

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087591.D
 Acq On : 15 Aug 2025 18:34
 Operator : JC\MD
 Sample : Q2827-07
 Misc : 4.47g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:49:41 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	290831	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	628644	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	562483	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.771	152	271137	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	277445	56.222	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 112.440%	
35) Dibromofluoromethane	8.147	113	198106	45.685	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 91.360%	
50) Toluene-d8	10.547	98	733747	47.435	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.880%	
62) 4-Bromofluorobenzene	12.829	95	254856	44.595	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 89.200%	

Target Compounds				Qvalue		
10) Methyl Iodide	4.559	142	4126	6.846	ug/l #	87
13) Acrolein	4.171	56	472	0.628	ug/l #	58
16) Acetone	4.412	43	1360	0.588	ug/l	98
17) Carbon Disulfide	4.671	76	3401	0.345	ug/l #	71
20) Methylene Chloride	5.230	84	1932	Below Cal	#	69
29) Tetrahydrofuran	7.847	42	1003	0.432	ug/l #	65
31) Cyclohexane	8.206	56	9544	1.573	ug/l #	1
36) 1,1-Dichloropropene	8.206	75	28435	4.963	ug/l #	50
38) Carbon Tetrachloride	8.200	117	34515	5.469	ug/l #	15
39) Methylcyclohexane	9.583	83	8485	1.368	ug/l	98
49) 1,4-Dioxane	9.412	88	67	0.757	ug/l #	11
51) 4-Methyl-2-Pentanone	10.347	43	15866	1.953	ug/l #	37
55) 1,1,2-Trichloroethane	10.982	97	9229	2.025	ug/l #	22
56) Ethyl methacrylate	10.900	69	3793	1.140	ug/l #	1
59) 2-Hexanone	11.153	43	33490	6.214	ug/l #	30
67) Ethyl Benzene	11.941	91	12955	0.623	ug/l #	88
68) m/p-Xylenes	12.053	106	22063	2.834	ug/l	96
69) o-Xylene	12.382	106	5578	0.750	ug/l	98
73) Isopropylbenzene	12.676	105	34738	2.036	ug/l	99
74) N-amyl acetate	12.459	43	99726	14.066	ug/l #	56
75) 1,1,2,2-Tetrachloroethane	12.906	83	11520	1.794	ug/l	68
76) 1,2,3-Trichloropropane	12.829	75	149903	24.655	ug/l #	1
78) n-propylbenzene	13.012	91	67031	3.122	ug/l	98
79) 2-Chlorotoluene	13.012	91	67031	5.080	ug/l #	59
81) trans-1,4-Dichloro-2-b...	12.829	75	149903	67.460	ug/l #	10
82) 4-Chlorotoluene	13.012	91	67031	4.879	ug/l #	60
83) tert-Butylbenzene	13.418	119	4732	0.390	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.594	105	135246	9.109	ug/l #	32
85) sec-Butylbenzene	13.594	105	135303	7.397	ug/l	89
86) p-Isopropyltoluene	13.747	119	20375	1.390	ug/l #	1
88) 1,4-Dichlorobenzene	13.788	146	6021	0.649	ug/l #	1
89) n-Butylbenzene	14.035	91	154925	11.068	ug/l #	88
90) Hexachloroethane	14.306	117	60587	19.507	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.706	75	3297	1.956	ug/l #	25
93) 1,2,4-Trichlorobenzene	15.394	180	2002	0.414	ug/l #	1
95) Naphthalene	15.570	128	24035	1.404	ug/l #	1

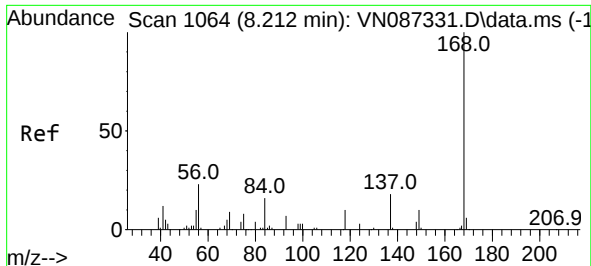
Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
Data File : VN087591.D
Acq On : 15 Aug 2025 18:34
Operator : JC\MD
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
96) 1,2,3-Trichlorobenzene	15.835	180	11563	2.385	ug/l	# 37

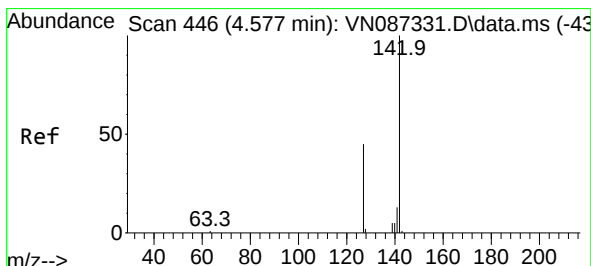
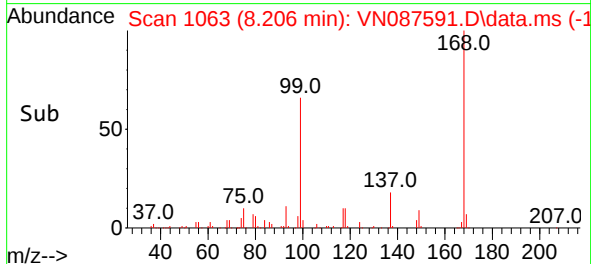
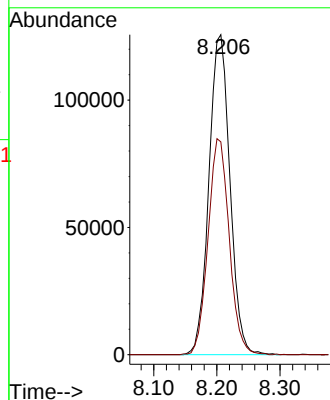
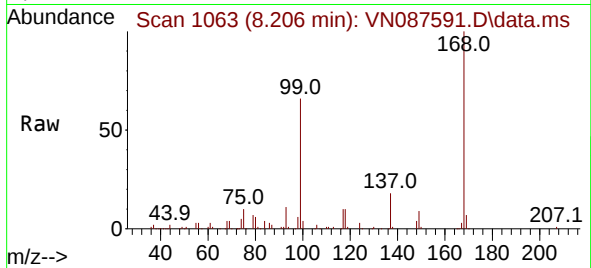
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

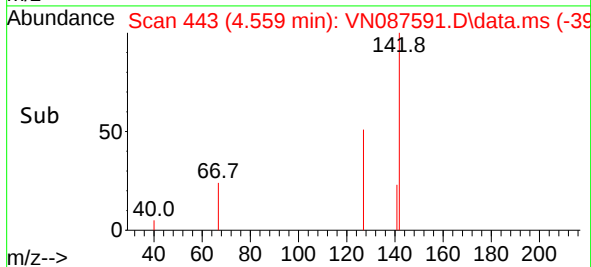
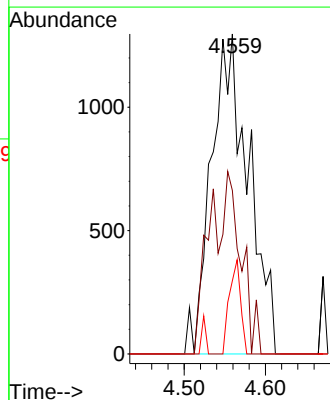
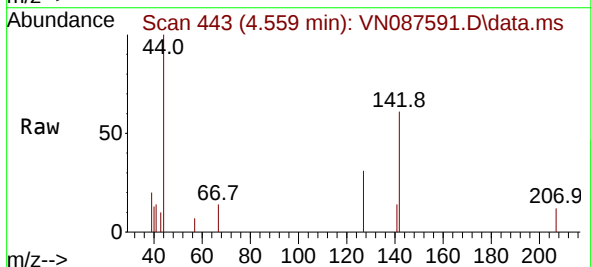
Instrument :
MSVOA_N
ClientSampleId :

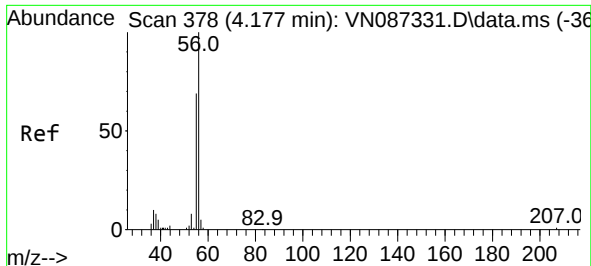
Tgt Ion:168 Resp: 290831
Ion Ratio Lower Upper
168 100
99 66.5 47.9 71.9



#10
Methyl Iodide
Concen: 6.846 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.018 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion:142 Resp: 4126
Ion Ratio Lower Upper
142 100
127 51.1 35.7 53.5
141 22.8 10.4 15.6#

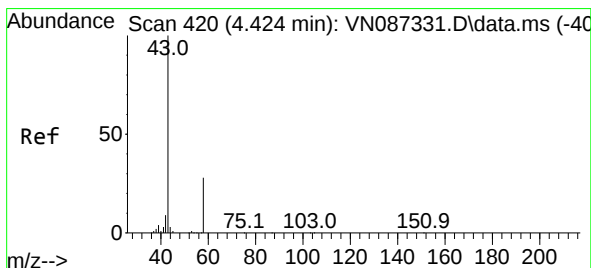
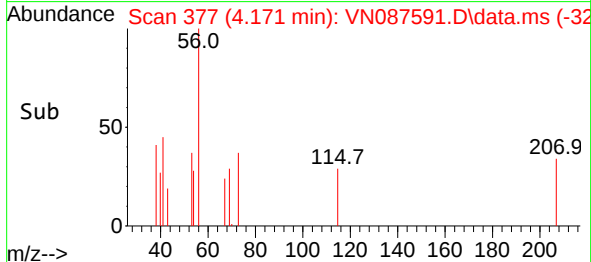
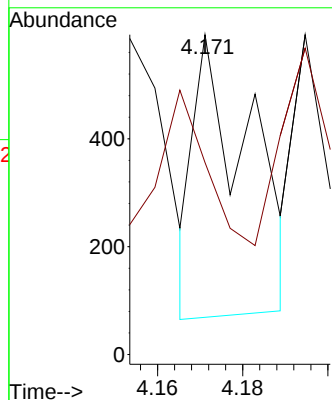
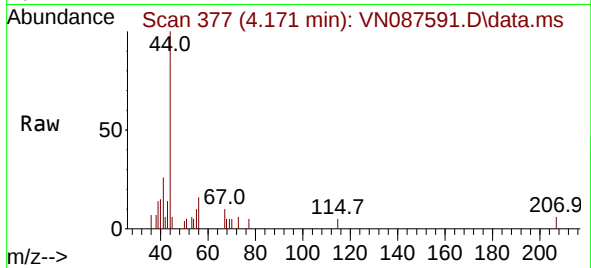




#13
Acrolein
Concen: 0.628 ug/l
RT: 4.171 min Scan# 31
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

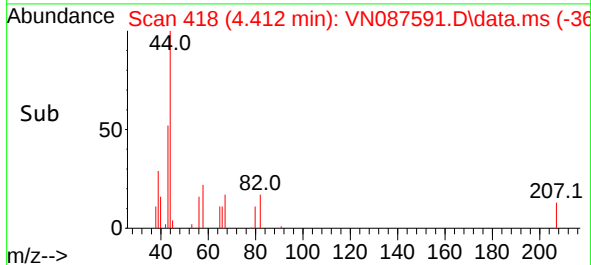
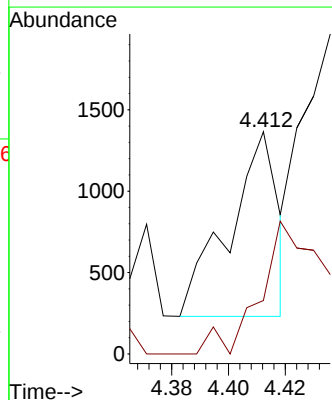
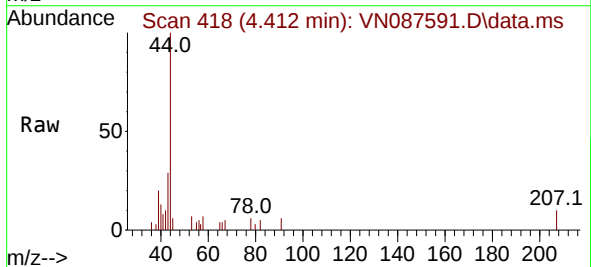
Instrument :
MSVOA_N
ClientSampleId :

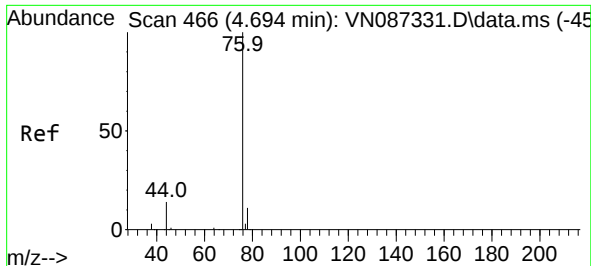
Tgt Ion: 56 Resp: 472
Ion Ratio Lower Upper
56 100
55 35.4 56.2 84.4#



#16
Acetone
Concen: 0.588 ug/l
RT: 4.412 min Scan# 418
Delta R.T. -0.012 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 43 Resp: 1360
Ion Ratio Lower Upper
43 100
58 28.9 22.3 33.5

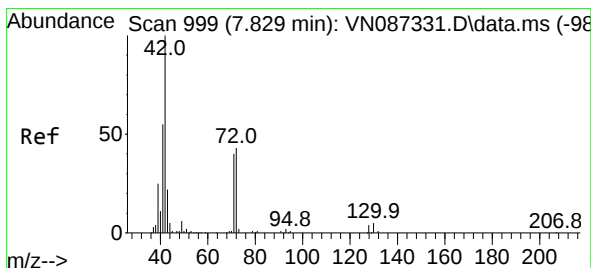
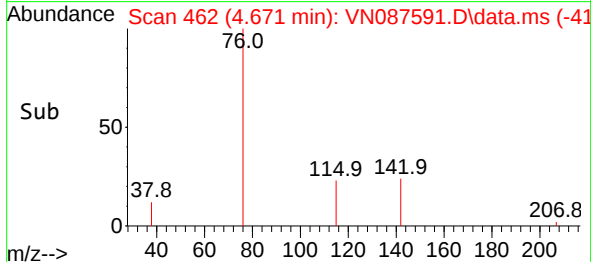
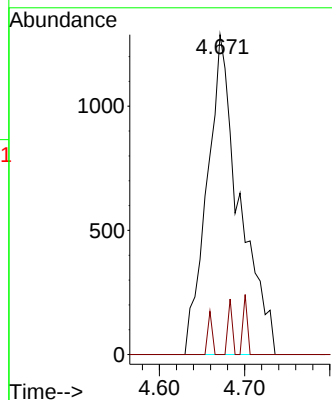
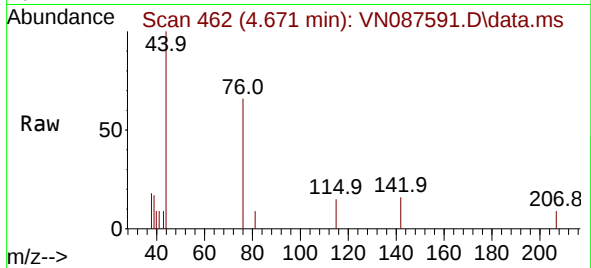




#17
Carbon Disulfide
Concen: 0.345 ug/l
RT: 4.671 min Scan# 41
Delta R.T. -0.023 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

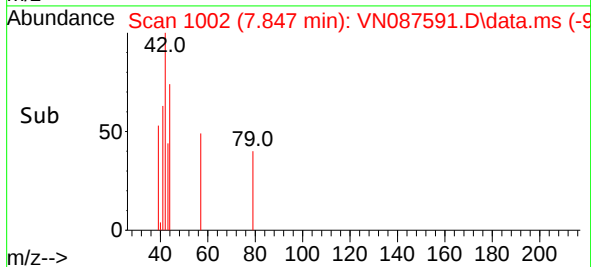
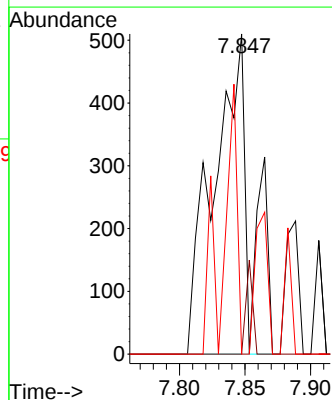
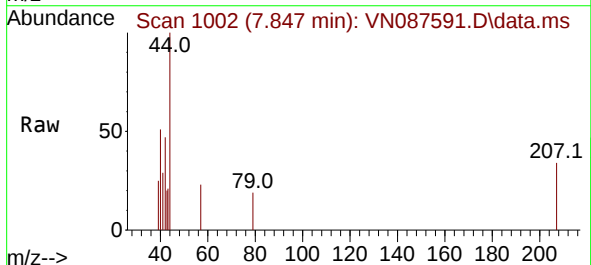
Instrument :
MSVOA_N
ClientSampleId :

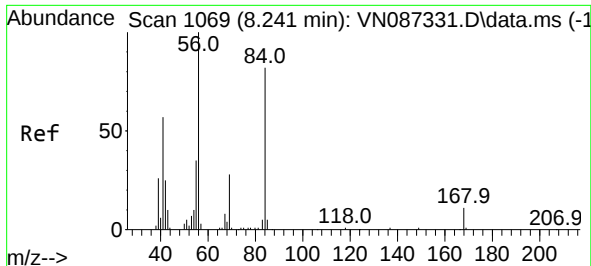
Tgt Ion: 76 Resp: 3401
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0#



#29
Tetrahydrofuran
Concen: 0.432 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

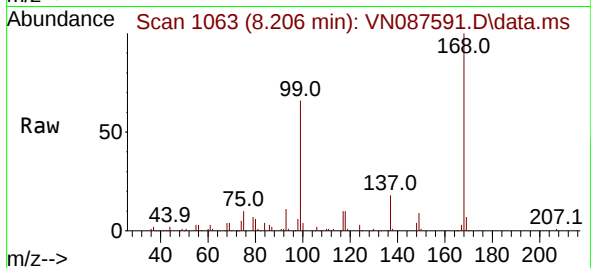
Tgt Ion: 42 Resp: 1003
Ion Ratio Lower Upper
42 100
72 5.3 33.4 50.0#
71 32.4 31.2 46.8



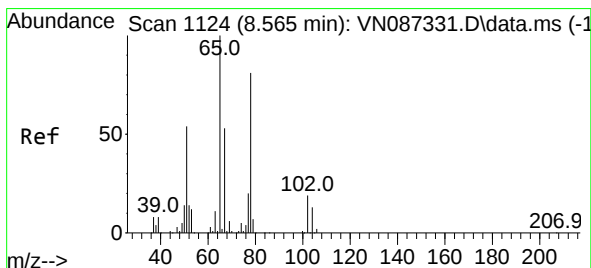
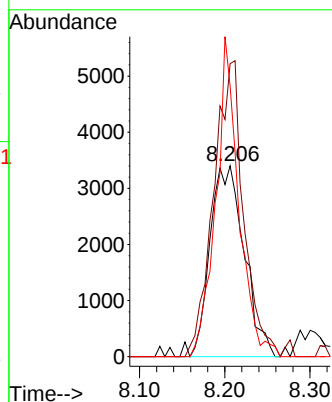
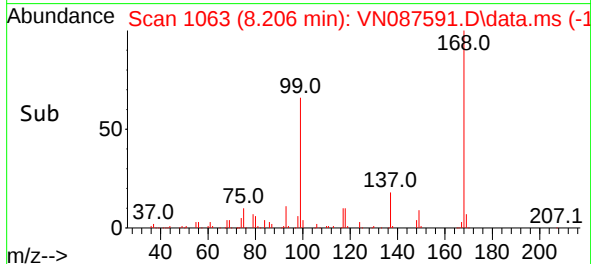


#31
Cyclohexane
Concen: 1.573 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.035 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Instrument :
MSVOA_N
ClientSampleId :

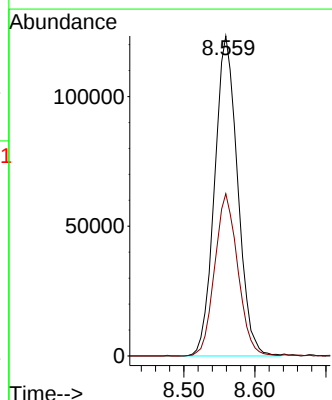
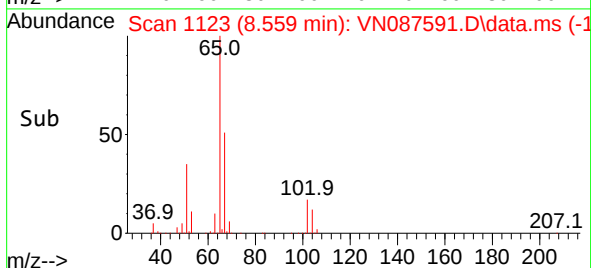
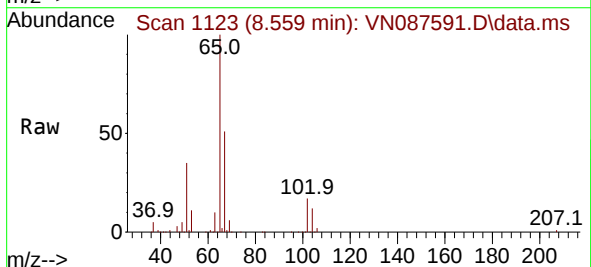


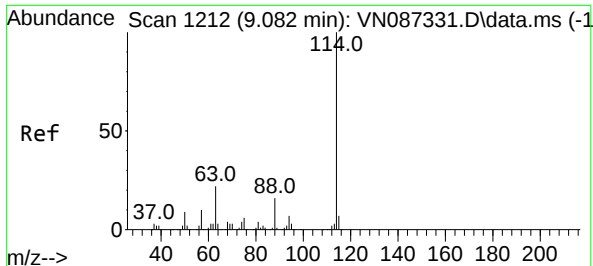
Tgt Ion: 56 Resp: 9544
Ion Ratio Lower Upper
56 100
69 153.4 22.7 34.1#
84 141.7 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 56.222 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 65 Resp: 277445
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.083 min Scan# 1

Delta R.T. 0.001 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :

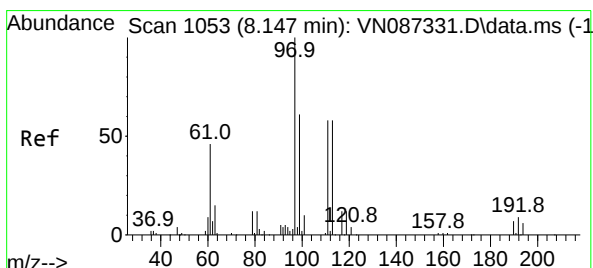
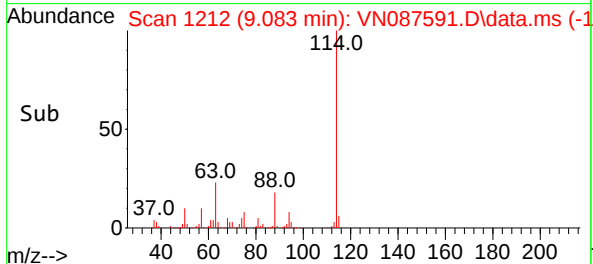
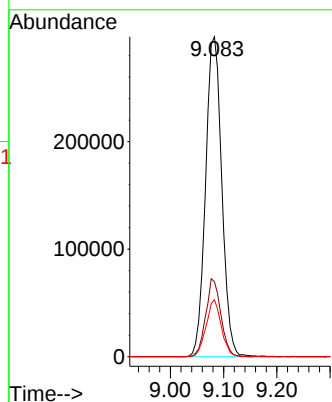
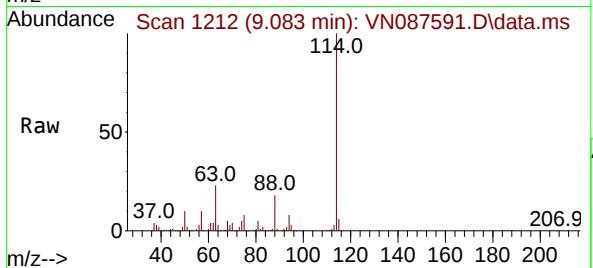
Tgt Ion:114 Resp: 628644

Ion Ratio Lower Upper

114 100

63 23.4 0.0 44.6

88 17.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.685 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

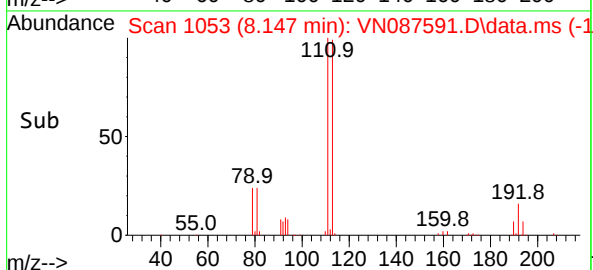
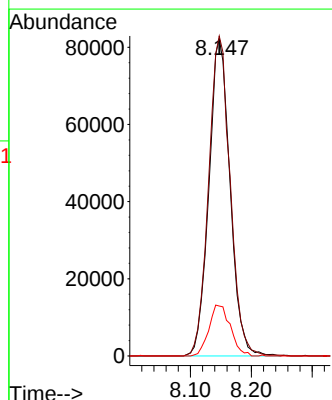
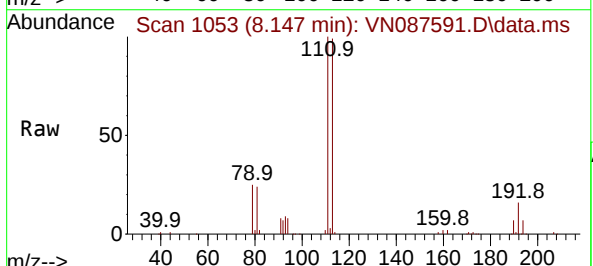
Tgt Ion:113 Resp: 198106

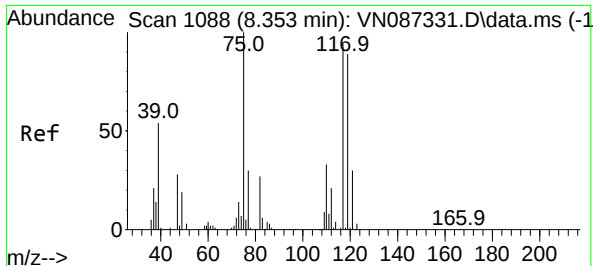
Ion Ratio Lower Upper

113 100

111 102.9 82.5 123.7

192 16.3 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.963 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087591.D

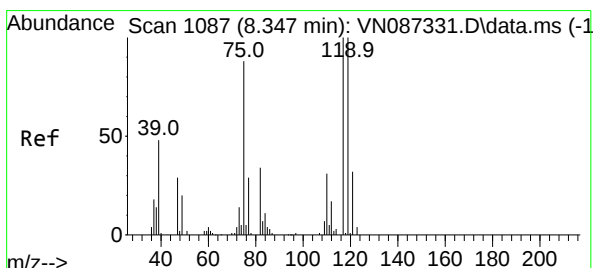
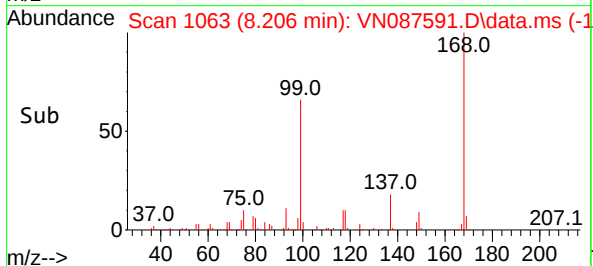
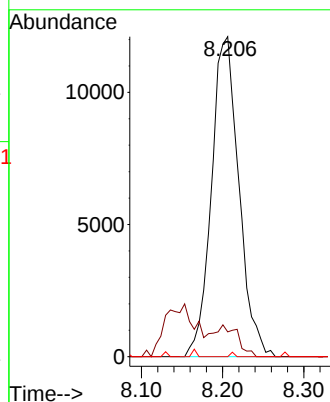
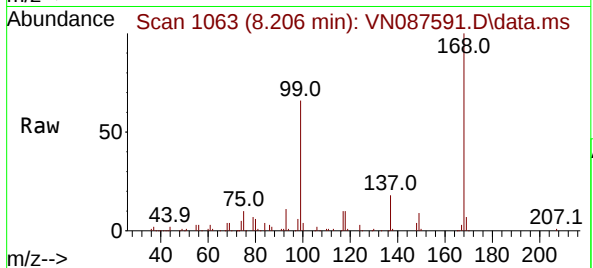
Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	28435
Ion Ratio	Lower	Upper	
75	100		
110	8.4	16.7	50.1#
77	0.2	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.469 ug/l

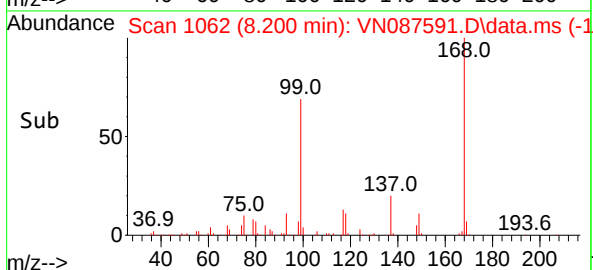
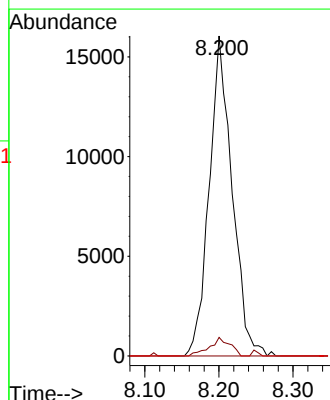
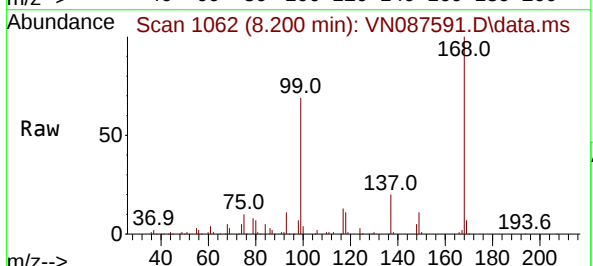
RT: 8.200 min Scan# 1062

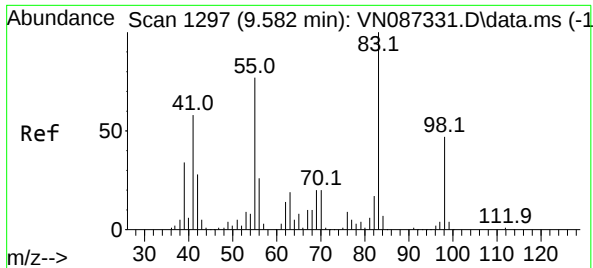
Delta R.T. -0.147 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Tgt Ion:	117	Resp:	34515
Ion Ratio	Lower	Upper	
117	100		
119	5.8	80.2	120.2#
121	0.0	25.4	38.2#





#39

Methylcyclohexane

Concen: 1.368 ug/l

RT: 9.583 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087591.D

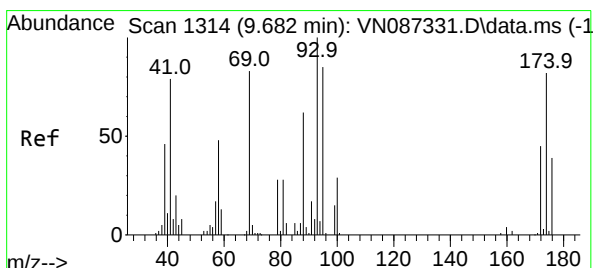
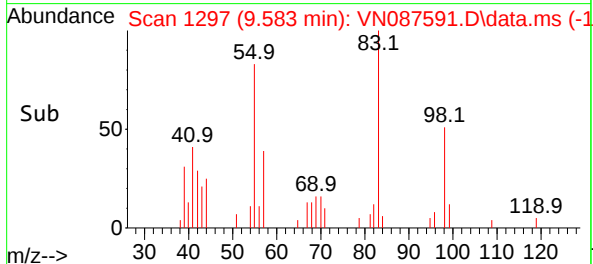
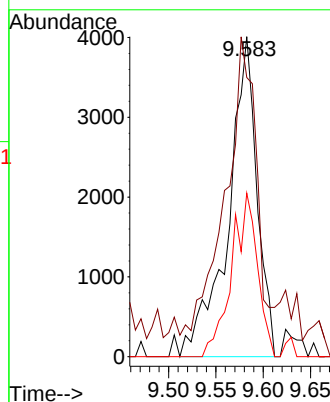
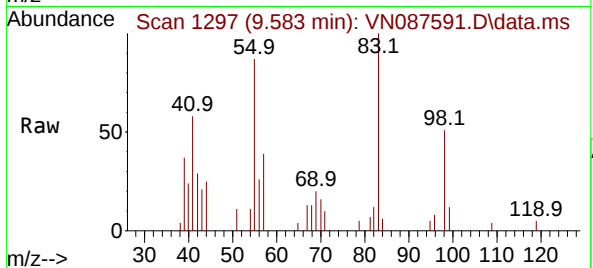
Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp: 8485		
Ion Ratio	Lower	Upper	
83	100		
55	76.5	61.3	91.9
98	51.1	37.9	56.9



#49

1,4-Dioxane

Concen: 0.757 ug/l

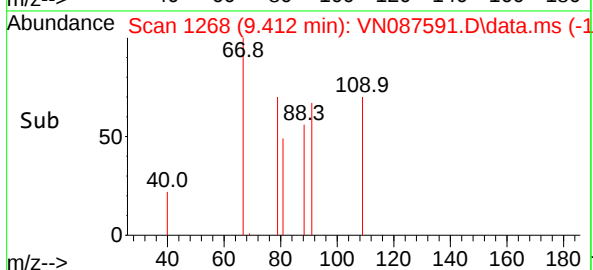
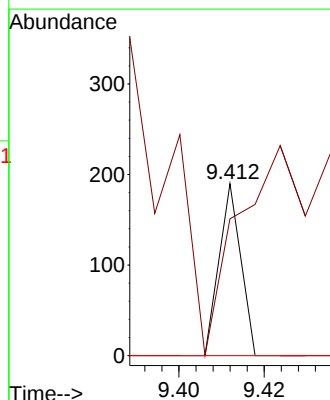
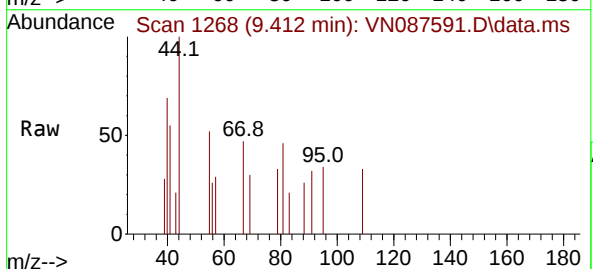
RT: 9.412 min Scan# 1268

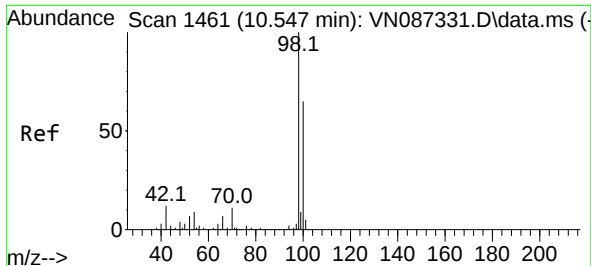
Delta R.T. -0.270 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Tgt Ion: 88	Resp: 67
Ion Ratio	Lower Upper
88 100	
43 370.1	0.0 0.0#
58 0.0	61.1 91.7#

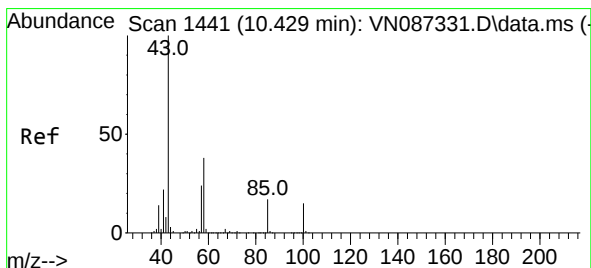
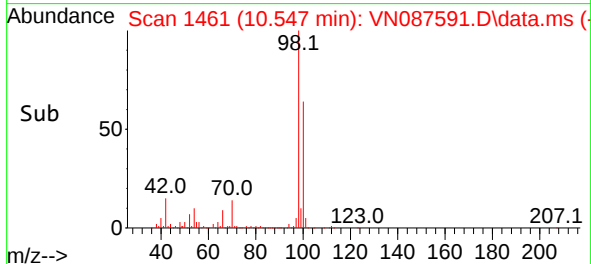
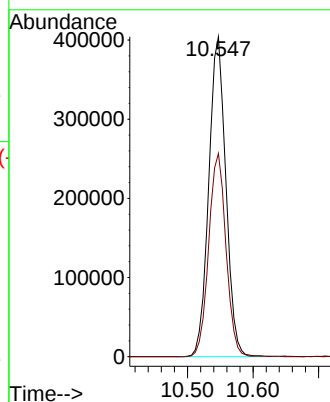
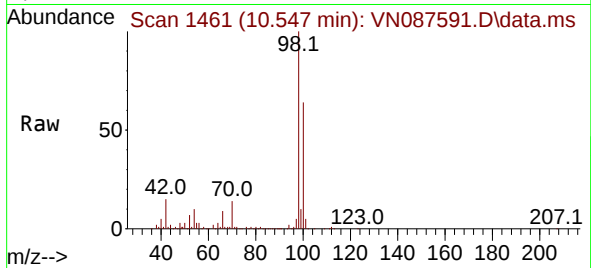




#50
Toluene-d8
Concen: 47.435 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

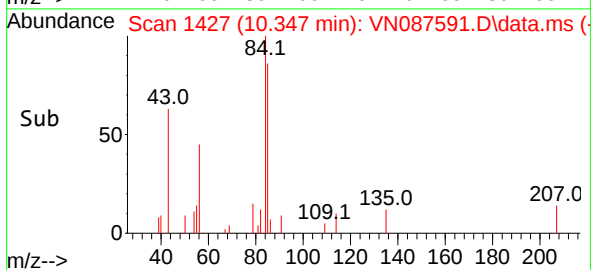
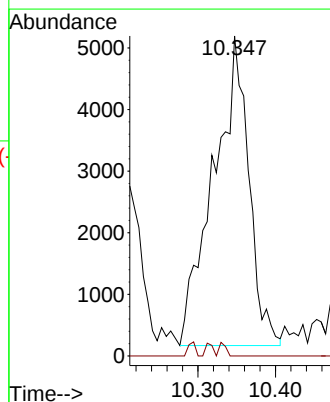
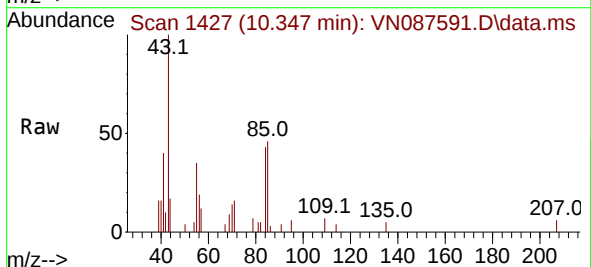
Instrument :
MSVOA_N
ClientSampleId :

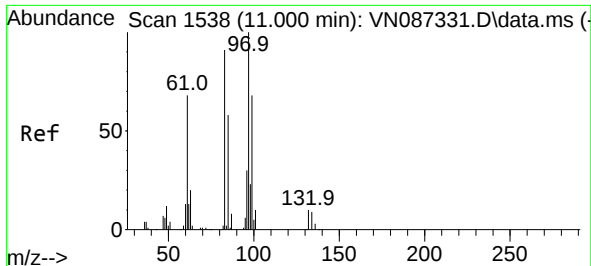
Tgt Ion: 98 Resp: 733747
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 1.953 ug/l
RT: 10.347 min Scan# 1427
Delta R.T. -0.082 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

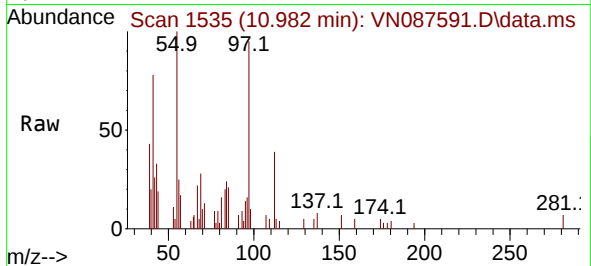
Tgt Ion: 43 Resp: 15866
Ion Ratio Lower Upper
43 100
58 0.0 30.8 46.2#



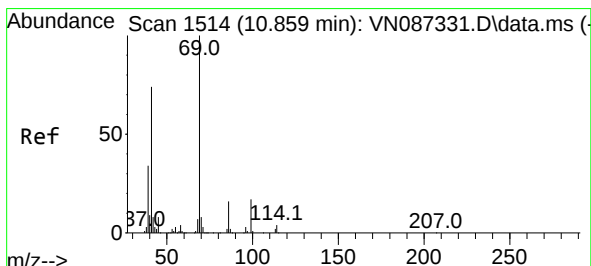
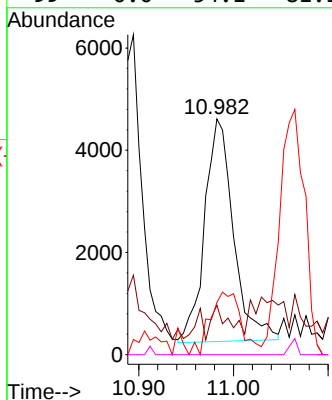
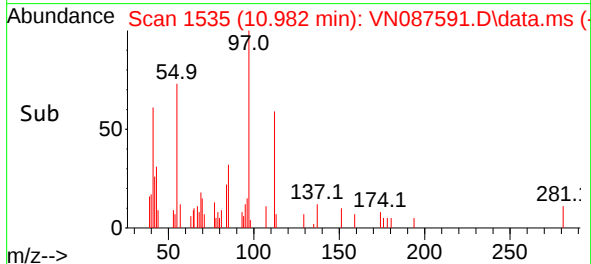


#55
1,1,2-Trichloroethane
Concen: 2.025 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.018 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

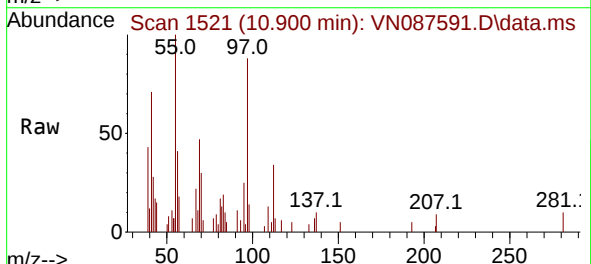
Instrument :
MSVOA_N
ClientSampleId :



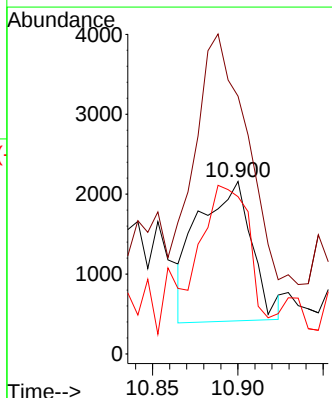
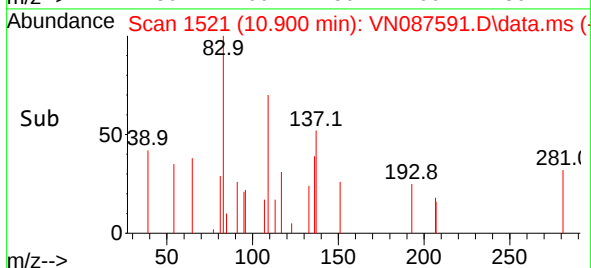
Tgt Ion: 97	Resp: 9229
Ion Ratio	Lower Upper
97 100	
83 10.9	72.6 109.0#
85 11.6	46.7 70.1#
99 0.0	54.1 81.1#

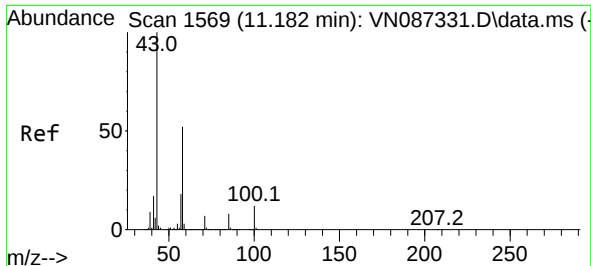


#56
Ethyl methacrylate
Concen: 1.140 ug/l
RT: 10.900 min Scan# 1521
Delta R.T. 0.041 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34



Tgt Ion: 69	Resp: 3793		
Ion Ratio	Lower	Upper	
69 100			
41 172.4	55.1	82.7#	
39 110.7	27.9	41.9#	

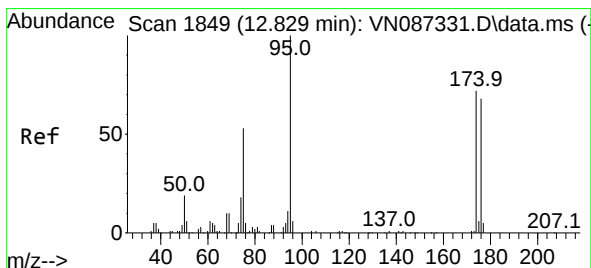
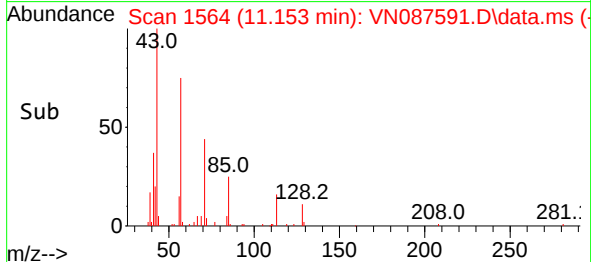
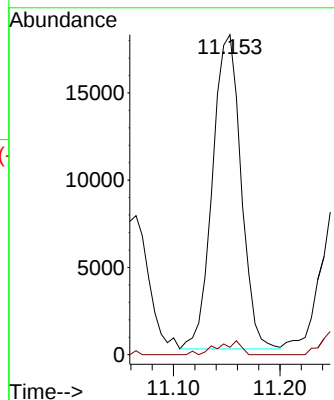
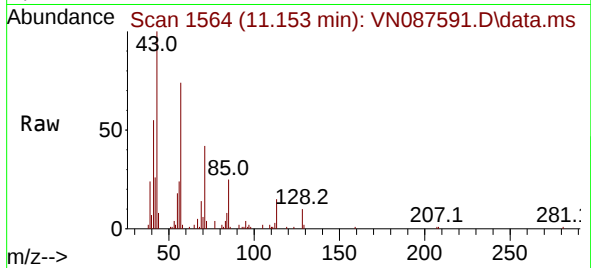




#59
2-Hexanone
Concen: 6.214 ug/l
RT: 11.153 min Scan# 11
Delta R.T. -0.029 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

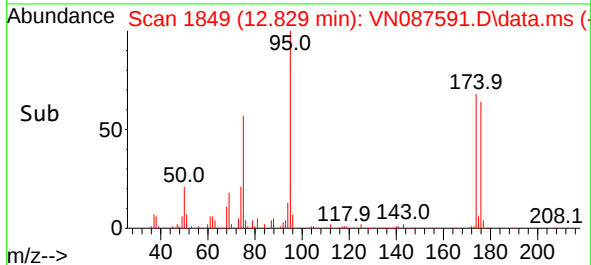
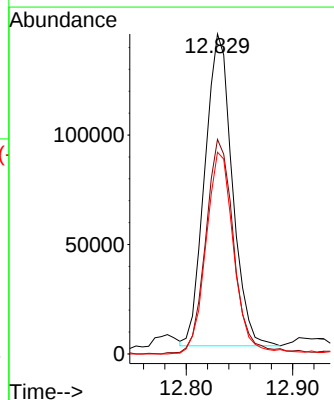
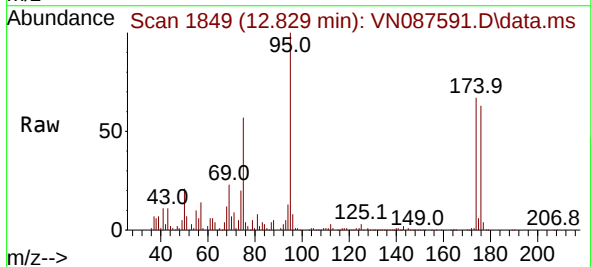
Instrument :
MSVOA_N
ClientSampleId :

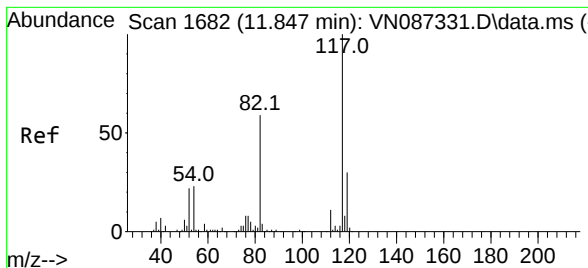
Tgt Ion: 43 Resp: 33490
Ion Ratio Lower Upper
43 100
58 3.6 26.7 80.0#



#62
4-Bromofluorobenzene
Concen: 44.595 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 95 Resp: 254856
Ion Ratio Lower Upper
95 100
174 71.0 0.0 149.4
176 65.8 0.0 141.2

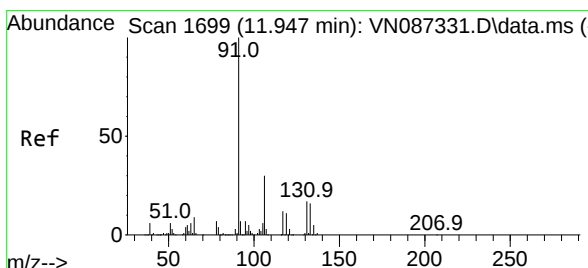
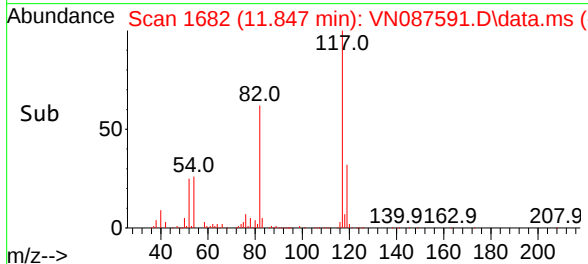
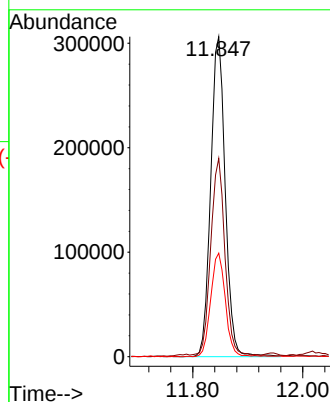
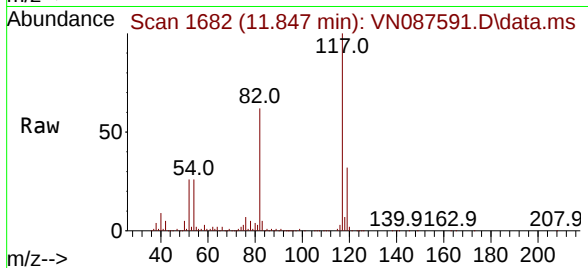




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

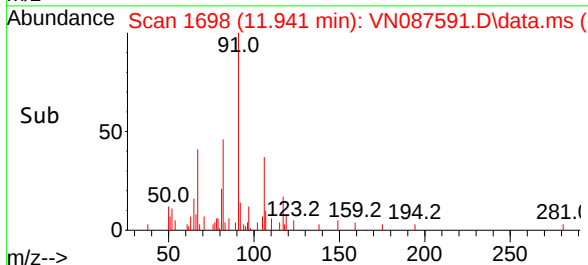
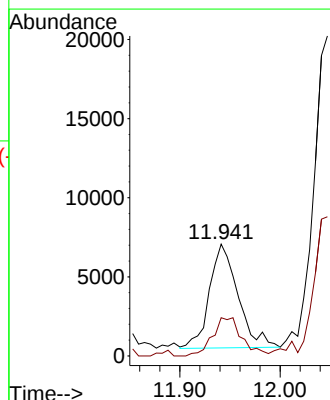
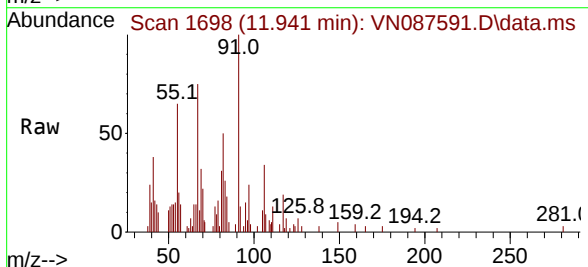
Instrument :
MSVOA_N
ClientSampleId :

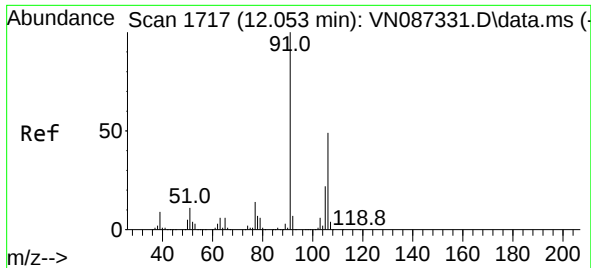
Tgt Ion:117 Resp: 562483
Ion Ratio Lower Upper
117 100
82 61.5 47.4 71.2
119 32.4 23.8 35.8



#67
Ethyl Benzene
Concen: 0.623 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 91 Resp: 12955
Ion Ratio Lower Upper
91 100
106 37.1 24.3 36.5#

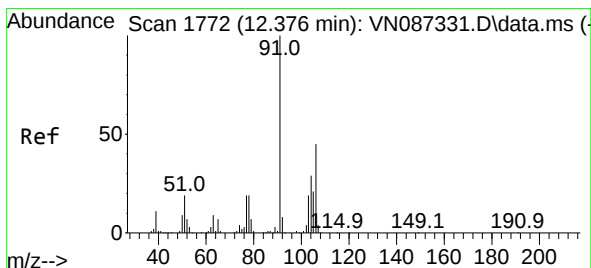
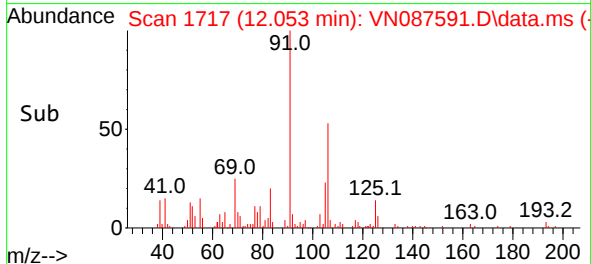
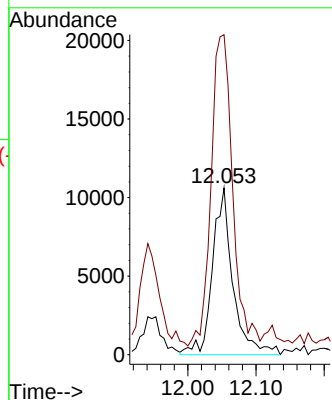
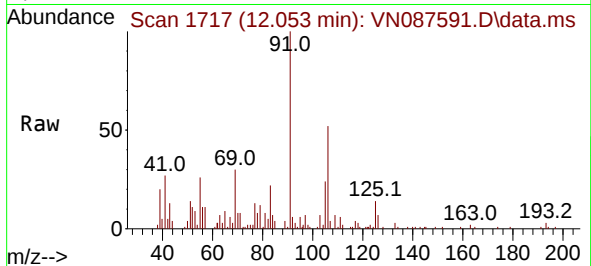




#68
m/p-Xylenes
Concen: 2.834 ug/l
RT: 12.053 min Scan# 1717
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

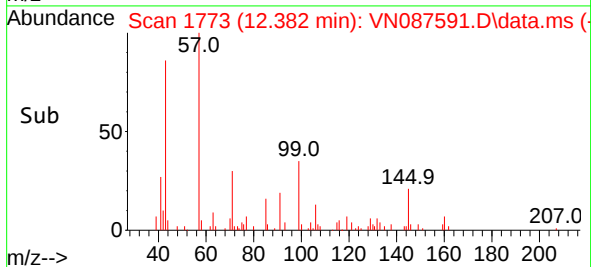
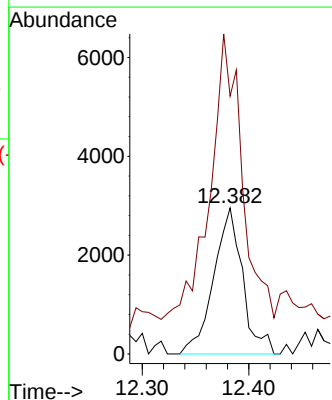
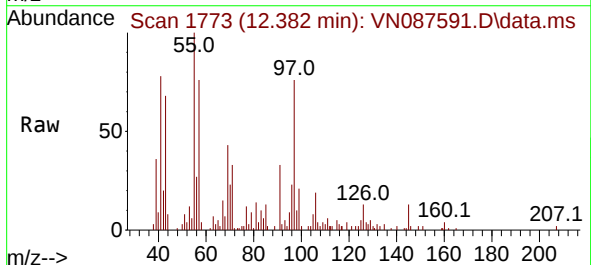
Instrument :
MSVOA_N
ClientSampleId :

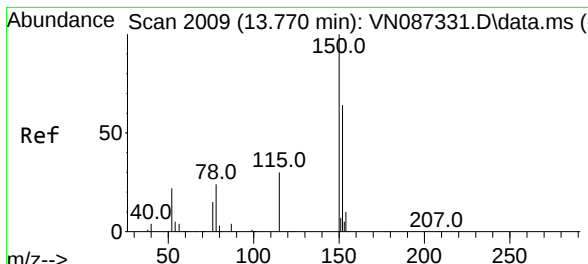
Tgt Ion:106 Resp: 22063
Ion Ratio Lower Upper
106 100
91 196.8 162.0 243.0



#69
o-Xylene
Concen: 0.750 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. 0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion:106 Resp: 5578
Ion Ratio Lower Upper
106 100
91 212.9 107.7 323.3

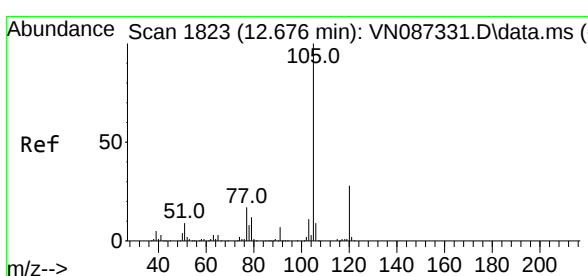
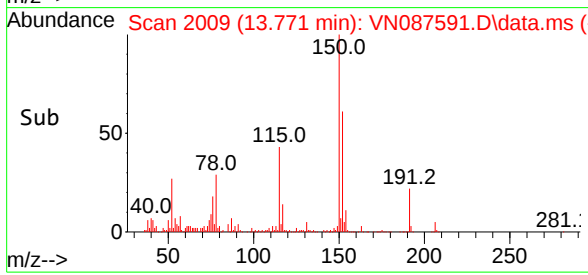
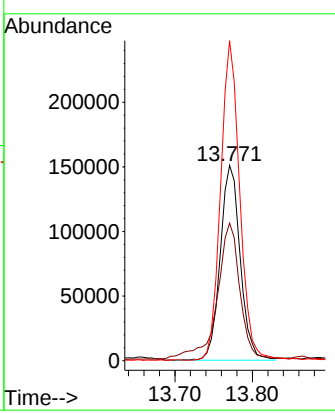
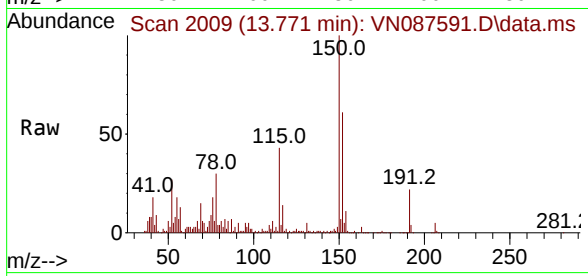




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.771 min Scan# 20
 Delta R.T. 0.000 min
 Lab File: VN087591.D
 Acq: 15 Aug 2025 18:34

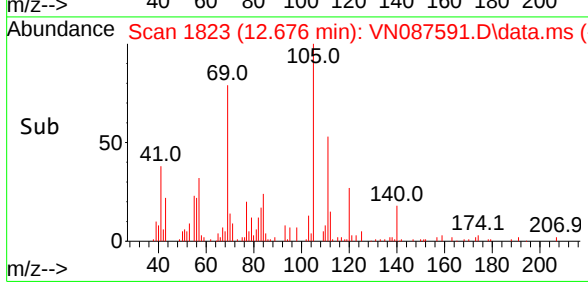
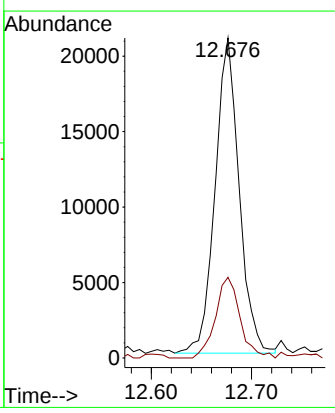
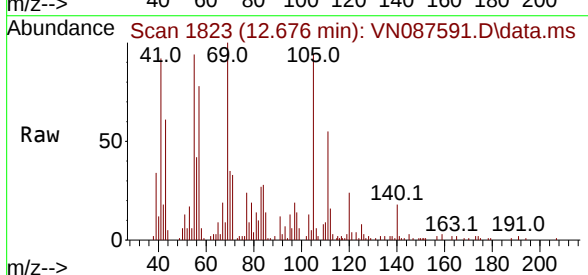
Instrument :
 MSVOA_N
 ClientSampleId :

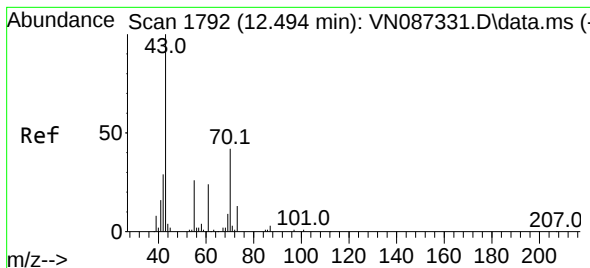
Tgt Ion:	152	Resp:	271137
Ion	Ratio	Lower	Upper
152	100		
115	79.4	31.1	93.5
150	156.6	0.0	349.0



#73
 Isopropylbenzene
 Concen: 2.036 ug/l
 RT: 12.676 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: VN087591.D
 Acq: 15 Aug 2025 18:34

Tgt Ion:	105	Resp:	34738
Ion	Ratio	Lower	Upper
105	100		
120	26.1	13.4	40.1





#74

N-amy1 acetate

Concen: 14.066 ug/l

RT: 12.459 min Scan# 1

Delta R.T. -0.035 min

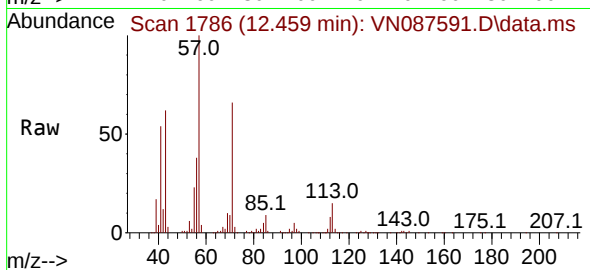
Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 43 Resp: 99726

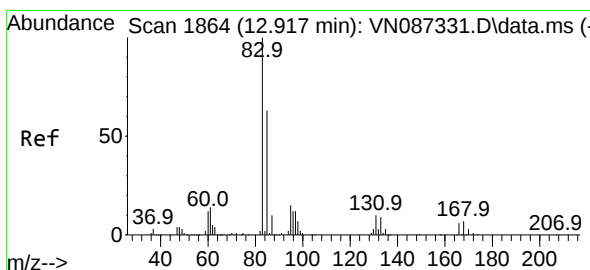
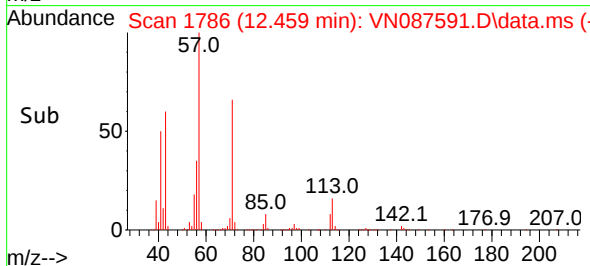
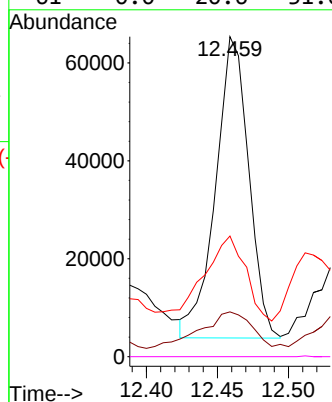
Ion Ratio Lower Upper

43 100

70 19.1 37.6 56.4#

55 45.0 19.6 29.4#

61 0.0 20.6 31.0#



#75

1,1,2,2-Tetrachloroethane

Concen: 1.794 ug/l

RT: 12.906 min Scan# 1862

Delta R.T. -0.012 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

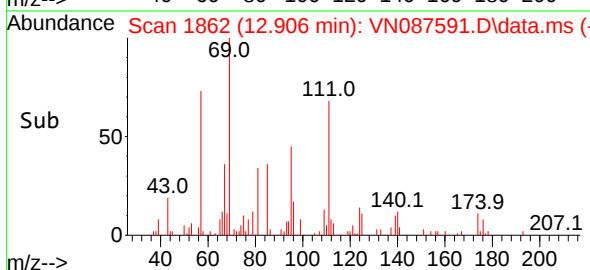
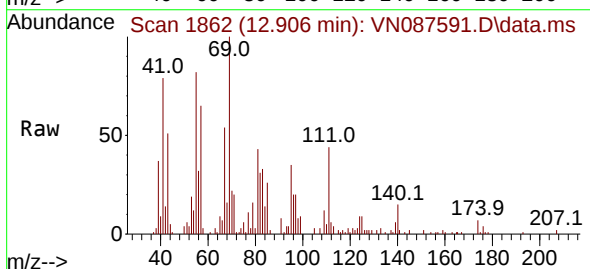
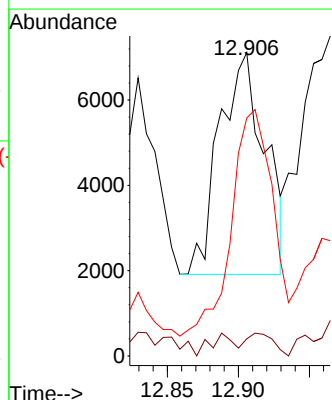
Tgt Ion: 83 Resp: 11520

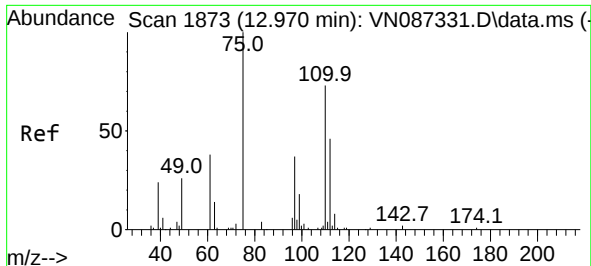
Ion Ratio Lower Upper

83 100

131 6.1 5.1 15.3

85 92.5 32.5 97.4

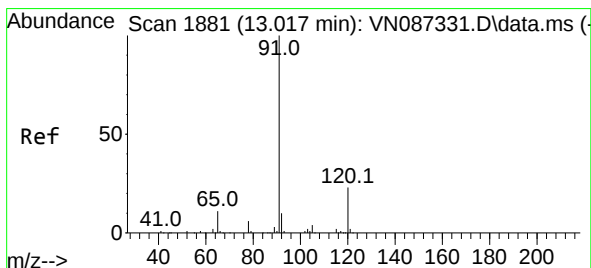
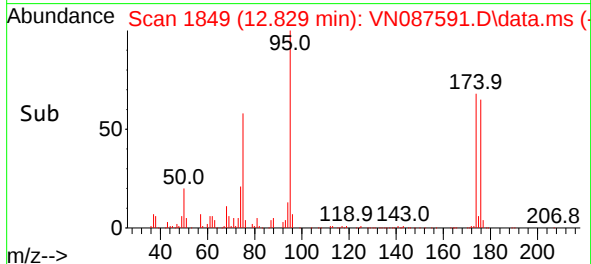
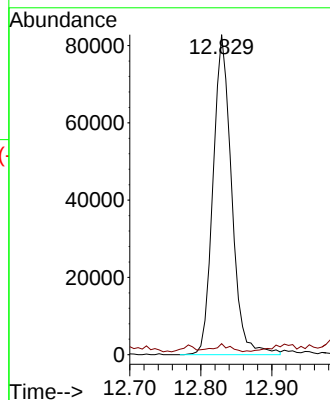
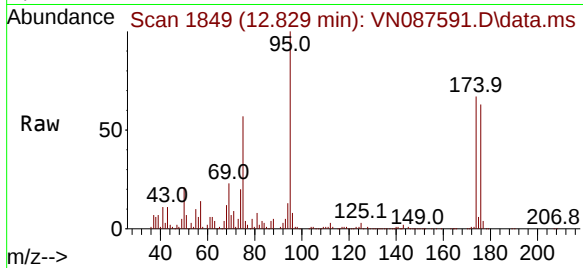




#76
1,2,3-Trichloropropane
Concen: 24.655 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

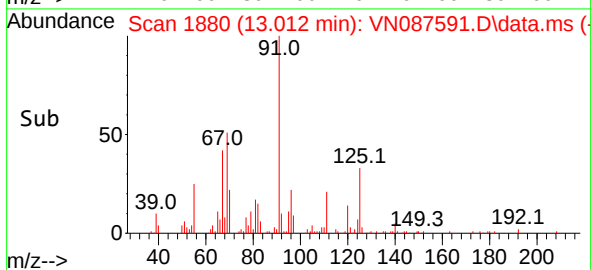
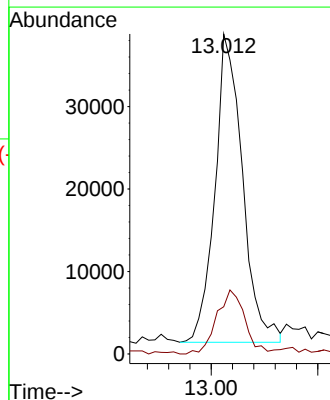
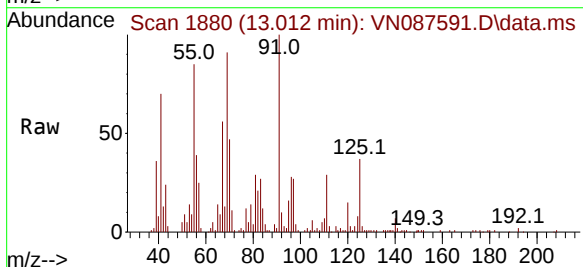
Instrument :
MSVOA_N
ClientSampleId :

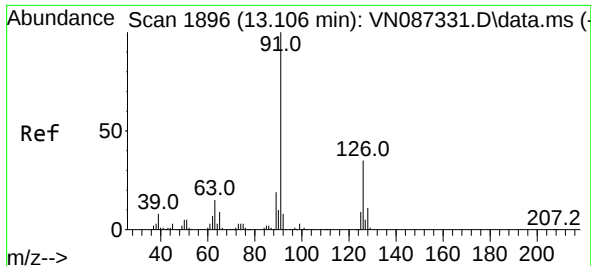
Tgt Ion: 75 Resp: 149903
Ion Ratio Lower Upper
75 100
77 2.0 94.5 283.6#



#78
n-propylbenzene
Concen: 3.122 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 91 Resp: 67031
Ion Ratio Lower Upper
91 100
120 21.3 11.3 33.8

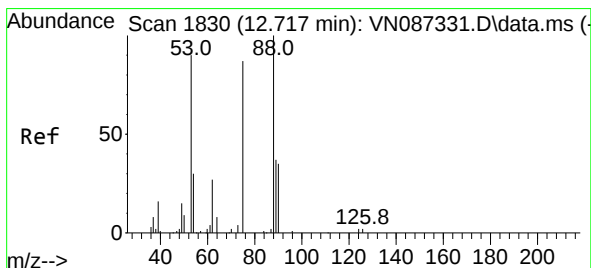
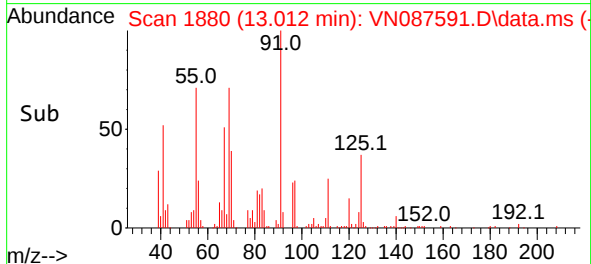
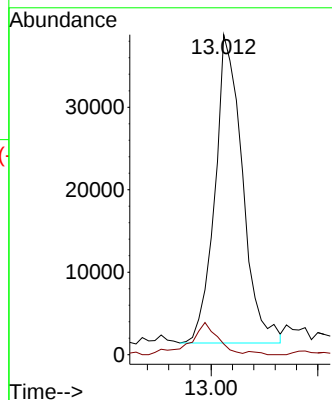
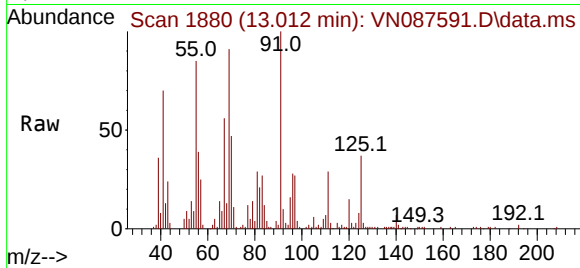




#79
2-Chlorotoluene
Concen: 5.080 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.094 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

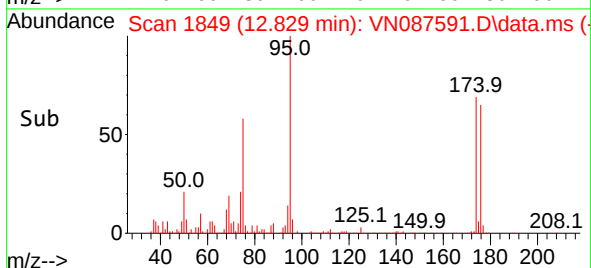
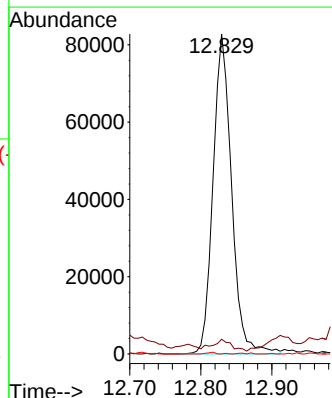
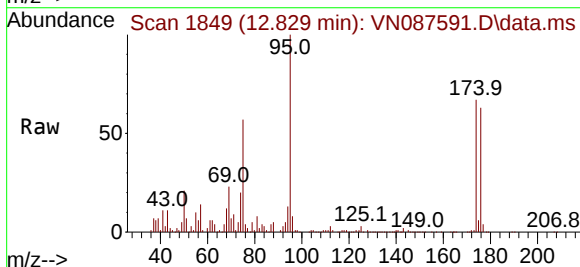
Instrument :
MSVOA_N
ClientSampleId :

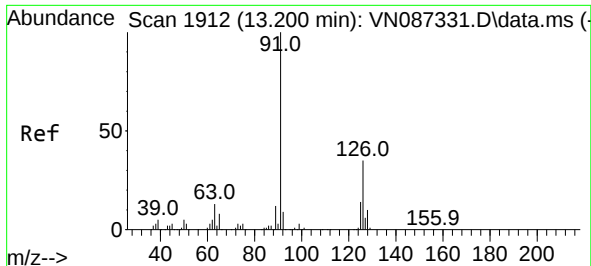
Tgt Ion: 91 Resp: 67031
Ion Ratio Lower Upper
91 100
126 10.4 16.9 50.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 67.460 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 75 Resp: 149903
Ion Ratio Lower Upper
75 100
53 3.7 83.5 125.3#
89 0.0 38.4 57.6#

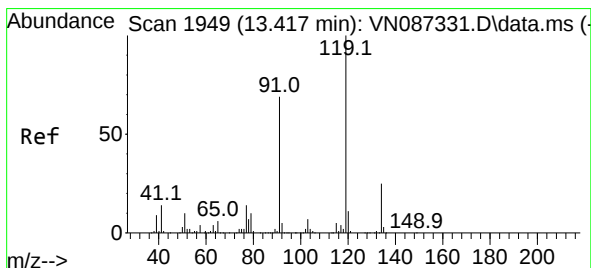
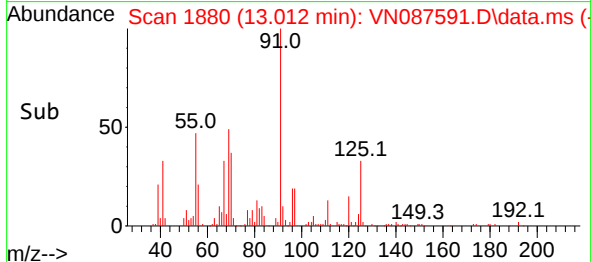
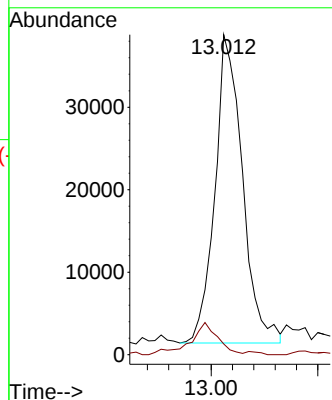
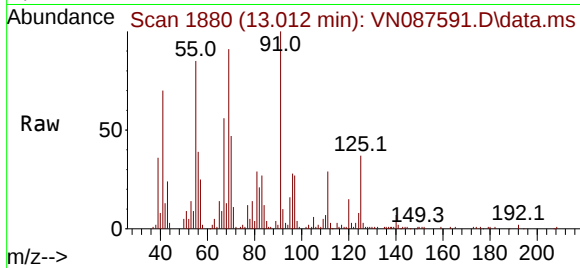




#82
4-Chlorotoluene
Concen: 4.879 ug/l
RT: 13.012 min Scan# 11
Delta R.T. -0.188 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

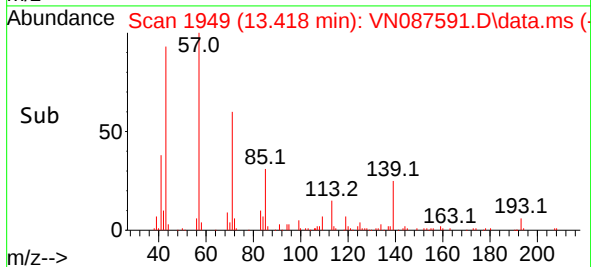
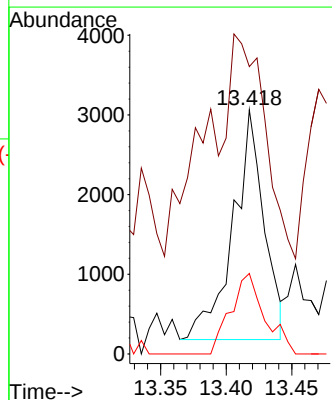
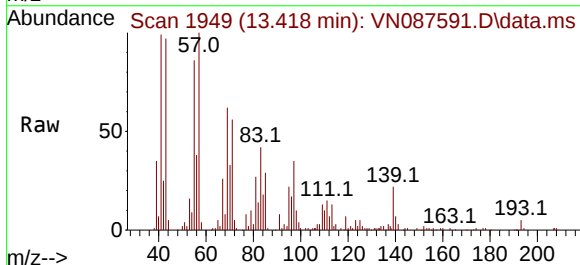
Instrument :
MSVOA_N
ClientSampleId :

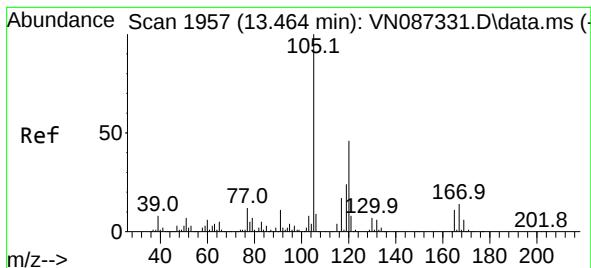
Tgt Ion: 91 Resp: 67031
Ion Ratio Lower Upper
91 100
126 10.4 16.6 49.7#



#83
tert-Butylbenzene
Concen: 0.390 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 119 Resp: 4732
Ion Ratio Lower Upper
119 100
91 181.4 35.0 105.1#
134 38.5 12.6 37.6#





#84

1,2,4-Trimethylbenzene

Concen: 9.109 ug/l

RT: 13.594 min Scan# 1957

Delta R.T. 0.130 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

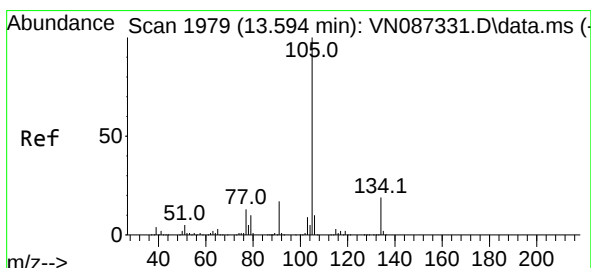
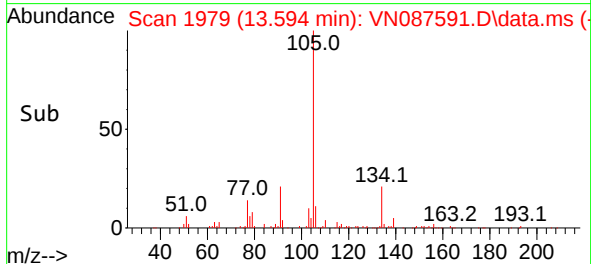
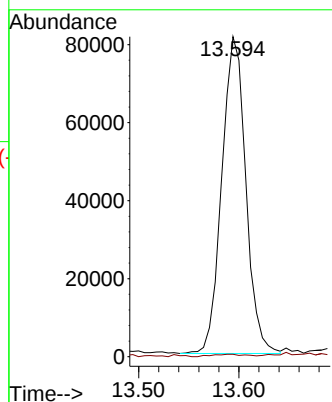
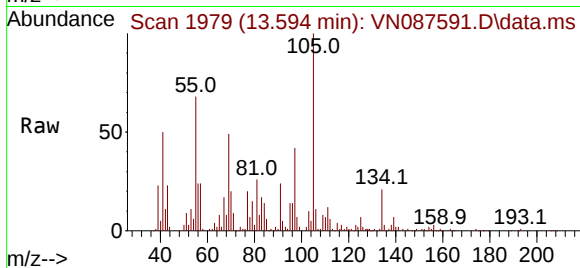
ClientSampleId :

Tgt Ion:105 Resp: 135246

Ion Ratio Lower Upper

105 100

120 1.1 22.8 68.3#



#85

sec-Butylbenzene

Concen: 7.397 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087591.D

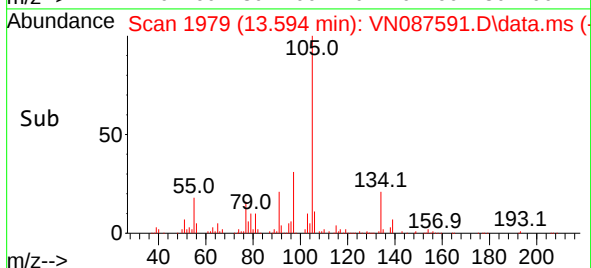
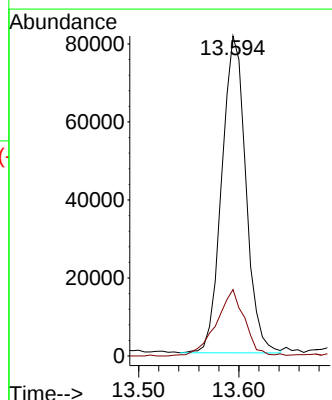
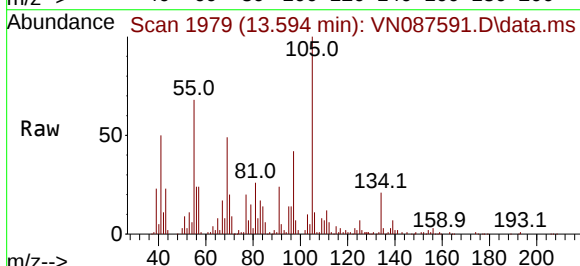
Acq: 15 Aug 2025 18:34

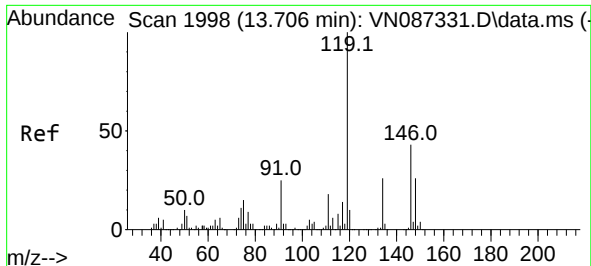
Tgt Ion:105 Resp: 135303

Ion Ratio Lower Upper

105 100

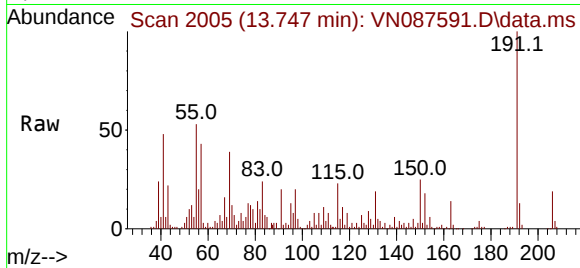
134 24.8 9.8 29.4



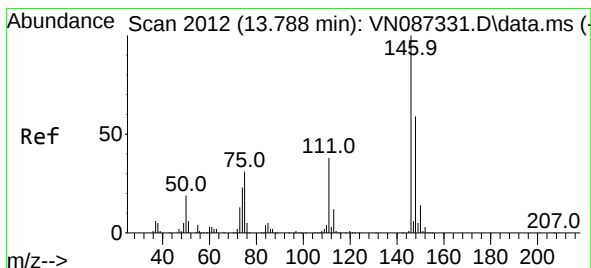
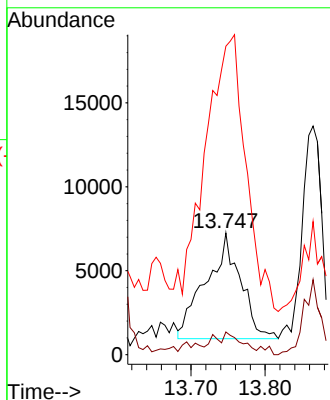
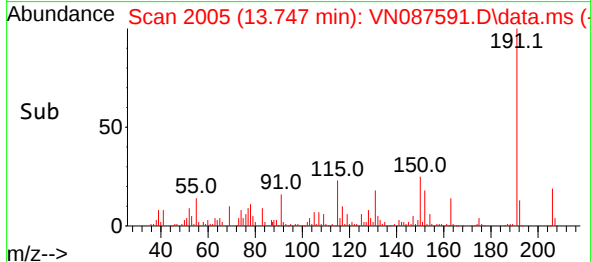


#86
p-Isopropyltoluene
Concen: 1.390 ug/l
RT: 13.747 min Scan# 2005
Delta R.T. 0.041 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

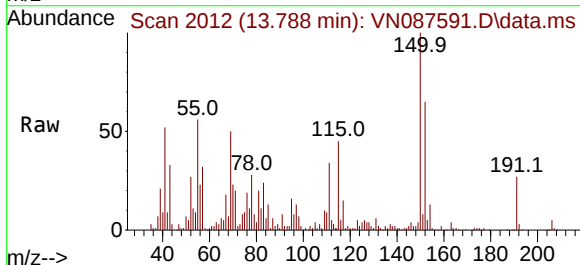
Instrument :
MSVOA_N
ClientSampleId :



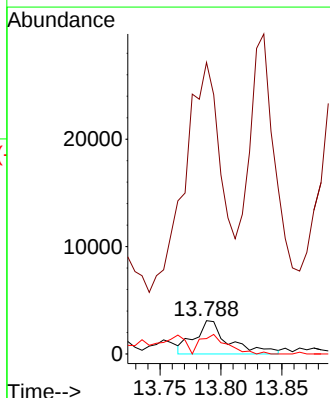
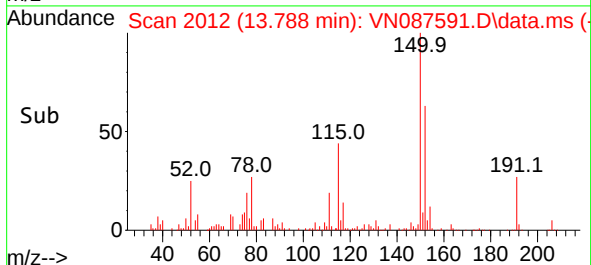
Tgt Ion:119 Resp: 20375
Ion Ratio Lower Upper
119 100
134 0.0 13.5 40.5#
91 312.3 12.2 36.6#

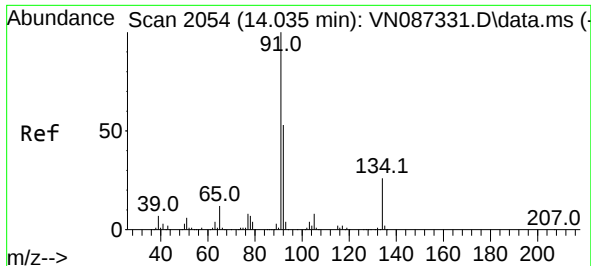


#88
1,4-Dichlorobenzene
Concen: 0.649 ug/l
RT: 13.788 min Scan# 2012
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34



Tgt Ion:146 Resp: 6021
Ion Ratio Lower Upper
146 100
111 737.3 19.6 58.7#
148 45.7 31.4 94.0

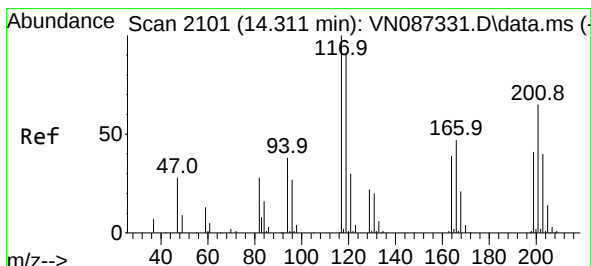
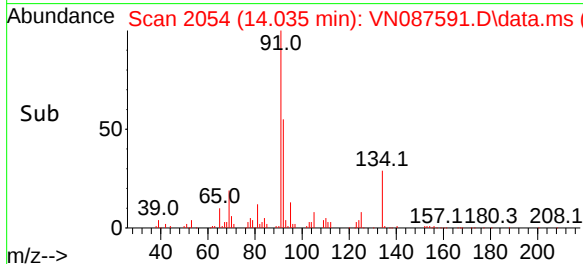
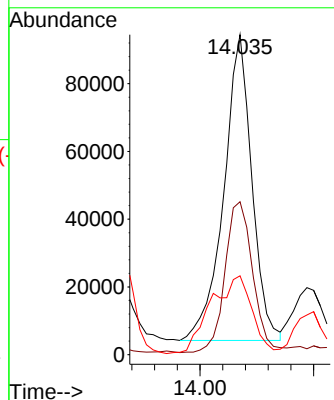
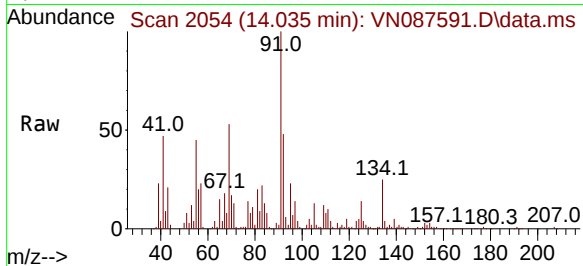




#89
n-Butylbenzene
Concen: 11.068 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

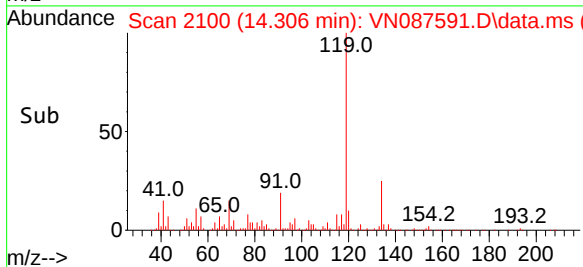
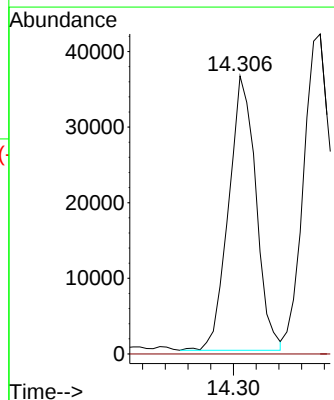
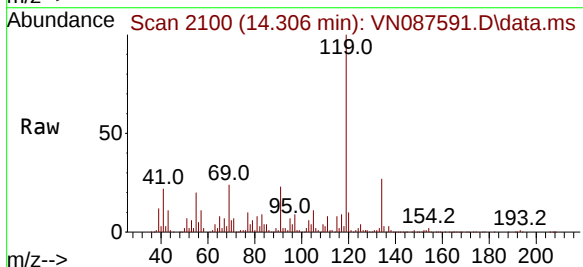
Instrument :
MSVOA_N
ClientSampleId :

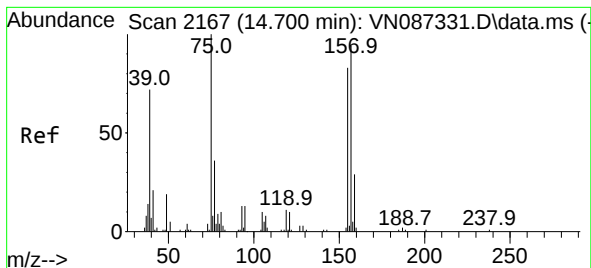
Tgt Ion: 91 Resp: 154925
Ion Ratio Lower Upper
91 100
92 48.9 26.2 78.6
134 37.5 12.4 37.2#



#90
Hexachloroethane
Concen: 19.507 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN087591.D
Acq: 15 Aug 2025 18:34

Tgt Ion: 117 Resp: 60587
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#

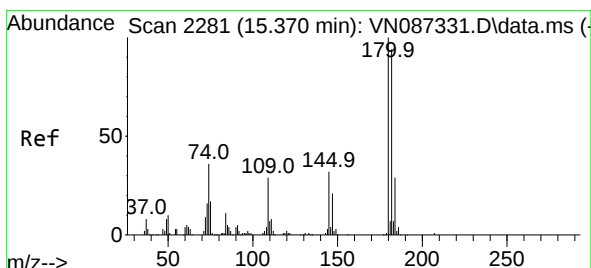
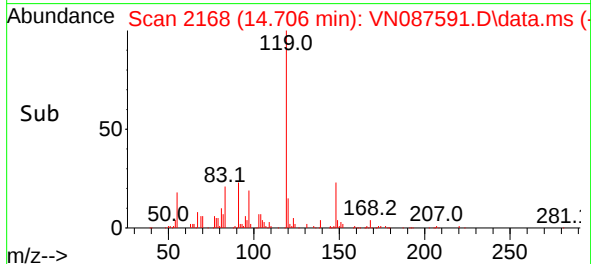
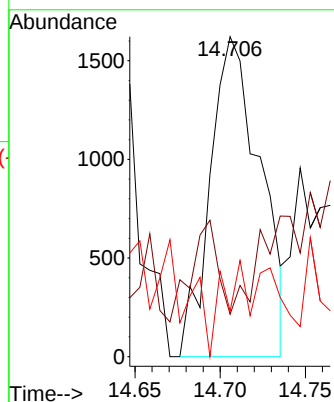
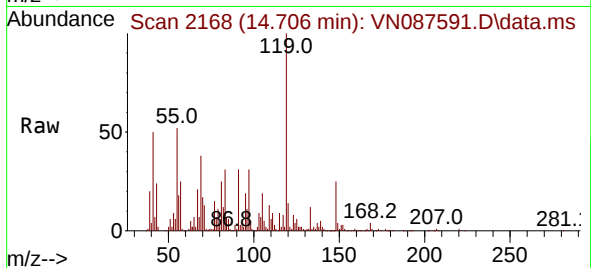




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 1.956 ug/l
 RT: 14.706 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087591.D
 Acq: 15 Aug 2025 18:34

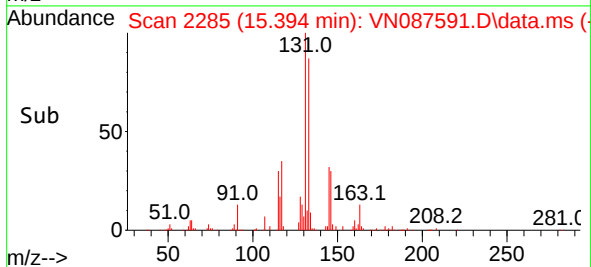
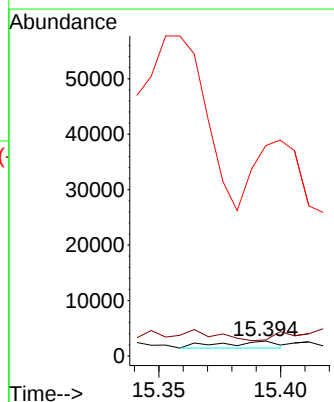
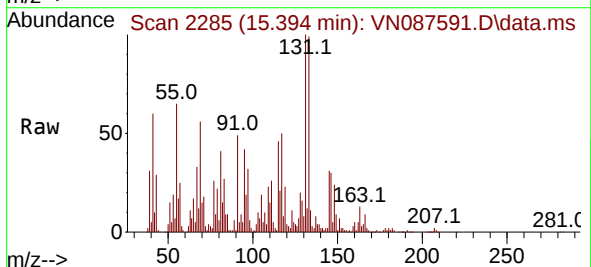
Instrument :
 MSVOA_N
 ClientSampleId :

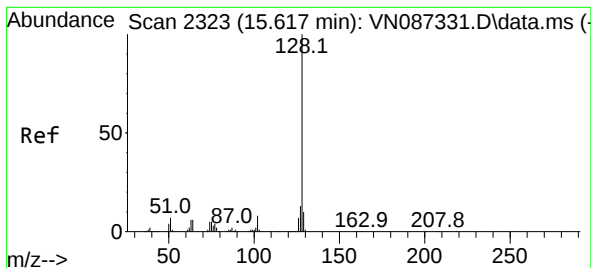
Tgt Ion: 75 Resp: 3297
 Ion Ratio Lower Upper
 75 100
 155 17.1 37.3 111.8#
 157 14.5 46.2 138.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.414 ug/l
 RT: 15.394 min Scan# 2285
 Delta R.T. 0.024 min
 Lab File: VN087591.D
 Acq: 15 Aug 2025 18:34

Tgt Ion: 180 Resp: 2002
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 4528.4 15.4 46.4#





#95

Naphthalene

Concen: 1.404 ug/l

RT: 15.570 min Scan# 21

Delta R.T. -0.047 min

Lab File: VN087591.D

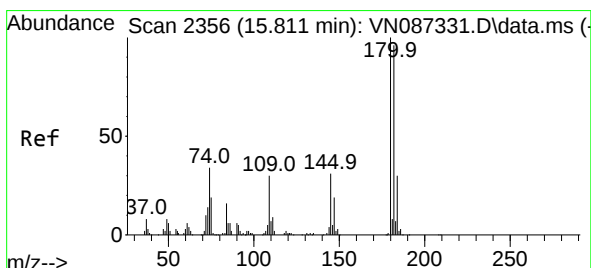
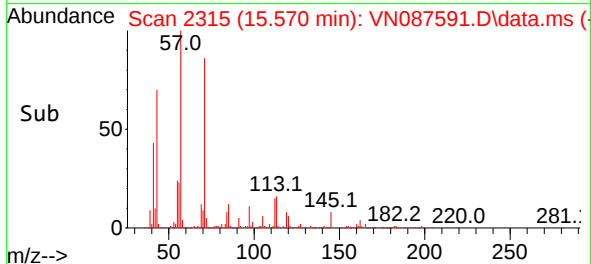
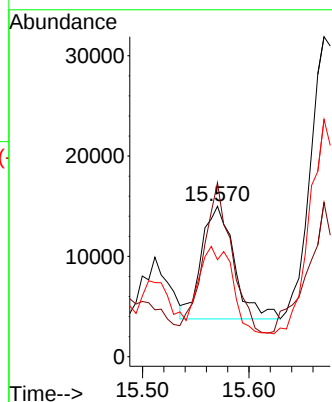
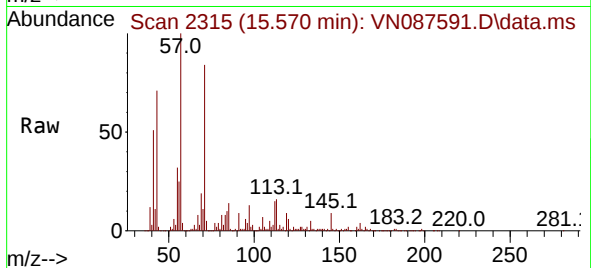
Acq: 15 Aug 2025 18:34

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:128	Resp:	24035
Ion Ratio	Lower	Upper
128	100	
127	114.9	10.5 15.7#
129	77.0	8.4 12.6#



#96

1,2,3-Trichlorobenzene

Concen: 2.385 ug/l

RT: 15.835 min Scan# 2360

Delta R.T. 0.024 min

Lab File: VN087591.D

Acq: 15 Aug 2025 18:34

Tgt Ion:180	Resp:	11563
Ion Ratio	Lower	Upper
180	100	
182	32.4	47.1 141.4#
145	0.0	16.9 50.6#

