

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060925\
 Data File : VN086900.D
 Acq On : 09 Jun 2025 13:21
 Operator : JC\MD
 Sample : Q2236-17RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Jun 10 03:31:43 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	8.235	168	440181	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	778135	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.865	117	670848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.788	152	315094	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.588	65	252339	42.816	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	85.640%
35) Dibromofluoromethane	8.177	113	146751	31.823	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	63.640%#
50) Toluene-d8	10.565	98	923534	50.590	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	101.180%
62) 4-Bromofluorobenzene	12.847	95	323959	47.765	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	95.520%

Target Compounds					Qvalue	
8) Diethyl Ether	3.983	74	84139	25.282	ug/l	93
11) Tert butyl alcohol	5.542	59	1250	0.782	ug/l #	73
16) Acetone	4.442	43	140182	44.853	ug/l	100
20) Methylene Chloride	5.306	84	6945	1.187	ug/l	91
25) 2-Butanone	7.500	43	14783	2.910	ug/l #	86
29) Tetrahydrofuran	7.847	42	1154	0.349	ug/l #	82
31) Cyclohexane	8.230	56	7385	0.773	ug/l #	1
36) 1,1-Dichloropropene	8.235	75	31973	4.653	ug/l #	48
37) Ethyl Acetate	7.500	43	14783	1.690	ug/l #	74
38) Carbon Tetrachloride	8.230	117	40878	6.059	ug/l #	17
40) Benzene	8.612	78	1148530	51.114	ug/l	100
42) 1,2-Dichloroethane	8.612	62	8458	1.241	ug/l #	72
48) Methyl methacrylate	9.665	41	1903	0.294	ug/l #	19
51) 4-Methyl-2-Pentanone	10.459	43	4403	0.521	ug/l	97
52) Toluene	10.629	92	467084	34.014	ug/l	100
53) t-1,3-Dichloropropene	10.624	75	4597	0.550	ug/l #	1
55) 1,1,2-Trichloroethane	10.888	97	6933	1.312	ug/l #	17
59) 2-Hexanone	11.176	43	14602	2.682	ug/l #	20
65) Chlorobenzene	12.035	112	3006	0.203	ug/l #	42
67) Ethyl Benzene	11.965	91	2299298	90.220	ug/l	99
68) m/p-Xylenes	12.065	106	419226	42.972	ug/l	98
69) o-Xylene	12.394	106	297633	31.854	ug/l	97
70) Styrene	12.406	104	58123	3.635	ug/l #	29
71) Bromoform	12.853	173	1502	0.426	ug/l #	1
73) Isopropylbenzene	12.694	105	108193	4.713	ug/l	100
76) 1,2,3-Trichloropropane	12.847	75	145666	19.448	ug/l #	1
78) n-propylbenzene	13.035	91	24877	0.892	ug/l	98
79) 2-Chlorotoluene	13.094	91	47283	2.826	ug/l #	46
80) 1,3,5-Trimethylbenzene	13.170	105	90895	4.796	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.847	75	145666	44.769	ug/l #	16
82) 4-Chlorotoluene	13.170	91	8218	0.485	ug/l #	41
83) tert-Butylbenzene	13.482	119	45047	2.597	ug/l #	66
84) 1,2,4-Trimethylbenzene	13.482	105	340049	17.893	ug/l	99
85) sec-Butylbenzene	13.482	105	340049	13.498	ug/l #	56
86) p-Isopropyltoluene	13.729	119	15525	0.745	ug/l #	76
89) n-Butylbenzene	13.994	91	505736	25.071	ug/l #	41

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ALS Vial : 14 Sample Multiplier: 1

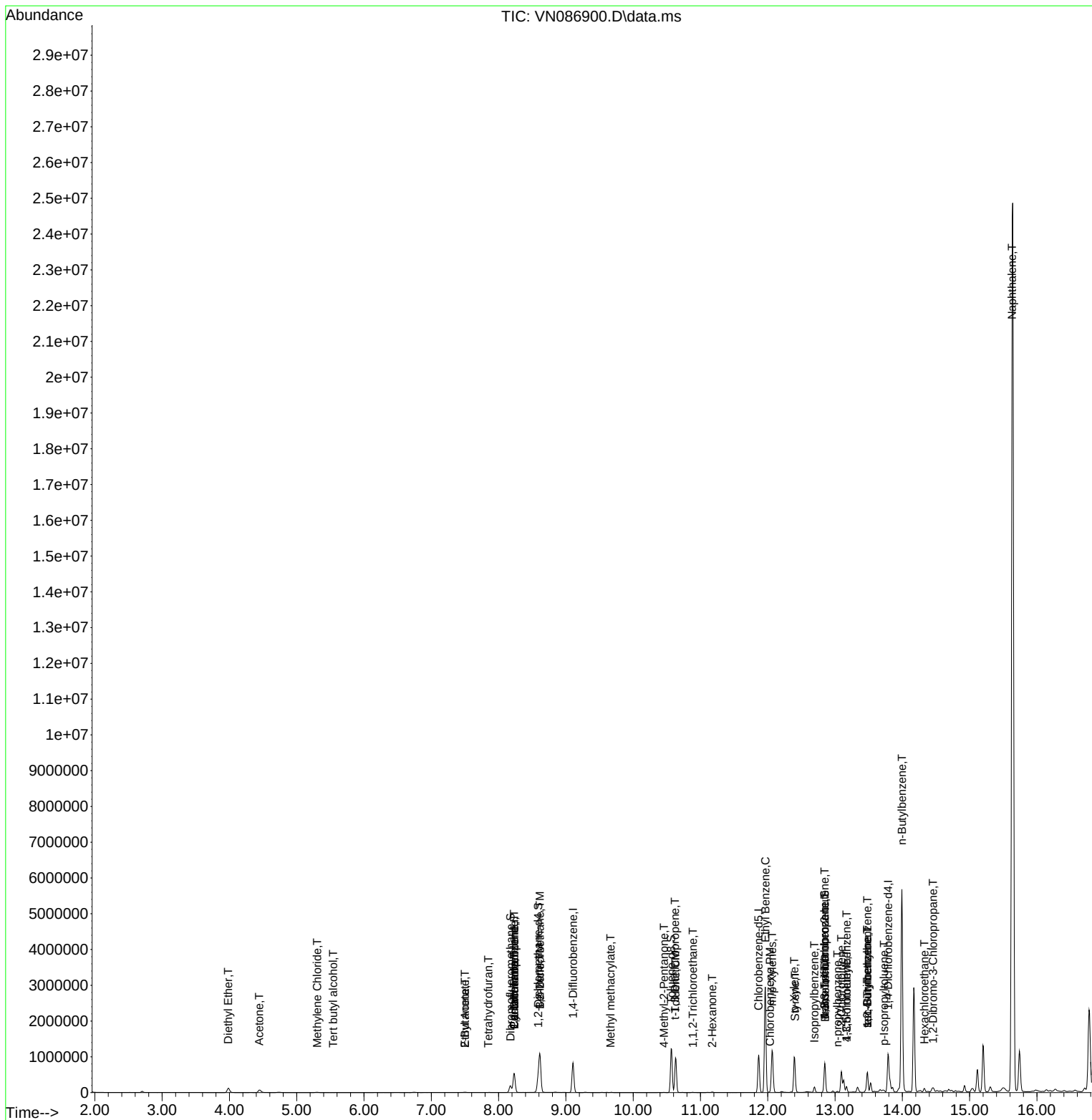
Instrument :
MSVOA_N
ClientSampleId :

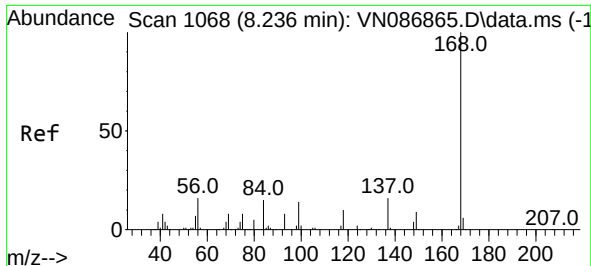
Quant Time: Jun 10 03:31:43 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060625W.M
Quant Title : SW846 8260
QLast Update : Sat Jun 07 02:12:50 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	14.329	117	5224	1.480	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.459	75	1521	0.818	ug/l	70
95) Naphthalene	15.629	128	21764312	920.202	ug/l #	91

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

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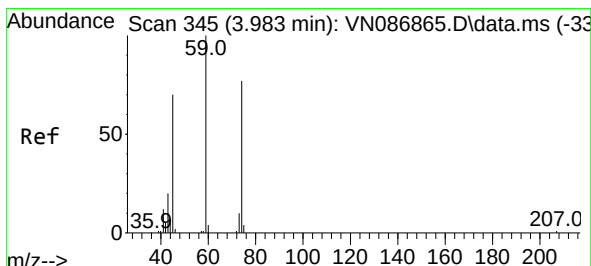
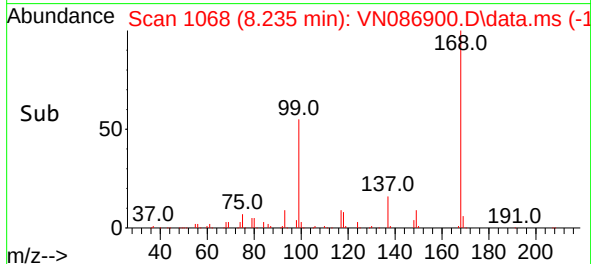
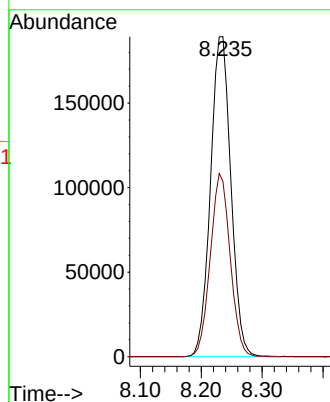
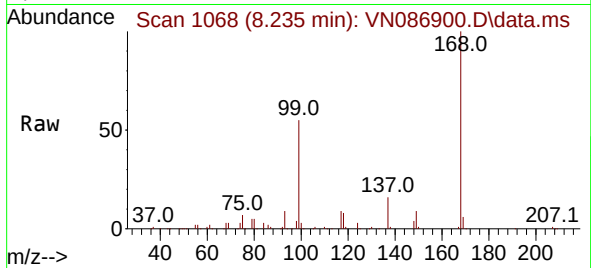




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.001 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

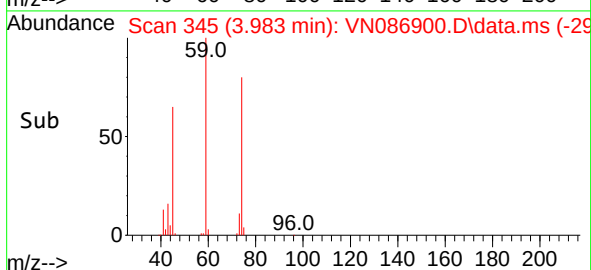
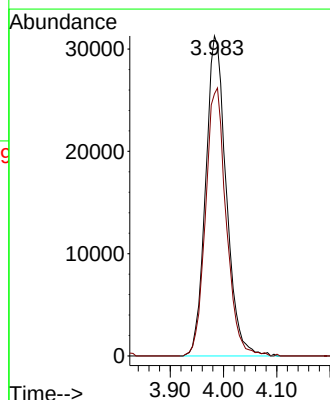
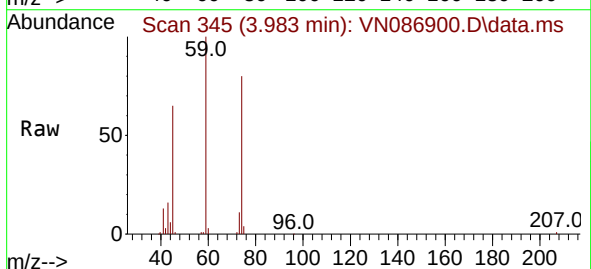
Instrument :
MSVOA_N
ClientSampleId :

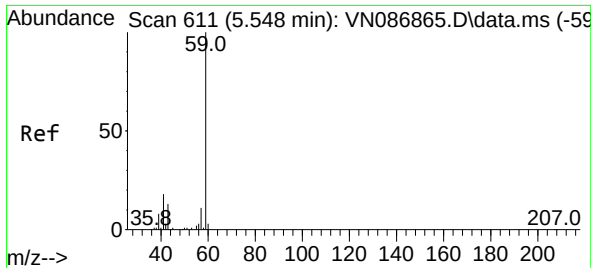
Tgt Ion:168 Resp: 440181
Ion Ratio Lower Upper
168 100
99 54.8 49.1 73.7



#8
Diethyl Ether
Concen: 25.282 ug/l
RT: 3.983 min Scan# 345
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

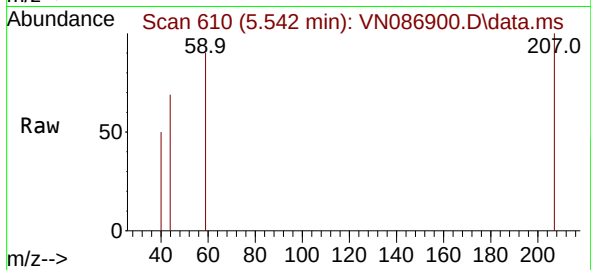
Tgt Ion: 74 Resp: 84139
Ion Ratio Lower Upper
74 100
45 83.9 45.5 136.5



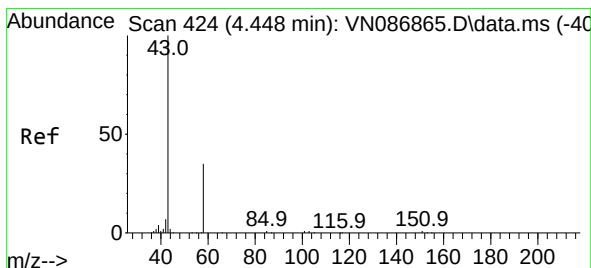
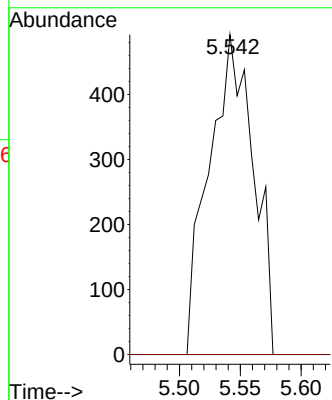
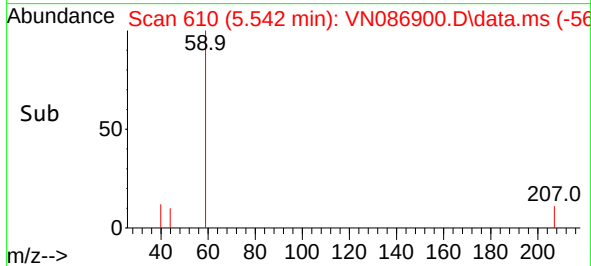


#11
Tert butyl alcohol
Concen: 0.782 ug/l
RT: 5.542 min Scan# 611
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

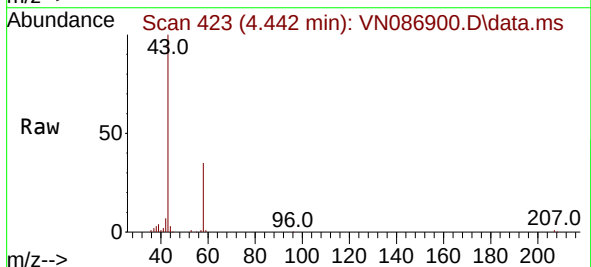
Instrument :
MSVOA_N
ClientSampleId :



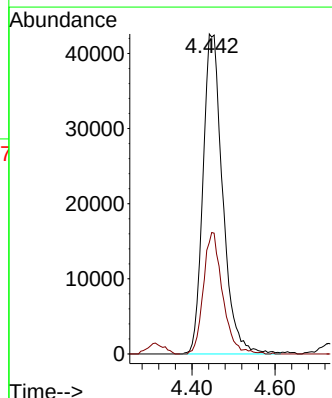
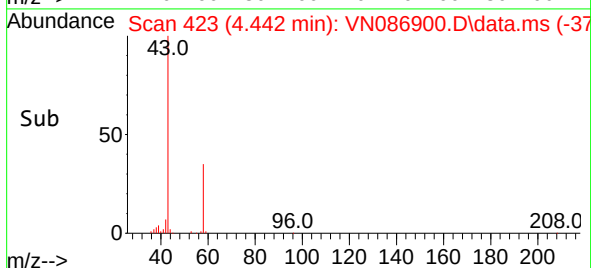
Tgt Ion: 59 Resp: 1250
Ion Ratio Lower Upper
59 100
57 0.0 8.1 12.1#

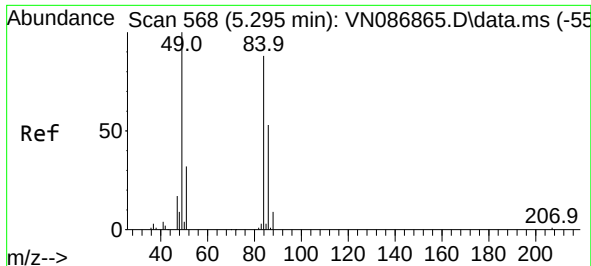


#16
Acetone
Concen: 44.853 ug/l
RT: 4.442 min Scan# 423
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21



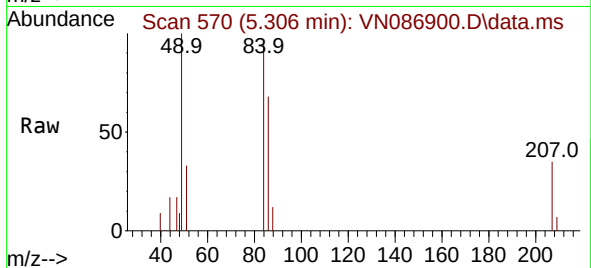
Tgt Ion: 43 Resp: 140182
Ion Ratio Lower Upper
43 100
58 34.9 28.0 42.0



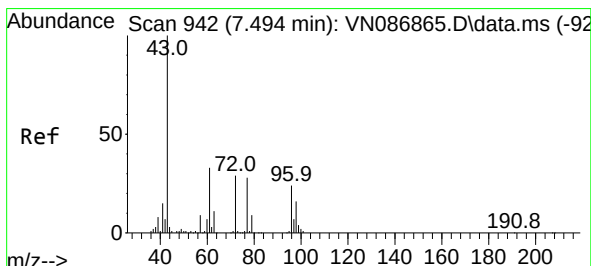
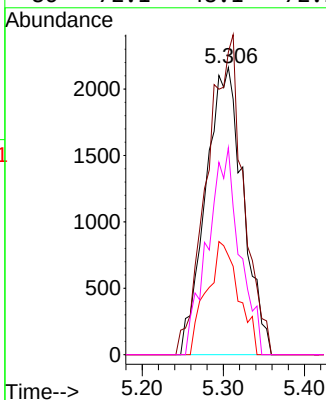
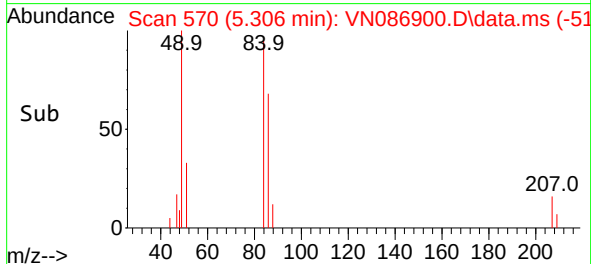


#20
Methylene Chloride
Concen: 1.187 ug/l
RT: 5.306 min Scan# 51
Delta R.T. 0.012 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :

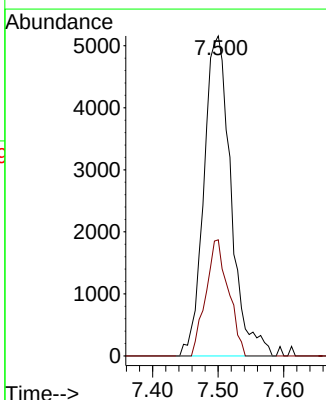
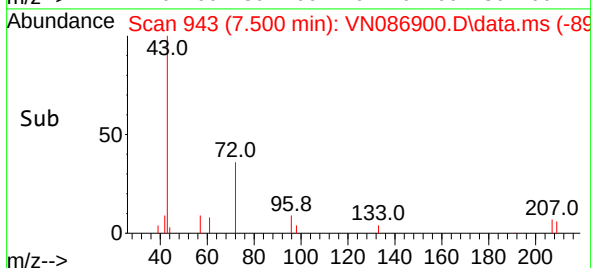
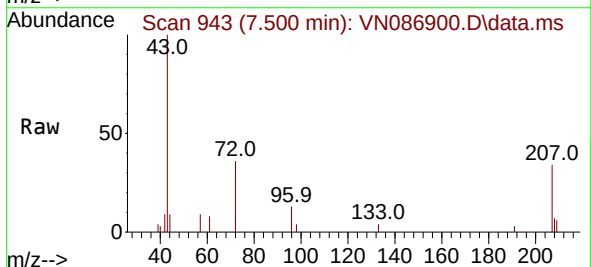


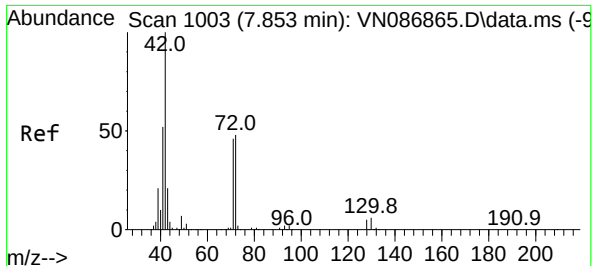
Tgt Ion:	84	Resp:	6945
Ion	Ratio	Lower	Upper
84	100		
49	105.4	90.5	135.7
51	34.5	28.5	42.7
86	72.1	48.1	72.1



#25
2-Butanone
Concen: 2.910 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion:	43	Resp:	14783
Ion	Ratio	Lower	Upper
43	100		
72	36.3	23.0	34.6





#29

Tetrahydrofuran

Concen: 0.349 ug/l

RT: 7.847 min Scan# 10

Delta R.T. -0.006 min

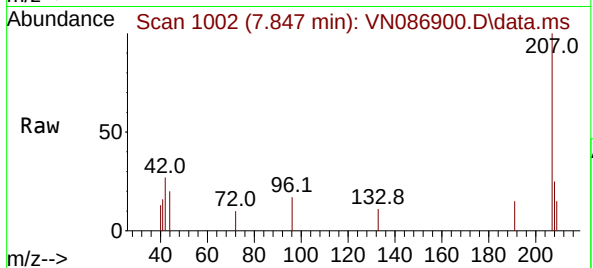
Lab File: VN086900.D

Acq: 09 Jun 2025 13:21

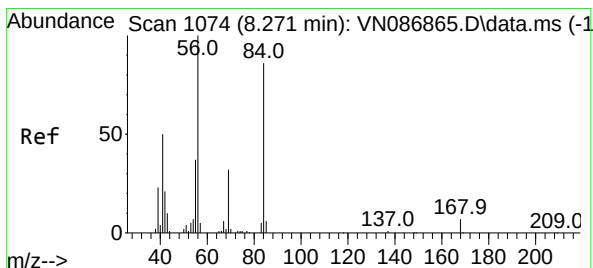
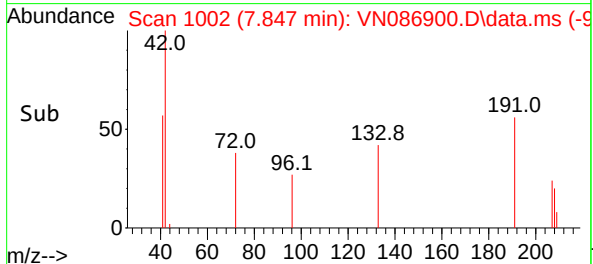
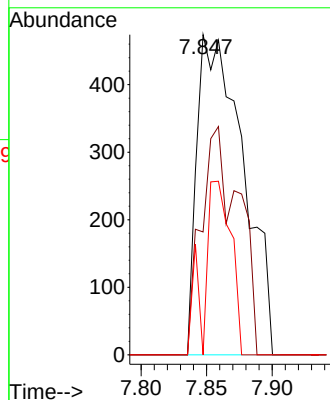
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	42	Resp:	1154
Ion Ratio	Lower	Upper	
42	100		
72	58.1	37.8	56.6#
71	31.9	35.6	53.4#



#31

Cyclohexane

Concen: 0.773 ug/l

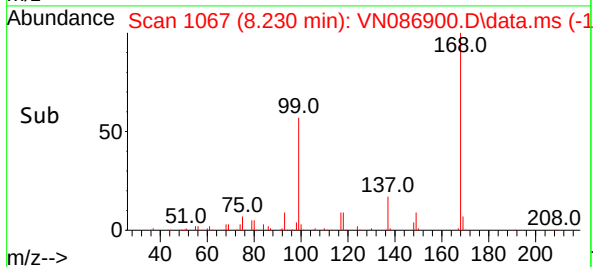
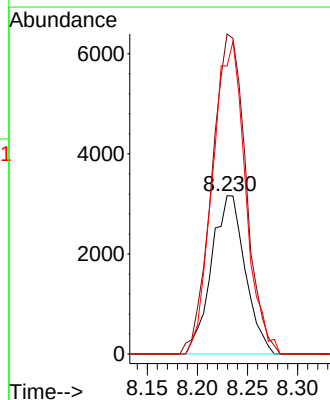
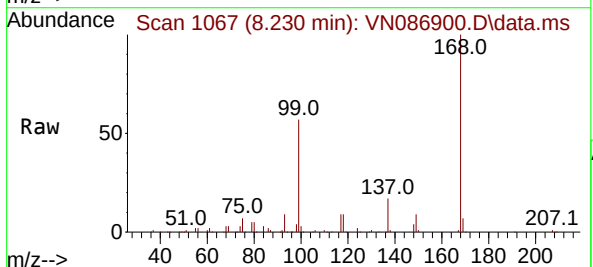
RT: 8.230 min Scan# 1067

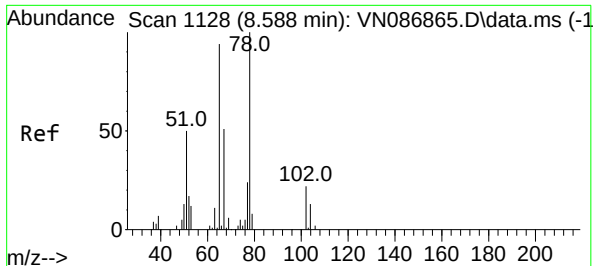
Delta R.T. -0.041 min

Lab File: VN086900.D

Acq: 09 Jun 2025 13:21

Tgt Ion:	56	Resp:	7385
Ion Ratio	Lower	Upper	
56	100		
69	202.2	25.4	38.0#
84	182.0	68.8	103.2#





#33

1,2-Dichloroethane-d4

Concen: 42.816 ug/l

RT: 8.588 min Scan# 1128

Delta R.T. -0.000 min

Lab File: VN086900.D

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Instrument :

MSVOA_N

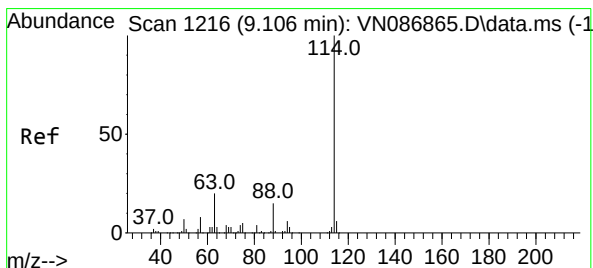
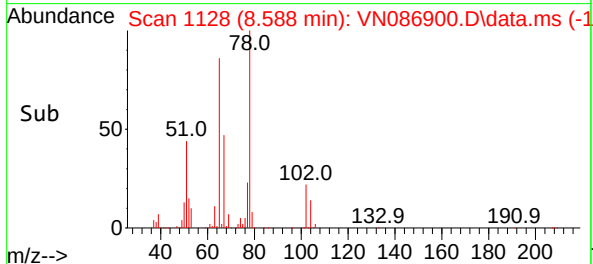
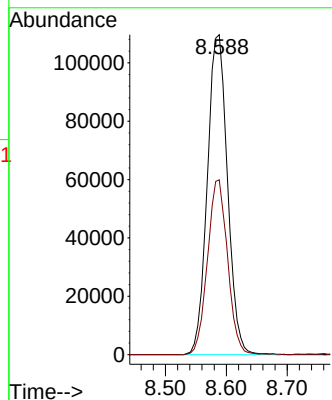
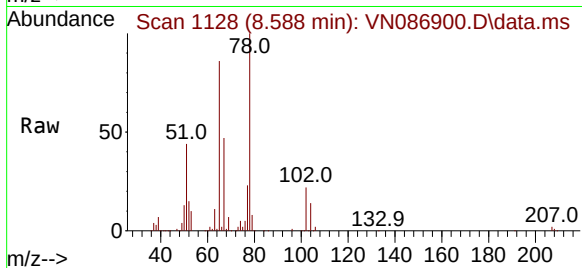
ClientSampleId :

Tgt Ion: 65 Resp: 252339

Ion Ratio Lower Upper

65 100

67 54.4 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.106 min Scan# 1216

Delta R.T. -0.000 min

Lab File: VN086900.D

Acq: 09 Jun 2025 13:21

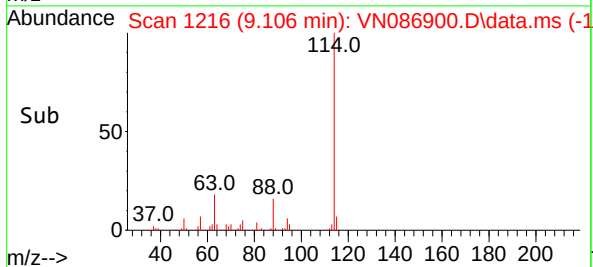
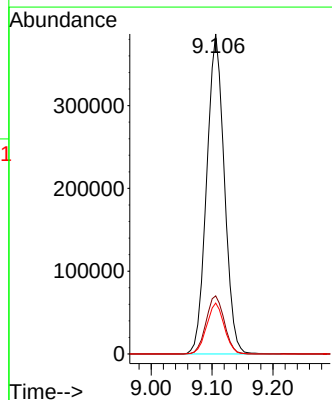
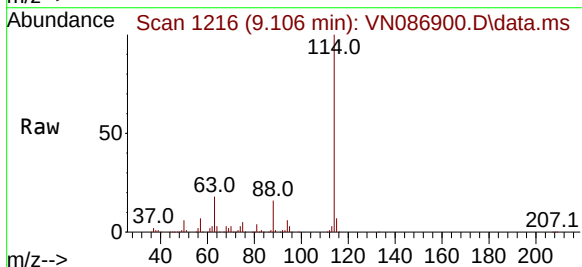
Tgt Ion: 114 Resp: 778135

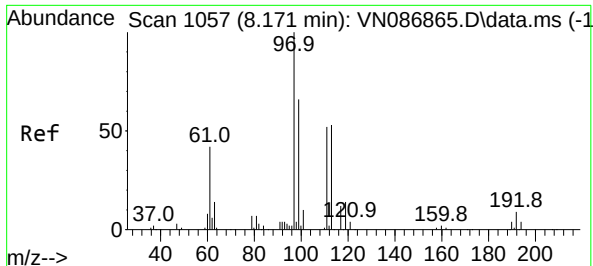
Ion Ratio Lower Upper

114 100

63 18.2 0.0 39.6

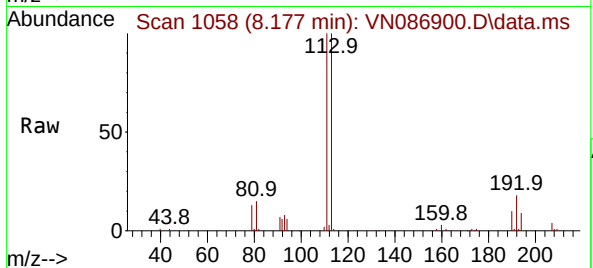
88 15.9 0.0 30.2



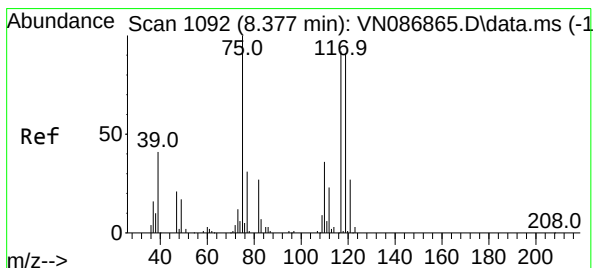
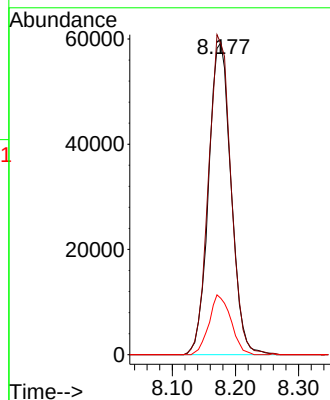
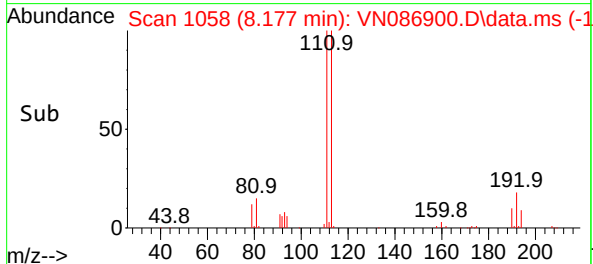


#35
Dibromofluoromethane
Concen: 31.823 ug/l
RT: 8.177 min Scan# 1057
Delta R.T. 0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :

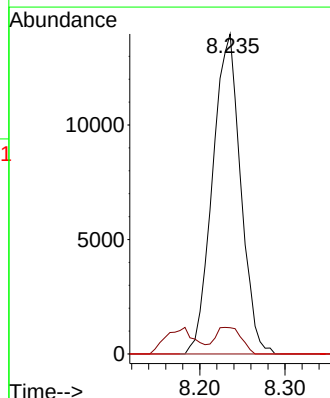
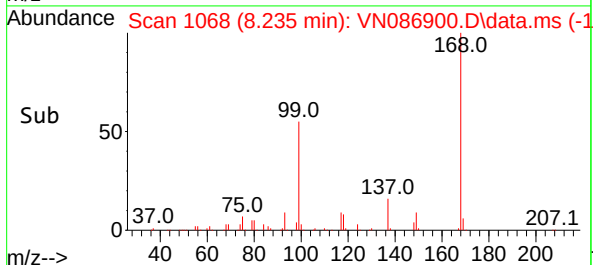
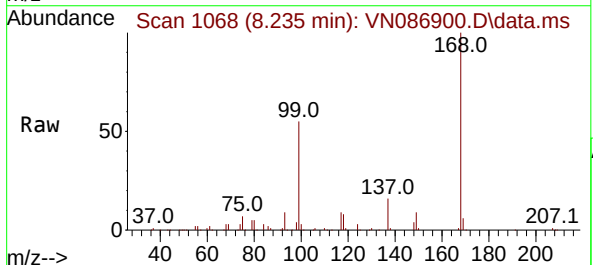


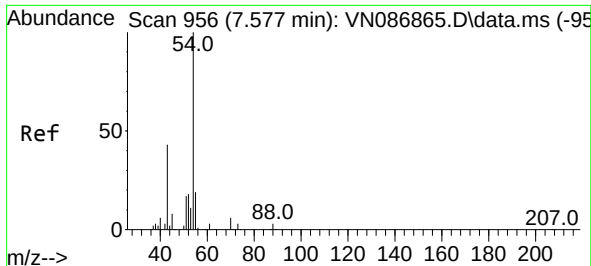
Tgt Ion:113 Resp: 146751
Ion Ratio Lower Upper
113 100
111 102.1 84.2 126.2
192 18.6 14.2 21.4



#36
1,1-Dichloropropene
Concen: 4.653 ug/l
RT: 8.235 min Scan# 1068
Delta R.T. -0.141 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 75 Resp: 31973
Ion Ratio Lower Upper
75 100
110 7.9 17.6 52.9#
77 0.0 25.3 37.9#

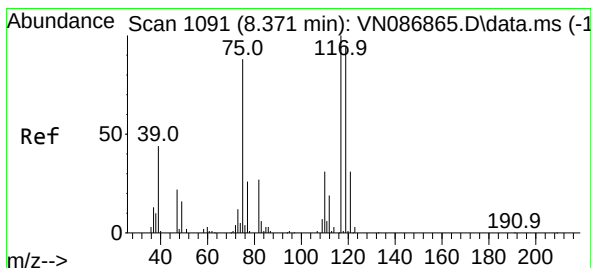
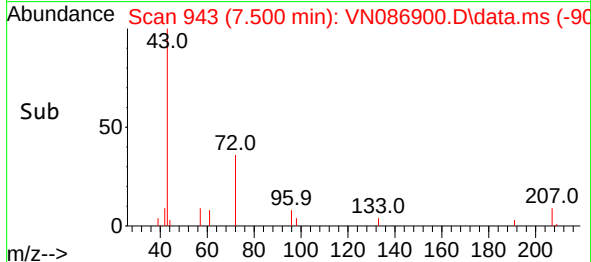
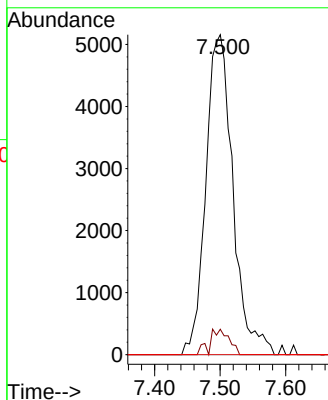
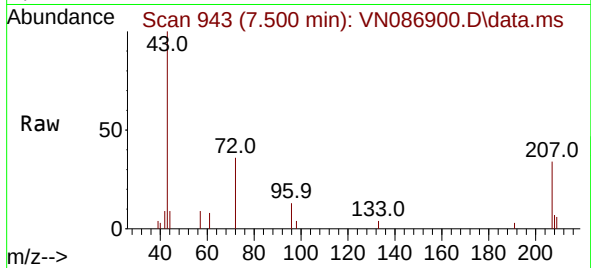




#37
Ethyl Acetate
Concen: 1.690 ug/l
RT: 7.500 min Scan# 943
Delta R.T. -0.077 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

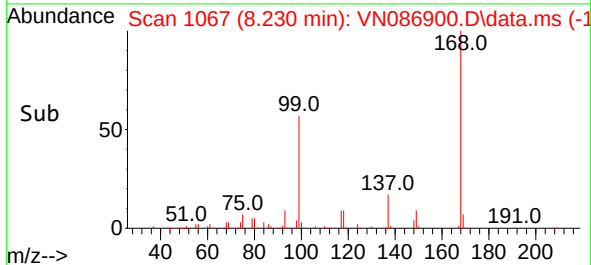
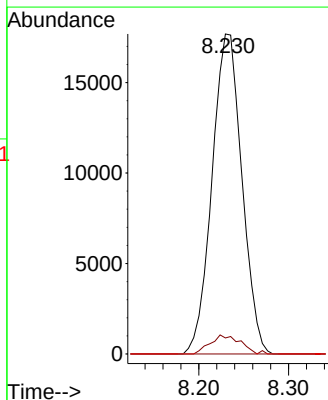
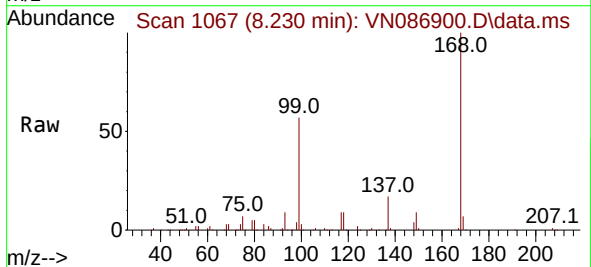
Instrument :
MSVOA_N
ClientSampleId :

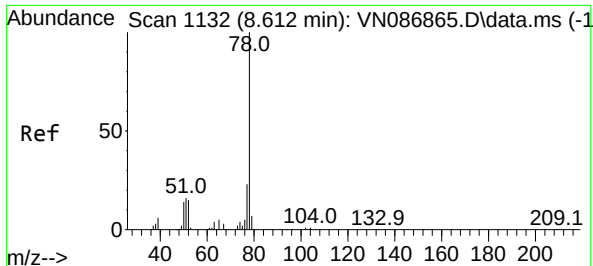
Tgt Ion: 43 Resp: 14783
Ion Ratio Lower Upper
43 100
61 5.7 12.1 18.1#
70 0.0 9.8 14.6#



#38
Carbon Tetrachloride
Concen: 6.059 ug/l
RT: 8.230 min Scan# 1067
Delta R.T. -0.141 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 117 Resp: 40878
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 24.9 37.3#

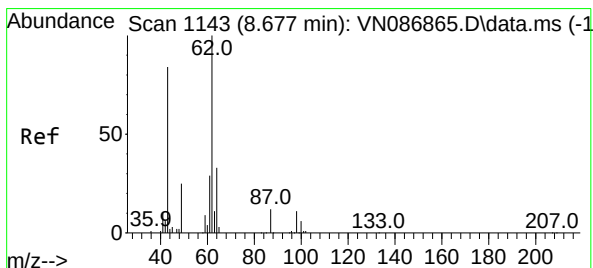
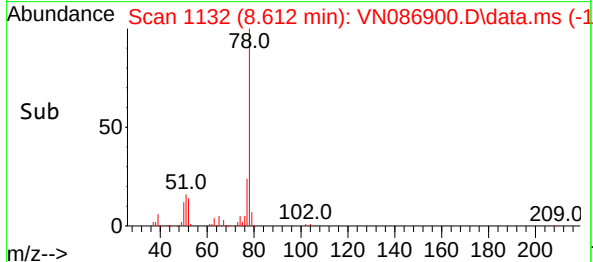
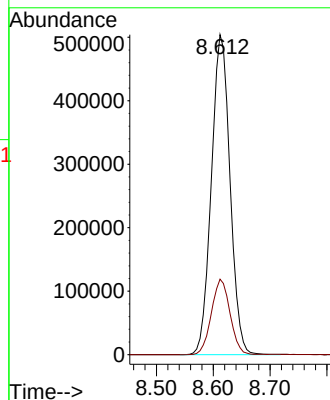
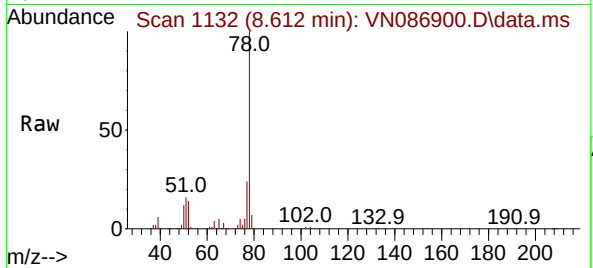




#40
Benzene
Concen: 51.114 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

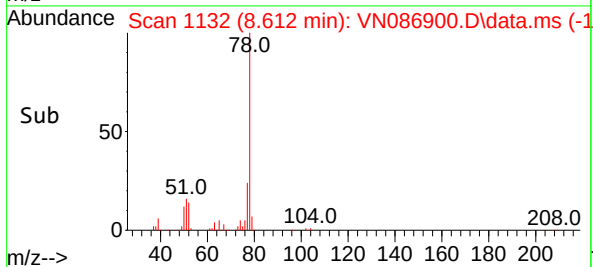
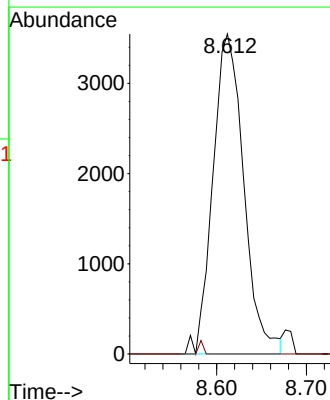
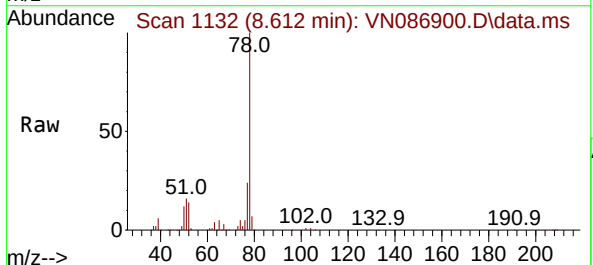
Instrument :
MSVOA_N
ClientSampleId :

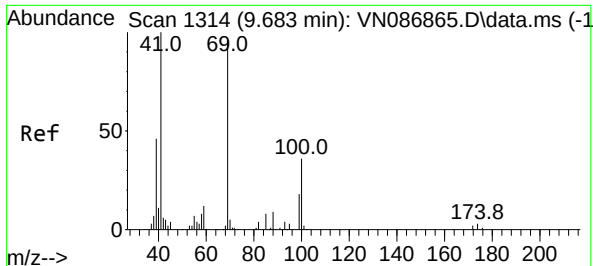
Tgt Ion: 78 Resp: 1148530
Ion Ratio Lower Upper
78 100
77 23.6 18.7 28.1



#42
1,2-Dichloroethane
Concen: 1.241 ug/l
RT: 8.612 min Scan# 1132
Delta R.T. -0.065 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

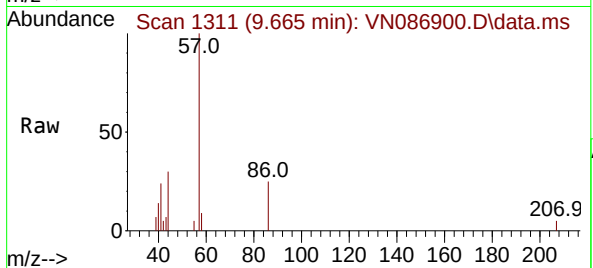
Tgt Ion: 62 Resp: 8458
Ion Ratio Lower Upper
62 100
98 0.0 0.0 21.2



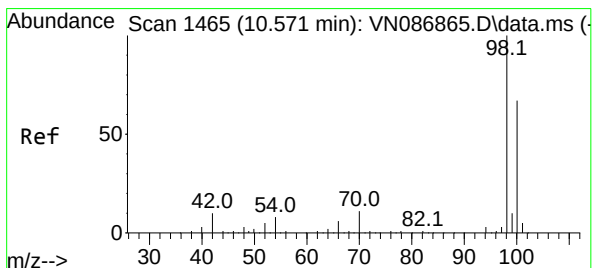
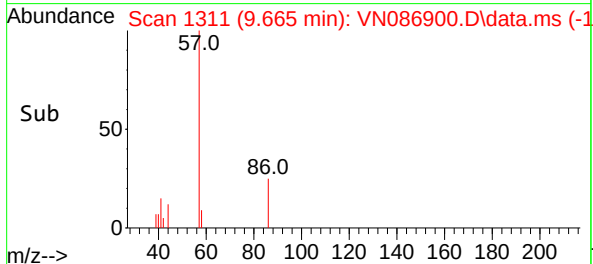
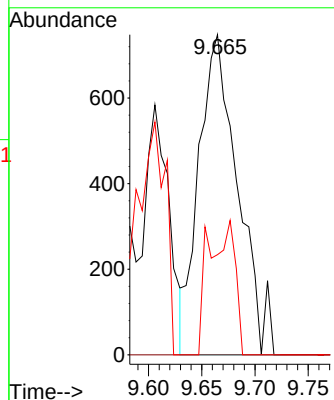


#48
Methyl methacrylate
Concen: 0.294 ug/l
RT: 9.665 min Scan# 11
Delta R.T. -0.018 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :

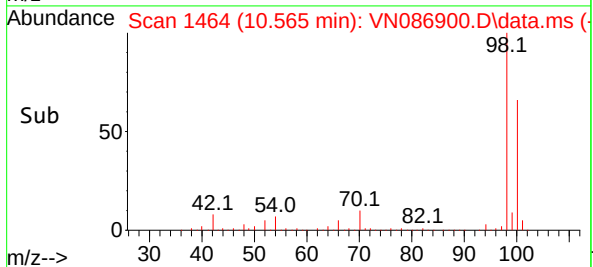
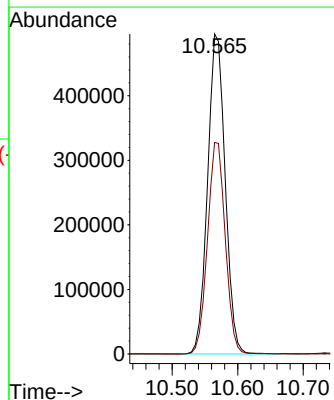
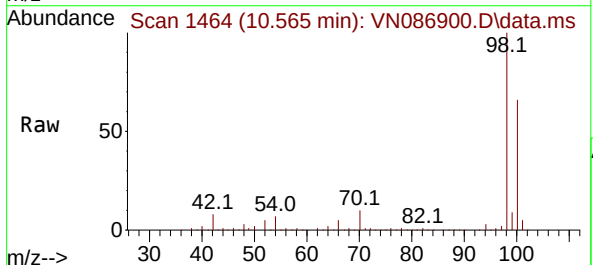


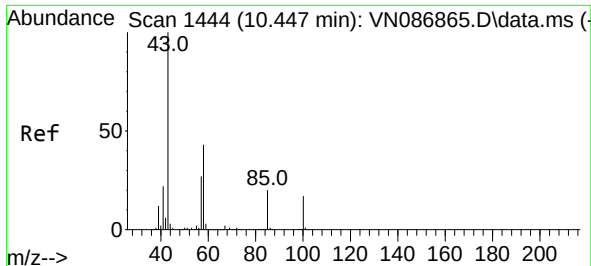
Tgt Ion: 41 Resp: 1903
Ion Ratio Lower Upper
41 100
69 0.0 74.6 112.0#
39 14.1 40.2 60.4#



#50
Toluene-d8
Concen: 50.590 ug/l
RT: 10.565 min Scan# 1464
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 98 Resp: 923534
Ion Ratio Lower Upper
98 100
100 66.8 53.4 80.0

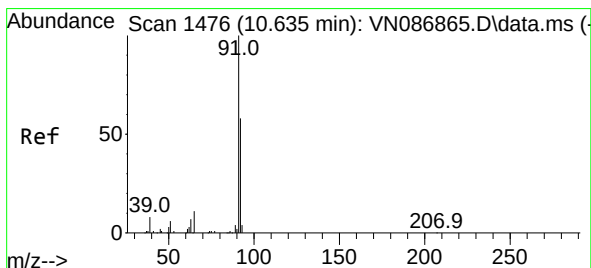
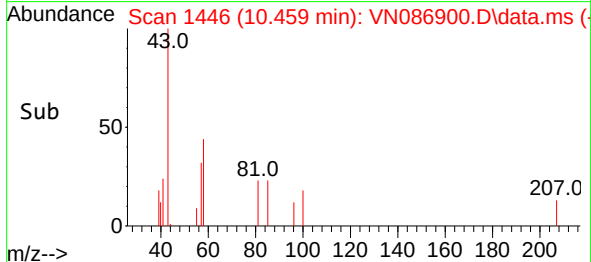
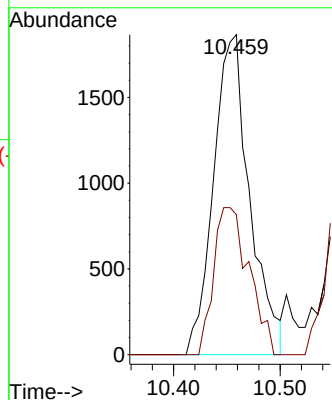
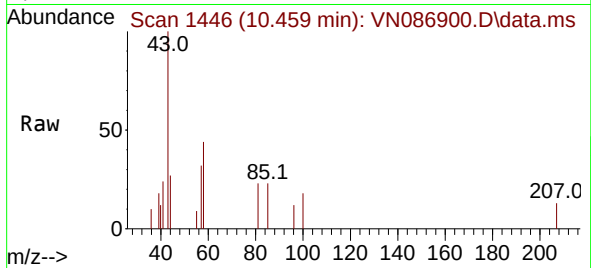




#51
4-Methyl-2-Pentanone
Concen: 0.521 ug/l
RT: 10.459 min Scan# 1446
Delta R.T. 0.012 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

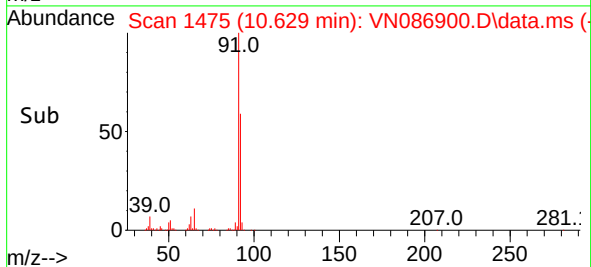
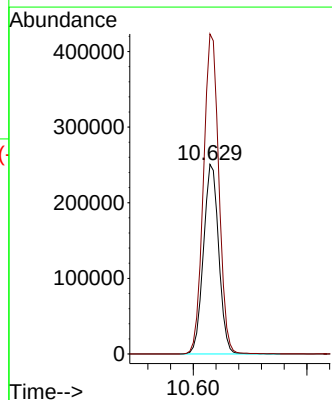
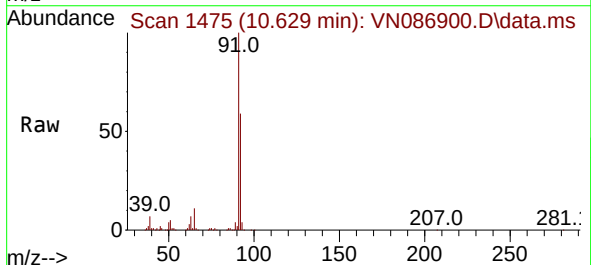
Instrument :
MSVOA_N
ClientSampleId :

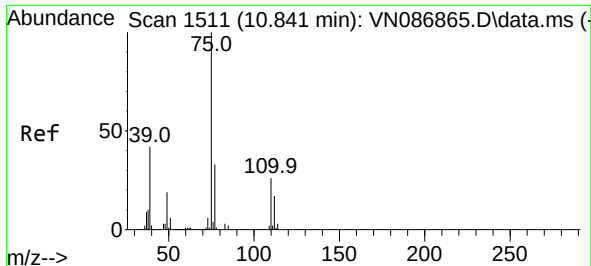
Tgt Ion: 43 Resp: 4403
Ion Ratio Lower Upper
43 100
58 44.9 34.2 51.4



#52
Toluene
Concen: 34.014 ug/l
RT: 10.629 min Scan# 1475
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 92 Resp: 467084
Ion Ratio Lower Upper
92 100
91 170.1 136.5 204.7

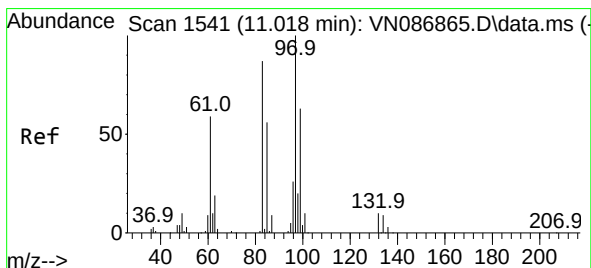
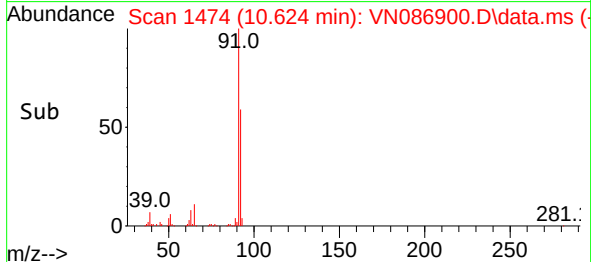
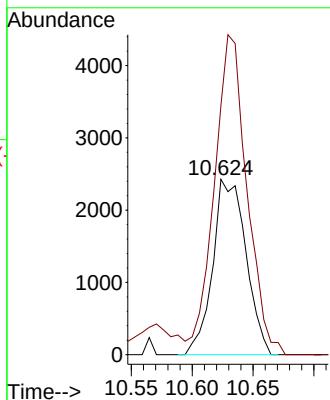
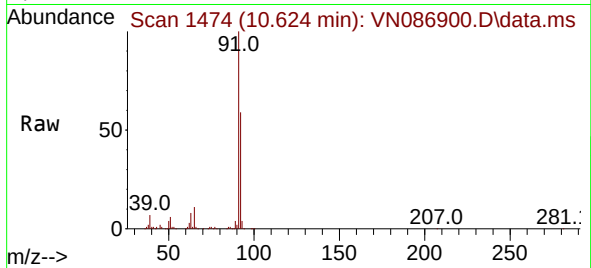




#53
t-1,3-Dichloropropene
Concen: 0.550 ug/l
RT: 10.624 min Scan# 14
Delta R.T. -0.218 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

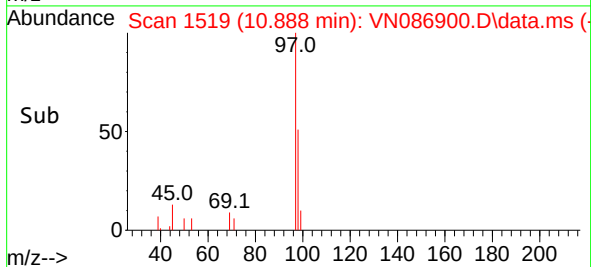
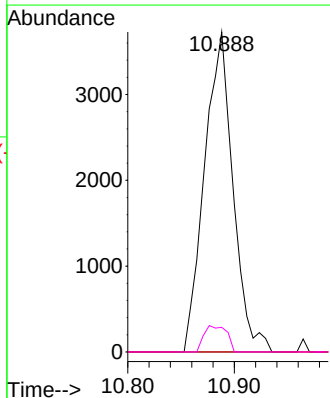
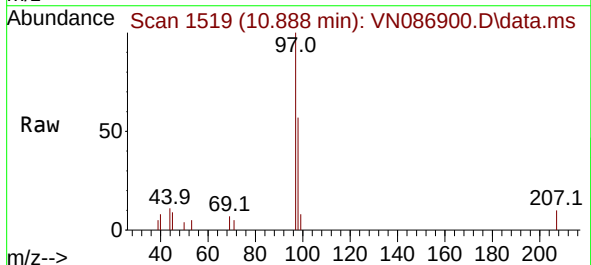
Instrument :
MSVOA_N
ClientSampleId :

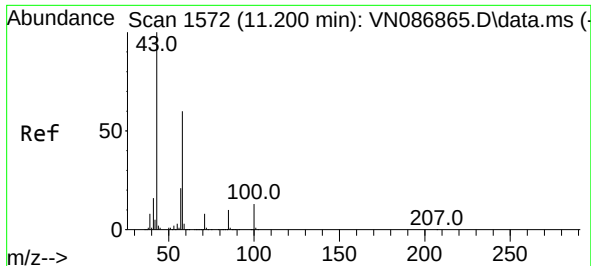
Tgt Ion: 75 Resp: 4597
Ion Ratio Lower Upper
75 100
77 135.2 26.4 39.6#



#55
1,1,2-Trichloroethane
Concen: 1.312 ug/l
RT: 10.888 min Scan# 1519
Delta R.T. -0.130 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 97 Resp: 6933
Ion Ratio Lower Upper
97 100
83 0.0 69.7 104.5#
85 0.0 45.1 67.7#
99 7.7 50.6 75.8#

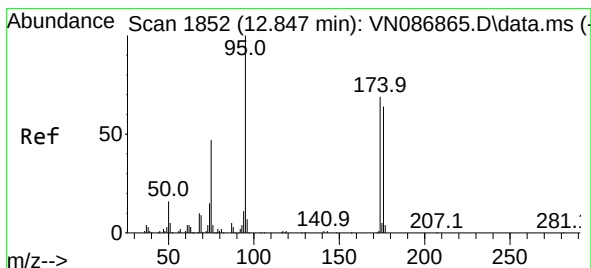
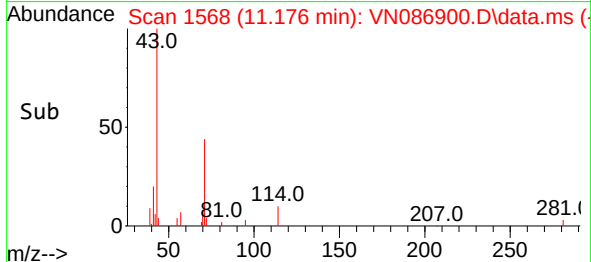
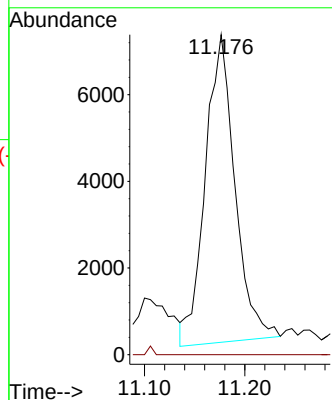
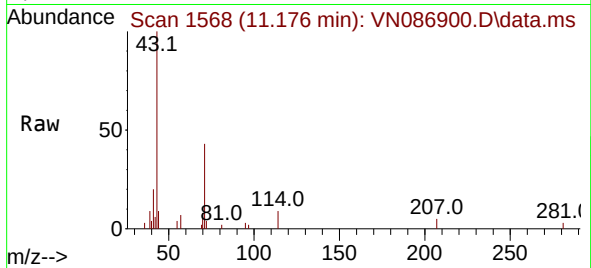




#59
2-Hexanone
Concen: 2.682 ug/l
RT: 11.176 min Scan# 1568
Delta R.T. -0.024 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

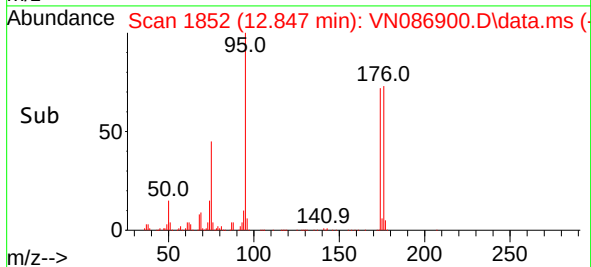
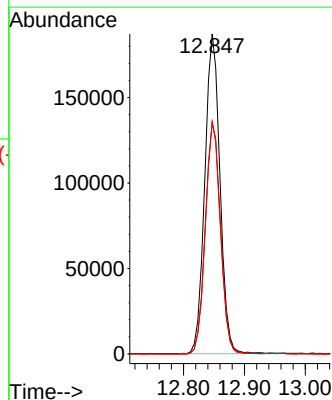
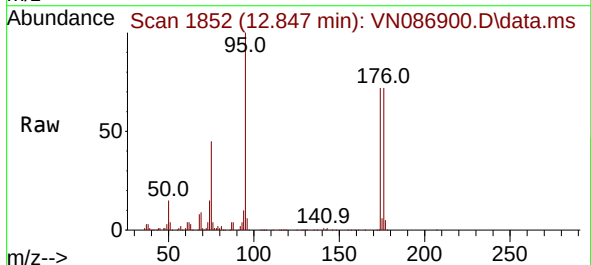
Instrument :
MSVOA_N
ClientSampleId :

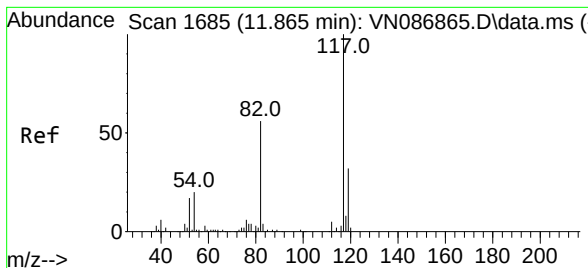
Tgt Ion: 43 Resp: 14602
Ion Ratio Lower Upper
43 100
58 0.0 30.4 91.3#



#62
4-Bromofluorobenzene
Concen: 47.765 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

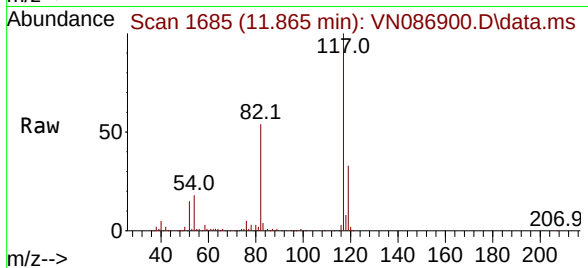
Tgt Ion: 95 Resp: 323959
Ion Ratio Lower Upper
95 100
174 73.1 0.0 141.8
176 71.3 0.0 132.6



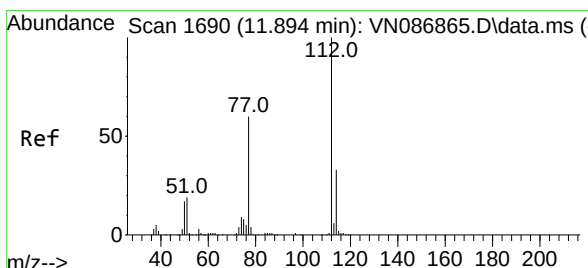
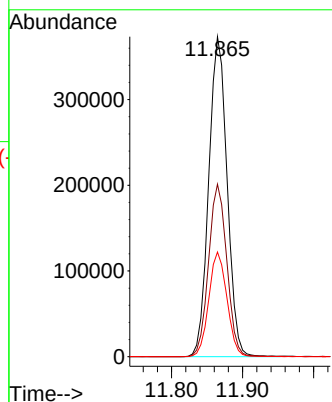
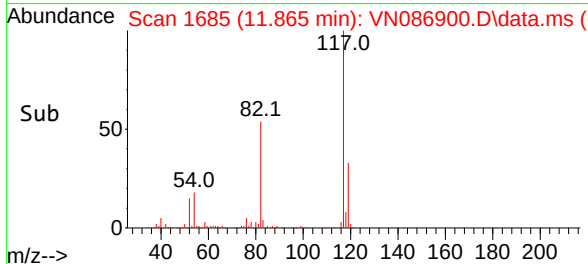


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.865 min Scan# 1713
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :

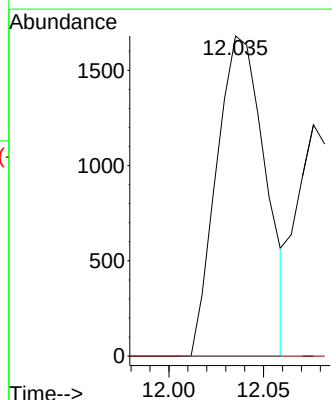
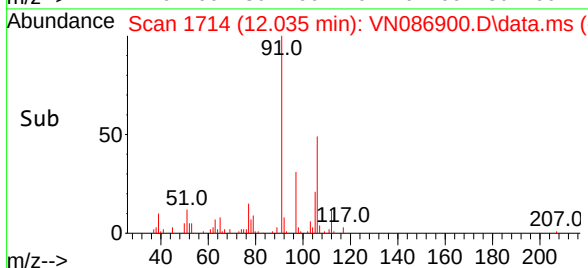
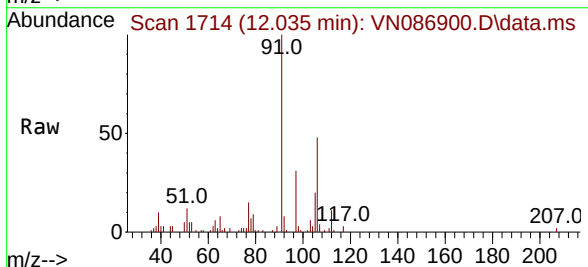


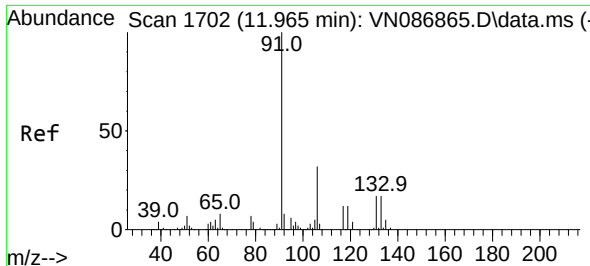
Tgt Ion:117 Resp: 670848
Ion Ratio Lower Upper
117 100
82 53.9 44.6 67.0
119 32.7 25.5 38.3



#65
Chlorobenzene
Concen: 0.203 ug/l
RT: 12.035 min Scan# 1714
Delta R.T. 0.141 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion:112 Resp: 3006
Ion Ratio Lower Upper
112 100
114 0.0 26.2 39.2#

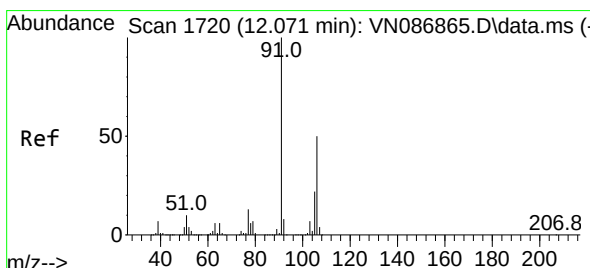
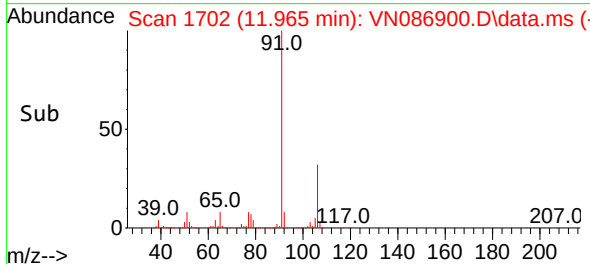
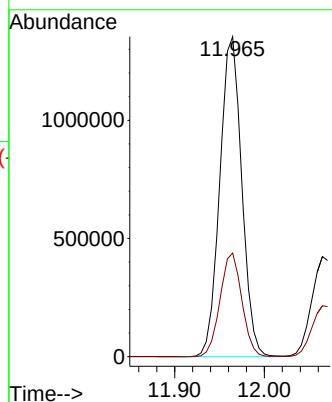
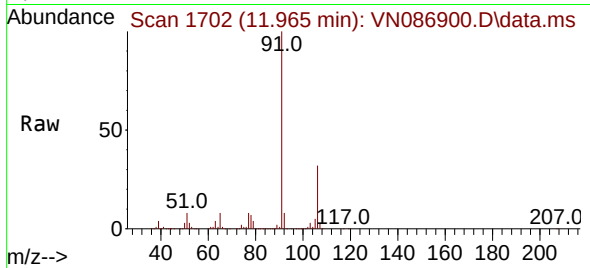




#67
Ethyl Benzene
Concen: 90.220 ug/l
RT: 11.965 min Scan# 1719
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

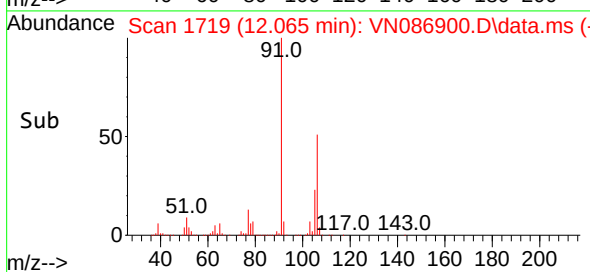
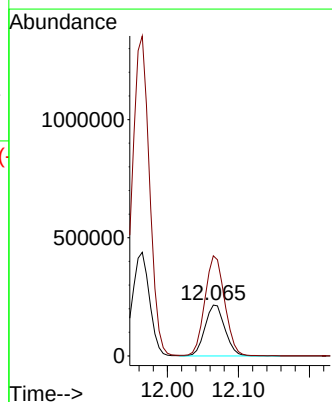
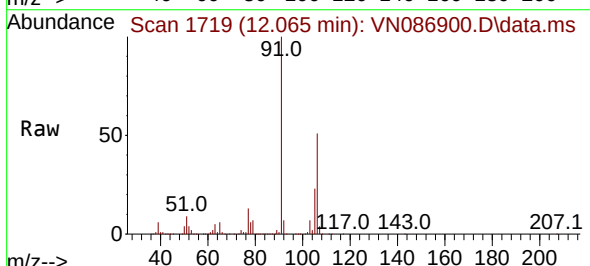
Instrument :
MSVOA_N
ClientSampleId :

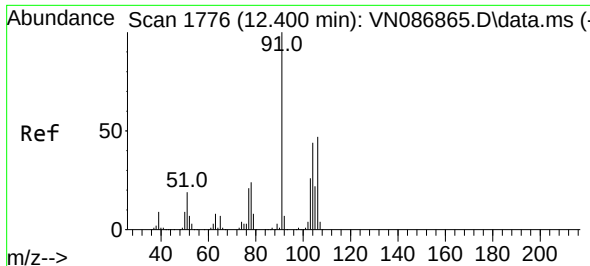
Tgt Ion: 91 Resp: 2299298
Ion Ratio Lower Upper
91 100
106 32.4 25.4 38.2



#68
m/p-Xylenes
Concen: 42.972 ug/l
RT: 12.065 min Scan# 1719
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion:106 Resp: 419226
Ion Ratio Lower Upper
106 100
91 196.4 159.4 239.0

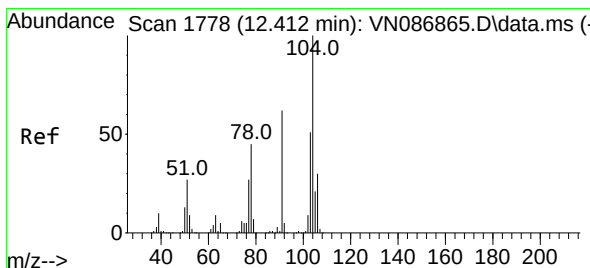
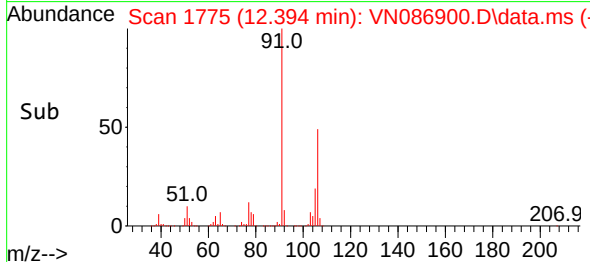
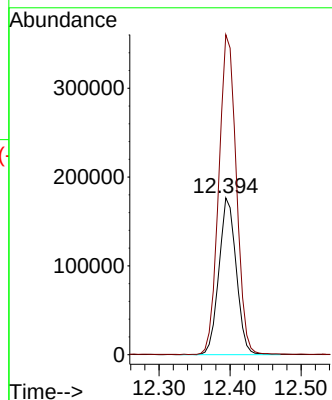
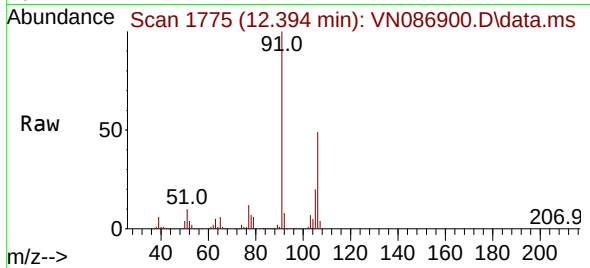




#69
o-Xylene
Concen: 31.854 ug/l
RT: 12.394 min Scan# 1775
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

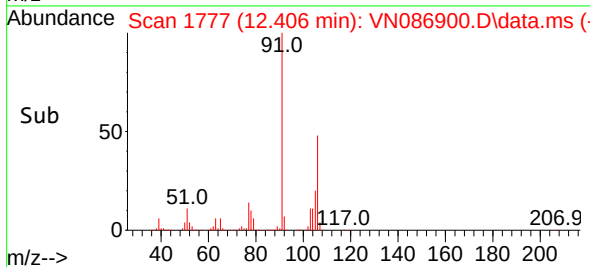
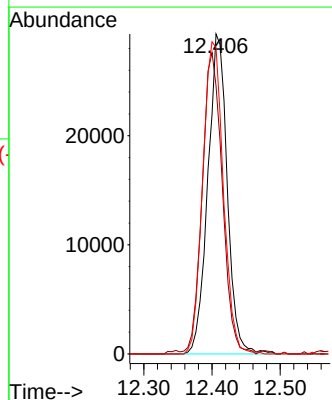
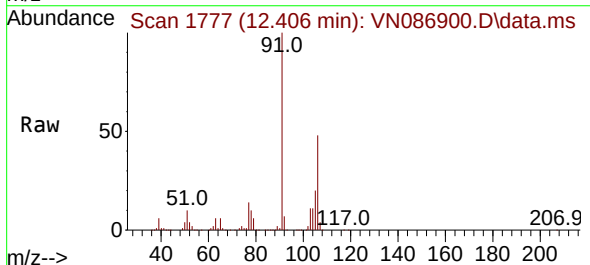
Instrument :
MSVOA_N
ClientSampleId :

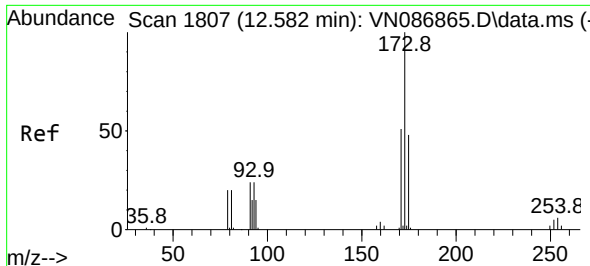
Tgt Ion:106 Resp: 297633
Ion Ratio Lower Upper
106 100
91 207.3 106.1 318.1



#70
Styrene
Concen: 3.635 ug/l
RT: 12.406 min Scan# 1777
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

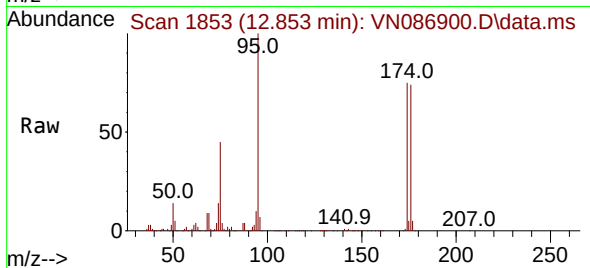
Tgt Ion:104 Resp: 58123
Ion Ratio Lower Upper
104 100
78 97.9 38.5 57.7#
103 103.2 43.1 64.7#



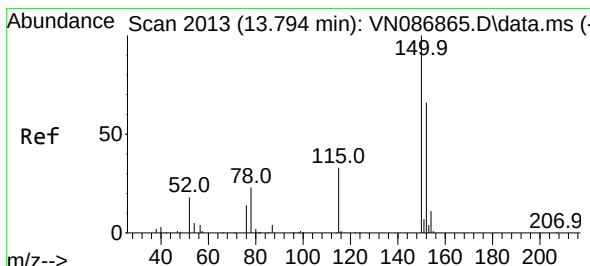
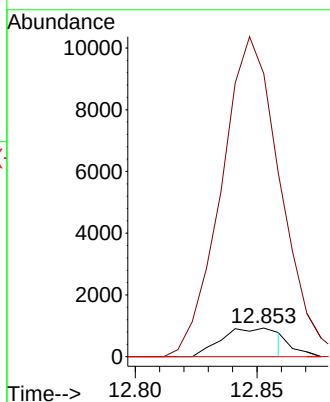
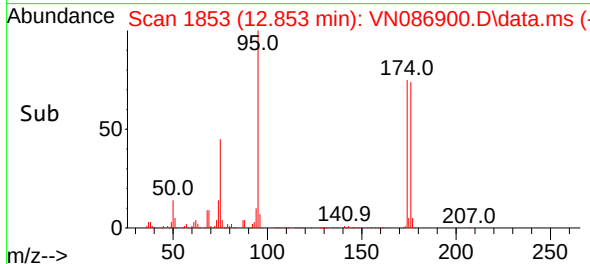


#71
Bromoform
Concen: 0.426 ug/l
RT: 12.853 min Scan# 1807
Delta R.T. 0.270 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

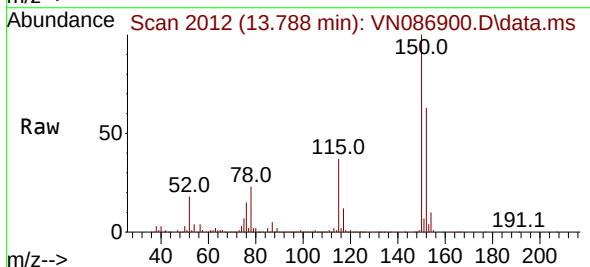
Instrument :
MSVOA_N
ClientSampleId :



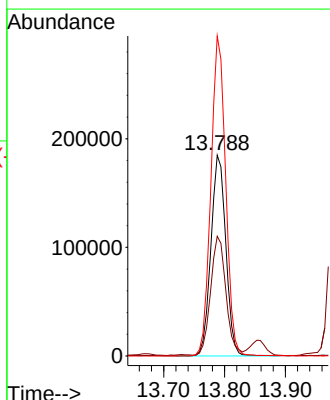
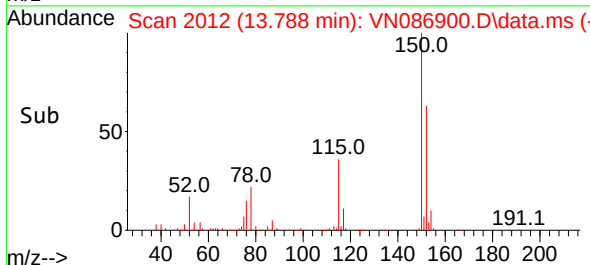
Tgt Ion:173 Resp: 1502
Ion Ratio Lower Upper
173 100
175 1031.9 24.1 72.4#
254 0.0 0.0 0.0

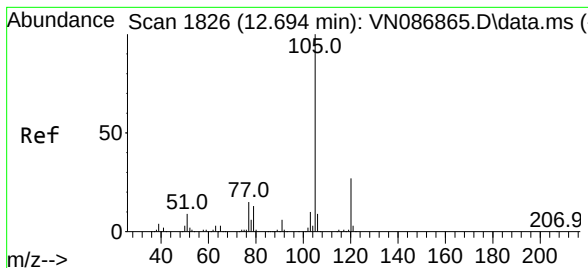


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21



Tgt Ion:152 Resp: 315094
Ion Ratio Lower Upper
152 100
115 60.4 30.1 90.5
150 157.5 0.0 345.0





#73

Isopropylbenzene

Concen: 4.713 ug/l

RT: 12.694 min Scan# 1826

Delta R.T. -0.000 min

Lab File: VN086900.D

Acq: 09 Jun 2025 13:21

Instrument :

MSVOA_N

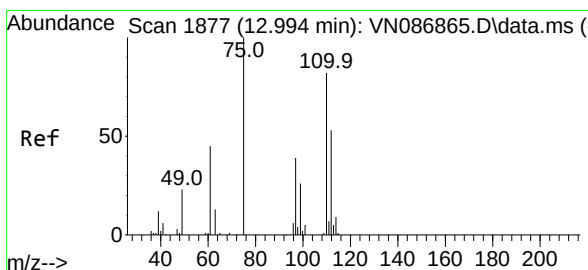
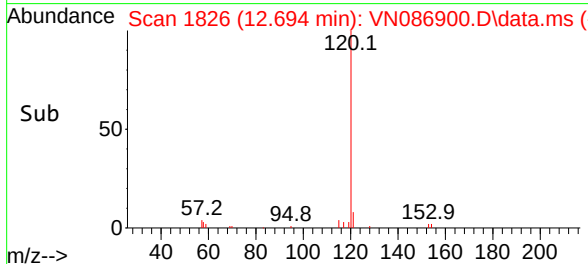
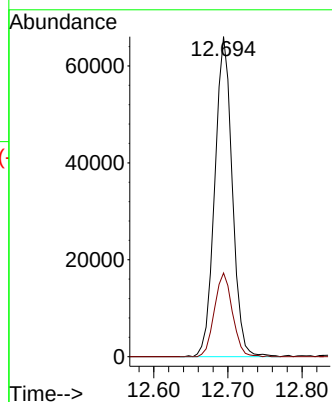
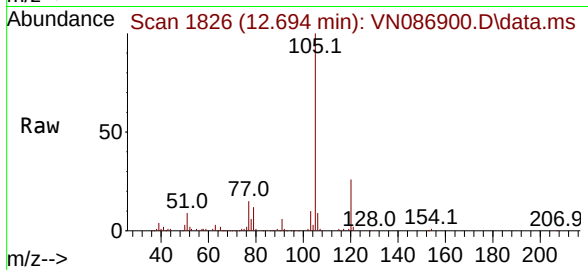
ClientSampleId :

Tgt Ion:105 Resp: 108193

Ion Ratio Lower Upper

105 100

120 26.9 13.5 40.4



#76

1,2,3-Trichloropropane

Concen: 19.448 ug/l

RT: 12.847 min Scan# 1852

Delta R.T. -0.147 min

Lab File: VN086900.D

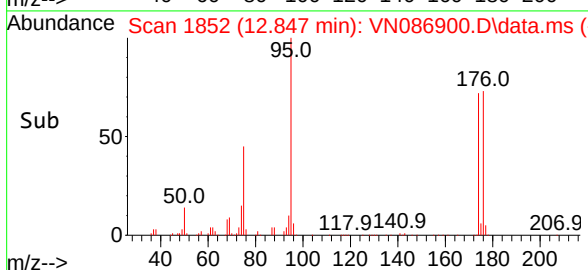
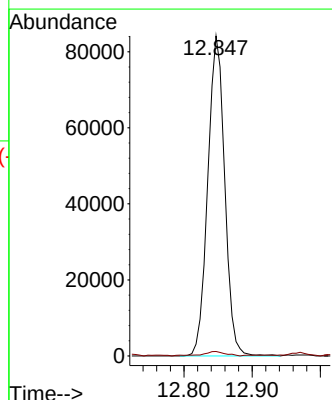
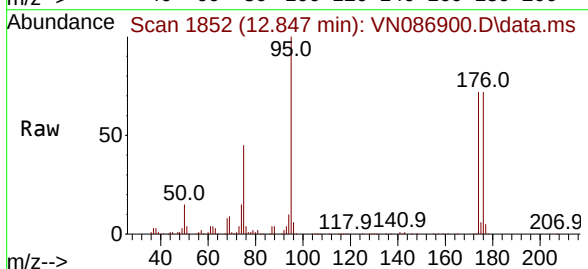
Acq: 09 Jun 2025 13:21

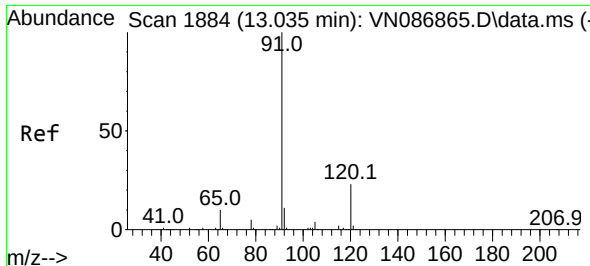
Tgt Ion: 75 Resp: 145666

Ion Ratio Lower Upper

75 100

77 1.6 79.3 237.9#

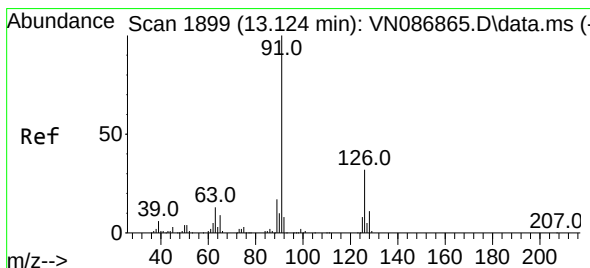
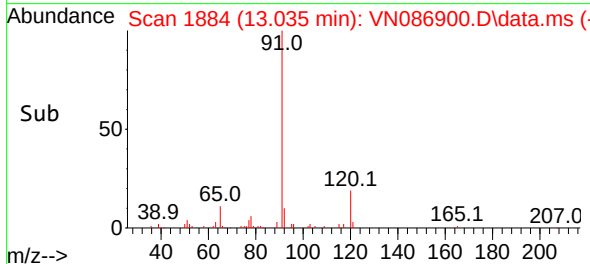
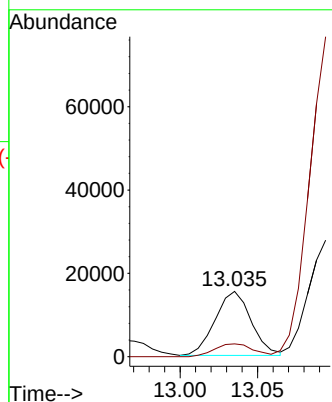
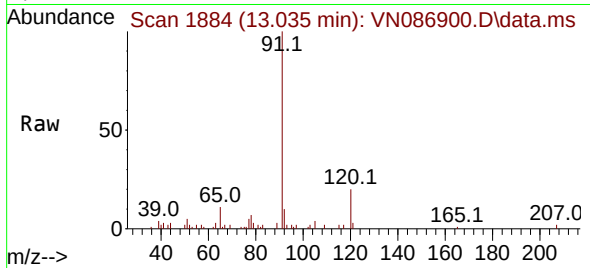




#78
n-propylbenzene
Concen: 0.892 ug/l
RT: 13.035 min Scan# 1884
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

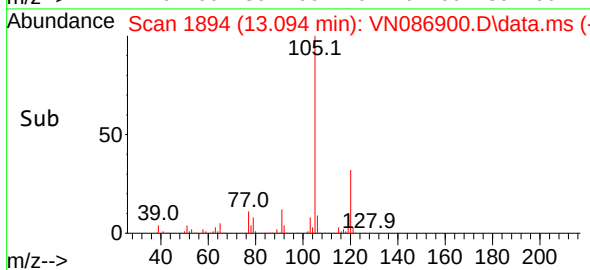
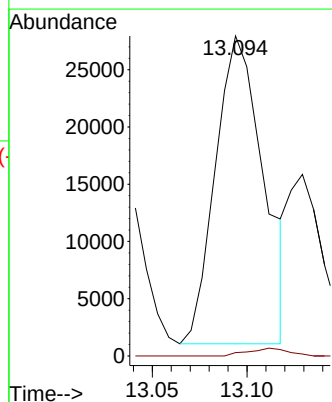
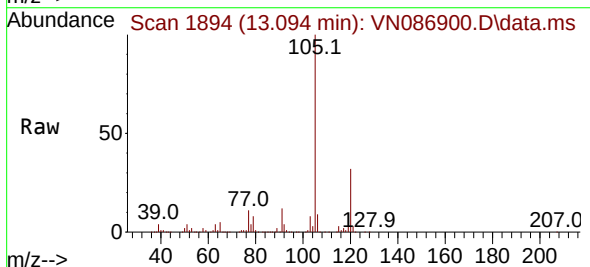
Instrument :
MSVOA_N
ClientSampleId :

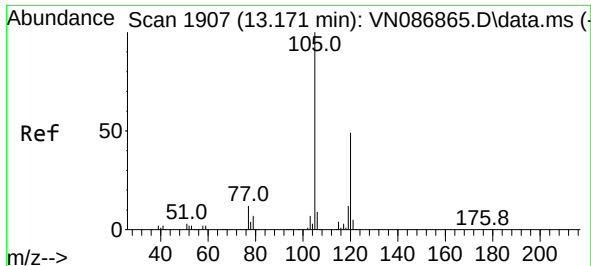
Tgt Ion: 91 Resp: 24877
Ion Ratio Lower Upper
91 100
120 21.9 11.4 34.2



#79
2-Chlorotoluene
Concen: 2.826 ug/l
RT: 13.094 min Scan# 1894
Delta R.T. -0.030 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 91 Resp: 47283
Ion Ratio Lower Upper
91 100
126 2.1 16.2 48.5#

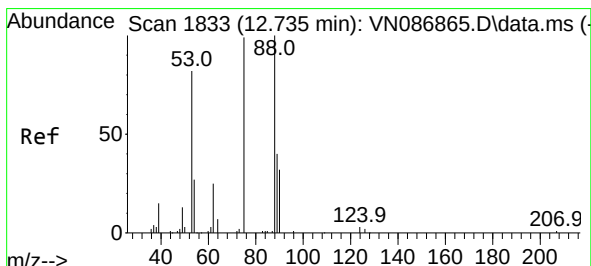
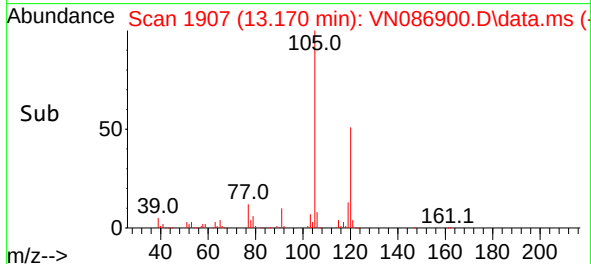
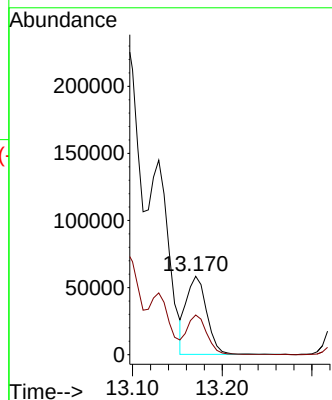
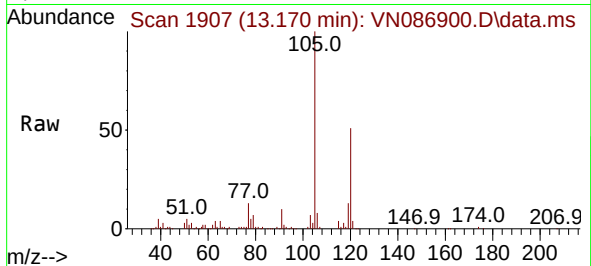




#80
1,3,5-Trimethylbenzene
Concen: 4.796 ug/l
RT: 13.170 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

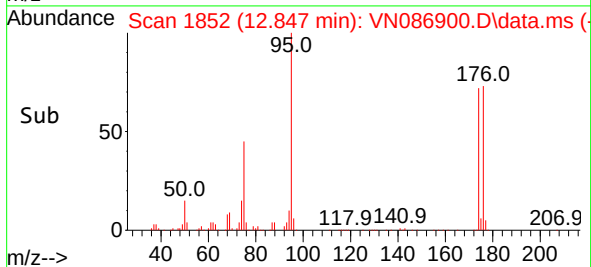
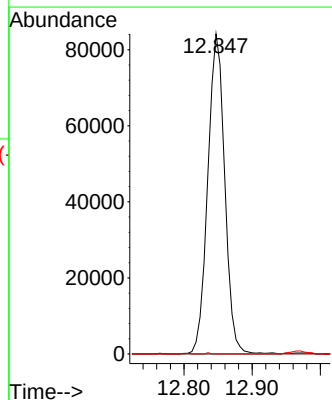
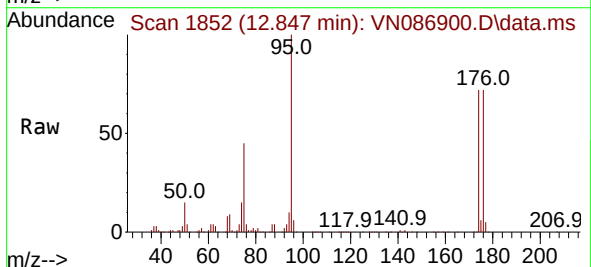
Instrument :
MSVOA_N
ClientSampleId :

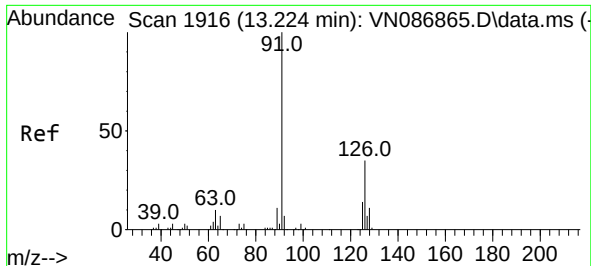
Tgt Ion:105 Resp: 90895
Ion Ratio Lower Upper
105 100
120 49.1 24.9 74.6



#81
trans-1,4-Dichloro-2-butene
Concen: 44.769 ug/l
RT: 12.847 min Scan# 1852
Delta R.T. 0.112 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 75 Resp: 145666
Ion Ratio Lower Upper
75 100
53 0.0 66.6 99.8#
89 0.1 36.7 55.1#

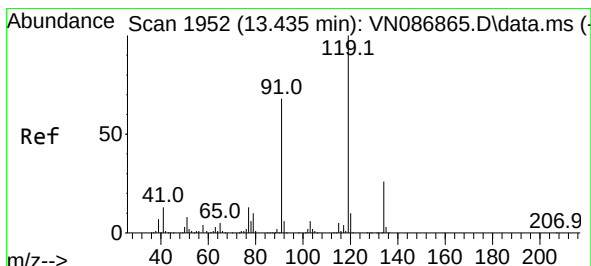
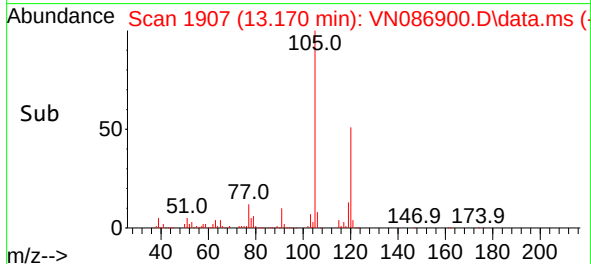
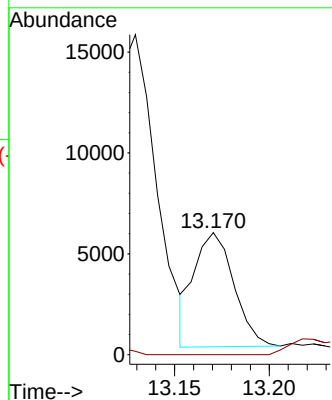
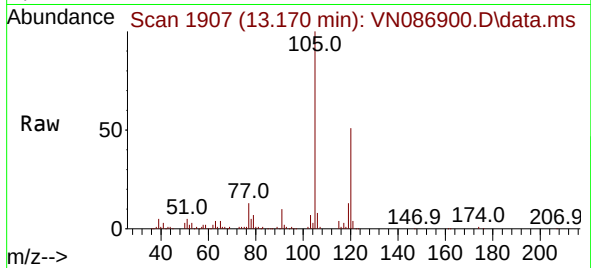




#82
4-Chlorotoluene
Concen: 0.485 ug/l
RT: 13.170 min Scan# 1916
Delta R.T. -0.053 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

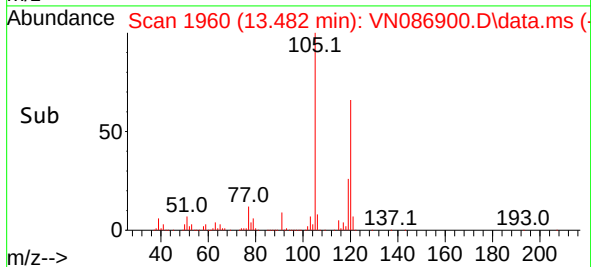
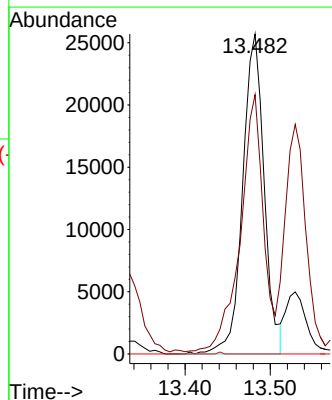
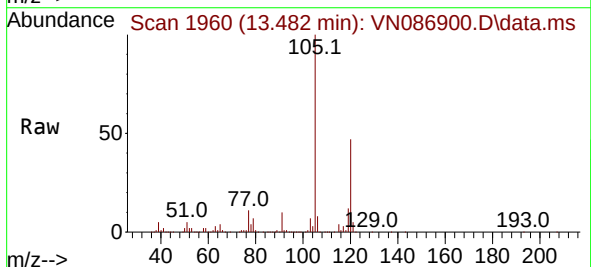
Instrument :
MSVOA_N
ClientSampleId :

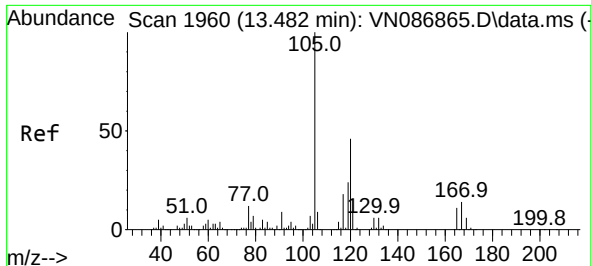
Tgt Ion: 91 Resp: 8218
Ion Ratio Lower Upper
91 100
126 0.0 16.7 50.1#



#83
tert-Butylbenzene
Concen: 2.597 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. 0.047 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 119 Resp: 45047
Ion Ratio Lower Upper
119 100
91 85.6 32.1 96.5
134 0.0 13.4 40.1#

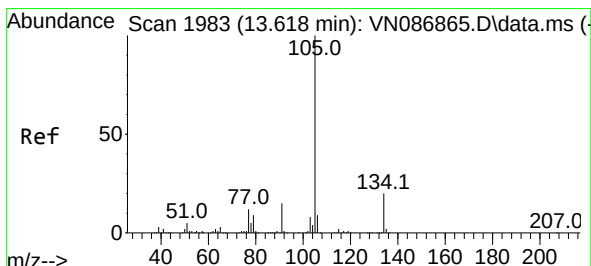
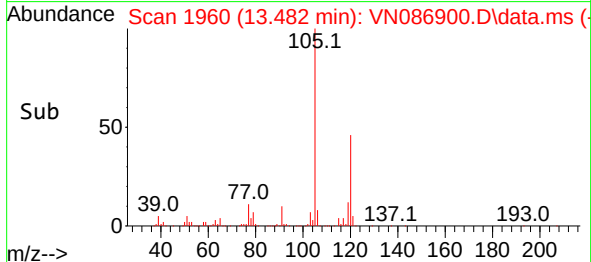
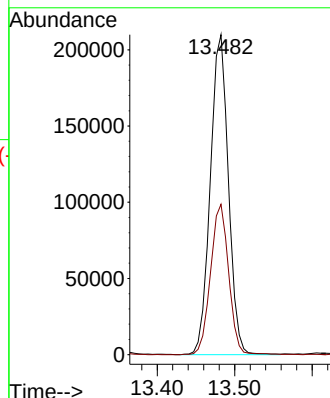
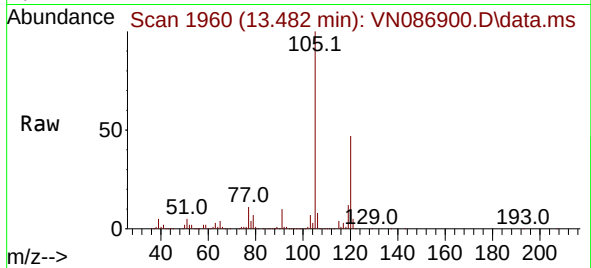




#84
1,2,4-Trimethylbenzene
Concen: 17.893 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

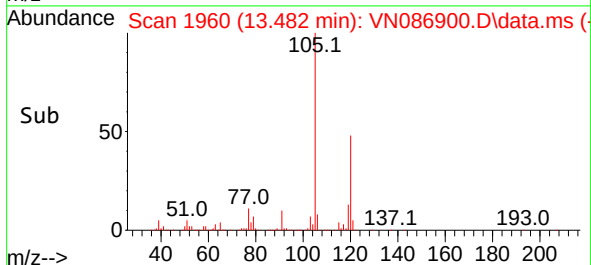
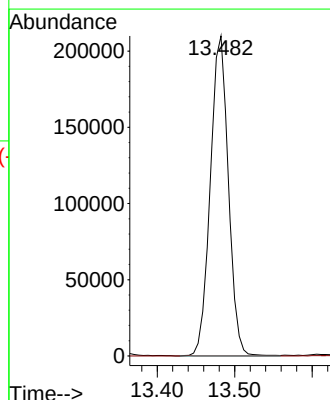
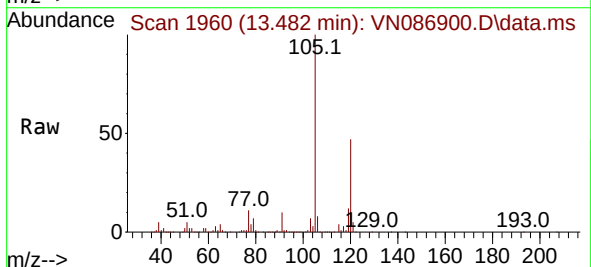
Instrument :
MSVOA_N
ClientSampleId :

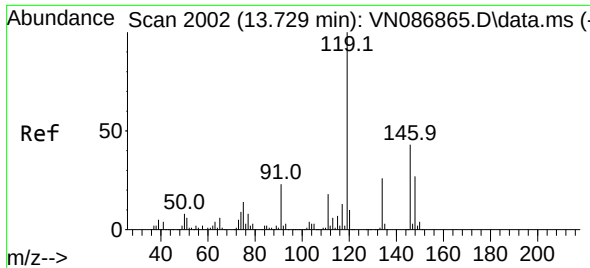
Tgt Ion:105 Resp: 340049
Ion Ratio Lower Upper
105 100
120 47.2 23.2 69.6



#85
sec-Butylbenzene
Concen: 13.498 ug/l
RT: 13.482 min Scan# 1960
Delta R.T. -0.135 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion:105 Resp: 340049
Ion Ratio Lower Upper
105 100
134 0.0 10.0 30.0#

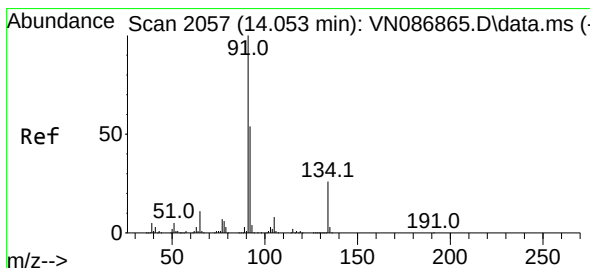
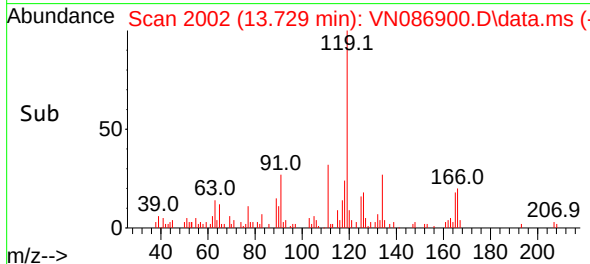
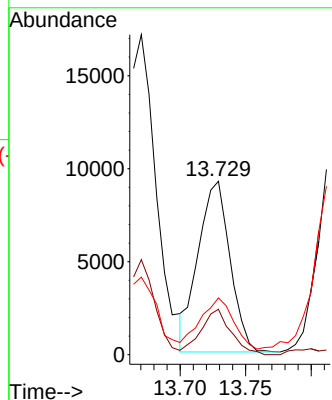
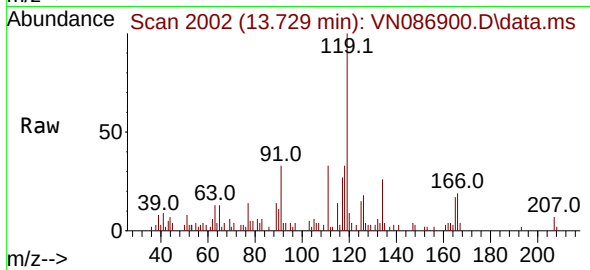




#86
p-Isopropyltoluene
Concen: 0.745 ug/l
RT: 13.729 min Scan# 2002
Delta R.T. -0.000 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

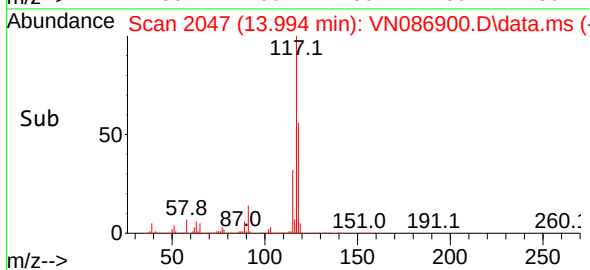
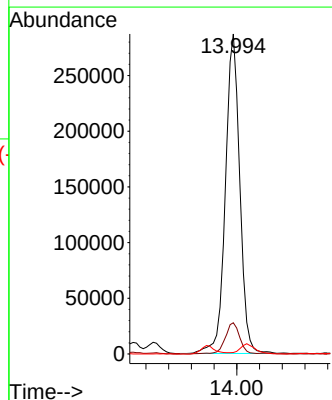
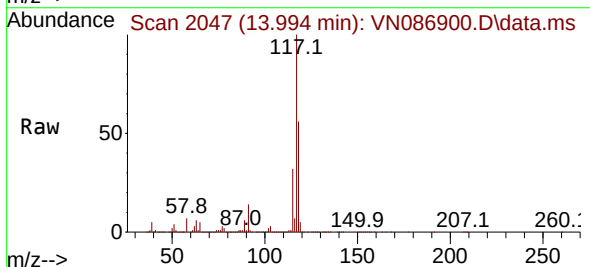
Instrument :
MSVOA_N
ClientSampleId :

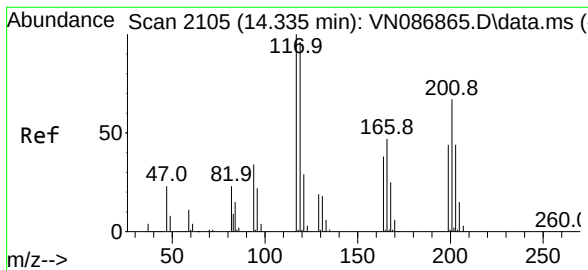
Tgt Ion:119 Resp: 15525
Ion Ratio Lower Upper
119 100
134 25.0 13.5 40.4
91 0.0 11.5 34.4#



#89
n-Butylbenzene
Concen: 25.071 ug/l
RT: 13.994 min Scan# 2047
Delta R.T. -0.059 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Tgt Ion: 91 Resp: 505736
Ion Ratio Lower Upper
91 100
92 9.9 27.5 82.4#
134 0.0 13.0 39.0#

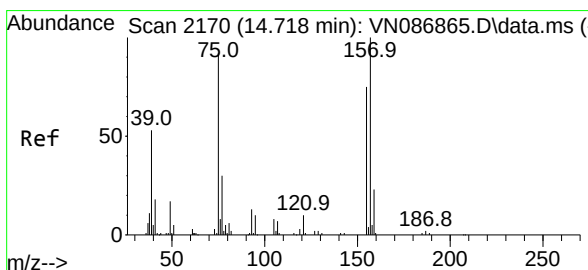
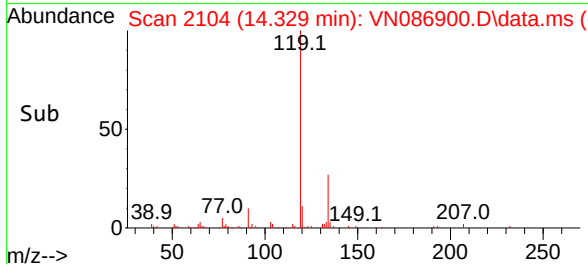
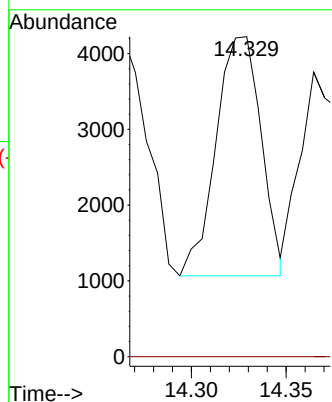
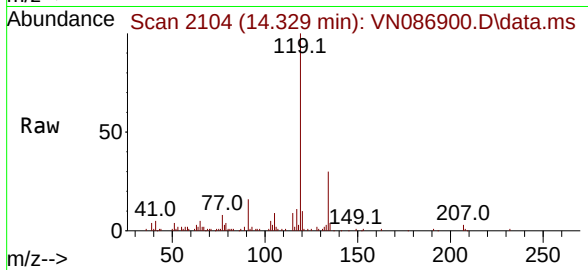




#90
Hexachloroethane
Concen: 1.480 ug/l
RT: 14.329 min Scan# 2104
Delta R.T. -0.006 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

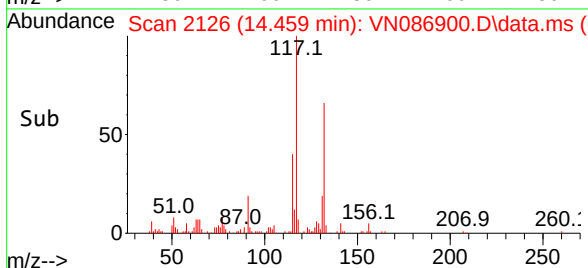
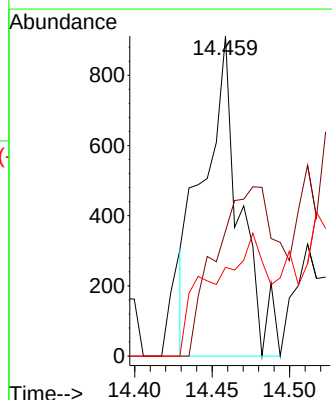
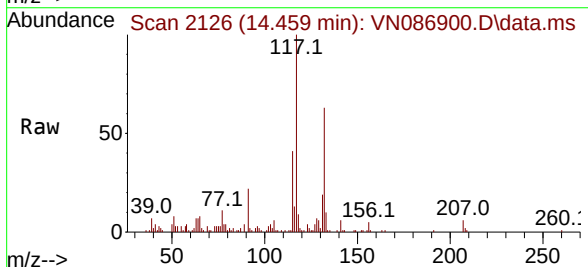
Instrument :
MSVOA_N
ClientSampleId :

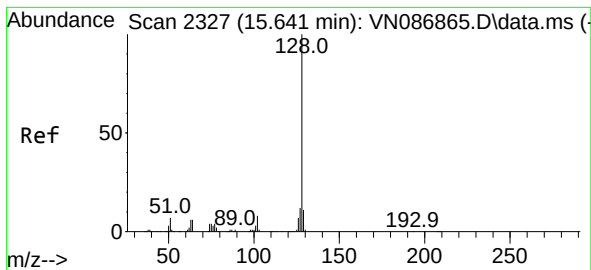
Tgt Ion:117 Resp: 5224
Ion Ratio Lower Upper
117 100
201 0.0 33.2 99.6#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.818 ug/l
RT: 14.459 min Scan# 2126
Delta R.T. -0.259 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

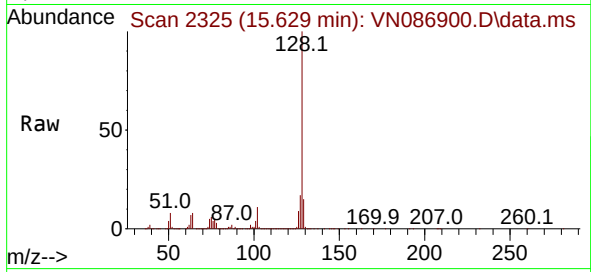
Tgt Ion: 75 Resp: 1521
Ion Ratio Lower Upper
75 100
155 89.6 41.1 123.4
157 56.1 52.7 158.1





#95
Naphthalene
Concen: 920.202 ug/l
RT: 15.629 min Scan# 21
Delta R.T. -0.012 min
Lab File: VN086900.D
Acq: 09 Jun 2025 13:21

Instrument :
MSVOA_N
ClientSampleId :



Tgt Ion:128 Resp:21764312
Ion Ratio Lower Upper
128 100
127 16.6 10.2 15.2#
129 14.2 8.8 13.2#

