

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091125\
 Data File : VN087793.D
 Acq On : 11 Sep 2025 13:25
 Operator : JC\MD
 Sample : VN0911MBL01
 Misc : 5.0G/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

Quant Time: Sep 12 02:50:42 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 22 02:55:42 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	196159	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	438825	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	405008	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	186632	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	196234	48.826	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	97.660%
35) Dibromofluoromethane	8.147	113	156560	49.414	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	98.820%
50) Toluene-d8	10.547	98	554546	46.764	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	93.520%
62) 4-Bromofluorobenzene	12.829	95	183962	43.622	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	87.240%

Target Compounds						Qvalue
3) Chloromethane	2.377	50	904	0.316	ug/l #	42
5) Bromomethane	2.989	94	2105	1.229	ug/l #	66
10) Methyl Iodide	4.583	142	761	7.130	ug/l #	61
11) Tert butyl alcohol	5.536	59	311	0.446	ug/l #	71
12) 1,1-Dichloroethene	4.336	96	625	0.221	ug/l #	16
13) Acrolein	4.183	56	1562	1.821	ug/l #	14
15) Acrylonitrile	5.730	53	1966	0.999	ug/l #	79
16) Acetone	4.424	43	2106	0.963	ug/l #	47
17) Carbon Disulfide	4.712	76	5910	0.759	ug/l	96
20) Methylene Chloride	5.265	84	1524	Below Cal	#	46
21) trans-1,2-Dichloroethene	5.771	96	1426	0.465	ug/l #	51
23) Vinyl Acetate	6.588	43	5217	0.518	ug/l	97
25) 2-Butanone	7.459	43	2552	0.887	ug/l #	50
27) cis-1,2-Dichloroethene	7.453	96	968	0.264	ug/l	85
29) Tetrahydrofuran	7.841	42	1018	0.550	ug/l #	50
31) Cyclohexane	8.194	56	6895	1.364	ug/l #	62
36) 1,1-Dichloropropene	8.353	75	1146	0.236	ug/l #	56
38) Carbon Tetrachloride	8.206	117	22120	4.609	ug/l #	15
39) Methylcyclohexane	9.588	83	1637	0.306	ug/l #	70
49) 1,4-Dioxane	9.688	88	95	1.494	ug/l #	13
51) 4-Methyl-2-Pentanone	10.441	43	1810	0.289	ug/l	99
53) t-1,3-Dichloropropene	10.812	75	1257	0.212	ug/l #	74
58) 2-Chloroethyl Vinyl ether	10.147	63	1247	0.403	ug/l #	66
64) Tetrachloroethene	11.076	164	769	0.274	ug/l #	71
68) m/p-Xylenes	12.053	106	1724	0.269	ug/l #	72
76) 1,2,3-Trichloropropane	12.829	75	101912	23.286	ug/l #	1
77) Bromobenzene	12.964	156	717	0.202	ug/l	78
78) n-propylbenzene	13.023	91	5691	0.306	ug/l #	74
79) 2-Chlorotoluene	13.212	91	3013	0.270	ug/l	97
80) 1,3,5-Trimethylbenzene	13.147	105	2613	0.204	ug/l #	65
81) trans-1,4-Dichloro-2-b...	12.829	75	101912	61.646	ug/l #	1
82) 4-Chlorotoluene	13.212	91	3013	0.256	ug/l	98
83) tert-Butylbenzene	13.417	119	2970	0.279	ug/l	88
84) 1,2,4-Trimethylbenzene	13.453	105	2944	0.230	ug/l	87
85) sec-Butylbenzene	13.600	105	5044	0.319	ug/l	93
86) p-Isopropyltoluene	13.706	119	3978	0.304	ug/l	96

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Sample : VN0911MBL01
Misc : 5.0G/10mL/100uL/5.0mL/MSVOA_N/MEOH
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

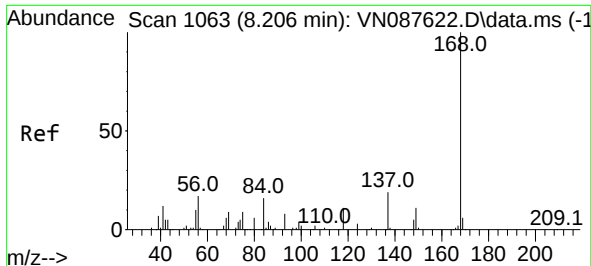
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N082125W.M
Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
87) 1,3-Dichlorobenzene	13.717	146	2375	0.339	ug/l	86
88) 1,4-Dichlorobenzene	13.717	146	2375	0.326	ug/l	85
89) n-Butylbenzene	14.029	91	5606	0.432	ug/l	93
90) Hexachloroethane	14.306	117	824	0.331	ug/l #	55
91) 1,2-Dichlorobenzene	14.088	146	1520	0.229	ug/l	88
93) 1,2,4-Trichlorobenzene	15.370	180	3447	0.864	ug/l	97
94) Hexachlorobutadiene	15.476	225	1713	1.204	ug/l	90
95) Naphthalene	15.617	128	8929	0.632	ug/l	97
96) 1,2,3-Trichlorobenzene	15.800	180	3141	0.805	ug/l	92

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

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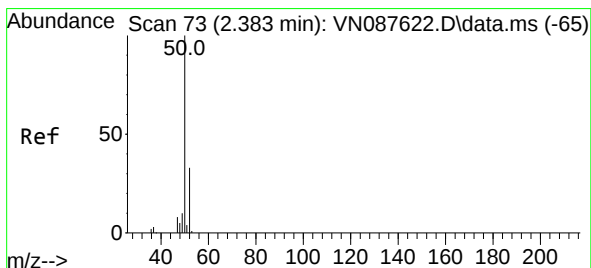
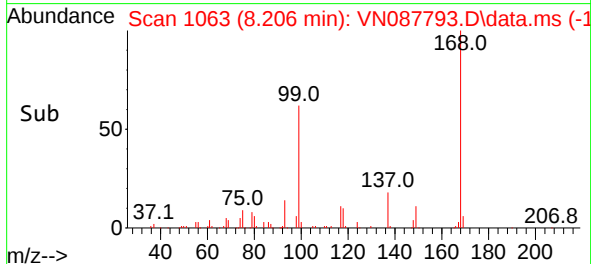
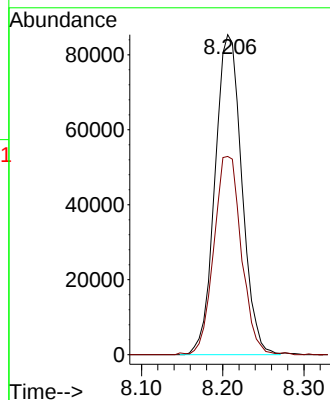
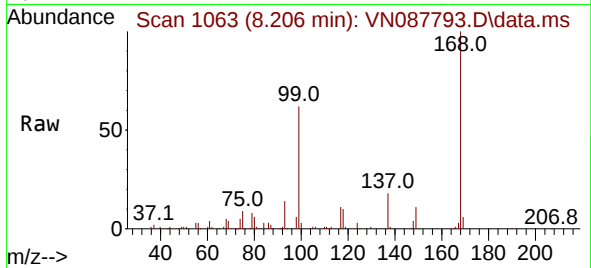




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

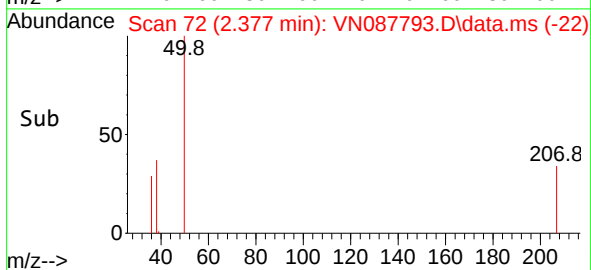
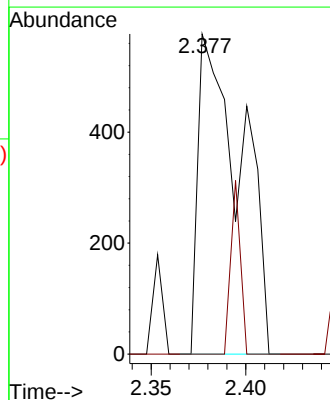
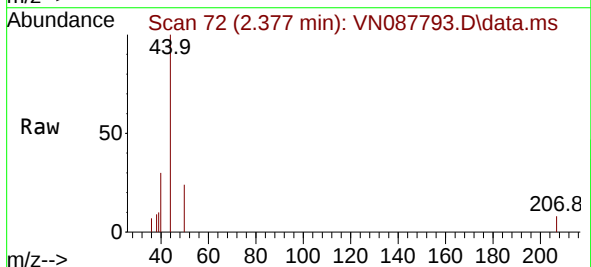
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

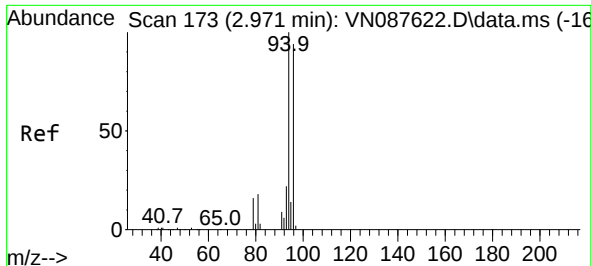
Tgt Ion:168 Resp: 196159
Ion Ratio Lower Upper
168 100
99 61.5 57.2 85.8



#3
Chloromethane
Concen: 0.316 ug/l
RT: 2.377 min Scan# 72
Delta R.T. -0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 50 Resp: 904
Ion Ratio Lower Upper
50 100
52 0.0 26.2 39.4#

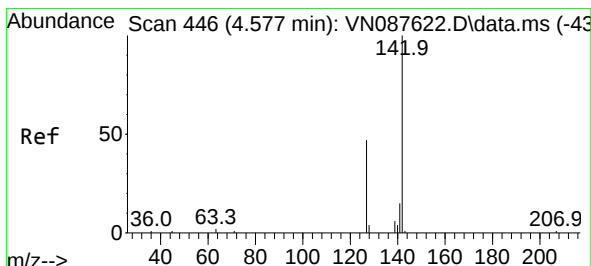
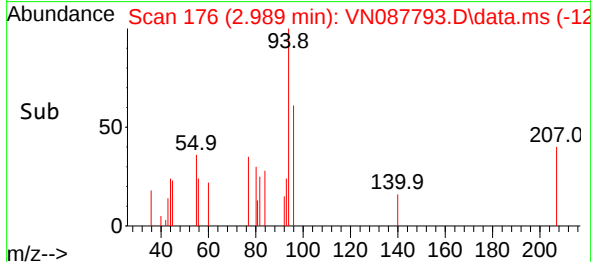
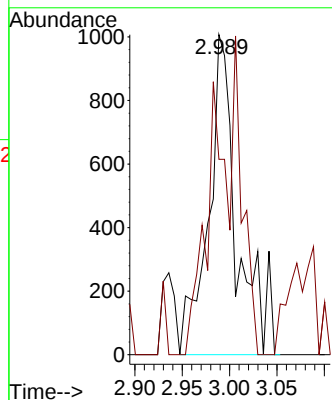
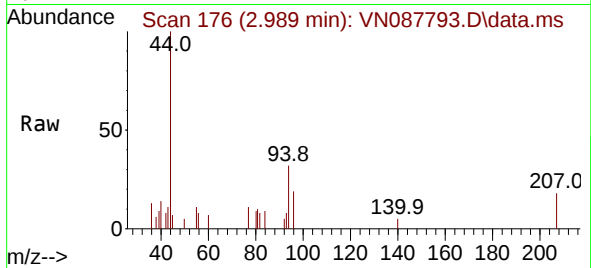




#5
Bromomethane
Concen: 1.229 ug/l
RT: 2.989 min Scan# 11
Delta R.T. 0.017 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

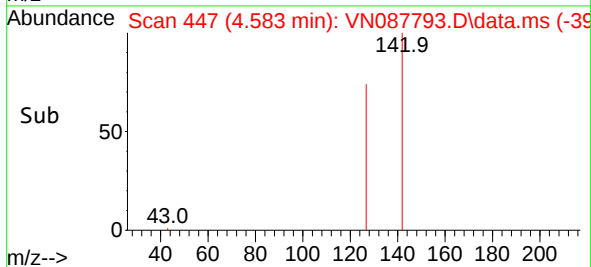
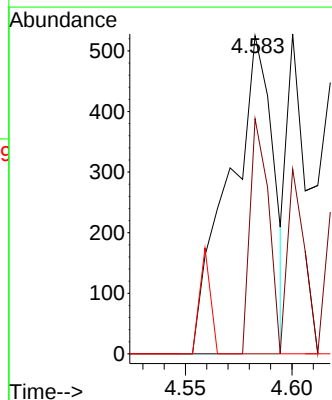
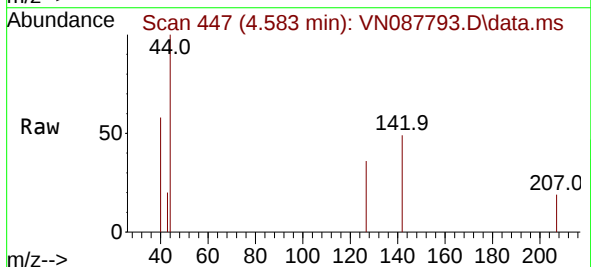
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

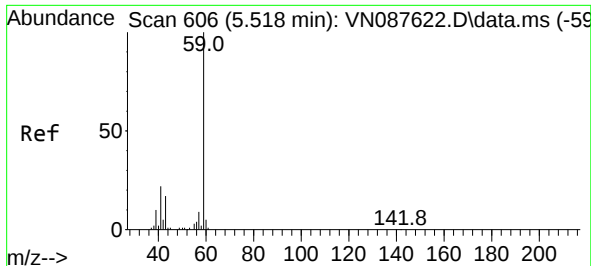
Tgt Ion: 94 Resp: 2105
Ion Ratio Lower Upper
94 100
96 61.1 75.4 113.2#



#10
Methyl Iodide
Concen: 7.130 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 142 Resp: 761
Ion Ratio Lower Upper
142 100
127 73.9 38.0 57.0#
141 0.0 12.0 18.0#

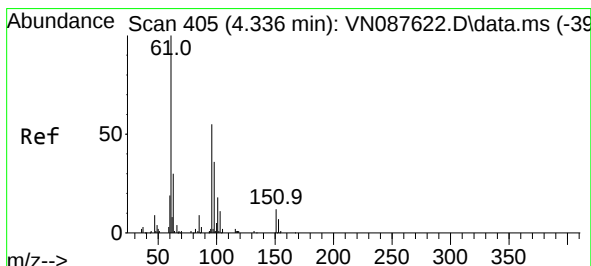
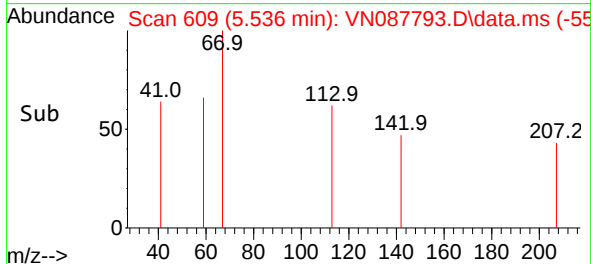
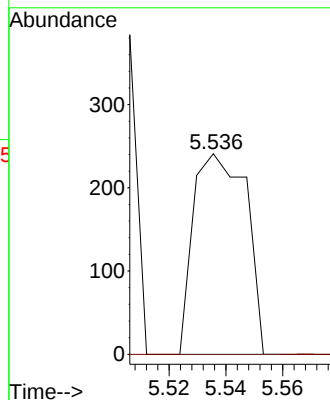
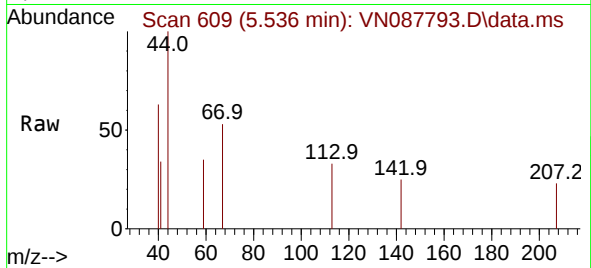




#11
Tert butyl alcohol
Concen: 0.446 ug/l
RT: 5.536 min Scan# 609
Delta R.T. 0.017 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

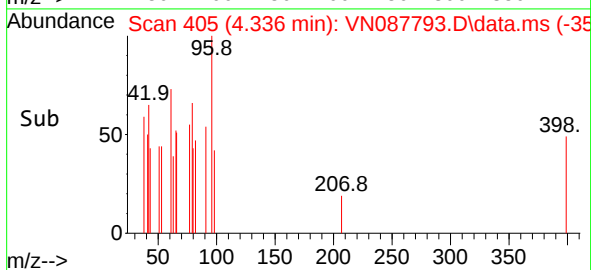
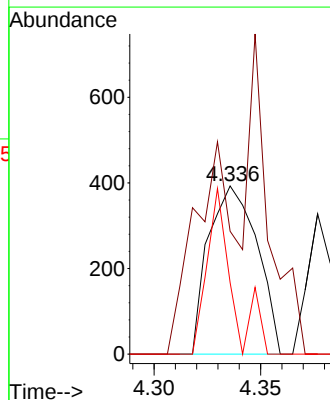
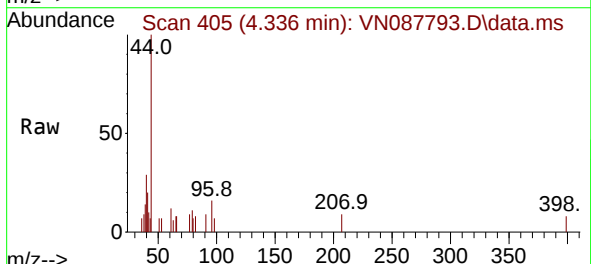
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

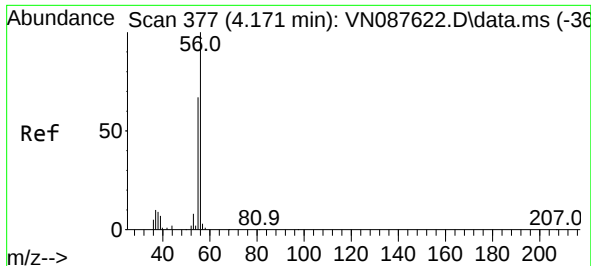
Tgt Ion: 59 Resp: 311
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 0.221 ug/l
RT: 4.336 min Scan# 405
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 96 Resp: 625
Ion Ratio Lower Upper
96 100
61 32.6 143.8 215.8#
98 42.5 52.1 78.1#

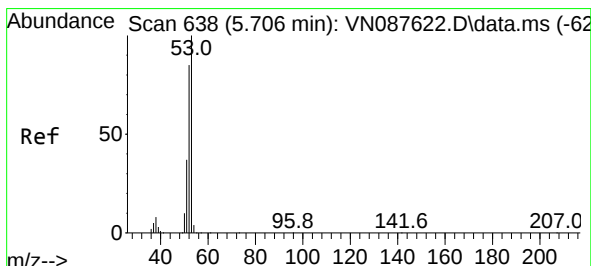
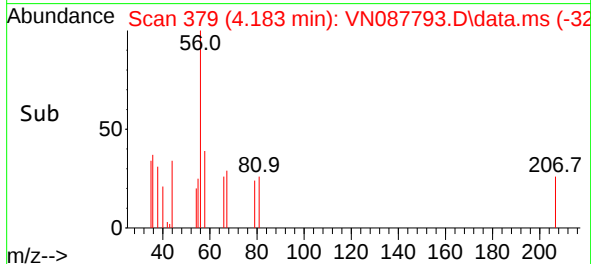
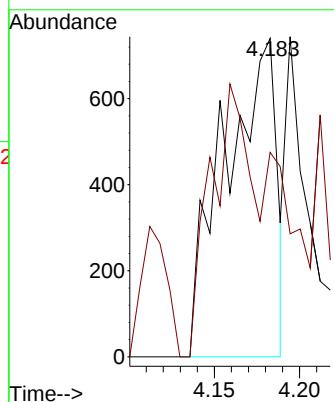
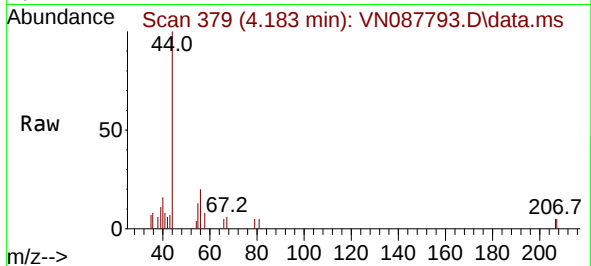




#13
Acrolein
Concen: 1.821 ug/l
RT: 4.183 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

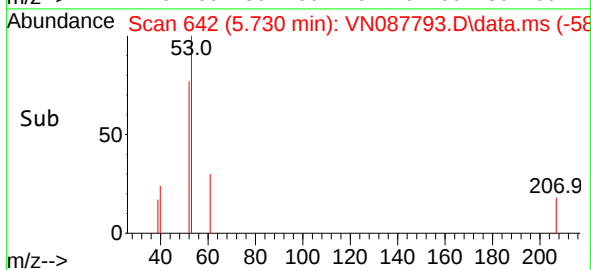
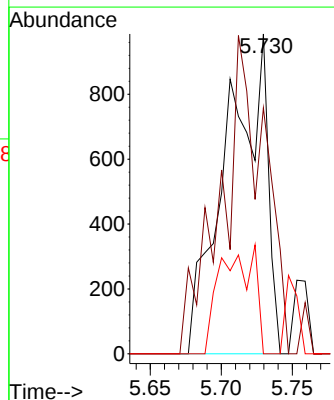
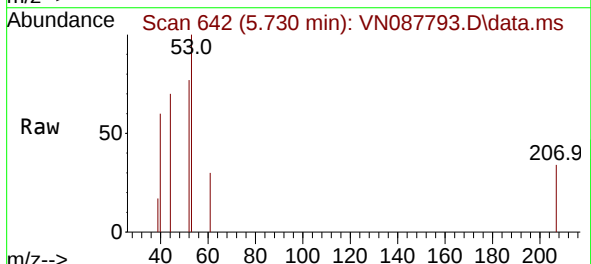
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

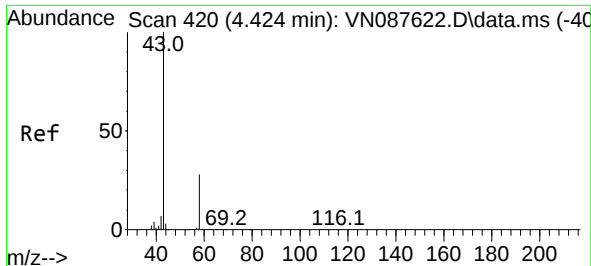
Tgt Ion: 56 Resp: 1562
Ion Ratio Lower Upper
56 100
55 0.0 57.3 85.9#



#15
Acrylonitrile
Concen: 0.999 ug/l
RT: 5.730 min Scan# 642
Delta R.T. 0.023 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 53 Resp: 1966
Ion Ratio Lower Upper
53 100
52 106.2 67.6 101.4#
51 28.3 30.1 45.1#

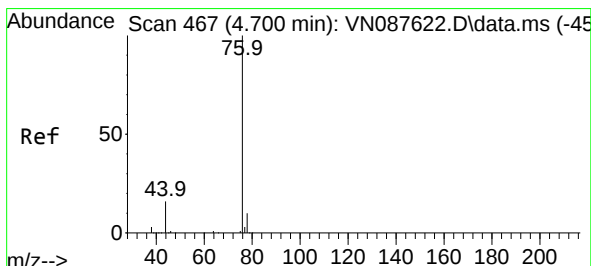
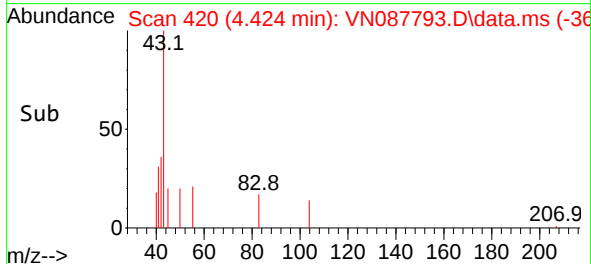
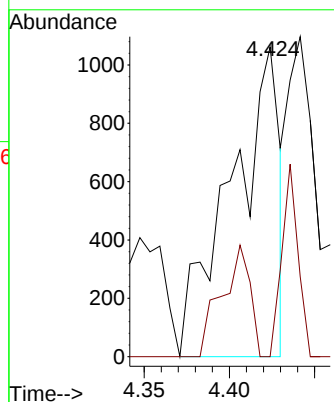
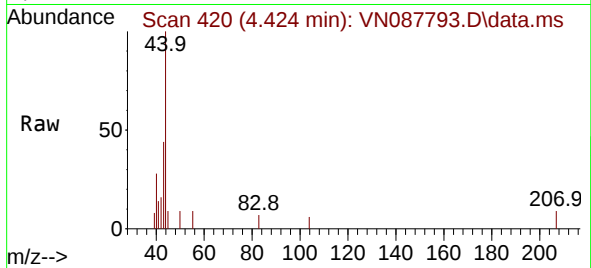




#16
Acetone
Concen: 0.963 ug/l
RT: 4.424 min Scan# 41
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

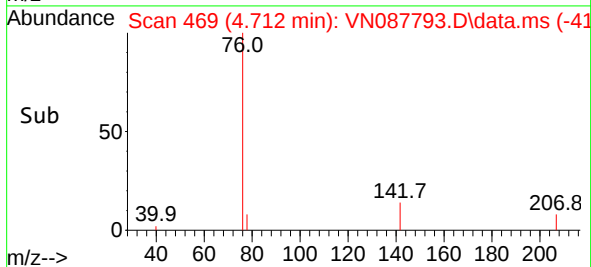
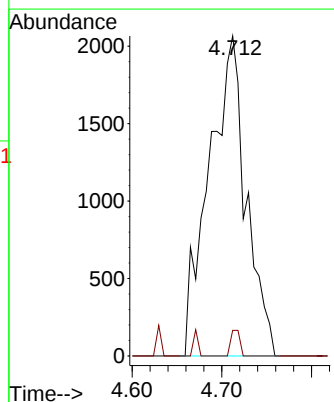
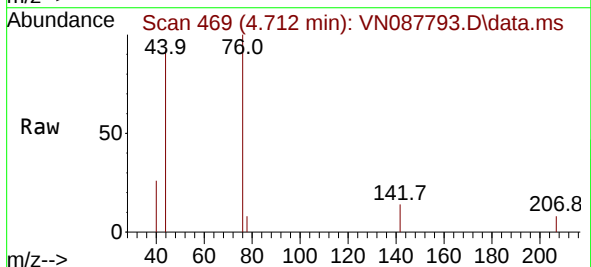
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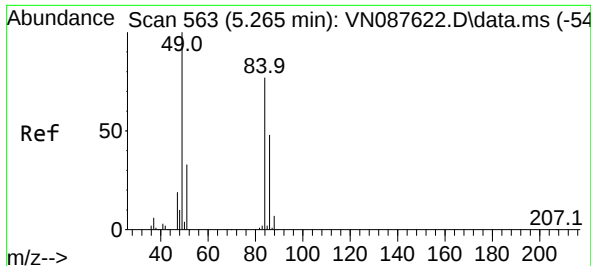
Tgt Ion: 43 Resp: 2106
Ion Ratio Lower Upper
43 100
58 0.0 22.6 33.8#



#17
Carbon Disulfide
Concen: 0.759 ug/l
RT: 4.712 min Scan# 469
Delta R.T. 0.012 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

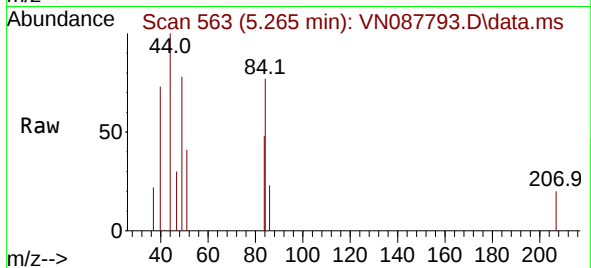
Tgt Ion: 76 Resp: 5910
Ion Ratio Lower Upper
76 100
78 8.0 7.6 11.4



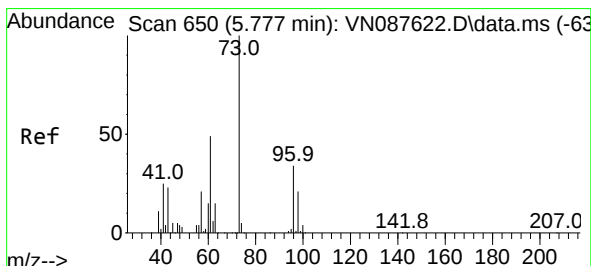
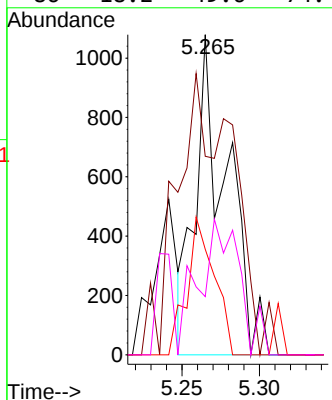
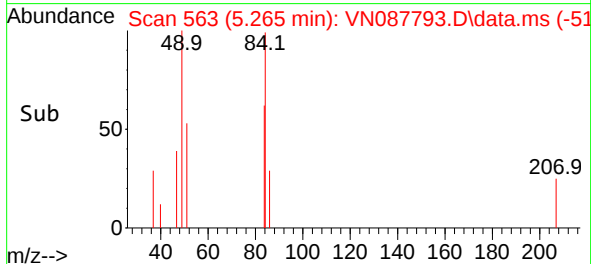


#20
Methylene Chloride
Concen: Below Cal
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

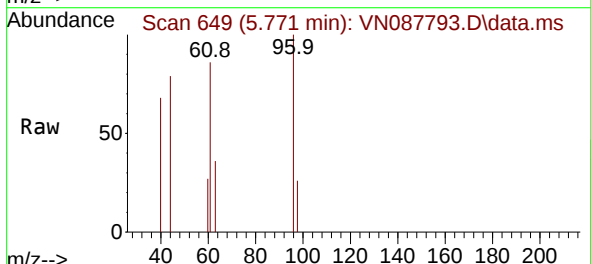
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01



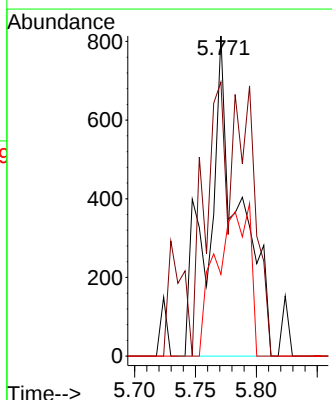
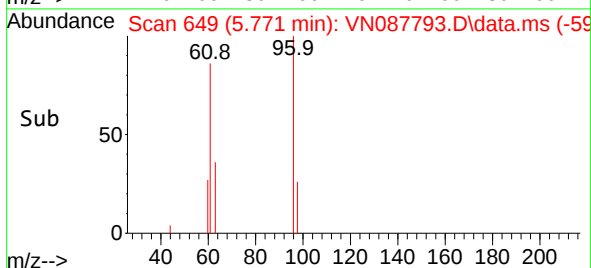
Tgt Ion:	84	Resp:	1524
Ion	Ratio	Lower	Upper
84	100		
49	62.0	103.4	155.2#
51	17.4	33.8	50.8#
86	18.2	49.6	74.4#

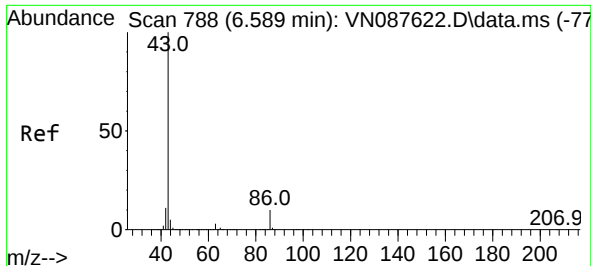


#21
trans-1,2-Dichloroethene
Concen: 0.465 ug/l
RT: 5.771 min Scan# 649
Delta R.T. -0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25



Tgt Ion:	96	Resp:	1426
Ion	Ratio	Lower	Upper
96	100		
61	85.6	118.0	177.0#
98	25.6	50.0	75.0#

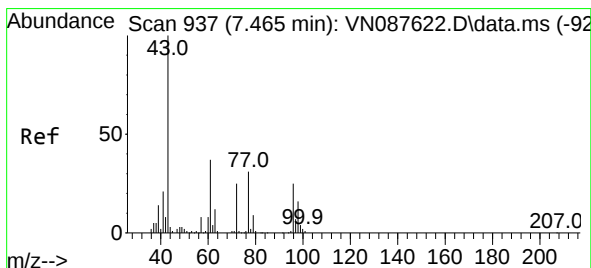
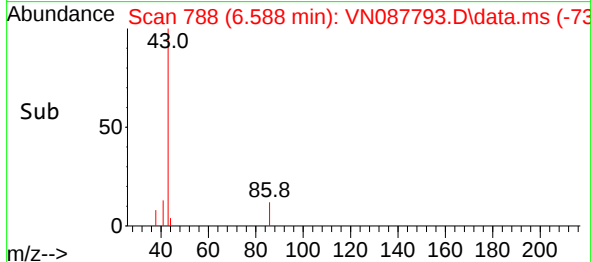
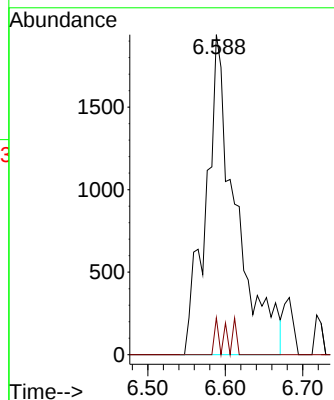
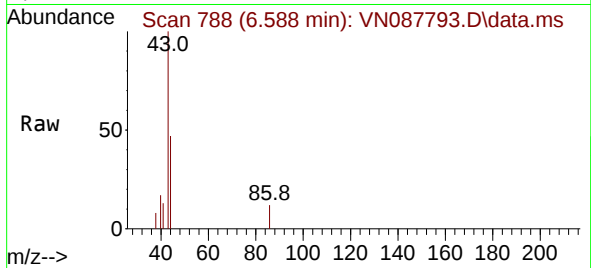




#23
 Vinyl Acetate
 Concen: 0.518 ug/l
 RT: 6.588 min Scan# 71
 Delta R.T. -0.000 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

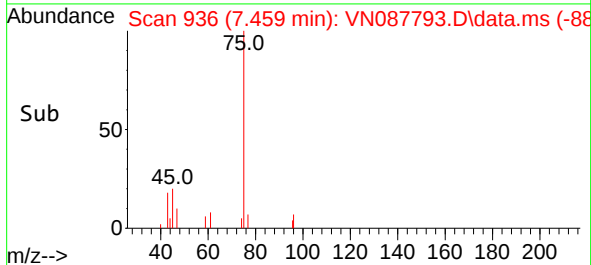
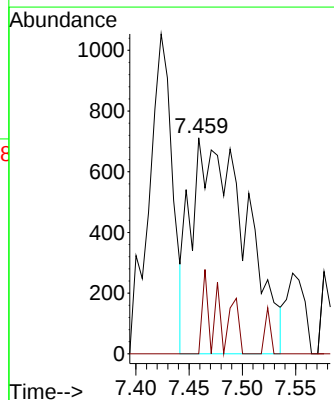
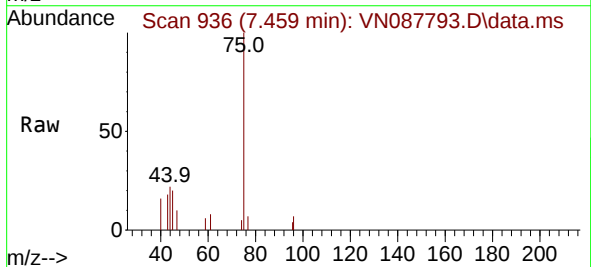
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

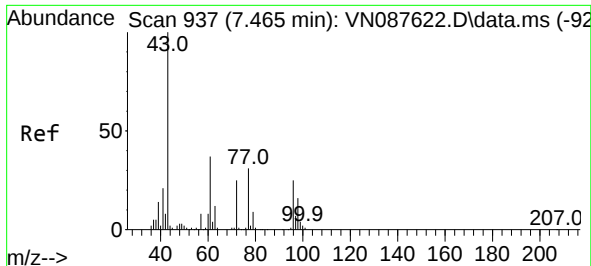
Tgt Ion: 43 Resp: 5217
 Ion Ratio Lower Upper
 43 100
 86 11.5 8.2 12.4



#25
 2-Butanone
 Concen: 0.887 ug/l
 RT: 7.459 min Scan# 936
 Delta R.T. -0.006 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

Tgt Ion: 43 Resp: 2552
 Ion Ratio Lower Upper
 43 100
 72 0.0 19.9 29.9#

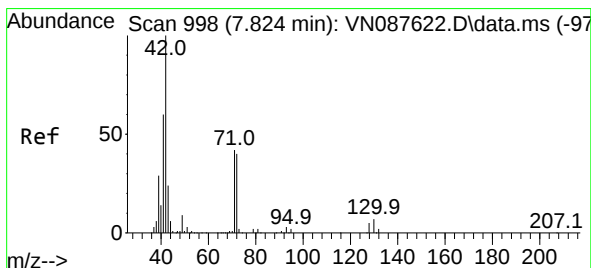
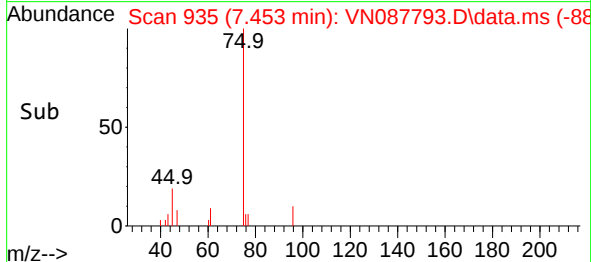
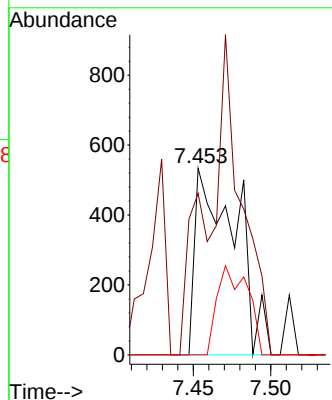
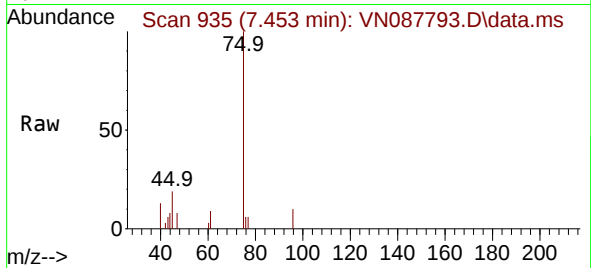




#27
 cis-1,2-Dichloroethene
 Concen: 0.264 ug/l
 RT: 7.453 min Scan# 91
 Delta R.T. -0.012 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

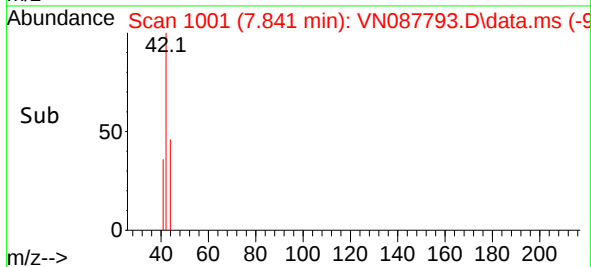
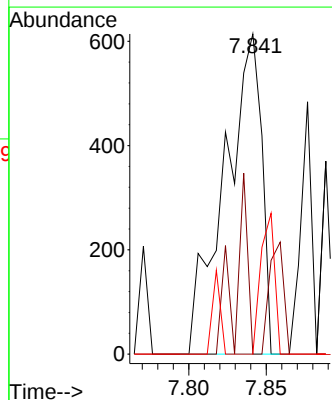
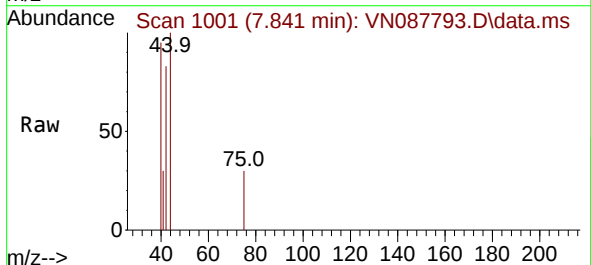
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

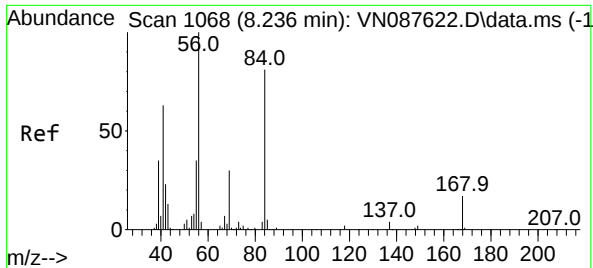
Tgt Ion:	96	Resp:	968
Ion	Ratio	Lower	Upper
96	100		
61	142.5	0.0	301.8
98	35.8	0.0	126.2



#29
 Tetrahydrofuran
 Concen: 0.550 ug/l
 RT: 7.841 min Scan# 1001
 Delta R.T. 0.017 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

Tgt Ion:	42	Resp:	1018
Ion	Ratio	Lower	Upper
42	100		
72	19.3	33.7	50.5#
71	0.0	31.9	47.9#

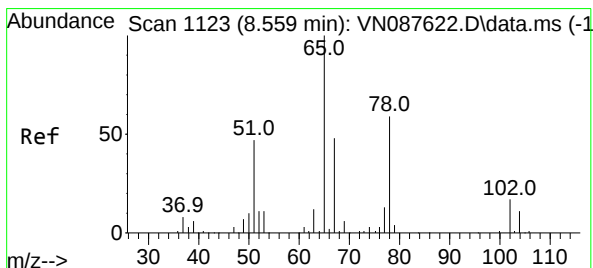
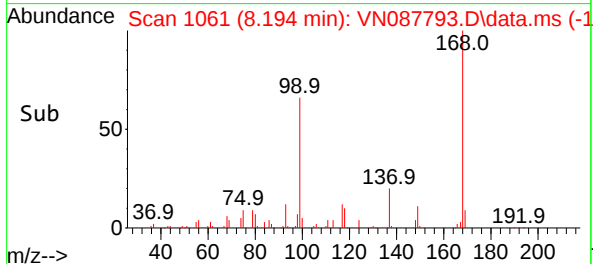
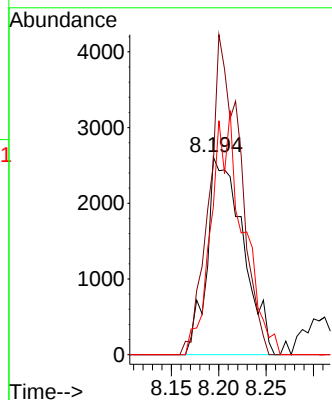
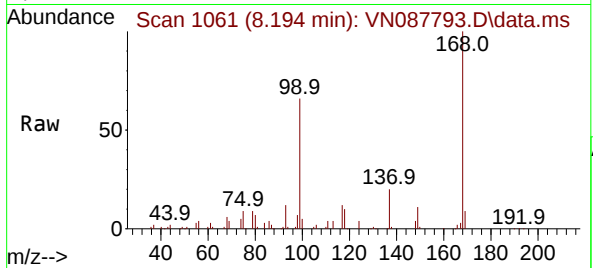




#31
Cyclohexane
Concen: 1.364 ug/l
RT: 8.194 min Scan# 1061
Delta R.T. -0.041 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

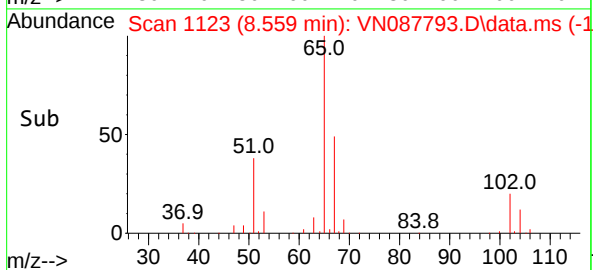
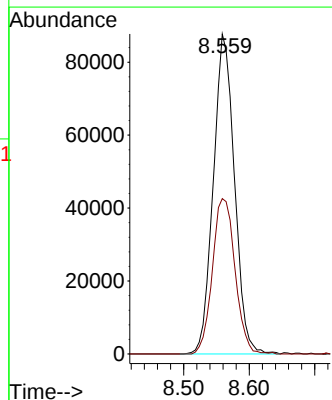
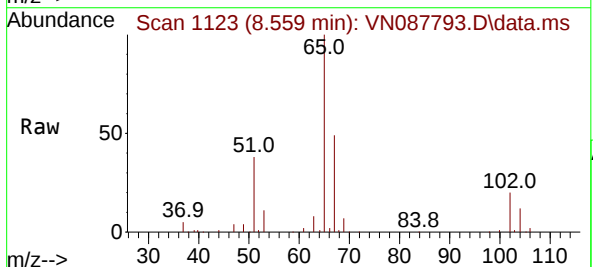
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

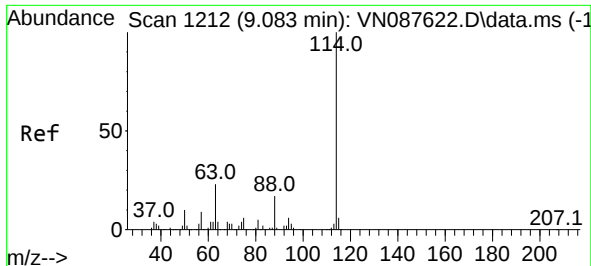
Tgt Ion: 56 Resp: 6895
Ion Ratio Lower Upper
56 100
69 96.3 23.7 35.5#
84 74.7 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 48.826 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 65 Resp: 196234
Ion Ratio Lower Upper
65 100
67 51.9 0.0 100.0

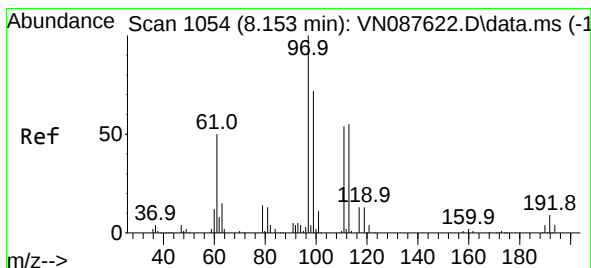
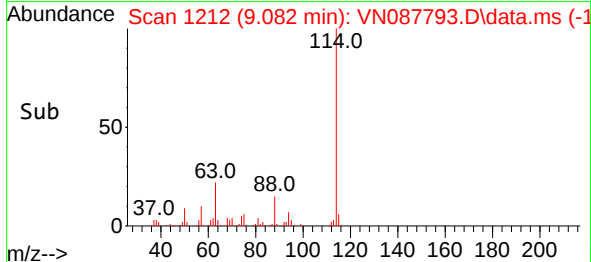
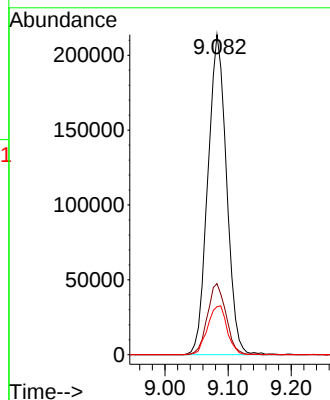
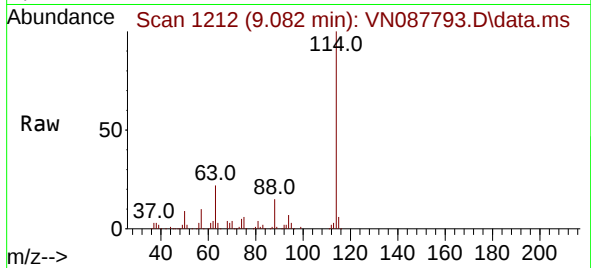




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

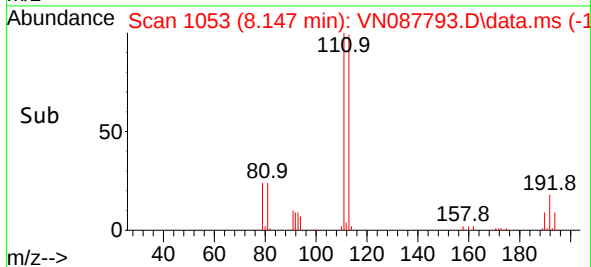
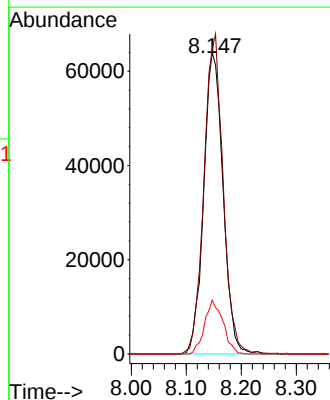
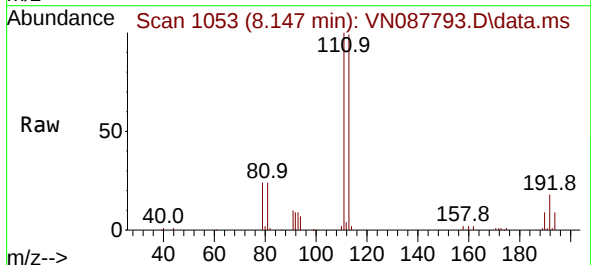
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

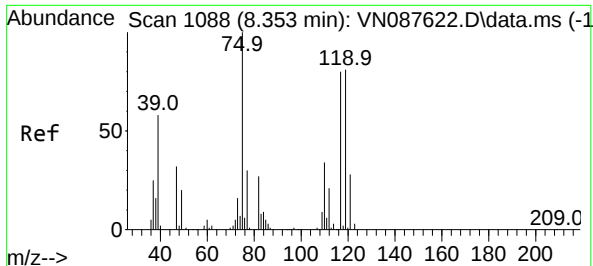
Tgt Ion:114 Resp: 438825
Ion Ratio Lower Upper
114 100
63 22.2 0.0 45.2
88 15.0 0.0 33.4



#35
Dibromofluoromethane
Concen: 49.414 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion:113 Resp: 156560
Ion Ratio Lower Upper
113 100
111 104.6 82.8 124.2
192 16.9 12.8 19.2





#36

1,1-Dichloropropene

Concen: 0.236 ug/l

RT: 8.353 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

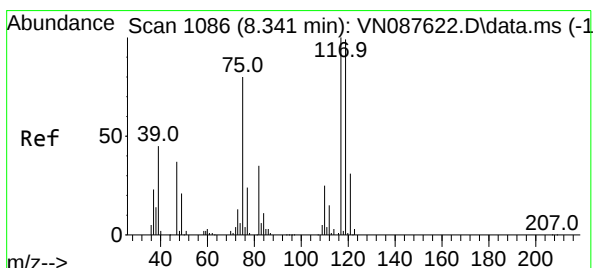
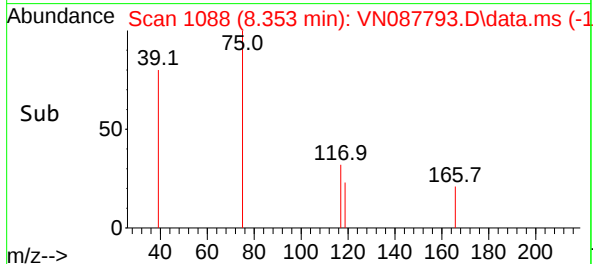
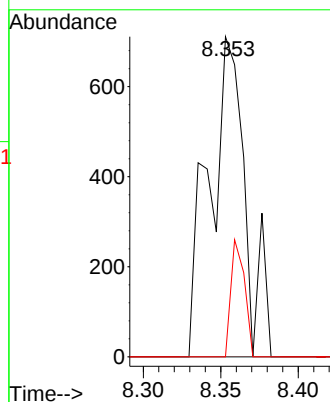
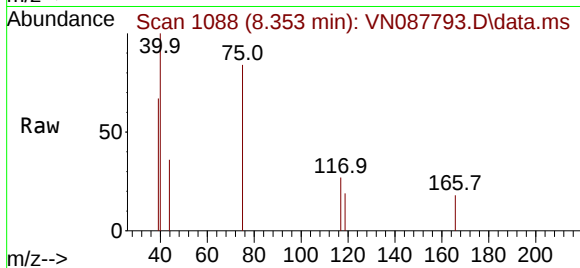
Tgt Ion: 75 Resp: 1146

Ion Ratio Lower Upper

75 100

110 0.0 15.9 47.6#

77 13.8 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.609 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.135 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

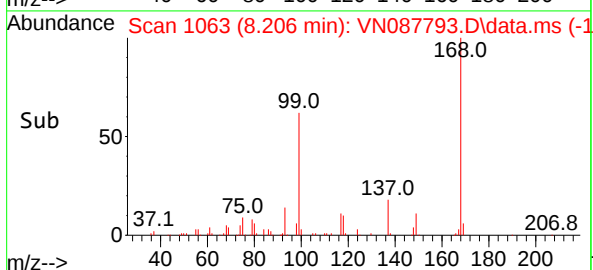
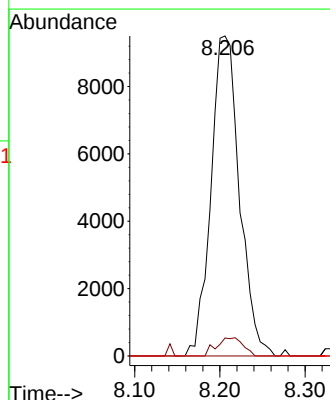
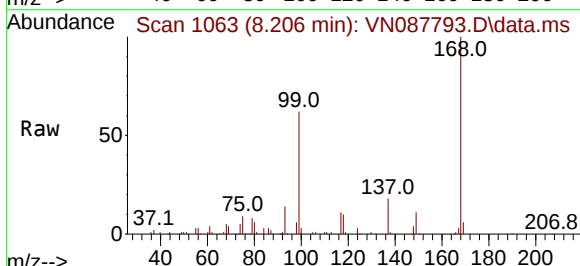
Tgt Ion: 117 Resp: 22120

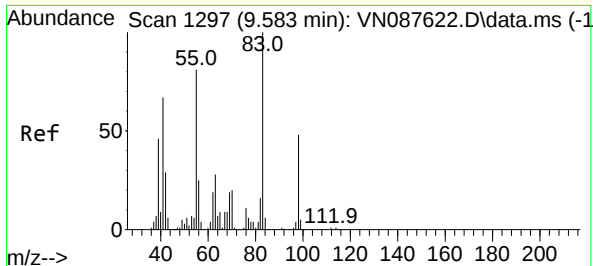
Ion Ratio Lower Upper

117 100

119 5.6 79.0 118.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 0.306 ug/l

RT: 9.588 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

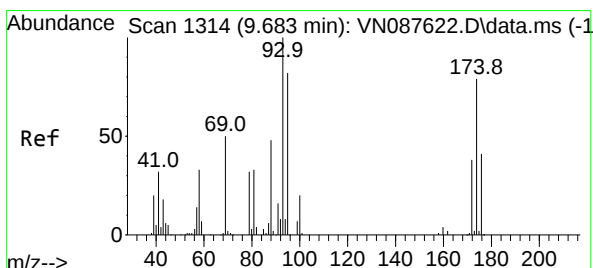
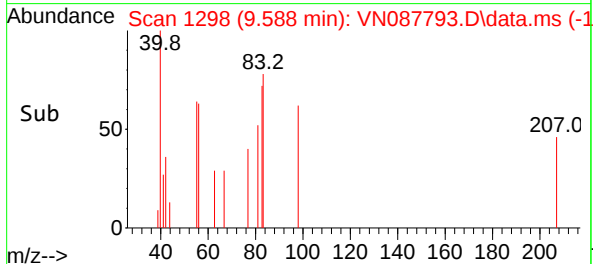
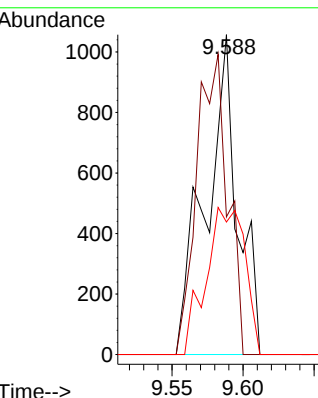
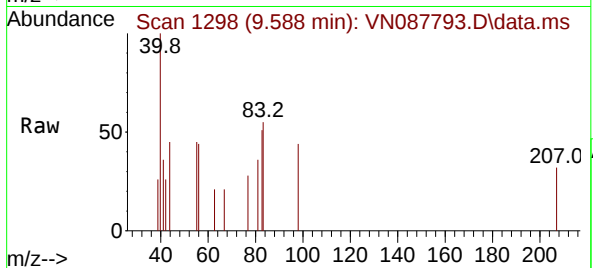
Tgt Ion: 83 Resp: 1637

Ion Ratio Lower Upper

83 100

55 43.0 64.6 96.8#

98 41.4 38.4 57.6



#49

1,4-Dioxane

Concen: 1.494 ug/l

RT: 9.688 min Scan# 1315

Delta R.T. 0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

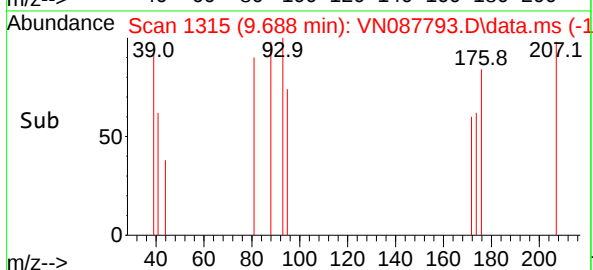
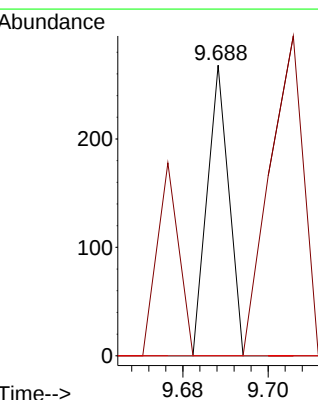
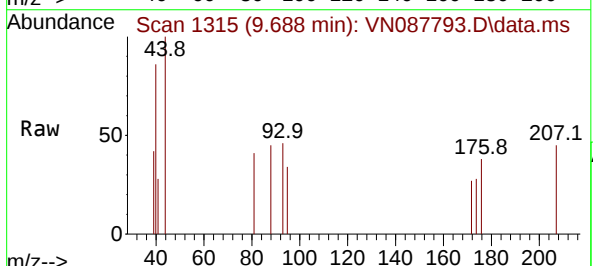
Tgt Ion: 88 Resp: 95

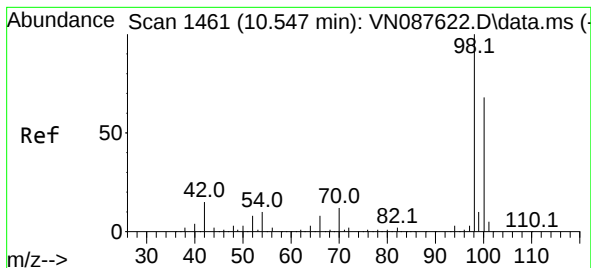
Ion Ratio Lower Upper

88 100

43 66.3 0.0 0.0#

58 0.0 57.9 86.9#





#50

Toluene-d8

Concen: 46.764 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

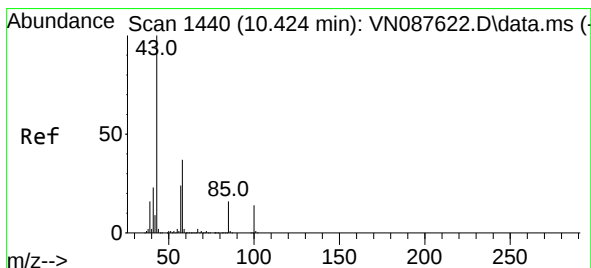
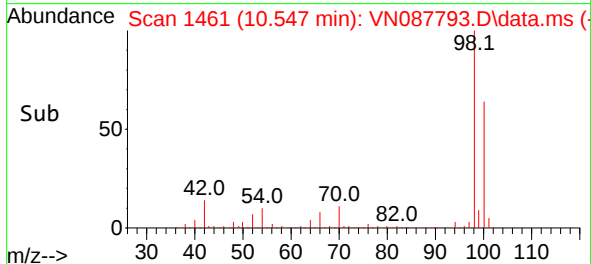
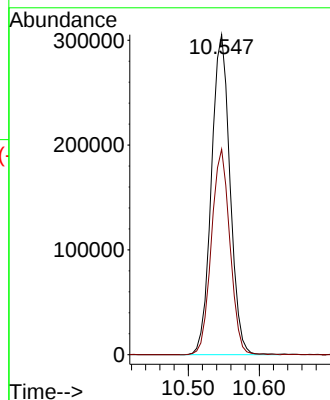
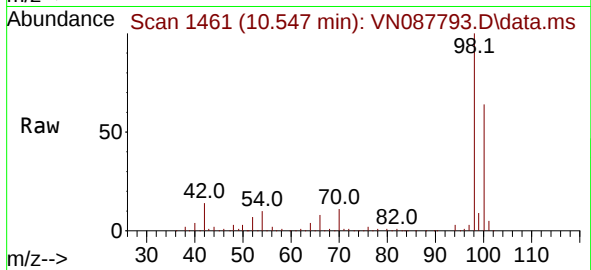
VN0911MBL01

Tgt Ion: 98 Resp: 554546

Ion Ratio Lower Upper

98 100

100 63.8 52.8 79.2



#51

4-Methyl-2-Pentanone

Concen: 0.289 ug/l

RT: 10.441 min Scan# 1443

Delta R.T. 0.017 min

Lab File: VN087793.D

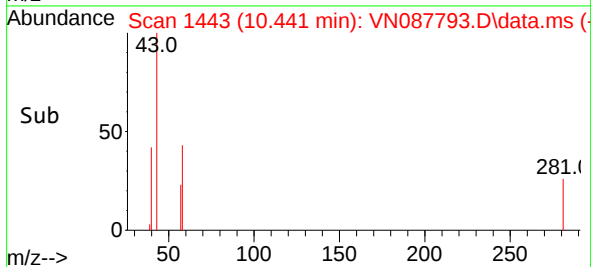
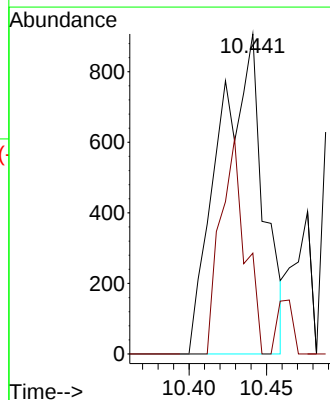
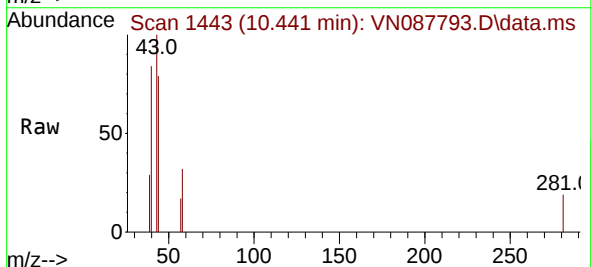
Acq: 11 Sep 2025 13:25

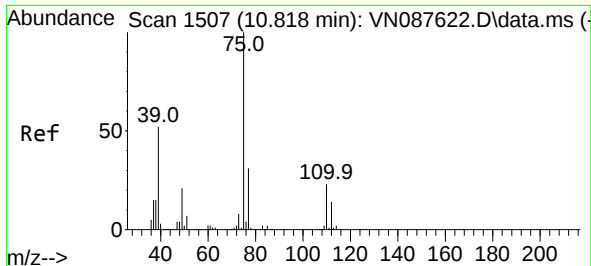
Tgt Ion: 43 Resp: 1810

Ion Ratio Lower Upper

43 100

58 37.6 29.6 44.4

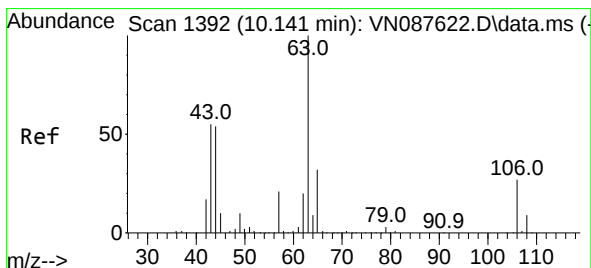
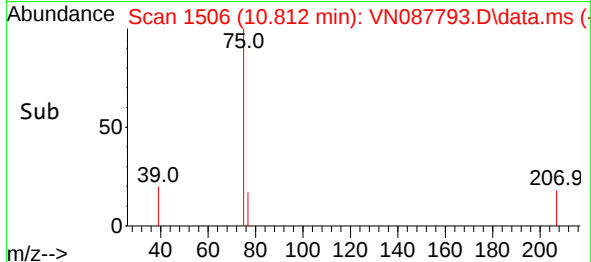
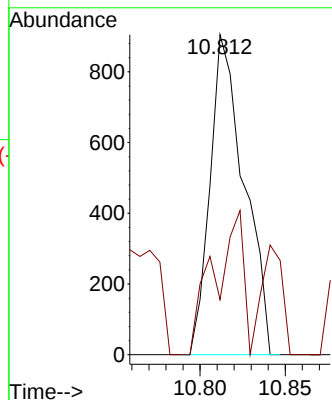
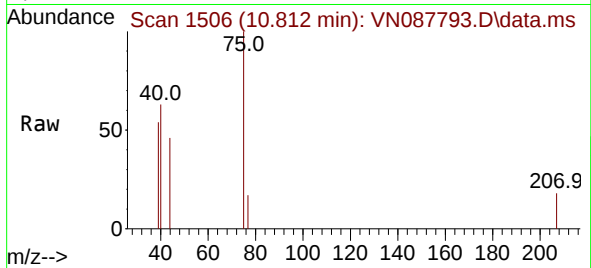




#53
t-1,3-Dichloropropene
Concen: 0.212 ug/l
RT: 10.812 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

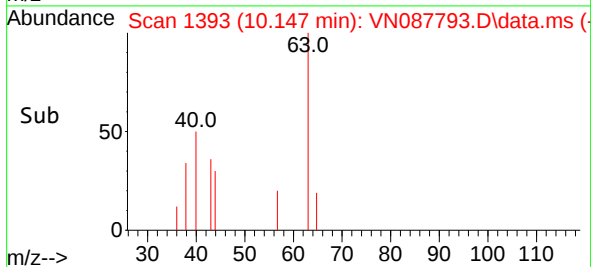
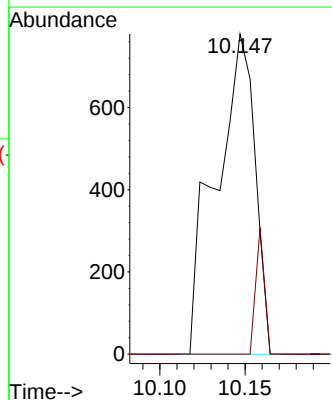
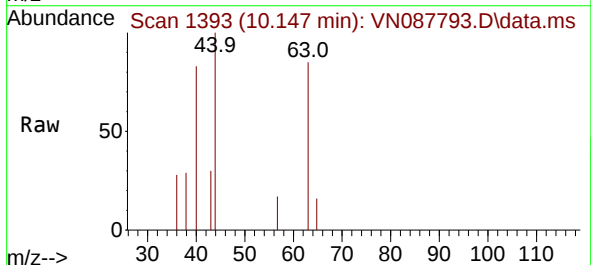
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

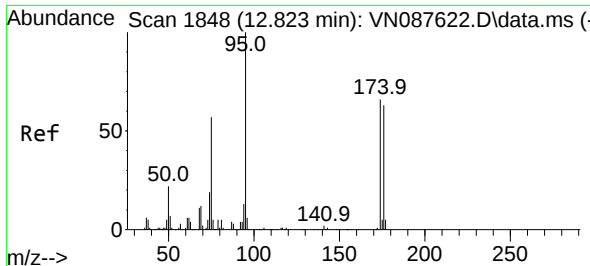
Tgt Ion: 75 Resp: 1257
Ion Ratio Lower Upper
75 100
77 17.2 25.2 37.8#



#58
2-Chloroethyl Vinyl ether
Concen: 0.403 ug/l
RT: 10.147 min Scan# 1393
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 63 Resp: 1247
Ion Ratio Lower Upper
63 100
106 8.7 21.1 31.7#

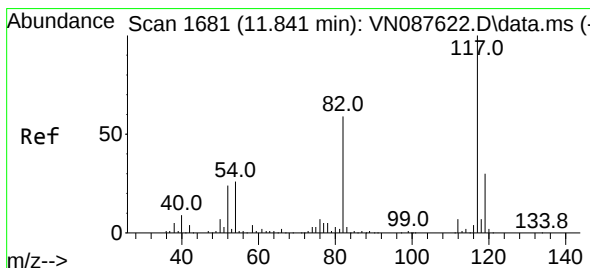
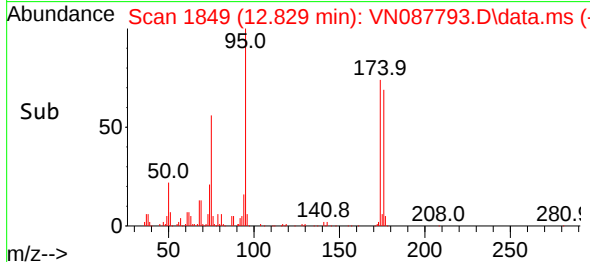
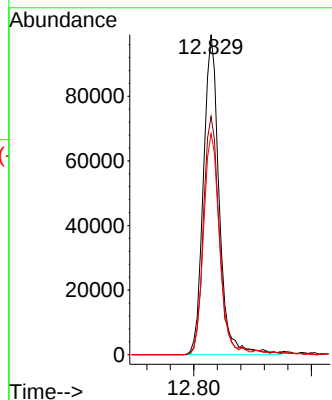
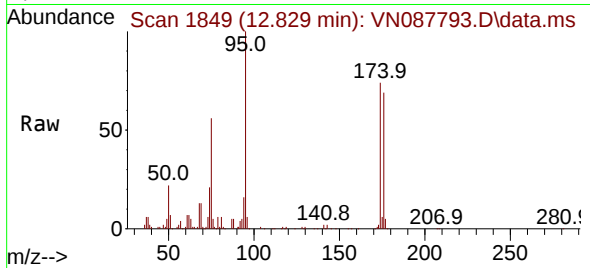




#62
4-Bromofluorobenzene
Concen: 43.622 ug/l
RT: 12.829 min Scan# 1848
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

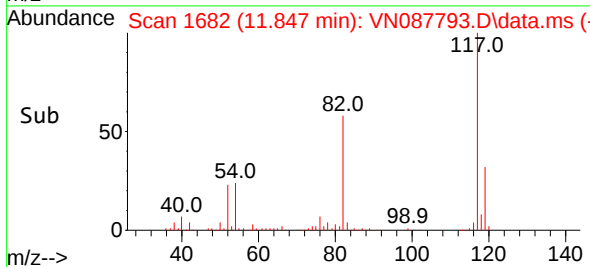
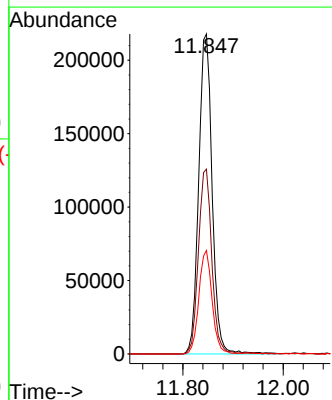
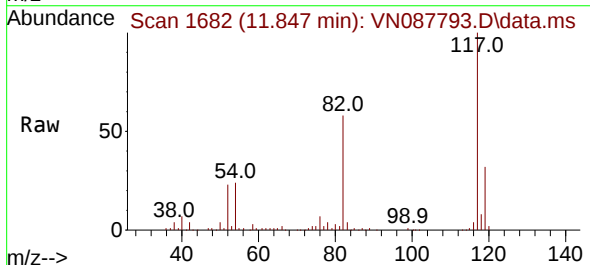
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

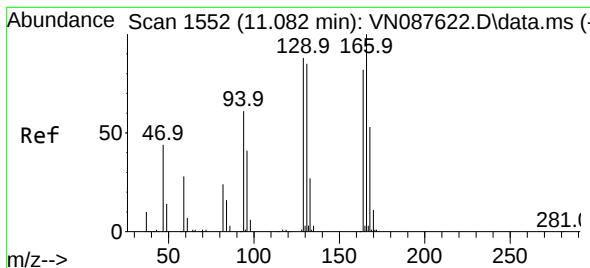
Tgt Ion: 95 Resp: 183962
Ion Ratio Lower Upper
95 100
174 73.9 0.0 138.4
176 70.3 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 117 Resp: 405008
Ion Ratio Lower Upper
117 100
82 57.7 47.4 71.2
119 32.3 24.3 36.5





#64

Tetrachloroethene

Concen: 0.274 ug/l

RT: 11.076 min Scan# 11

Delta R.T. -0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

Tgt Ion:164 Resp: 769

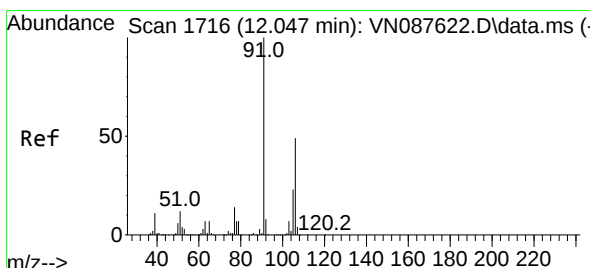
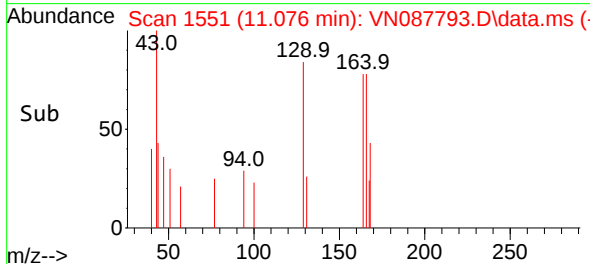
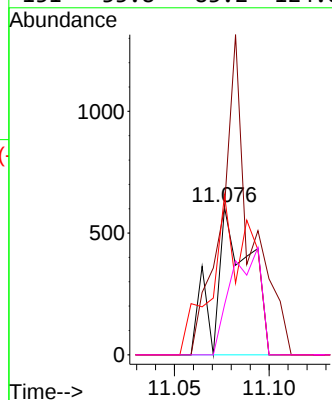
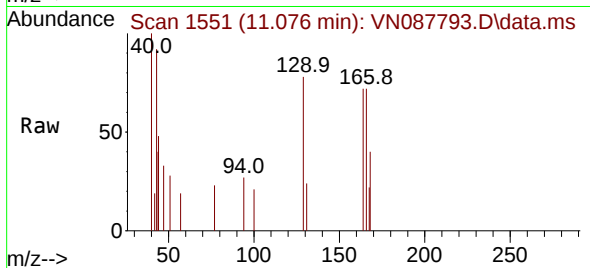
Ion Ratio Lower Upper

164 100

166 99.8 97.7 146.5

129 108.4 85.9 128.9

131 33.8 83.2 124.8#



#68

m/p-Xylenes

Concen: 0.269 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.006 min

Lab File: VN087793.D

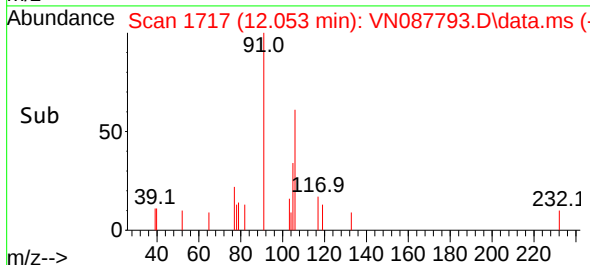
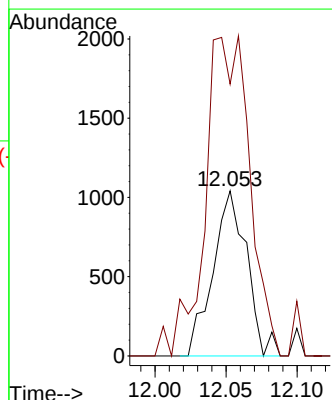
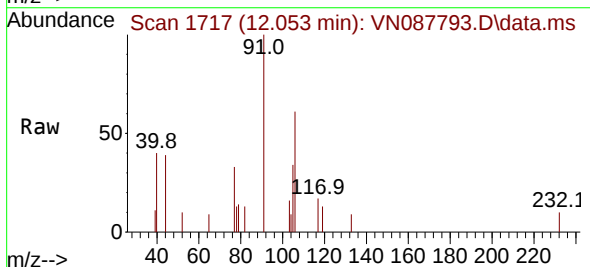
Acq: 11 Sep 2025 13:25

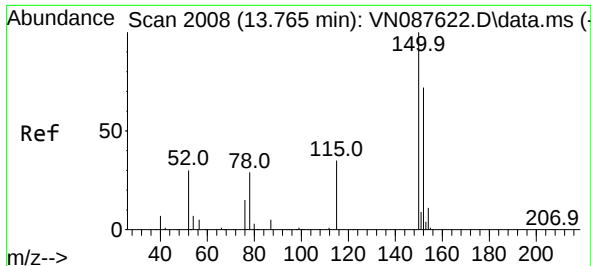
Tgt Ion:106 Resp: 1724

Ion Ratio Lower Upper

106 100

91 255.8 169.3 253.9#

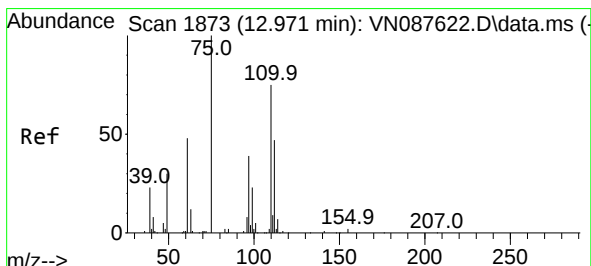
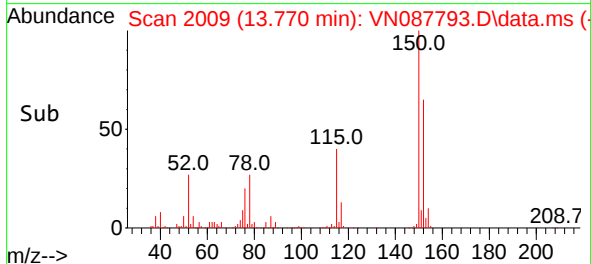
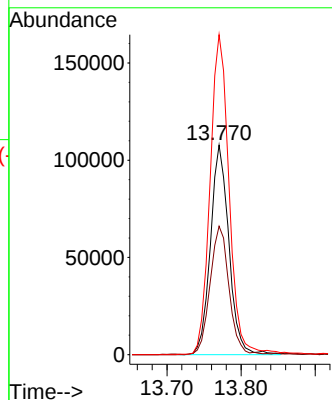
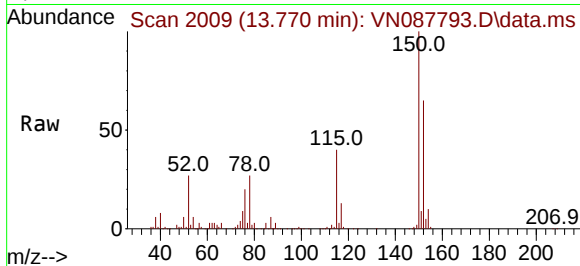




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2008
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

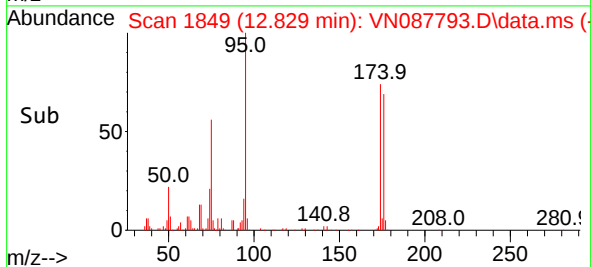
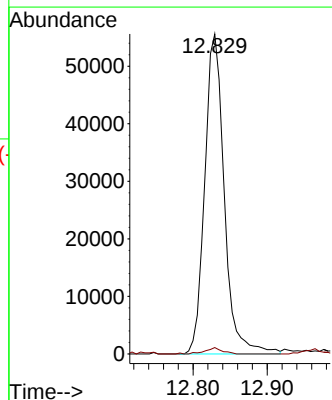
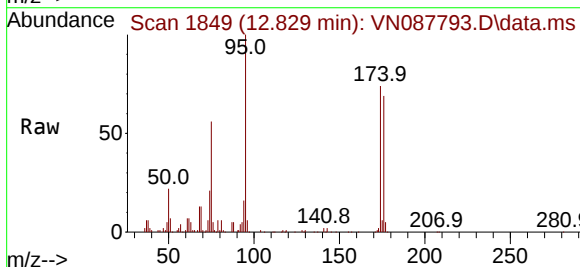
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

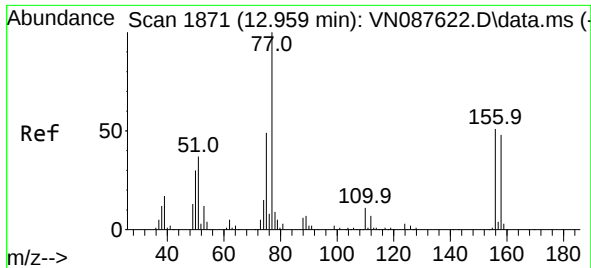
Tgt Ion:152 Resp: 186632
Ion Ratio Lower Upper
152 100
115 63.0 32.3 96.8
150 158.0 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 23.286 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 75 Resp: 101912
Ion Ratio Lower Upper
75 100
77 1.7 89.1 267.4#

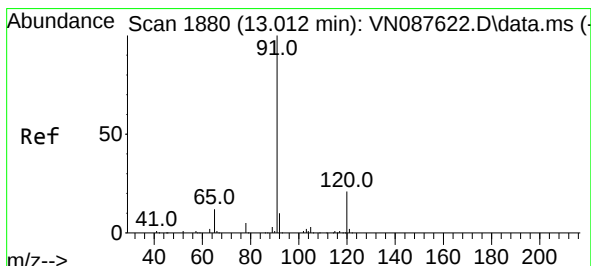
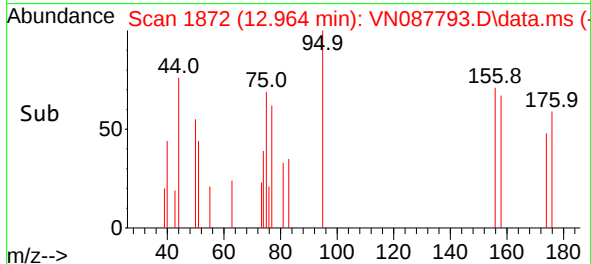
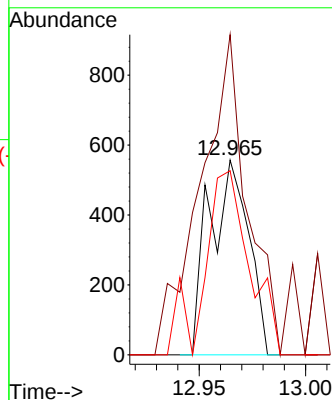
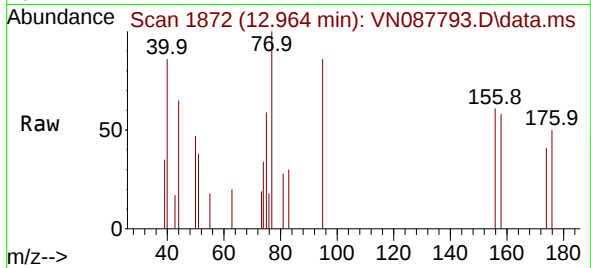




#77
Bromobenzene
Concen: 0.202 ug/l
RT: 12.964 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

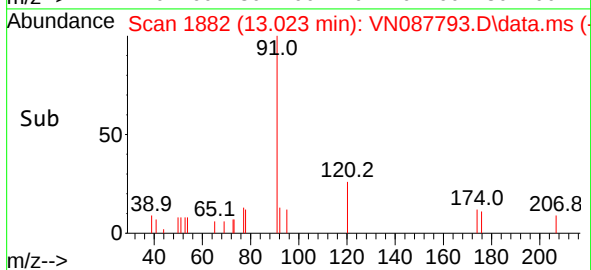
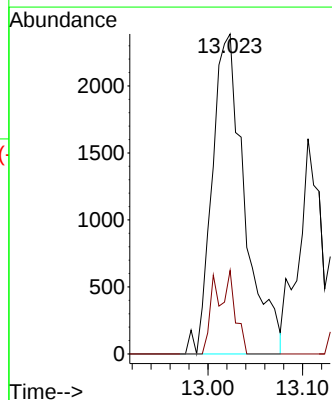
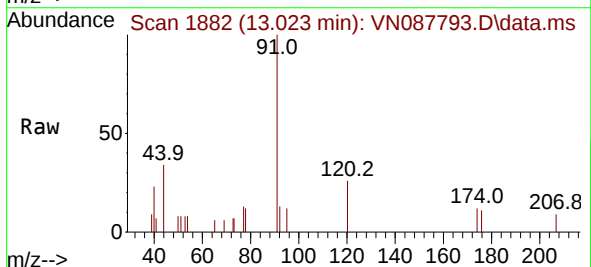
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

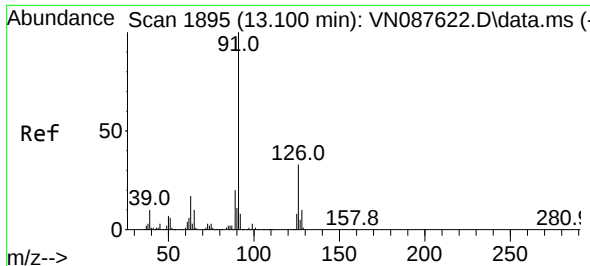
Tgt Ion:156 Resp: 717
Ion Ratio Lower Upper
156 100
77 194.6 119.3 358.0
158 107.8 48.2 144.6



#78
n-propylbenzene
Concen: 0.306 ug/l
RT: 13.023 min Scan# 1882
Delta R.T. 0.012 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 91 Resp: 5691
Ion Ratio Lower Upper
91 100
120 9.2 10.7 32.1#

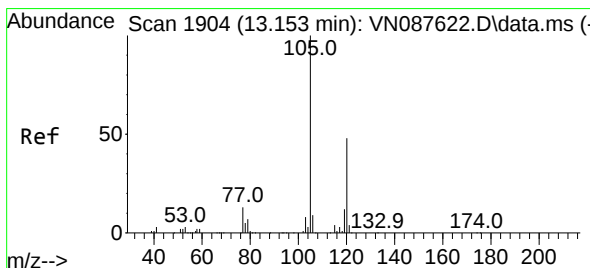
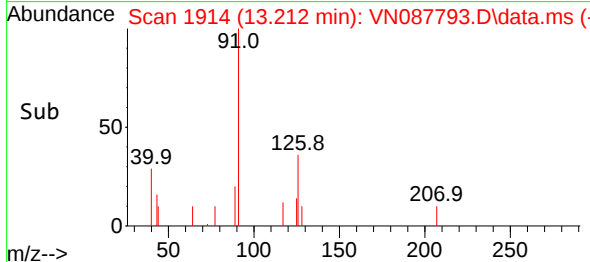
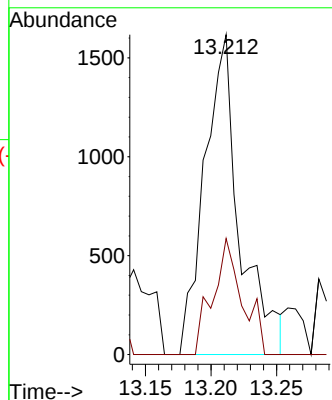
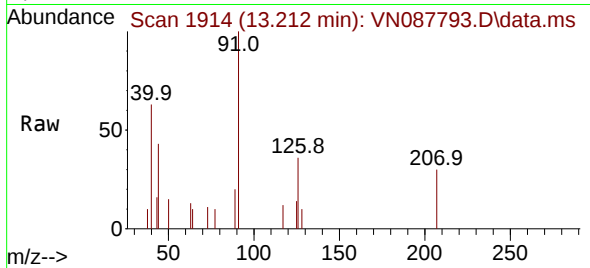




#79
2-Chlorotoluene
Concen: 0.270 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. 0.112 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

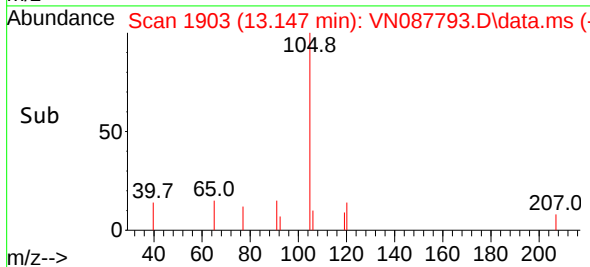
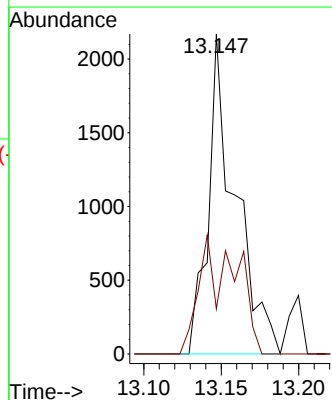
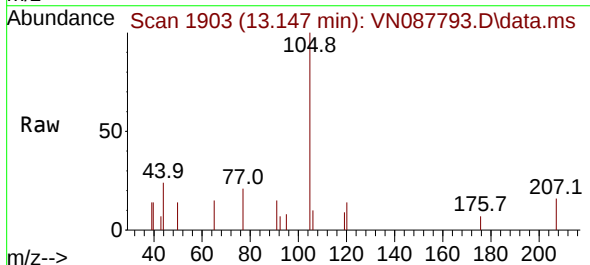
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

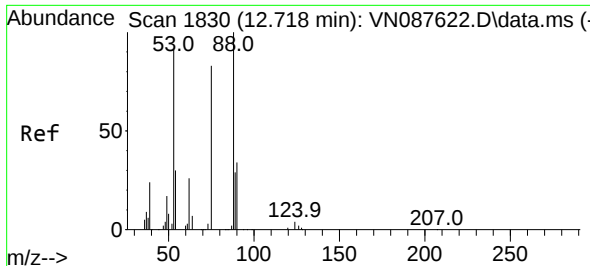
Tgt Ion: 91 Resp: 3013
Ion Ratio Lower Upper
91 100
126 30.4 16.1 48.3



#80
1,3,5-Trimethylbenzene
Concen: 0.204 ug/l
RT: 13.147 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 105 Resp: 2613
Ion Ratio Lower Upper
105 100
120 23.0 23.2 69.6#

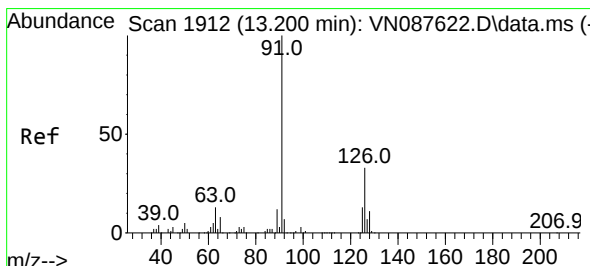
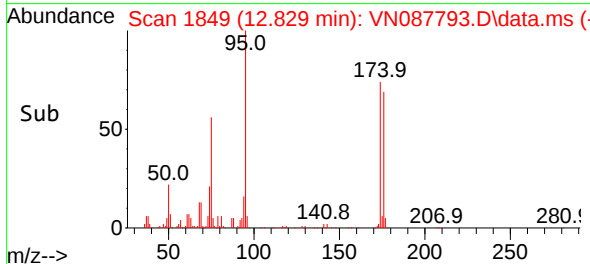
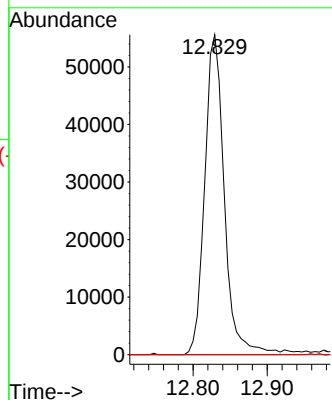
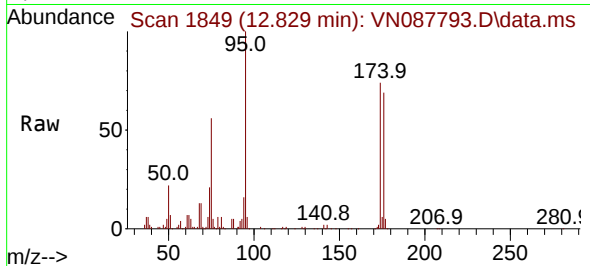




#81
trans-1,4-Dichloro-2-butene
Concen: 61.646 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

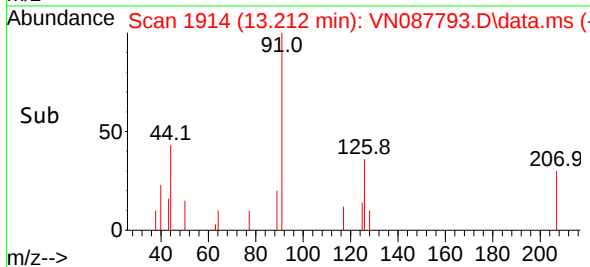
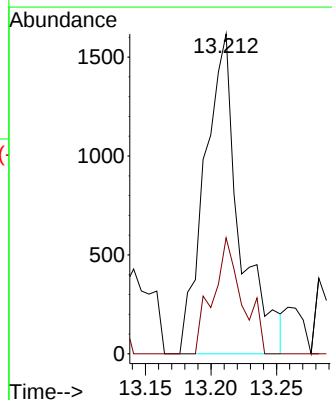
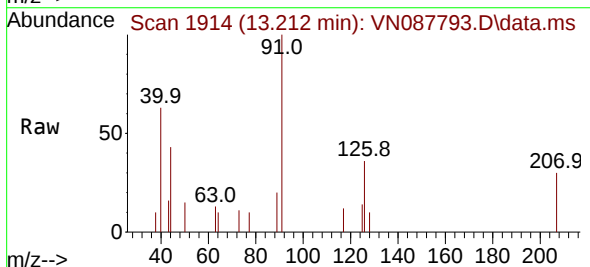
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

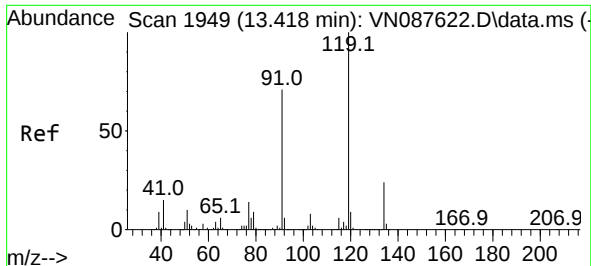
Tgt Ion: 75 Resp: 101912
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 0.256 ug/l
RT: 13.212 min Scan# 1914
Delta R.T. 0.012 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion: 91 Resp: 3013
Ion Ratio Lower Upper
91 100
126 30.4 15.6 46.8

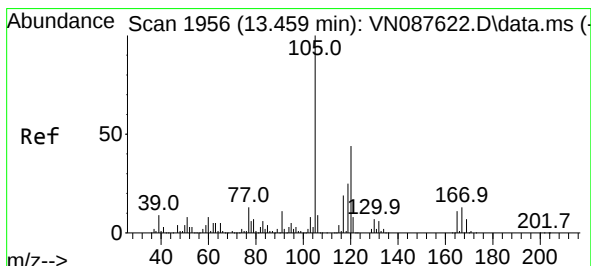
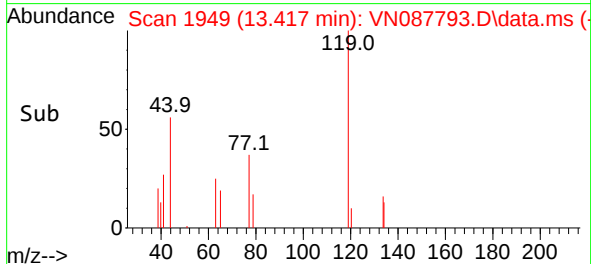
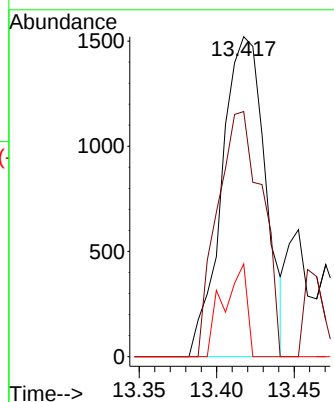
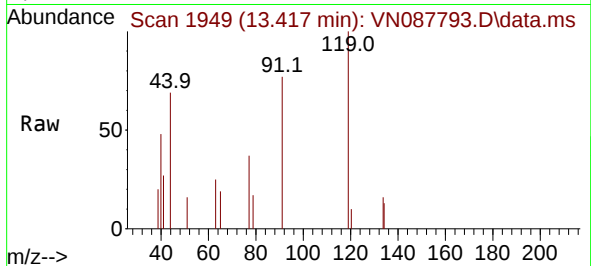




#83
 tert-Butylbenzene
 Concen: 0.279 ug/l
 RT: 13.417 min Scan# 1949
 Delta R.T. -0.000 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

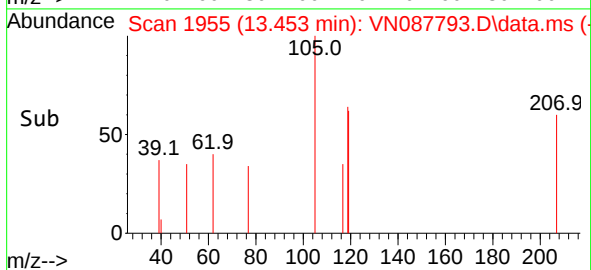
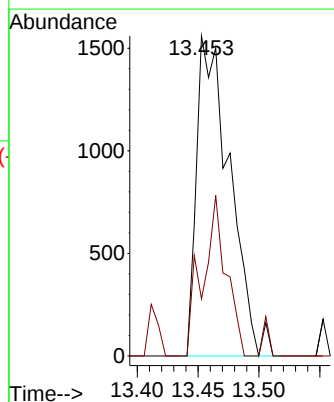
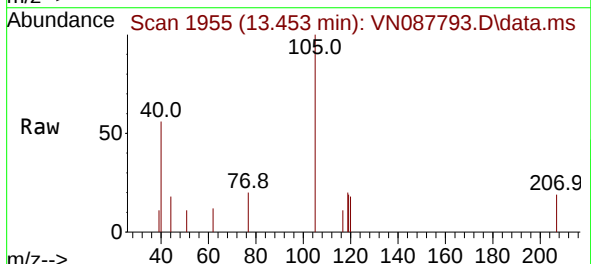
Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01

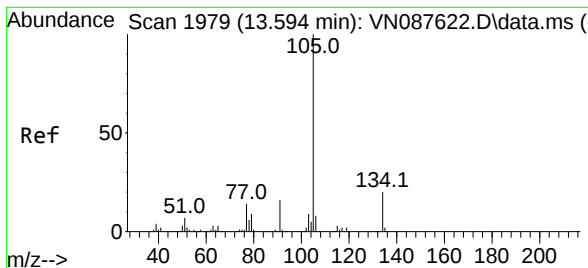
Tgt Ion:119 Resp: 2970
 Ion Ratio Lower Upper
 119 100
 91 78.3 35.0 105.0
 134 15.7 12.6 37.8



#84
 1,2,4-Trimethylbenzene
 Concen: 0.230 ug/l
 RT: 13.453 min Scan# 1955
 Delta R.T. -0.006 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

Tgt Ion:105 Resp: 2944
 Ion Ratio Lower Upper
 105 100
 120 35.7 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.319 ug/l

RT: 13.600 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

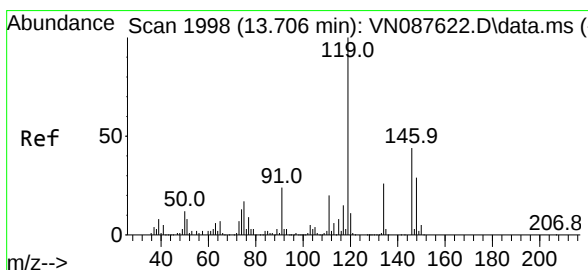
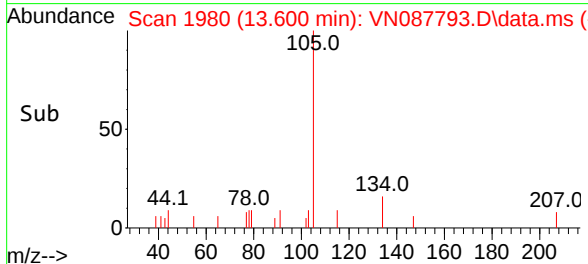
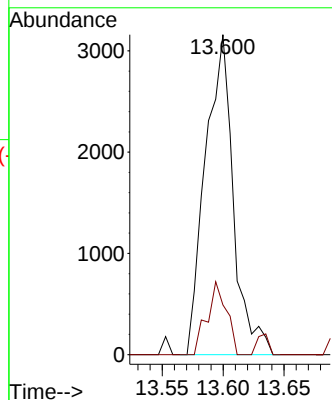
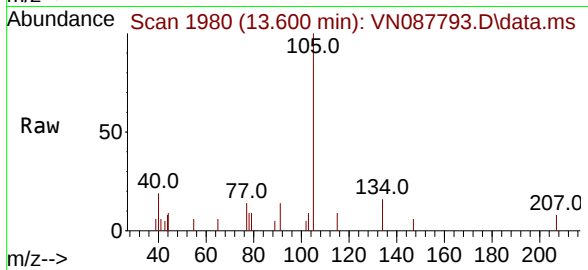
VN0911MBL01

Tgt Ion:105 Resp: 5044

Ion Ratio Lower Upper

105 100

134 15.8 9.6 28.6



#86

p-Isopropyltoluene

Concen: 0.304 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. -0.000 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

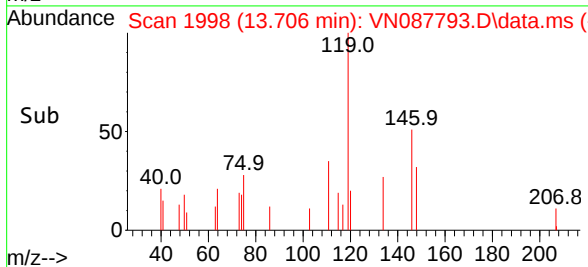
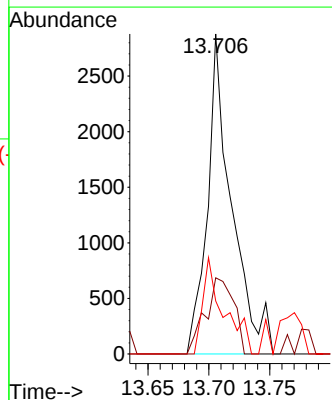
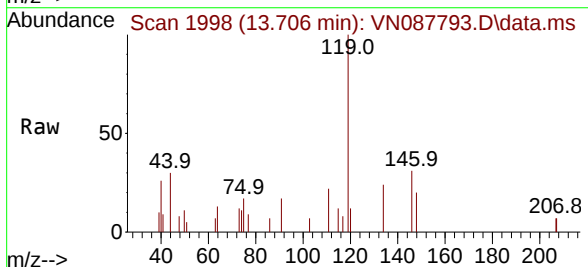
Tgt Ion:119 Resp: 3978

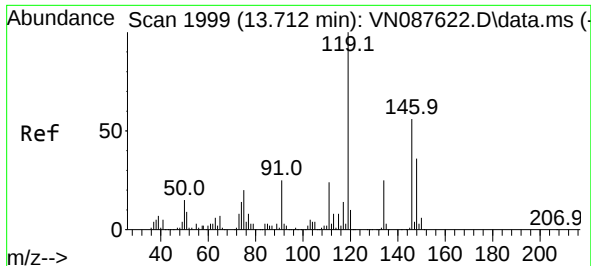
Ion Ratio Lower Upper

119 100

134 27.8 12.7 38.0

91 26.3 12.5 37.5





#87

1,3-Dichlorobenzene

Concen: 0.339 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. 0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

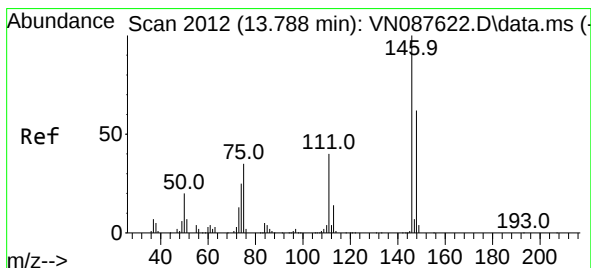
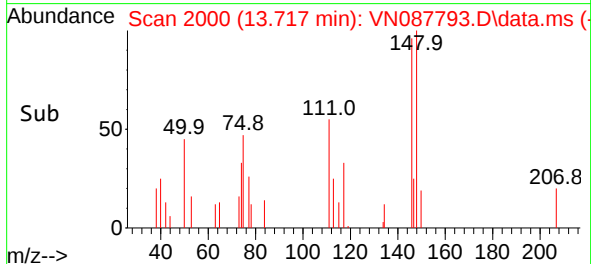
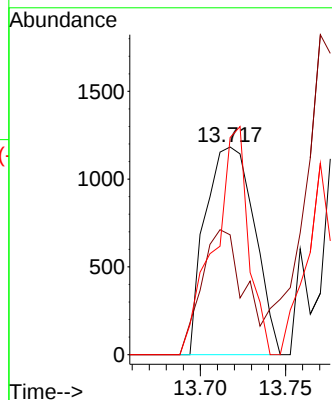
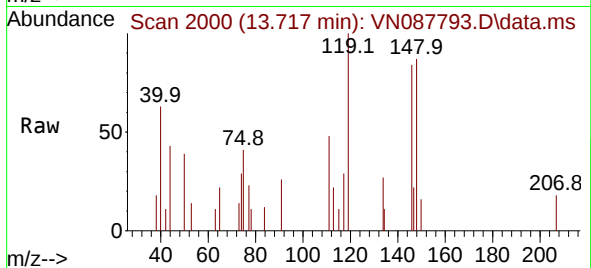
Tgt Ion:146 Resp: 2375

Ion Ratio Lower Upper

146 100

111 51.6 22.1 66.5

148 76.3 32.0 96.2



#88

1,4-Dichlorobenzene

Concen: 0.326 ug/l

RT: 13.717 min Scan# 2000

Delta R.T. -0.071 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

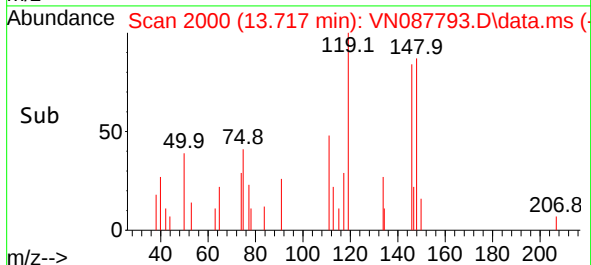
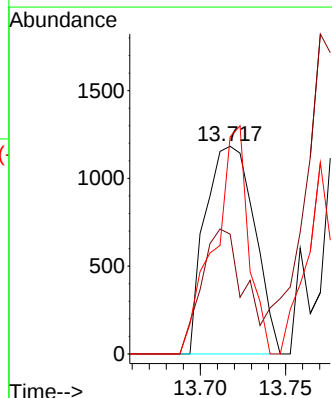
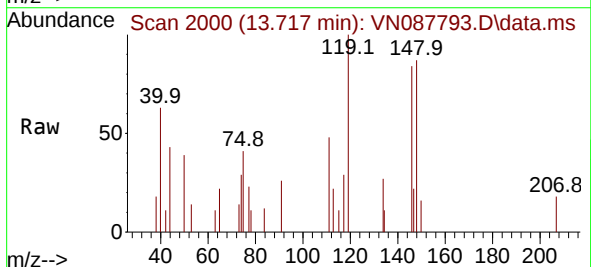
Tgt Ion:146 Resp: 2375

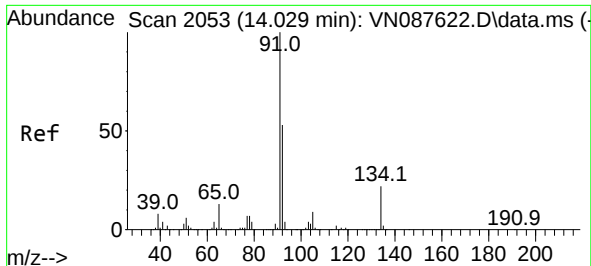
Ion Ratio Lower Upper

146 100

111 51.6 21.0 63.0

148 76.3 32.0 96.0





#89

n-Butylbenzene

Concen: 0.432 ug/l

RT: 14.029 min Scan# 2053

Delta R.T. -0.000 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

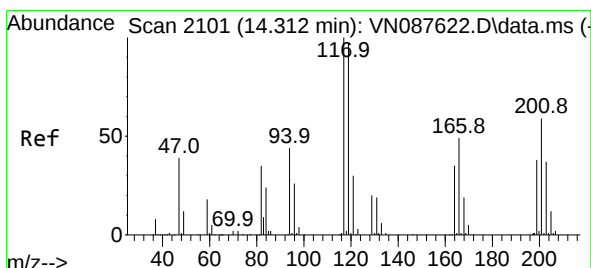
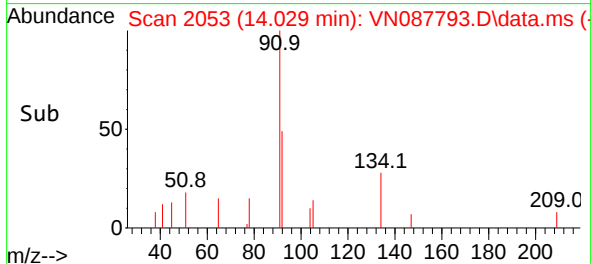
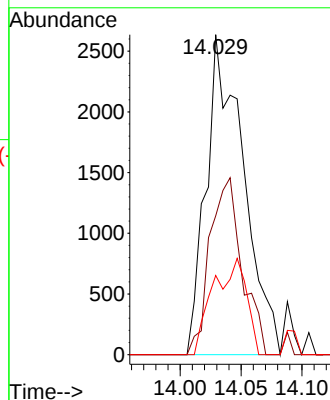
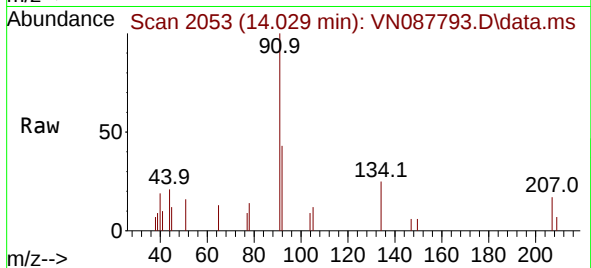
Instrument :

MSVOA_N

ClientSampleId :

VN0911MBL01

Tgt Ion:	91	Resp:	5606
Ion	Ratio	Lower	Upper
91	100		
92	47.6	25.9	77.8
134	26.9	11.7	35.0



#90

Hexachloroethane

Concen: 0.331 ug/l

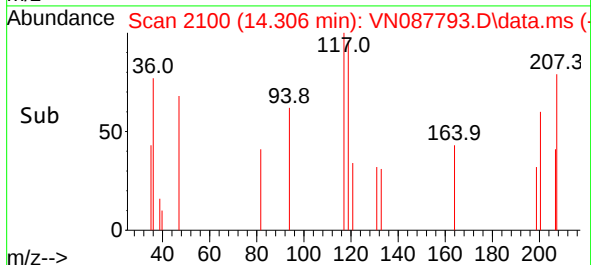
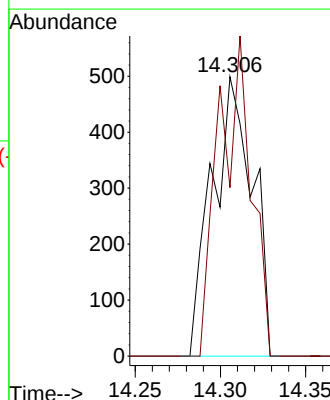
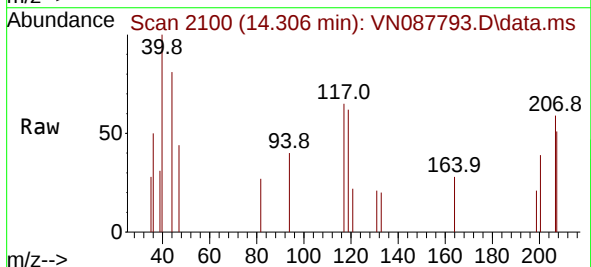
RT: 14.306 min Scan# 2100

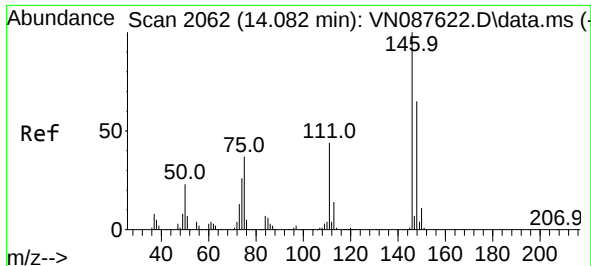
Delta R.T. -0.006 min

Lab File: VN087793.D

Acq: 11 Sep 2025 13:25

Tgt Ion:	117	Resp:	824
Ion	Ratio	Lower	Upper
117	100		
201	91.7	29.1	87.4

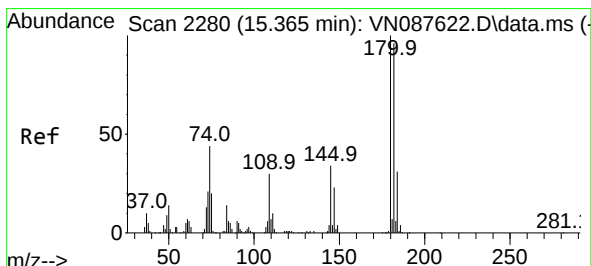
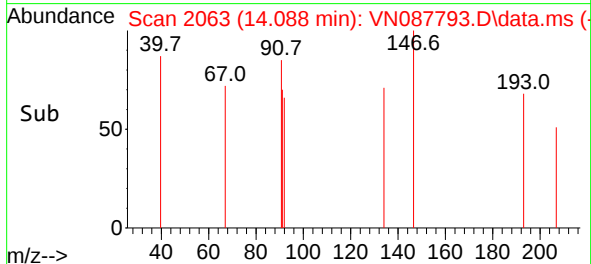
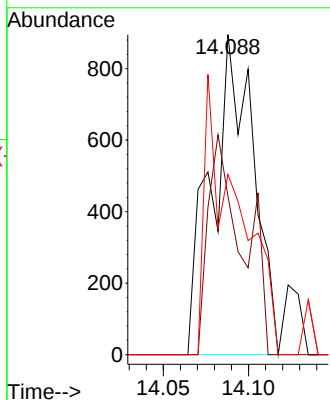
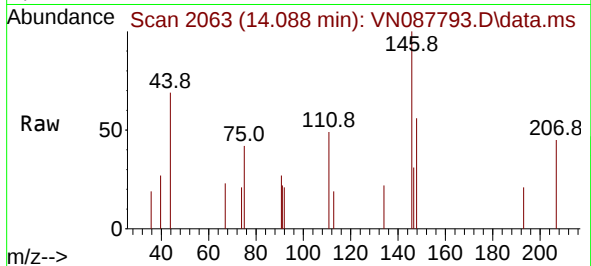




#91
1,2-Dichlorobenzene
Concen: 0.229 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

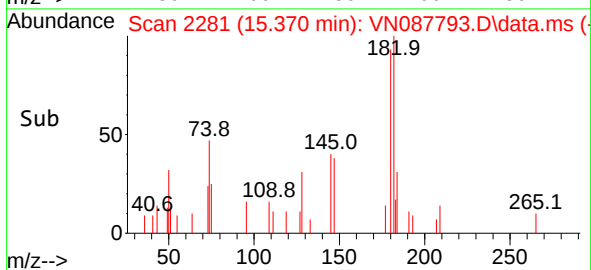
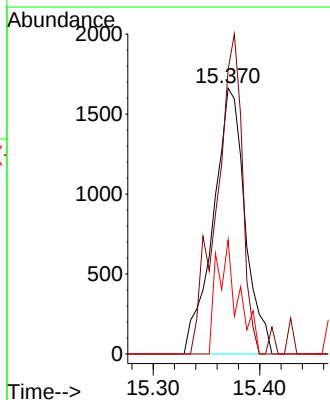
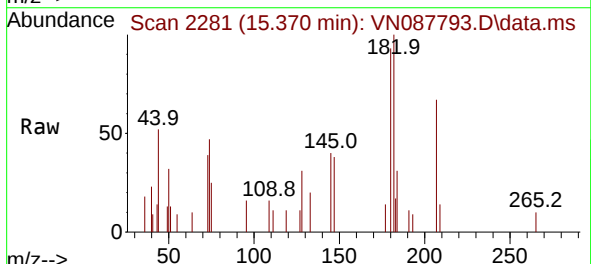
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

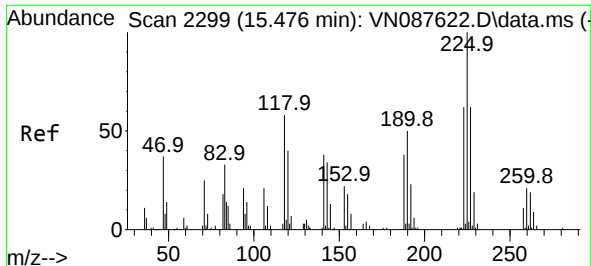
Tgt Ion:146 Resp: 1520
Ion Ratio Lower Upper
146 100
111 57.0 22.6 67.8
148 69.5 31.9 95.9



#93
1,2,4-Trichlorobenzene
Concen: 0.864 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

Tgt Ion:180 Resp: 3447
Ion Ratio Lower Upper
180 100
182 96.6 47.6 142.9
145 28.9 16.5 49.5

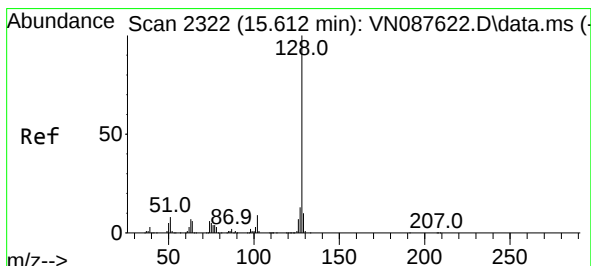
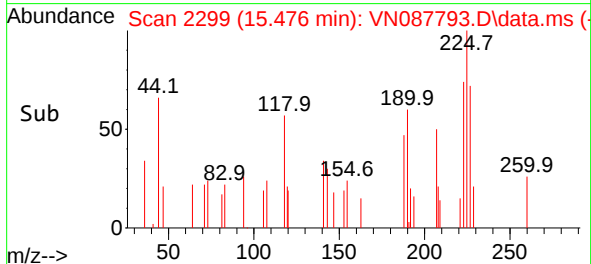
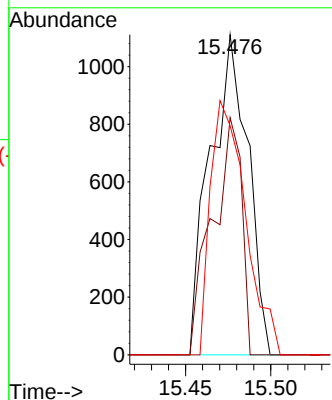
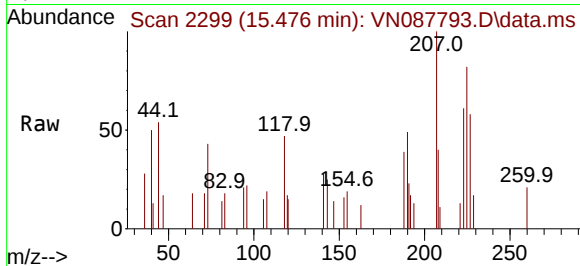




#94
Hexachlorobutadiene
Concen: 1.204 ug/l
RT: 15.476 min Scan# 21
Delta R.T. -0.000 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

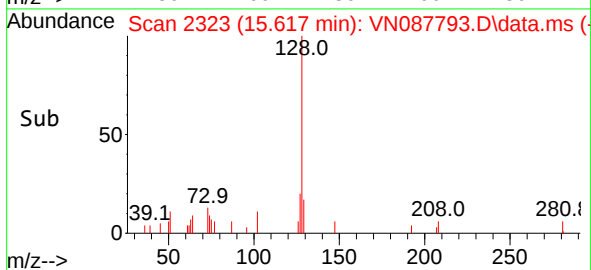
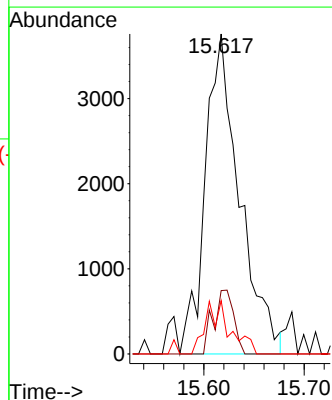
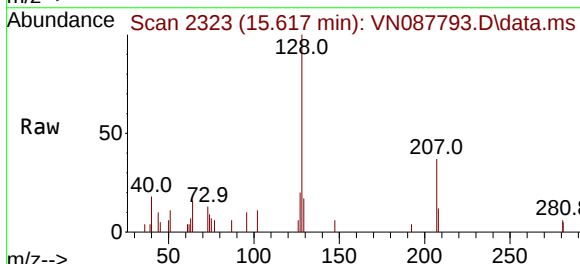
Instrument :
MSVOA_N
ClientSampleId :
VN0911MBL01

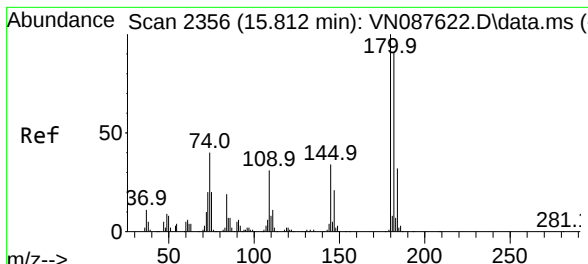
Tgt Ion:	225	Resp:	1713
Ion	Ratio	Lower	Upper
225	100		
223	57.5	32.0	96.2
227	74.0	32.1	96.5



#95
Naphthalene
Concen: 0.632 ug/l
RT: 15.617 min Scan# 2323
Delta R.T. 0.006 min
Lab File: VN087793.D
Acq: 11 Sep 2025 13:25

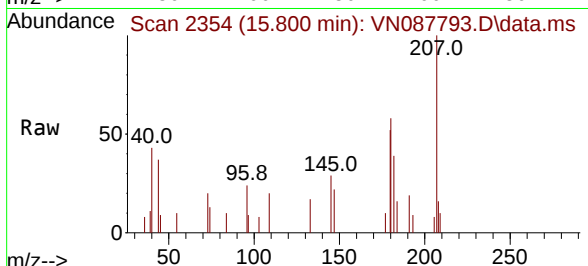
Tgt Ion:	128	Resp:	8929
Ion	Ratio	Lower	Upper
128	100		
127	11.7	10.6	15.8
129	11.8	8.6	12.8





#96
 1,2,3-Trichlorobenzene
 Concen: 0.805 ug/l
 RT: 15.800 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: VN087793.D
 Acq: 11 Sep 2025 13:25

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0911MBL01



Tgt Ion:	180	Resp:	3141
Ion	Ratio	Lower	Upper
180	100		
182	90.8	46.8	140.3
145	46.8	17.3	52.0

