

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087589.D
 Acq On : 15 Aug 2025 17:51
 Operator : JC\MD
 Sample : Q2855-02
 Misc : 5.16g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:48:37 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 17 02:56:13 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	287032	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.083	114	625152	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	572339	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	279909	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	262609	53.920	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 107.840%			
35) Dibromofluoromethane	8.147	113	188059	43.610	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 87.220%			
50) Toluene-d8	10.547	98	694916	45.176	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 90.360%			
62) 4-Bromofluorobenzene	12.829	95	241235	42.448	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 84.900%			
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.559	142	5875	7.384	ug/l #	87
13) Acrolein	4.165	56	489	0.659	ug/l #	59
16) Acetone	4.424	43	2179	0.954	ug/l #	86
17) Carbon Disulfide	4.677	76	3100	0.319	ug/l	98
20) Methylene Chloride	5.265	84	3583	0.292	ug/l #	64
29) Tetrahydrofuran	7.841	42	999	0.436	ug/l #	58
31) Cyclohexane	8.200	56	10718	1.790	ug/l #	49
36) 1,1-Dichloropropene	8.200	75	28942	5.080	ug/l #	52
38) Carbon Tetrachloride	8.200	117	34857	5.554	ug/l #	13
39) Methylcyclohexane	9.582	83	4689	0.760	ug/l #	83
49) 1,4-Dioxane	9.706	88	62	0.704	ug/l #	11
52) Toluene	10.606	92	17558	1.569	ug/l	98
55) 1,1,2-Trichloroethane	10.977	97	6280	1.386	ug/l #	21
56) Ethyl methacrylate	10.841	69	993	0.768	ug/l #	91
59) 2-Hexanone	11.147	43	9760	1.821	ug/l #	28
67) Ethyl Benzene	11.941	91	41735	1.973	ug/l	91
68) m/p-Xylenes	12.047	106	64235	8.109	ug/l	99
69) o-Xylene	12.376	106	37659	4.977	ug/l	92
70) Styrene	12.382	104	2624	0.206	ug/l #	1
73) Isopropylbenzene	12.676	105	27562	1.565	ug/l	95
74) N-amyl acetate	12.529	43	17077	2.333	ug/l #	30
75) 1,1,2,2-Tetrachloroethane	12.900	83	4108	0.620	ug/l #	25
76) 1,2,3-Trichloropropane	13.076	75	5973	0.952	ug/l #	1
78) n-propylbenzene	13.012	91	120151	5.421	ug/l	97
79) 2-Chlorotoluene	13.076	91	37584	2.759	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.153	105	178283	11.878	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.829	75	143643	62.617	ug/l #	8
82) 4-Chlorotoluene	13.153	91	25743	1.815	ug/l #	50
83) tert-Butylbenzene	13.465	119	81503	6.501	ug/l #	61
84) 1,2,4-Trimethylbenzene	13.459	105	694902	45.334	ug/l	96
85) sec-Butylbenzene	13.594	105	77604	4.110	ug/l	85
86) p-Isopropyltoluene	13.706	119	49406	3.265	ug/l	97
89) n-Butylbenzene	14.035	91	136683	9.459	ug/l #	81
90) Hexachloroethane	14.306	117	34213	10.670	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.706	75	1164	0.669	ug/l #	41
93) 1,2,4-Trichlorobenzene	15.376	180	2191	0.439	ug/l #	13

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Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
Response via : Initial Calibration

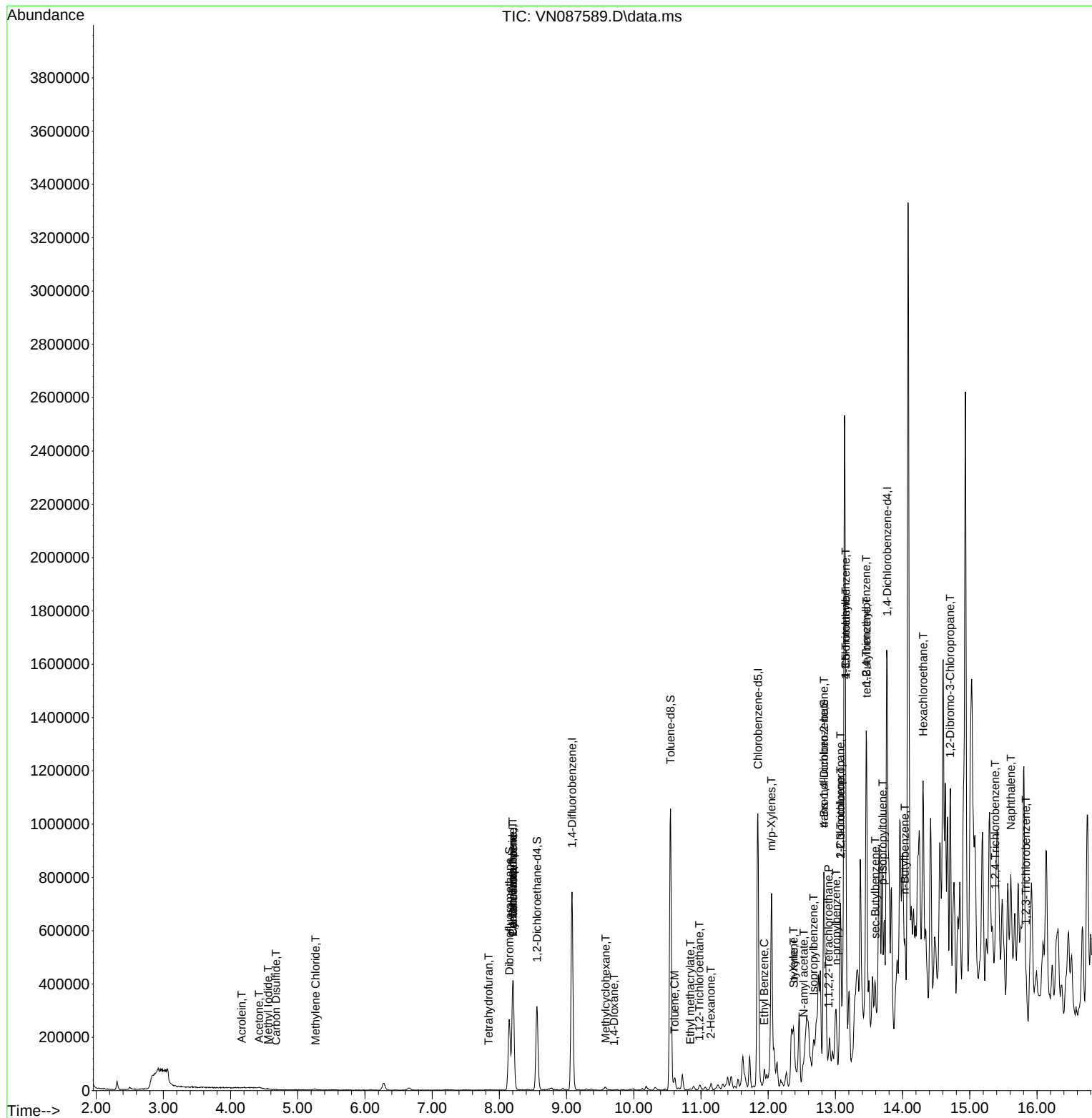
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.611	128	397843	22.506	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.835	180	3687	0.737	ug/l #	35

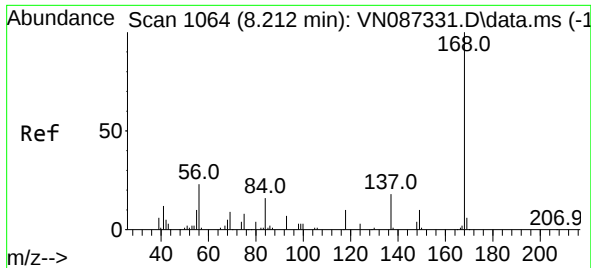
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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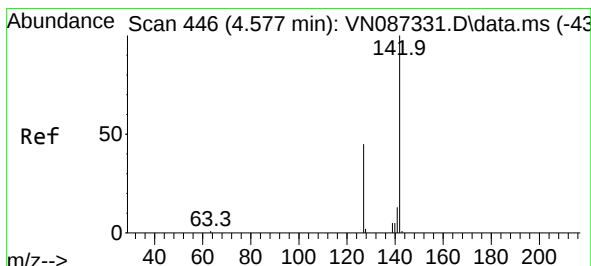
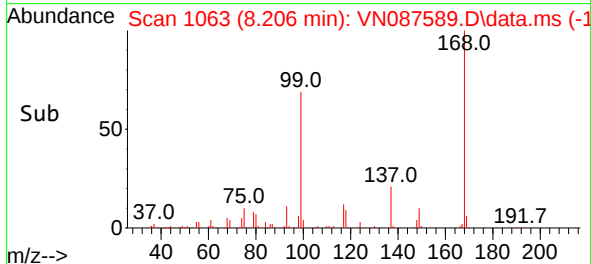
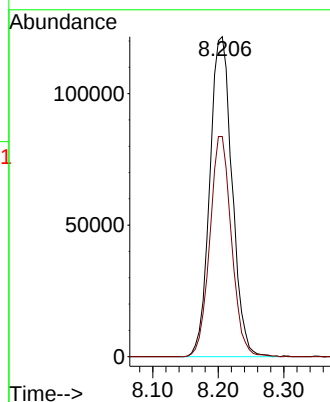
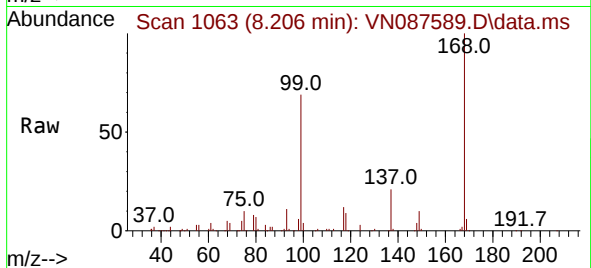




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. -0.006 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

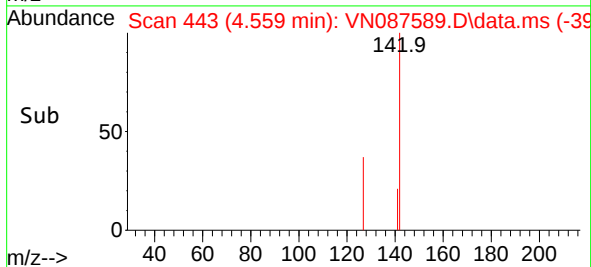
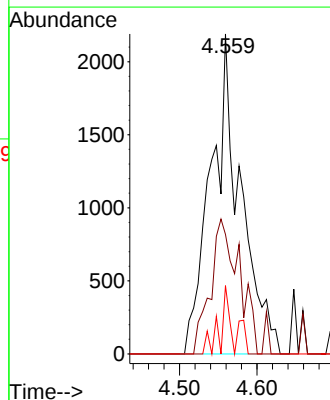
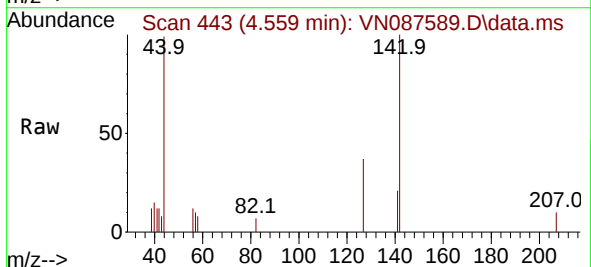
Instrument :
MSVOA_N
ClientSampleId :

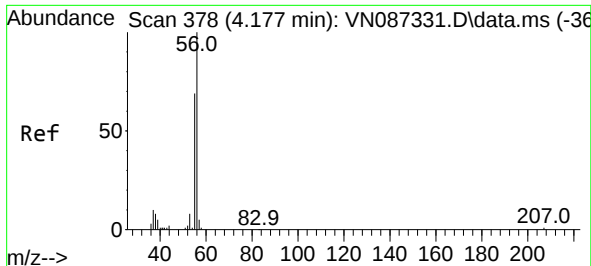
Tgt Ion:168 Resp: 287032
Ion Ratio Lower Upper
168 100
99 68.8 47.9 71.9



#10
Methyl Iodide
Concen: 7.384 ug/l
RT: 4.559 min Scan# 443
Delta R.T. -0.018 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion:142 Resp: 5875
Ion Ratio Lower Upper
142 100
127 37.4 35.7 53.5
141 21.3 10.4 15.6#

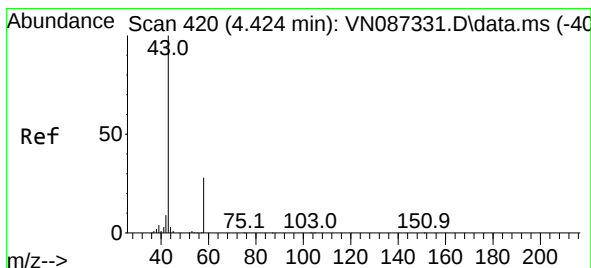
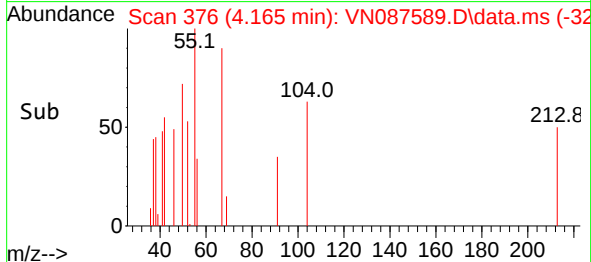
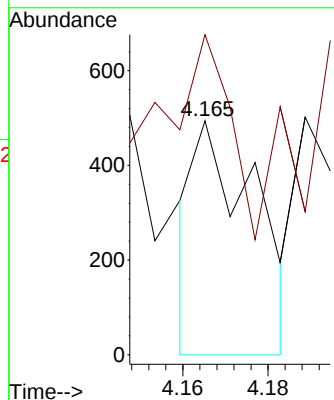
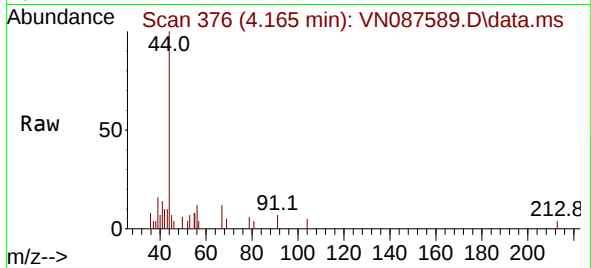




#13
Acrolein
Concen: 0.659 ug/l
RT: 4.165 min Scan# 31
Delta R.T. -0.012 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

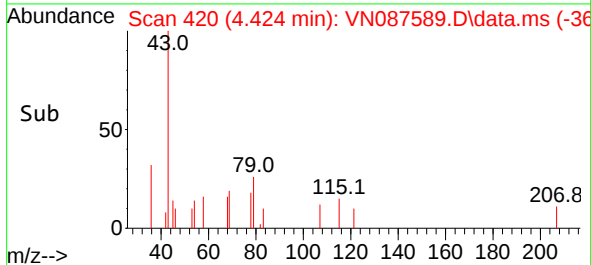
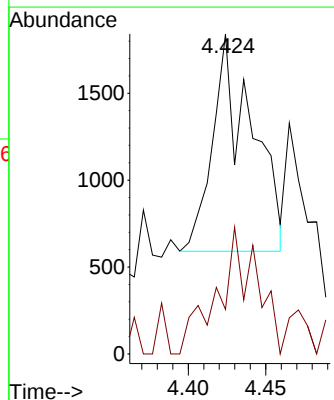
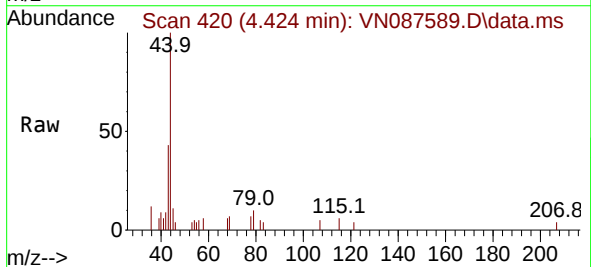
Instrument :
MSVOA_N
ClientSampleId :

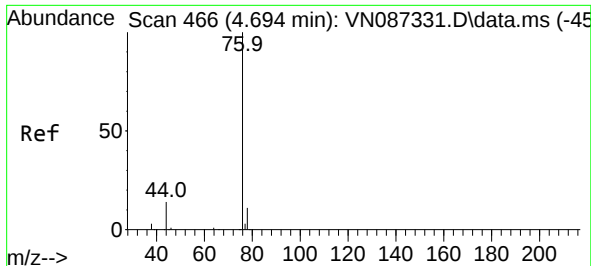
Tgt Ion: 56 Resp: 489
Ion Ratio Lower Upper
56 100
55 103.9 56.2 84.4#



#16
Acetone
Concen: 0.954 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

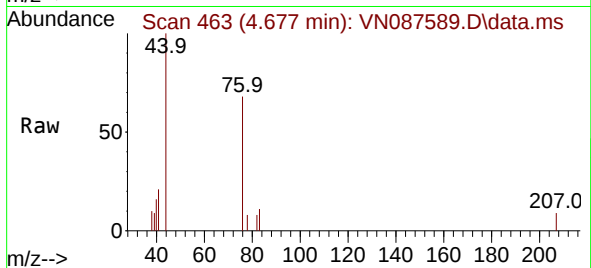
Tgt Ion: 43 Resp: 2179
Ion Ratio Lower Upper
43 100
58 20.5 22.3 33.5#



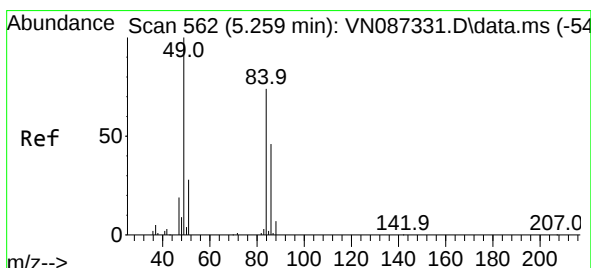
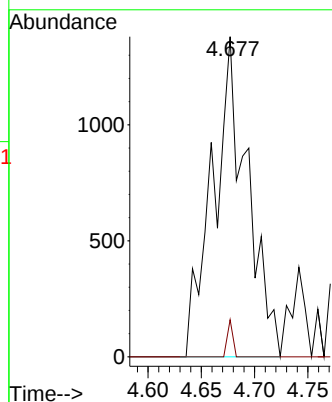
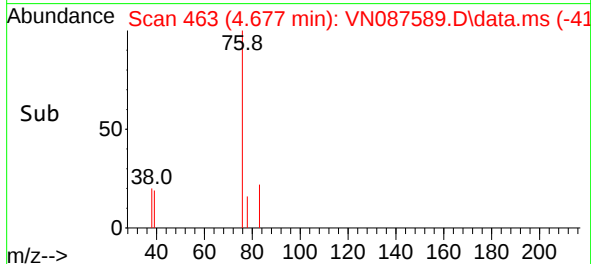


#17
Carbon Disulfide
Concen: 0.319 ug/l
RT: 4.677 min Scan# 463
Delta R.T. -0.017 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

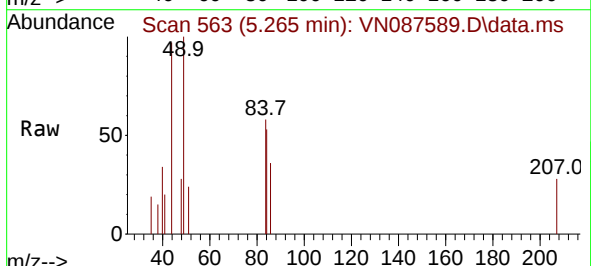
Instrument :
MSVOA_N
ClientSampleId :



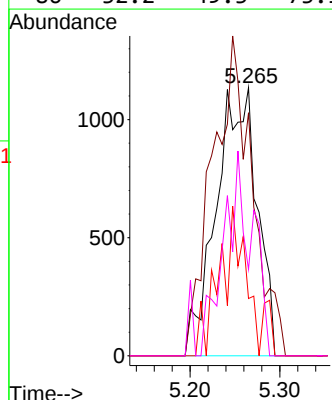
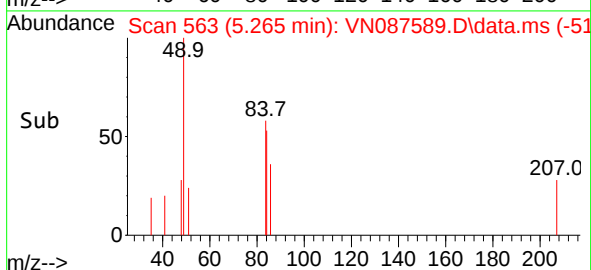
Tgt Ion: 76 Resp: 3100
Ion Ratio Lower Upper
76 100
78 11.6 8.6 13.0

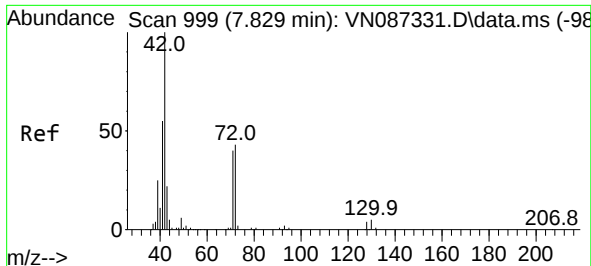


#20
Methylene Chloride
Concen: 0.292 ug/l
RT: 5.265 min Scan# 563
Delta R.T. 0.006 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51



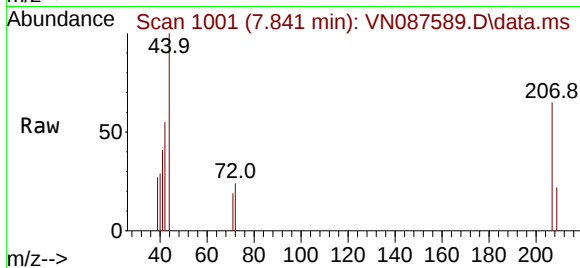
Tgt Ion: 84 Resp: 3583
Ion Ratio Lower Upper
84 100
49 90.7 107.5 161.3#
51 21.4 30.2 45.2#
86 32.2 49.3 73.9#



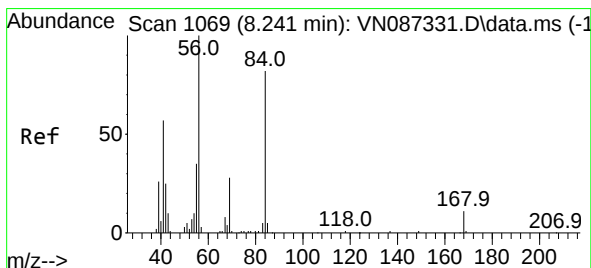
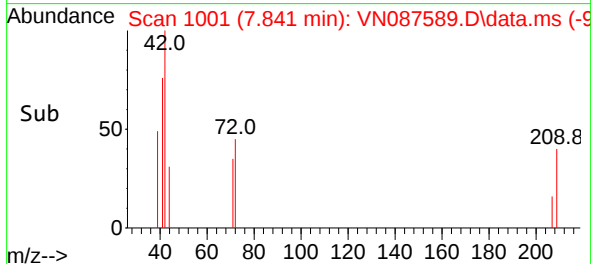
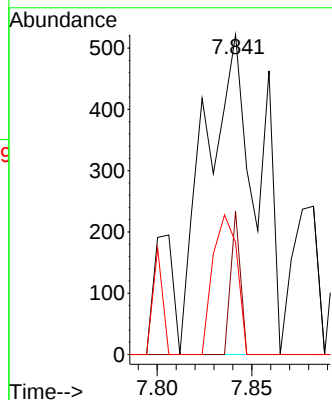


#29
Tetrahydrofuran
Concen: 0.436 ug/l
RT: 7.841 min Scan# 1001
Delta R.T. 0.012 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :

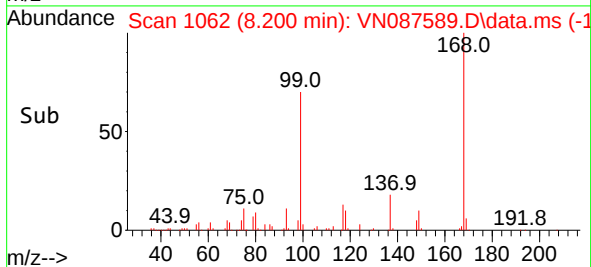
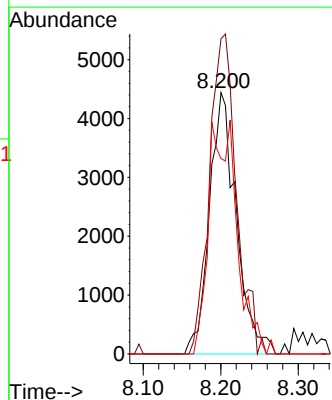
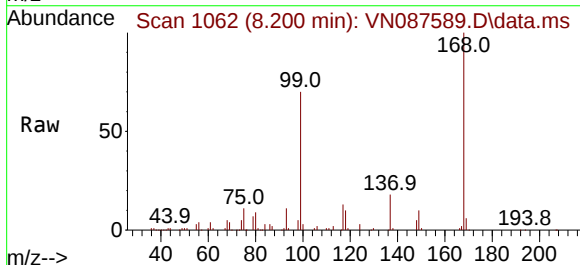


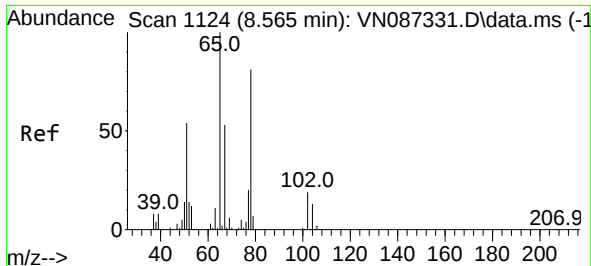
Tgt Ion: 42 Resp: 999
Ion Ratio Lower Upper
42 100
72 8.3 33.4 50.0#
71 20.3 31.2 46.8#



#31
Cyclohexane
Concen: 1.790 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.041 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 56 Resp: 10718
Ion Ratio Lower Upper
56 100
69 120.6 22.7 34.1#
84 74.8 65.8 98.6

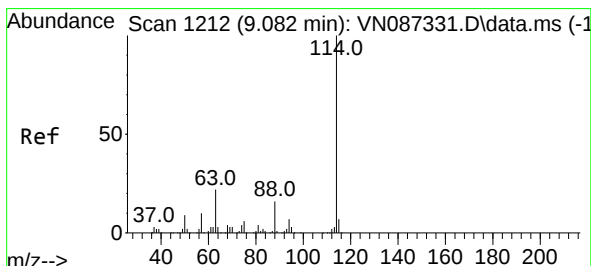
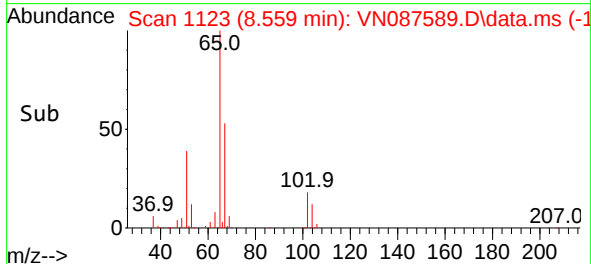
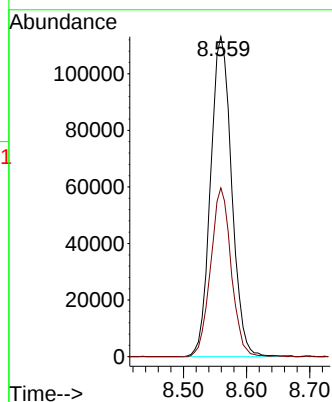
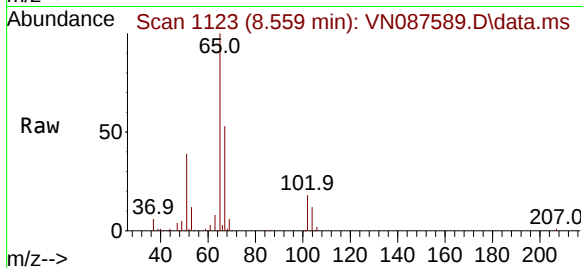




#33
 1,2-Dichloroethane-d4
 Concen: 53.920 ug/l
 RT: 8.559 min Scan# 1123
 Delta R.T. -0.006 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

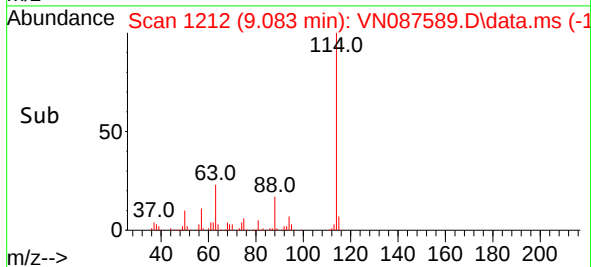
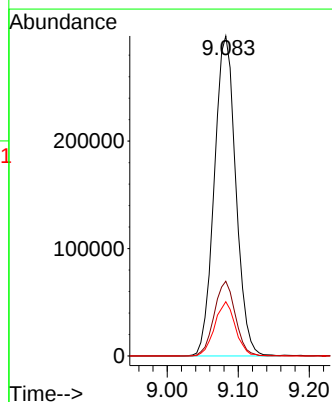
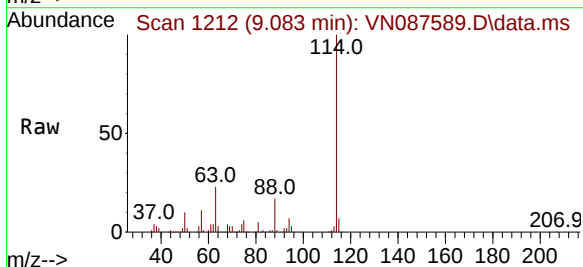
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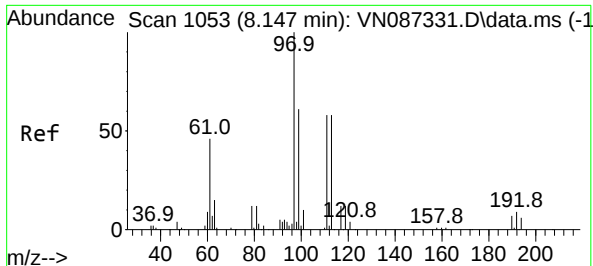
Tgt Ion: 65 Resp: 262609
 Ion Ratio Lower Upper
 65 100
 67 51.3 0.0 104.0



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.083 min Scan# 1212
 Delta R.T. 0.001 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

Tgt Ion: 114 Resp: 625152
 Ion Ratio Lower Upper
 114 100
 63 23.4 0.0 44.6
 88 16.9 0.0 32.8





#35

Dibromofluoromethane

Concen: 43.610 ug/l

RT: 8.147 min Scan# 1053

Delta R.T. 0.000 min

Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

Instrument :

MSVOA_N

ClientSampleId :

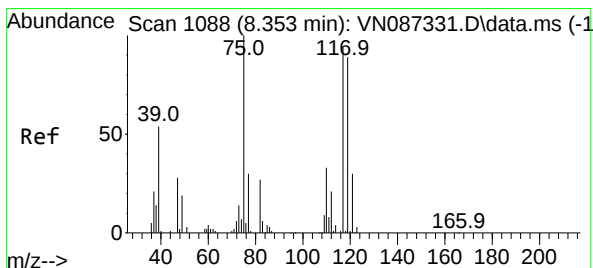
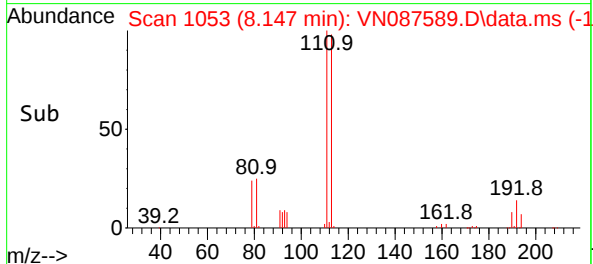
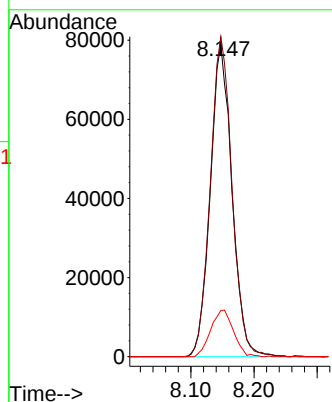
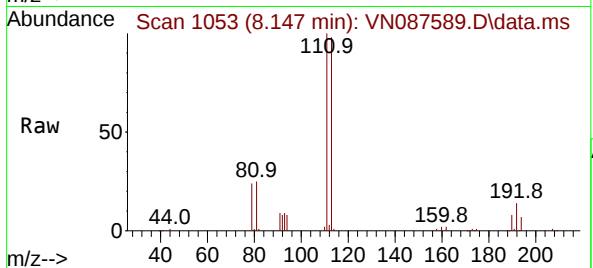
Tgt Ion:113 Resp: 188059

Ion Ratio Lower Upper

113 100

111 102.8 82.5 123.7

192 15.7 13.7 20.5



#36

1,1-Dichloropropene

Concen: 5.080 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

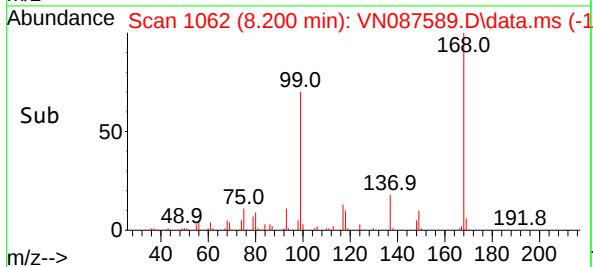
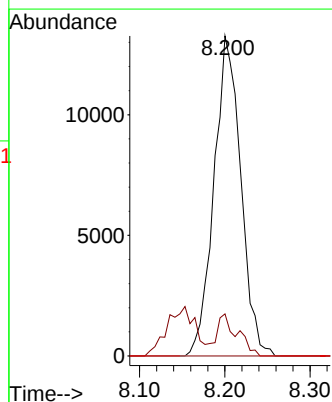
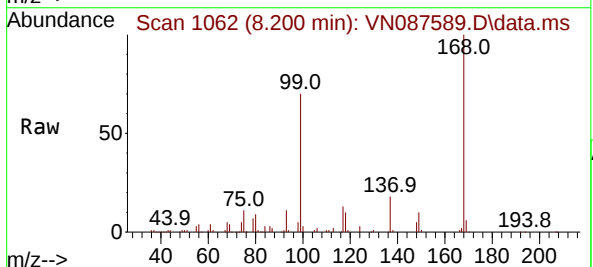
Tgt Ion: 75 Resp: 28942

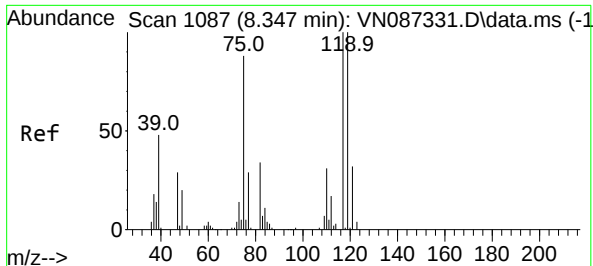
Ion Ratio Lower Upper

75 100

110 10.4 16.7 50.1#

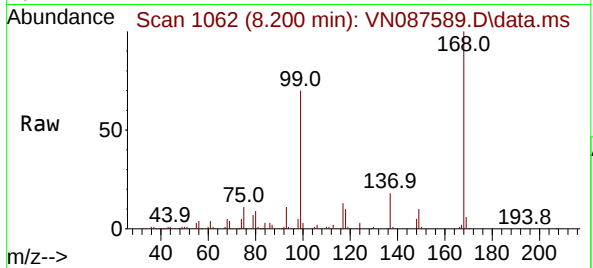
77 0.0 25.2 37.8#



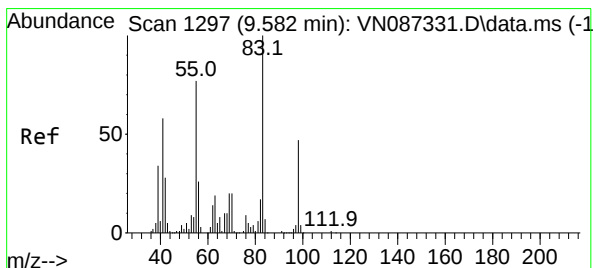
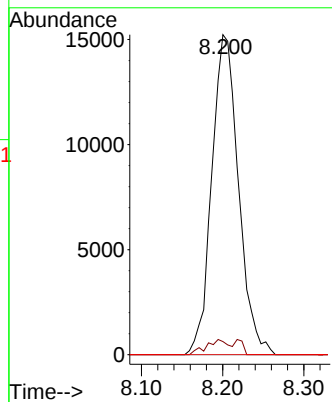
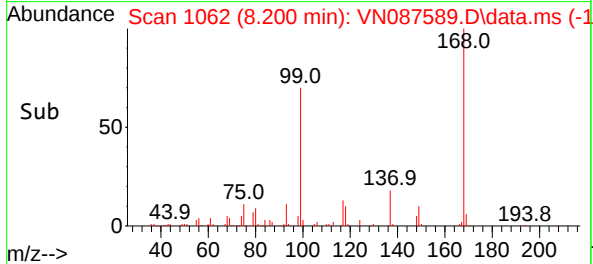


#38
Carbon Tetrachloride
Concen: 5.554 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.147 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :

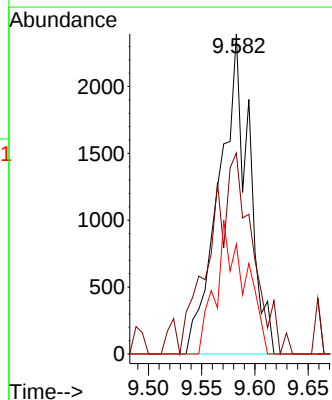
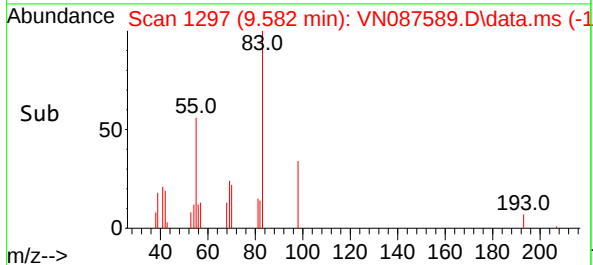
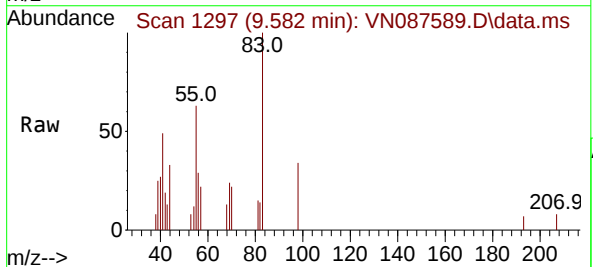


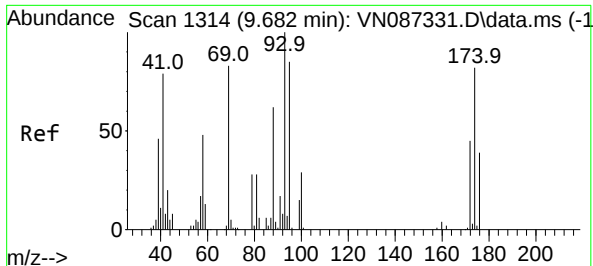
Tgt Ion:117 Resp: 34857
Ion Ratio Lower Upper
117 100
119 4.1 80.2 120.2#
121 0.0 25.4 38.2#



#39
Methylcyclohexane
Concen: 0.760 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 83 Resp: 4689
Ion Ratio Lower Upper
83 100
55 62.8 61.3 91.9
98 34.3 37.9 56.9#





#49

1,4-Dioxane

Concen: 0.704 ug/l

RT: 9.706 min Scan# 1

Delta R.T. 0.024 min

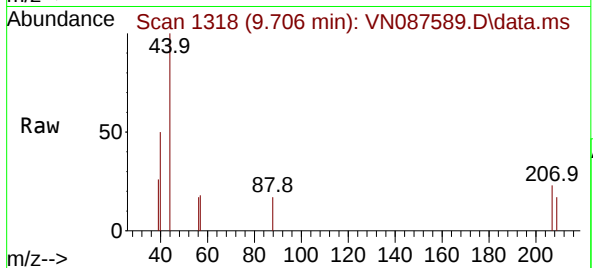
Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

Instrument :

MSVOA_N

ClientSampleId :



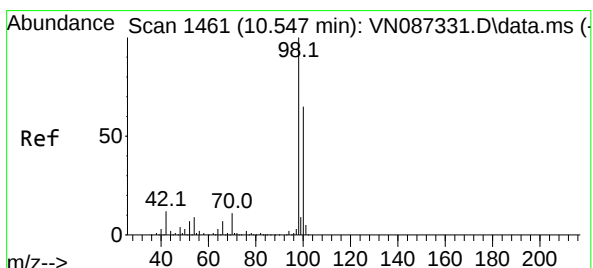
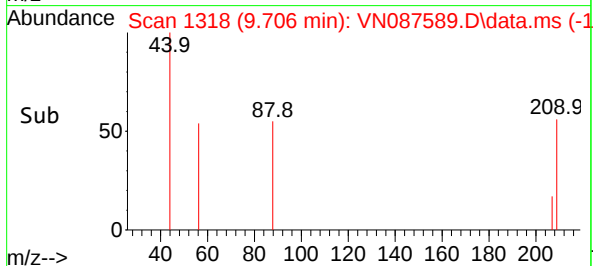
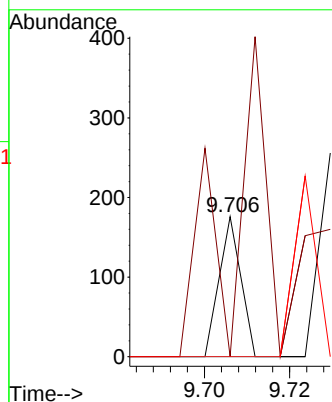
Tgt Ion: 88 Resp: 62

Ion Ratio Lower Upper

88 100

43 377.4 0.0 0.0#

58 0.0 61.1 91.7#



#50

Toluene-d8

Concen: 45.176 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087589.D

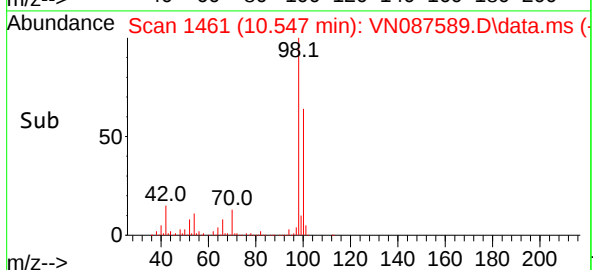
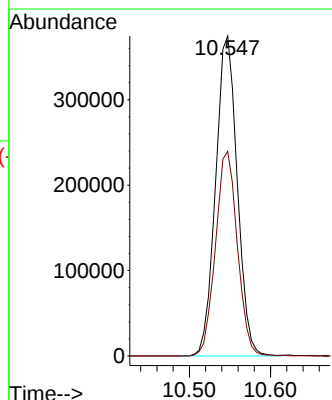
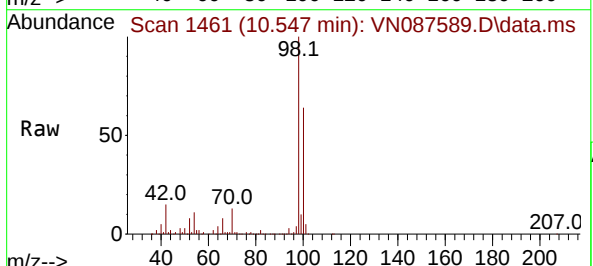
Acq: 15 Aug 2025 17:51

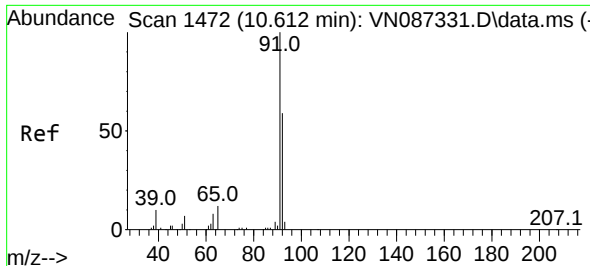
Tgt Ion: 98 Resp: 694916

Ion Ratio Lower Upper

98 100

100 64.6 52.1 78.1

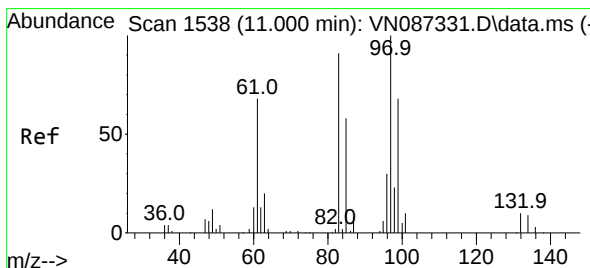
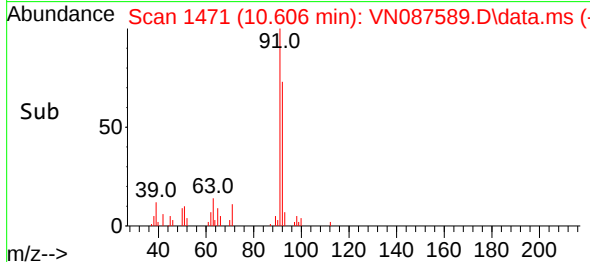
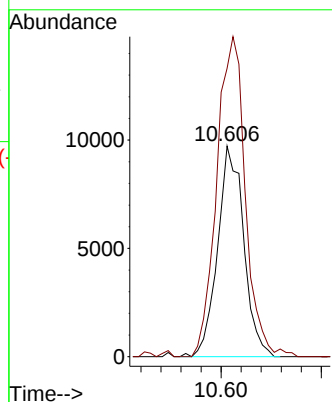
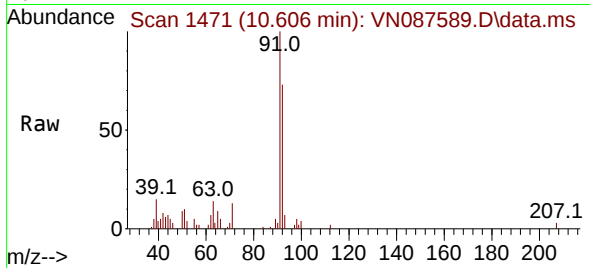




#52
Toluene
Concen: 1.569 ug/l
RT: 10.606 min Scan# 1472
Delta R.T. -0.006 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

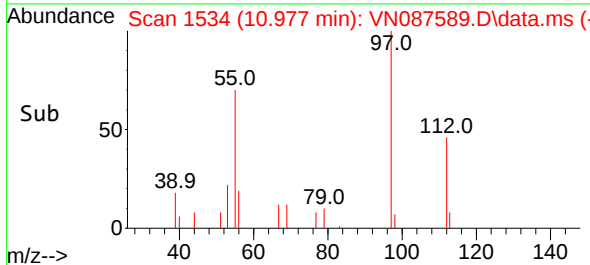
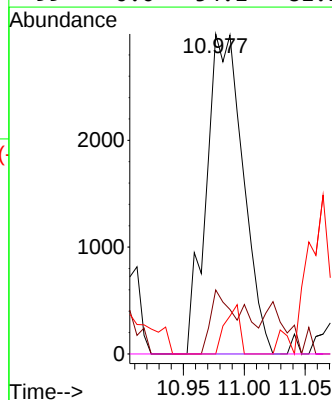
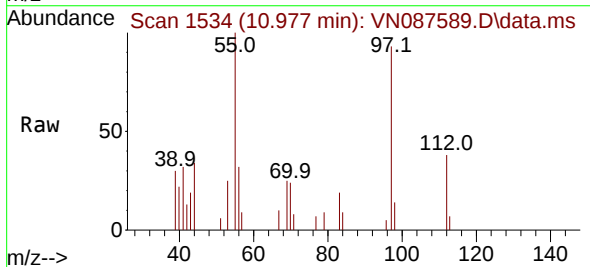
Instrument :
MSVOA_N
ClientSampleId :

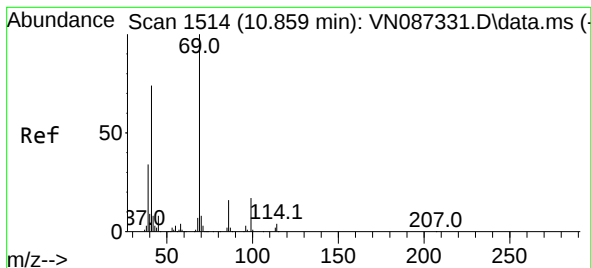
Tgt Ion: 92 Resp: 17558
Ion Ratio Lower Upper
92 100
91 166.7 135.1 202.7



#55
1,1,2-Trichloroethane
Concen: 1.386 ug/l
RT: 10.977 min Scan# 1534
Delta R.T. -0.024 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 97 Resp: 6280
Ion Ratio Lower Upper
97 100
83 20.0 72.6 109.0#
85 0.0 46.7 70.1#
99 0.0 54.1 81.1#

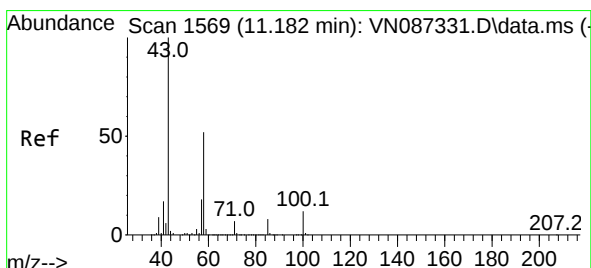
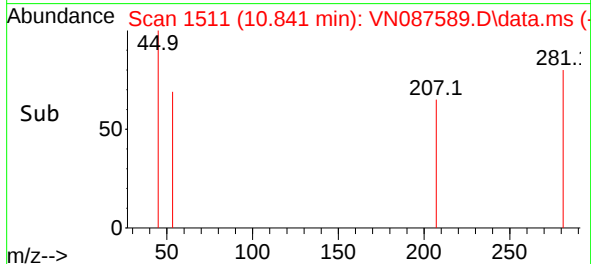
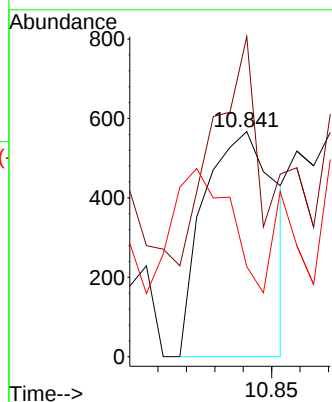
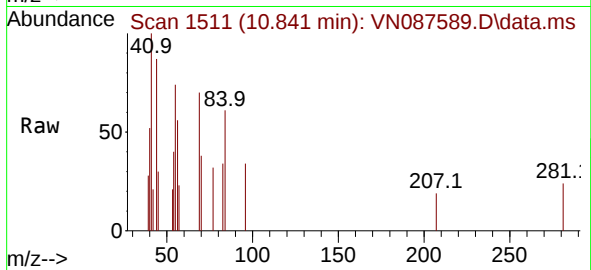




#56
Ethyl methacrylate
Concen: 0.768 ug/l
RT: 10.841 min Scan# 1511
Delta R.T. -0.018 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

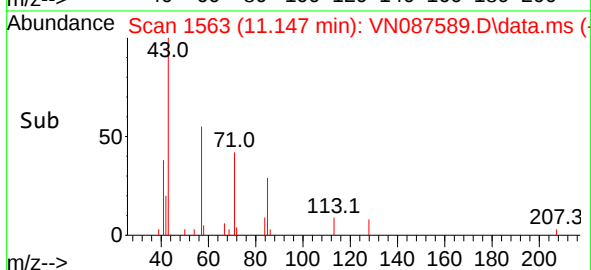
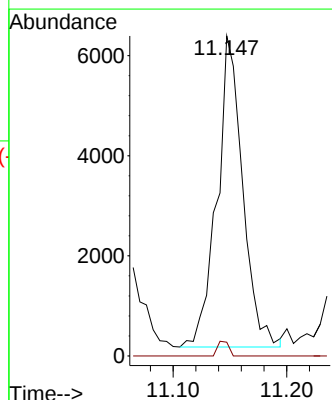
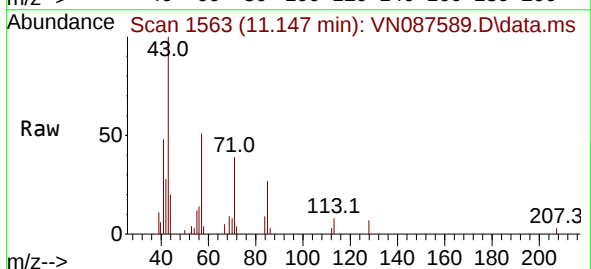
Instrument :
MSVOA_N
ClientSampleId :

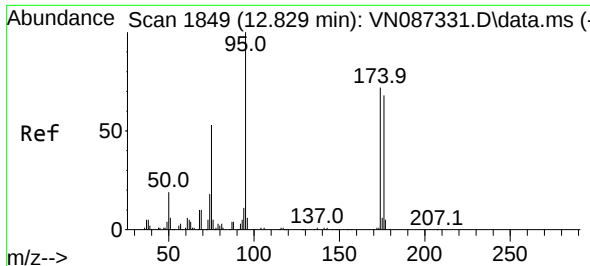
Tgt Ion: 69 Resp: 993
Ion Ratio Lower Upper
69 100
41 66.0 55.1 82.7
39 22.9 27.9 41.9#



#59
2-Hexanone
Concen: 1.821 ug/l
RT: 11.147 min Scan# 1563
Delta R.T. -0.035 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 43 Resp: 9760
Ion Ratio Lower Upper
43 100
58 2.1 26.7 80.0#

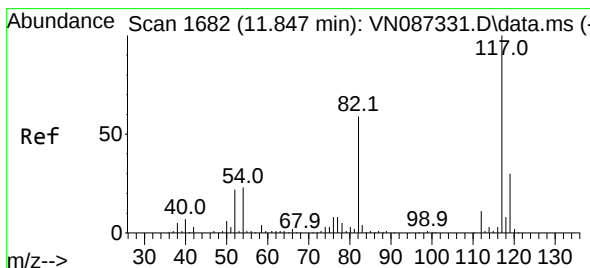
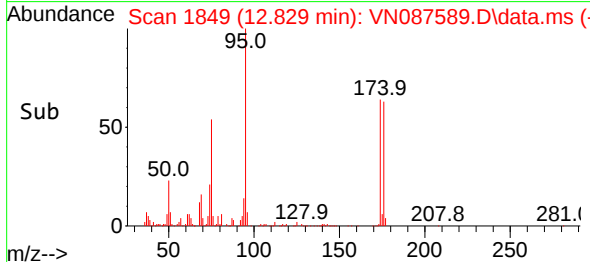
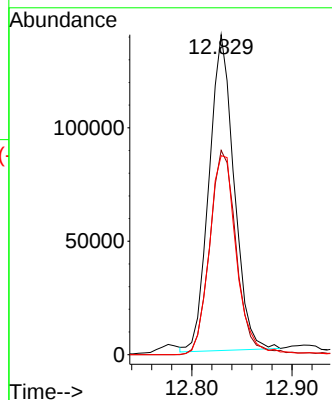
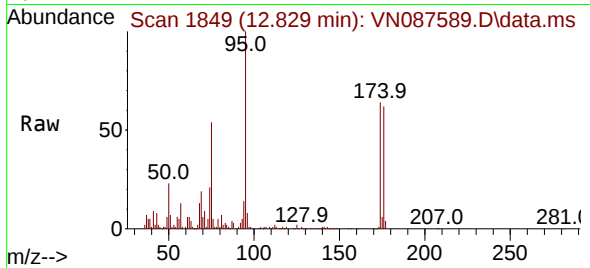




#62
4-Bromofluorobenzene
Concen: 42.448 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

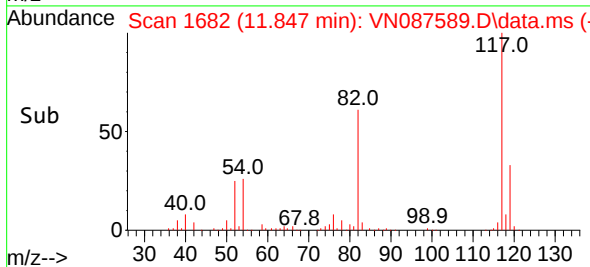
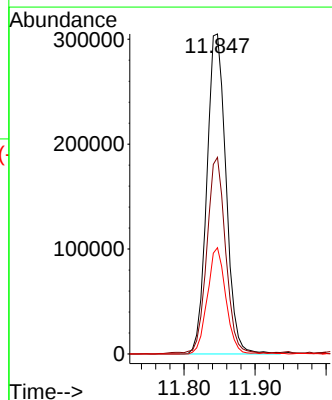
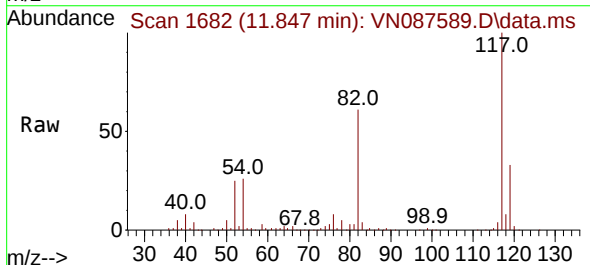
Instrument :
MSVOA_N
ClientSampleId :

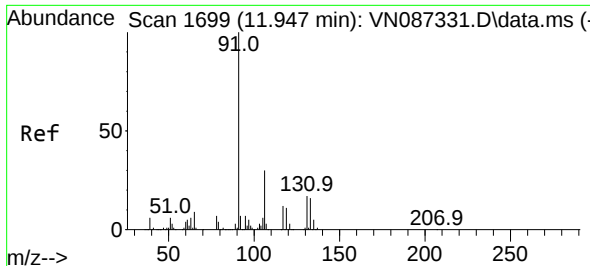
Tgt Ion: 95 Resp: 241235
Ion Ratio Lower Upper
95 100
174 69.5 0.0 149.4
176 69.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 117 Resp: 572339
Ion Ratio Lower Upper
117 100
82 61.0 47.4 71.2
119 33.2 23.8 35.8





#67

Ethyl Benzene

Concen: 1.973 ug/l

RT: 11.941 min Scan# 1698

Delta R.T. -0.006 min

Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

Instrument :

MSVOA_N

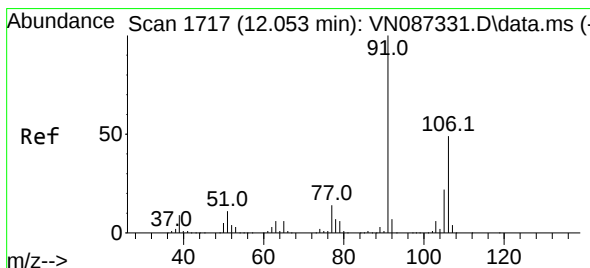
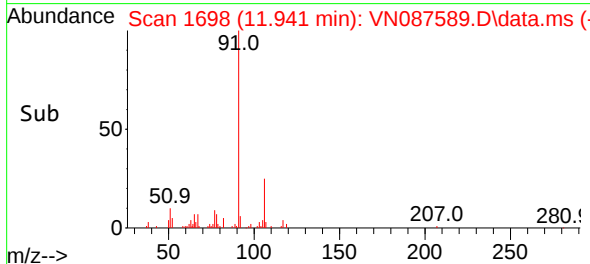
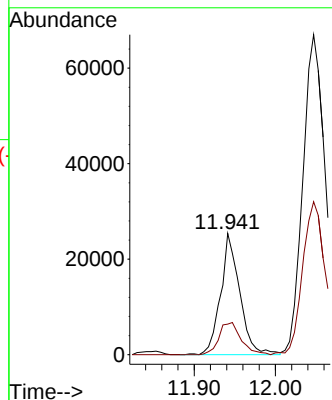
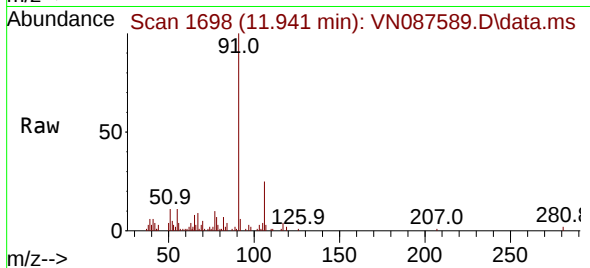
ClientSampleId :

Tgt Ion: 91 Resp: 41735

Ion Ratio Lower Upper

91 100

106 25.2 24.3 36.5



#68

m/p-Xylenes

Concen: 8.109 ug/l

RT: 12.047 min Scan# 1716

Delta R.T. -0.006 min

Lab File: VN087589.D

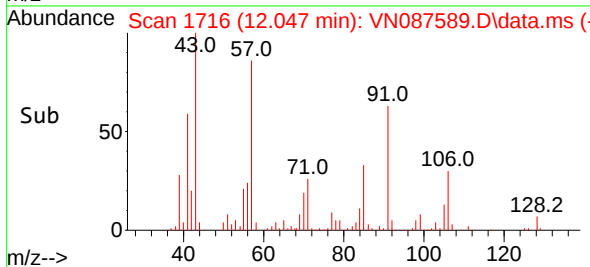
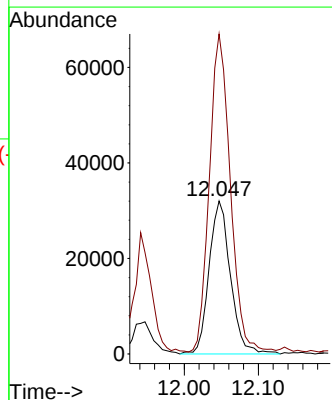
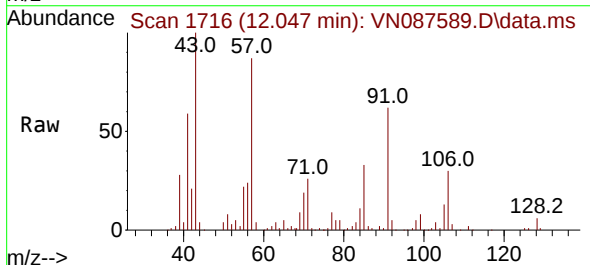
Acq: 15 Aug 2025 17:51

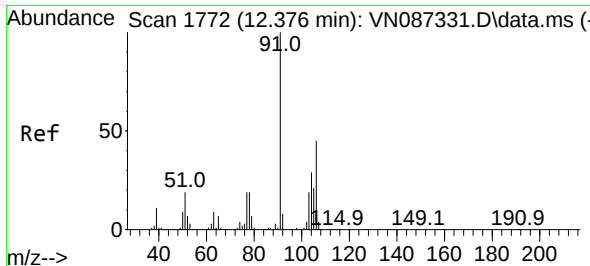
Tgt Ion: 106 Resp: 64235

Ion Ratio Lower Upper

106 100

91 203.4 162.0 243.0

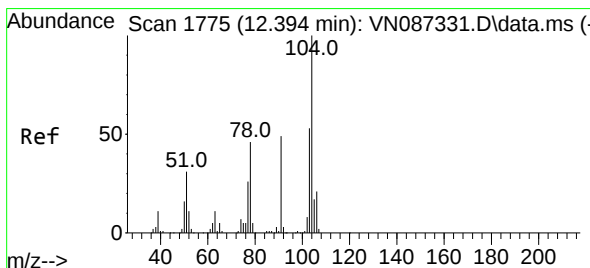
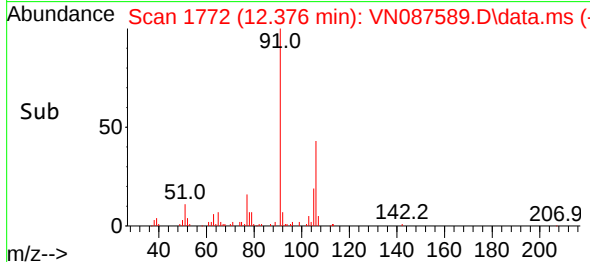
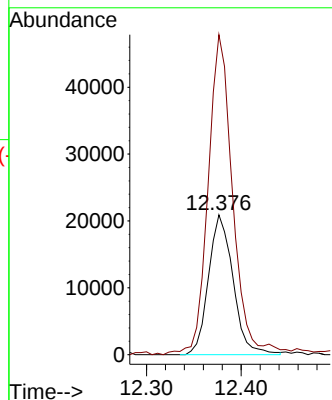
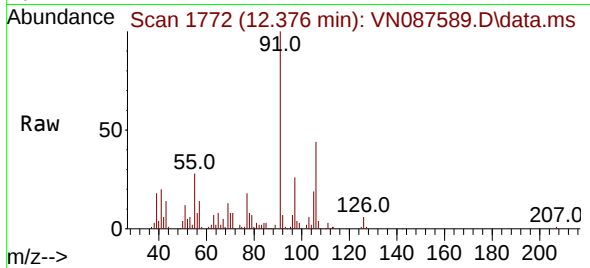




#69
o-Xylene
Concen: 4.977 ug/l
RT: 12.376 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

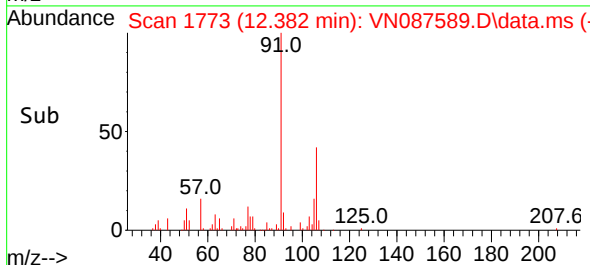
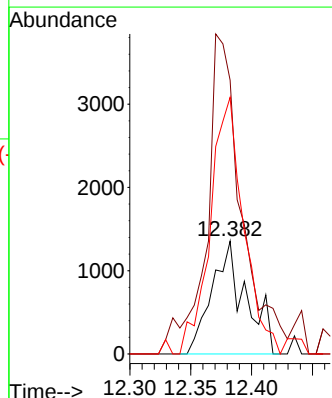
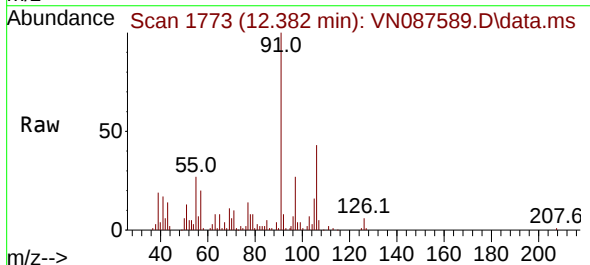
Instrument :
MSVOA_N
ClientSampleId :

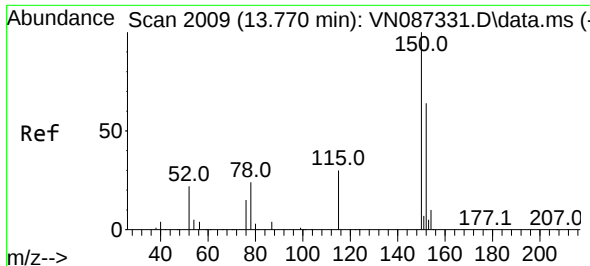
Tgt Ion:106 Resp: 37659
Ion Ratio Lower Upper
106 100
91 228.9 107.7 323.3



#70
Styrene
Concen: 0.206 ug/l
RT: 12.382 min Scan# 1773
Delta R.T. -0.012 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

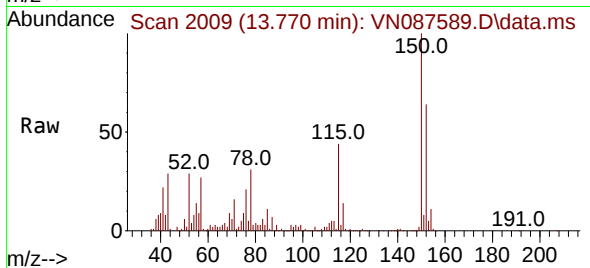
Tgt Ion:104 Resp: 2624
Ion Ratio Lower Upper
104 100
78 291.3 41.0 61.6#
103 224.4 43.9 65.9#



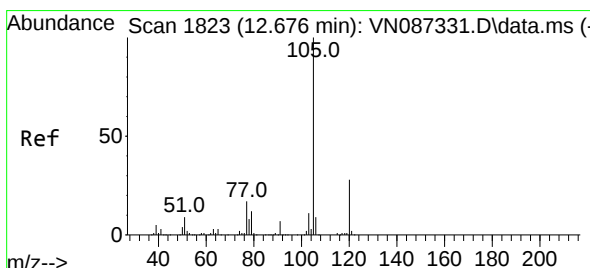
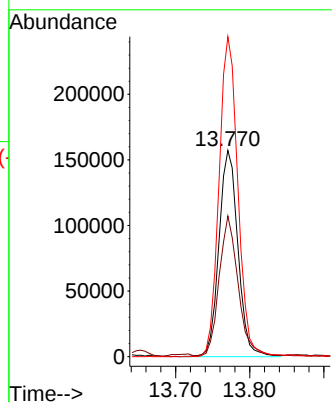
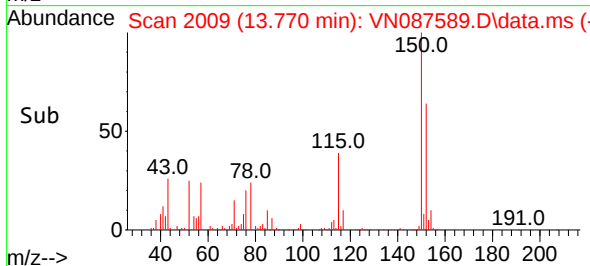


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :

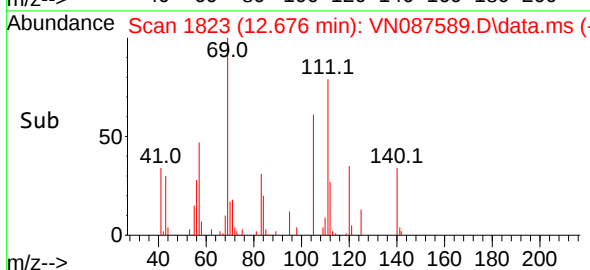
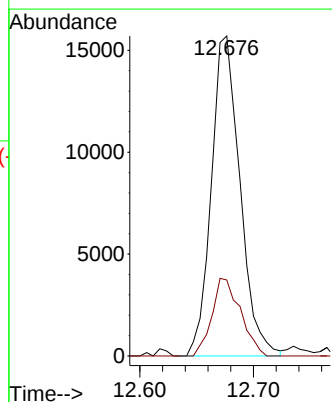
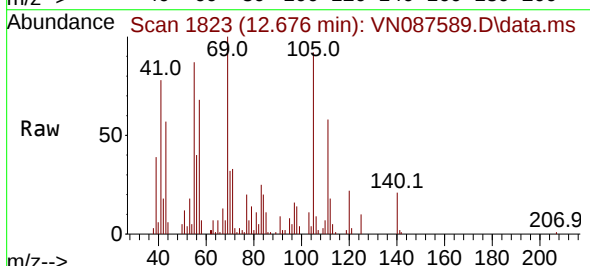


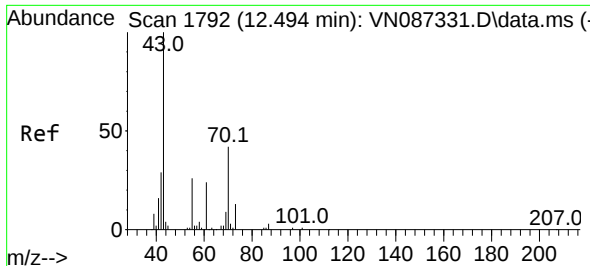
Tgt Ion:152 Resp: 279909
Ion Ratio Lower Upper
152 100
115 67.0 31.1 93.5
150 154.3 0.0 349.0



#73
Isopropylbenzene
Concen: 1.565 ug/l
RT: 12.676 min Scan# 1823
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

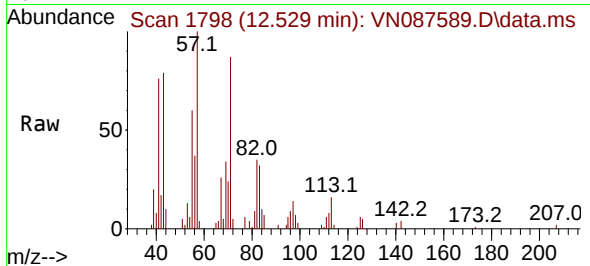
Tgt Ion:105 Resp: 27562
Ion Ratio Lower Upper
105 100
120 24.1 13.4 40.1



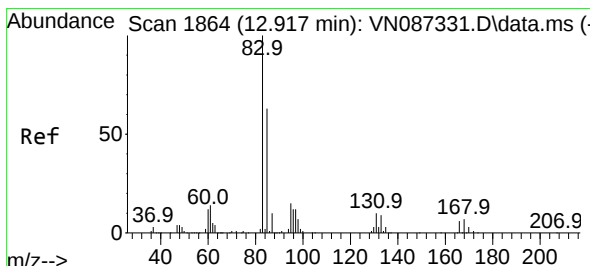
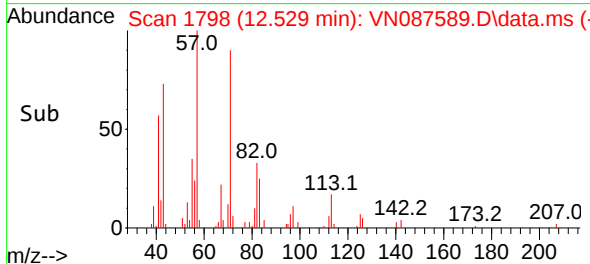
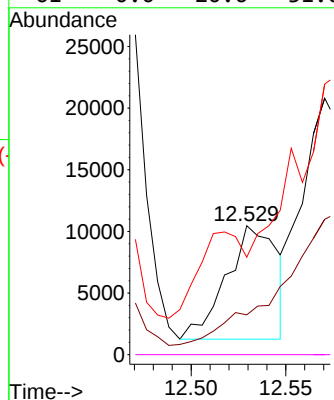


#74
N-amy1 acetate
Concen: 2.333 ug/l
RT: 12.529 min Scan# 1792
Delta R.T. 0.035 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :

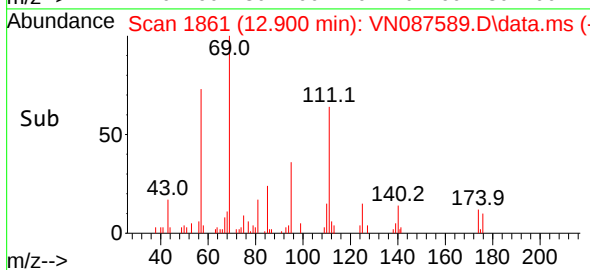
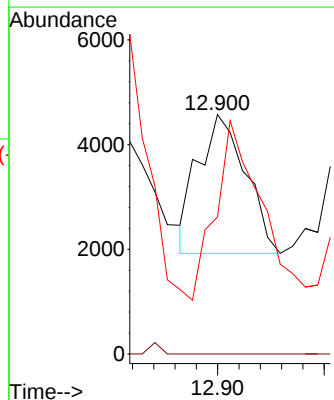
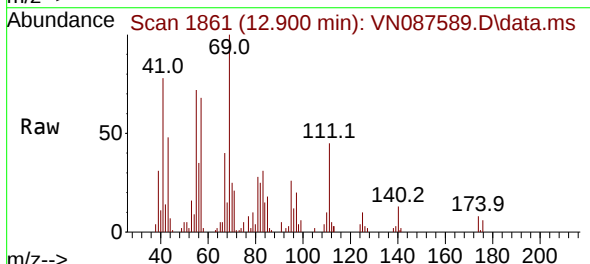


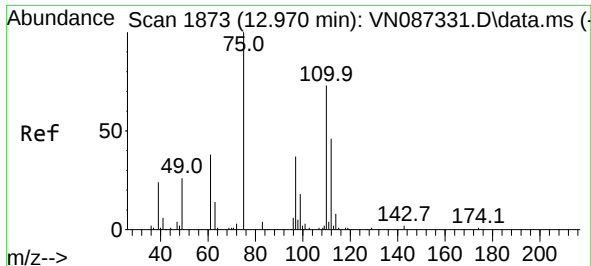
Tgt Ion: 43 Resp: 17077
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 69.0 19.6 29.4#
61 0.0 20.6 31.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.620 ug/l
RT: 12.900 min Scan# 1861
Delta R.T. -0.017 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 83 Resp: 4108
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 0.0 32.5 97.4#

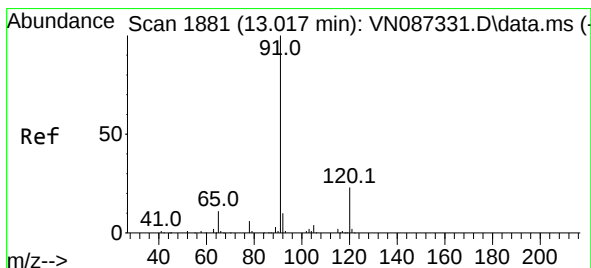
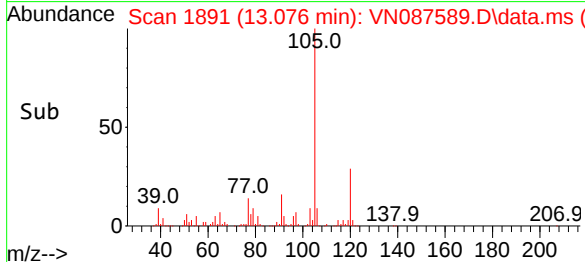
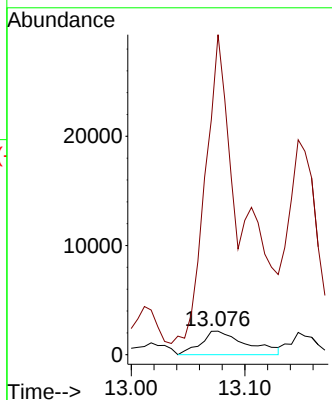
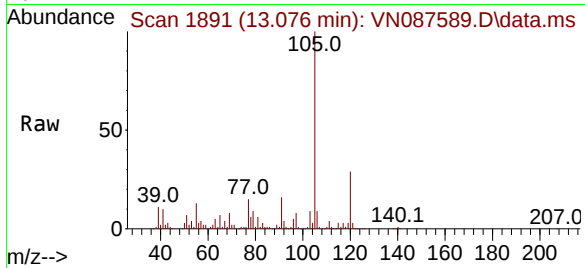




#76
1,2,3-Trichloropropane
Concen: 0.952 ug/l
RT: 13.076 min Scan# 1880
Delta R.T. 0.106 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

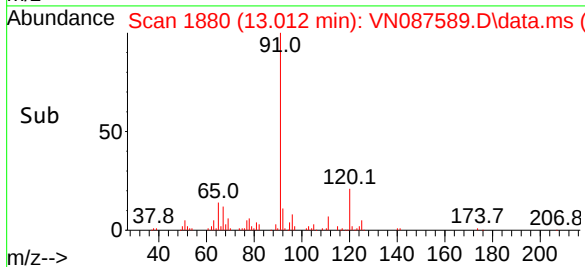
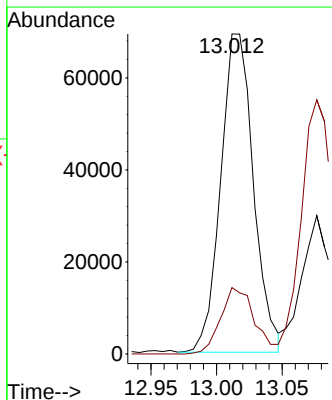
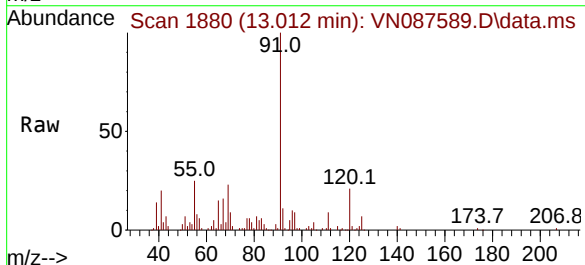
Instrument :
MSVOA_N
ClientSampleId :

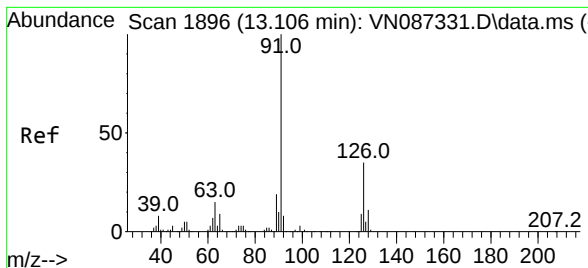
Tgt Ion: 75 Resp: 5973
Ion Ratio Lower Upper
75 100
77 718.1 94.5 283.6#



#78
n-propylbenzene
Concen: 5.421 ug/l
RT: 13.012 min Scan# 1880
Delta R.T. -0.006 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 91 Resp: 120151
Ion Ratio Lower Upper
91 100
120 21.1 11.3 33.8

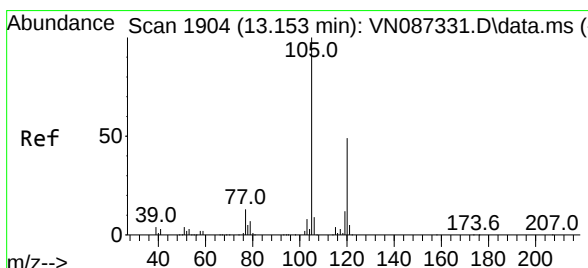
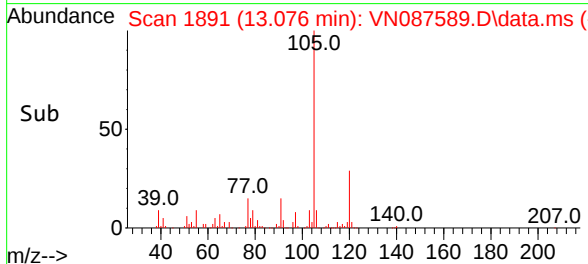
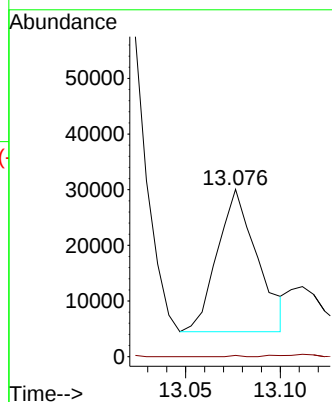
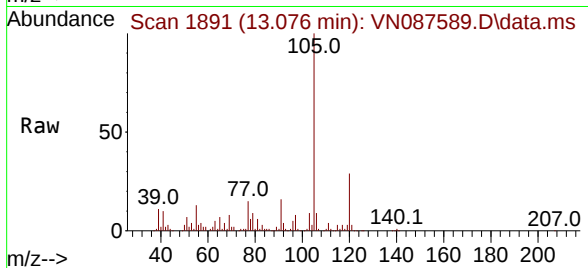




#79
2-Chlorotoluene
Concen: 2.759 ug/l
RT: 13.076 min Scan# 1896
Delta R.T. -0.029 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

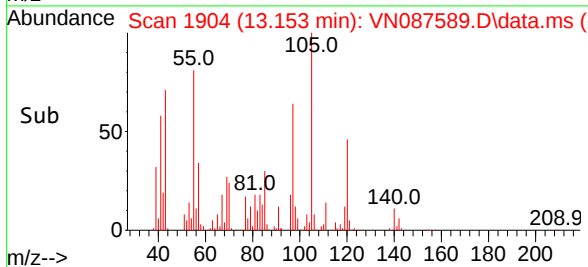
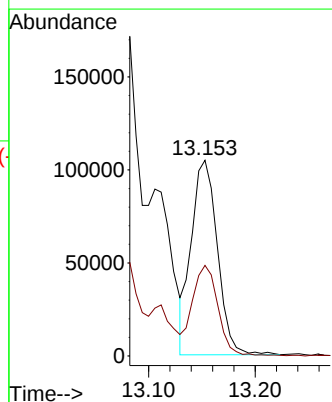
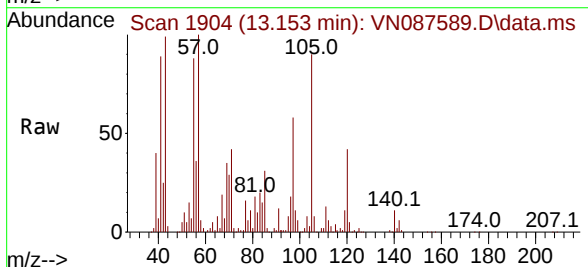
Instrument :
MSVOA_N
ClientSampleId :

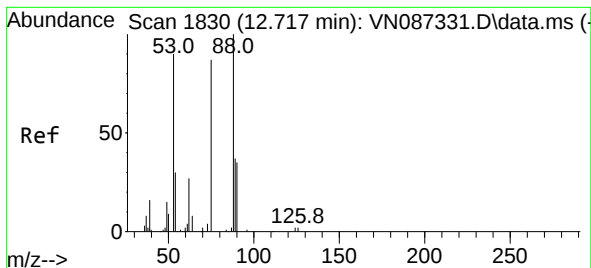
Tgt Ion: 91 Resp: 37584
Ion Ratio Lower Upper
91 100
126 0.0 16.9 50.6#



#80
1,3,5-Trimethylbenzene
Concen: 11.878 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion:105 Resp: 178283
Ion Ratio Lower Upper
105 100
120 46.3 24.3 72.8

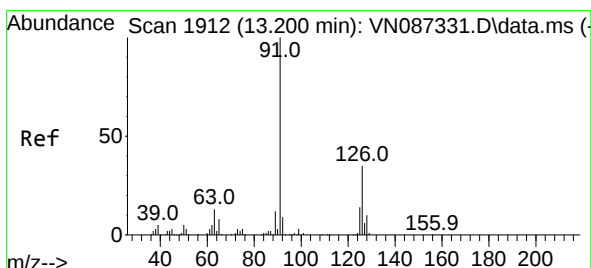
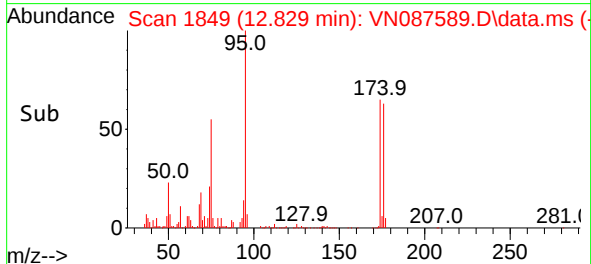
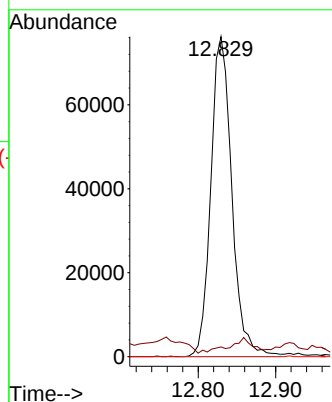
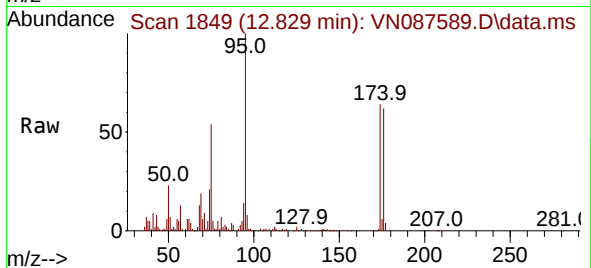




#81
trans-1,4-Dichloro-2-butene
Concen: 62.617 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

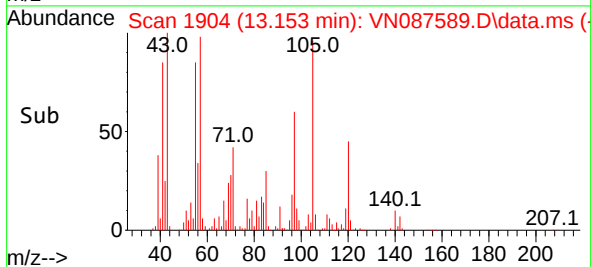
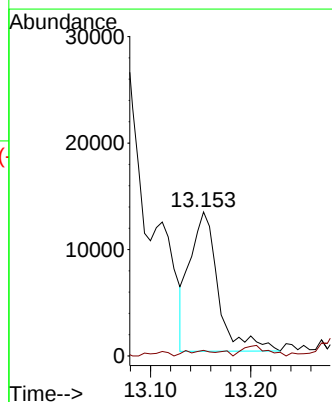
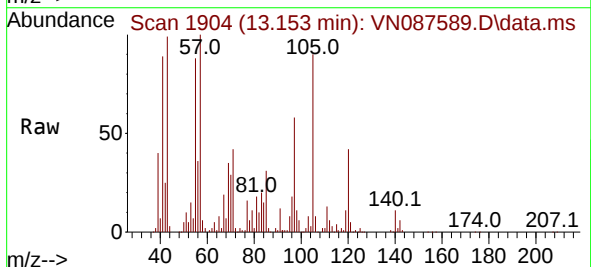
Instrument :
MSVOA_N
ClientSampleId :

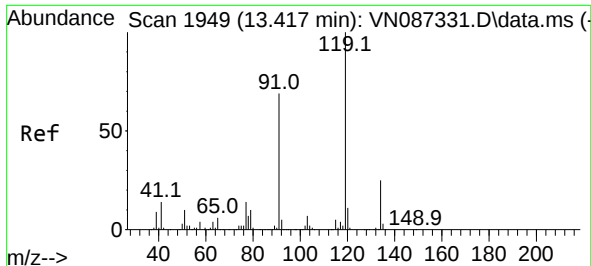
Tgt Ion: 75 Resp: 143643
Ion Ratio Lower Upper
75 100
53 0.0 83.5 125.3#
89 0.0 38.4 57.6#



#82
4-Chlorotoluene
Concen: 1.815 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion: 91 Resp: 25743
Ion Ratio Lower Upper
91 100
126 4.9 16.6 49.7#

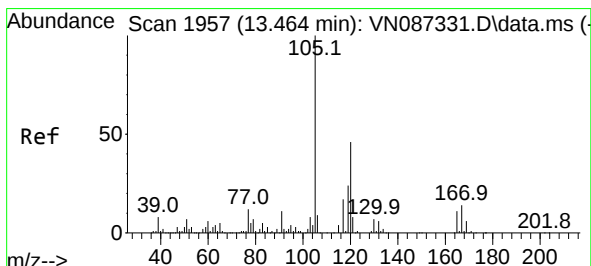
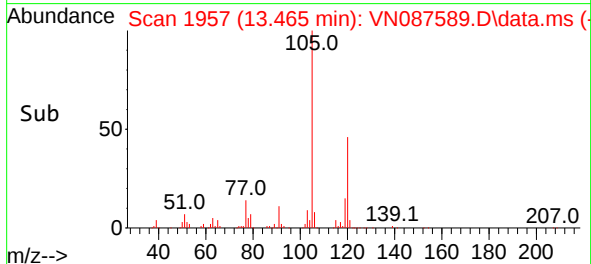
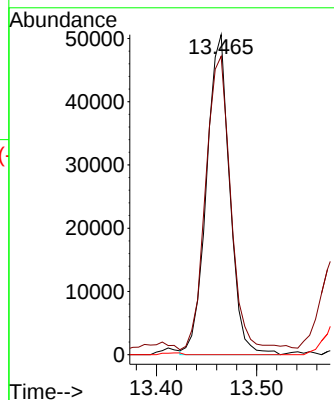
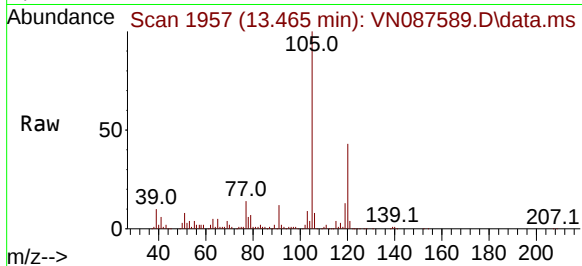




#83
 tert-Butylbenzene
 Concen: 6.501 ug/l
 RT: 13.465 min Scan# 1949
 Delta R.T. 0.047 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

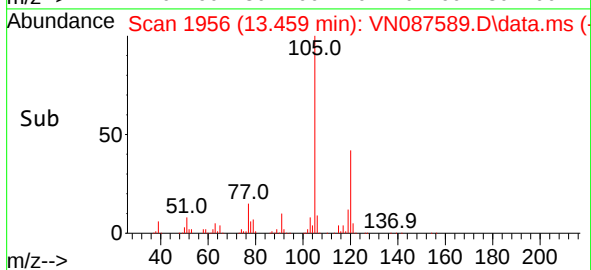
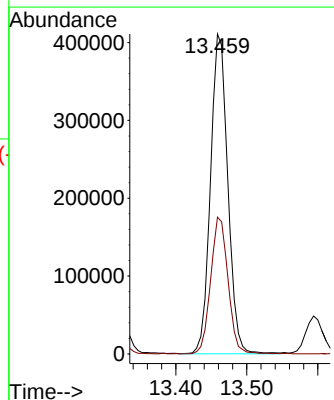
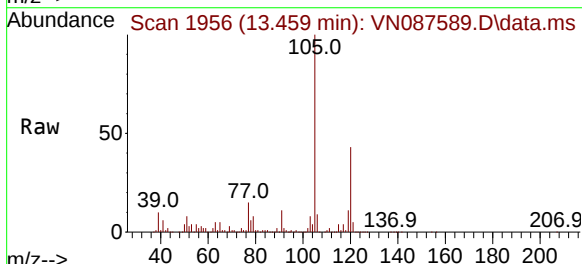
Instrument :
 MSVOA_N
 ClientSampleId :

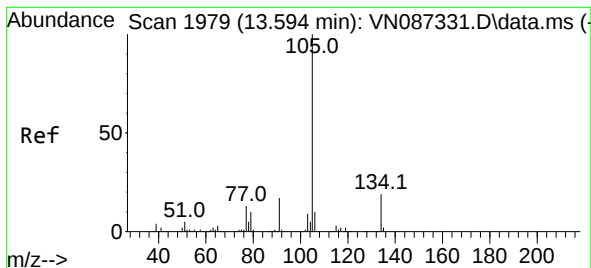
Tgt Ion:119 Resp: 81503
 Ion Ratio Lower Upper
 119 100
 91 98.9 35.0 105.1
 134 0.0 12.6 37.6#



#84
 1,2,4-Trimethylbenzene
 Concen: 45.334 ug/l
 RT: 13.459 min Scan# 1956
 Delta R.T. -0.006 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

Tgt Ion:105 Resp: 694902
 Ion Ratio Lower Upper
 105 100
 120 42.8 22.8 68.3





#85

sec-Butylbenzene

Concen: 4.110 ug/l

RT: 13.594 min Scan# 1979

Delta R.T. 0.000 min

Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

Instrument :

MSVOA_N

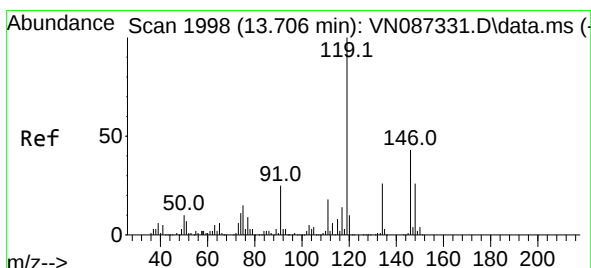
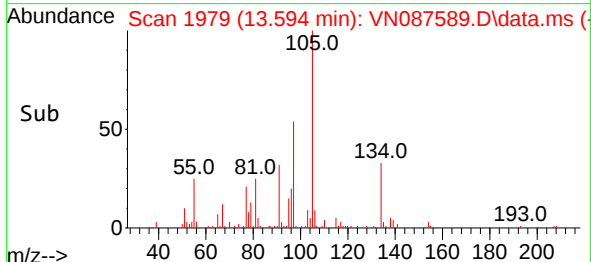
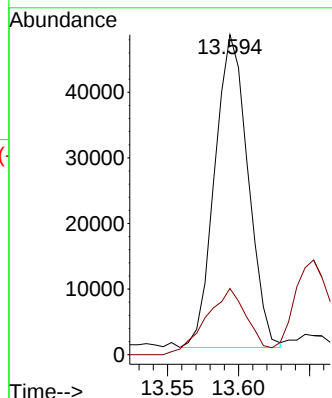
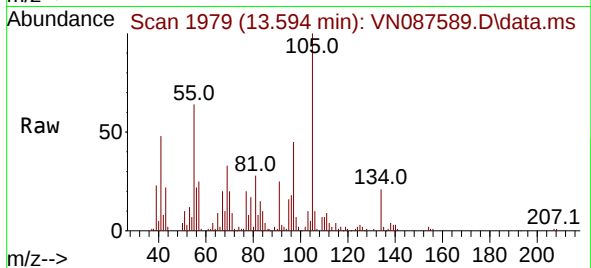
ClientSampleId :

Tgt Ion:105 Resp: 77604

Ion Ratio Lower Upper

105 100

134 26.2 9.8 29.4



#86

p-Isopropyltoluene

Concen: 3.265 ug/l

RT: 13.706 min Scan# 1998

Delta R.T. 0.000 min

Lab File: VN087589.D

Acq: 15 Aug 2025 17:51

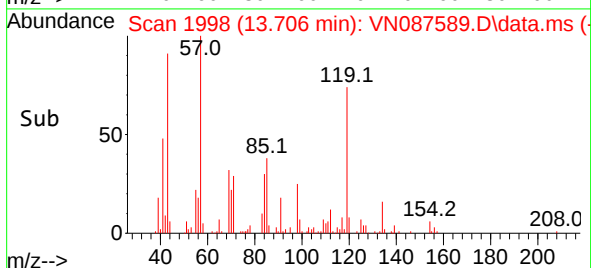
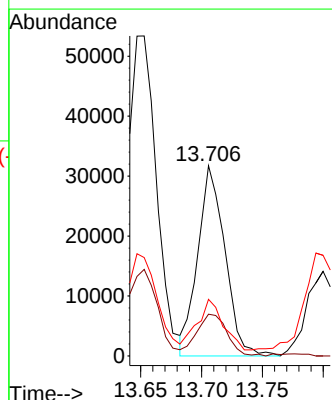
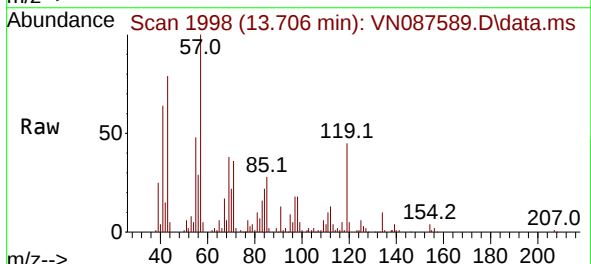
Tgt Ion:119 Resp: 49406

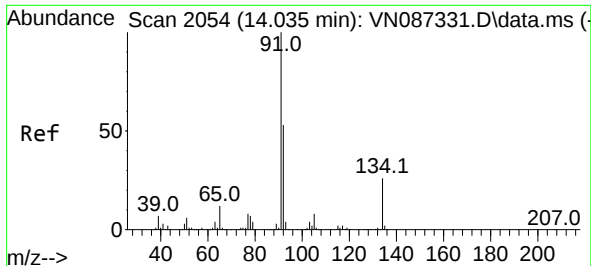
Ion Ratio Lower Upper

119 100

134 24.4 13.5 40.5

91 25.2 12.2 36.6

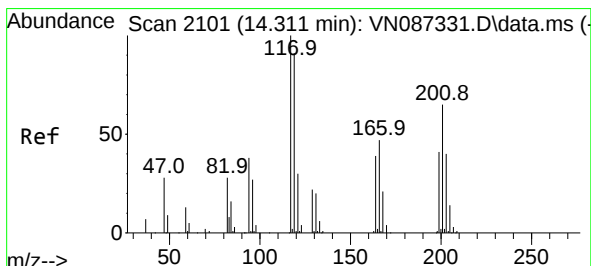
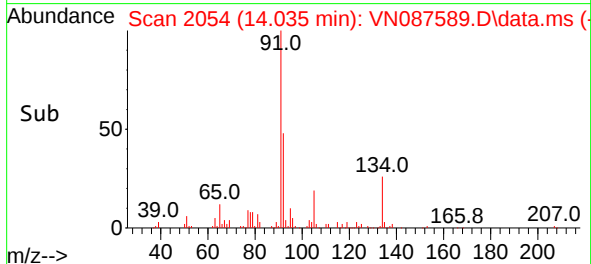
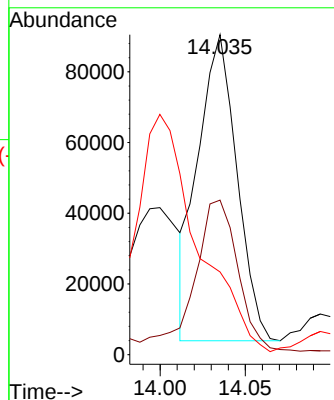
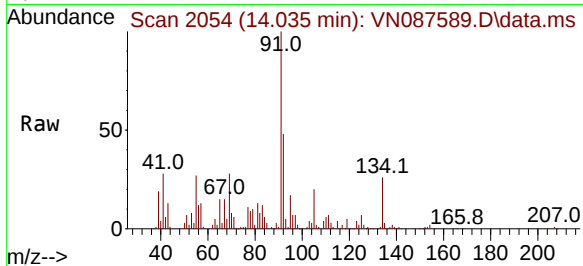




#89
 n-Butylbenzene
 Concen: 9.459 ug/l
 RT: 14.035 min Scan# 2054
 Delta R.T. 0.000 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

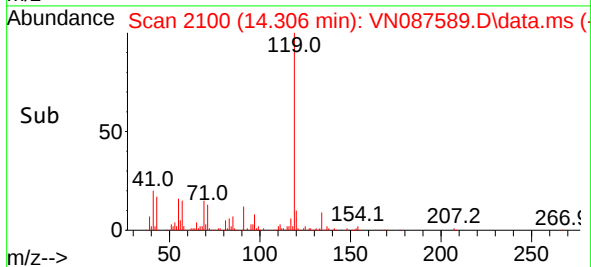
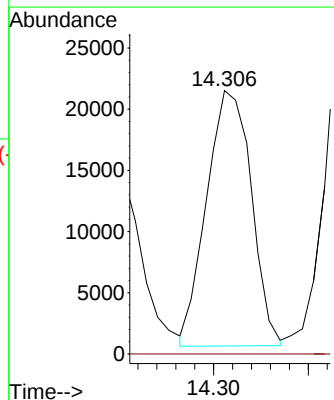
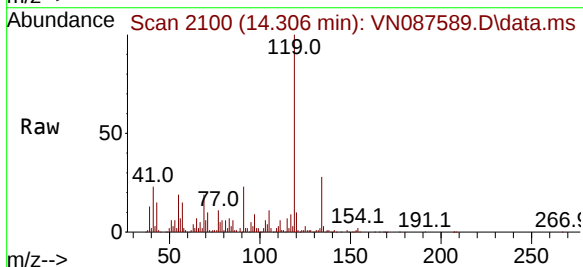
Instrument :
 MSVOA_N
 ClientSampleId :

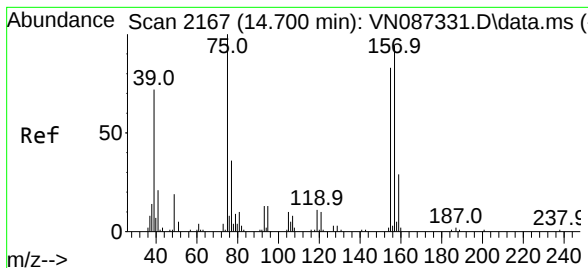
Tgt Ion: 91 Resp: 136683
 Ion Ratio Lower Upper
 91 100
 92 56.0 26.2 78.6
 134 0.0 12.4 37.2#



#90
 Hexachloroethane
 Concen: 10.670 ug/l
 RT: 14.306 min Scan# 2100
 Delta R.T. -0.006 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

Tgt Ion: 117 Resp: 34213
 Ion Ratio Lower Upper
 117 100
 201 0.0 32.8 98.4#

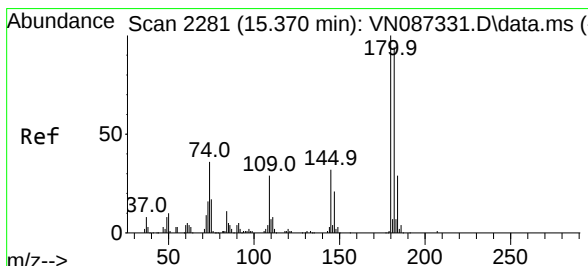
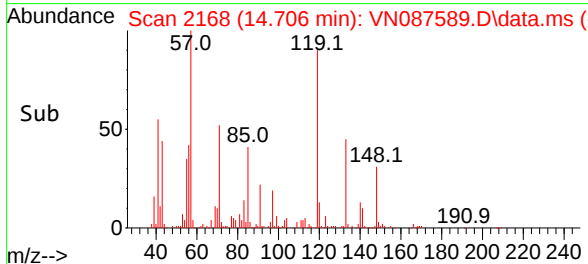
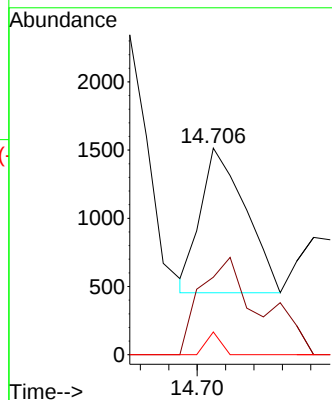
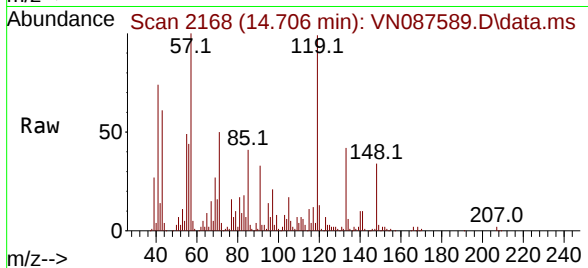




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 0.669 ug/l
 RT: 14.706 min Scan# 2167
 Delta R.T. 0.006 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

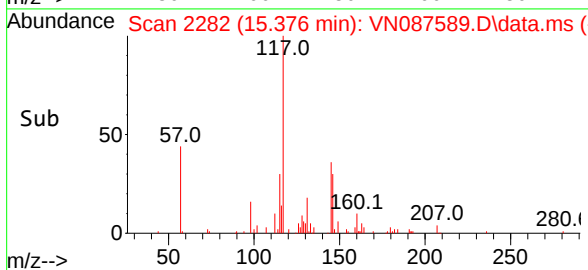
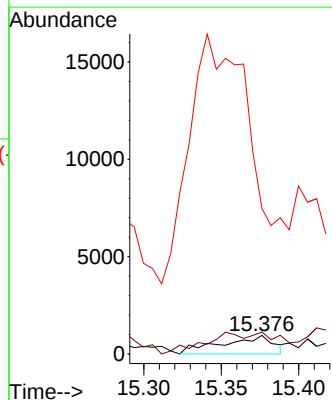
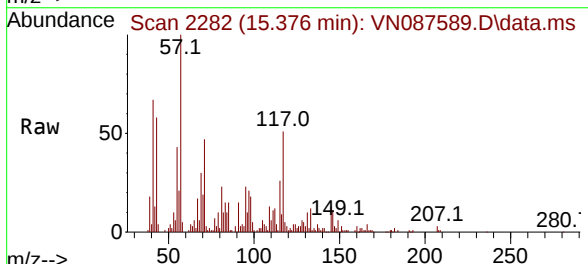
Instrument :
 MSVOA_N
 ClientSampleId :

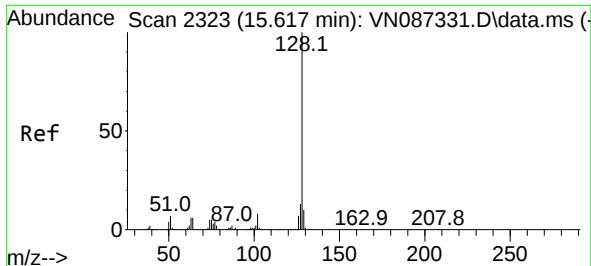
Tgt Ion: 75 Resp: 1164
 Ion Ratio Lower Upper
 75 100
 155 90.1 37.3 111.8
 157 5.1 46.2 138.6#



#93
 1,2,4-Trichlorobenzene
 Concen: 0.439 ug/l
 RT: 15.376 min Scan# 2282
 Delta R.T. 0.006 min
 Lab File: VN087589.D
 Acq: 15 Aug 2025 17:51

Tgt Ion: 180 Resp: 2191
 Ion Ratio Lower Upper
 180 100
 182 0.0 47.3 141.8#
 145 0.0 15.4 46.4#

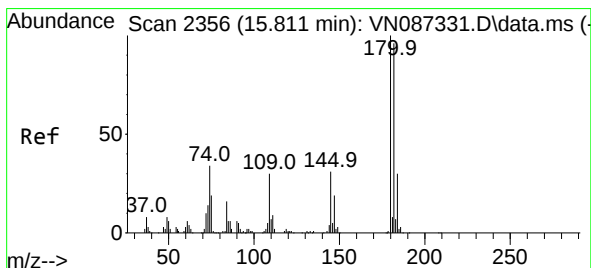
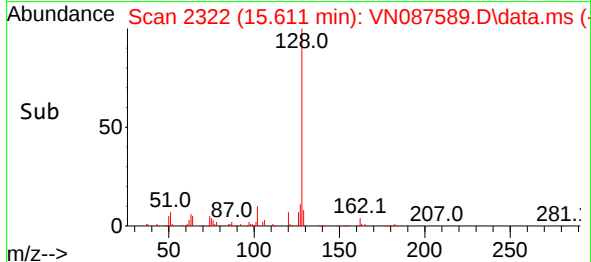
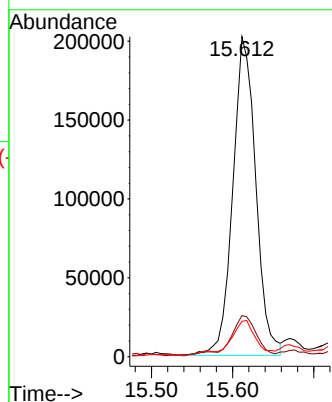
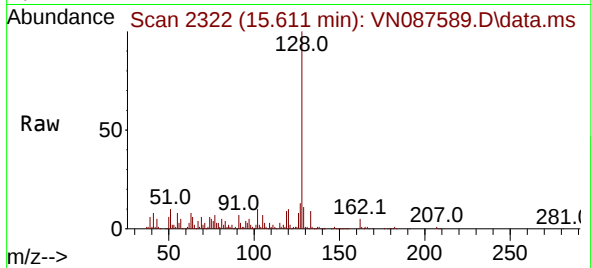




#95
Naphthalene
Concen: 22.506 ug/l
RT: 15.611 min Scan# 21
Delta R.T. -0.006 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Instrument :
MSVOA_N
ClientSampleId :

Tgt Ion:128 Resp: 397843
Ion Ratio Lower Upper
128 100
127 14.1 10.5 15.7
129 12.8 8.4 12.6#



#96
1,2,3-Trichlorobenzene
Concen: 0.737 ug/l
RT: 15.835 min Scan# 2360
Delta R.T. 0.024 min
Lab File: VN087589.D
Acq: 15 Aug 2025 17:51

Tgt Ion:180 Resp: 3687
Ion Ratio Lower Upper
180 100
182 29.6 47.1 141.4#
145 0.0 16.9 50.6#

