

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN091625\
 Data File : VN087859.D
 Acq On : 16 Sep 2025 18:36
 Operator : JC\MD
 Sample : Q3021-01 200X
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Sep 17 01:27:23 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	8.212	168	217847	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	480291	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	485158	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	256678	50.000	ug/l	# 0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	206618	46.291	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	92.580%
35) Dibromofluoromethane	8.153	113	164104	47.324	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	94.640%
50) Toluene-d8	10.547	98	625142	48.166	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	96.340%
62) 4-Bromofluorobenzene	12.829	95	249786	54.116	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	=	108.240%

Target Compounds				Qvalue		
10) Methyl Iodide	4.589	142	287	6.919	ug/l #	38
16) Acetone	4.430	43	2875	1.183	ug/l #	86
17) Carbon Disulfide	4.700	76	2061	0.238	ug/l #	74
20) Methylene Chloride	5.247	84	1024	Below Cal	#	30
25) 2-Butanone	7.500	43	998	0.312	ug/l #	50
31) Cyclohexane	8.212	56	13851	2.467	ug/l #	80
36) 1,1-Dichloropropene	8.206	75	20331	3.822	ug/l #	52
38) Carbon Tetrachloride	8.200	117	25982	4.947	ug/l #	15
39) Methylcyclohexane	9.582	83	45600	7.786	ug/l	96
40) Benzene	8.594	78	44510	2.728	ug/l	94
41) Methacrylonitrile	7.765	41	797	0.212	ug/l #	24
43) Isopropyl Acetate	8.688	43	2908	0.256	ug/l #	58
48) Methyl methacrylate	9.735	41	1385	0.258	ug/l #	47
49) 1,4-Dioxane	9.941	88	70	1.006	ug/l #	13
51) 4-Methyl-2-Pentanone	10.318	43	14800	2.161	ug/l #	44
52) Toluene	10.612	92	61968	6.126	ug/l	100
55) 1,1,2-Trichloroethane	10.982	97	5661	1.447	ug/l #	23
66) 1,1,1,2-Tetrachloroethane	11.953	131	1069	0.267	ug/l #	8
67) Ethyl Benzene	11.941	91	35116	1.680	ug/l #	80
68) m/p-Xylenes	12.047	106	45831	5.980	ug/l	89
69) o-Xylene	12.376	106	15546	2.070	ug/l	67
71) Bromoform	12.553	173	1774	0.577	ug/l #	66
73) Isopropylbenzene	12.676	105	10563	0.509	ug/l	98
76) 1,2,3-Trichloropropane	12.829	75	128668	21.376	ug/l #	1
78) n-propylbenzene	13.012	91	24575	0.962	ug/l	86
80) 1,3,5-Trimethylbenzene	13.153	105	16255	0.924	ug/l	78
81) trans-1,4-Dichloro-2-b...	12.829	75	128668	56.591	ug/l #	1
84) 1,2,4-Trimethylbenzene	13.459	105	42552	2.416	ug/l	90
85) sec-Butylbenzene	13.588	105	6805	0.313	ug/l	91
86) p-Isopropyltoluene	13.759	119	69706	3.880	ug/l #	1
87) 1,3-Dichlorobenzene	13.676	146	3948	0.410	ug/l #	53
88) 1,4-Dichlorobenzene	13.765	146	6198	0.618	ug/l #	11
89) n-Butylbenzene	14.159	91	4423	0.248	ug/l	85
90) Hexachloroethane	14.276	117	1318	0.385	ug/l	66
91) 1,2-Dichlorobenzene	14.082	146	6369	0.697	ug/l #	34
92) 1,2-Dibromo-3-Chloropr...	14.723	75	1008	0.594	ug/l	65

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Quant Title : SW846 8260
QLast Update : Fri Aug 22 02:55:42 2025
Response via : Initial Calibration

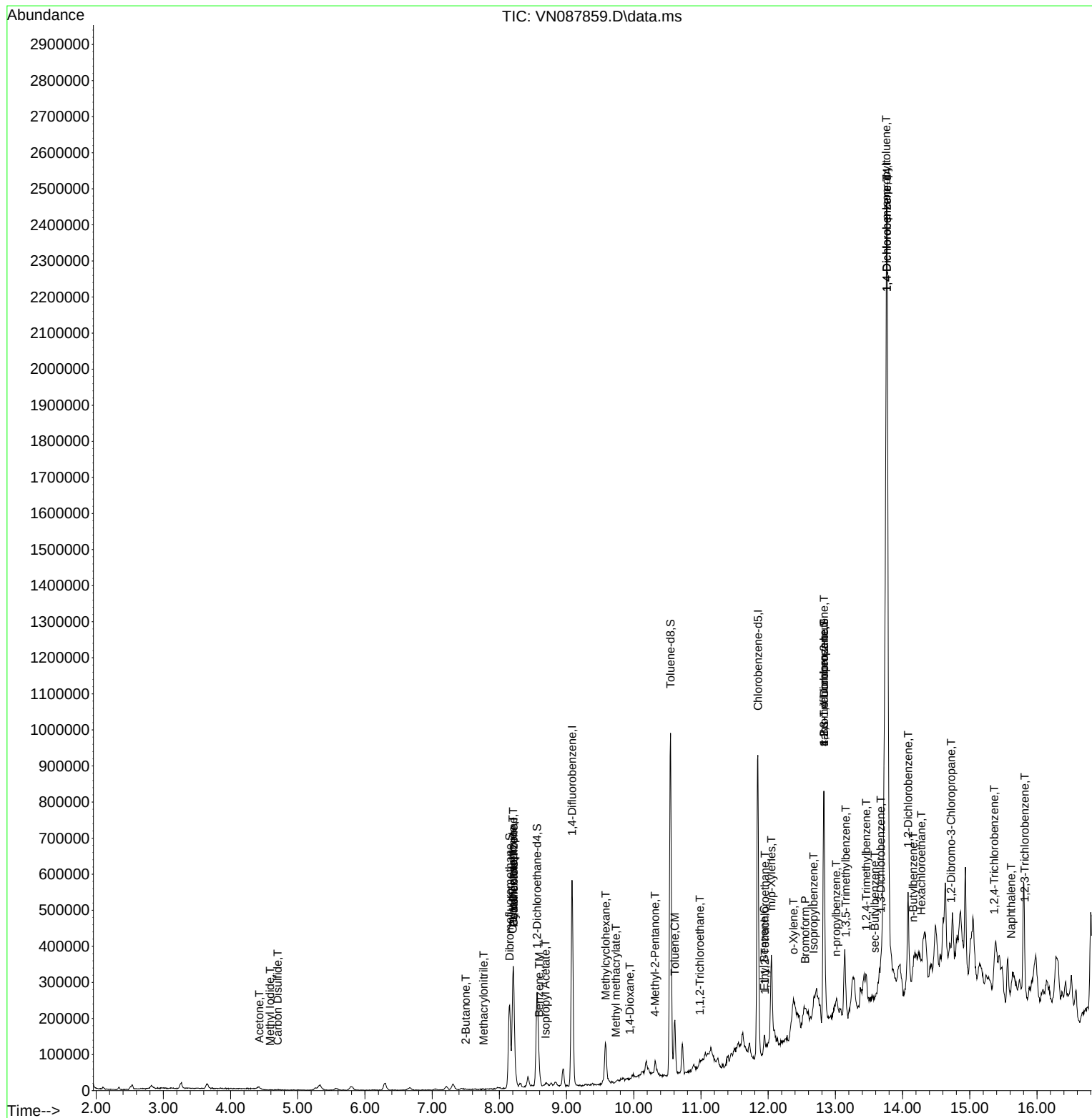
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.364	180	1881	0.343	ug/l #	46
95) Naphthalene	15.617	128	33768	1.738	ug/l #	76
96) 1,2,3-Trichlorobenzene	15.817	180	1206	0.225	ug/l #	67

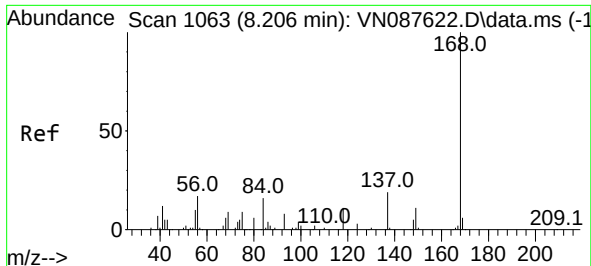
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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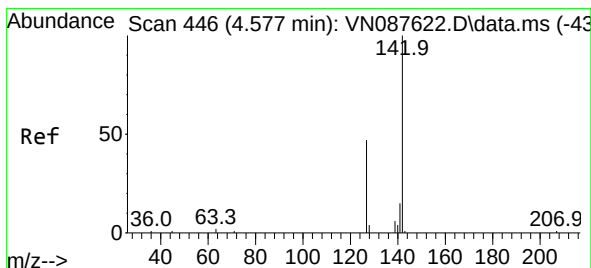
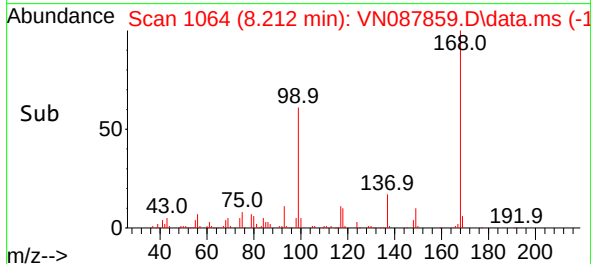
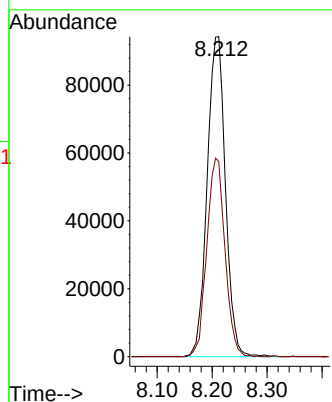
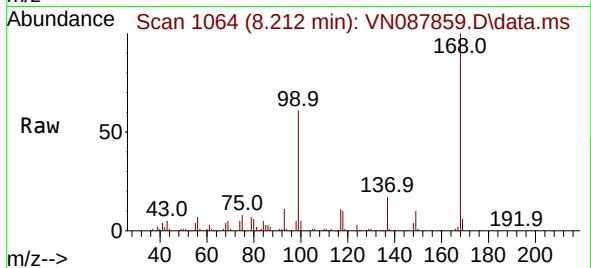




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

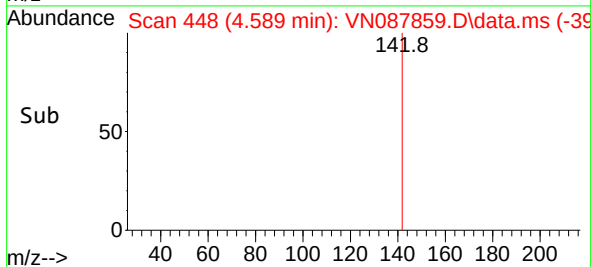
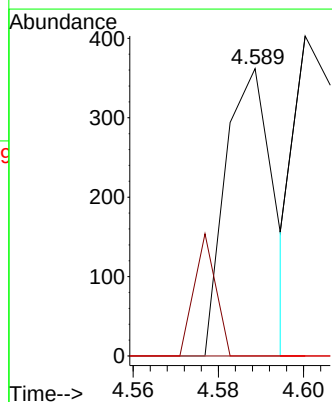
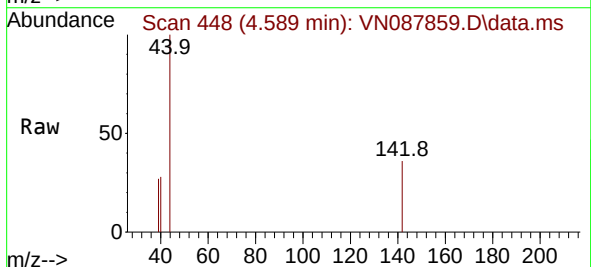
Instrument :
MSVOA_N
ClientSampleId :

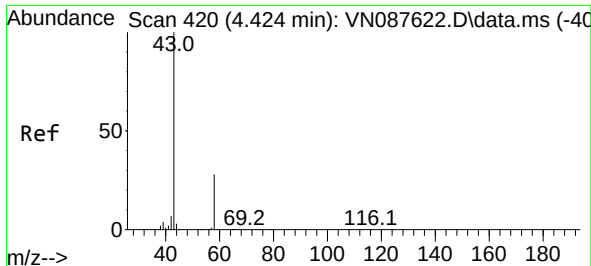
Tgt Ion:168 Resp: 217847
Ion Ratio Lower Upper
168 100
99 61.0 57.2 85.8



#10
Methyl Iodide
Concen: 6.919 ug/l
RT: 4.589 min Scan# 448
Delta R.T. 0.012 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:142 Resp: 287
Ion Ratio Lower Upper
142 100
127 0.0 38.0 57.0#
141 0.0 12.0 18.0#





#16

Acetone

Concen: 1.183 ug/l

RT: 4.430 min Scan# 41

Delta R.T. 0.006 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

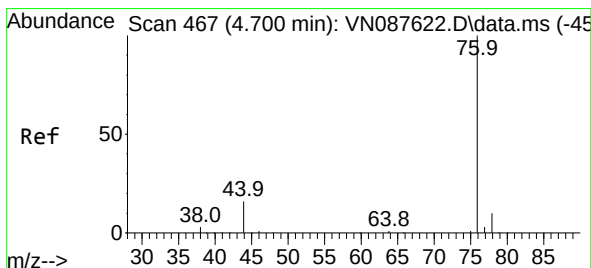
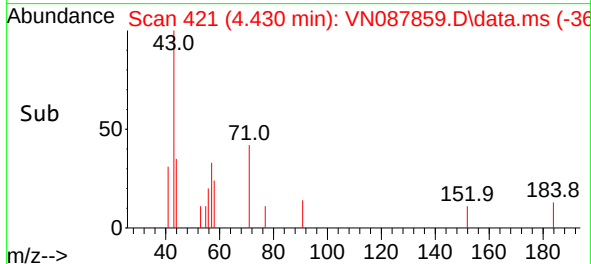
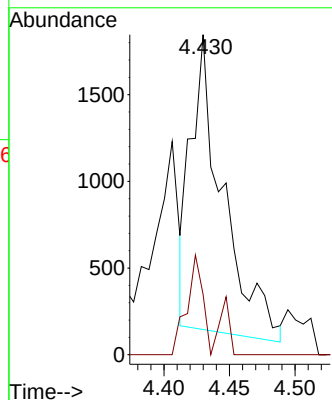
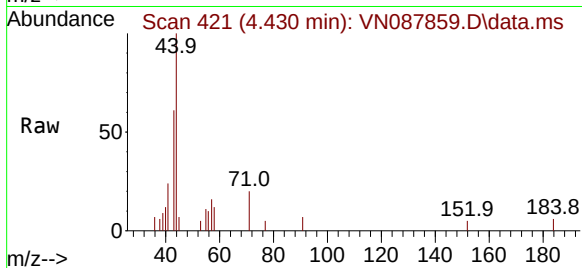
ClientSampleId :

Tgt Ion: 43 Resp: 2875

Ion Ratio Lower Upper

43 100

58 20.7 22.6 33.8#



#17

Carbon Disulfide

Concen: 0.238 ug/l

RT: 4.700 min Scan# 467

Delta R.T. -0.000 min

Lab File: VN087859.D

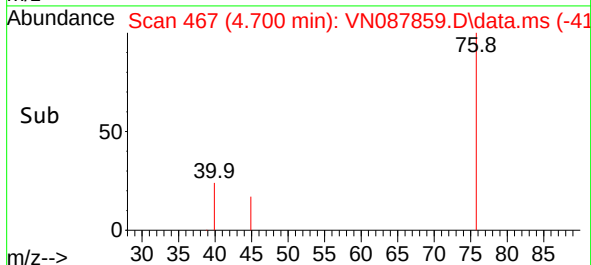
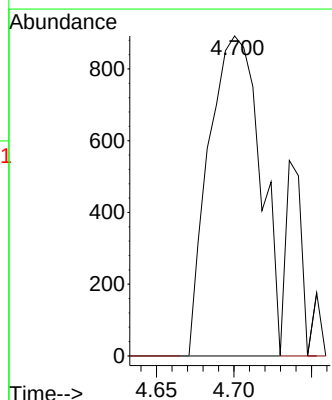
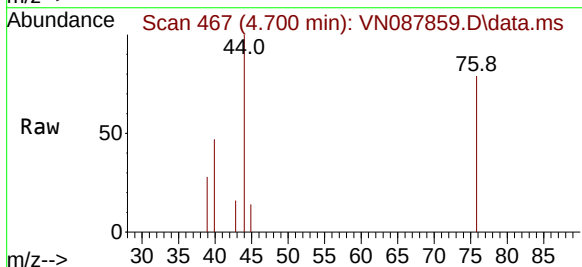
Acq: 16 Sep 2025 18:36

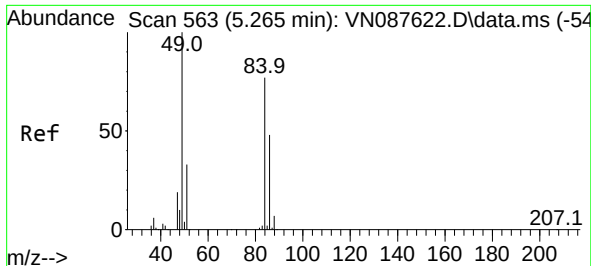
Tgt Ion: 76 Resp: 2061

Ion Ratio Lower Upper

76 100

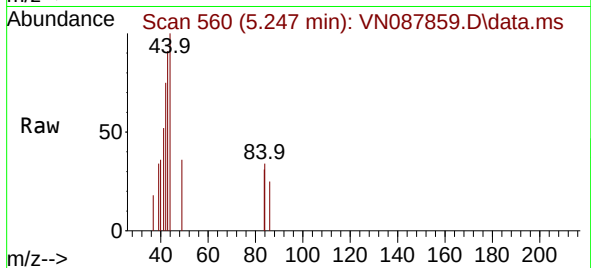
78 0.0 7.6 11.4#



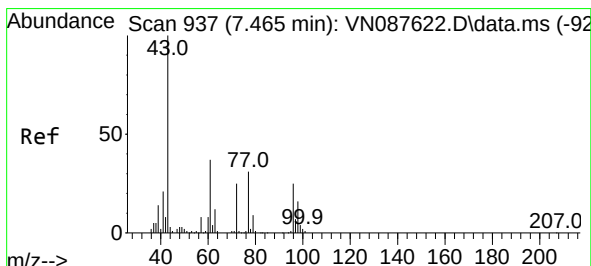
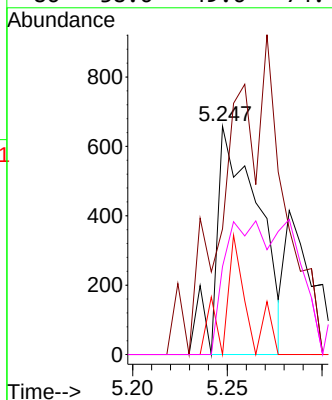
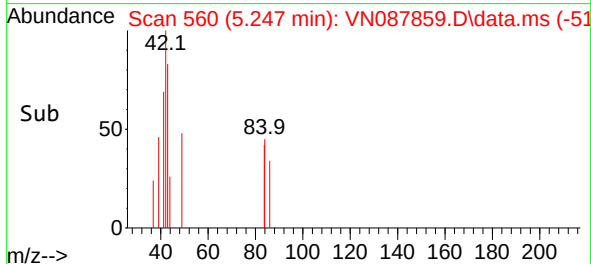


#20
Methylene Chloride
Concen: Below Cal
RT: 5.247 min Scan# 51
Delta R.T. -0.018 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Instrument :
MSVOA_N
ClientSampleId :

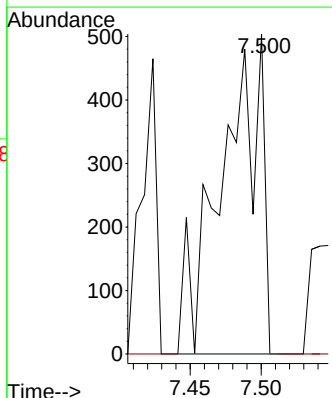
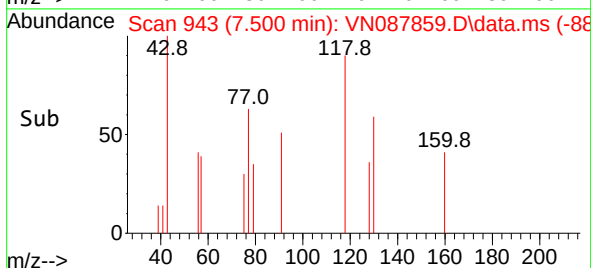
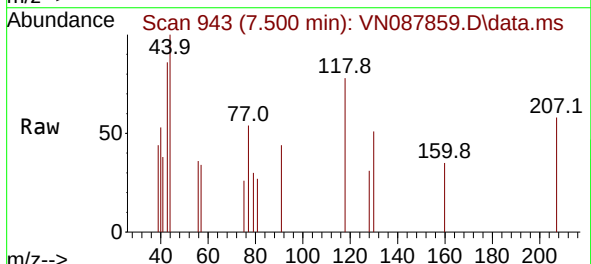


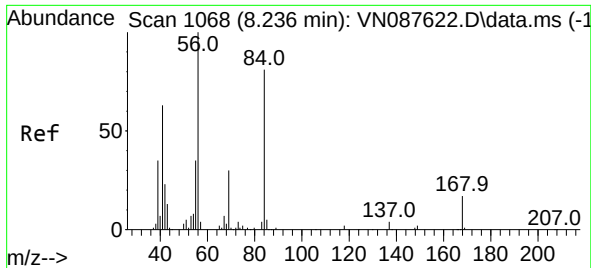
Tgt Ion: 84 Resp: 1024
Ion Ratio Lower Upper
84 100
49 23.9 103.4 155.2#
51 0.0 33.8 50.8#
86 38.6 49.6 74.4#



#25
2-Butanone
Concen: 0.312 ug/l
RT: 7.500 min Scan# 943
Delta R.T. 0.035 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

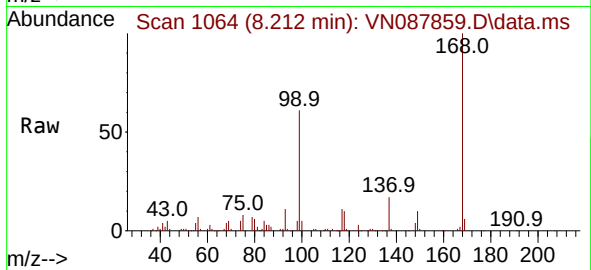
Tgt Ion: 43 Resp: 998
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#



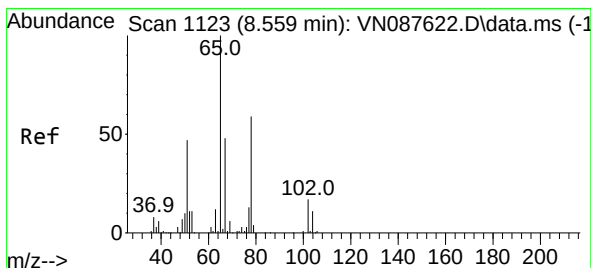
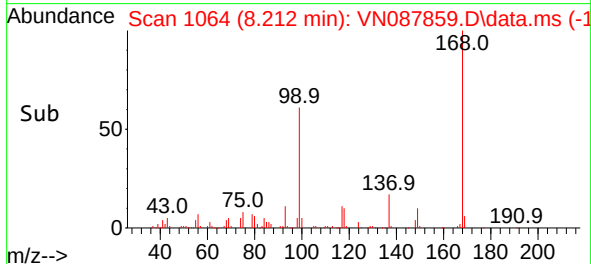
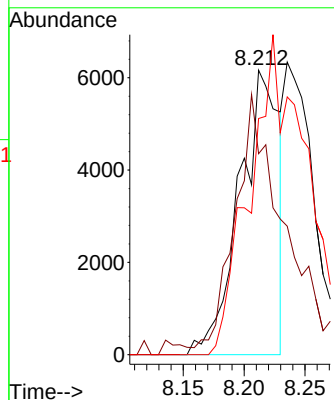


#31
Cyclohexane
Concen: 2.467 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Instrument :
MSVOA_N
ClientSampleId :

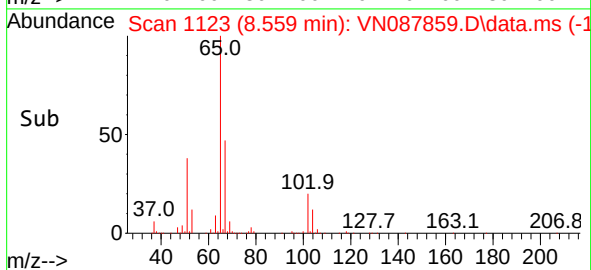
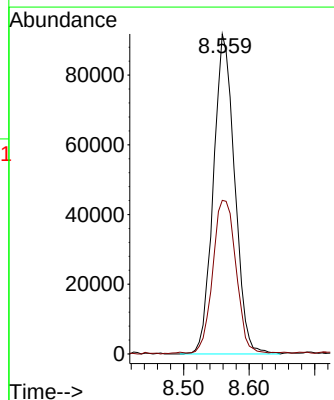
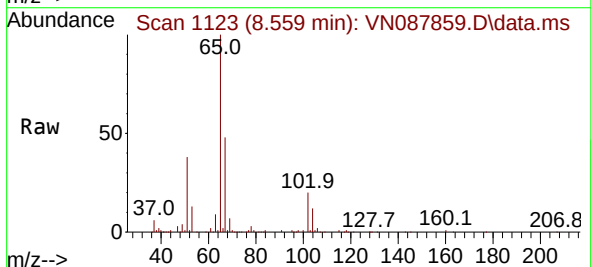


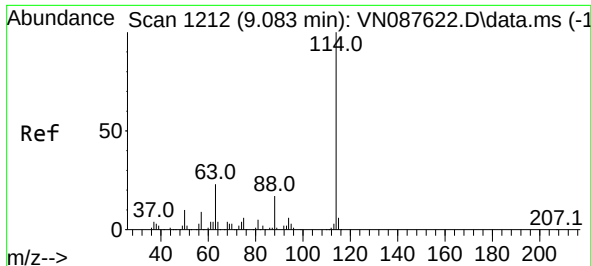
Tgt Ion: 56 Resp: 13851
Ion Ratio Lower Upper
56 100
69 67.2 23.7 35.5#
84 83.0 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 46.291 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

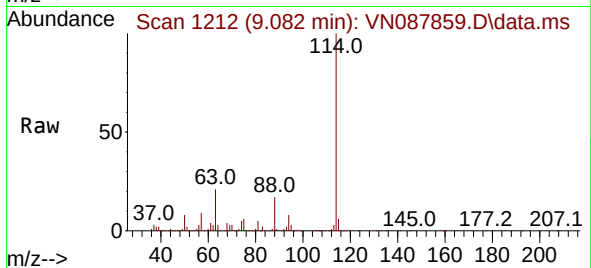
Tgt Ion: 65 Resp: 206618
Ion Ratio Lower Upper
65 100
67 52.0 0.0 100.0



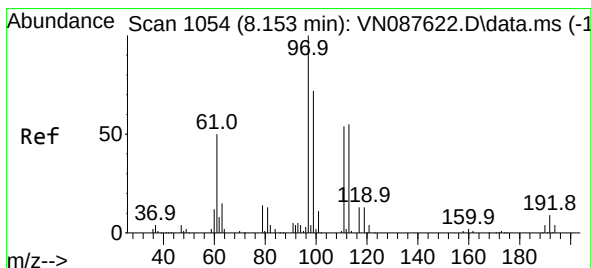
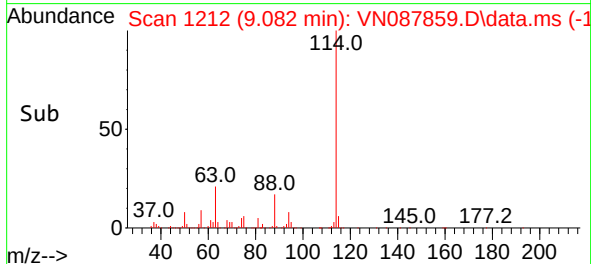
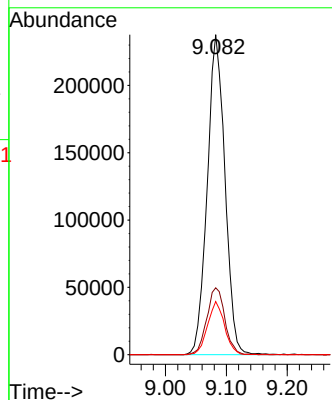


#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 9.082 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Instrument :
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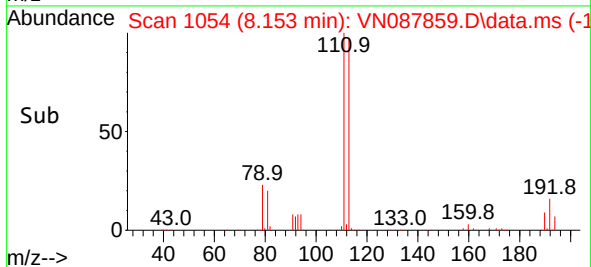
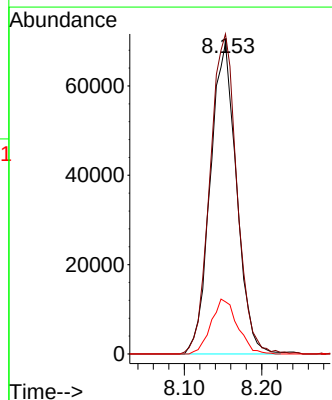
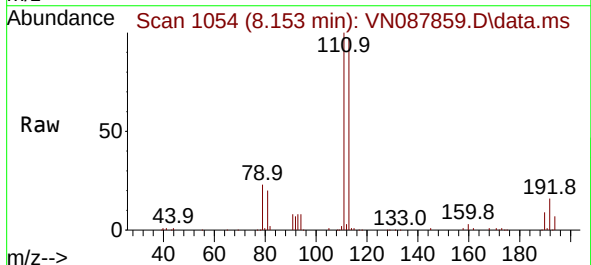


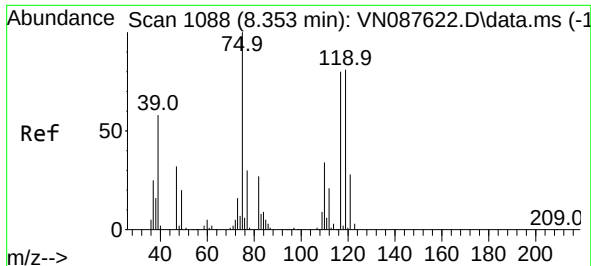
Tgt Ion:114 Resp: 480291
Ion Ratio Lower Upper
114 100
63 20.9 0.0 45.2
88 16.6 0.0 33.4



#35
Dibromofluoromethane
Concen: 47.324 ug/l
RT: 8.153 min Scan# 1054
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:113 Resp: 164104
Ion Ratio Lower Upper
113 100
111 105.6 82.8 124.2
192 17.7 12.8 19.2





#36

1,1-Dichloropropene

Concen: 3.822 ug/l

RT: 8.206 min Scan# 1063

Delta R.T. -0.147 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

ClientSampleId :

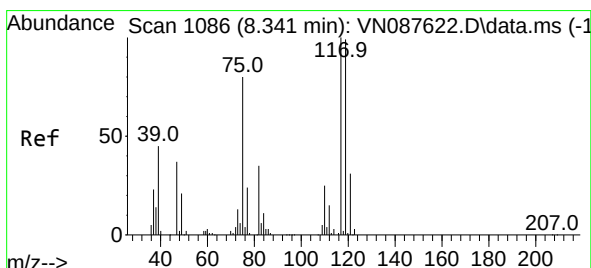
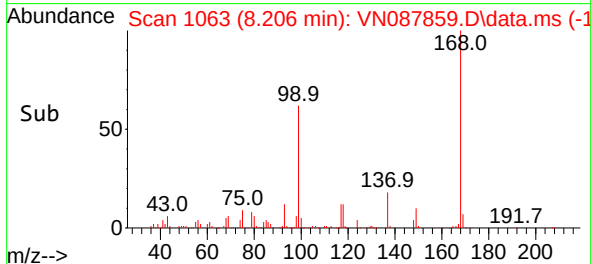
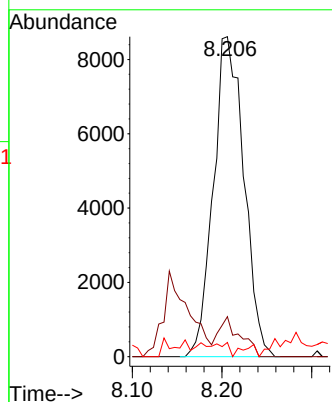
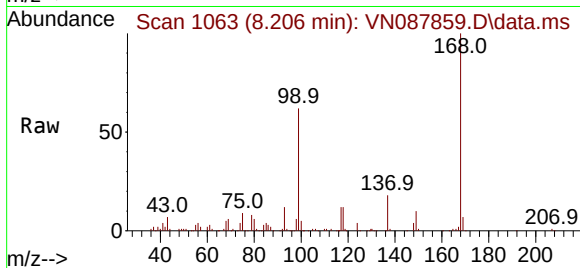
Tgt Ion: 75 Resp: 20331

Ion Ratio Lower Upper

75 100

110 8.7 15.9 47.6#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 4.947 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.141 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

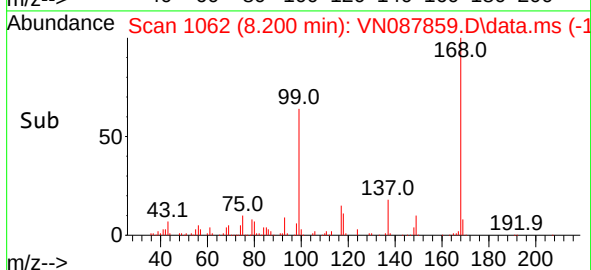
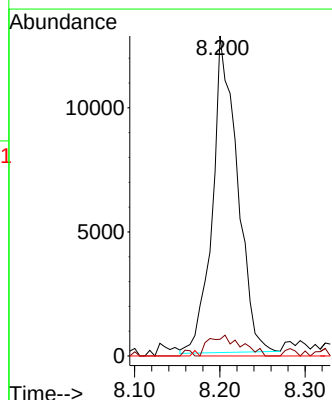
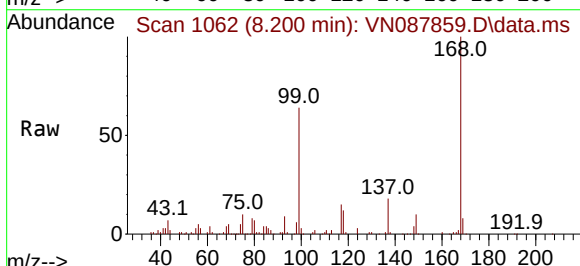
Tgt Ion: 117 Resp: 25982

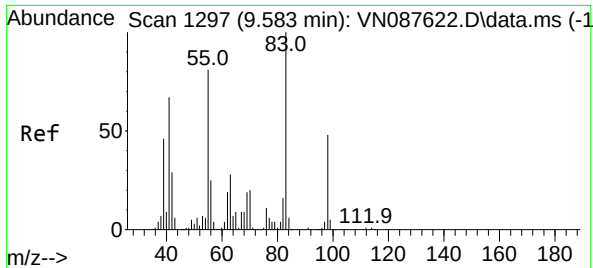
Ion Ratio Lower Upper

117 100

119 5.3 79.0 118.6#

121 0.0 25.0 37.6#





#39

Methylcyclohexane

Concen: 7.786 ug/l

RT: 9.582 min Scan# 1129

Delta R.T. -0.000 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

ClientSampleId :

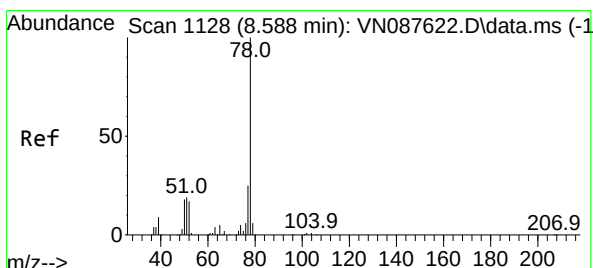
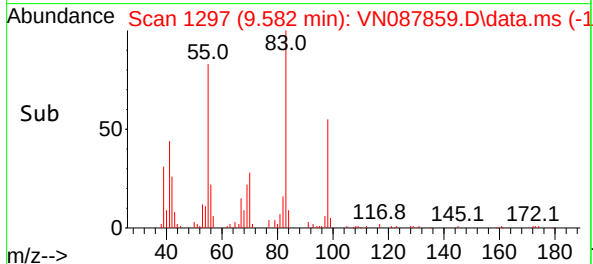
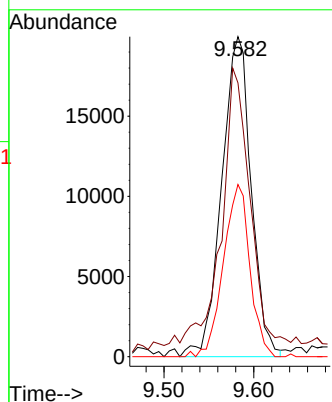
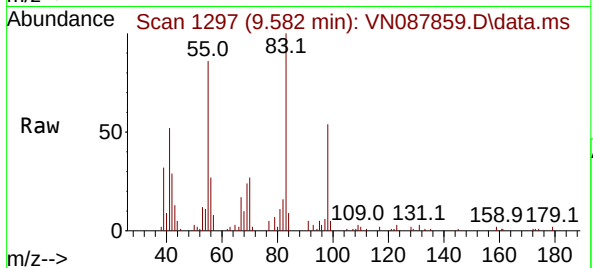
Tgt Ion: 83 Resp: 45600

Ion Ratio Lower Upper

83 100

55 81.2 64.6 96.8

98 53.8 38.4 57.6



#40

Benzene

Concen: 2.728 ug/l

RT: 8.594 min Scan# 1129

Delta R.T. 0.006 min

Lab File: VN087859.D

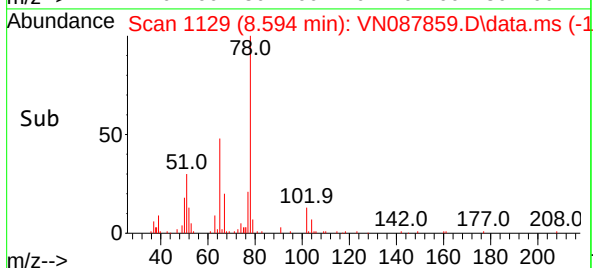
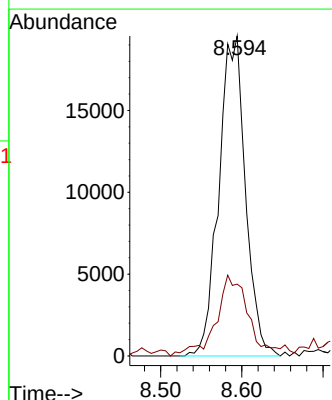
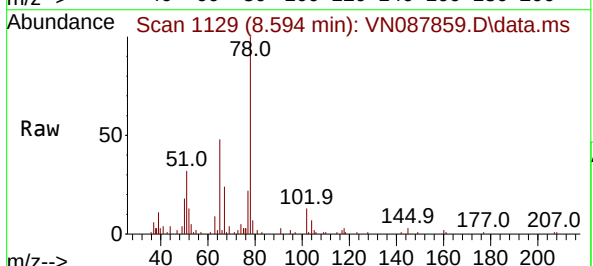
Acq: 16 Sep 2025 18:36

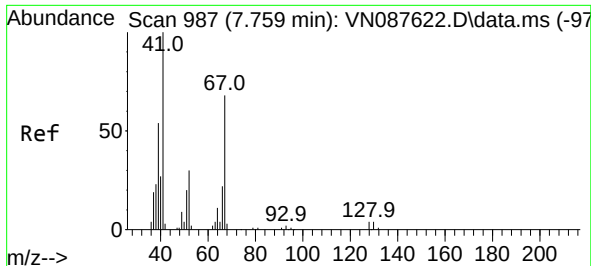
Tgt Ion: 78 Resp: 44510

Ion Ratio Lower Upper

78 100

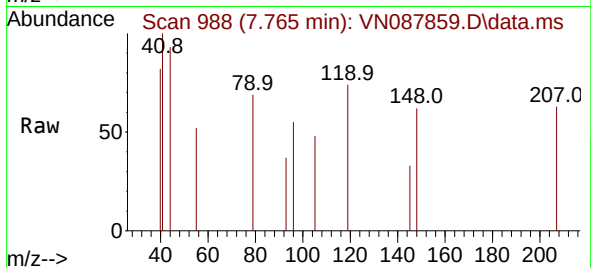
77 21.5 19.7 29.5



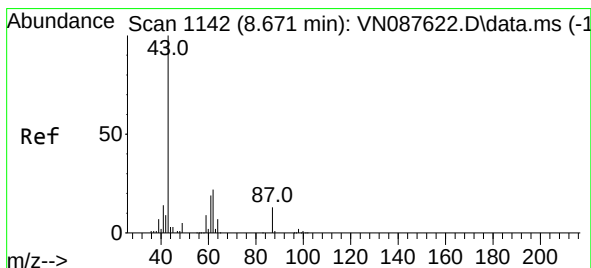
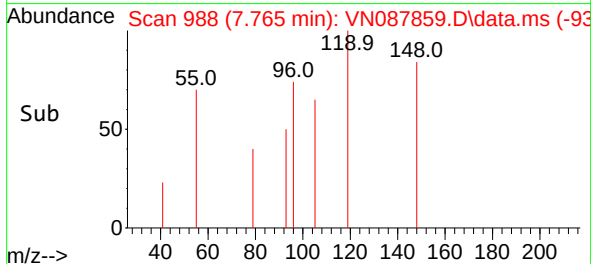
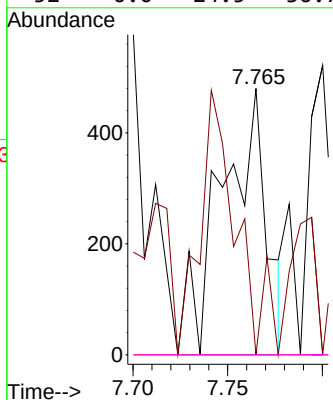


#41
Methacrylonitrile
Concen: 0.212 ug/l
RT: 7.765 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Instrument :
MSVOA_N
ClientSampleId :

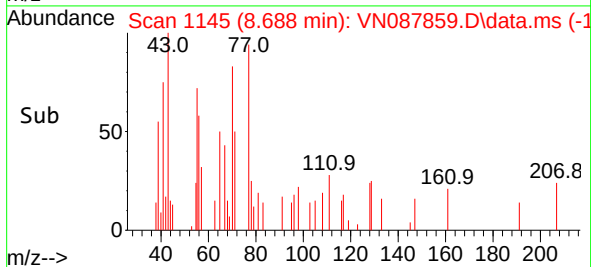
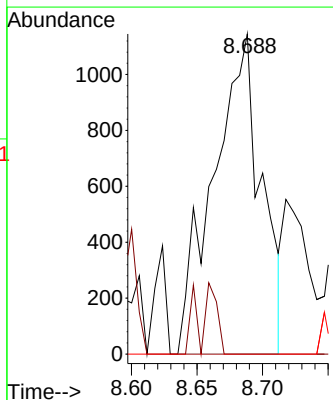
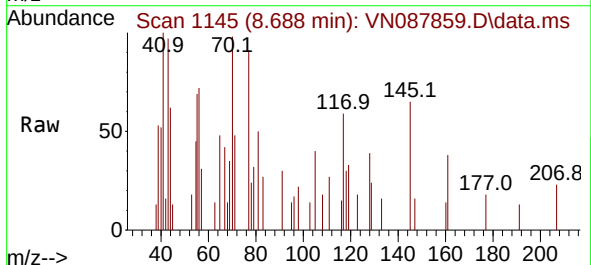


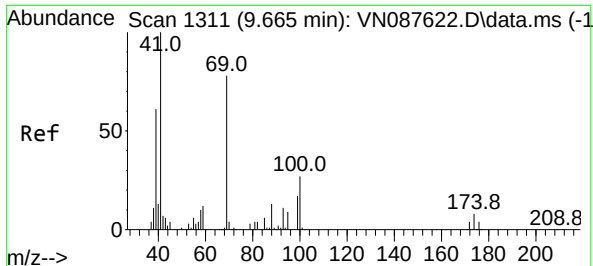
Tgt Ion:	41	Resp:	797
Ion	Ratio	Lower	Upper
41	100		
39	0.0	45.4	68.0#
67	0.0	55.3	82.9#
52	0.0	24.5	36.7#



#43
Isopropyl Acetate
Concen: 0.256 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.018 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:	43	Resp:	2908
Ion	Ratio	Lower	Upper
43	100		
61	0.0	18.8	28.2#
87	0.0	9.6	14.4#

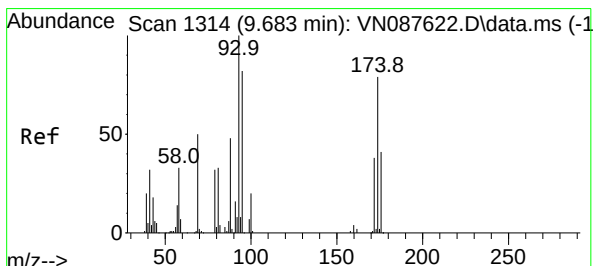
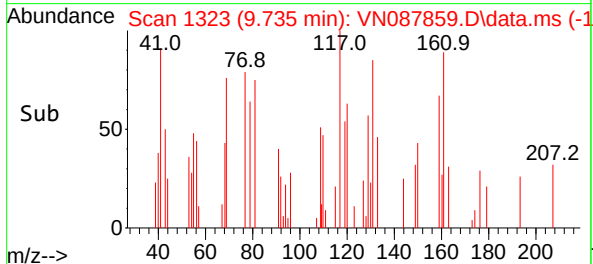
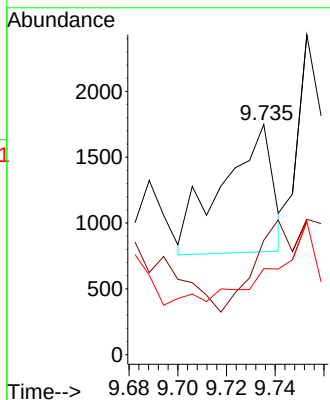
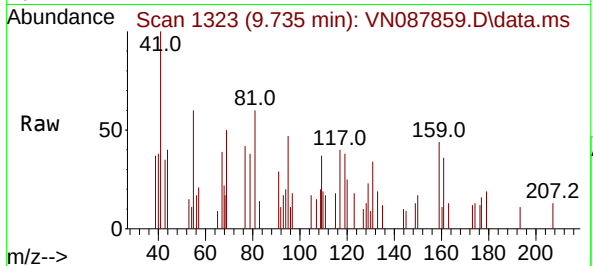




#48
Methyl methacrylate
Concen: 0.258 ug/l
RT: 9.735 min Scan# 1385
Delta R.T. 0.070 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

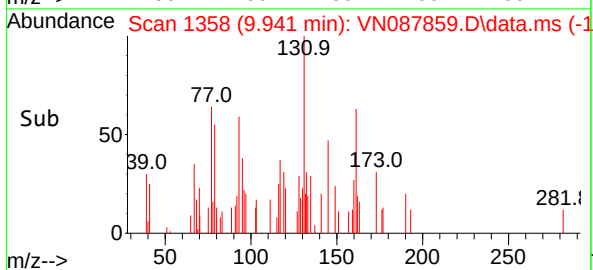
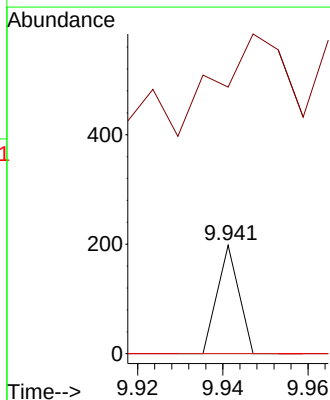
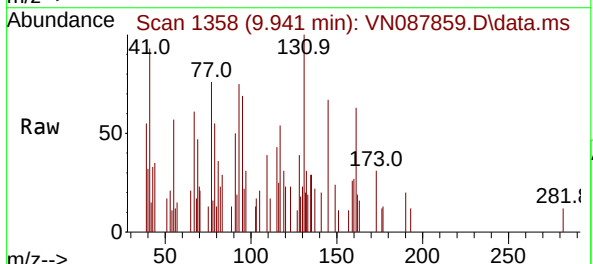
Instrument :
MSVOA_N
ClientSampleId :

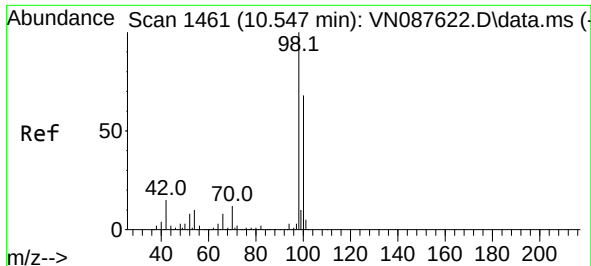
Tgt Ion: 41 Resp: 1385
Ion Ratio Lower Upper
41 100
69 53.9 62.7 94.1#
39 0.0 52.9 79.3#



#49
1,4-Dioxane
Concen: 1.006 ug/l
RT: 9.941 min Scan# 1358
Delta R.T. 0.259 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 88 Resp: 70
Ion Ratio Lower Upper
88 100
43 292.9 0.0 0.0#
58 0.0 57.9 86.9#

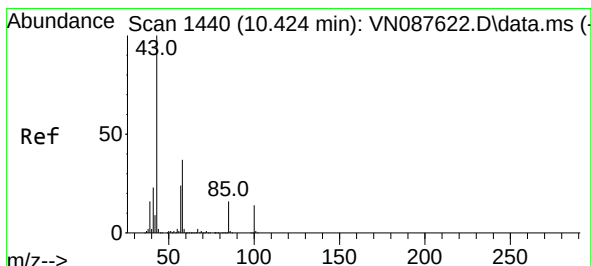
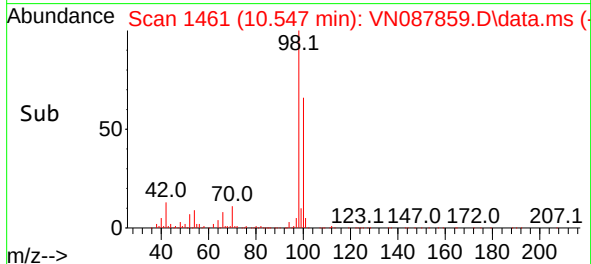
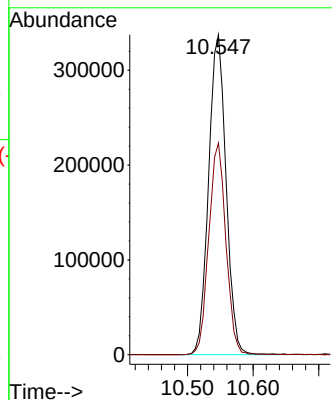
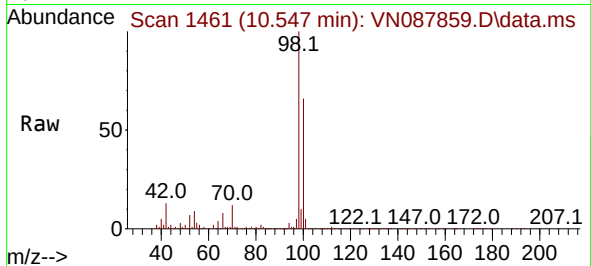




#50
Toluene-d8
Concen: 48.166 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

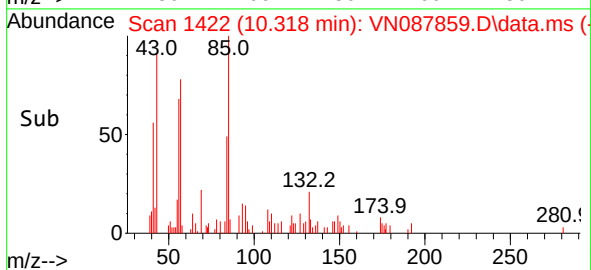
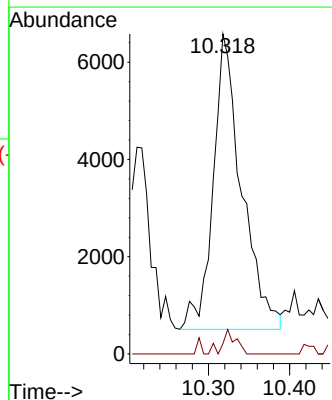
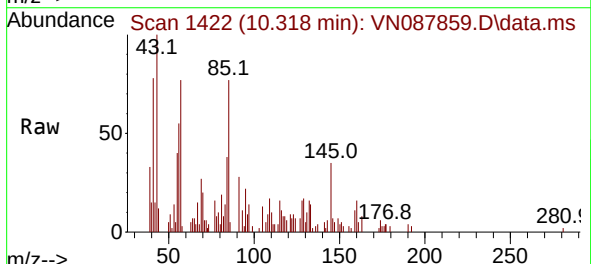
Instrument :
MSVOA_N
ClientSampleId :

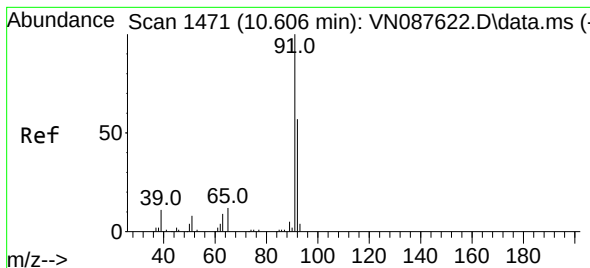
Tgt Ion: 98 Resp: 625142
Ion Ratio Lower Upper
98 100
100 64.8 52.8 79.2



#51
4-Methyl-2-Pentanone
Concen: 2.161 ug/l
RT: 10.318 min Scan# 1422
Delta R.T. -0.106 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 43 Resp: 14800
Ion Ratio Lower Upper
43 100
58 3.9 29.6 44.4#





#52

Toluene

Concen: 6.126 ug/l

RT: 10.612 min Scan# 1471

Delta R.T. 0.006 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

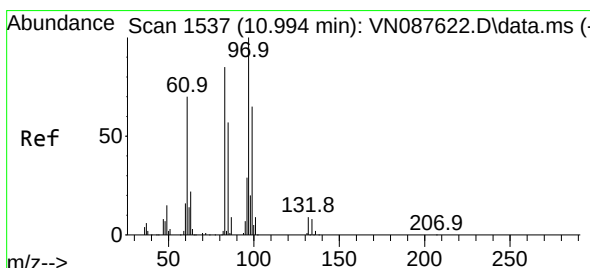
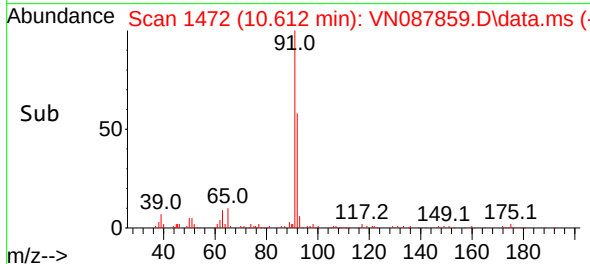
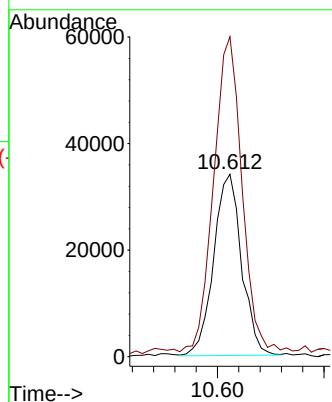
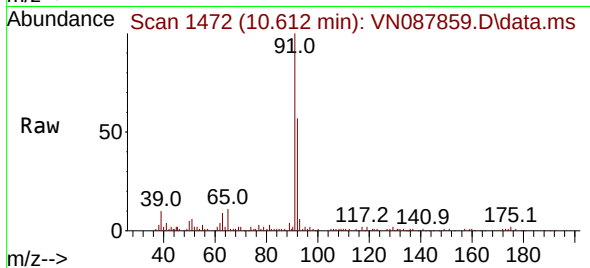
ClientSampleId :

Tgt Ion: 92 Resp: 61968

Ion Ratio Lower Upper

92 100

91 175.1 140.4 210.6



#55

1,1,2-Trichloroethane

Concen: 1.447 ug/l

RT: 10.982 min Scan# 1535

Delta R.T. -0.012 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Tgt Ion: 97 Resp: 5661

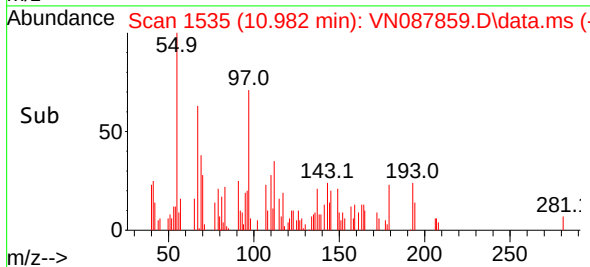
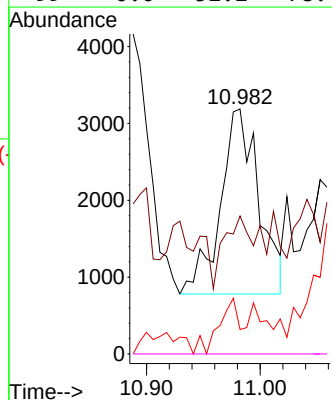
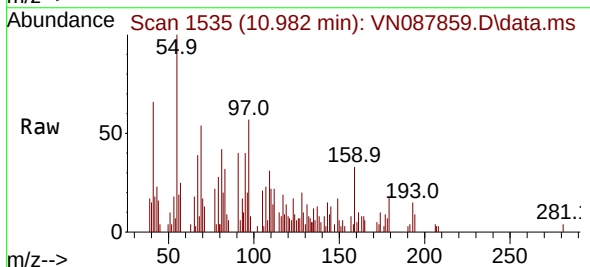
Ion Ratio Lower Upper

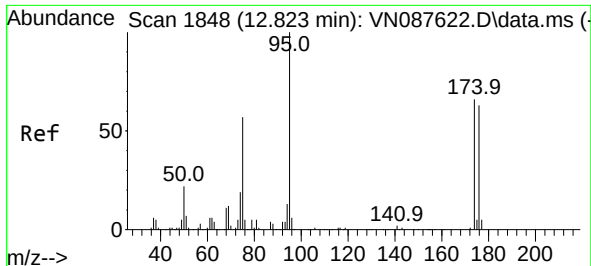
97 100

83 16.4 68.2 102.4#

85 4.2 45.5 68.3#

99 0.0 52.2 78.4#

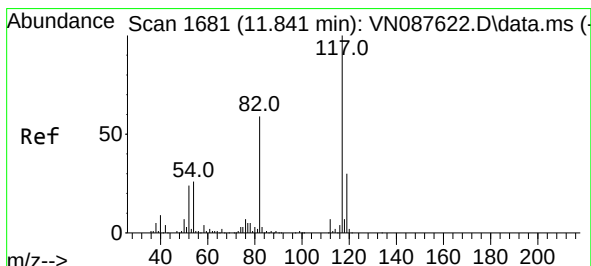
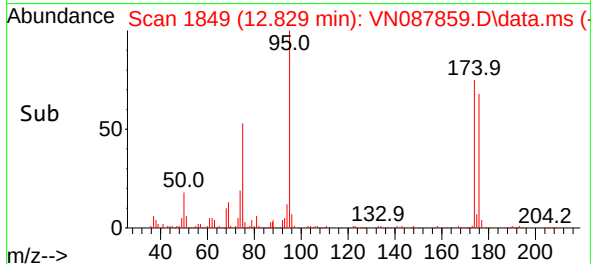
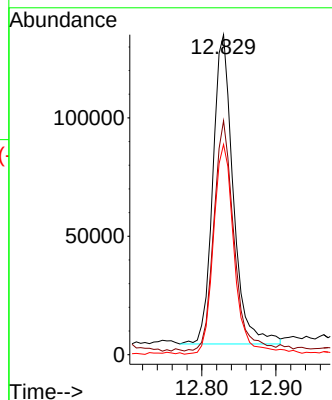
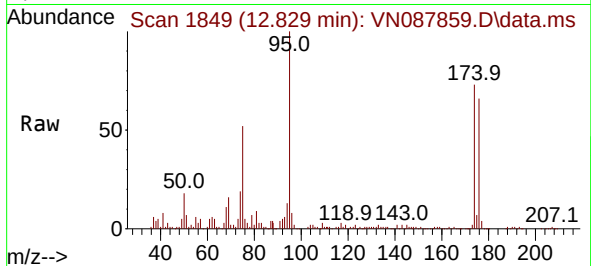




#62
4-Bromofluorobenzene
Concen: 54.116 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

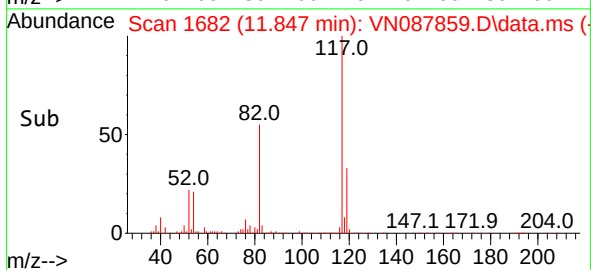
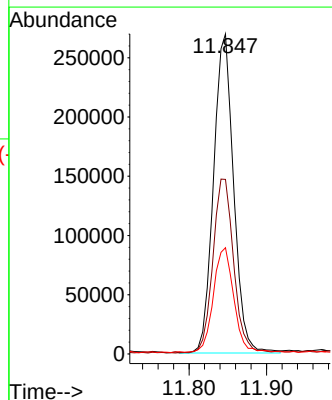
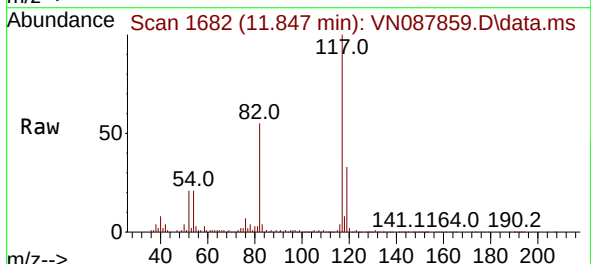
Instrument :
MSVOA_N
ClientSampleId :

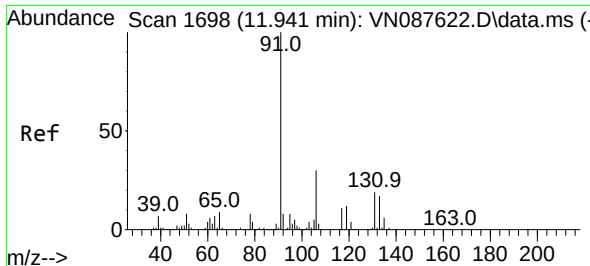
Tgt Ion: 95 Resp: 249786
Ion Ratio Lower Upper
95 100
174 73.3 0.0 138.4
176 69.4 0.0 132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 117 Resp: 485158
Ion Ratio Lower Upper
117 100
82 54.3 47.4 71.2
119 32.6 24.3 36.5

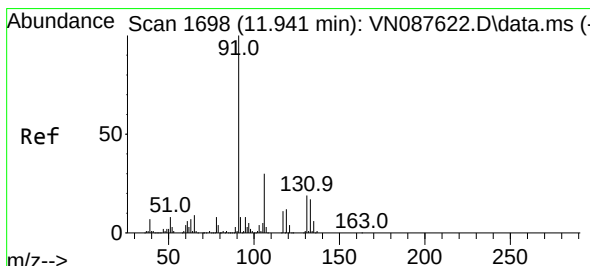
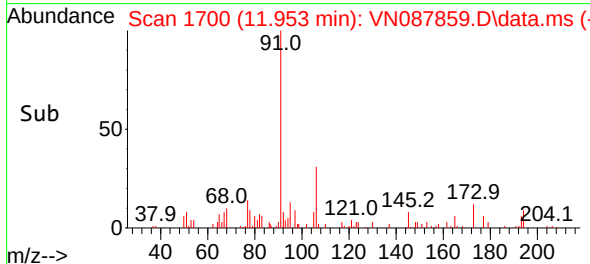
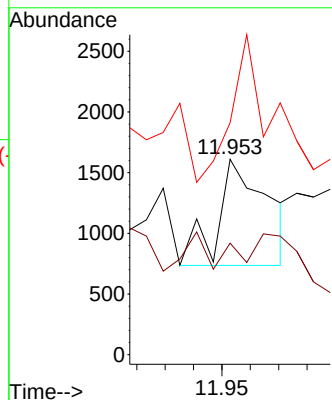
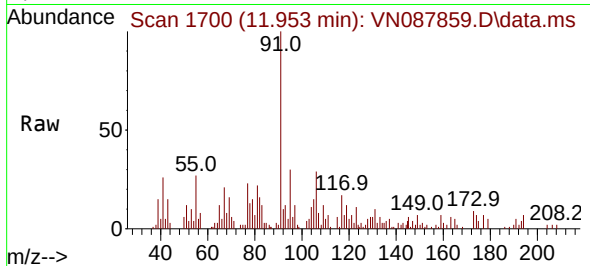




#66
1,1,1,2-Tetrachloroethane
Concen: 0.267 ug/l
RT: 11.953 min Scan# 11
Delta R.T. 0.012 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

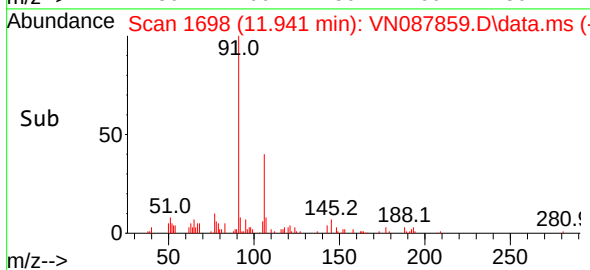
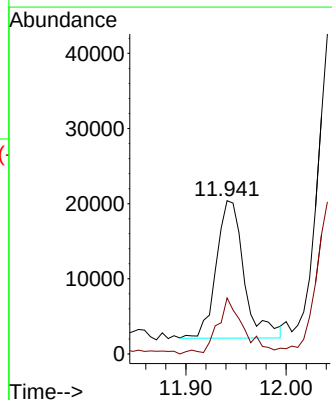
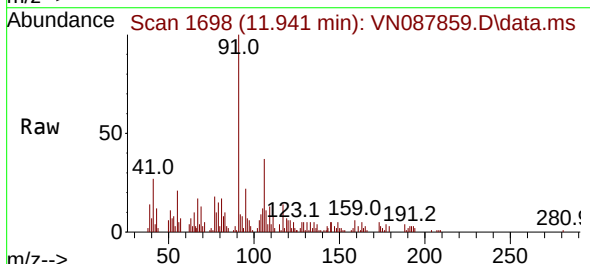
Instrument :
MSVOA_N
ClientSampleId :

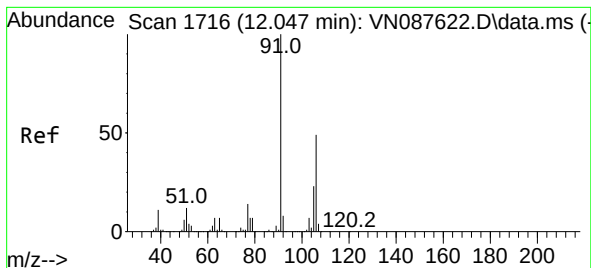
Tgt Ion:131 Resp: 1069
Ion Ratio Lower Upper
131 100
133 0.0 48.0 144.0#
119 0.0 32.6 97.7#



#67
Ethyl Benzene
Concen: 1.680 ug/l
RT: 11.941 min Scan# 1698
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 91 Resp: 35116
Ion Ratio Lower Upper
91 100
106 40.8 24.1 36.1#

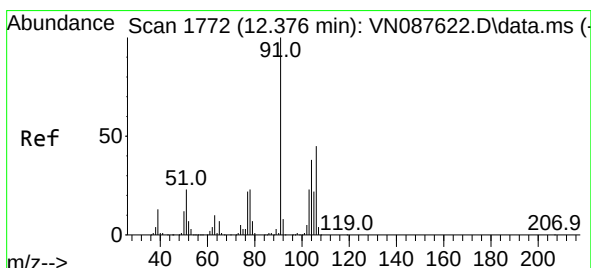
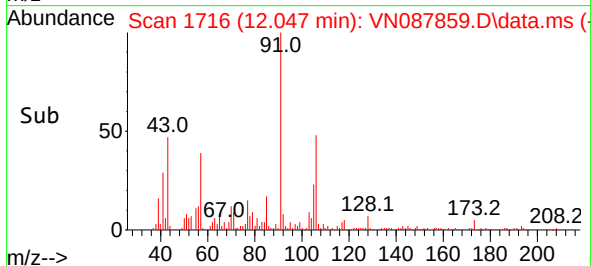
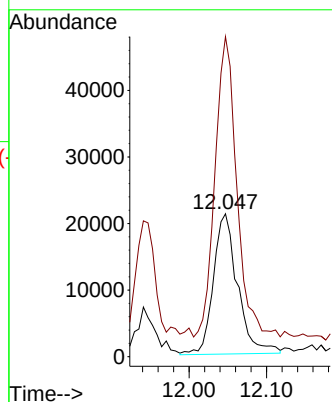
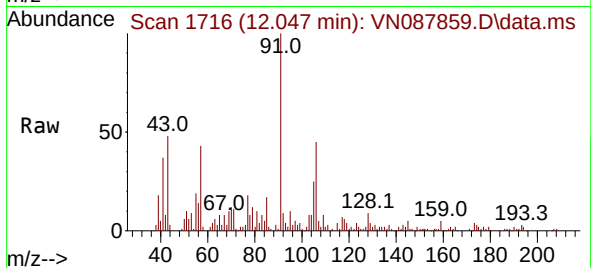




#68
m/p-Xylenes
Concen: 5.980 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

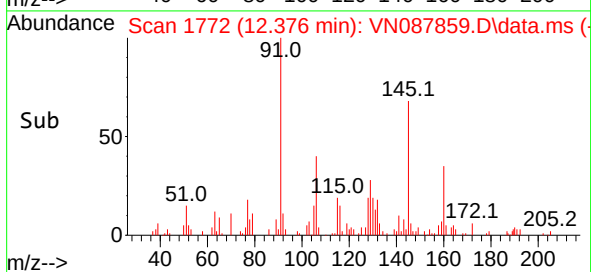
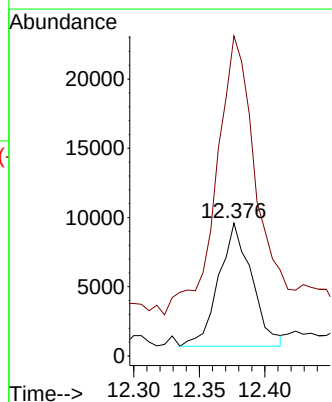
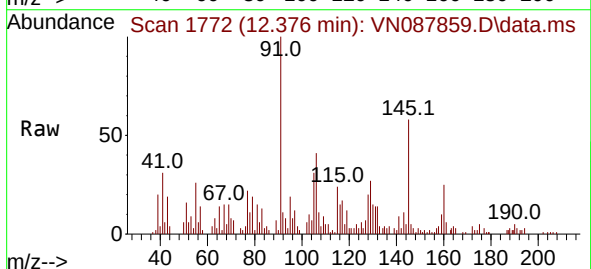
Instrument :
MSVOA_N
ClientSampleId :

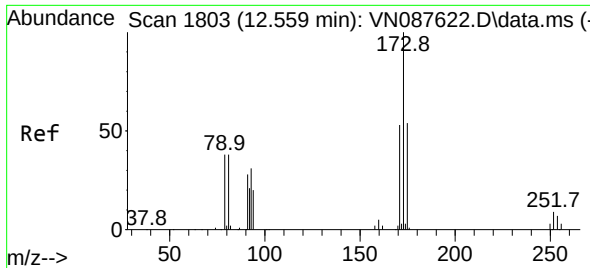
Tgt Ion:106 Resp: 45831
Ion Ratio Lower Upper
106 100
91 195.0 169.3 253.9



#69
o-Xylene
Concen: 2.070 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:106 Resp: 15546
Ion Ratio Lower Upper
106 100
91 275.8 111.4 334.2

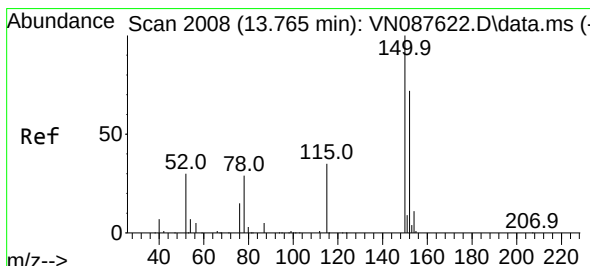
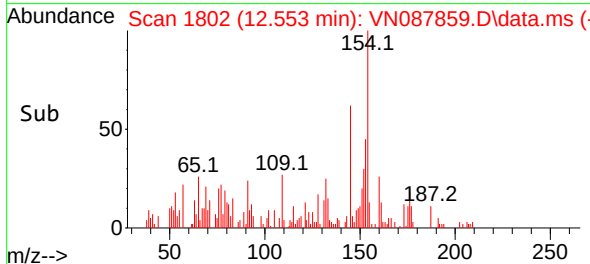
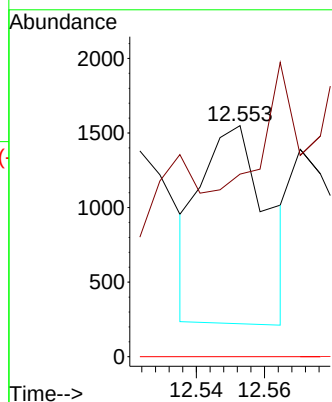
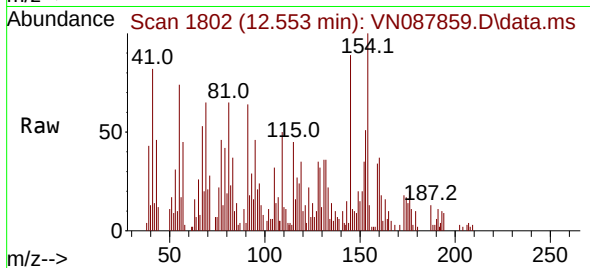




#71
Bromoform
Concen: 0.577 ug/l
RT: 12.553 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

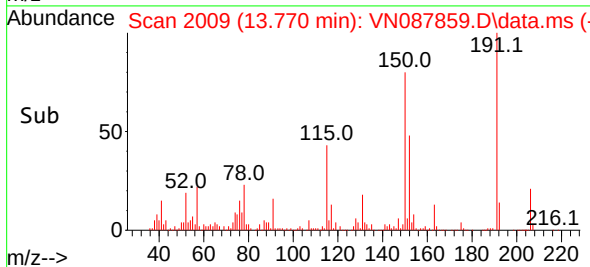
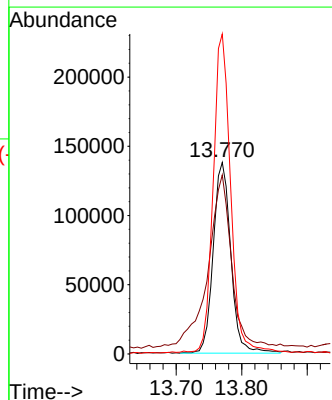
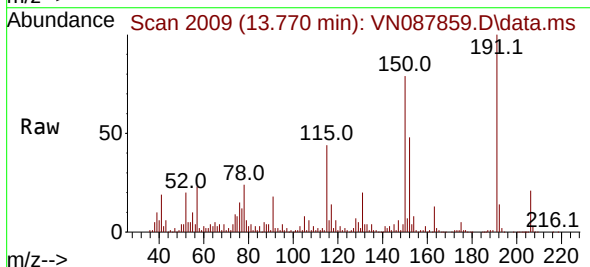
Instrument :
MSVOA_N
ClientSampleId :

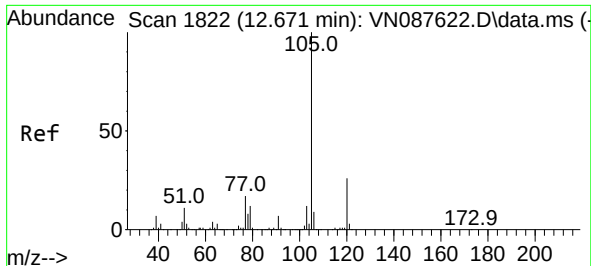
Tgt Ion:173 Resp: 1774
Ion Ratio Lower Upper
173 100
175 26.4 24.9 74.6
254 0.0 0.1 0.1#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:152 Resp: 256678
Ion Ratio Lower Upper
152 100
115 118.6 32.3 96.8#
150 165.9 0.0 351.0

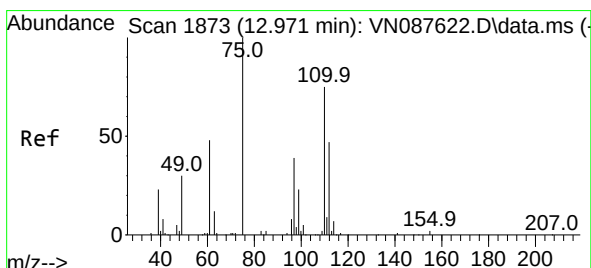
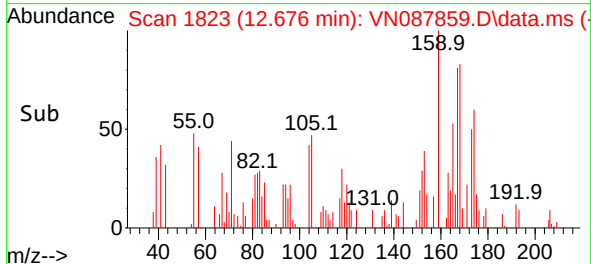
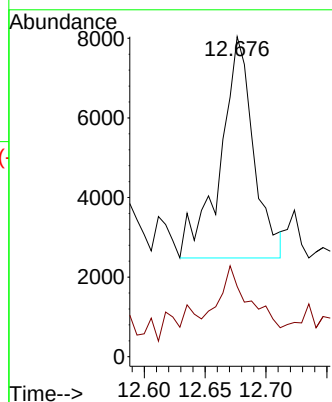
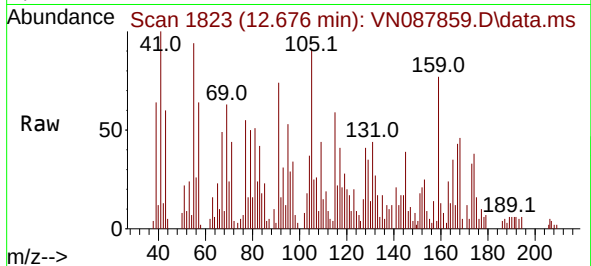




#73
Isopropylbenzene
Concen: 0.509 ug/l
RT: 12.676 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

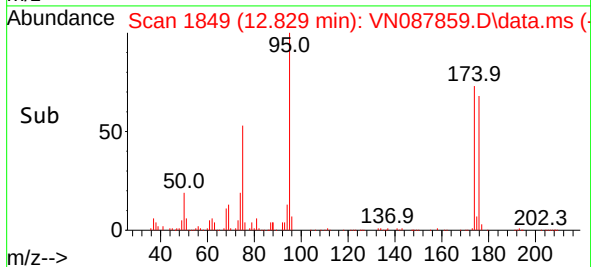
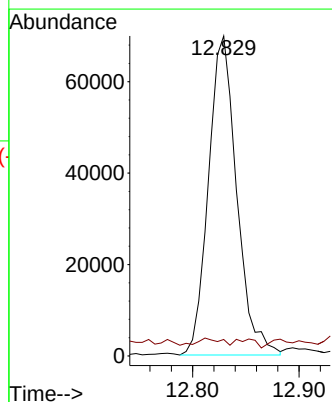
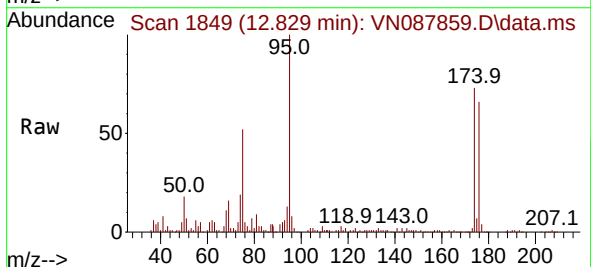
Instrument :
MSVOA_N
ClientSampleId :

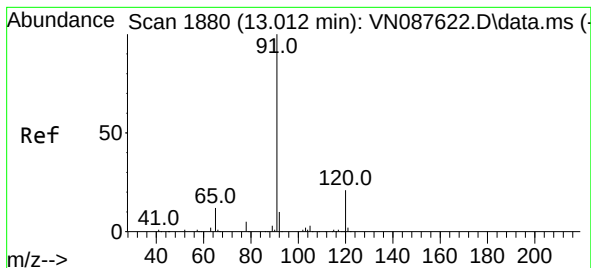
Tgt Ion:105 Resp: 10563
Ion Ratio Lower Upper
105 100
120 24.3 12.8 38.3



#76
1,2,3-Trichloropropane
Concen: 21.376 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 75 Resp: 128668
Ion Ratio Lower Upper
75 100
77 1.5 89.1 267.4#





#78

n-propylbenzene

Concen: 0.962 ug/l

RT: 13.012 min Scan# 1880

Delta R.T. -0.000 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

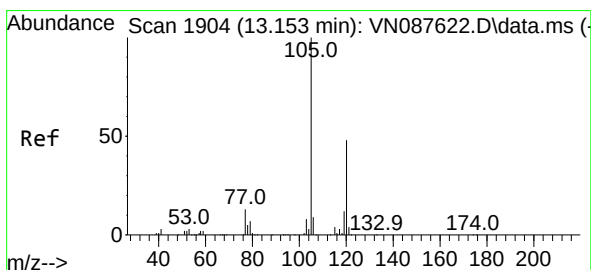
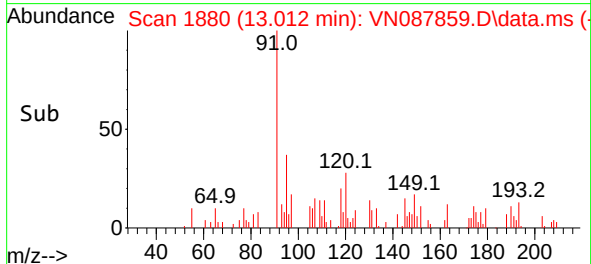
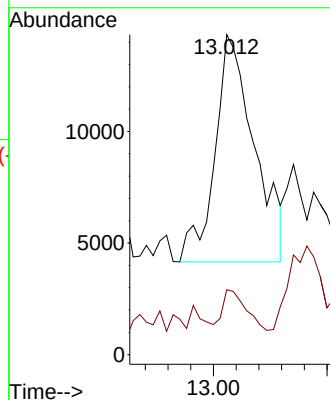
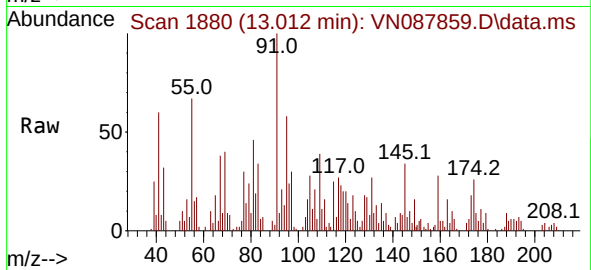
ClientSampleId :

Tgt Ion: 91 Resp: 24575

Ion Ratio Lower Upper

91 100

120 14.8 10.7 32.1



#80

1,3,5-Trimethylbenzene

Concen: 0.924 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VN087859.D

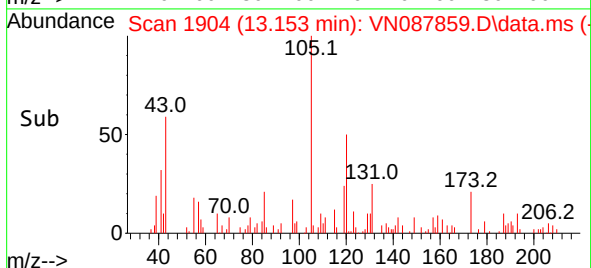
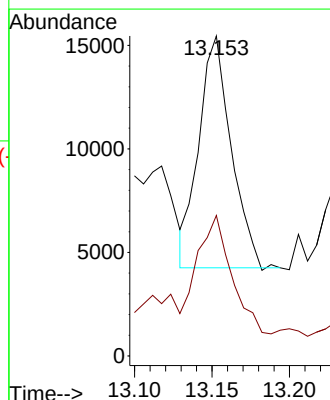
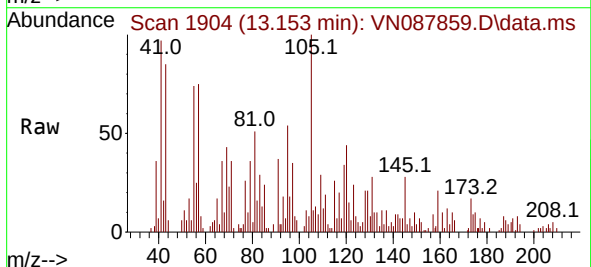
Acq: 16 Sep 2025 18:36

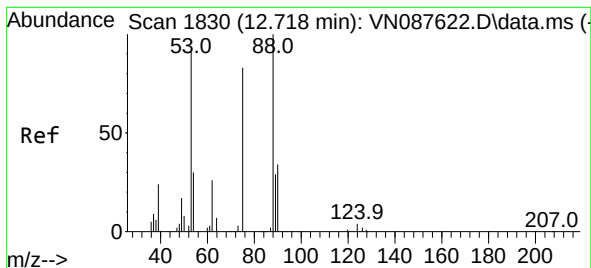
Tgt Ion:105 Resp: 16255

Ion Ratio Lower Upper

105 100

120 61.0 23.2 69.6

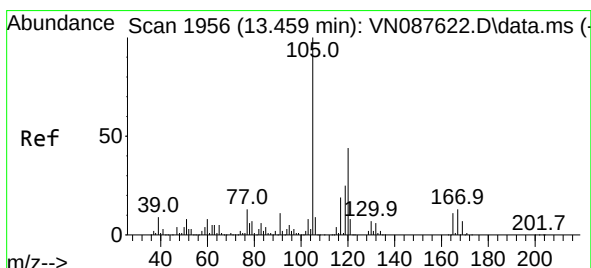
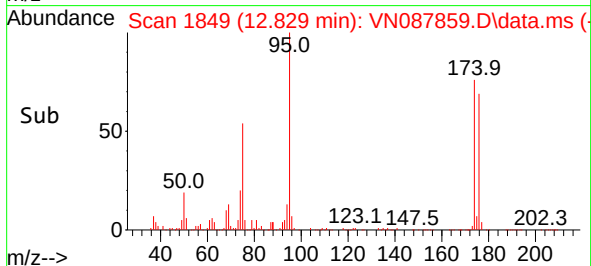
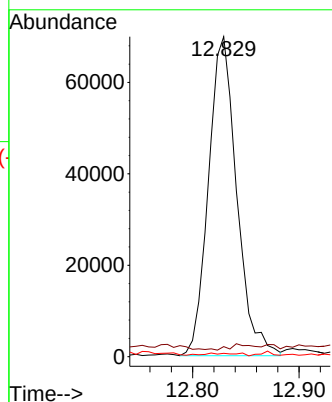
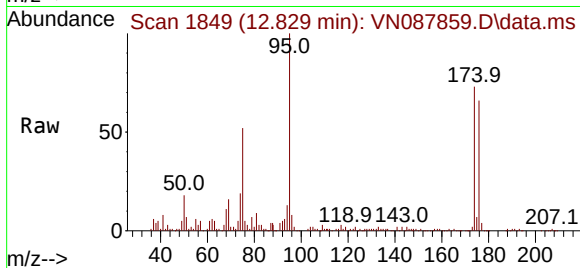




#81
 trans-1,4-Dichloro-2-butene
 Concen: 56.591 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN087859.D
 Acq: 16 Sep 2025 18:36

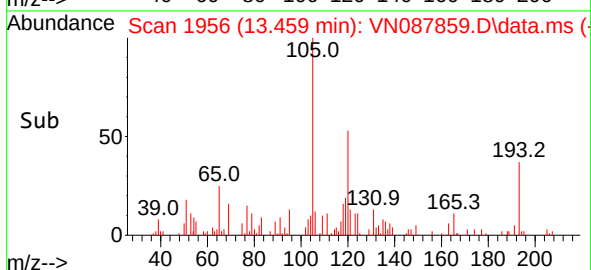
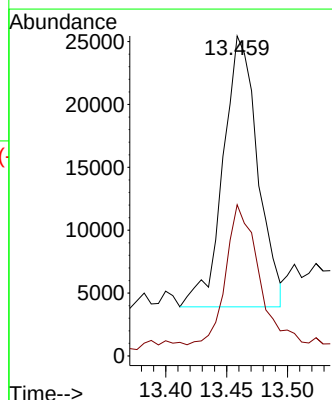
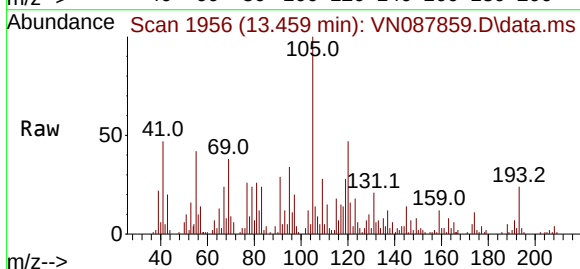
Instrument :
 MSVOA_N
 ClientSampleId :

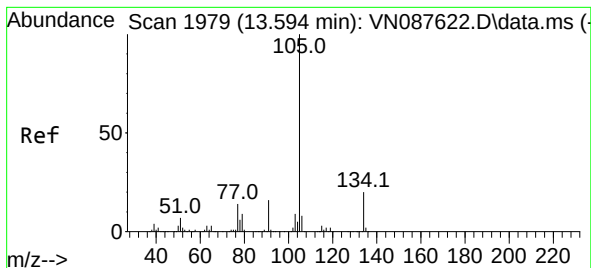
Tgt Ion: 75 Resp: 128668
 Ion Ratio Lower Upper
 75 100
 53 1.3 101.8 152.6#
 89 0.0 35.6 53.4#



#84
 1,2,4-Trimethylbenzene
 Concen: 2.416 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.000 min
 Lab File: VN087859.D
 Acq: 16 Sep 2025 18:36

Tgt Ion:105 Resp: 42552
 Ion Ratio Lower Upper
 105 100
 120 50.3 22.0 66.0





#85

sec-Butylbenzene

Concen: 0.313 ug/l

RT: 13.588 min Scan# 1979

Delta R.T. -0.006 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

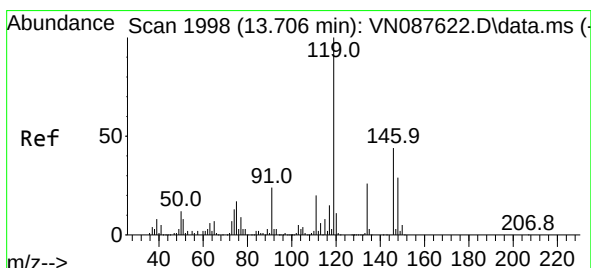
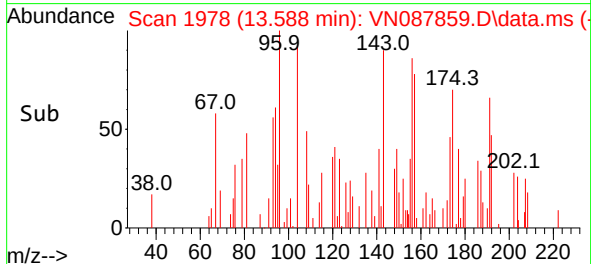
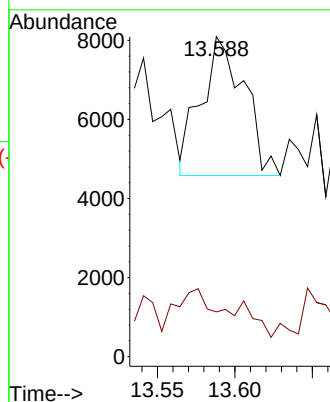
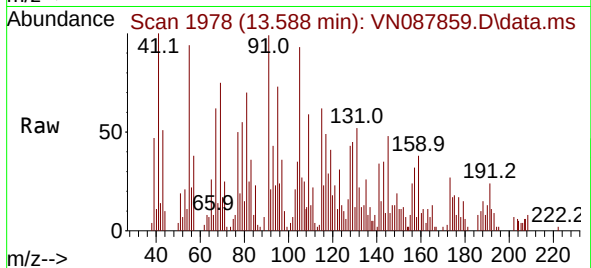
ClientSampleId :

Tgt Ion:105 Resp: 6805

Ion Ratio Lower Upper

105 100

134 23.1 9.6 28.6



#86

p-Isopropyltoluene

Concen: 3.880 ug/l

RT: 13.759 min Scan# 2007

Delta R.T. 0.053 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

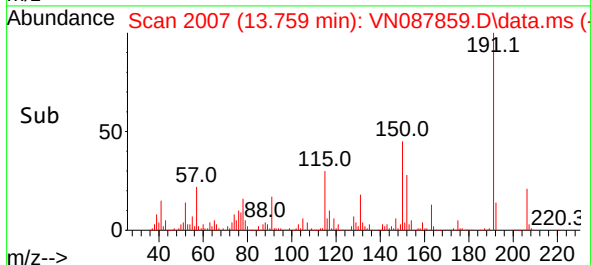
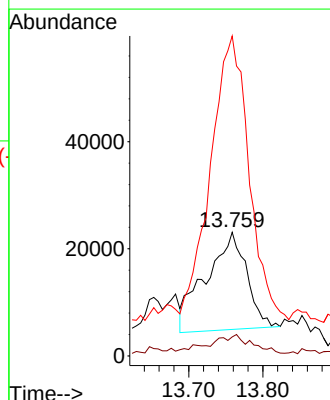
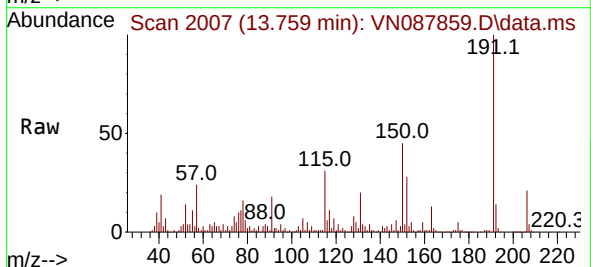
Tgt Ion:119 Resp: 69706

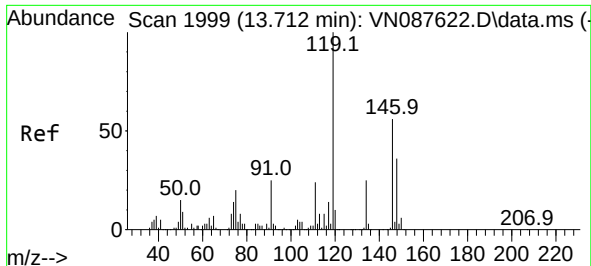
Ion Ratio Lower Upper

119 100

134 14.9 12.7 38.0

91 275.8 12.5 37.5#

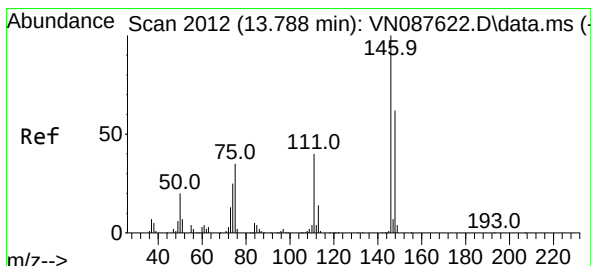
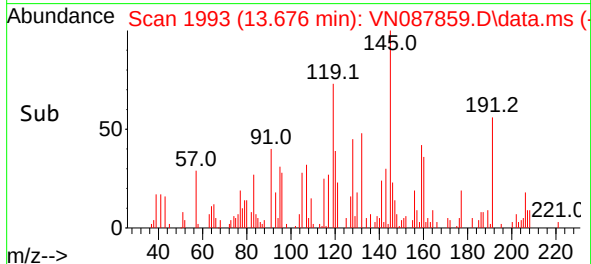
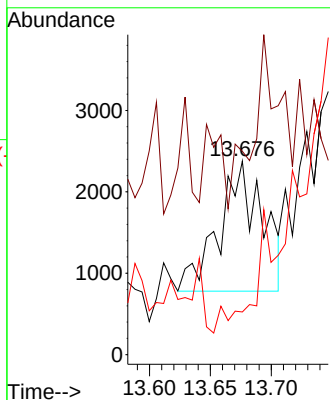
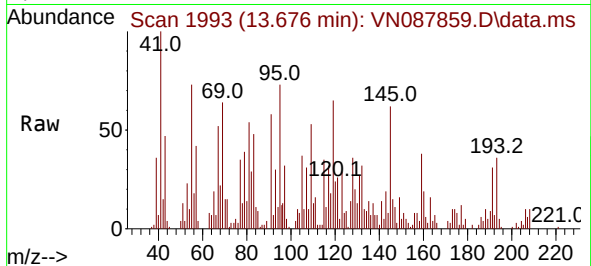




#87
1,3-Dichlorobenzene
Concen: 0.410 ug/l
RT: 13.676 min Scan# 1999
Delta R.T. -0.035 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

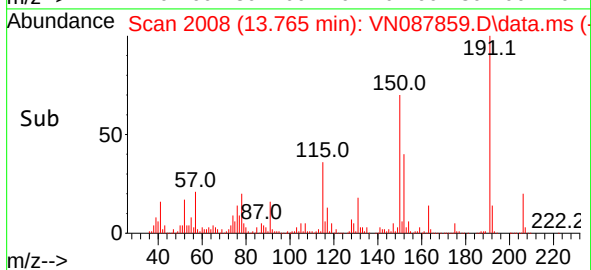
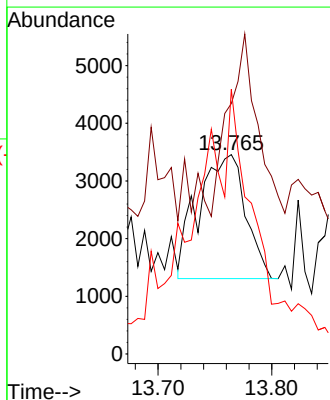
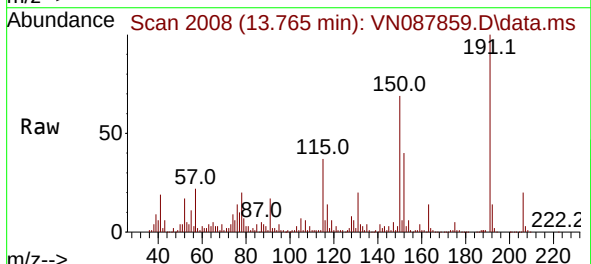
Instrument :
MSVOA_N
ClientSampleId :

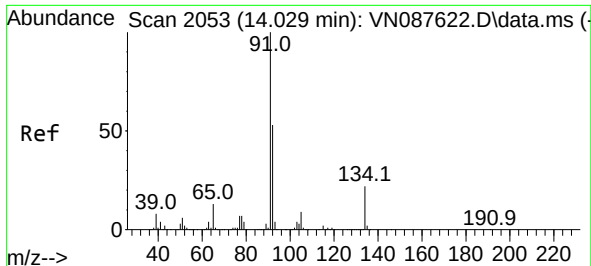
Tgt Ion:146 Resp: 3948
Ion Ratio Lower Upper
146 100
111 85.5 22.1 66.5#
148 36.4 32.0 96.2



#88
1,4-Dichlorobenzene
Concen: 0.618 ug/l
RT: 13.765 min Scan# 2008
Delta R.T. -0.024 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion:146 Resp: 6198
Ion Ratio Lower Upper
146 100
111 124.1 21.0 63.0#
148 112.9 32.0 96.0#

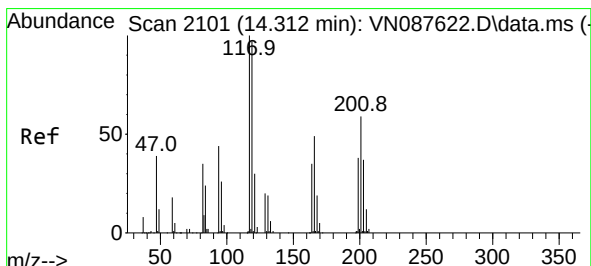
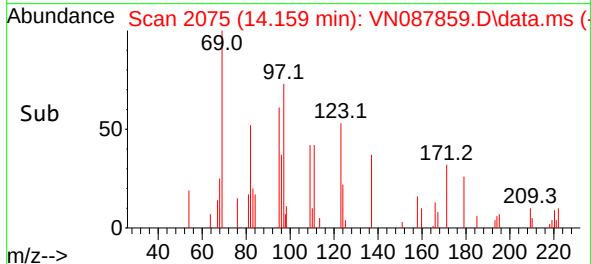
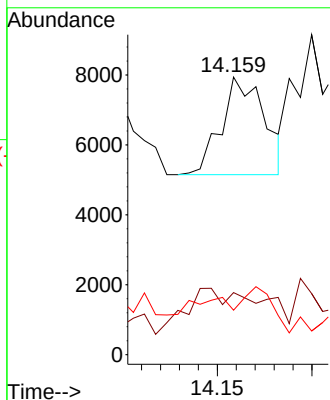
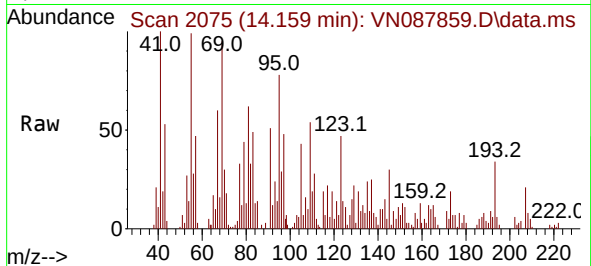




#89
n-Butylbenzene
Concen: 0.248 ug/l
RT: 14.159 min Scan# 2075
Delta R.T. 0.129 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

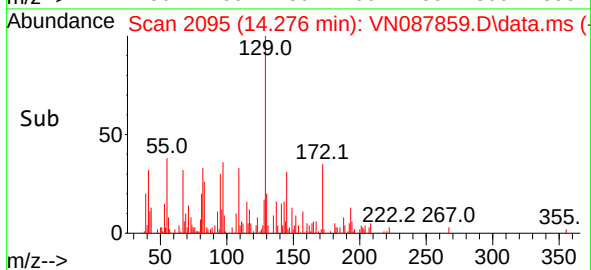
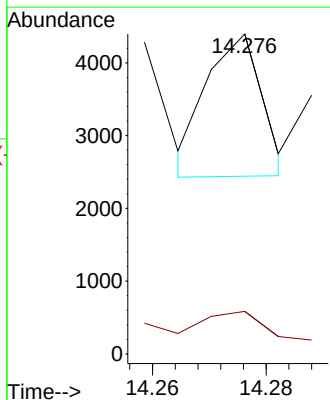
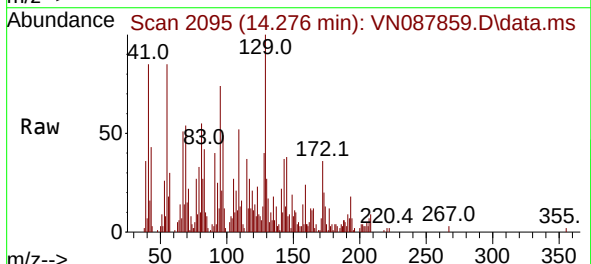
Instrument :
MSVOA_N
ClientSampleId :

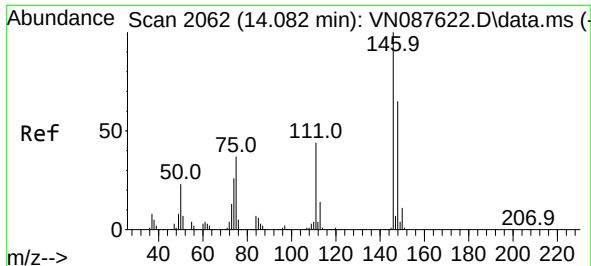
Tgt Ion: 91 Resp: 4423
Ion Ratio Lower Upper
91 100
92 40.4 25.9 77.8
134 17.1 11.7 35.0



#90
Hexachloroethane
Concen: 0.385 ug/l
RT: 14.276 min Scan# 2095
Delta R.T. -0.035 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 117 Resp: 1318
Ion Ratio Lower Upper
117 100
201 83.3 29.1 87.4

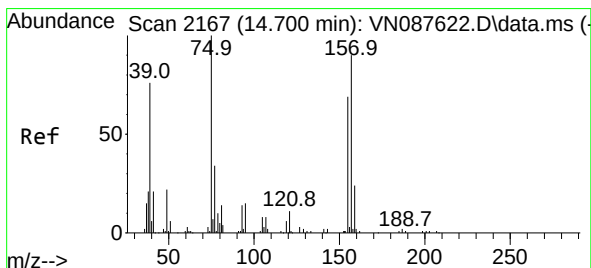
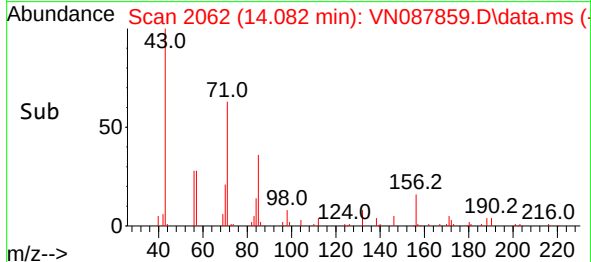
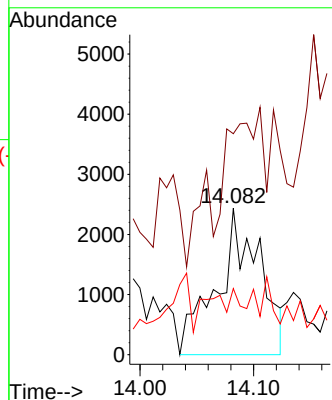
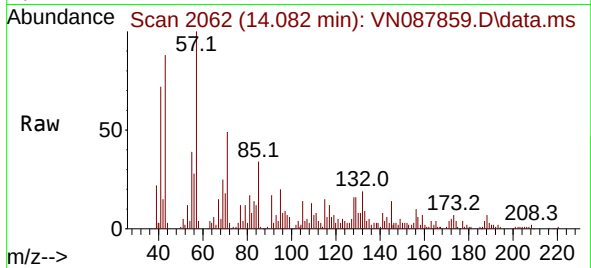




#91
1,2-Dichlorobenzene
Concen: 0.697 ug/l
RT: 14.082 min Scan# 2062
Delta R.T. -0.000 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

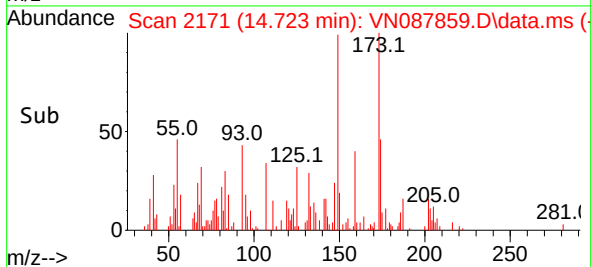
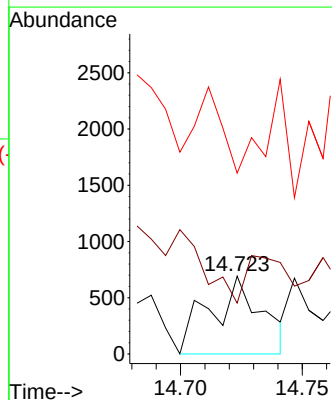
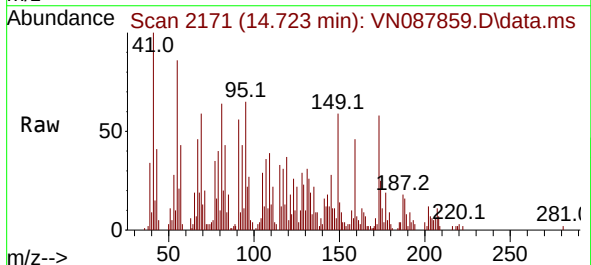
Instrument :
MSVOA_N
ClientSampleId :

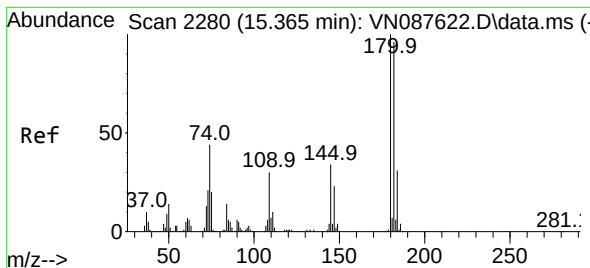
Tgt Ion:146 Resp: 6369
Ion Ratio Lower Upper
146 100
111 0.0 22.6 67.8#
148 14.5 31.9 95.9#



#92
1,2-Dibromo-3-Chloropropane
Concen: 0.594 ug/l
RT: 14.723 min Scan# 2171
Delta R.T. 0.023 min
Lab File: VN087859.D
Acq: 16 Sep 2025 18:36

Tgt Ion: 75 Resp: 1008
Ion Ratio Lower Upper
75 100
155 46.7 36.6 109.9
157 55.5 45.6 136.9





#93

1,2,4-Trichlorobenzene

Concen: 0.343 ug/l

RT: 15.364 min Scan# 21

Delta R.T. -0.000 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

Instrument :

MSVOA_N

ClientSampleId :

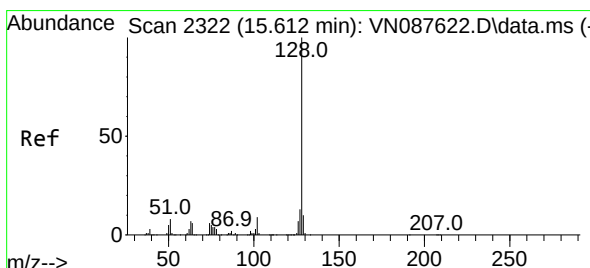
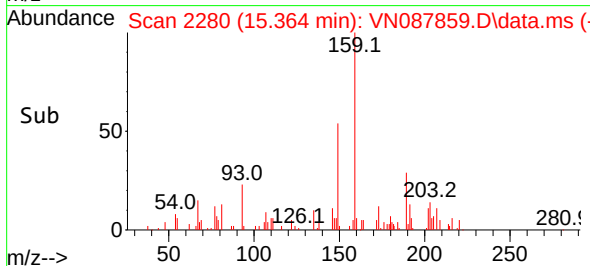
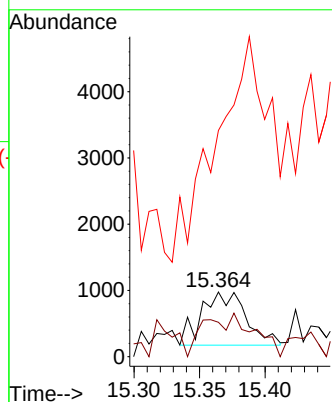
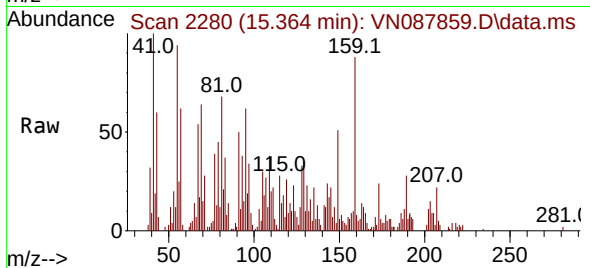
Tgt Ion:180 Resp: 1881

Ion Ratio Lower Upper

180 100

182 44.2 47.6 142.9#

145 0.0 16.5 49.5#



#95

Naphthalene

Concen: 1.738 ug/l

RT: 15.617 min Scan# 2323

Delta R.T. 0.006 min

Lab File: VN087859.D

Acq: 16 Sep 2025 18:36

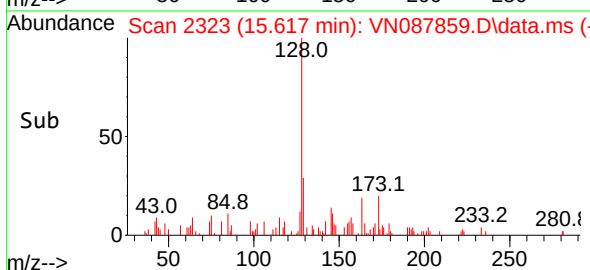
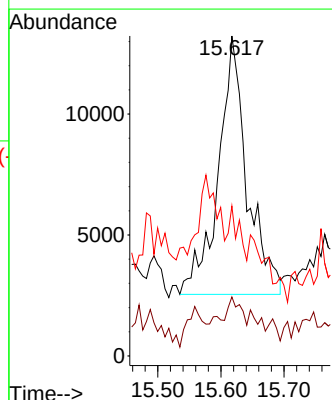
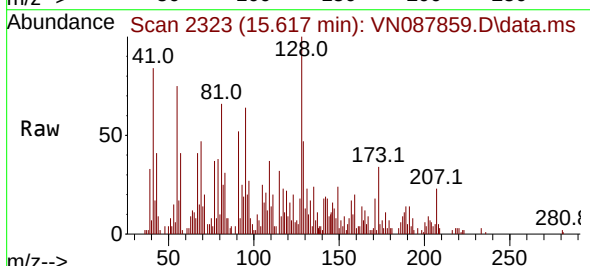
Tgt Ion:128 Resp: 33768

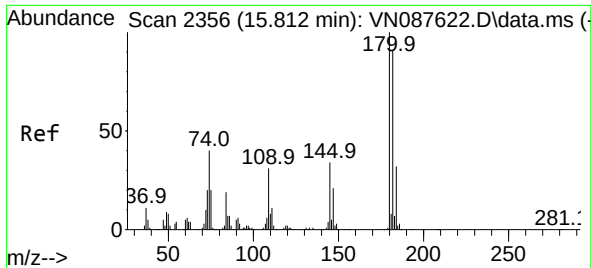
Ion Ratio Lower Upper

128 100

127 5.2 10.6 15.8#

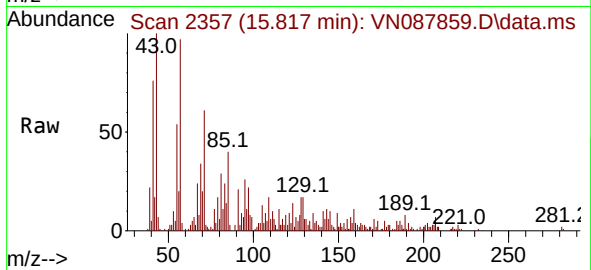
129 0.0 8.6 12.8#





#96
 1,2,3-Trichlorobenzene
 Concen: 0.225 ug/l
 RT: 15.817 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VN087859.D
 Acq: 16 Sep 2025 18:36

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	115.5	46.8	140.3
145	0.0	17.3	52.0

