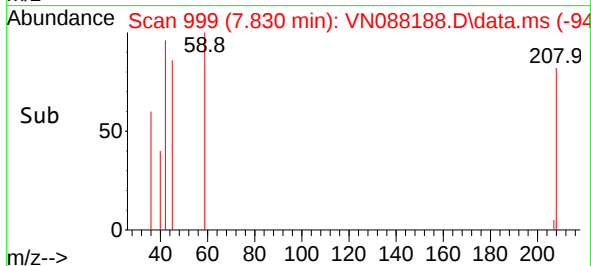
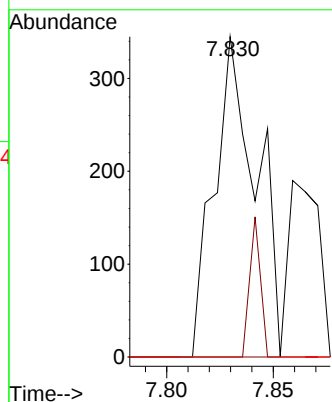
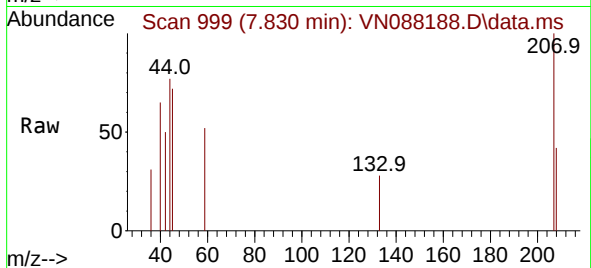
Tgt Ion: 42 Resp: 474

Ion Ratio Lower Upper

42 100

72 11.2 33.7 50.5#

71 0.0 31.9 47.9#



#31

Cyclohexane

Concen: 2.838 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.035 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

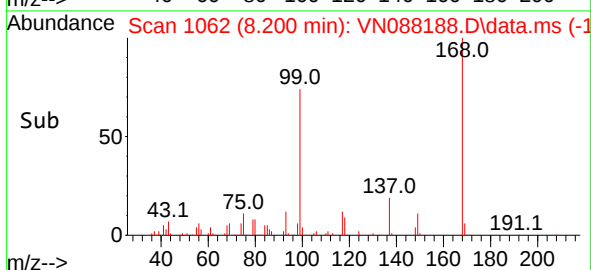
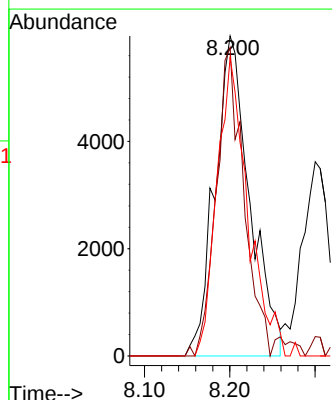
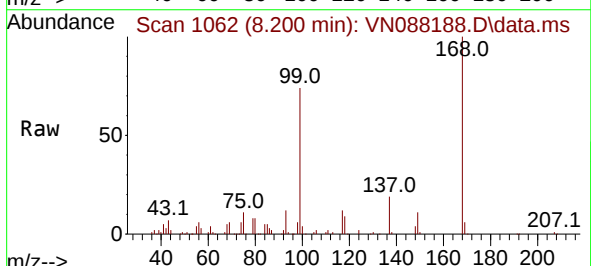
Tgt Ion: 56 Resp: 16964

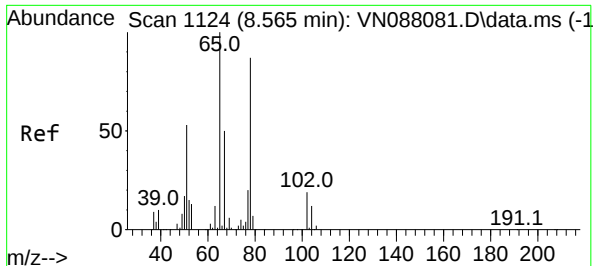
Ion Ratio Lower Upper

56 100

69 96.3 23.7 35.5#

84 93.3 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 59.496 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. 0.000 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

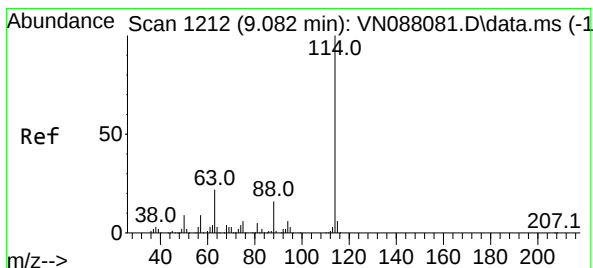
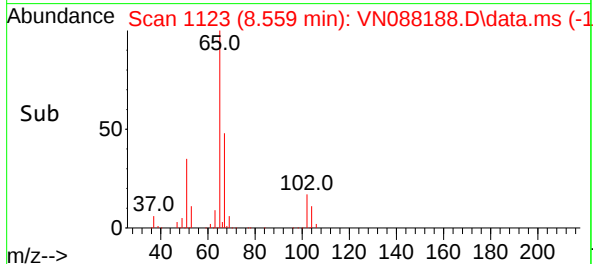
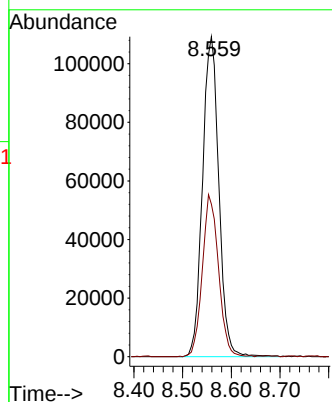
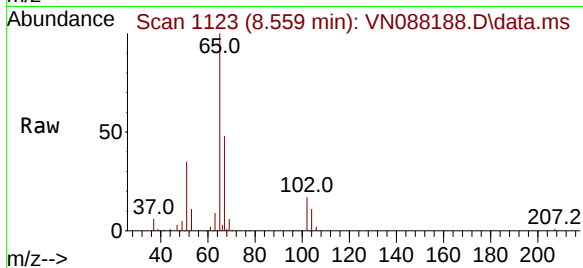
LAW-25-0151

Tgt Ion: 65 Resp: 254105

Ion Ratio Lower Upper

65 100

67 50.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

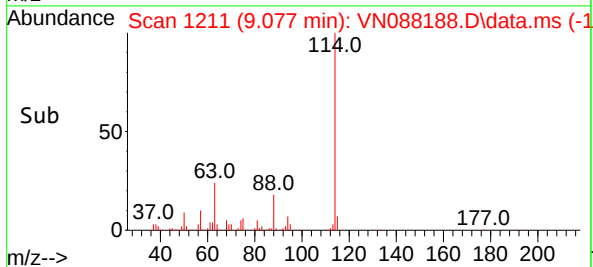
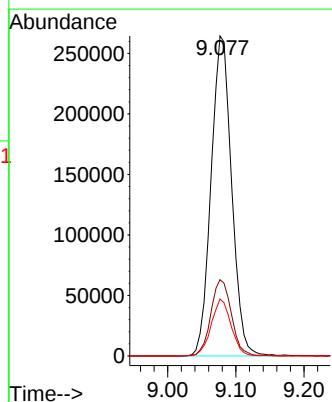
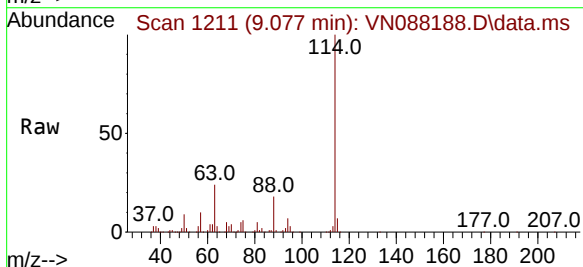
Tgt Ion: 114 Resp: 555346

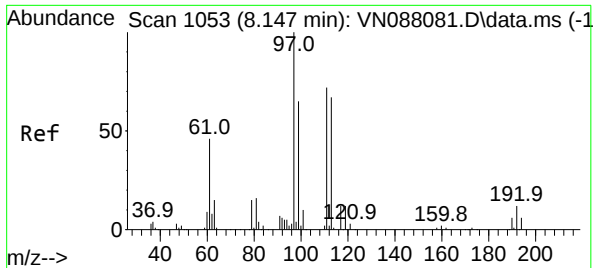
Ion Ratio Lower Upper

114 100

63 23.9 0.0 45.2

88 17.8 0.0 33.4

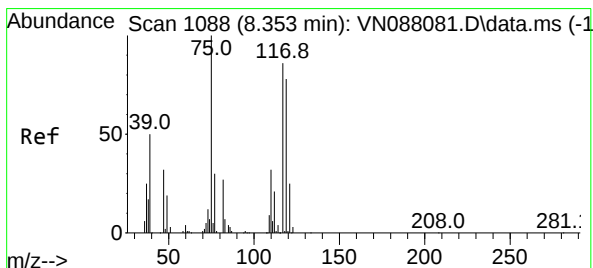
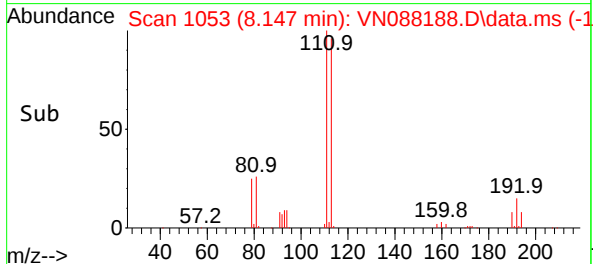
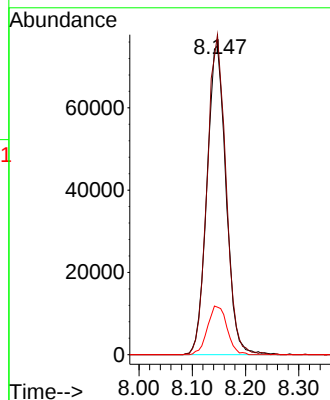
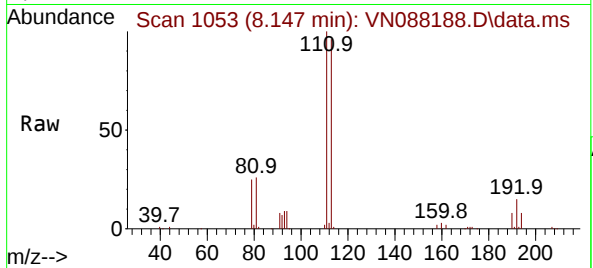




#35
 Dibromofluoromethane
 Concen: 50.298 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: VN088188.D
 Acq: 31 Oct 2025 15:03

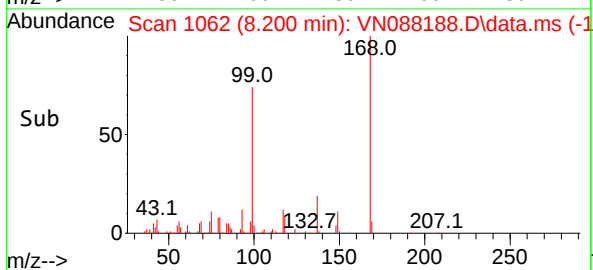
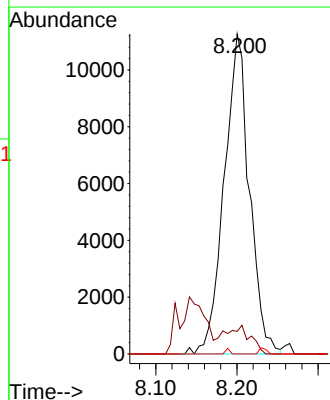
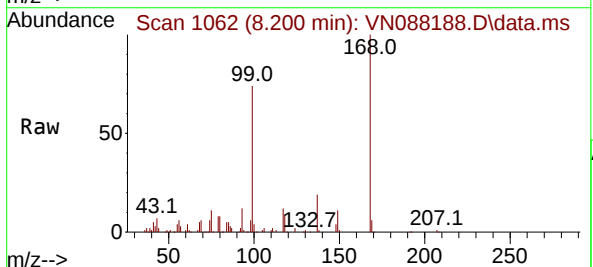
Instrument :
 MSVOA_N
 ClientSampleId :
 LAW-25-0151

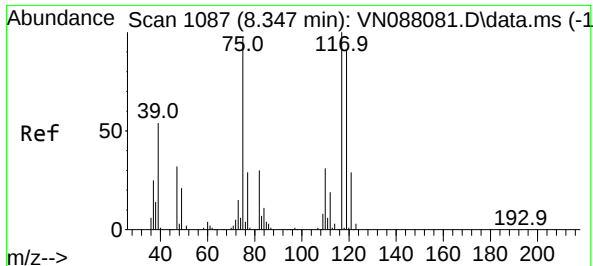
Tgt Ion:113 Resp: 187653
 Ion Ratio Lower Upper
 113 100
 111 101.9 82.8 124.2
 192 16.0 12.8 19.2



#36
 1,1-Dichloropropene
 Concen: 4.464 ug/l
 RT: 8.200 min Scan# 1062
 Delta R.T. -0.153 min
 Lab File: VN088188.D
 Acq: 31 Oct 2025 15:03

Tgt Ion: 75 Resp: 24317
 Ion Ratio Lower Upper
 75 100
 110 8.6 15.9 47.6#
 77 0.3 24.4 36.6#

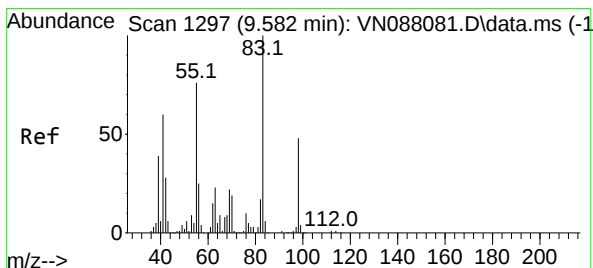
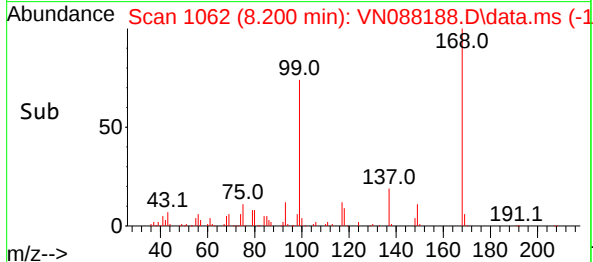
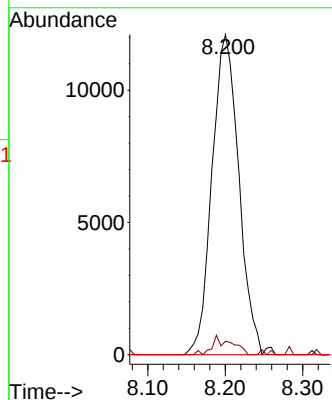
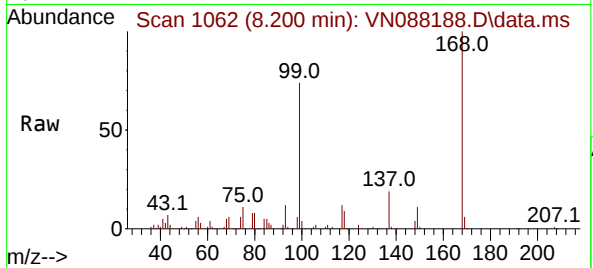




#38
Carbon Tetrachloride
Concen: 5.181 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

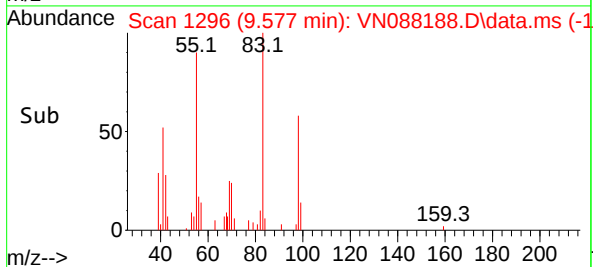
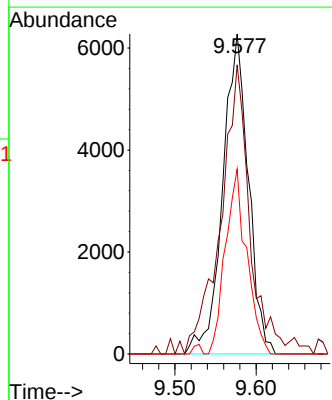
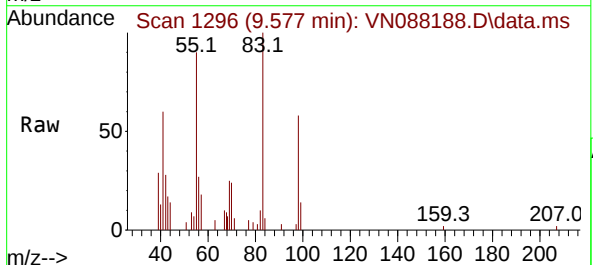
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

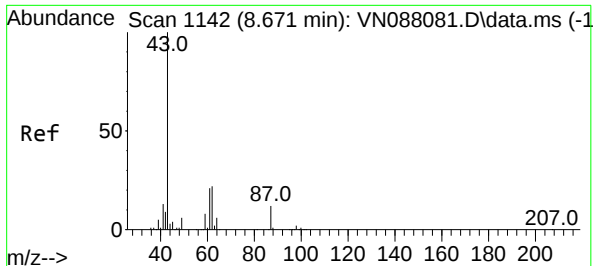
Tgt Ion:117 Resp: 29151
Ion Ratio Lower Upper
117 100
119 4.2 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 1.971 ug/l
RT: 9.577 min Scan# 1296
Delta R.T. -0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 83 Resp: 13798
Ion Ratio Lower Upper
83 100
55 86.3 64.6 96.8
98 57.8 38.4 57.6#

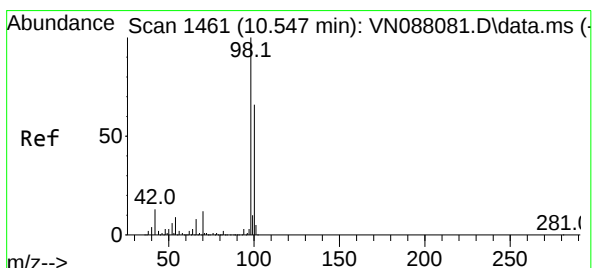
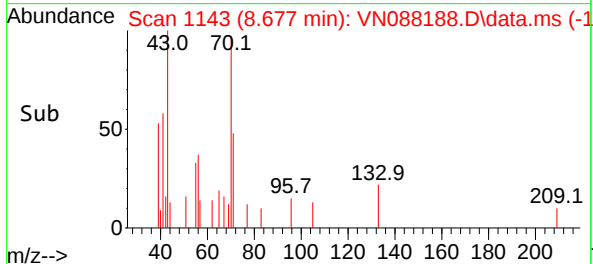
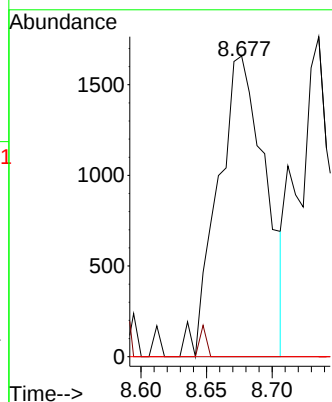
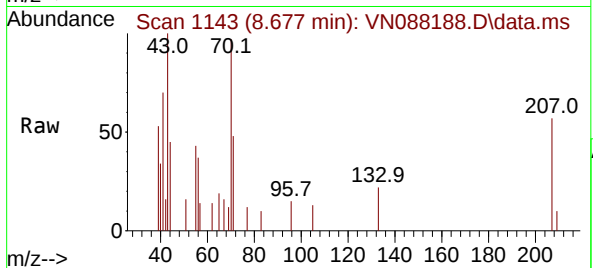




#43
Isopropyl Acetate
Concen: 0.387 ug/l
RT: 8.677 min Scan# 1143
Delta R.T. 0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

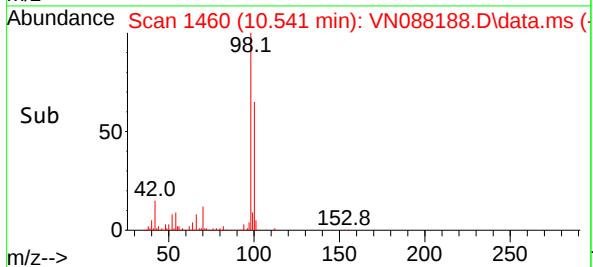
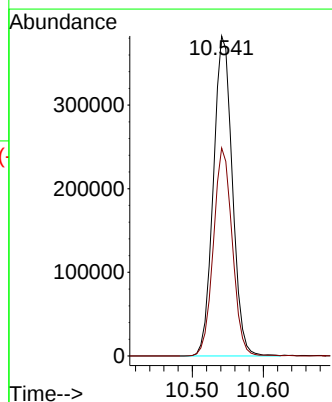
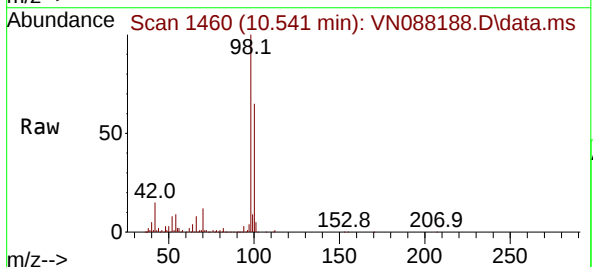
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

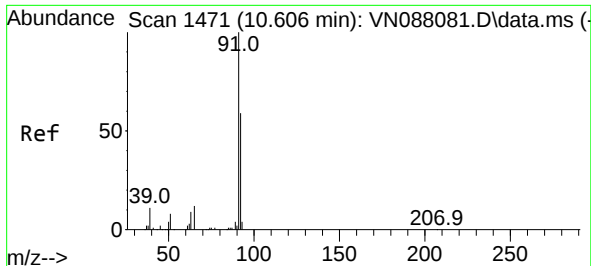
Tgt Ion: 43 Resp: 4183
Ion Ratio Lower Upper
43 100
61 0.0 18.8 28.2#
87 0.0 9.6 14.4#



#50
Toluene-d8
Concen: 49.309 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. -0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 98 Resp: 708845
Ion Ratio Lower Upper
98 100
100 64.6 52.8 79.2

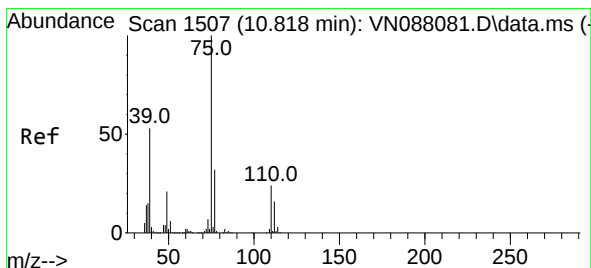
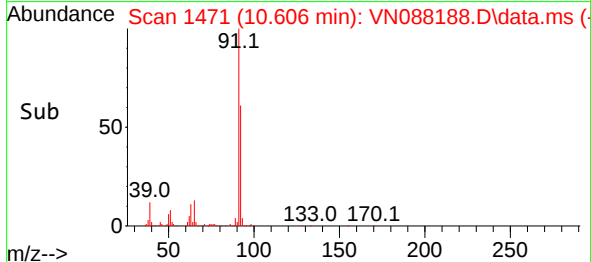
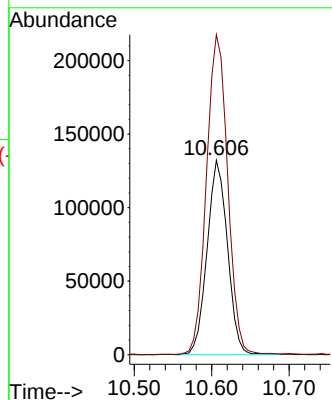
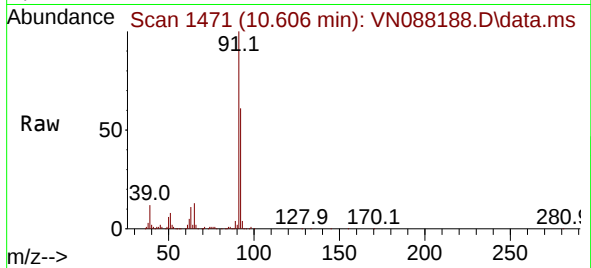




#52
Toluene
Concen: 23.601 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

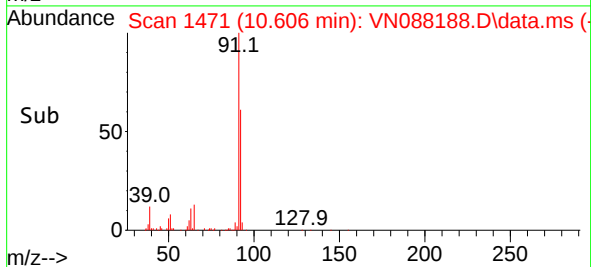
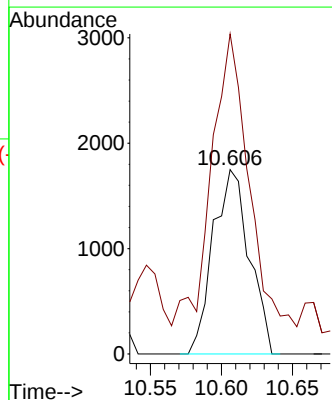
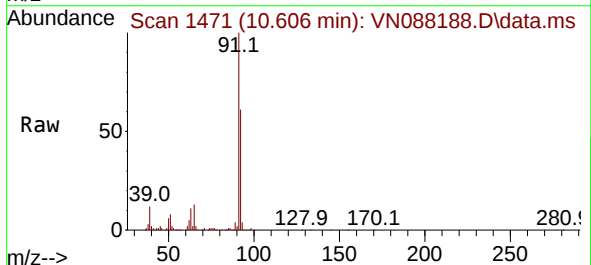
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

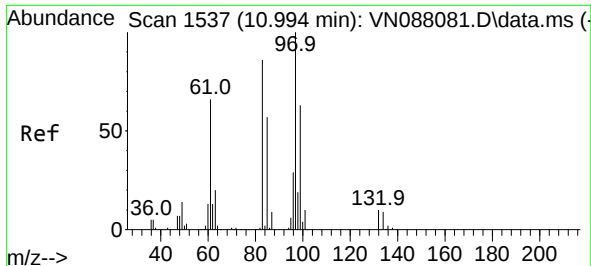
Tgt Ion: 92 Resp: 241400
Ion Ratio Lower Upper
92 100
91 171.2 140.4 210.6



#53
t-1,3-Dichloropropene
Concen: 0.488 ug/l
RT: 10.606 min Scan# 1471
Delta R.T. -0.212 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 75 Resp: 3104
Ion Ratio Lower Upper
75 100
77 153.1 25.2 37.8#

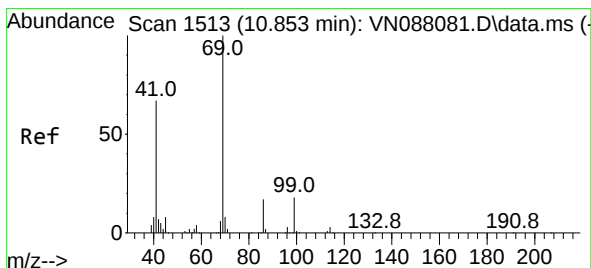
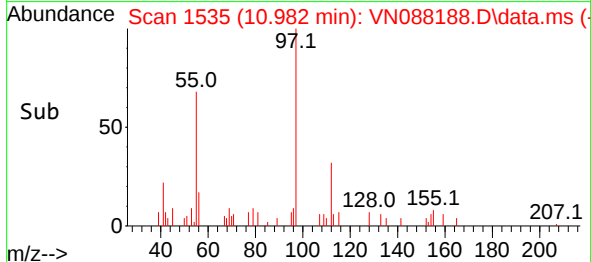
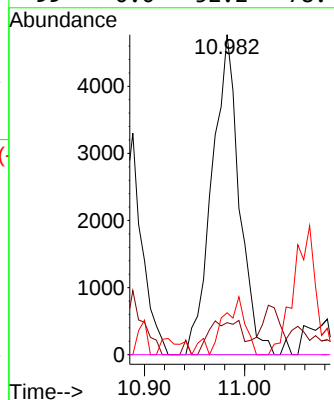
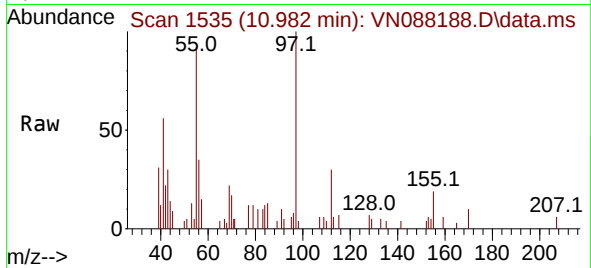




#55
1,1,2-Trichloroethane
Concen: 2.329 ug/l
RT: 10.982 min Scan# 1512
Delta R.T. -0.012 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

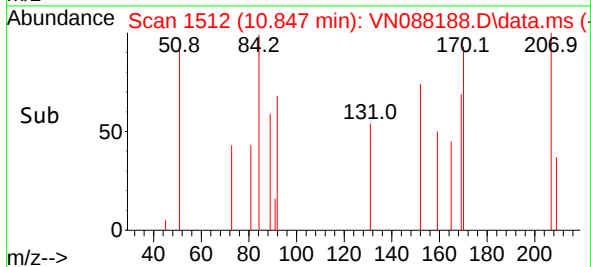
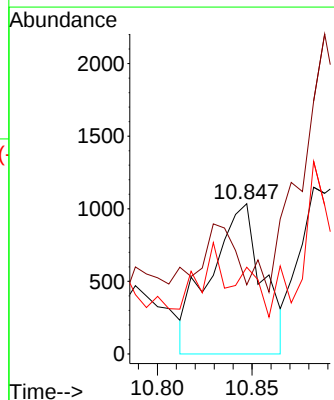
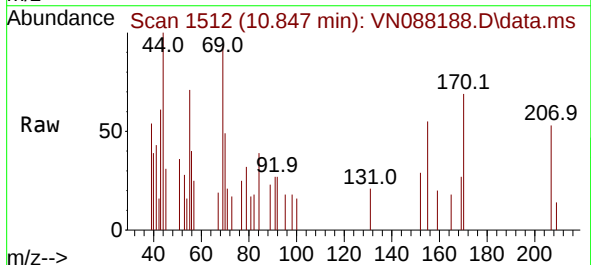
Instrument : MSVOA_N
ClientSampleId : LAW-25-0151

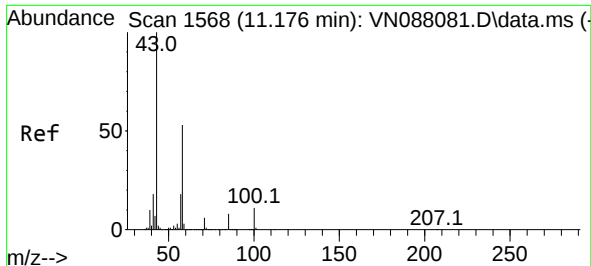
Tgt Ion:	97	Resp:	9038
Ion	Ratio	Lower	Upper
97	100		
83	10.0	68.2	102.4#
85	9.9	45.5	68.3#
99	0.0	52.2	78.4#



#56
Ethyl methacrylate
Concen: 0.322 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion:	69	Resp:	1980
Ion	Ratio	Lower	Upper
69	100		
41	0.0	56.5	84.7#
39	0.0	34.2	51.4#

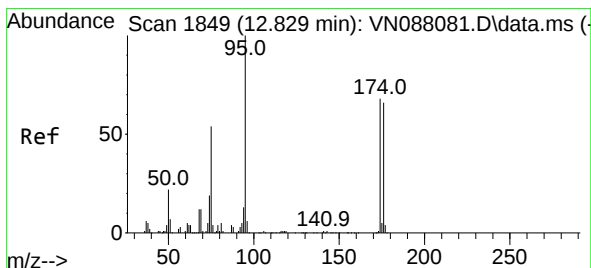
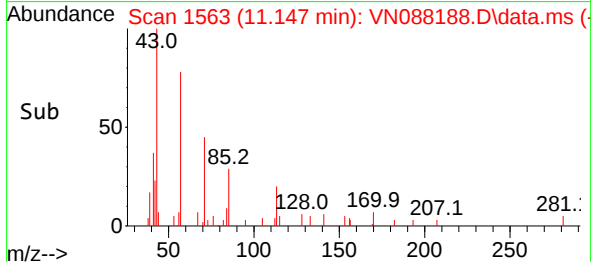
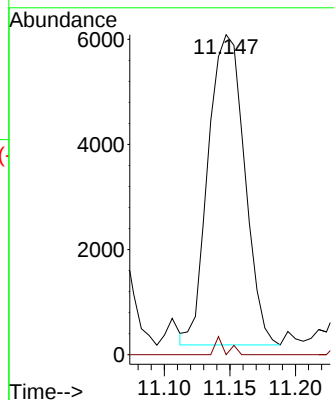
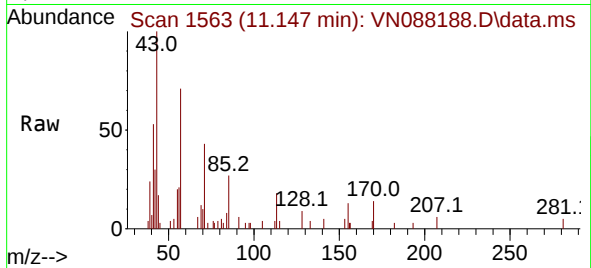




#59
2-Hexanone
Concen: 2.687 ug/l
RT: 11.147 min Scan# 111
Delta R.T. -0.029 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

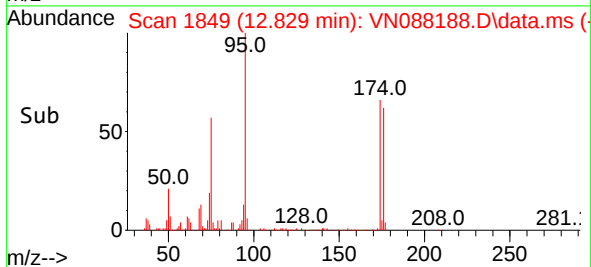
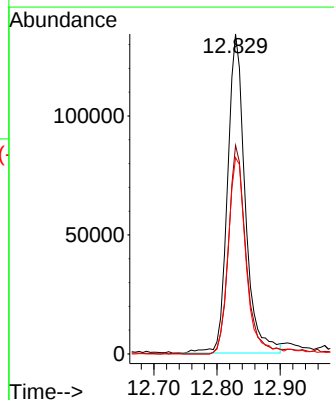
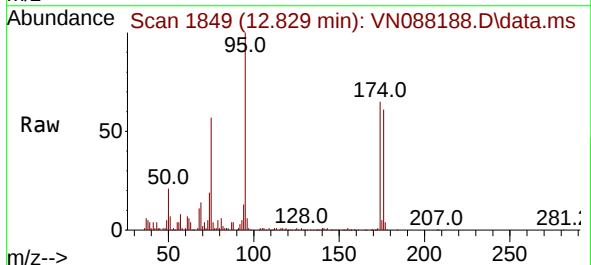
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

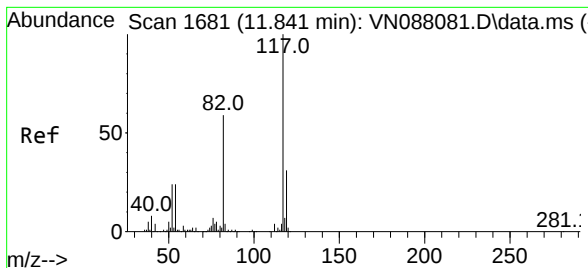
Tgt Ion: 43 Resp: 11393
Ion Ratio Lower Upper
43 100
58 1.6 25.9 77.8#



#62
4-Bromofluorobenzene
Concen: 51.267 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 95 Resp: 260276
Ion Ratio Lower Upper
95 100
174 65.7 0.0 138.4
176 62.2 0.0 132.6

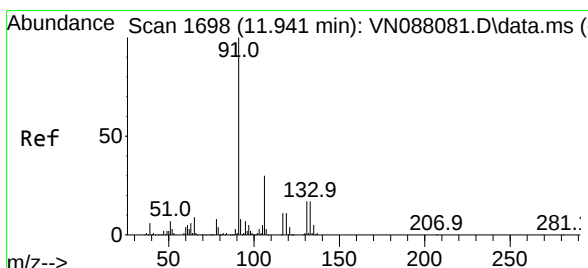
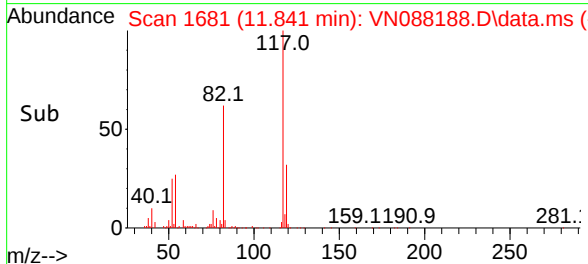
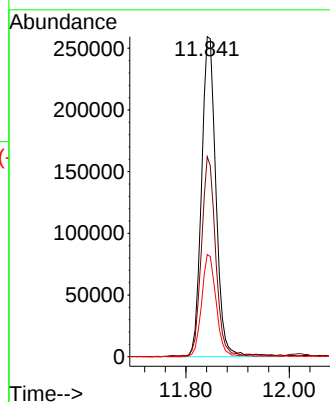
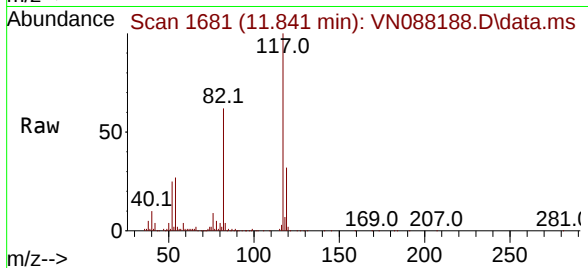




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

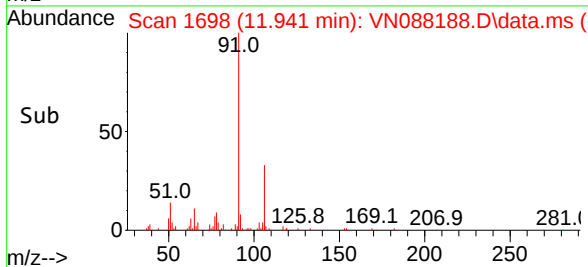
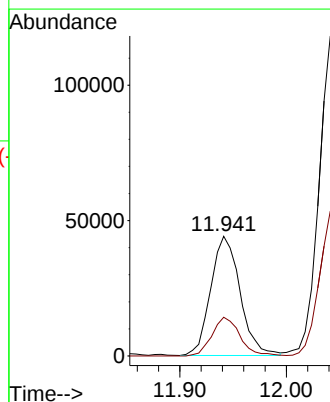
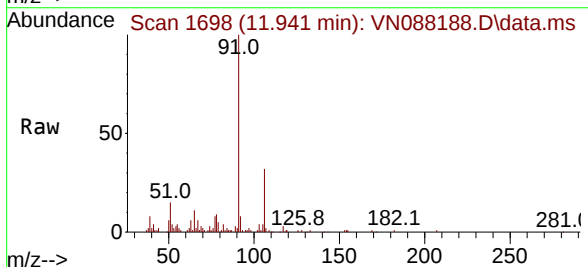
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

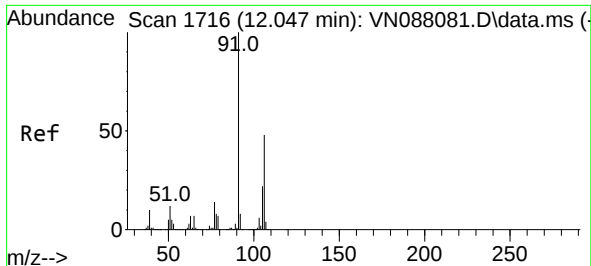
Tgt Ion:117 Resp: 502679
Ion Ratio Lower Upper
117 100
82 62.2 47.4 71.2
119 31.9 24.3 36.5



#67
Ethyl Benzene
Concen: 4.206 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 91 Resp: 84271
Ion Ratio Lower Upper
91 100
106 32.6 24.1 36.1

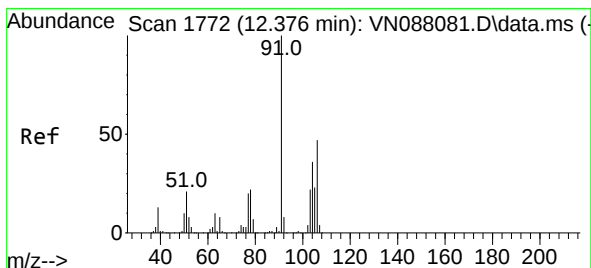
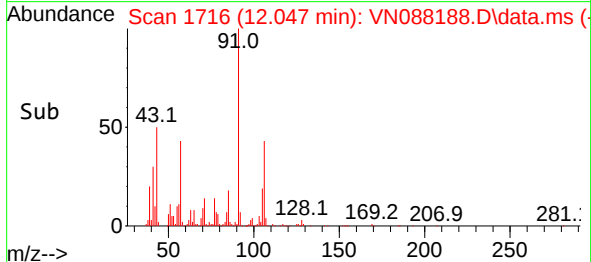
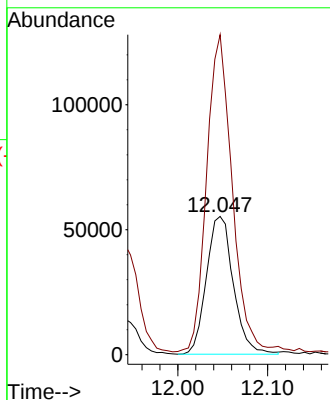
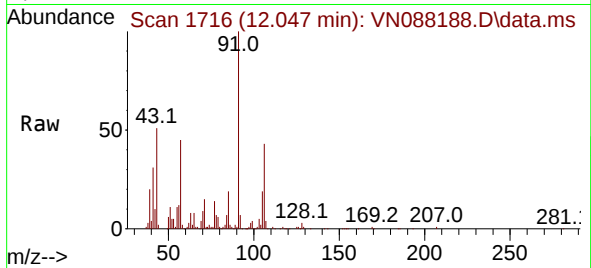




#68
m/p-Xylenes
Concen: 15.322 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

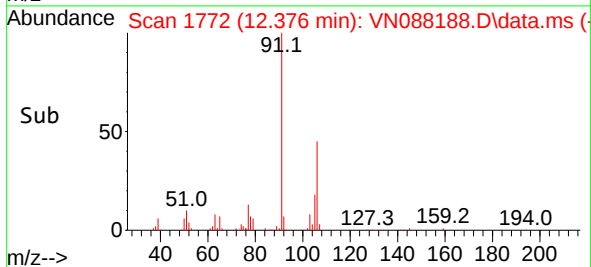
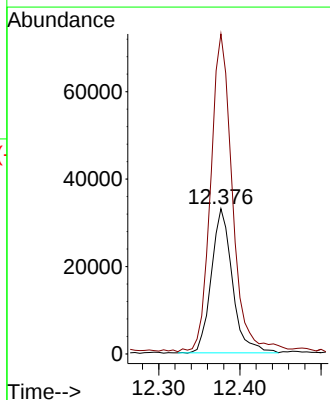
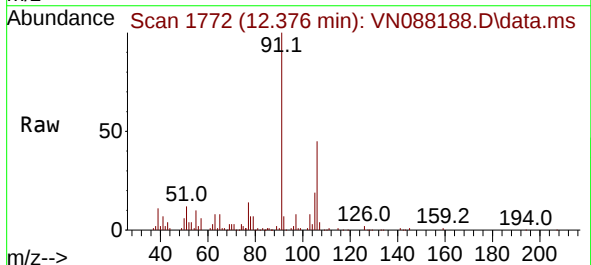
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

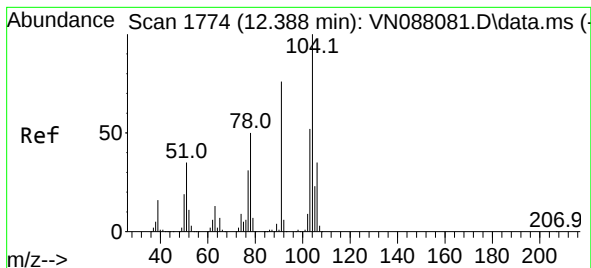
Tgt Ion:106 Resp: 115024
Ion Ratio Lower Upper
106 100
91 220.6 169.3 253.9



#69
o-Xylene
Concen: 8.358 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion:106 Resp: 59476
Ion Ratio Lower Upper
106 100
91 227.3 111.4 334.2





#70

Styrene

Concen: 0.402 ug/l

RT: 12.376 min Scan# 1

Delta R.T. -0.012 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

LAW-25-0151

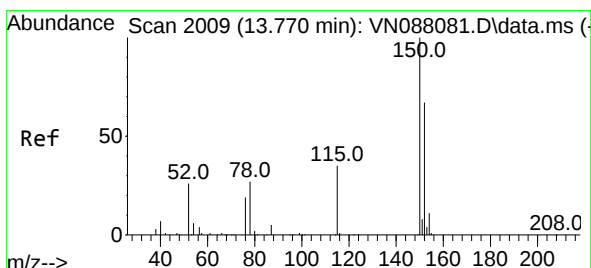
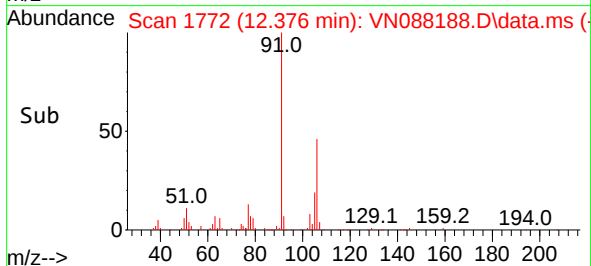
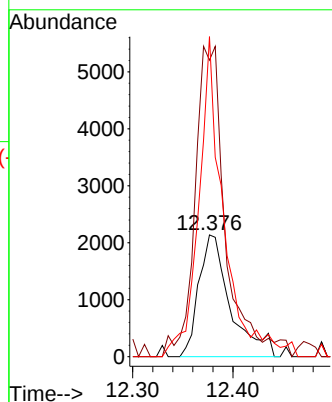
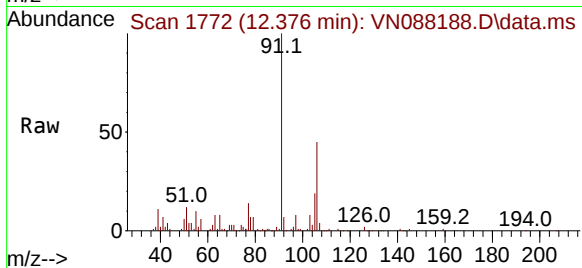
Tgt Ion:104 Resp: 4670

Ion Ratio Lower Upper

104 100

78 247.8 42.2 63.2#

103 208.7 43.4 65.2#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.771 min Scan# 2009

Delta R.T. 0.006 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

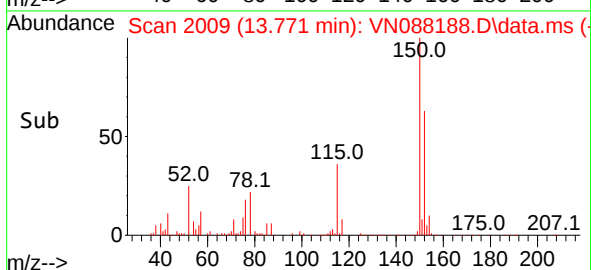
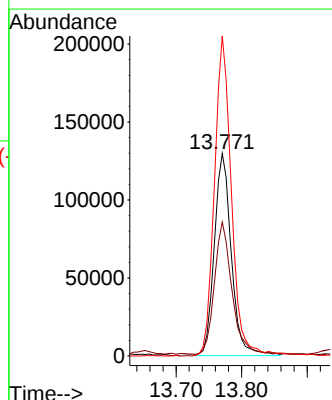
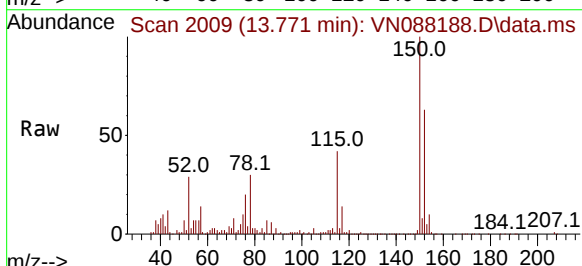
Tgt Ion:152 Resp: 233574

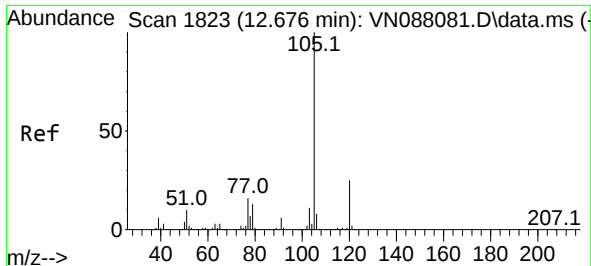
Ion Ratio Lower Upper

152 100

115 67.0 32.3 96.8

150 158.9 0.0 351.0

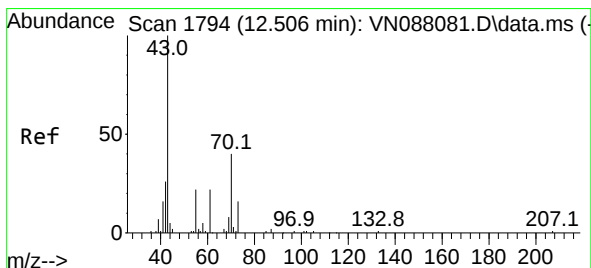
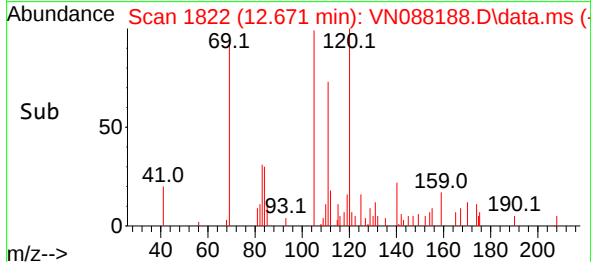
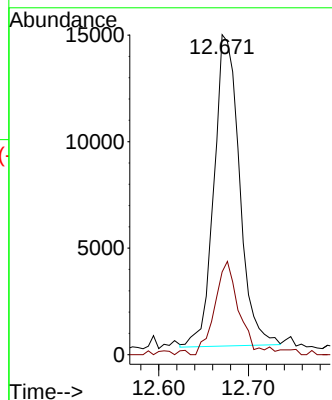
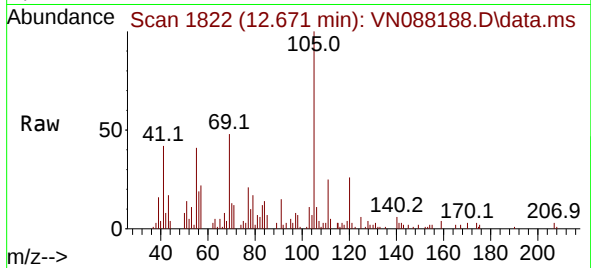




#73
Isopropylbenzene
Concen: 1.601 ug/l
RT: 12.671 min Scan# 1822
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

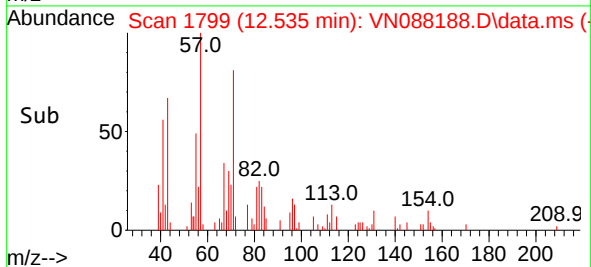
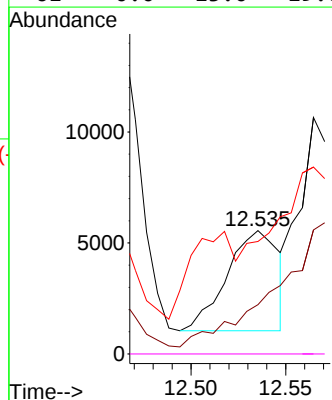
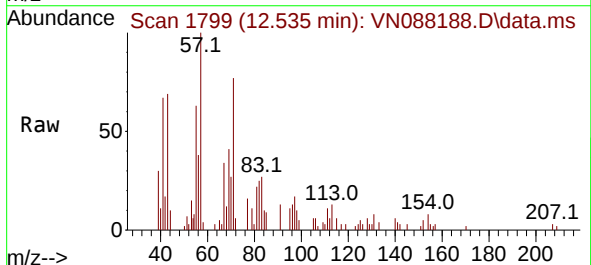
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

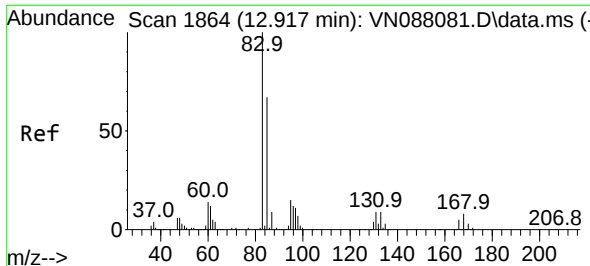
Tgt Ion:105 Resp: 28848
Ion Ratio Lower Upper
105 100
120 28.9 12.8 38.3



#74
N-ethyl acetate
Concen: 1.672 ug/l
RT: 12.535 min Scan# 1799
Delta R.T. 0.035 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 43 Resp: 8553
Ion Ratio Lower Upper
43 100
70 0.0 27.6 41.4#
55 73.8 13.0 19.6#
61 0.0 13.0 19.6#

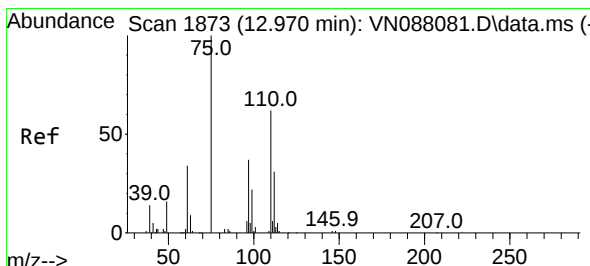
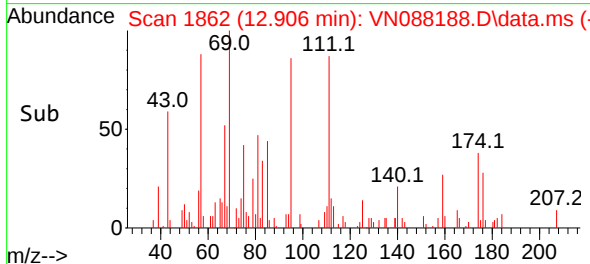
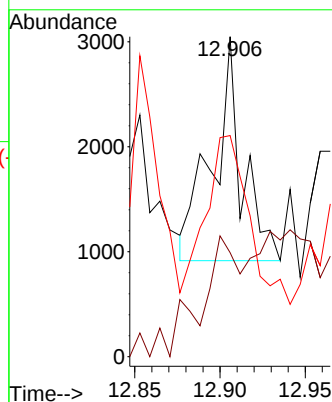
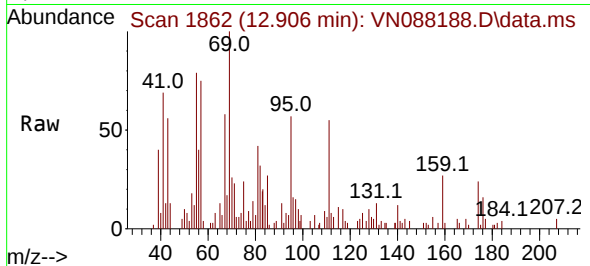




#75
1,1,2,2-Tetrachloroethane
Concen: 0.454 ug/l
RT: 12.906 min Scan# 1849
Delta R.T. -0.012 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

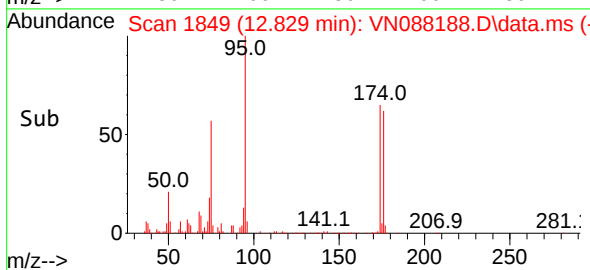
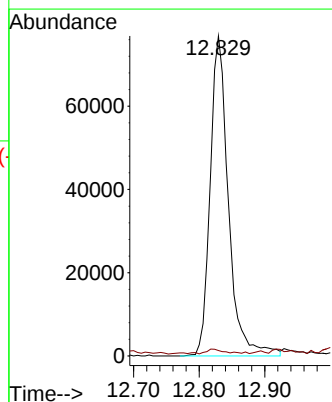
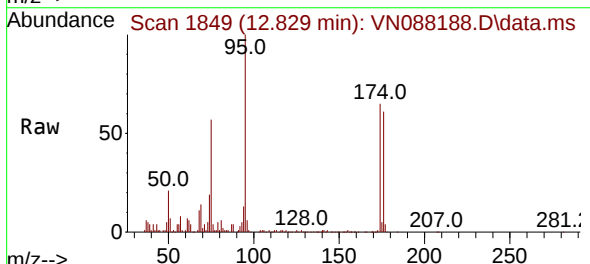
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

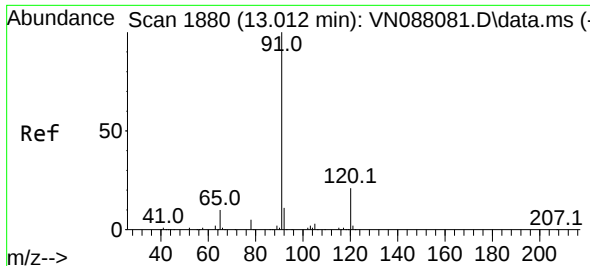
Tgt Ion: 83 Resp: 2549
Ion Ratio Lower Upper
83 100
131 70.9 4.8 14.4#
85 114.7 32.1 96.3#



#76
1,2,3-Trichloropropane
Concen: 27.866 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 75 Resp: 148810
Ion Ratio Lower Upper
75 100
77 1.4 89.1 267.4#

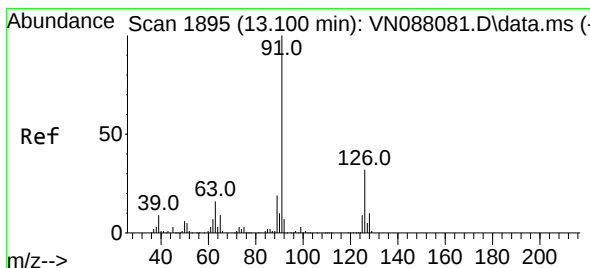
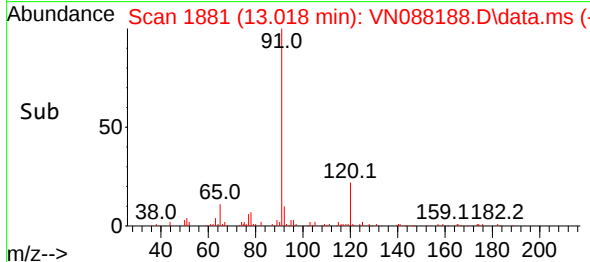
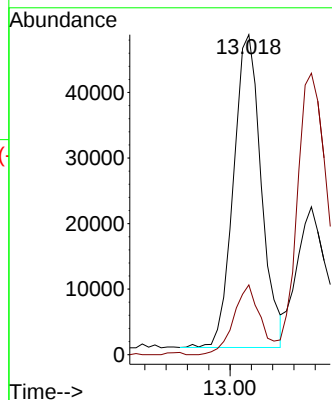
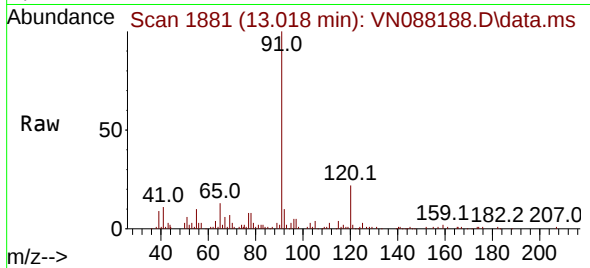




#78
n-propylbenzene
Concen: 3.931 ug/l
RT: 13.018 min Scan# 1880
Delta R.T. 0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

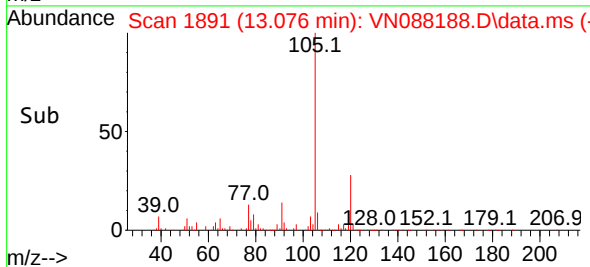
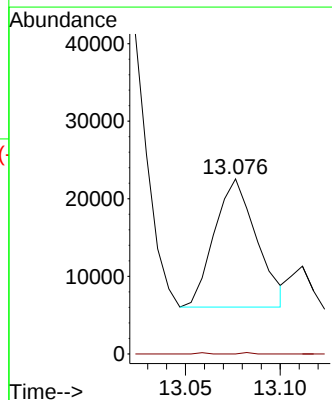
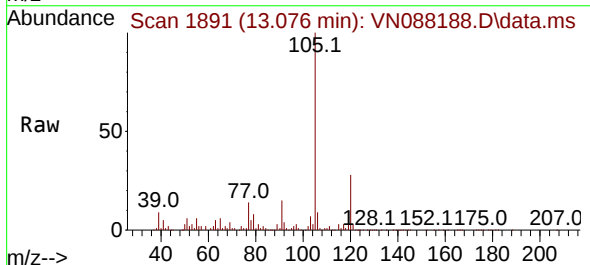
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

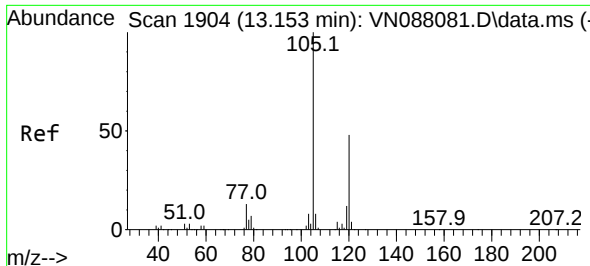
Tgt Ion: 91 Resp: 86417
Ion Ratio Lower Upper
91 100
120 21.3 10.7 32.1



#79
2-Chlorotoluene
Concen: 2.042 ug/l
RT: 13.076 min Scan# 1891
Delta R.T. -0.024 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 91 Resp: 25598
Ion Ratio Lower Upper
91 100
126 0.3 16.1 48.3#

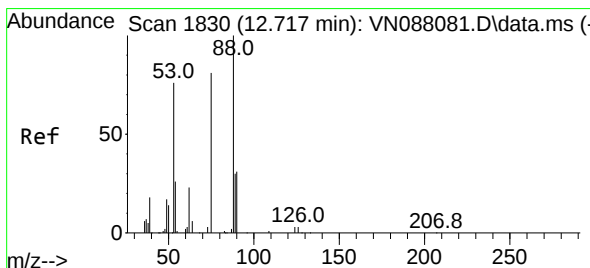
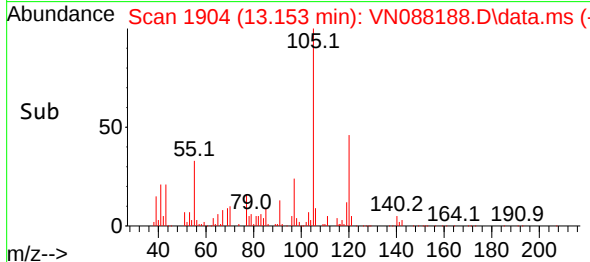
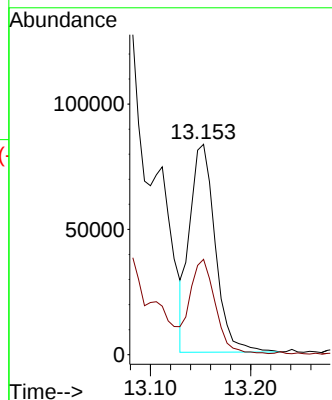
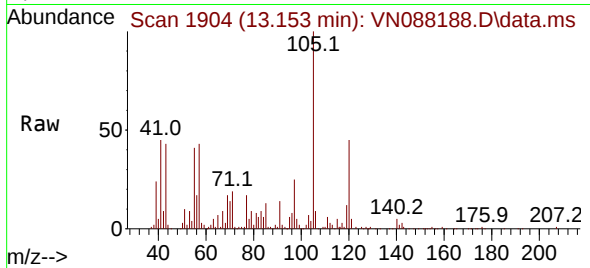




#80
1,3,5-Trimethylbenzene
Concen: 9.831 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

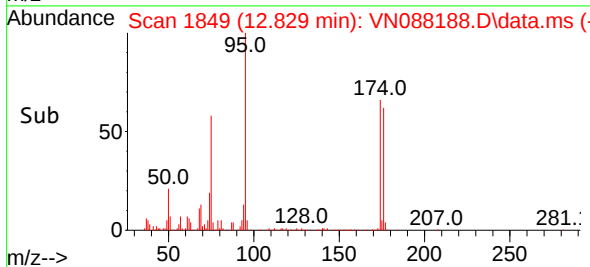
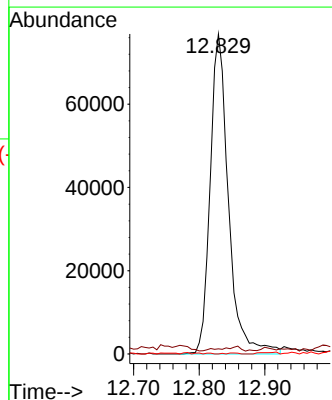
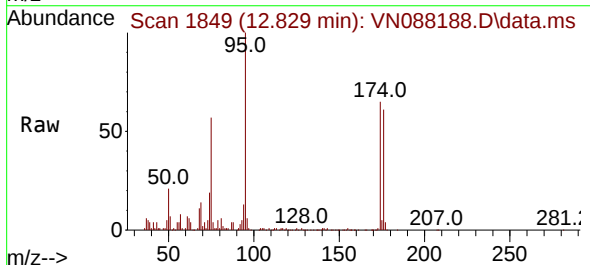
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

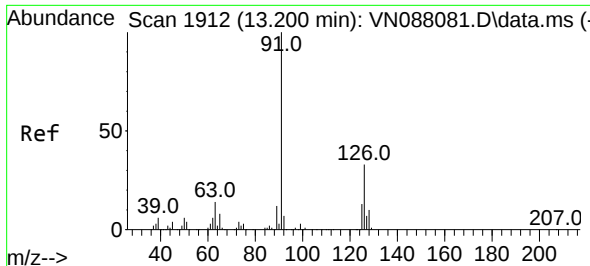
Tgt Ion:105 Resp: 147091
Ion Ratio Lower Upper
105 100
120 44.5 23.2 69.6



#81
trans-1,4-Dichloro-2-butene
Concen: 77.733 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 75 Resp: 148810
Ion Ratio Lower Upper
75 100
53 0.3 101.8 152.6#
89 0.1 35.6 53.4#

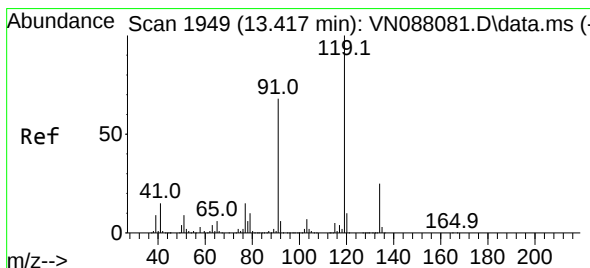
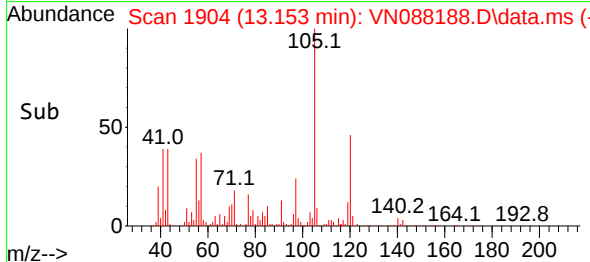
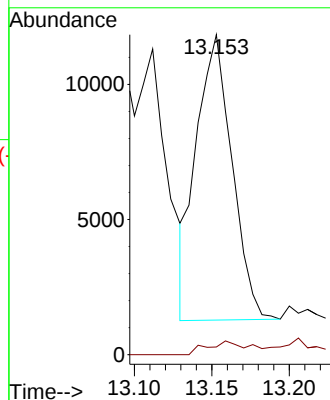
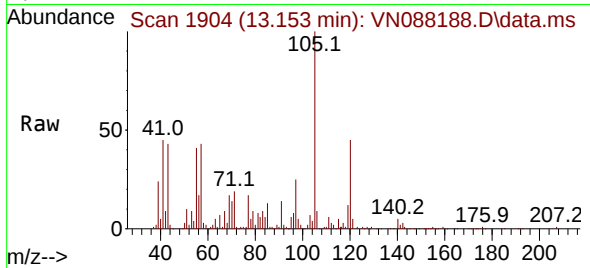




#82
4-Chlorotoluene
Concen: 1.245 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

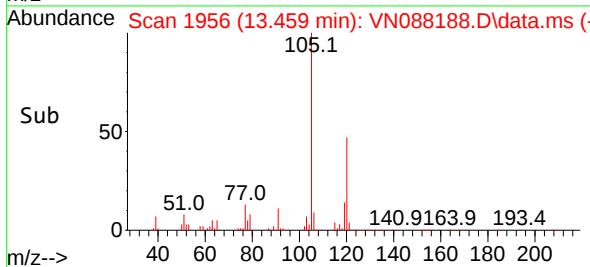
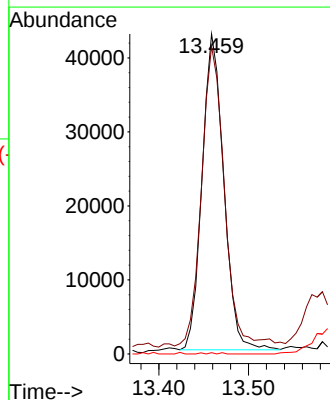
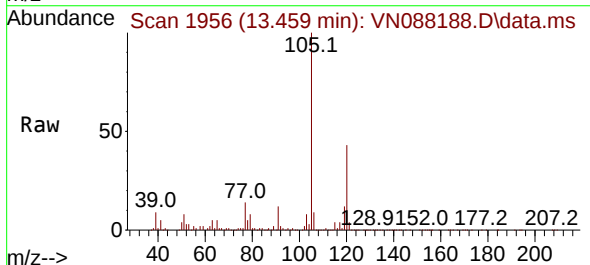
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

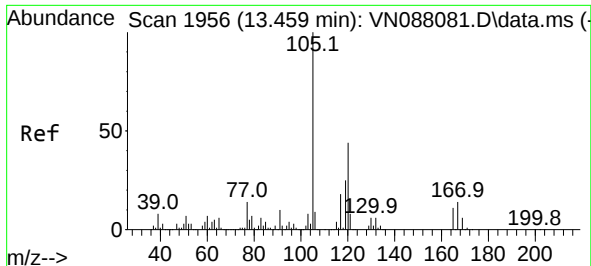
Tgt Ion: 91 Resp: 16889
Ion Ratio Lower Upper
91 100
126 5.5 15.6 46.8#



#83
tert-Butylbenzene
Concen: 5.346 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.041 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 119 Resp: 71448
Ion Ratio Lower Upper
119 100
91 102.1 35.0 105.0
134 0.0 12.6 37.8#

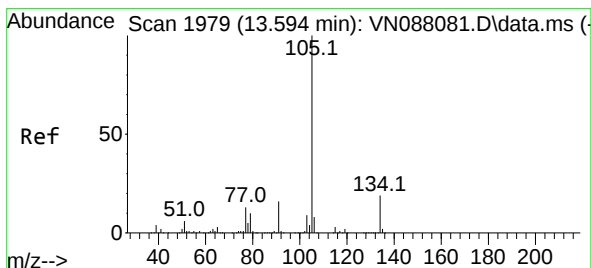
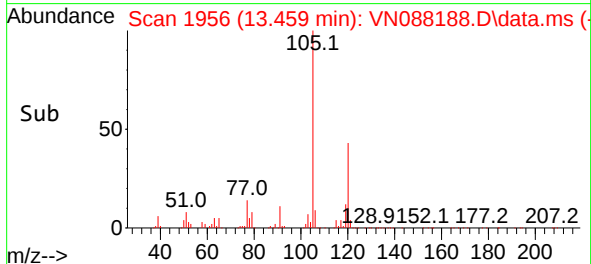
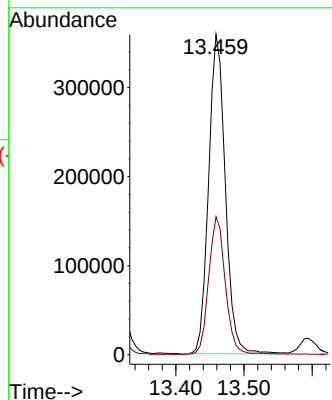
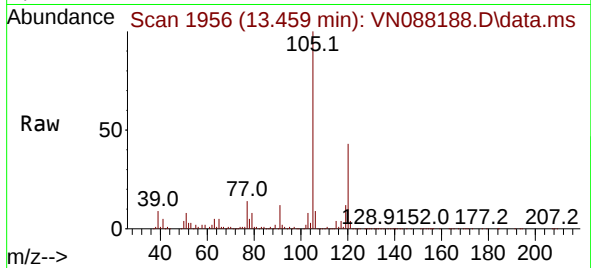




#84
1,2,4-Trimethylbenzene
Concen: 40.748 ug/l
RT: 13.459 min Scan# 1956
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

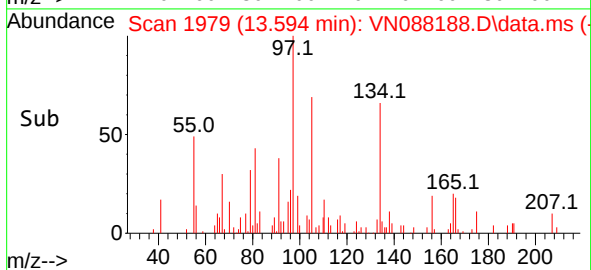
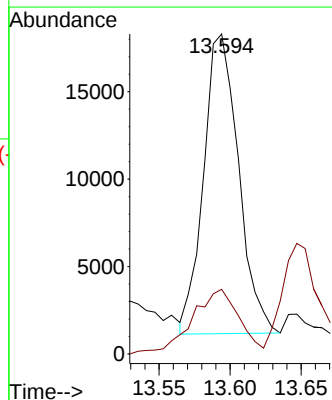
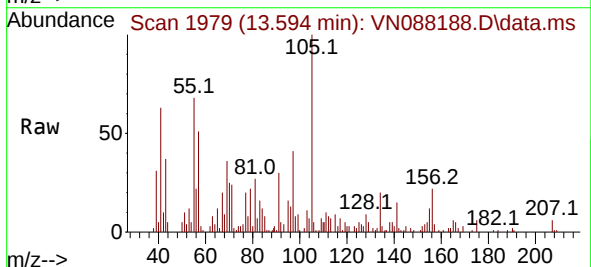
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

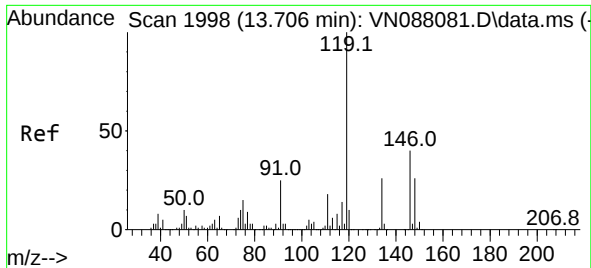
Tgt Ion:105 Resp: 609970
Ion Ratio Lower Upper
105 100
120 43.0 22.0 66.0



#85
sec-Butylbenzene
Concen: 1.491 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion:105 Resp: 29272
Ion Ratio Lower Upper
105 100
134 29.2 9.6 28.6#

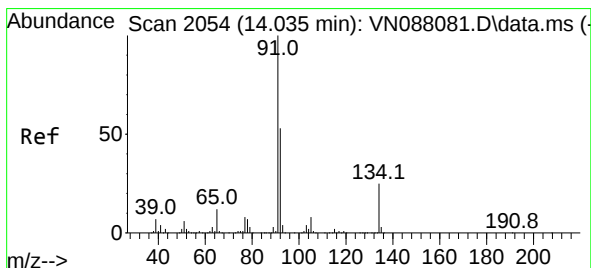
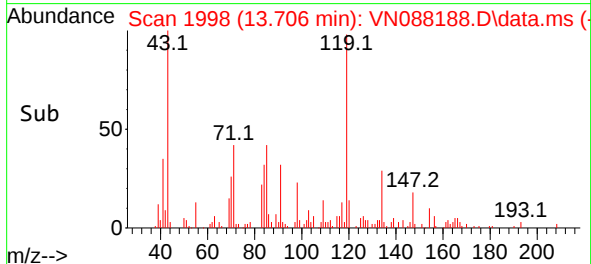
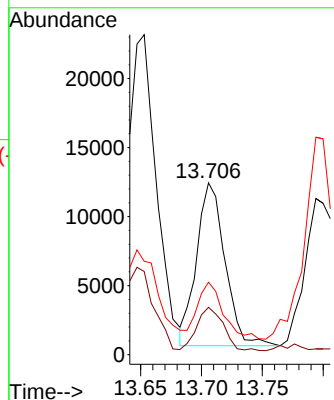
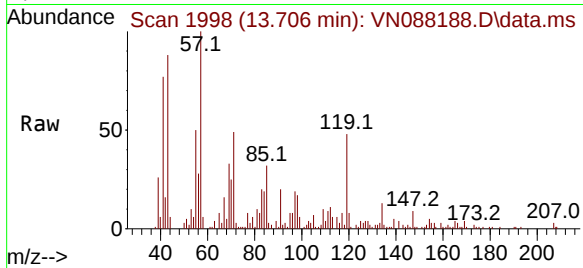




#86
p-Isopropyltoluene
Concen: 1.218 ug/l
RT: 13.706 min Scan# 1998
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

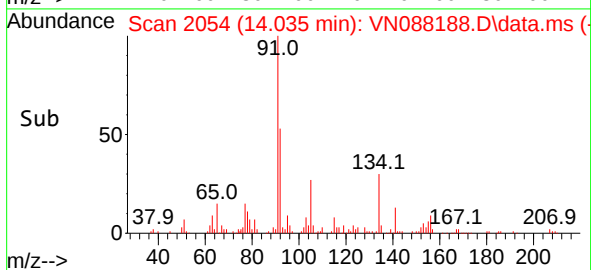
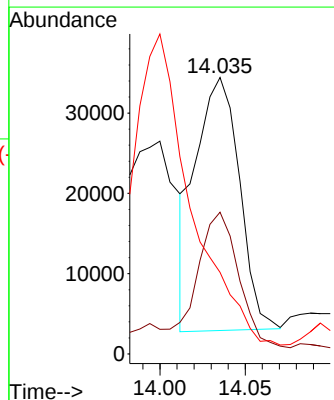
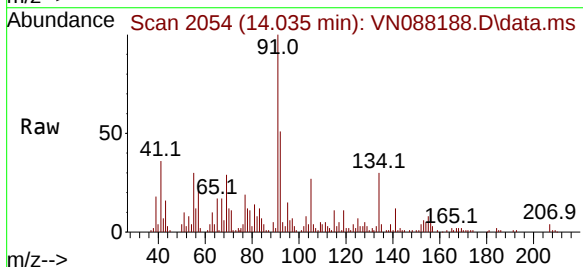
Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151

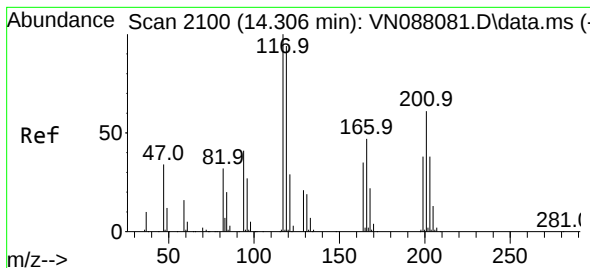
Tgt Ion:119 Resp: 19184
Ion Ratio Lower Upper
119 100
134 25.9 12.7 38.0
91 30.8 12.5 37.5



#89
n-Butylbenzene
Concen: 3.599 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.006 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Tgt Ion: 91 Resp: 56150
Ion Ratio Lower Upper
91 100
92 55.1 25.9 77.8
134 0.0 11.7 35.0#





#90

Hexachloroethane

Concen: 7.376 ug/l

RT: 14.306 min Scan# 2100

Delta R.T. -0.006 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

Instrument :

MSVOA_N

ClientSampleId :

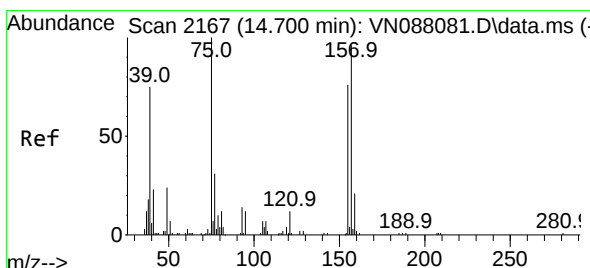
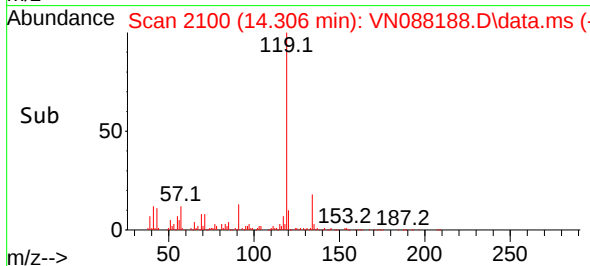
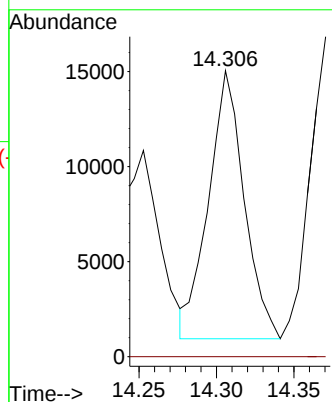
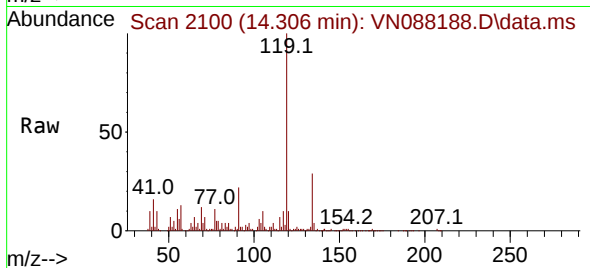
LAW-25-0151

Tgt Ion:117 Resp: 22501

Ion Ratio Lower Upper

117 100

201 0.0 29.1 87.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.509 ug/l

RT: 14.694 min Scan# 2166

Delta R.T. -0.006 min

Lab File: VN088188.D

Acq: 31 Oct 2025 15:03

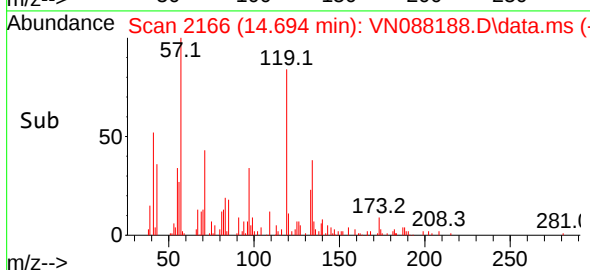
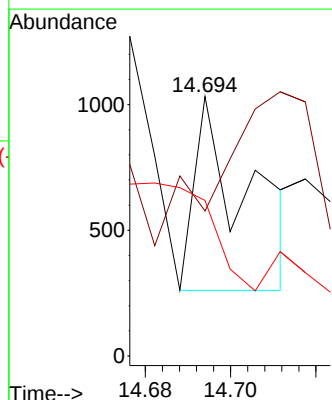
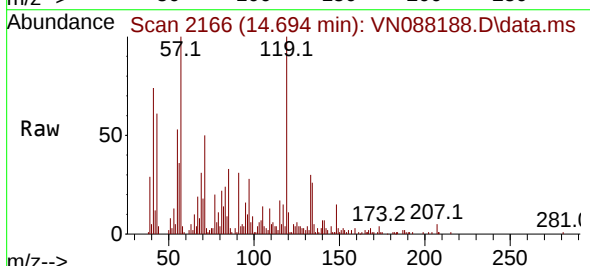
Tgt Ion: 75 Resp: 664

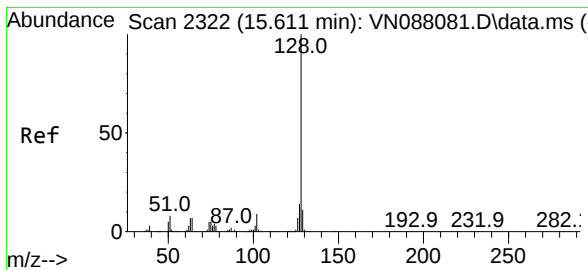
Ion Ratio Lower Upper

75 100

155 0.0 36.6 109.9#

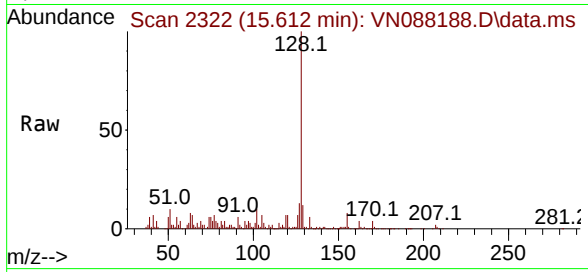
157 0.0 45.6 136.9#





#95
Naphthalene
Concen: 22.362 ug/l
RT: 15.612 min Scan# 21
Delta R.T. 0.000 min
Lab File: VN088188.D
Acq: 31 Oct 2025 15:03

Instrument :
MSVOA_N
ClientSampleId :
LAW-25-0151



Tgt Ion:	128	Resp:	346812
Ion	Ratio	Lower	Upper
128	100		
127	13.4	10.6	15.8
129	12.7	8.6	12.8

