

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086898.D
 Acq On : 09 Jun 2025 12:38
 Operator : JC\MD
 Sample : Q2236-05RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 03:30:31 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 07 02:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.229	168	357416	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	624769	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	547693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	258175	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.582	65	206514	43.155	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	86.300%
35) Dibromofluoromethane	8.177	113	120651	32.586	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	65.180%#
50) Toluene-d8	10.570	98	752459	51.337	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	102.680%
62) 4-Bromofluorobenzene	12.847	95	264424	48.557	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	97.120%
Target Compounds						
					Qvalue	
8) Diethyl Ether	3.983	74	81599	30.196	ug/l	92
11) Tert butyl alcohol	5.530	59	775	0.597	ug/l #	73
13) Acrolein	4.200	56	203	0.494	ug/l #	61
14) Allyl chloride	4.965	41	1713	0.260	ug/l #	25
16) Acetone	4.447	43	147270	58.032	ug/l	99
20) Methylene Chloride	5.300	84	7387	1.555	ug/l #	83
25) 2-Butanone	7.500	43	15945	3.865	ug/l	95
27) cis-1,2-Dichloroethene	7.512	96	2057	0.389	ug/l	45
29) Tetrahydrofuran	7.847	42	578	0.215	ug/l #	14
31) Cyclohexane	8.229	56	5710	0.736	ug/l #	1
36) 1,1-Dichloropropene	8.229	75	25877	4.690	ug/l #	48
37) Ethyl Acetate	7.500	43	15945	2.270	ug/l #	77
38) Carbon Tetrachloride	8.235	117	32499	6.000	ug/l #	17
40) Benzene	8.612	78	1949840	108.077	ug/l	99
41) Methacrylonitrile	7.865	41	873	0.221	ug/l #	25
48) Methyl methacrylate	9.665	41	2095	0.404	ug/l #	30
51) 4-Methyl-2-Pentanone	10.453	43	4769	0.703	ug/l	98
52) Toluene	10.629	92	723153	65.589	ug/l	100
53) t-1,3-Dichloropropene	10.629	75	7066	1.053	ug/l #	1
59) 2-Hexanone	11.176	43	13634	3.119	ug/l #	20
67) Ethyl Benzene	11.965	91	2970975	142.788	ug/l	99
68) m/p-Xylenes	12.065	106	539700	67.760	ug/l	98
69) o-Xylene	12.394	106	375364	49.207	ug/l	97
70) Styrene	12.412	104	74695	5.722	ug/l #	30
73) Isopropylbenzene	12.694	105	129285	6.874	ug/l	99
76) 1,2,3-Trichloropropane	13.094	75	5452	0.888	ug/l #	1
78) n-propylbenzene	13.035	91	28851	1.262	ug/l	92
79) 2-Chlorotoluene	13.335	91	13574	0.990	ug/l	84
80) 1,3,5-Trimethylbenzene	13.170	105	104344	6.720	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.847	75	121417	45.543	ug/l #	16
82) 4-Chlorotoluene	13.335	91	13574	0.979	ug/l	85
83) tert-Butylbenzene	13.476	119	51751	3.641	ug/l #	63
84) 1,2,4-Trimethylbenzene	13.482	105	391582	25.148	ug/l	97
85) sec-Butylbenzene	13.482	105	391582	18.970	ug/l #	56
86) p-Isopropyltoluene	13.729	119	17849	1.046	ug/l #	78
89) n-Butylbenzene	13.994	91	569590	34.462	ug/l #	41

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Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

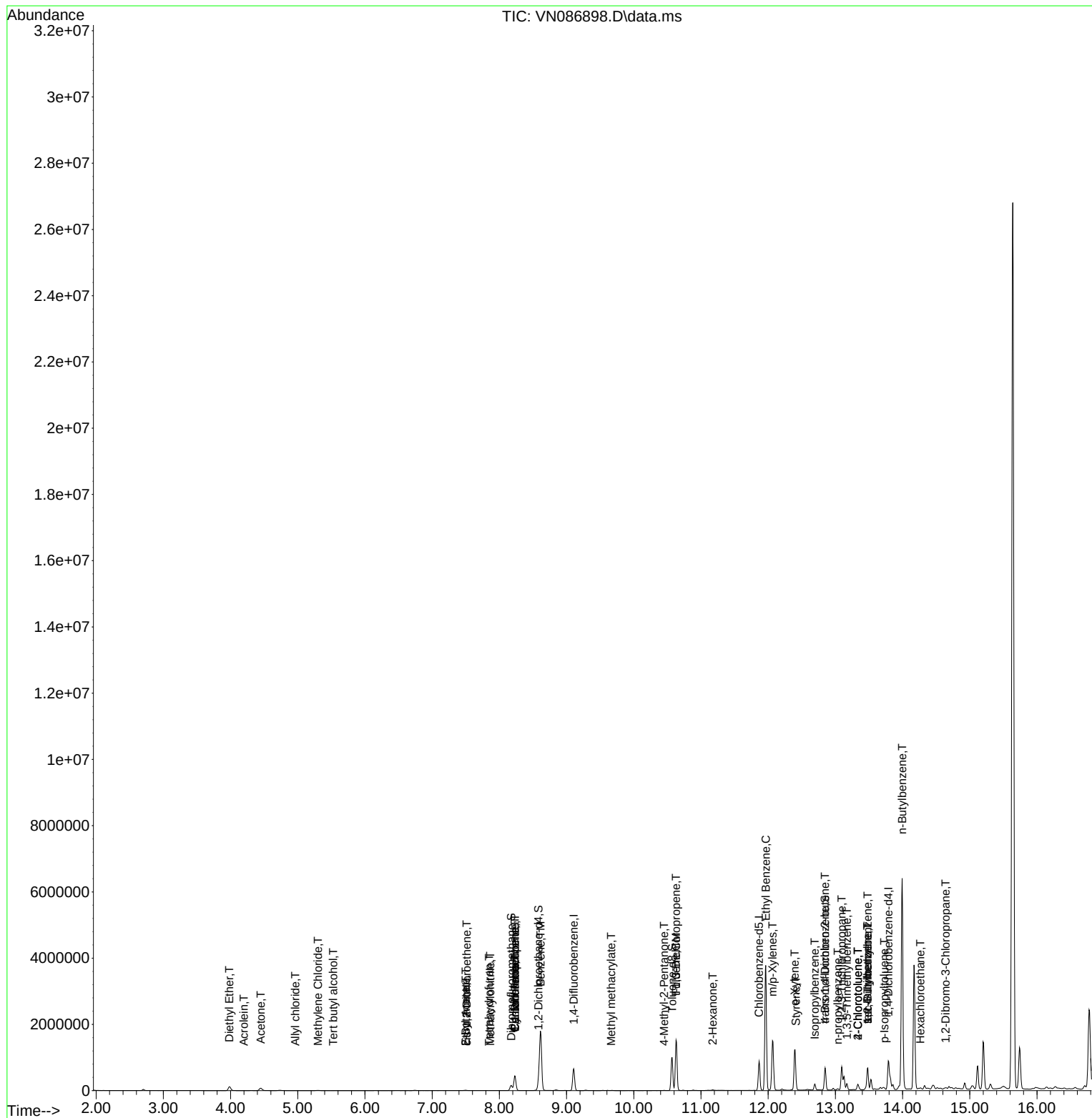
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.264	117	7515	2.598	ug/l	# 17
92) 1,2-Dibromo-3-Chloropr...	14.641	75	914	0.600	ug/l	77

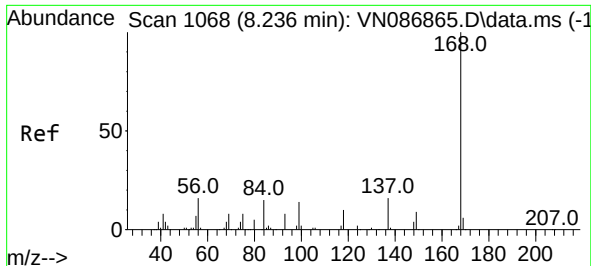
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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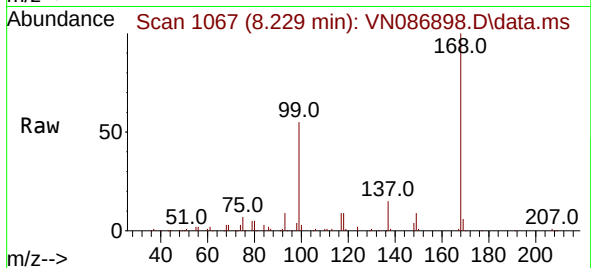
Quant Time: Jun 10 03:30:31 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
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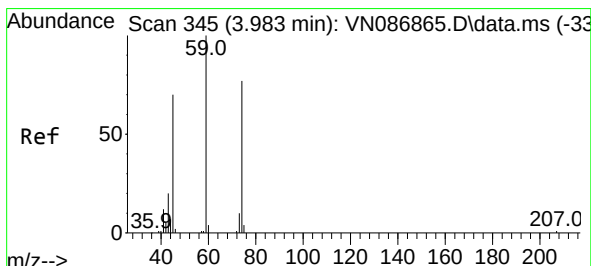
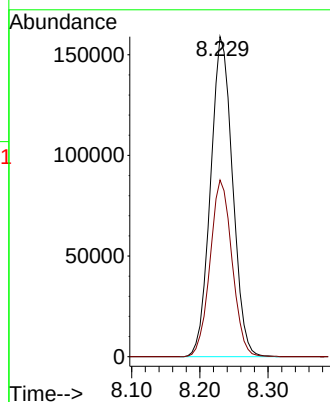
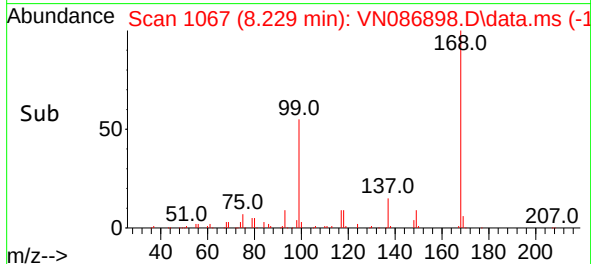


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.007 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

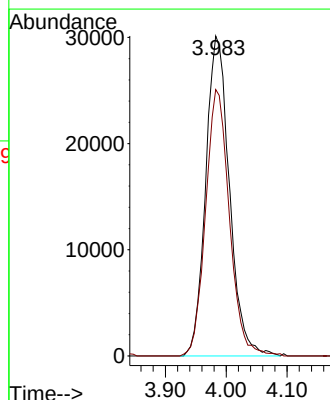
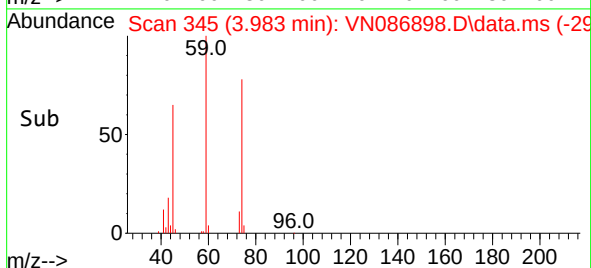
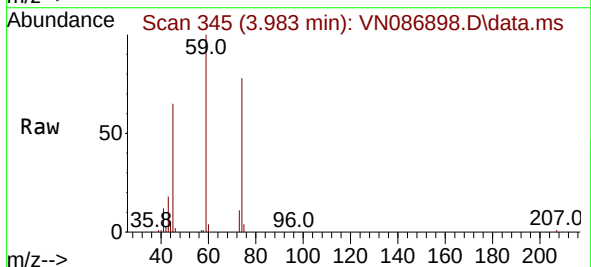


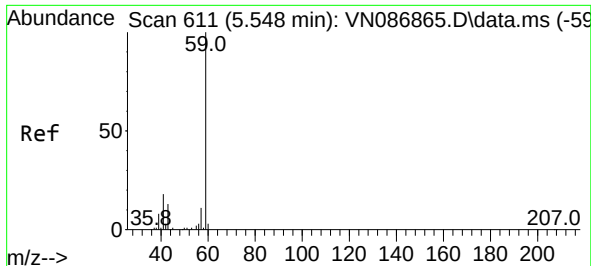
Tgt Ion:168 Resp: 357416
Ion Ratio Lower Upper
168 100
99 55.2 49.1 73.7



#8
Diethyl Ether
Concen: 30.196 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

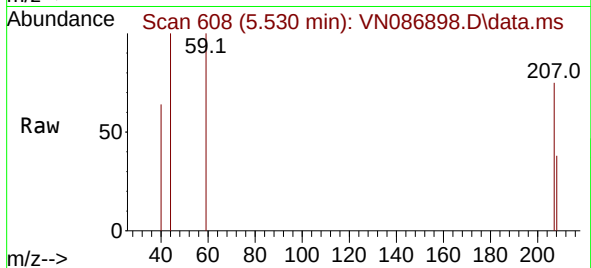
Tgt Ion: 74 Resp: 81599
Ion Ratio Lower Upper
74 100
45 83.7 45.5 136.5



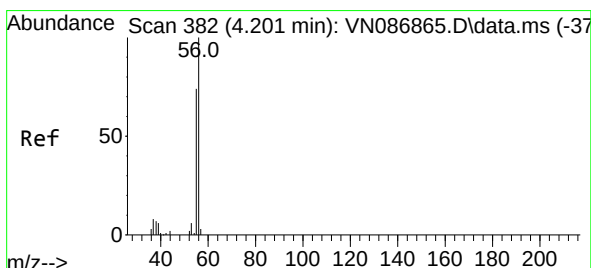
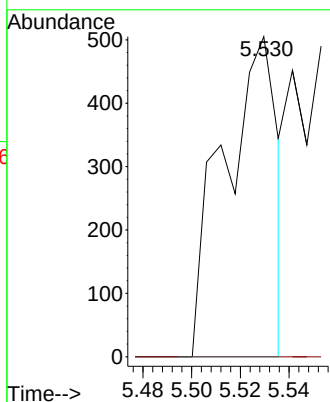
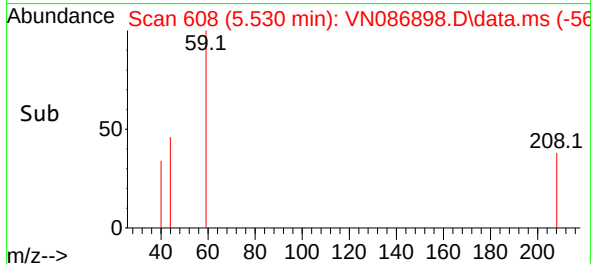


#11
Tert butyl alcohol
Concen: 0.597 ug/l
RT: 5.530 min Scan# 611
Delta R.T. -0.018 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

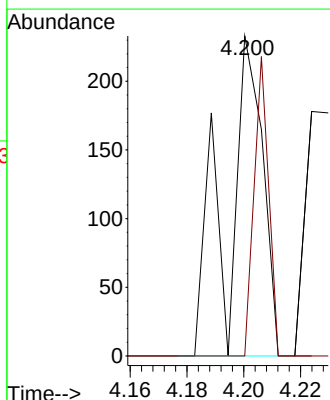
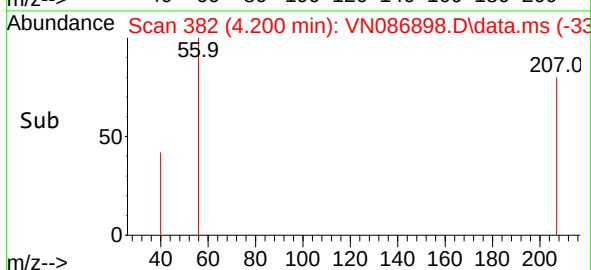
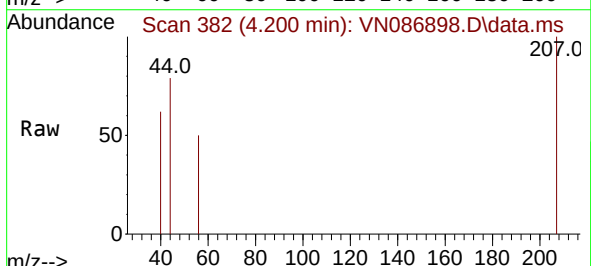


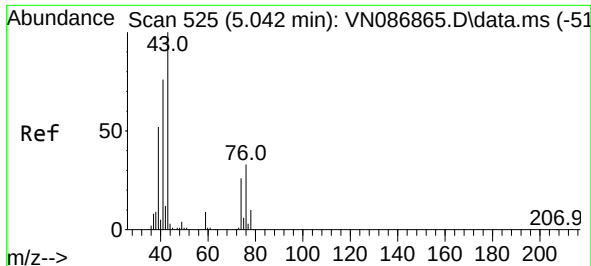
Tgt Ion: 59 Resp: 775
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#



#13
Acrolein
Concen: 0.494 ug/l
RT: 4.200 min Scan# 382
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

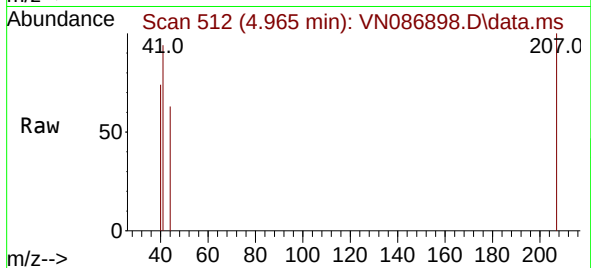
Tgt Ion: 56 Resp: 203
Ion Ratio Lower Upper
56 100
55 37.9 55.6 83.4#



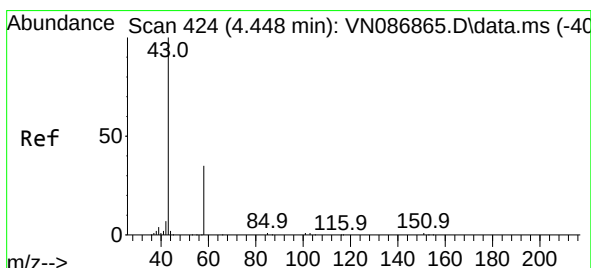
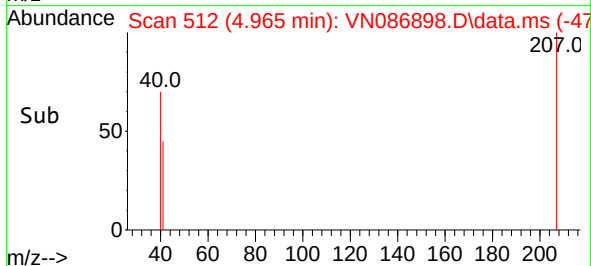
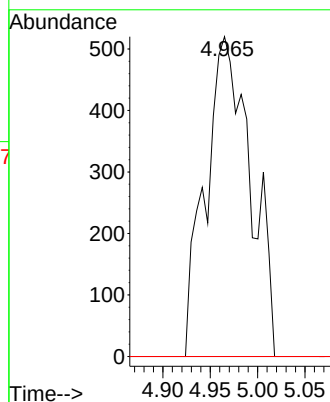


#14
 Allyl chloride
 Concen: 0.260 ug/l
 RT: 4.965 min Scan# 512
 Delta R.T. -0.077 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

Instrument :
 MSVOA_N
 ClientSampleId :

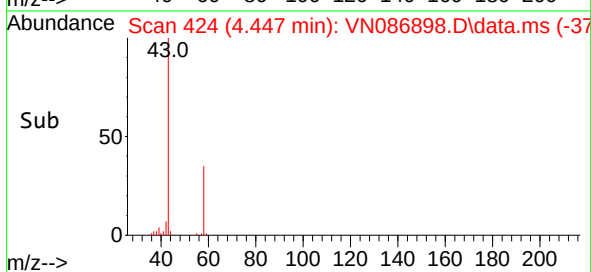
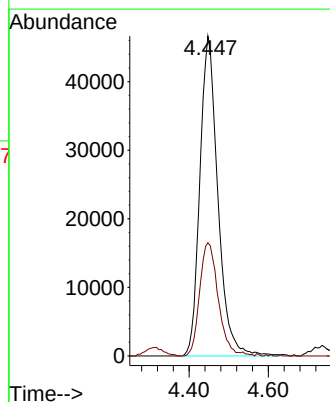
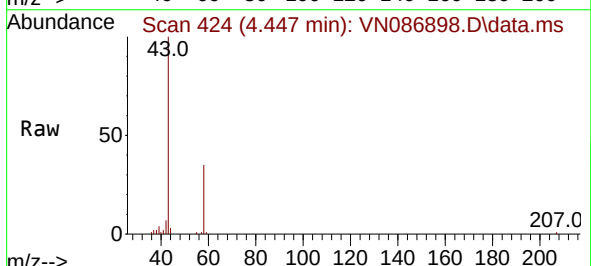


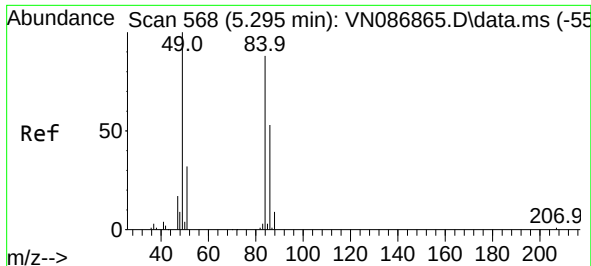
Tgt Ion: 41 Resp: 1713
 Ion Ratio Lower Upper
 41 100
 39 0.0 51.3 76.9#
 76 0.0 31.4 47.0#



#16
 Acetone
 Concen: 58.032 ug/l
 RT: 4.447 min Scan# 424
 Delta R.T. -0.000 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

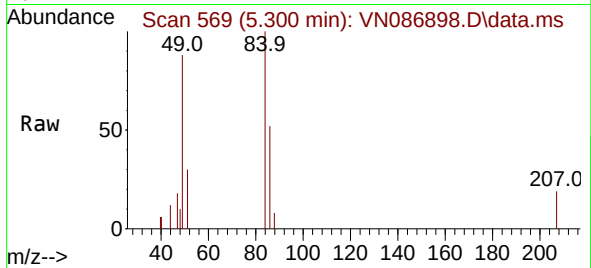
Tgt Ion: 43 Resp: 147270
 Ion Ratio Lower Upper
 43 100
 58 35.4 28.0 42.0





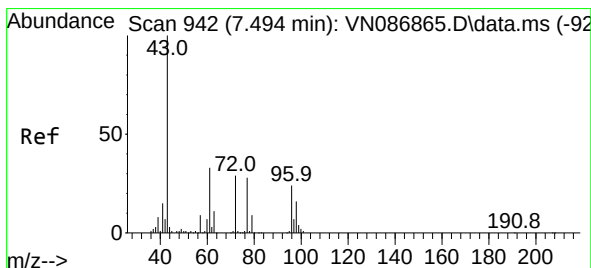
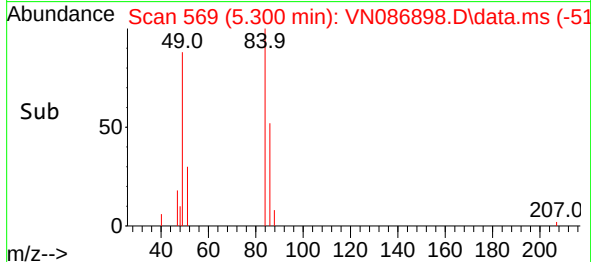
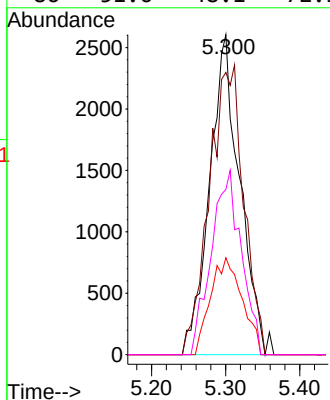
#20
Methylene Chloride
Concen: 1.555 ug/l
RT: 5.300 min Scan# 51
Delta R.T. 0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion: 84 Resp: 7387

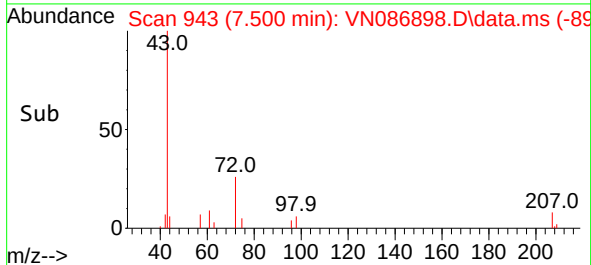
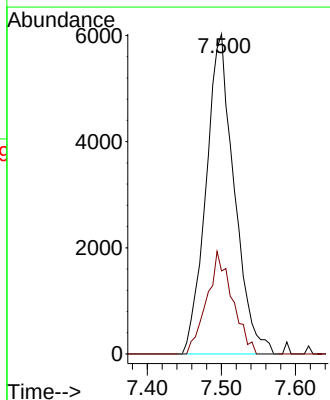
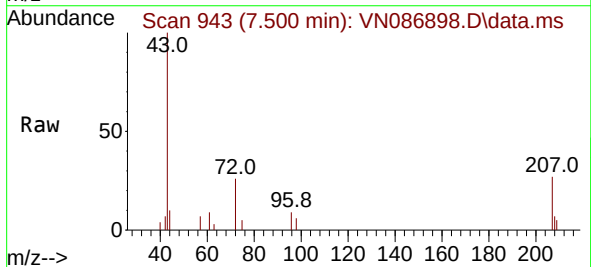
Ion	Ratio	Lower	Upper
84	100		
49	88.2	90.5	135.7#
51	30.3	28.5	42.7
86	51.6	48.1	72.1

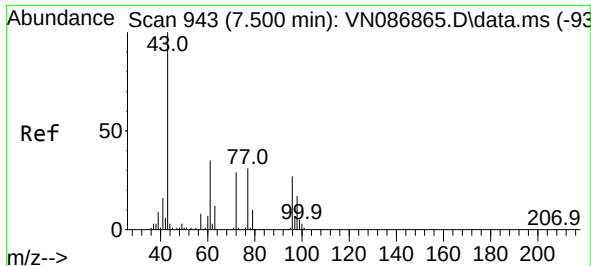


#25
2-Butanone
Concen: 3.865 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion: 43 Resp: 15945

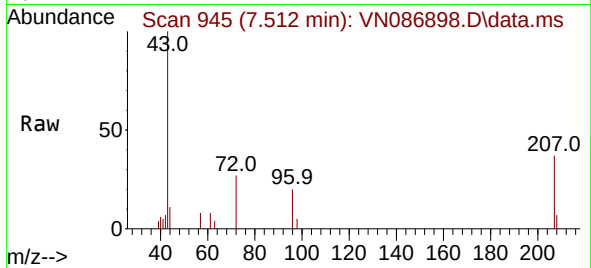
Ion	Ratio	Lower	Upper
43	100		
72	26.0	23.0	34.6



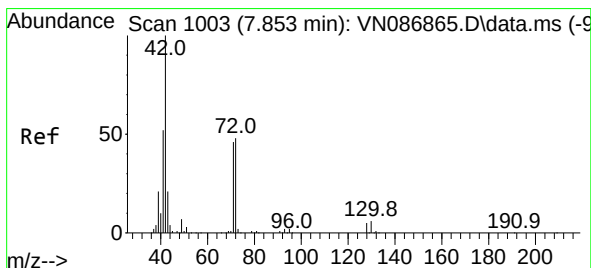
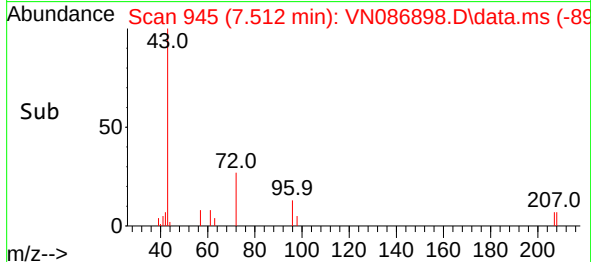
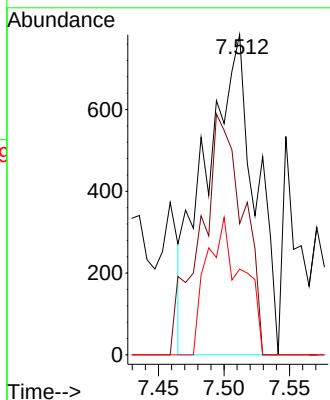


#27
 cis-1,2-Dichloroethene
 Concen: 0.389 ug/l
 RT: 7.512 min Scan# 94
 Delta R.T. 0.012 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

Instrument :
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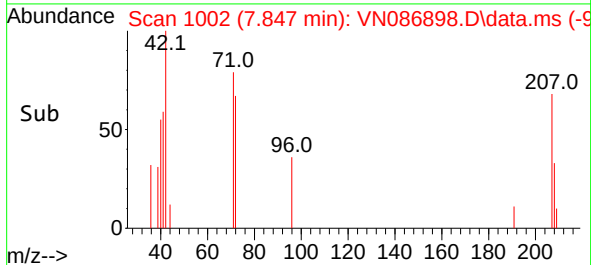
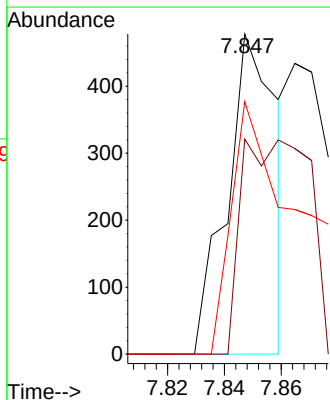
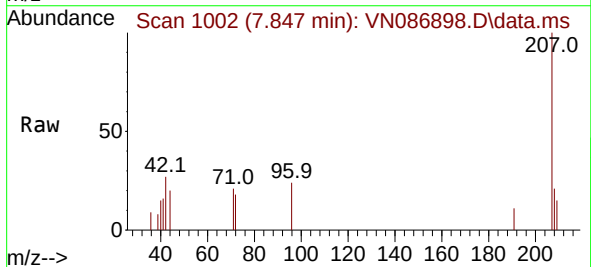


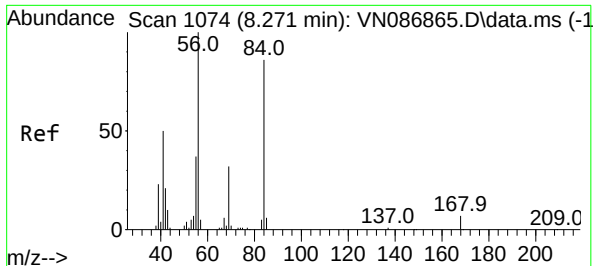
Tgt Ion: 96 Resp: 2057
 Ion Ratio Lower Upper
 96 100
 61 65.1 0.0 278.0
 98 31.0 0.0 128.2



#29
 Tetrahydrofuran
 Concen: 0.215 ug/l
 RT: 7.847 min Scan# 1002
 Delta R.T. -0.006 min
 Lab File: VN086898.D
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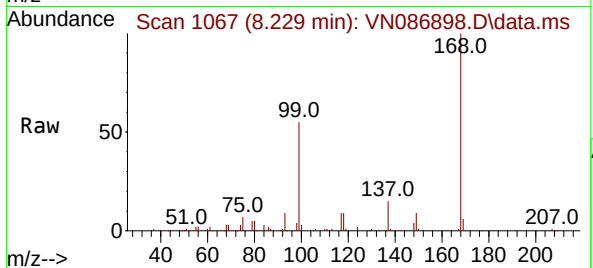
Tgt Ion: 42 Resp: 578
 Ion Ratio Lower Upper
 42 100
 72 92.7 37.8 56.6#
 71 113.1 35.6 53.4#



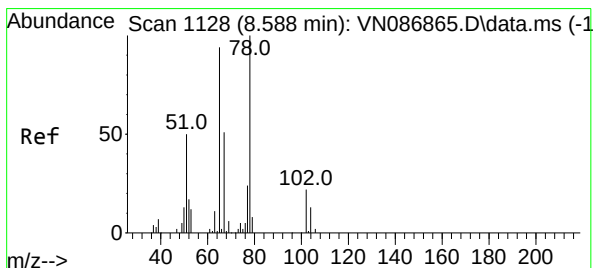
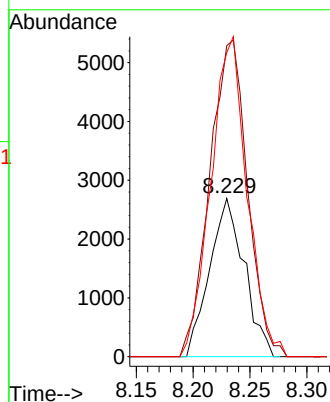
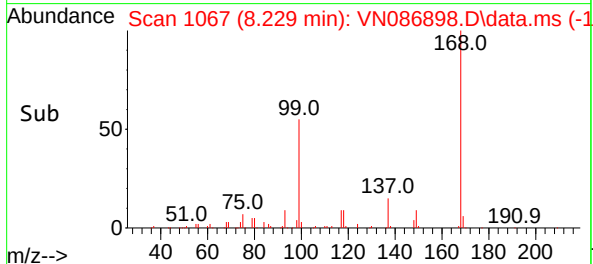


#31
Cyclohexane
Concen: 0.736 ug/l
RT: 8.229 min Scan# 1067
Delta R.T. -0.041 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

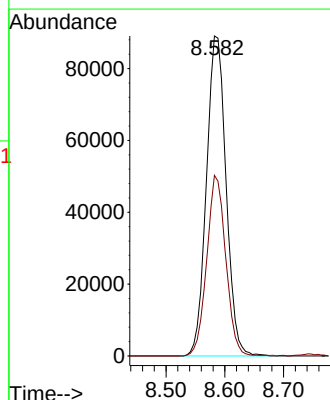
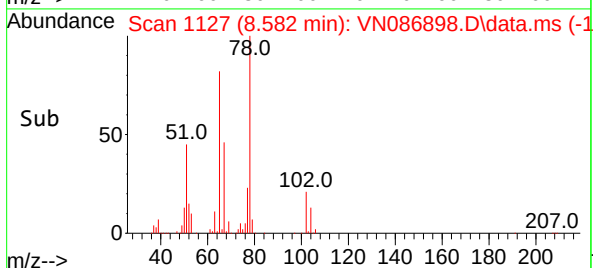
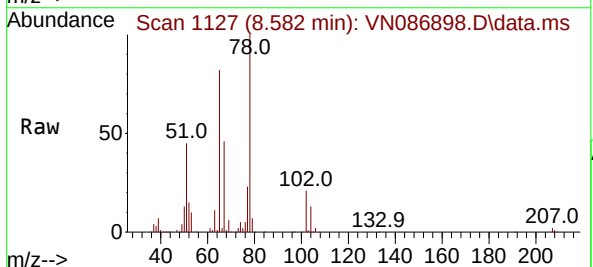


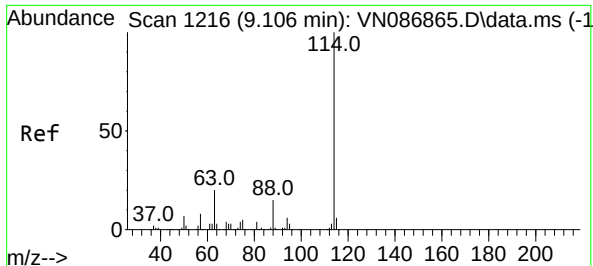
Tgt Ion: 56 Resp: 5710
Ion Ratio Lower Upper
56 100
69 196.5 25.4 38.0#
84 192.2 68.8 103.2#



#33
1,2-Dichloroethane-d4
Concen: 43.155 ug/l
RT: 8.582 min Scan# 1127
Delta R.T. -0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

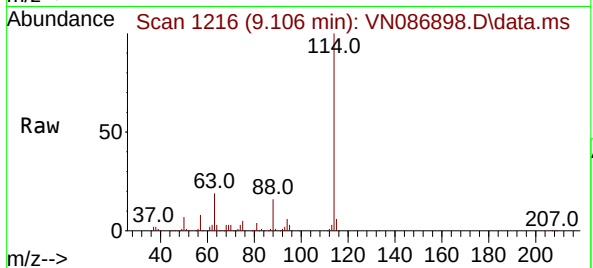
Tgt Ion: 65 Resp: 206514
Ion Ratio Lower Upper
65 100
67 54.7 0.0 105.6



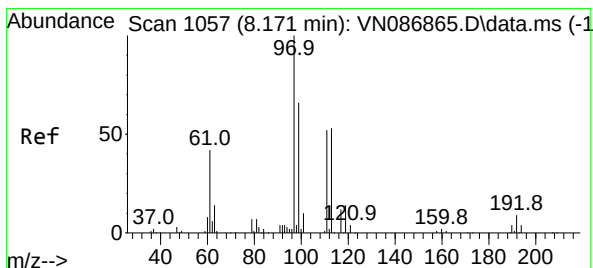
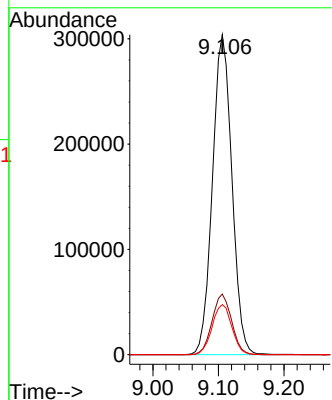
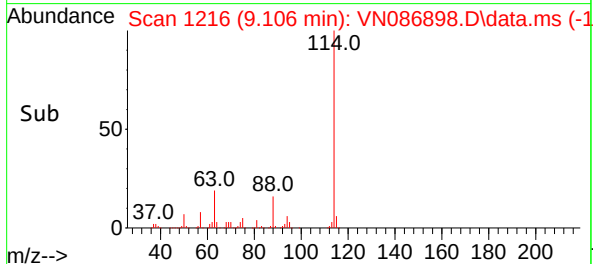


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.106 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

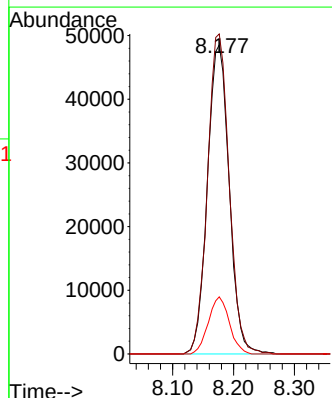
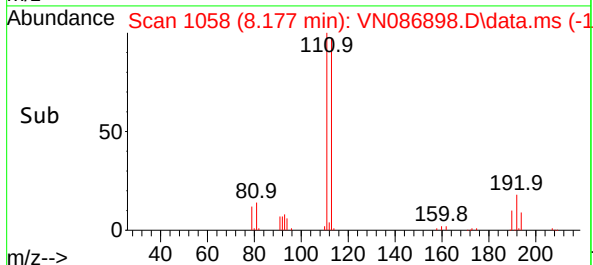
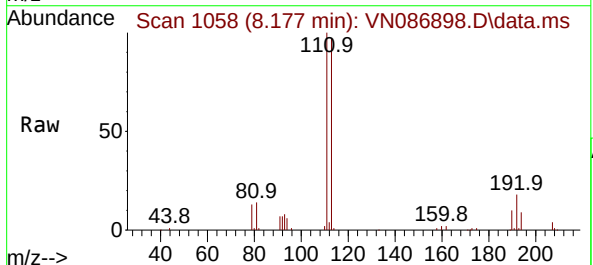


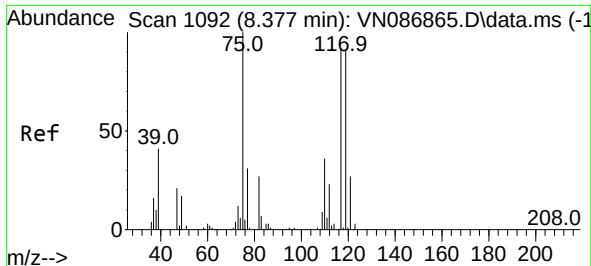
Tgt Ion:114 Resp: 624769
Ion Ratio Lower Upper
114 100
63 18.9 0.0 39.6
88 15.7 0.0 30.2



#35
Dibromofluoromethane
Concen: 32.586 ug/l
RT: 8.177 min Scan# 1058
Delta R.T. 0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion:113 Resp: 120651
Ion Ratio Lower Upper
113 100
111 103.0 84.2 126.2
192 17.8 14.2 21.4





#36

1,1-Dichloropropene

Concen: 4.690 ug/l

RT: 8.229 min Scan# 1067

Delta R.T. -0.147 min

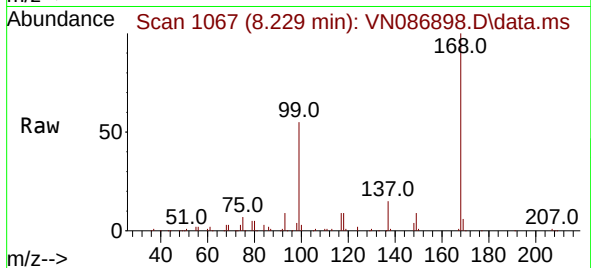
Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

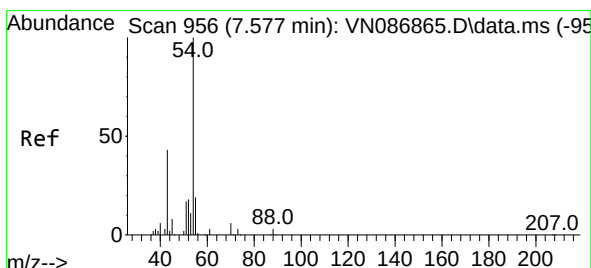
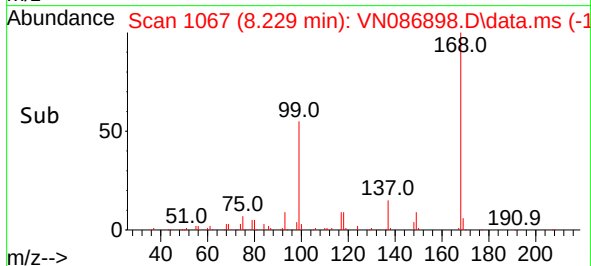
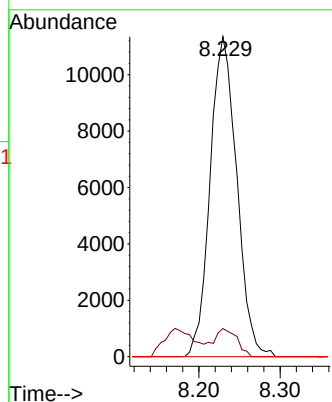
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	75	Resp:	25877
Ion	Ratio	Lower	Upper
75	100		
110	7.8	17.6	52.9#
77	0.0	25.3	37.9#



#37

Ethyl Acetate

Concen: 2.270 ug/l

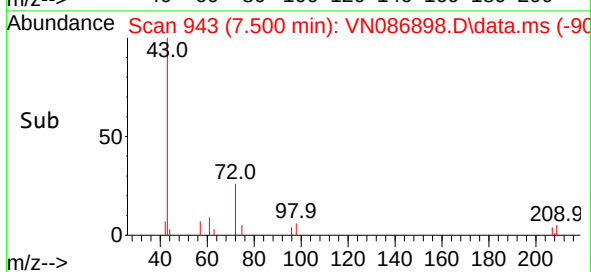
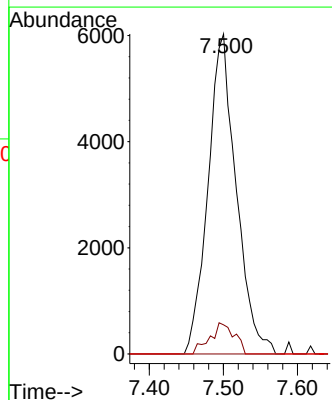
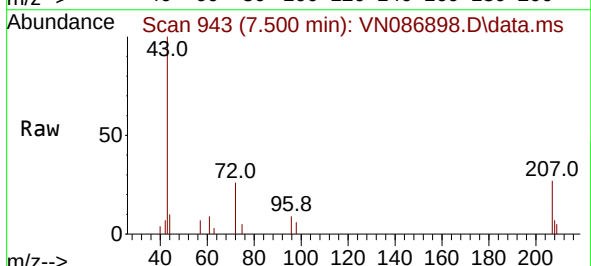
RT: 7.500 min Scan# 943

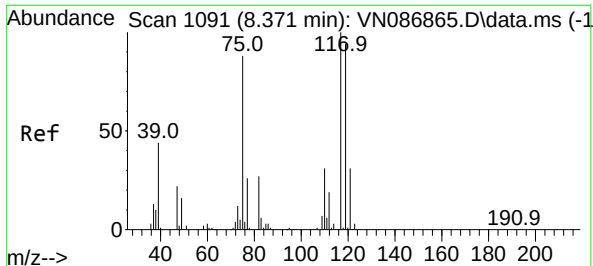
Delta R.T. -0.077 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

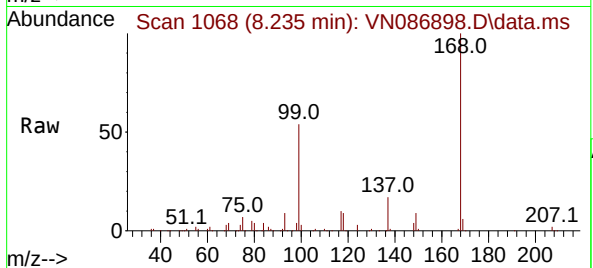
Tgt Ion:	43	Resp:	15945
Ion	Ratio	Lower	Upper
43	100		
61	8.4	12.1	18.1#
70	0.0	9.8	14.6#



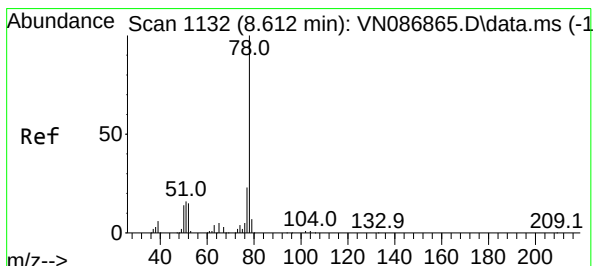
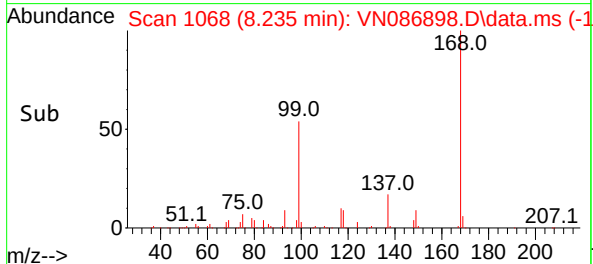
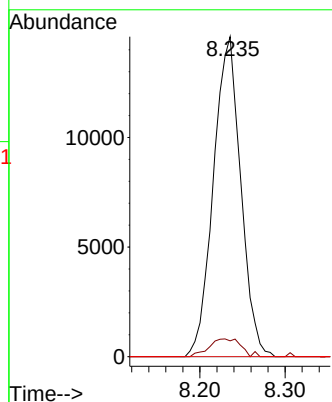


#38
Carbon Tetrachloride
Concen: 6.000 ug/l
RT: 8.235 min Scan# 1091
Delta R.T. -0.136 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

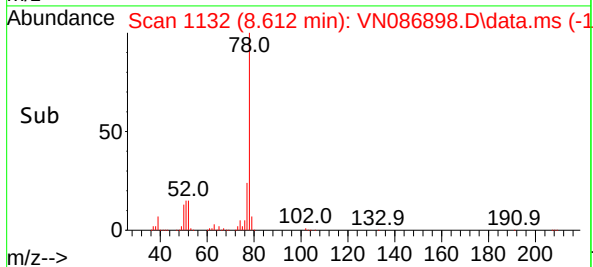
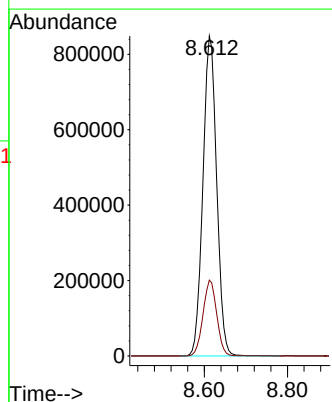
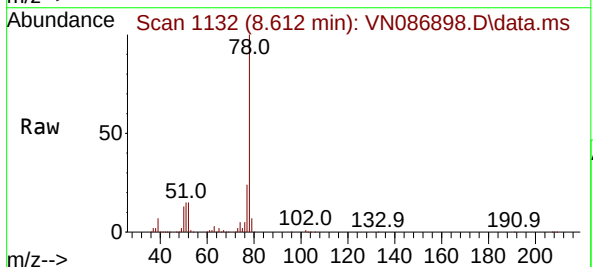


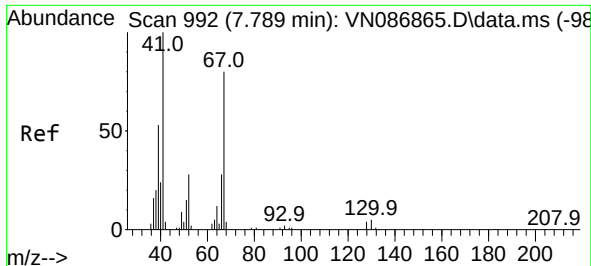
Tgt Ion:117 Resp: 32499
Ion Ratio Lower Upper
117 100
119 4.9 75.0 112.6#
121 0.0 24.9 37.3#



#40
Benzene
Concen: 108.077 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion: 78 Resp: 1949840
Ion Ratio Lower Upper
78 100
77 23.7 18.7 28.1

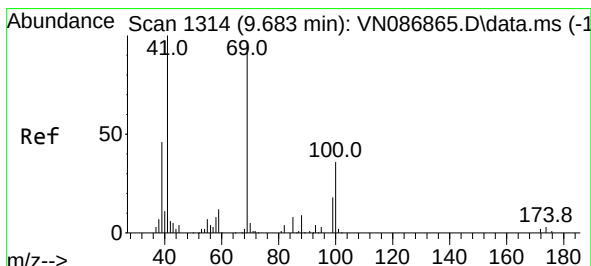
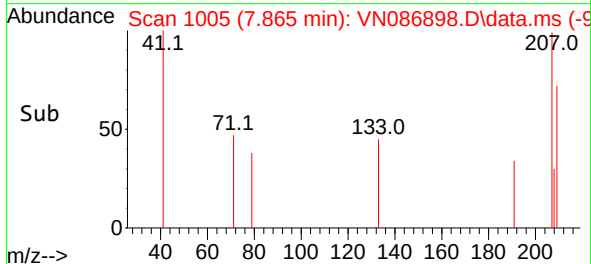
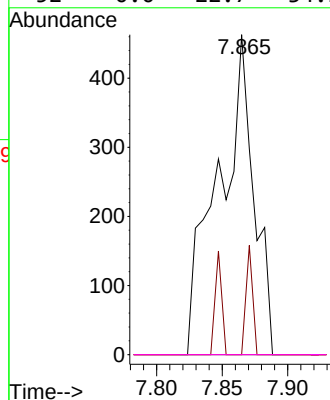
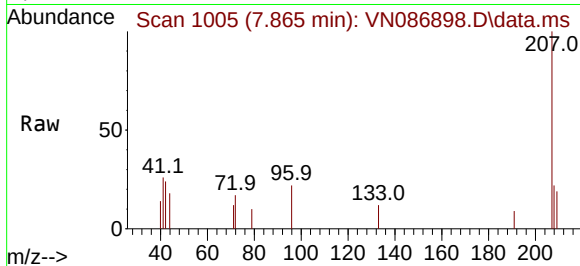




#41
Methacrylonitrile
Concen: 0.221 ug/l
RT: 7.865 min Scan# 11
Delta R.T. 0.076 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

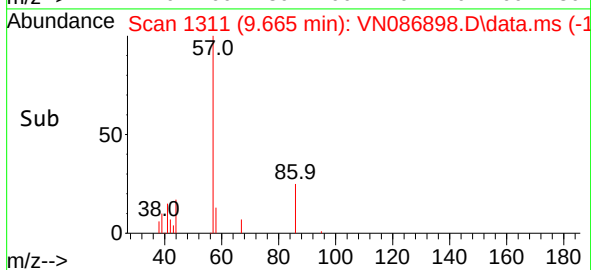
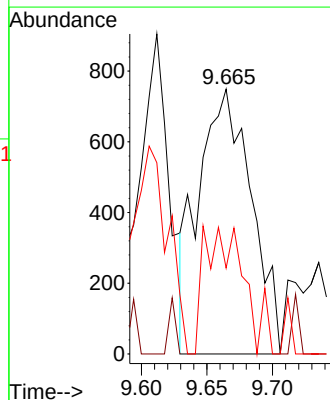
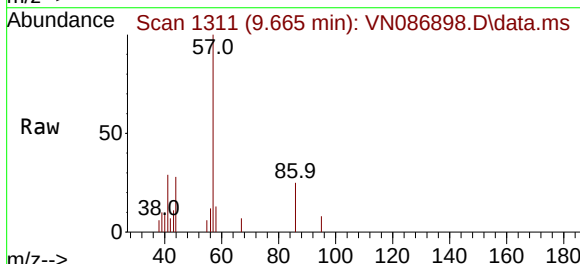
Instrument :
MSVOA_N
ClientSampleId :

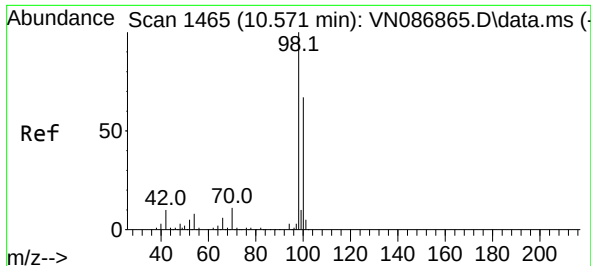
Tgt Ion: 41	Resp: 873
Ion Ratio	Lower Upper
41 100	
39 6.4	41.2 61.8#
67 0.0	61.4 92.2#
52 0.0	22.7 34.1#



#48
Methyl methacrylate
Concen: 0.404 ug/l
RT: 9.665 min Scan# 1311
Delta R.T. -0.018 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion: 41	Resp: 2095
Ion Ratio	Lower Upper
41 100	
69 0.0	74.6 112.0#
39 36.5	40.2 60.4#

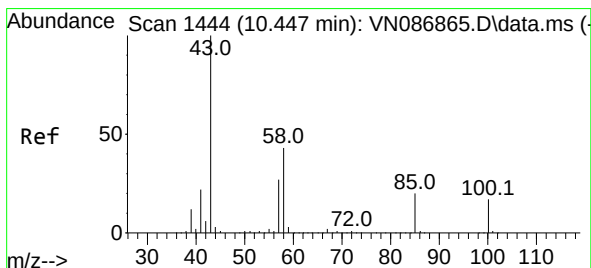
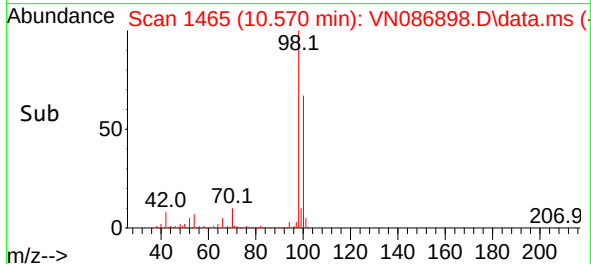
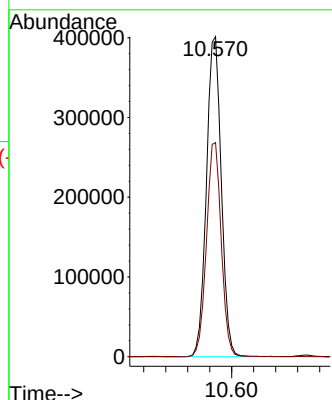
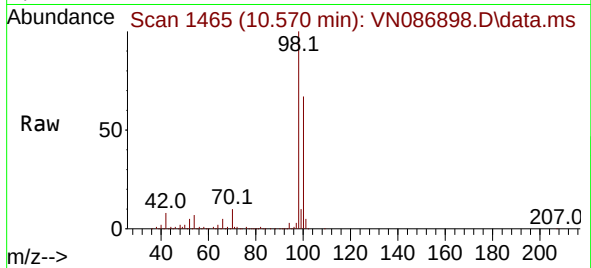




#50
Toluene-d8
Concen: 51.337 ug/l
RT: 10.570 min Scan# 1465
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

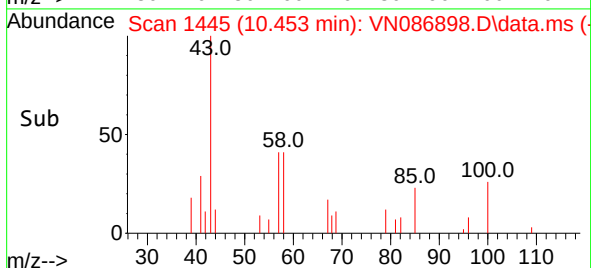
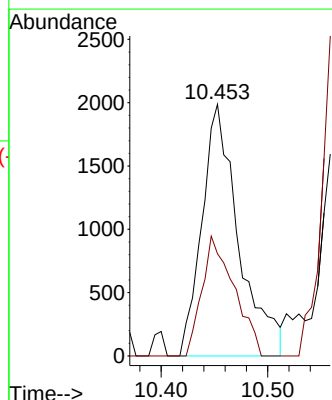
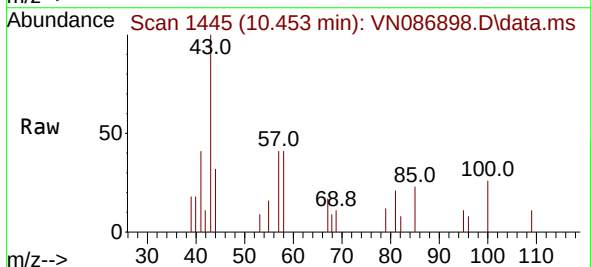
Instrument :
MSVOA_N
ClientSampleId :

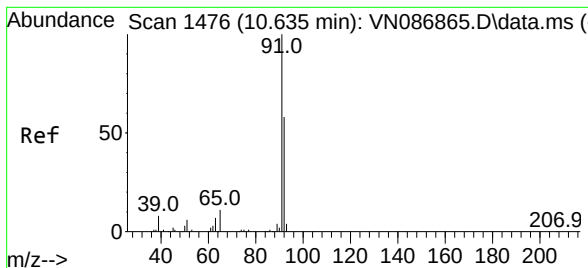
Tgt Ion: 98 Resp: 752459
Ion Ratio Lower Upper
98 100
100 66.4 53.4 80.0



#51
4-Methyl-2-Pentanone
Concen: 0.703 ug/l
RT: 10.453 min Scan# 1445
Delta R.T. 0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion: 43 Resp: 4769
Ion Ratio Lower Upper
43 100
58 41.7 34.2 51.4





#52

Toluene

Concen: 65.589 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.006 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Instrument :

MSVOA_N

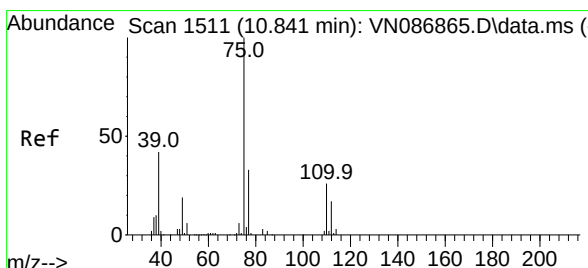
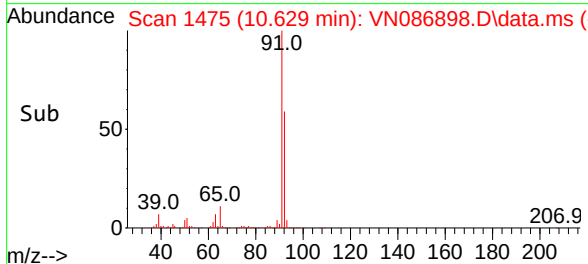
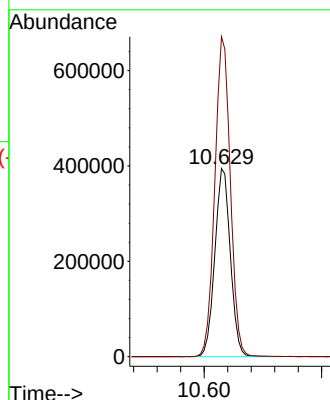
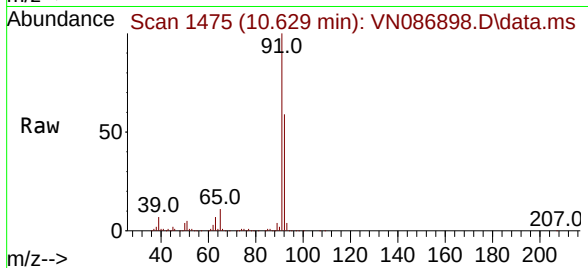
ClientSampleId :

Tgt Ion: 92 Resp: 723153

Ion Ratio Lower Upper

92 100

91 170.2 136.5 204.7



#53

t-1,3-Dichloropropene

Concen: 1.053 ug/l

RT: 10.629 min Scan# 1475

Delta R.T. -0.212 min

Lab File: VN086898.D

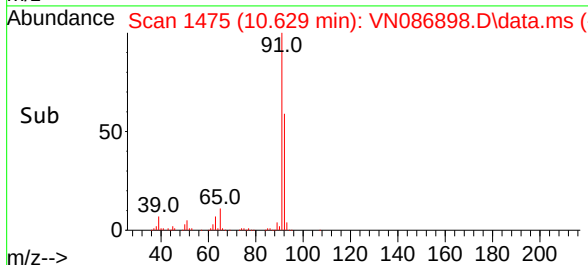
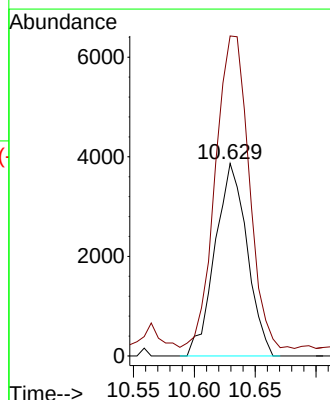
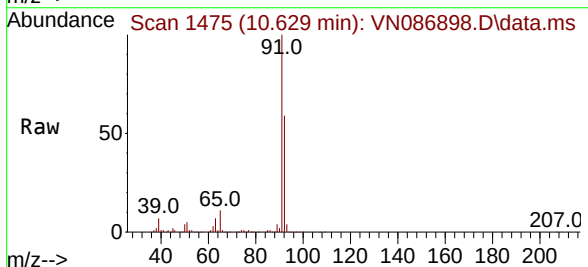
Acq: 09 Jun 2025 12:38

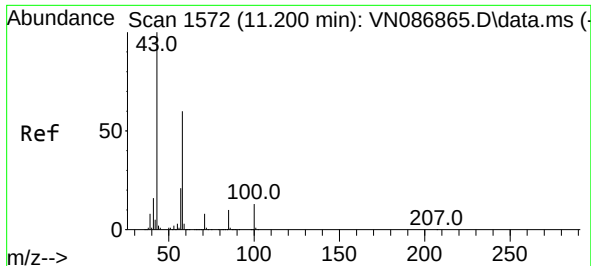
Tgt Ion: 75 Resp: 7066

Ion Ratio Lower Upper

75 100

77 161.9 26.4 39.6#

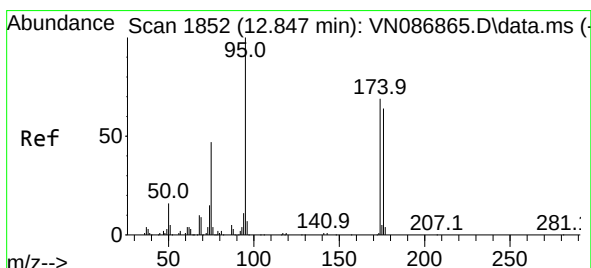
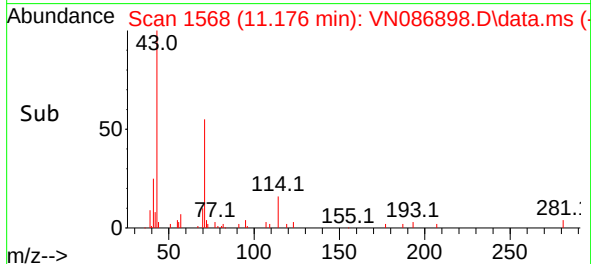
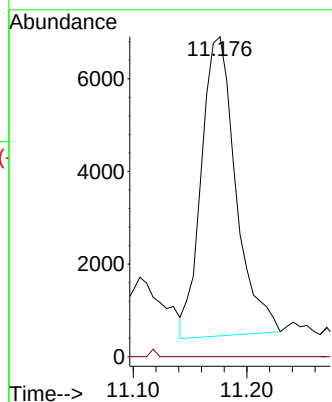
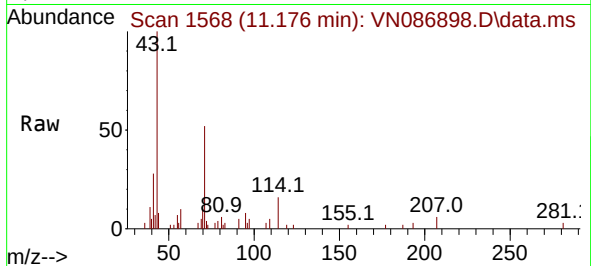




#59
2-Hexanone
Concen: 3.119 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

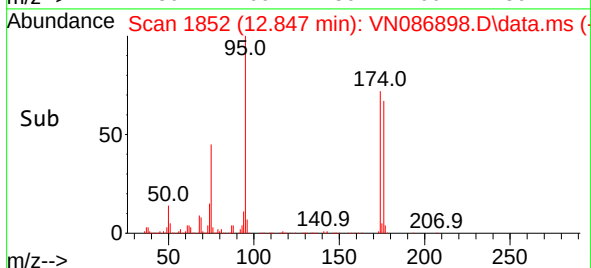
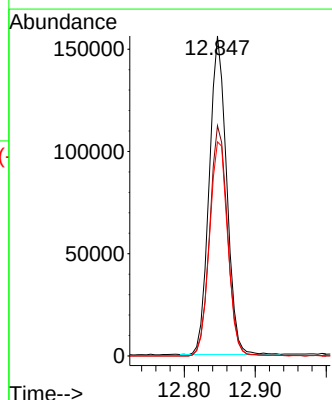
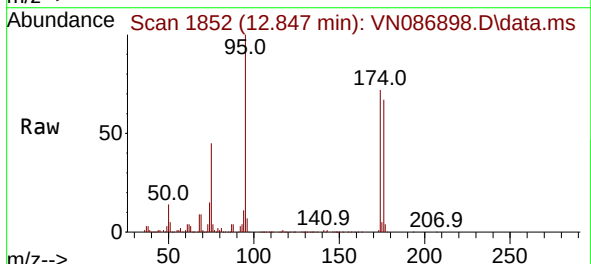
Instrument :
MSVOA_N
ClientSampleId :

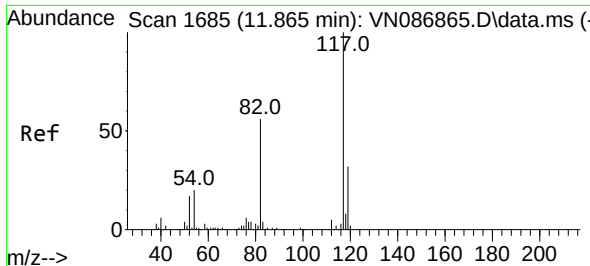
Tgt Ion: 43 Resp: 13634
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 48.557 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

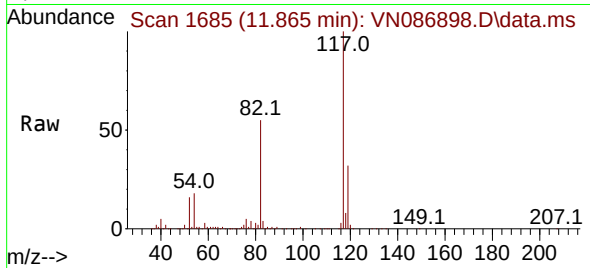
Tgt Ion: 95 Resp: 264424
Ion Ratio Lower Upper
95 100
174 74.2 0.0 141.8
176 70.5 0.0 132.6



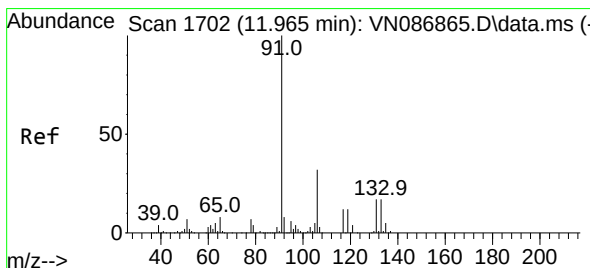
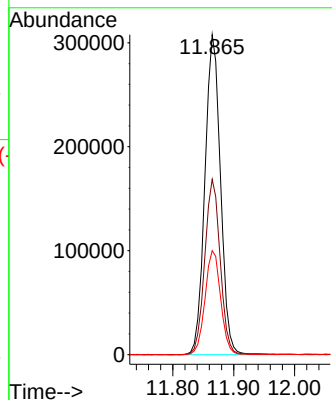
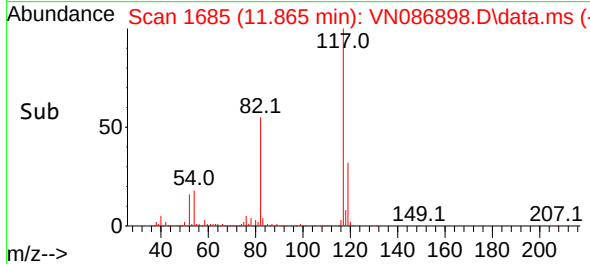


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

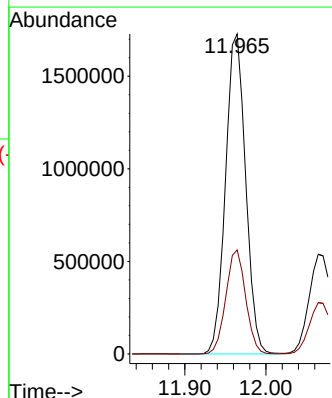
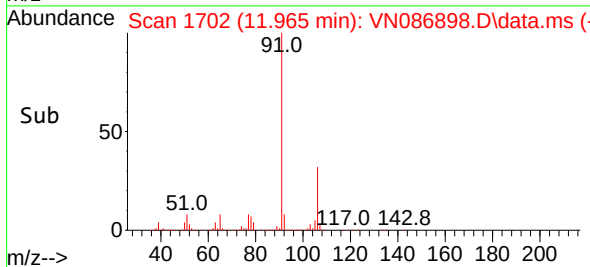
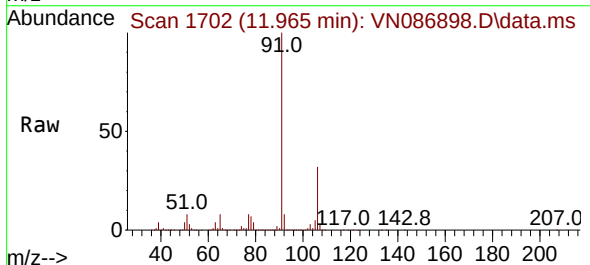


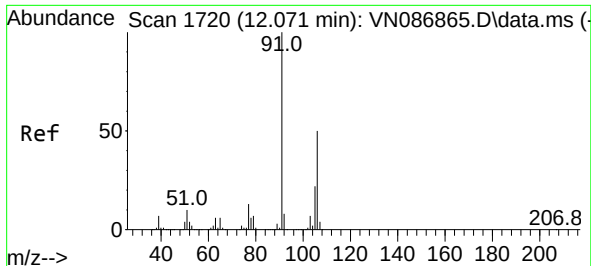
Tgt Ion:117 Resp: 547693
Ion Ratio Lower Upper
117 100
82 54.8 44.6 67.0
119 32.5 25.5 38.3



#67
Ethyl Benzene
Concen: 142.788 ug/l
RT: 11.965 min Scan# 1702
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

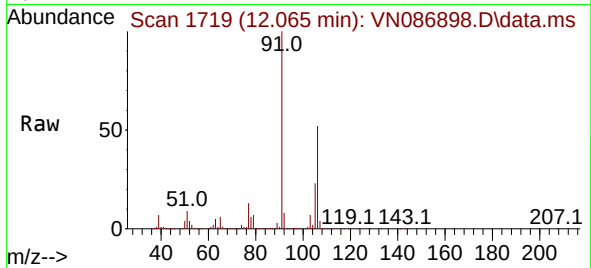
Tgt Ion: 91 Resp: 2970975
Ion Ratio Lower Upper
91 100
106 32.5 25.4 38.2



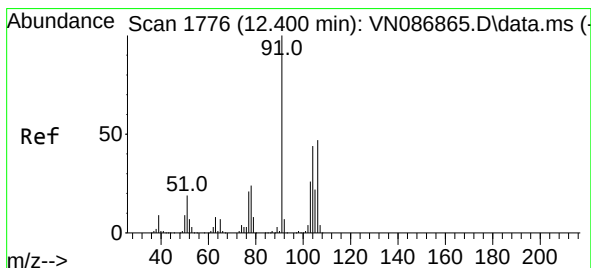
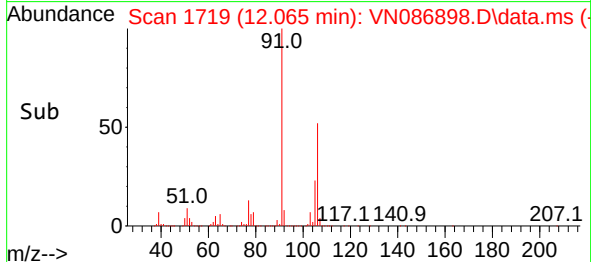
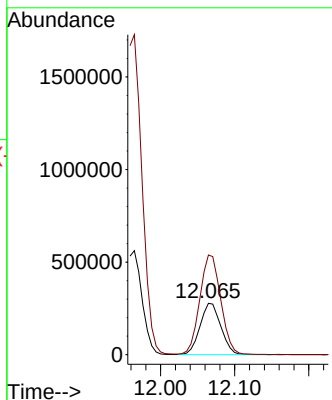


#68
m/p-Xylenes
Concen: 67.760 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Instrument :
MSVOA_N
ClientSampleId :

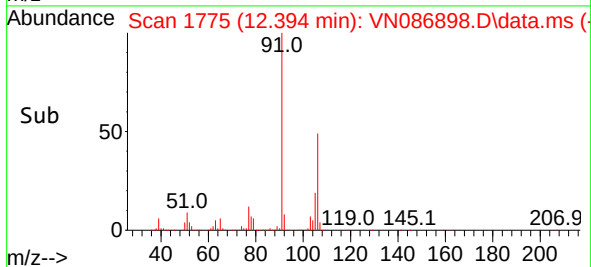
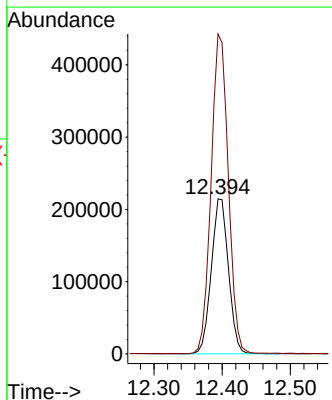
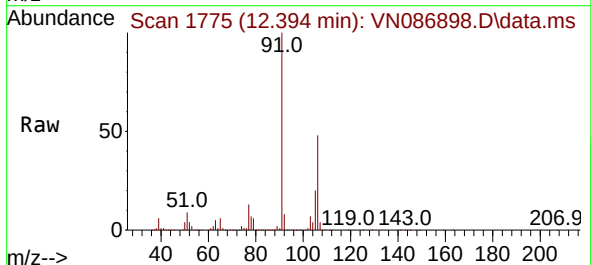


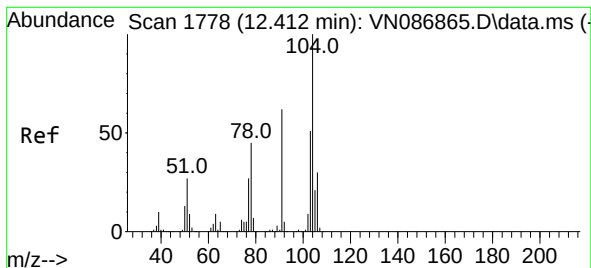
Tgt Ion:106 Resp: 539700
Ion Ratio Lower Upper
106 100
91 195.9 159.4 239.0



#69
o-Xylene
Concen: 49.207 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion:106 Resp: 375364
Ion Ratio Lower Upper
106 100
91 207.1 106.1 318.1





#70

Styrene

Concen: 5.722 ug/l

RT: 12.412 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Instrument :

MSVOA_N

ClientSampleId :

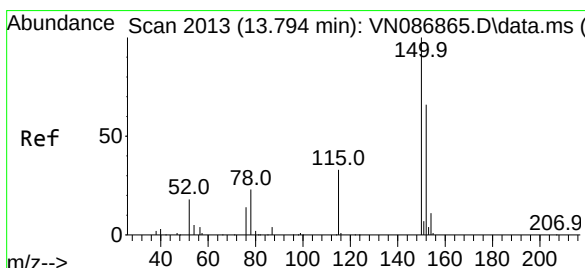
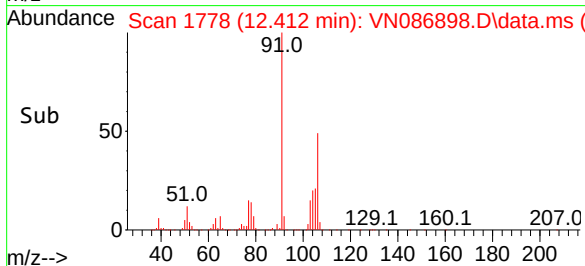
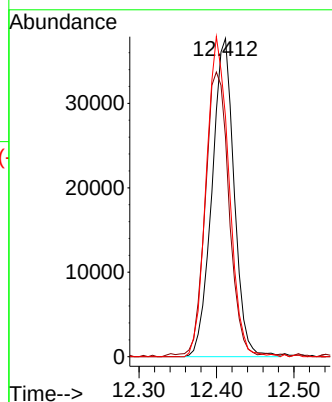
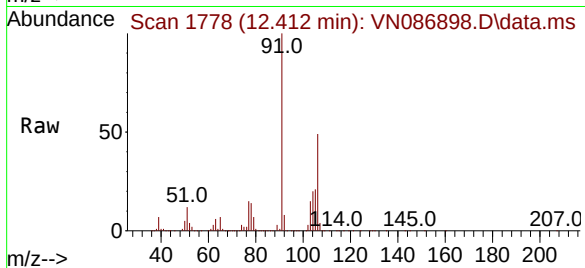
Tgt Ion:104 Resp: 74695

Ion Ratio Lower Upper

104 100

78 96.1 38.5 57.7#

103 103.0 43.1 64.7#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.788 min Scan# 2012

Delta R.T. -0.006 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

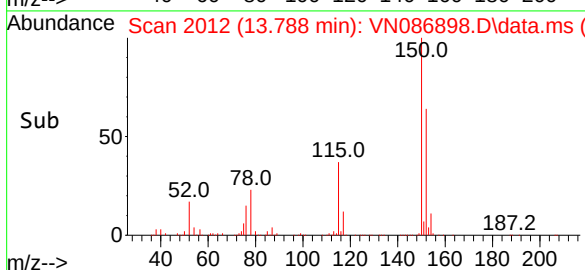
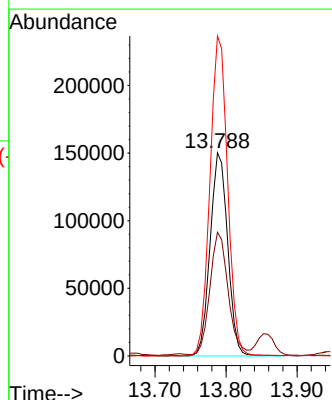
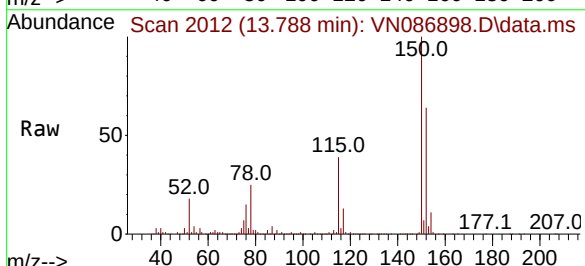
Tgt Ion:152 Resp: 258175

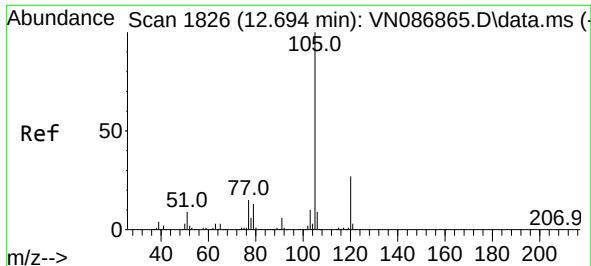
Ion Ratio Lower Upper

152 100

115 61.9 30.1 90.5

150 158.5 0.0 345.0

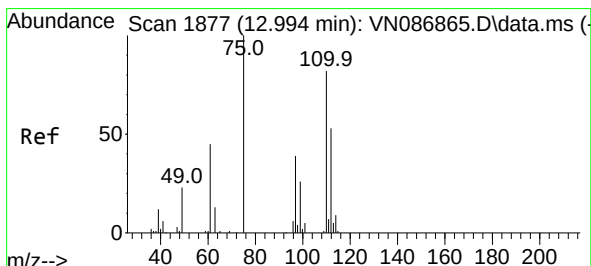
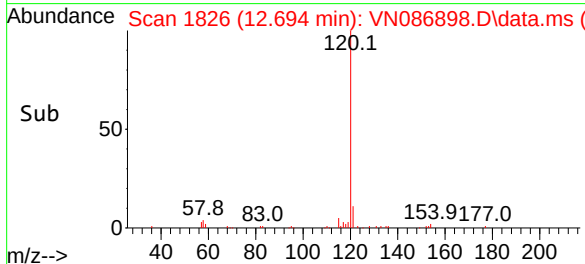
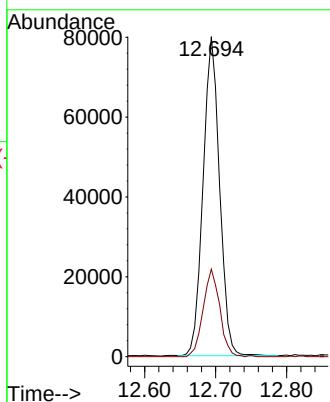
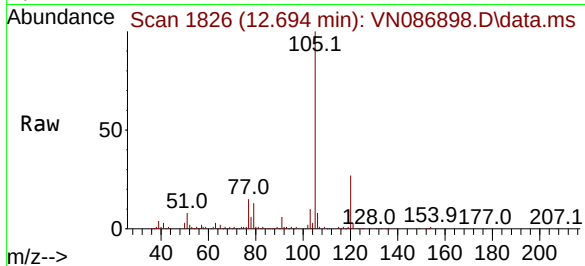




#73
Isopropylbenzene
Concen: 6.874 ug/l
RT: 12.694 min Scan# 1826
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

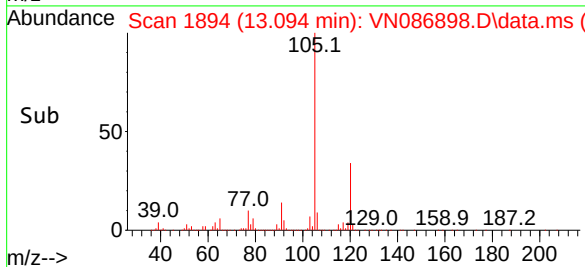
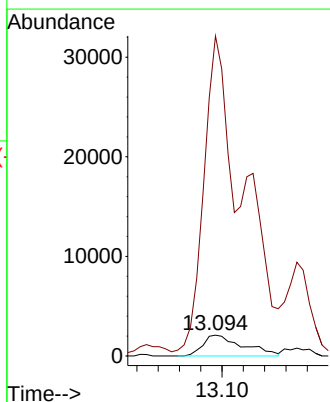
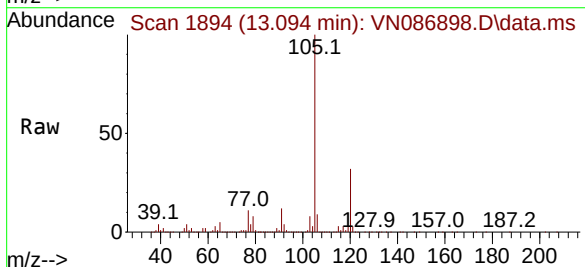
Instrument :
MSVOA_N
ClientSampleId :

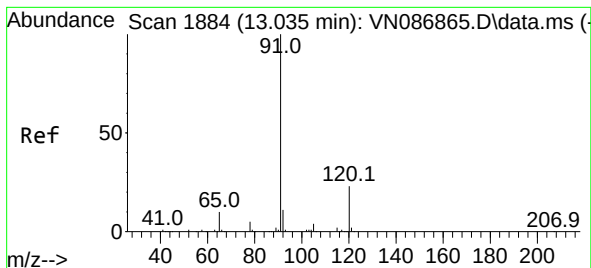
Tgt Ion:105 Resp: 129285
Ion Ratio Lower Upper
105 100
120 27.6 13.5 40.4



#76
1,2,3-Trichloropropane
Concen: 0.888 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. 0.100 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

Tgt Ion: 75 Resp: 5452
Ion Ratio Lower Upper
75 100
77 945.0 79.3 237.9#





#78

n-propylbenzene

Concen: 1.262 ug/l

RT: 13.035 min Scan# 11

Delta R.T. -0.000 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Instrument :

MSVOA_N

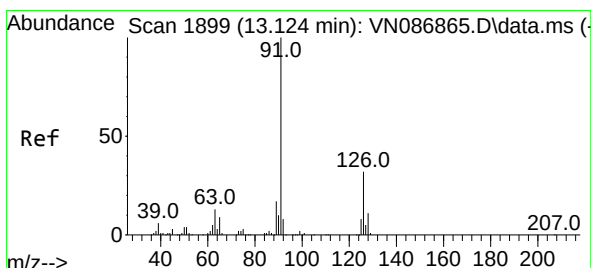
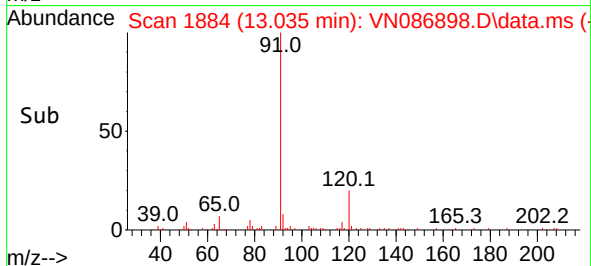
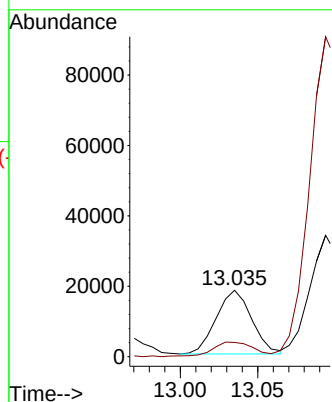
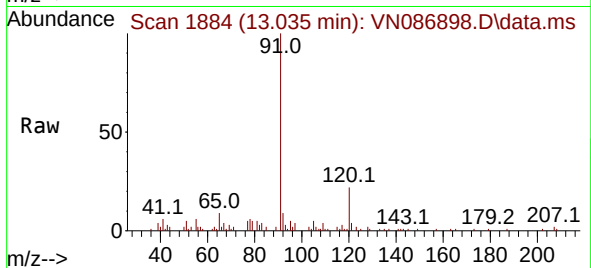
ClientSampleId :

Tgt Ion: 91 Resp: 28851

Ion Ratio Lower Upper

91 100

120 26.9 11.4 34.2



#79

2-Chlorotoluene

Concen: 0.990 ug/l

RT: 13.335 min Scan# 1935

Delta R.T. 0.212 min

Lab File: VN086898.D

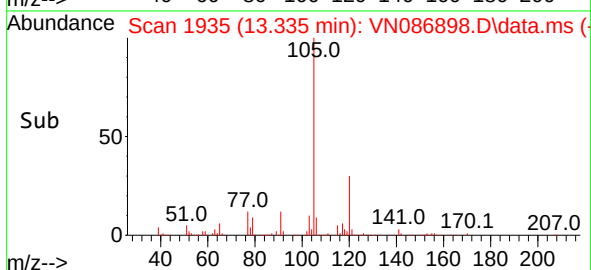
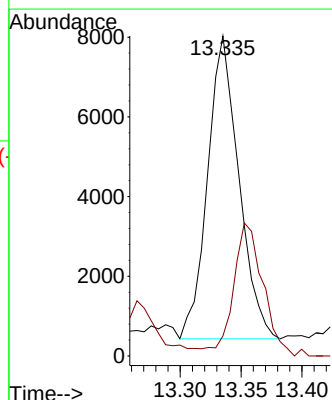
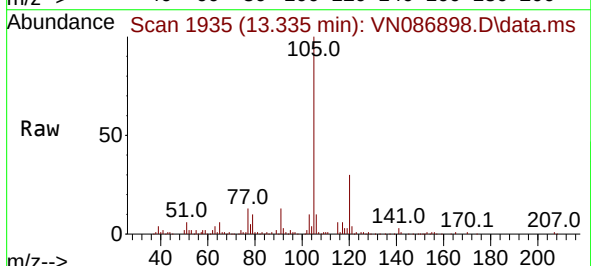
Acq: 09 Jun 2025 12:38

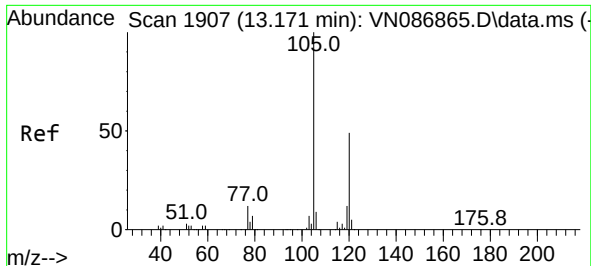
Tgt Ion: 91 Resp: 13574

Ion Ratio Lower Upper

91 100

126 41.3 16.2 48.5

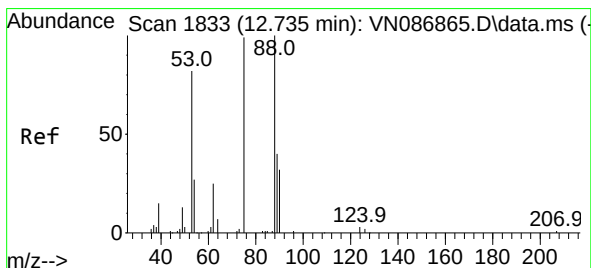
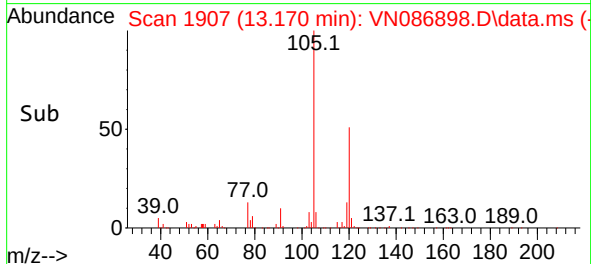
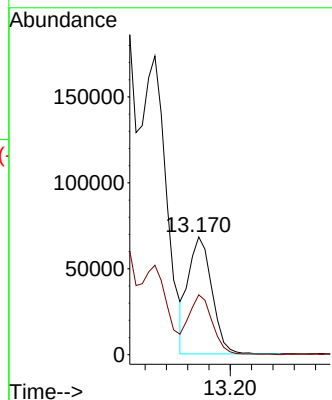
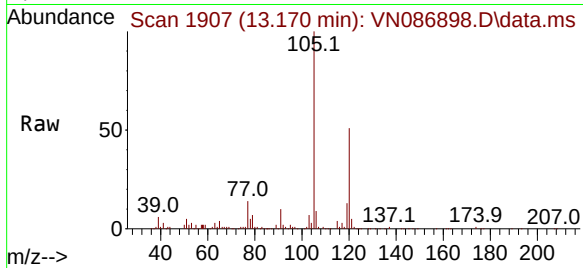




#80
 1,3,5-Trimethylbenzene
 Concen: 6.720 ug/l
 RT: 13.170 min Scan# 1907
 Delta R.T. -0.000 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

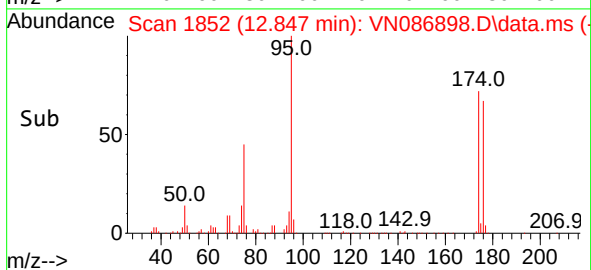
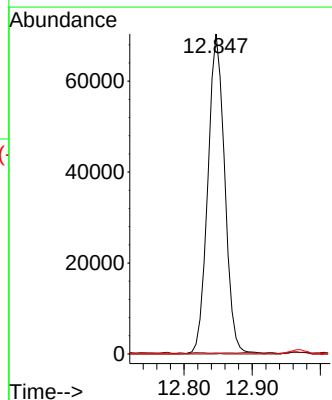
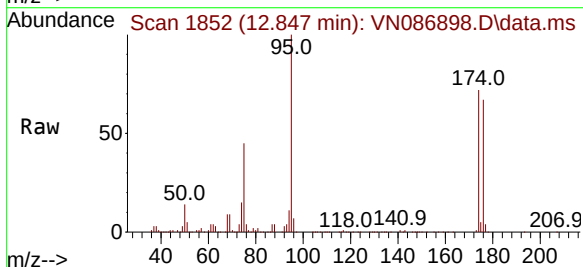
Instrument :
 MSVOA_N
 ClientSampleId :

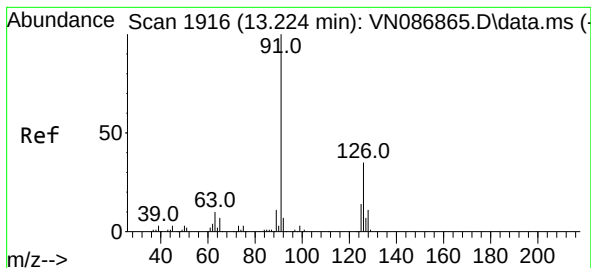
Tgt Ion:105 Resp: 104344
 Ion Ratio Lower Upper
 105 100
 120 51.8 24.9 74.6



#81
 trans-1,4-Dichloro-2-butene
 Concen: 45.543 ug/l
 RT: 12.847 min Scan# 1852
 Delta R.T. 0.112 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

Tgt Ion: 75 Resp: 121417
 Ion Ratio Lower Upper
 75 100
 53 0.0 66.6 99.8#
 89 0.0 36.7 55.1#





#82

4-Chlorotoluene

Concen: 0.979 ug/l

RT: 13.335 min Scan# 1916

Delta R.T. 0.112 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Instrument :

MSVOA_N

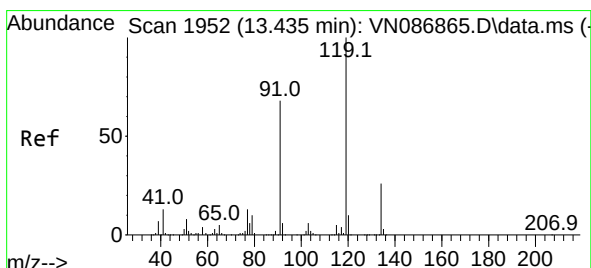
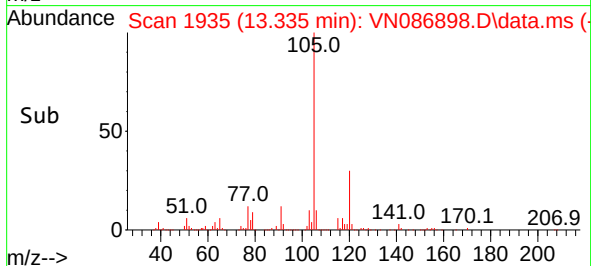
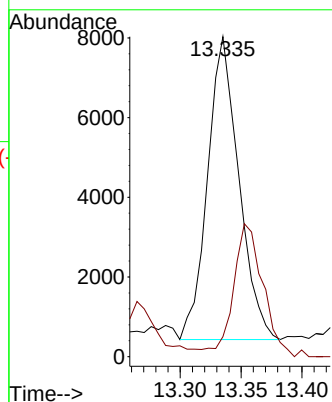
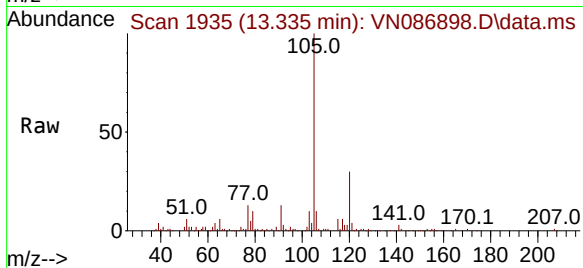
ClientSampleId :

Tgt Ion: 91 Resp: 13574

Ion Ratio Lower Upper

91 100

126 41.7 16.7 50.1



#83

tert-Butylbenzene

Concen: 3.641 ug/l

RT: 13.476 min Scan# 1959

Delta R.T. 0.041 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

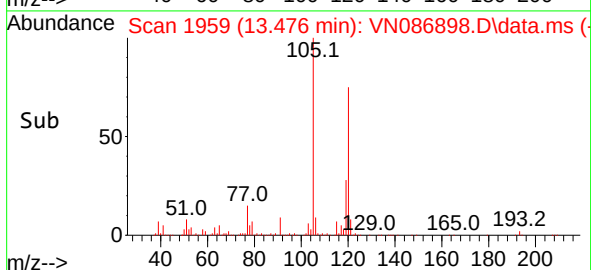
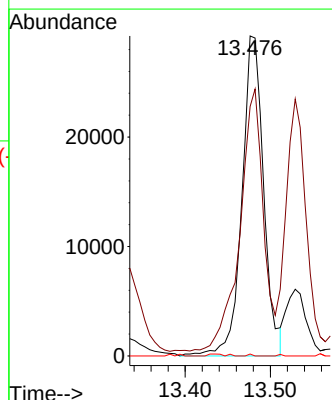
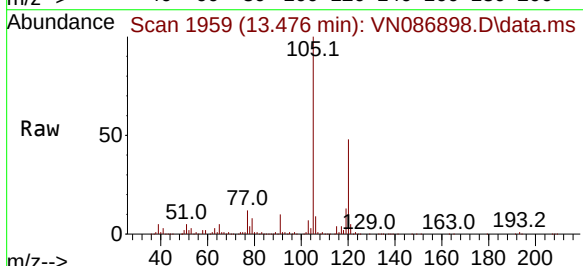
Tgt Ion: 119 Resp: 51751

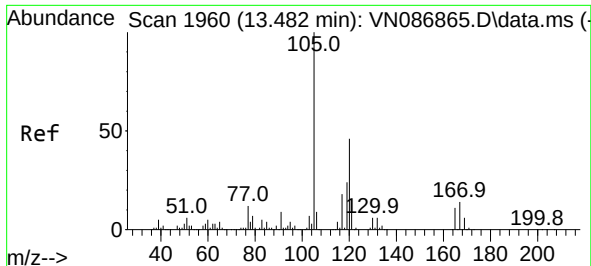
Ion Ratio Lower Upper

119 100

91 88.6 32.1 96.5

134 0.0 13.4 40.1#

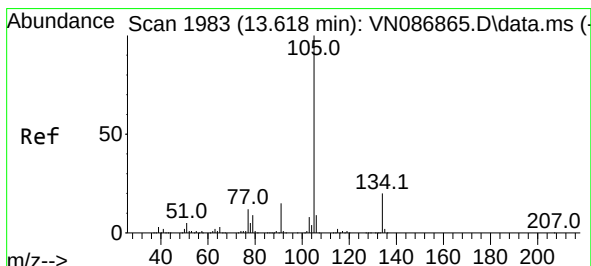
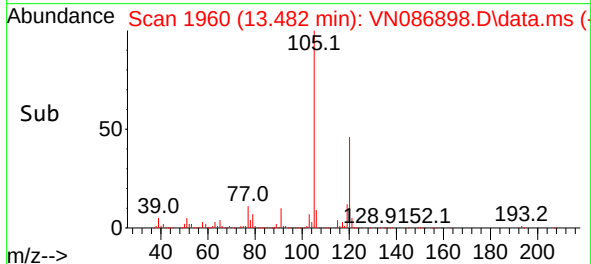
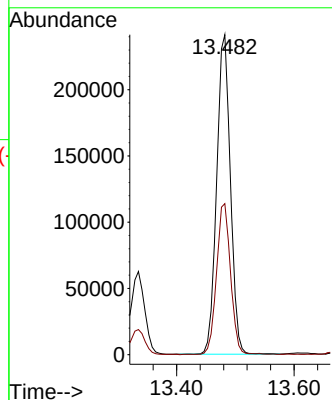
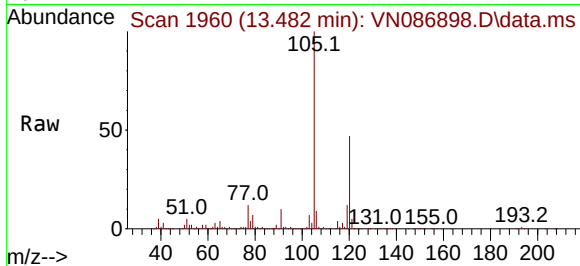




#84
 1,2,4-Trimethylbenzene
 Concen: 25.148 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.000 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

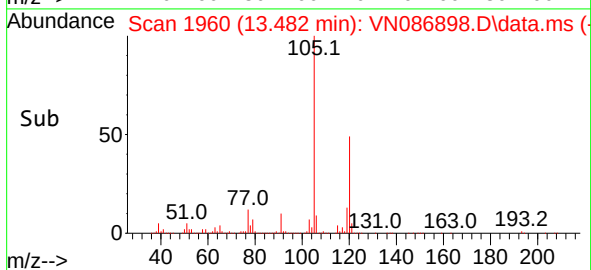
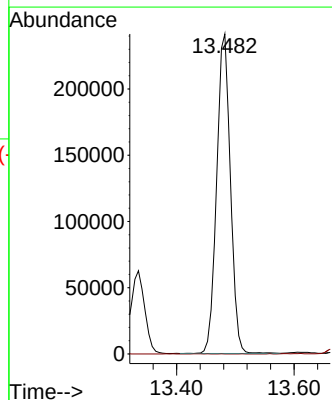
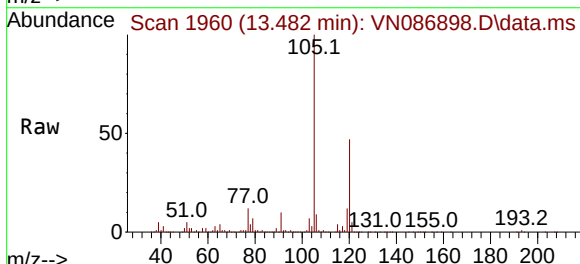
Instrument :
 MSVOA_N
 ClientSampleId :

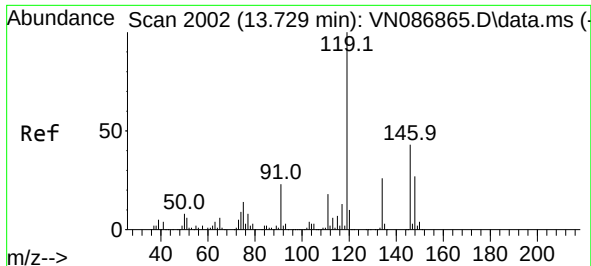
Tgt Ion:105 Resp: 391582
 Ion Ratio Lower Upper
 105 100
 120 48.1 23.2 69.6



#85
 sec-Butylbenzene
 Concen: 18.970 ug/l
 RT: 13.482 min Scan# 1960
 Delta R.T. -0.136 min
 Lab File: VN086898.D
 Acq: 09 Jun 2025 12:38

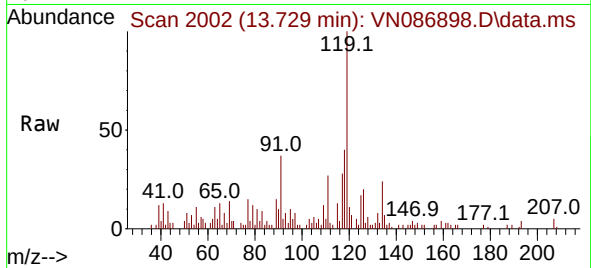
Tgt Ion:105 Resp: 391582
 Ion Ratio Lower Upper
 105 100
 134 0.0 10.0 30.0#



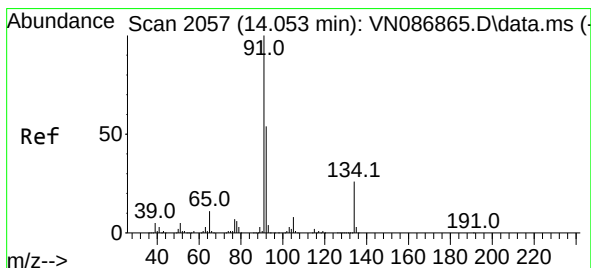
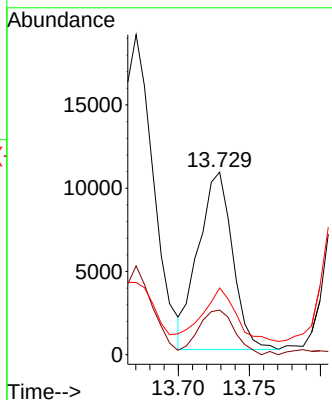
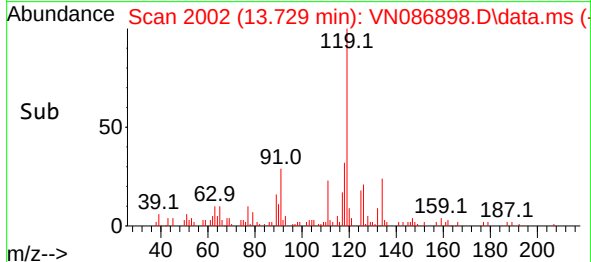


#86
p-Isopropyltoluene
Concen: 1.046 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38

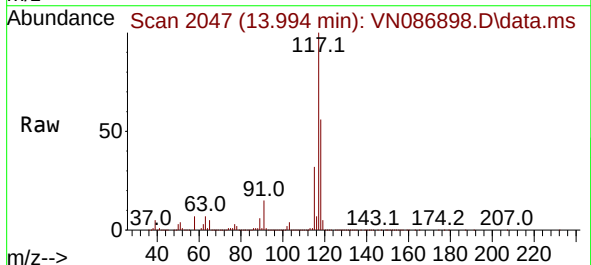
Instrument :
MSVOA_N
ClientSampleId :



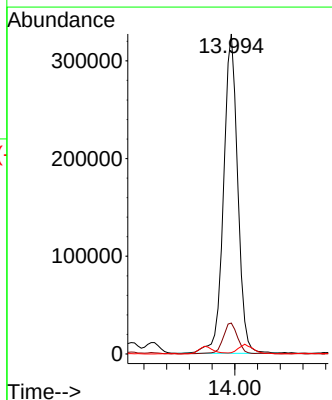
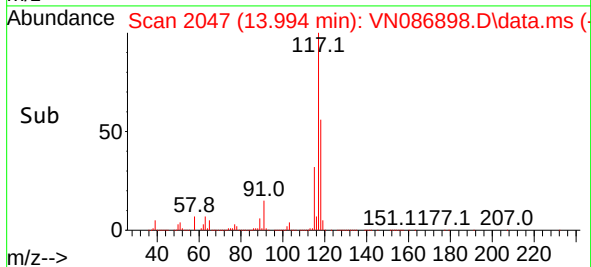
Tgt Ion:119 Resp: 17849
Ion Ratio Lower Upper
119 100
134 26.9 13.5 40.4
91 0.0 11.5 34.4#

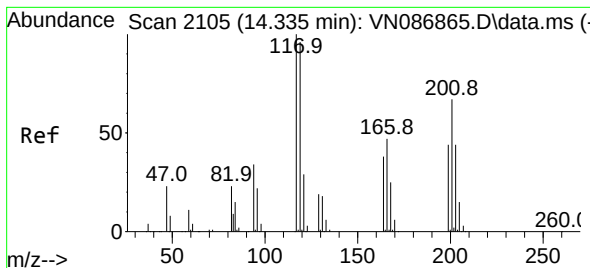


#89
n-Butylbenzene
Concen: 34.462 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN086898.D
Acq: 09 Jun 2025 12:38



Tgt Ion: 91 Resp: 569590
Ion Ratio Lower Upper
91 100
92 9.9 27.5 82.4#
134 0.0 13.0 39.0#





#90

Hexachloroethane

Concen: 2.598 ug/l

RT: 14.264 min Scan# 20

Delta R.T. -0.071 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Instrument :

MSVOA_N

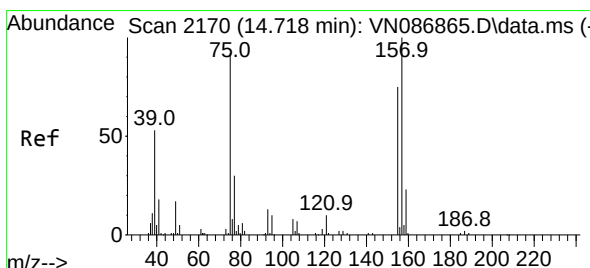
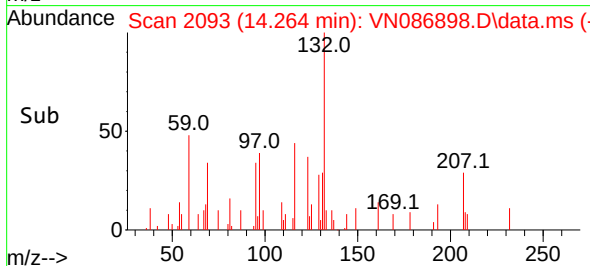
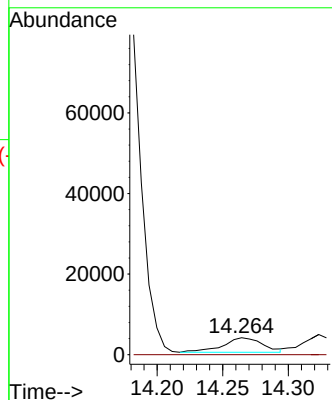
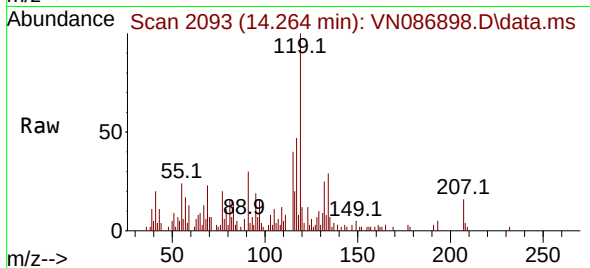
ClientSampleId :

Tgt Ion:117 Resp: 7515

Ion Ratio Lower Upper

117 100

201 0.0 33.2 99.6#



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.600 ug/l

RT: 14.641 min Scan# 2157

Delta R.T. -0.077 min

Lab File: VN086898.D

Acq: 09 Jun 2025 12:38

Tgt Ion: 75 Resp: 914

Ion Ratio Lower Upper

75 100

155 73.2 41.1 123.4

157 71.4 52.7 158.1

