

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087535.D
 Acq On : 13 Aug 2025 15:14
 Operator : JC\MD
 Sample : Q2825-01RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 04:01:30 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	225954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	487904	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	444655	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	213040	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	232717	60.699	ug/l	0.00
Spiked Amount	50.000	Range 74 - 125	Recovery	= 121.400%		
35) Dibromofluoromethane	8.153	113	167848	49.872	ug/l	0.00
Spiked Amount	50.000	Range 75 - 124	Recovery	= 99.740%		
50) Toluene-d8	10.547	98	628105	52.319	ug/l	0.00
Spiked Amount	50.000	Range 86 - 113	Recovery	= 104.640%		
62) 4-Bromofluorobenzene	12.829	95	231298	52.148	ug/l	0.00
Spiked Amount	50.000	Range 77 - 121	Recovery	= 104.300%		
Target Compounds						
						Qvalue
3) Chloromethane	2.383	50	972	0.322	ug/l	97
10) Methyl Iodide	4.600	142	67	5.657	ug/l #	40
13) Acrolein	4.159	56	609	1.042	ug/l #	57
16) Acetone	4.418	43	4653	2.588	ug/l #	60
17) Carbon Disulfide	4.700	76	2005	0.262	ug/l #	71
20) Methylene Chloride	5.259	84	282	Below Cal	#	35
28) Bromochloromethane	7.800	49	800	0.296	ug/l #	86
31) Cyclohexane	8.241	56	42387	8.993	ug/l	95
36) 1,1-Dichloropropene	8.212	75	21349	4.801	ug/l #	51
38) Carbon Tetrachloride	8.212	117	27453	5.605	ug/l #	12
39) Methylcyclohexane	9.582	83	115469	23.986	ug/l	99
45) 1,2-Dichloropropane	9.588	63	1523	0.417	ug/l #	1
48) Methyl methacrylate	9.582	41	66199	14.751	ug/l #	73
52) Toluene	10.612	92	3549	0.406	ug/l	87
55) 1,1,2-Trichloroethane	10.982	97	13288	3.757	ug/l #	20
56) Ethyl methacrylate	10.847	69	1702	0.927	ug/l #	24
59) 2-Hexanone	11.159	43	4568	1.092	ug/l #	25
67) Ethyl Benzene	11.941	91	23096	1.405	ug/l	100
68) m/p-Xylenes	12.053	106	5052	0.821	ug/l	74
73) Isopropylbenzene	12.676	105	41734	3.113	ug/l	100
74) N-amyl acetate	12.518	43	1328	0.238	ug/l #	1
75) 1,1,2,2-Tetrachloroethane	12.923	83	1863	0.369	ug/l #	49
76) 1,2,3-Trichloropropane	12.829	75	129316	27.069	ug/l #	1
78) n-propylbenzene	13.017	91	91547	5.427	ug/l	95
79) 2-Chlorotoluene	13.112	91	5981	0.577	ug/l #	41
80) 1,3,5-Trimethylbenzene	13.153	105	20619	1.805	ug/l	91
81) trans-1,4-Dichloro-2-b...	12.829	75	129316	74.065	ug/l #	8
82) 4-Chlorotoluene	13.153	91	3224	0.299	ug/l #	42
83) tert-Butylbenzene	13.423	119	11001	1.153	ug/l	90
84) 1,2,4-Trimethylbenzene	13.459	105	284789	24.411	ug/l	97
85) sec-Butylbenzene	13.594	105	58488	4.070	ug/l #	78
86) p-Isopropyltoluene	13.712	119	30231	2.625	ug/l	96
89) n-Butylbenzene	14.035	91	55263	5.025	ug/l #	77
90) Hexachloroethane	14.306	117	17477	7.162	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.723	75	333	0.251	ug/l #	7
94) Hexachlorobutadiene	15.464	225	308	0.218	ug/l #	38

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

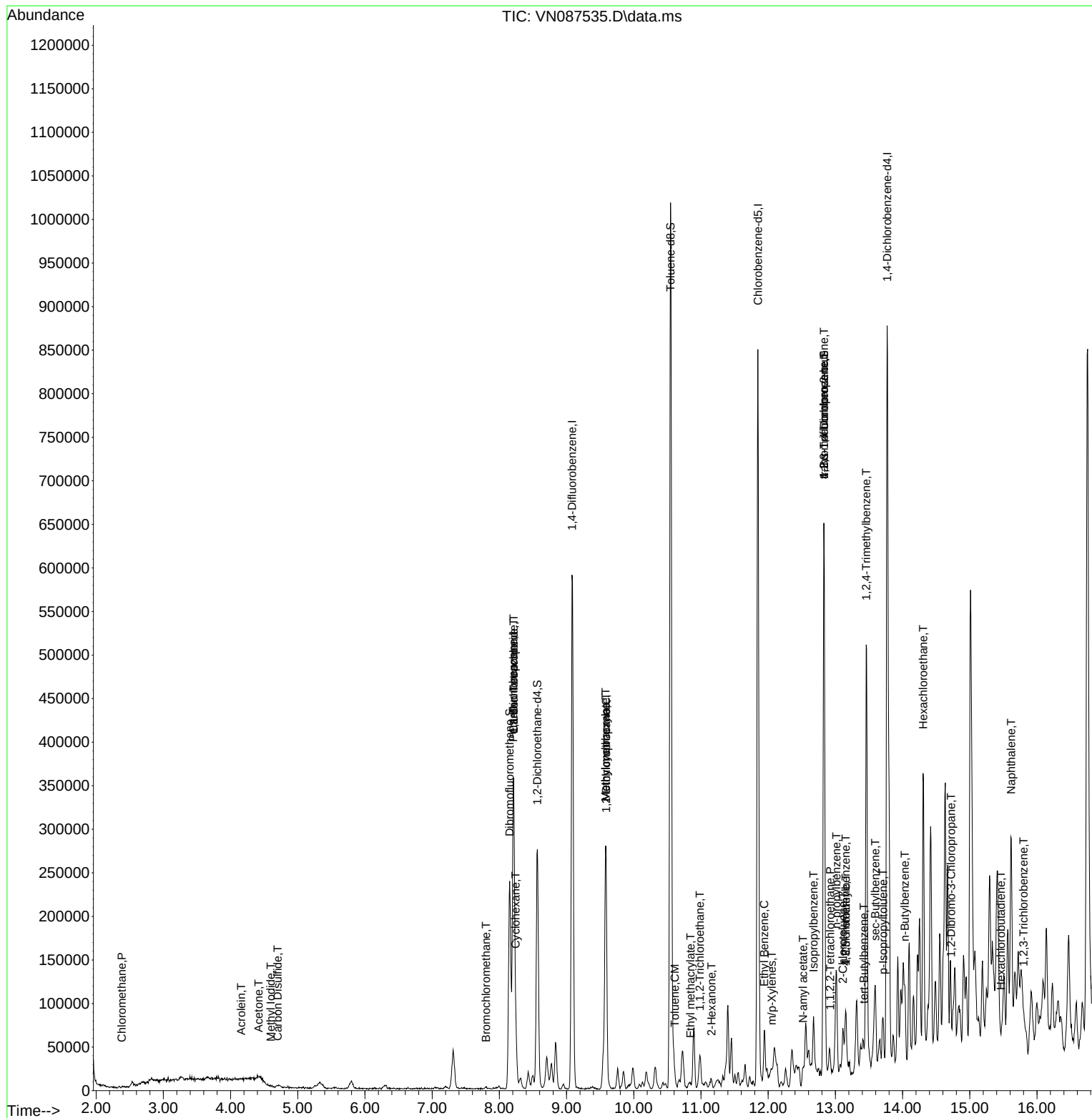
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
95) Naphthalene	15.617	128	211492	15.719	ug/l	98
96) 1,2,3-Trichlorobenzene	15.800	180	774	0.203	ug/l #	1

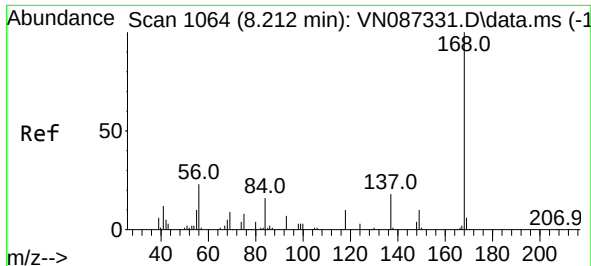
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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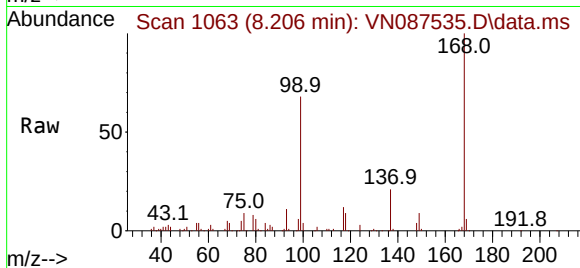
Quant Time: Aug 14 04:01:30 2025
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N071625W.M
Quant Title : SW846 8260
QLast Update : Thu Jul 17 02:56:13 2025
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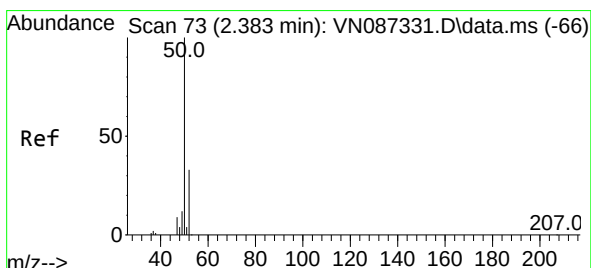
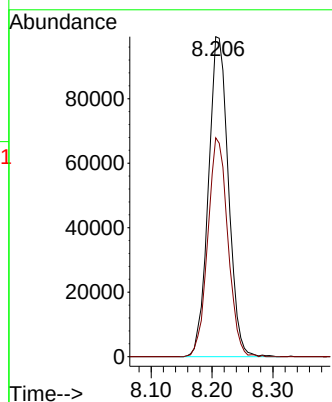
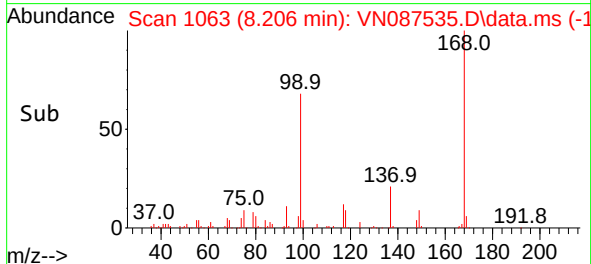


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

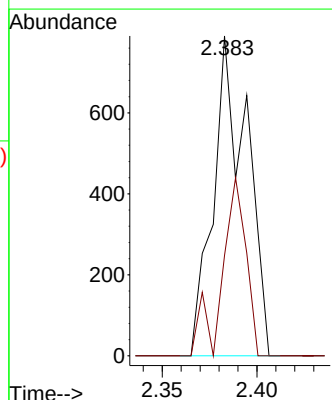
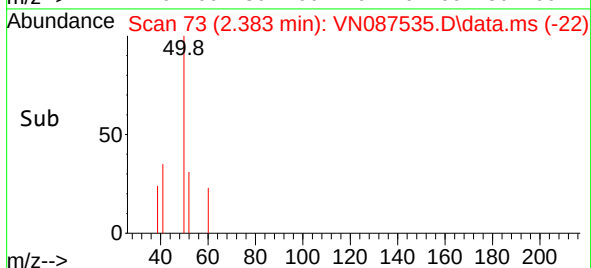
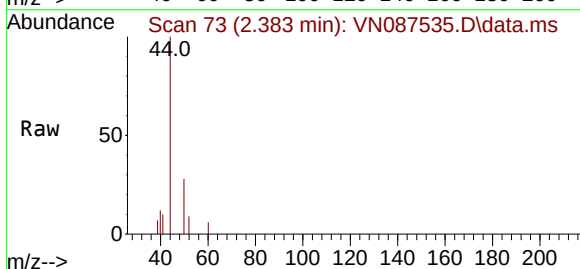


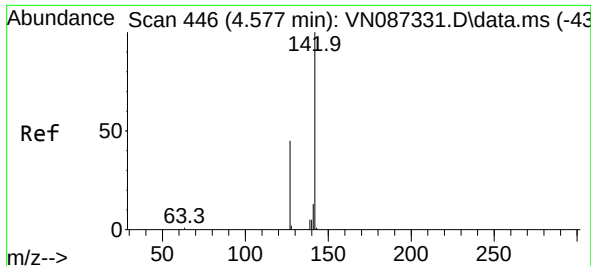
Tgt Ion:168 Resp: 225954
Ion Ratio Lower Upper
168 100
99 68.4 47.9 71.9



#3
Chloromethane
Concen: 0.322 ug/l
RT: 2.383 min Scan# 73
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

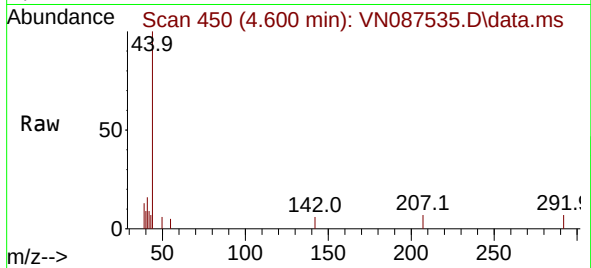
Tgt Ion: 50 Resp: 972
Ion Ratio Lower Upper
50 100
52 31.4 26.3 39.5



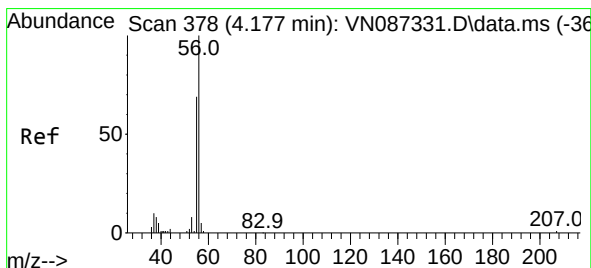
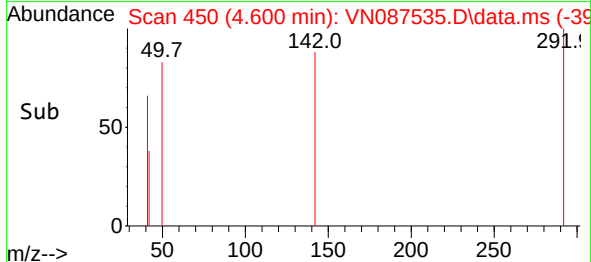
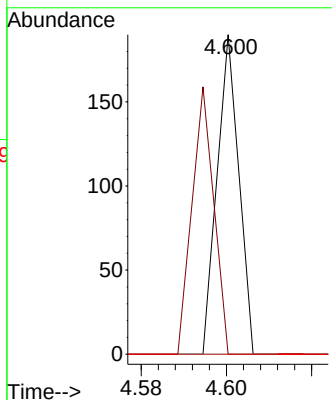


#10
Methyl Iodide
Concen: 5.657 ug/l
RT: 4.600 min Scan# 41
Delta R.T. 0.023 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

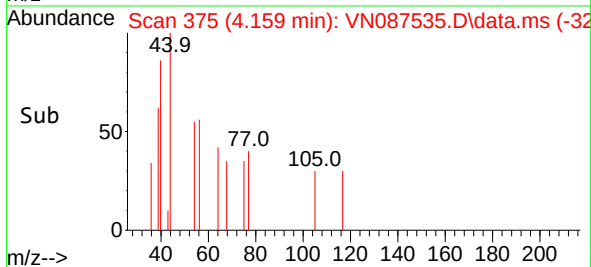
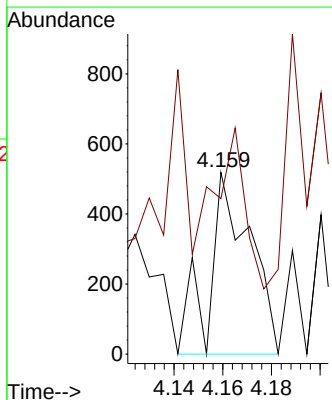
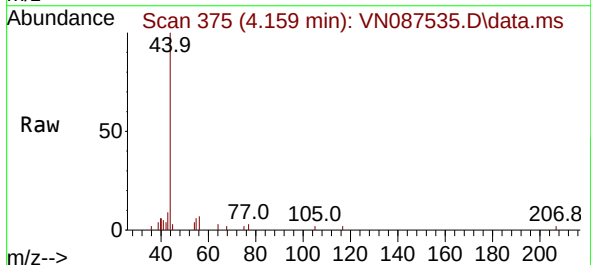


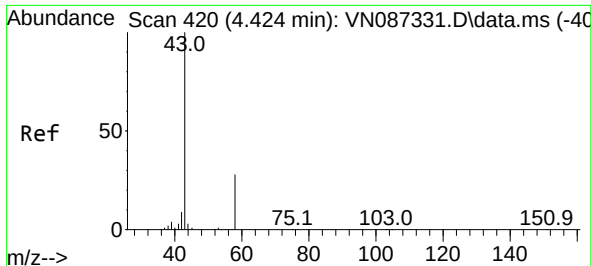
Tgt Ion:142 Resp: 67
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 10.4 15.6#



#13
Acrolein
Concen: 1.042 ug/l
RT: 4.159 min Scan# 375
Delta R.T. -0.018 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

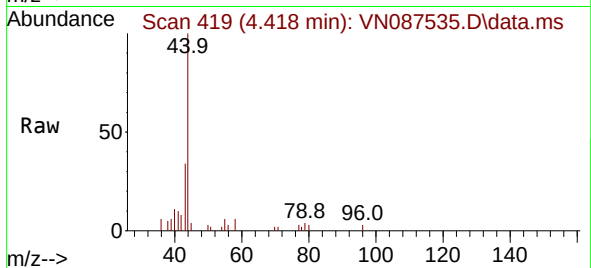
Tgt Ion: 56 Resp: 609
Ion Ratio Lower Upper
56 100
55 35.1 56.2 84.4#



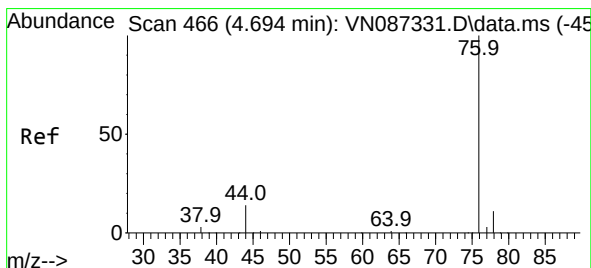
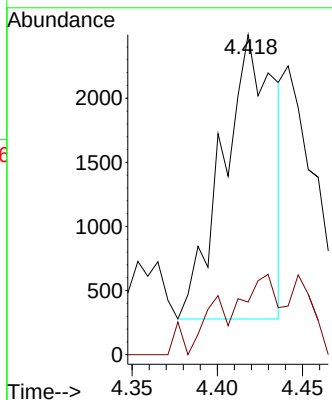
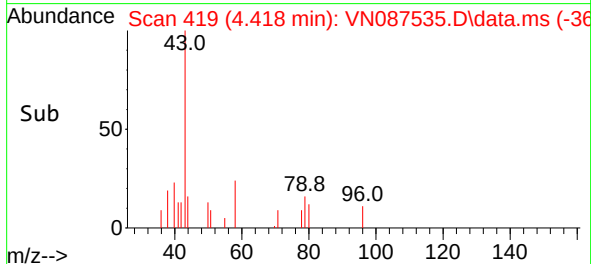


#16
Acetone
Concen: 2.588 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

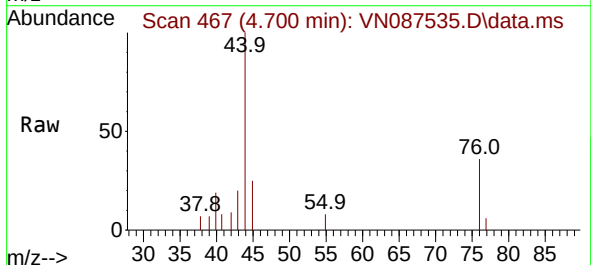
Instrument :
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ClientSampleId :



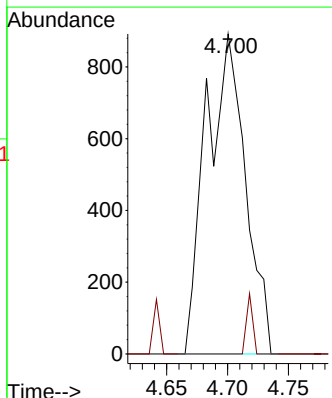
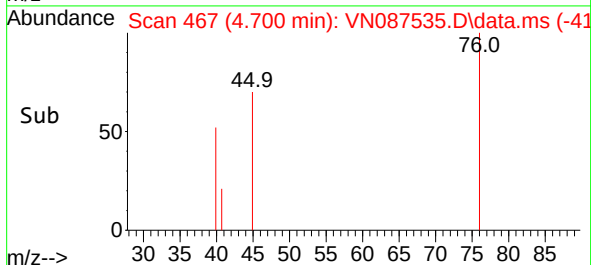
Tgt Ion: 43 Resp: 4653
Ion Ratio Lower Upper
43 100
58 7.0 22.3 33.5#

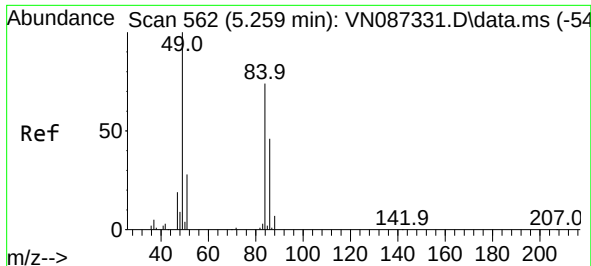


#17
Carbon Disulfide
Concen: 0.262 ug/l
RT: 4.700 min Scan# 467
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14



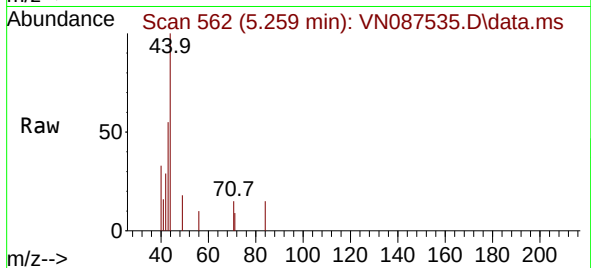
Tgt Ion: 76 Resp: 2005
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0#



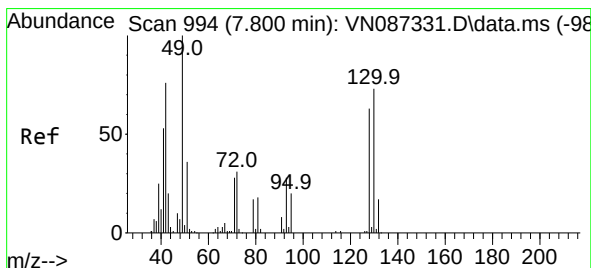
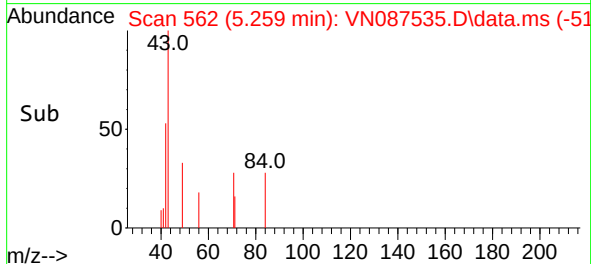
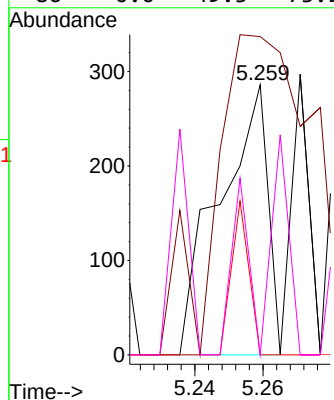


#20
Methylene Chloride
Concen: Below Cal
RT: 5.259 min Scan# 50
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

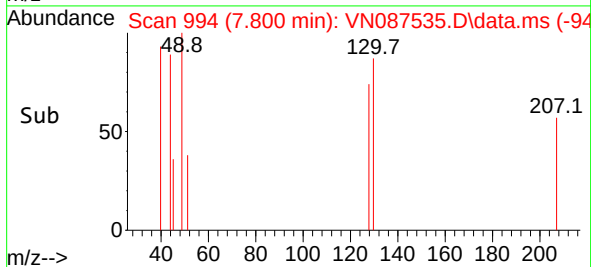
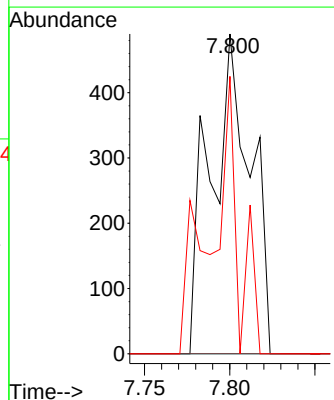
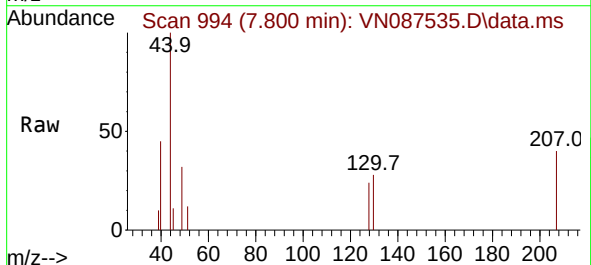


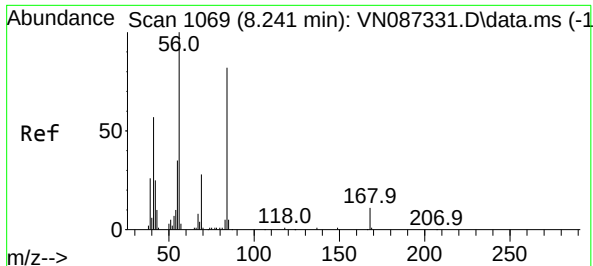
Tgt Ion:	84	Resp:	282
Ion	Ratio	Lower	Upper
84	100		
49	64.3	107.5	161.3#
51	0.0	30.2	45.2#
86	0.0	49.3	73.9#



#28
Bromochloromethane
Concen: 0.296 ug/l
RT: 7.800 min Scan# 994
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:	49	Resp:	800
Ion	Ratio	Lower	Upper
49	100		
129	0.0	0.0	4.2
130	59.9	57.3	85.9

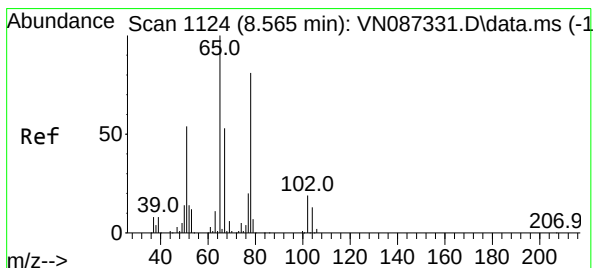
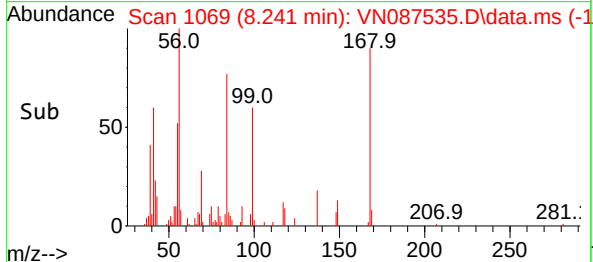
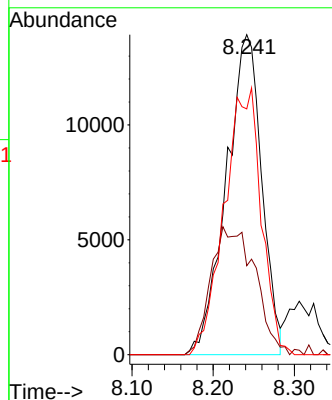
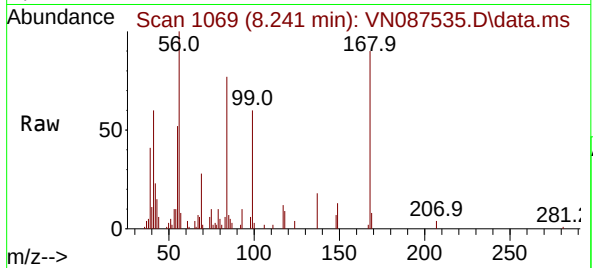




#31
Cyclohexane
Concen: 8.993 ug/l
RT: 8.241 min Scan# 1069
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

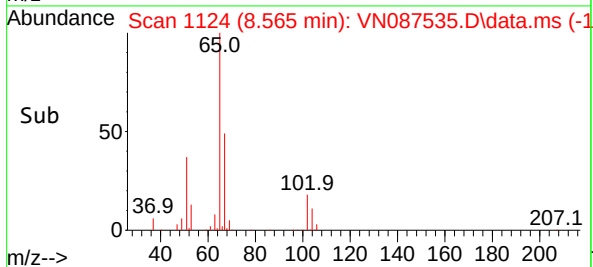
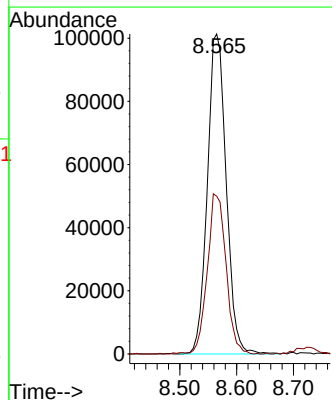
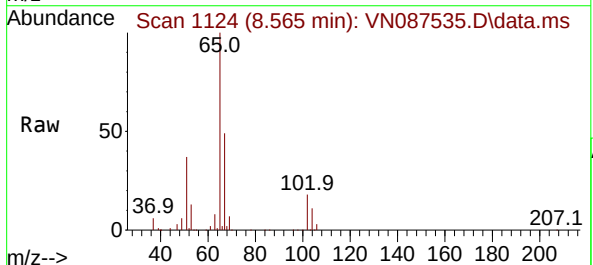
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MSVOA_N
ClientSampleId :

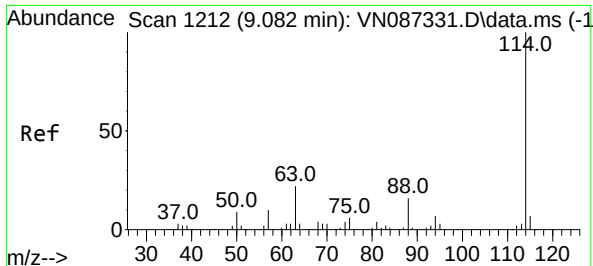
Tgt Ion: 56 Resp: 42387
Ion Ratio Lower Upper
56 100
69 27.8 22.7 34.1
84 76.8 65.8 98.6



#33
1,2-Dichloroethane-d4
Concen: 60.699 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 65 Resp: 232717
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.082 min Scan# 1

Delta R.T. 0.000 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

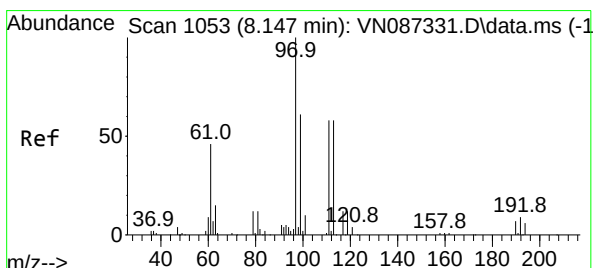
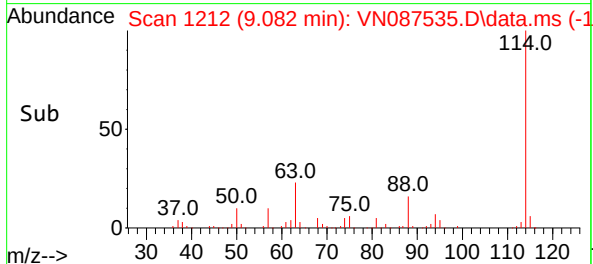
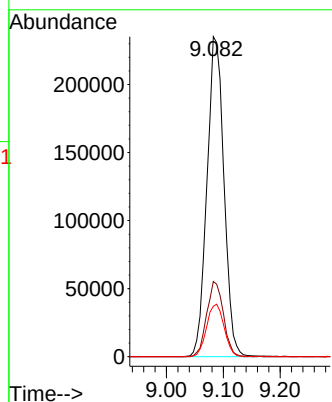
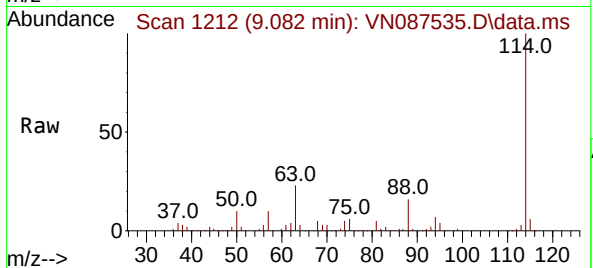
Tgt Ion:114 Resp: 487904

Ion Ratio Lower Upper

114 100

63 23.5 0.0 44.6

88 15.8 0.0 32.8



#35

Dibromofluoromethane

Concen: 49.872 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

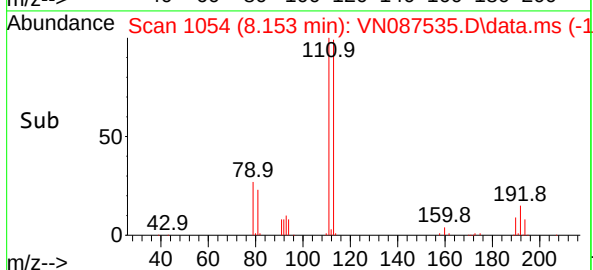
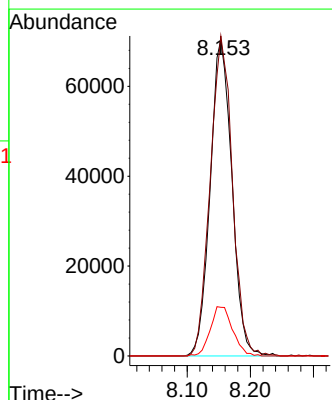
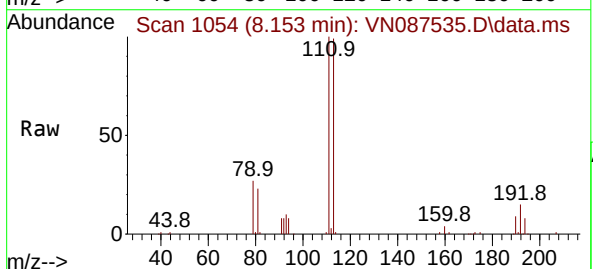
Tgt Ion:113 Resp: 167848

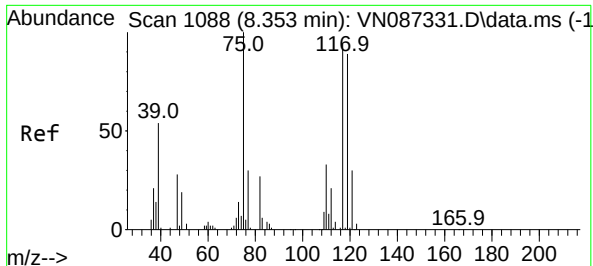
Ion Ratio Lower Upper

113 100

111 103.5 82.5 123.7

192 16.1 13.7 20.5





#36

1,1-Dichloropropene

Concen: 4.801 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.141 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

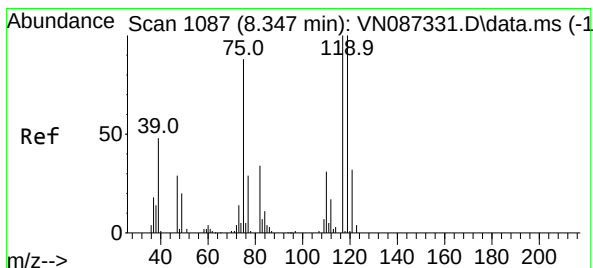
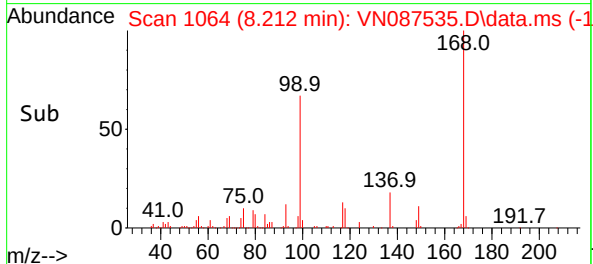
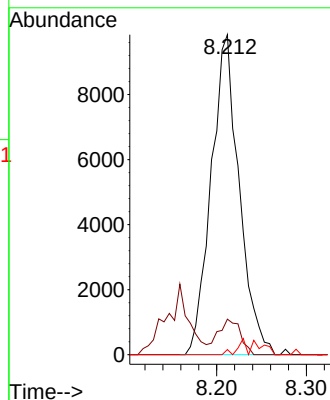
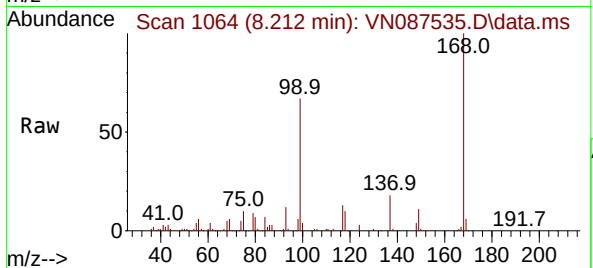
Tgt Ion: 75 Resp: 21349

Ion Ratio Lower Upper

75 100

110 8.9 16.7 50.1#

77 1.4 25.2 37.8#



#38

Carbon Tetrachloride

Concen: 5.605 ug/l

RT: 8.212 min Scan# 1064

Delta R.T. -0.135 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

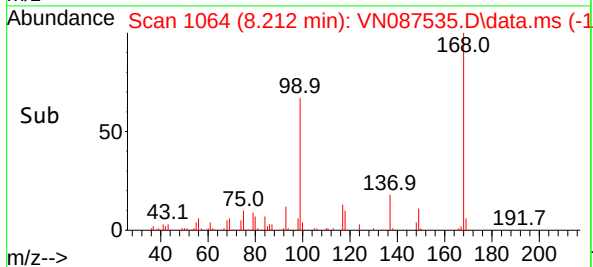
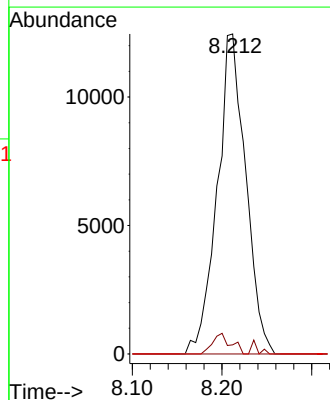
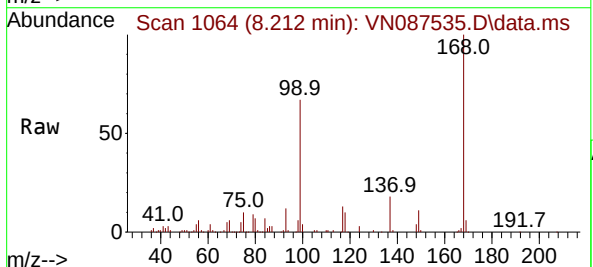
Tgt Ion: 117 Resp: 27453

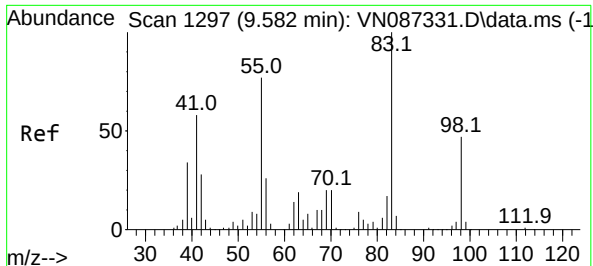
Ion Ratio Lower Upper

117 100

119 2.8 80.2 120.2#

121 0.0 25.4 38.2#





#39

Methylcyclohexane

Concen: 23.986 ug/l

RT: 9.582 min Scan# 11

Delta R.T. 0.000 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

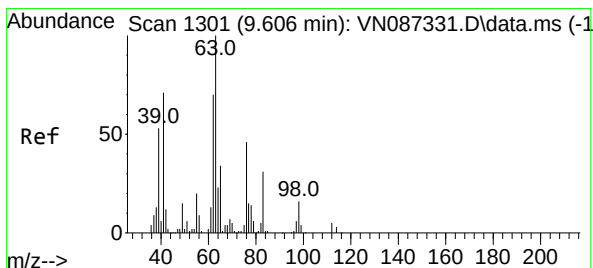
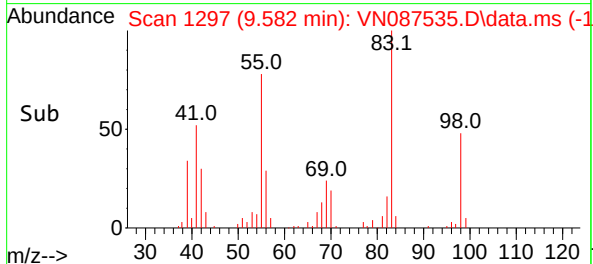
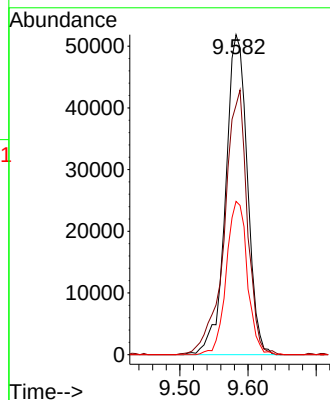
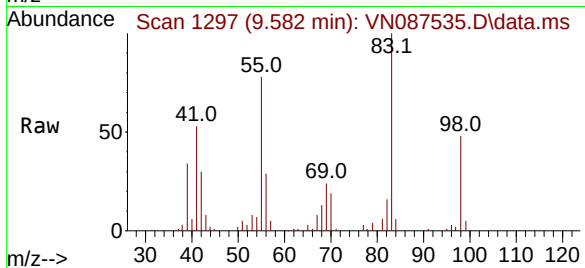
Tgt Ion: 83 Resp: 115469

Ion Ratio Lower Upper

83 100

55 77.6 61.3 91.9

98 47.9 37.9 56.9



#45

1,2-Dichloropropane

Concen: 0.417 ug/l

RT: 9.588 min Scan# 1298

Delta R.T. -0.018 min

Lab File: VN087535.D

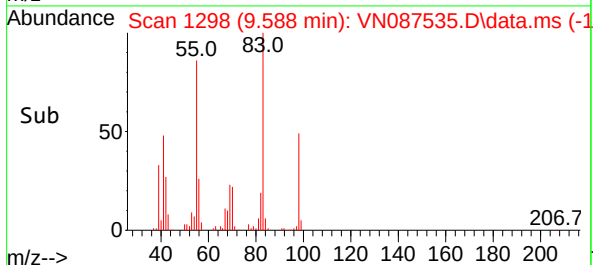
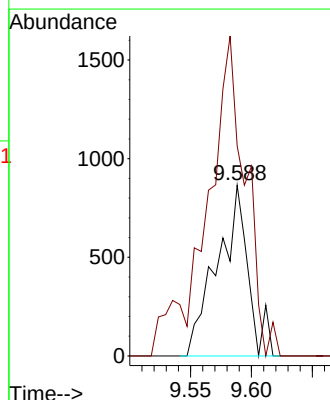
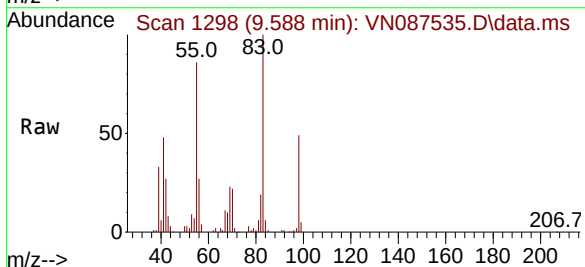
Acq: 13 Aug 2025 15:14

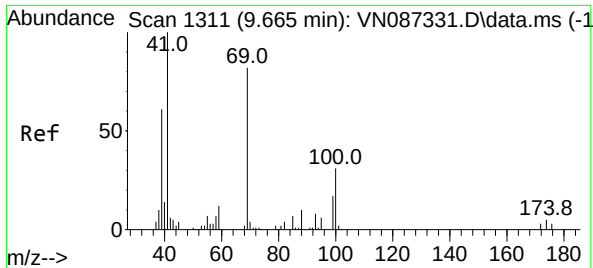
Tgt Ion: 63 Resp: 1523

Ion Ratio Lower Upper

63 100

65 123.1 27.0 40.4#

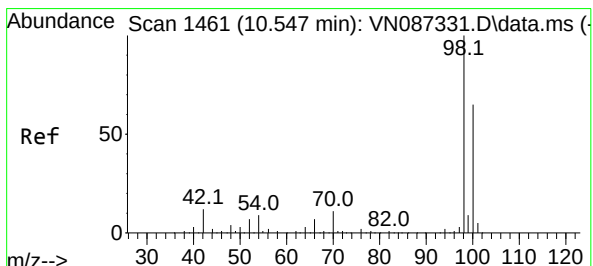
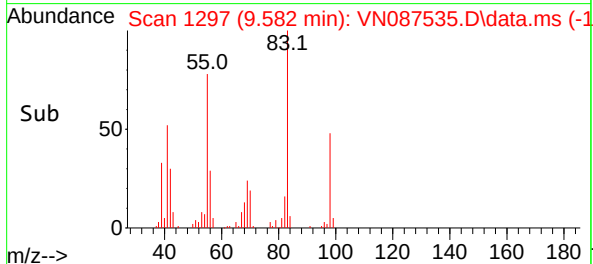
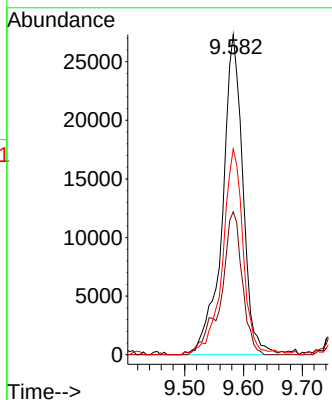
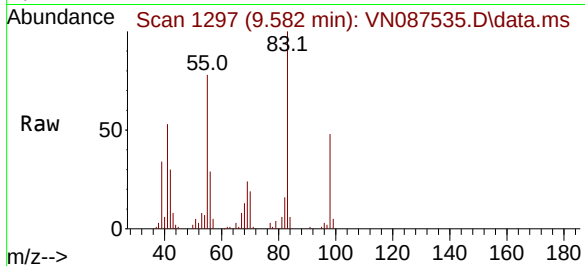




#48
Methyl methacrylate
Concen: 14.751 ug/l
RT: 9.582 min Scan# 1297
Delta R.T. -0.082 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

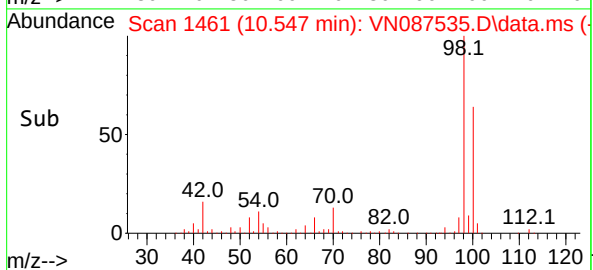
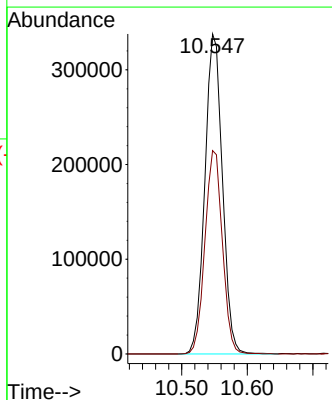
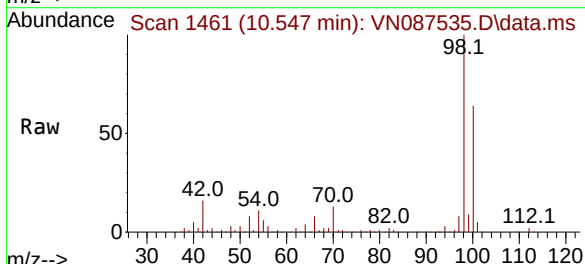
Instrument :
MSVOA_N
ClientSampleId :

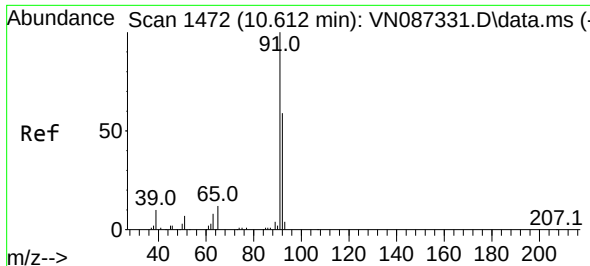
Tgt Ion: 41 Resp: 66199
Ion Ratio Lower Upper
41 100
69 46.3 64.1 96.1#
39 64.3 45.5 68.3



#50
Toluene-d8
Concen: 52.319 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 98 Resp: 628105
Ion Ratio Lower Upper
98 100
100 63.2 52.1 78.1

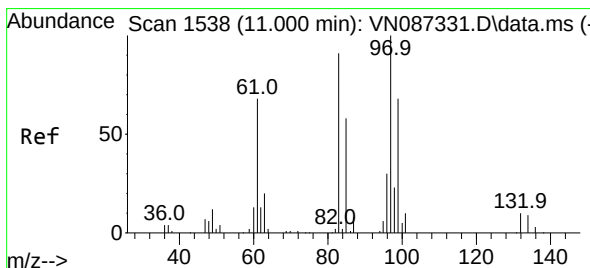
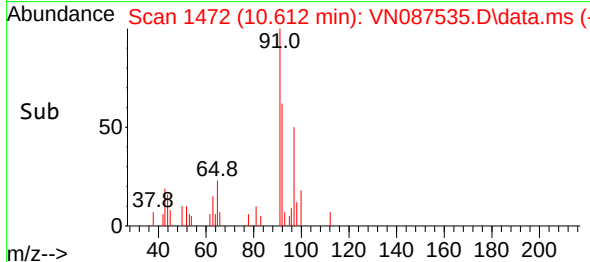
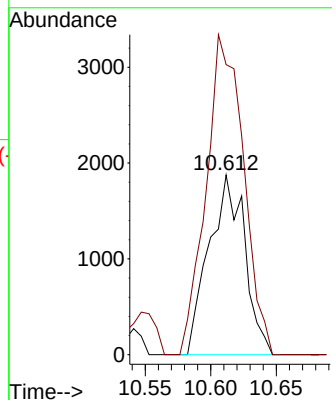
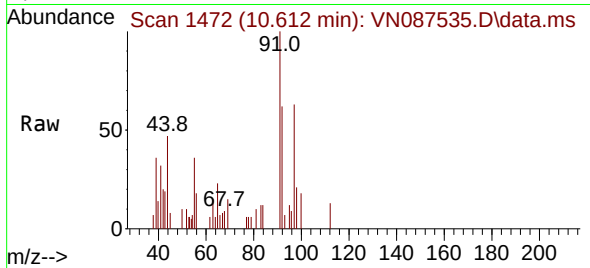




#52
Toluene
Concen: 0.406 ug/l
RT: 10.612 min Scan# 1472
Delta R.T. -0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

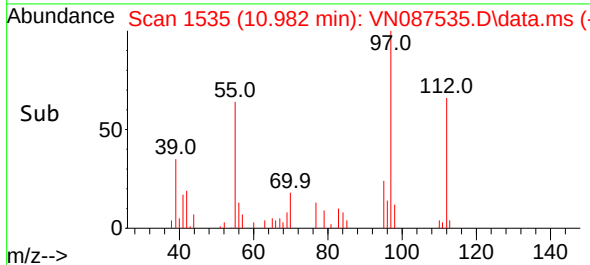
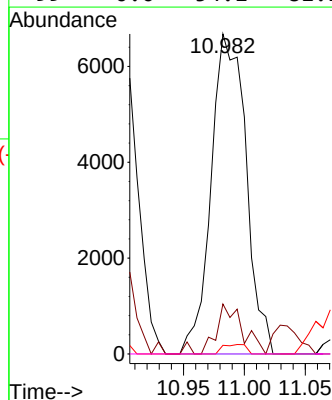
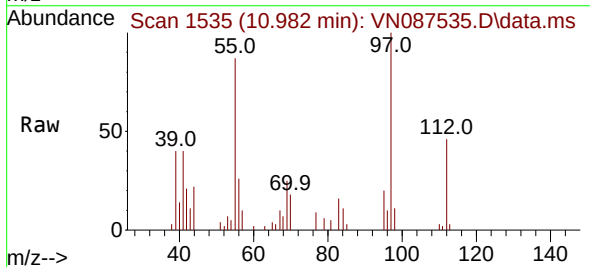
Instrument :
MSVOA_N
ClientSampleId :

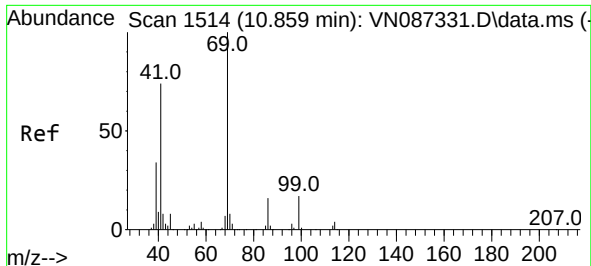
Tgt Ion: 92 Resp: 3549
Ion Ratio Lower Upper
92 100
91 186.8 135.1 202.7



#55
1,1,2-Trichloroethane
Concen: 3.757 ug/l
RT: 10.982 min Scan# 1535
Delta R.T. -0.018 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

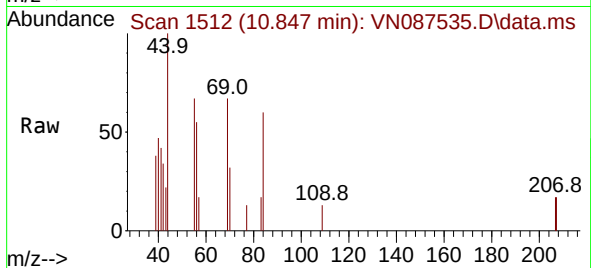
Tgt Ion: 97 Resp: 13288
Ion Ratio Lower Upper
97 100
83 15.6 72.6 109.0#
85 2.7 46.7 70.1#
99 0.0 54.1 81.1#



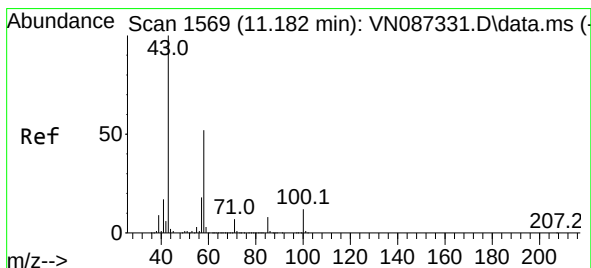
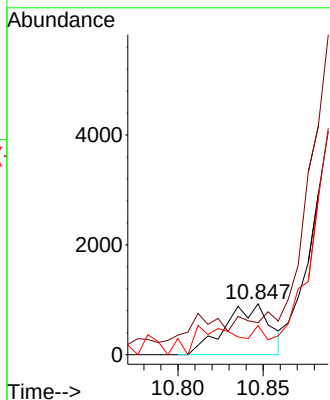
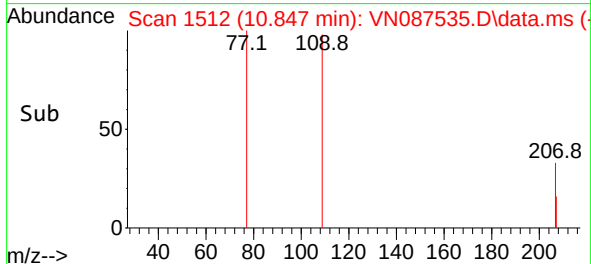


#56
Ethyl methacrylate
Concen: 0.927 ug/l
RT: 10.847 min Scan# 1512
Delta R.T. -0.012 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

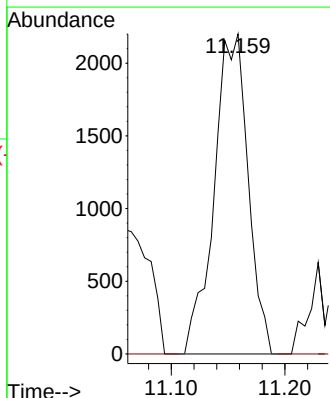
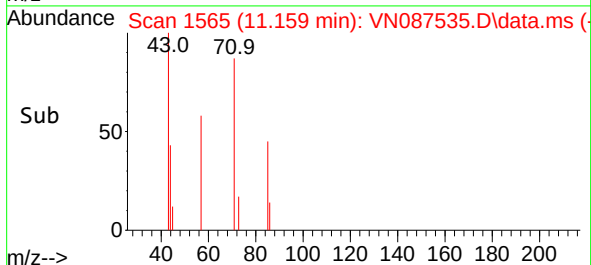
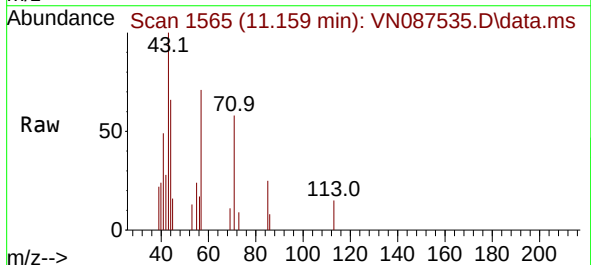


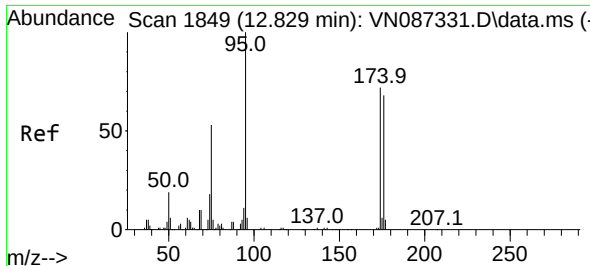
Tgt Ion: 69 Resp: 1702
Ion Ratio Lower Upper
69 100
41 0.0 55.1 82.7#
39 0.0 27.9 41.9#



#59
2-Hexanone
Concen: 1.092 ug/l
RT: 11.159 min Scan# 1565
Delta R.T. -0.023 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 43 Resp: 4568
Ion Ratio Lower Upper
43 100
58 0.0 26.7 80.0#

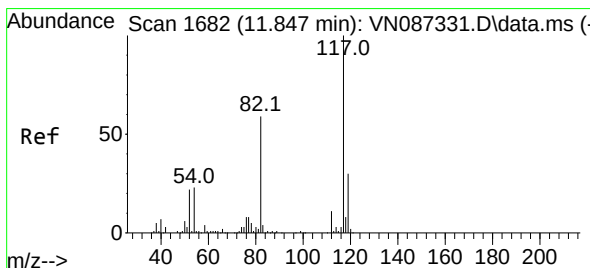
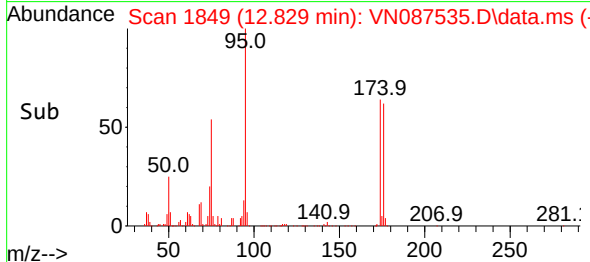
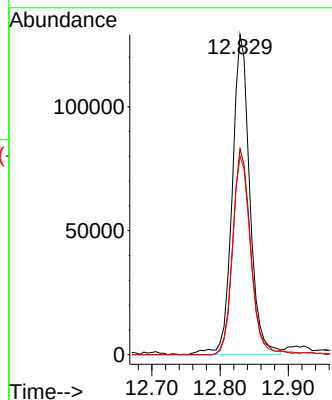
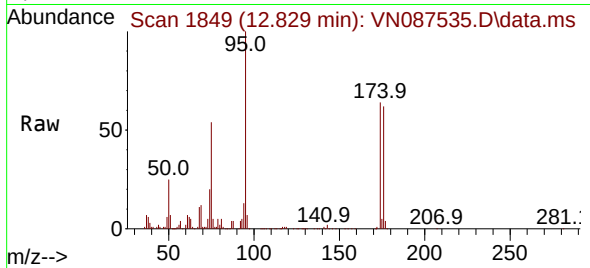




#62
4-Bromofluorobenzene
Concen: 52.148 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

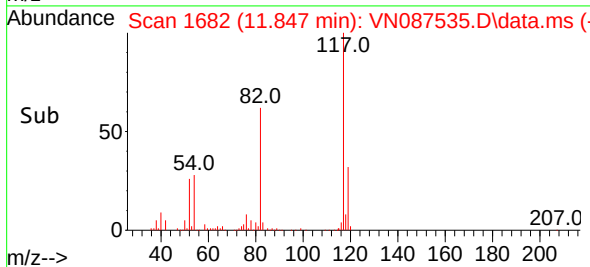
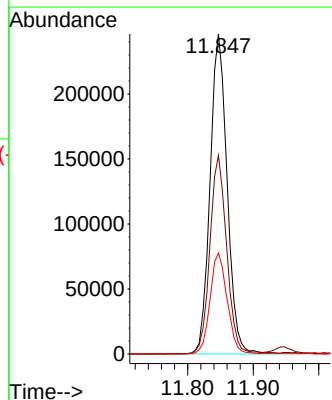
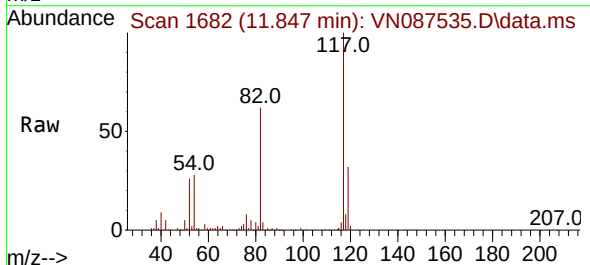
Instrument :
MSVOA_N
ClientSampleId :

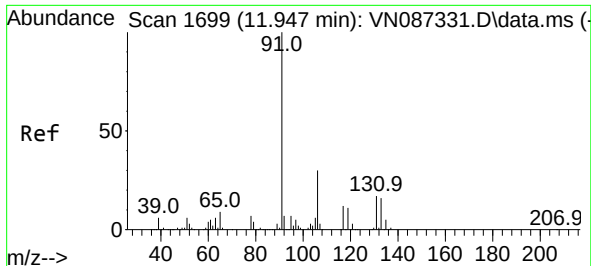
Tgt Ion: 95 Resp: 231298
Ion Ratio Lower Upper
95 100
174 65.9 0.0 149.4
176 64.1 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 117 Resp: 444655
Ion Ratio Lower Upper
117 100
82 61.9 47.4 71.2
119 31.5 23.8 35.8





#67

Ethyl Benzene

Concen: 1.405 ug/l

RT: 11.941 min Scan# 1699

Delta R.T. -0.006 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

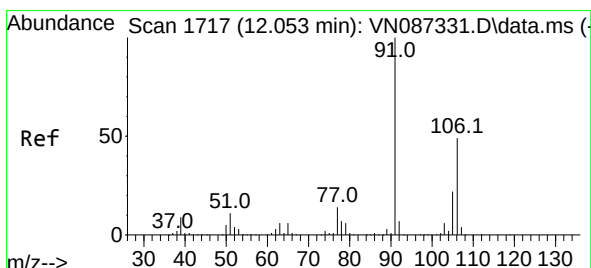
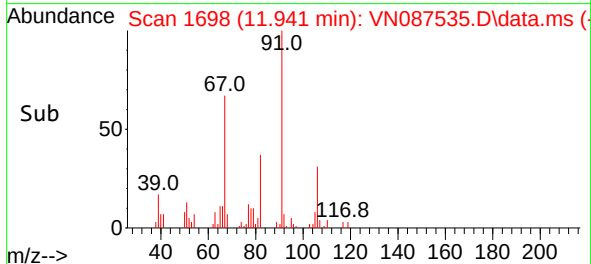
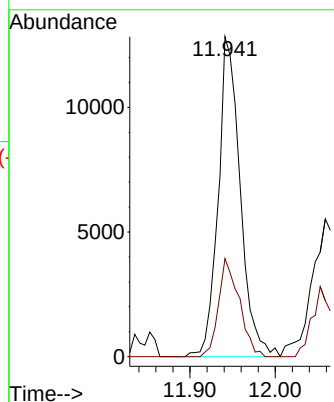
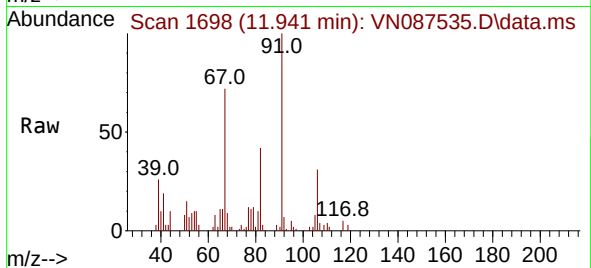
ClientSampleId :

Tgt Ion: 91 Resp: 23096

Ion Ratio Lower Upper

91 100

106 30.6 24.3 36.5



#68

m/p-Xylenes

Concen: 0.821 ug/l

RT: 12.053 min Scan# 1717

Delta R.T. 0.000 min

Lab File: VN087535.D

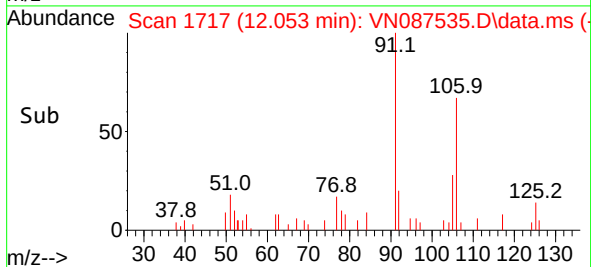
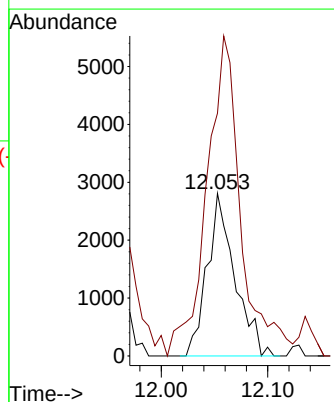
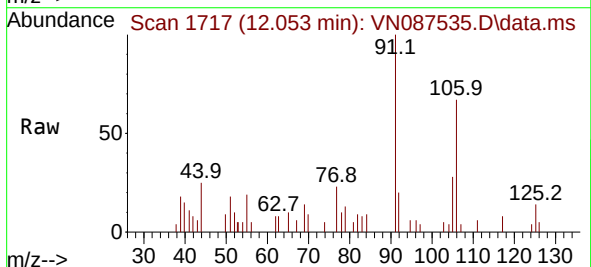
Acq: 13 Aug 2025 15:14

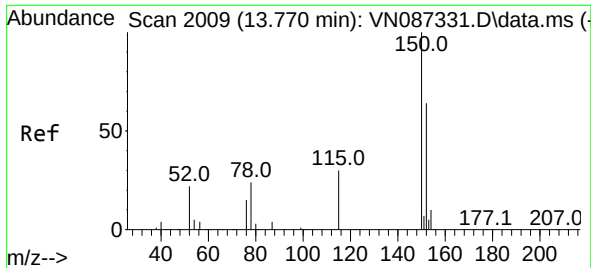
Tgt Ion:106 Resp: 5052

Ion Ratio Lower Upper

106 100

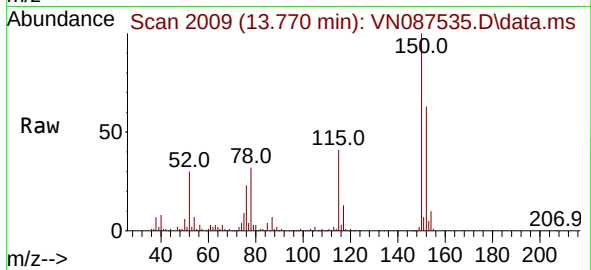
91 241.9 162.0 243.0



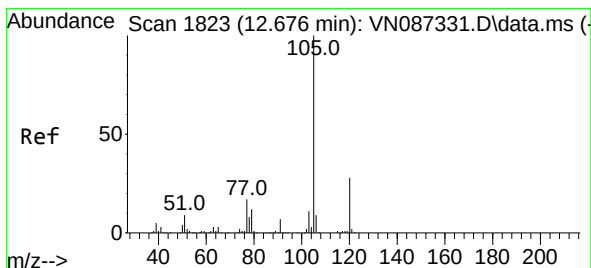
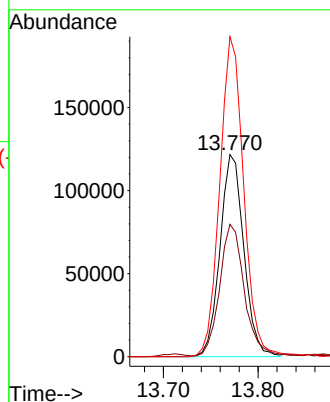
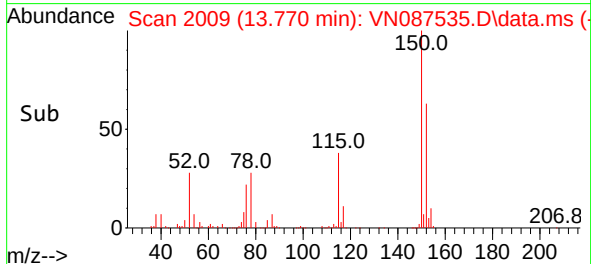


#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.770 min Scan# 2009
 Delta R.T. 0.000 min
 Lab File: VN087535.D
 Acq: 13 Aug 2025 15:14

Instrument :
 MSVOA_N
 ClientSampleId :

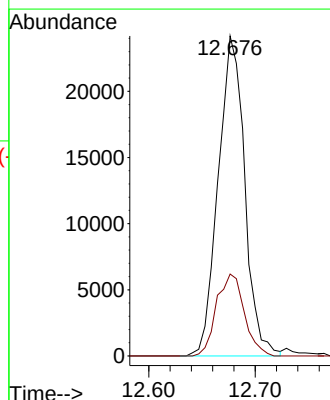
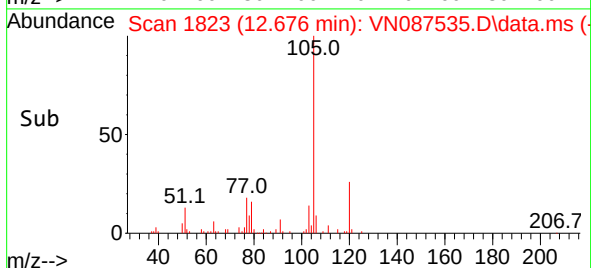
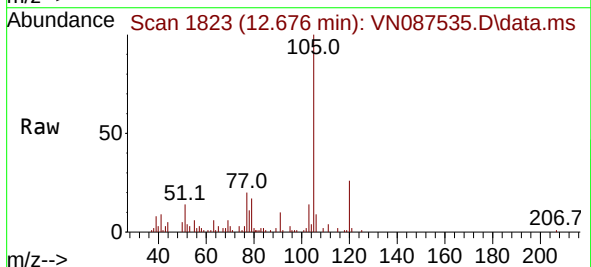


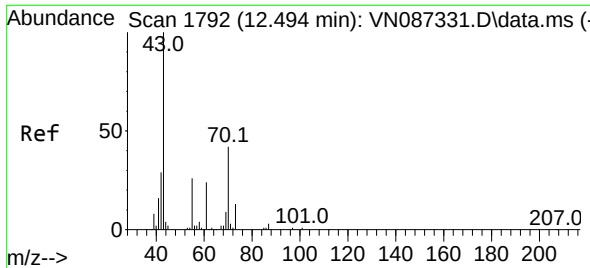
Tgt Ion:152 Resp: 213040
 Ion Ratio Lower Upper
 152 100
 115 67.2 31.1 93.5
 150 159.4 0.0 349.0



#73
 Isopropylbenzene
 Concen: 3.113 ug/l
 RT: 12.676 min Scan# 1823
 Delta R.T. 0.000 min
 Lab File: VN087535.D
 Acq: 13 Aug 2025 15:14

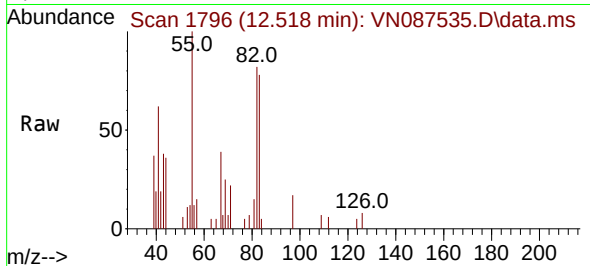
Tgt Ion:105 Resp: 41734
 Ion Ratio Lower Upper
 105 100
 120 26.8 13.4 40.1



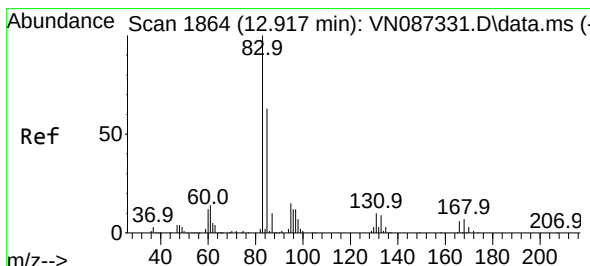
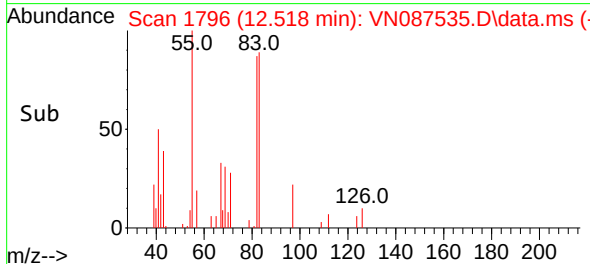
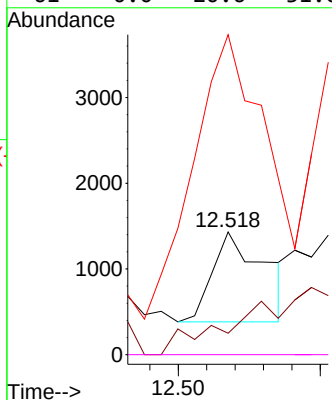


#74
N-amy1 acetate
Concen: 0.238 ug/l
RT: 12.518 min Scan# 1796
Delta R.T. 0.024 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

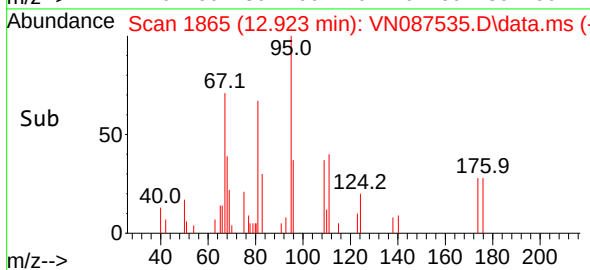
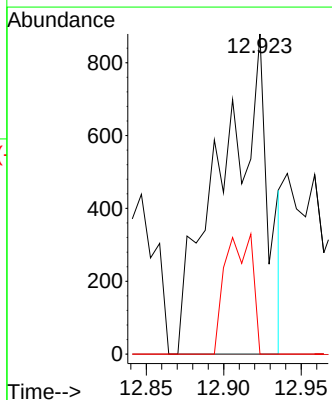
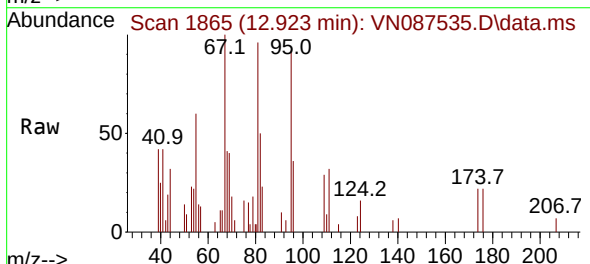


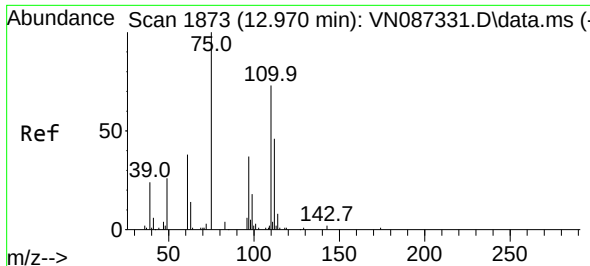
Tgt Ion: 43 Resp: 1328
Ion Ratio Lower Upper
43 100
70 0.0 37.6 56.4#
55 453.7 19.6 29.4#
61 0.0 20.6 31.0#



#75
1,1,2,2-Tetrachloroethane
Concen: 0.369 ug/l
RT: 12.923 min Scan# 1865
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 83 Resp: 1863
Ion Ratio Lower Upper
83 100
131 0.0 5.1 15.3#
85 21.5 32.5 97.4#

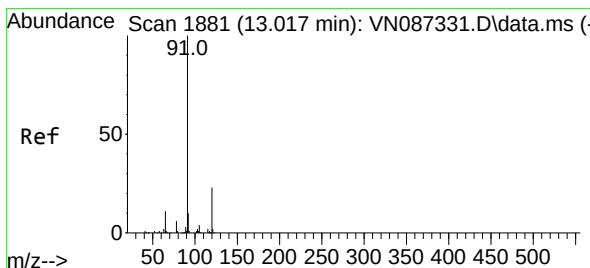
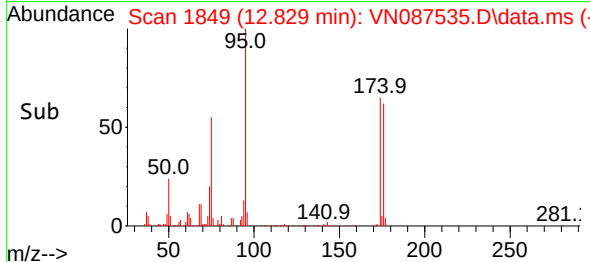
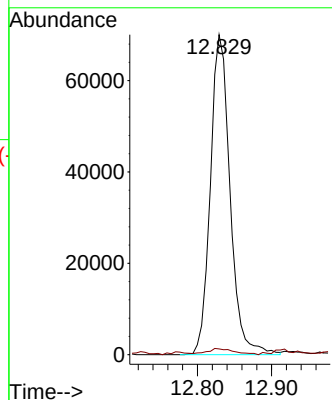
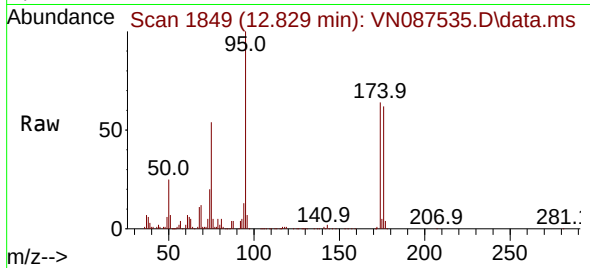




#76
1,2,3-Trichloropropane
Concen: 27.069 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

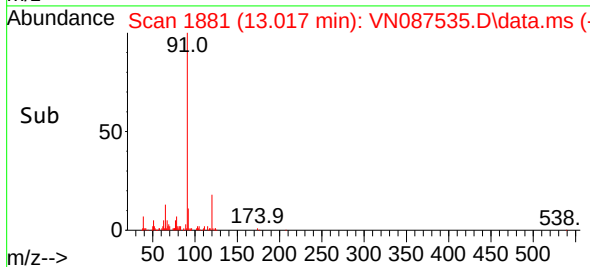
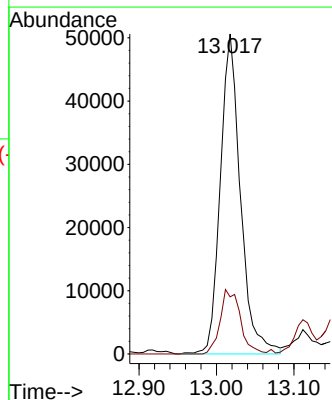
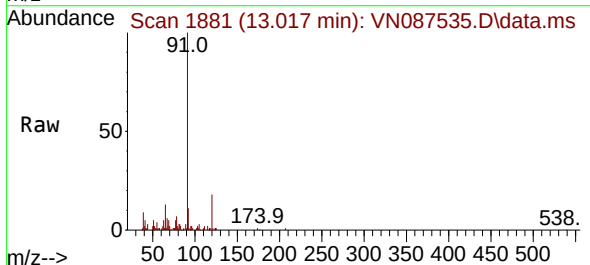
Instrument :
MSVOA_N
ClientSampleId :

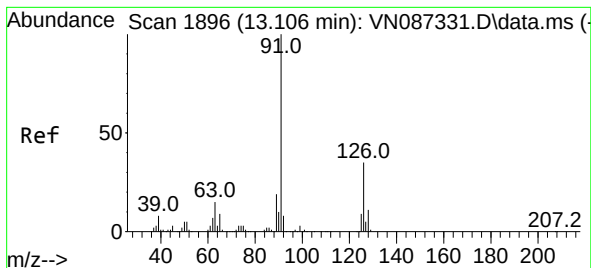
Tgt Ion: 75 Resp: 129316
Ion Ratio Lower Upper
75 100
77 2.7 94.5 283.6#



#78
n-propylbenzene
Concen: 5.427 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 91 Resp: 91547
Ion Ratio Lower Upper
91 100
120 20.1 11.3 33.8





#79

2-Chlorotoluene

Concen: 0.577 ug/l

RT: 13.112 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

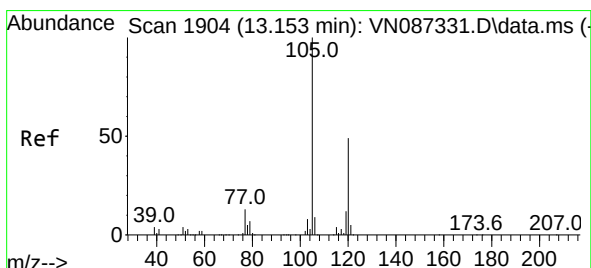
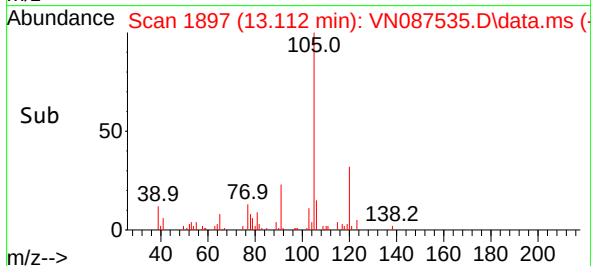
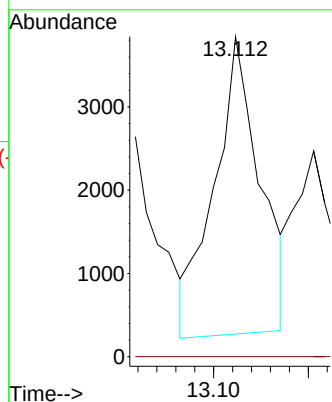
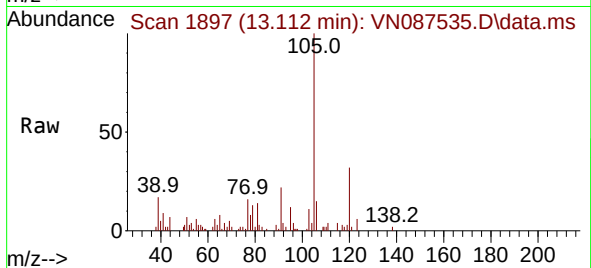
ClientSampleId :

Tgt Ion: 91 Resp: 5981

Ion Ratio Lower Upper

91 100

126 0.0 16.9 50.6#



#80

1,3,5-Trimethylbenzene

Concen: 1.805 ug/l

RT: 13.153 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VN087535.D

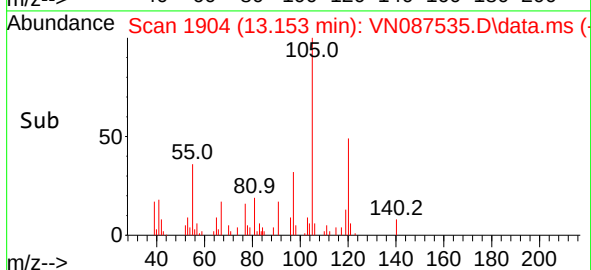
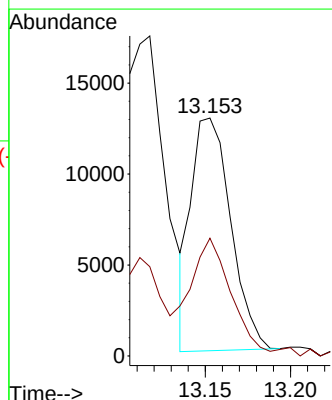
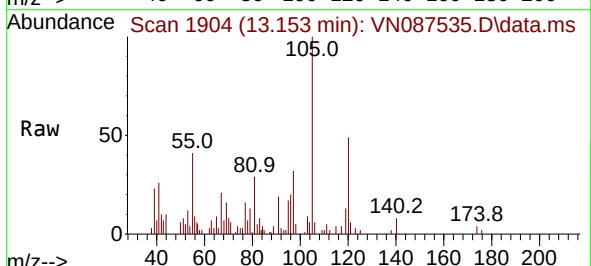
Acq: 13 Aug 2025 15:14

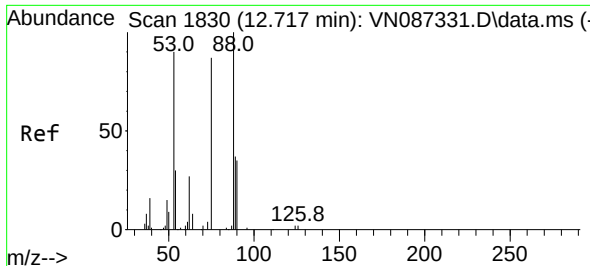
Tgt Ion:105 Resp: 20619

Ion Ratio Lower Upper

105 100

120 54.8 24.3 72.8

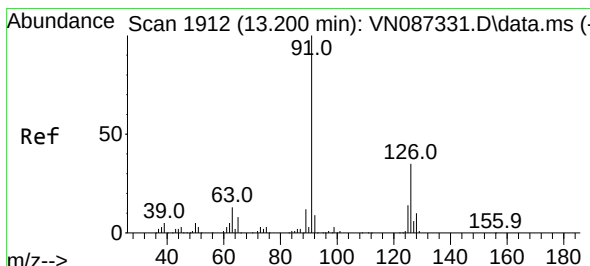
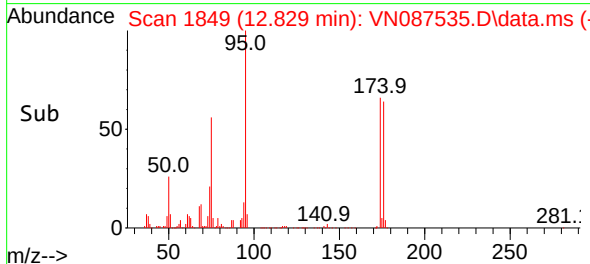
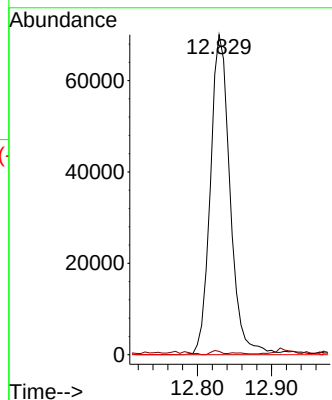
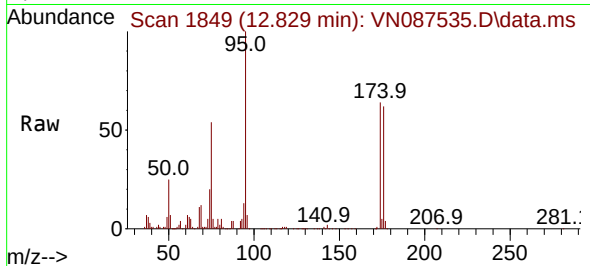




#81
trans-1,4-Dichloro-2-butene
Concen: 74.065 ug/l
RT: 12.829 min Scan# 11
Delta R.T. 0.112 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

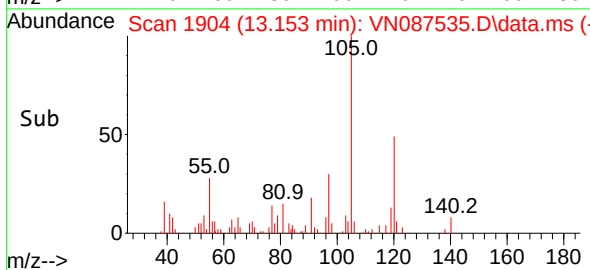
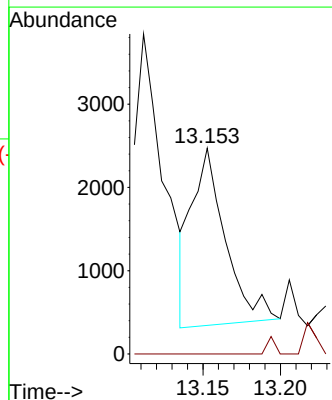
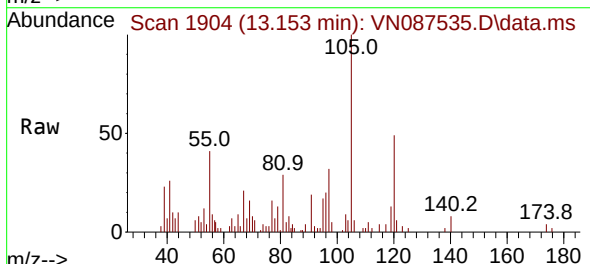
Instrument :
MSVOA_N
ClientSampleId :

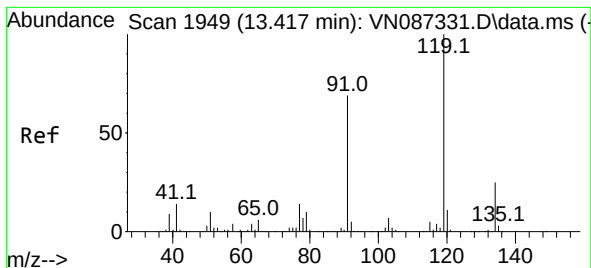
Tgt Ion: 75 Resp: 129316
Ion Ratio Lower Upper
75 100
53 0.7 83.5 125.3#
89 0.0 38.4 57.6#



#82
4-Chlorotoluene
Concen: 0.299 ug/l
RT: 13.153 min Scan# 1904
Delta R.T. -0.047 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 91 Resp: 3224
Ion Ratio Lower Upper
91 100
126 0.0 16.6 49.7#





#83

tert-Butylbenzene

Concen: 1.153 ug/l

RT: 13.423 min Scan# 1949

Delta R.T. 0.006 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

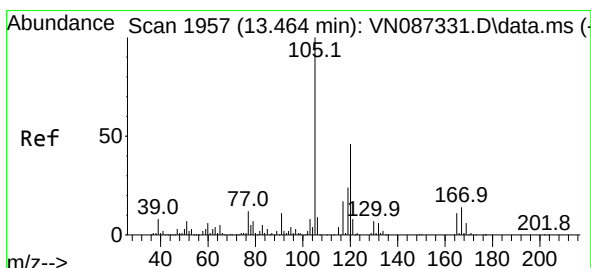
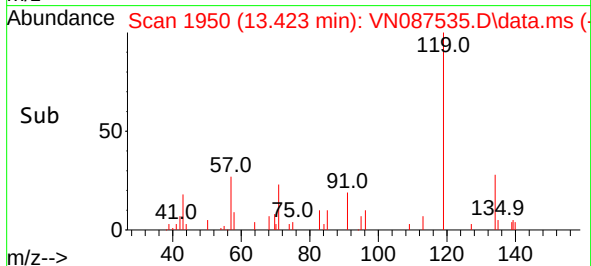
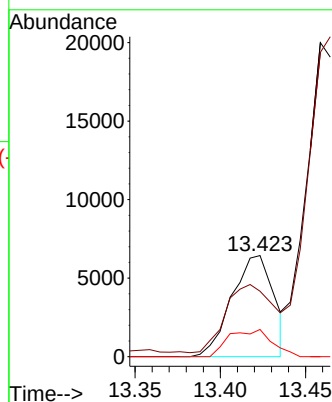
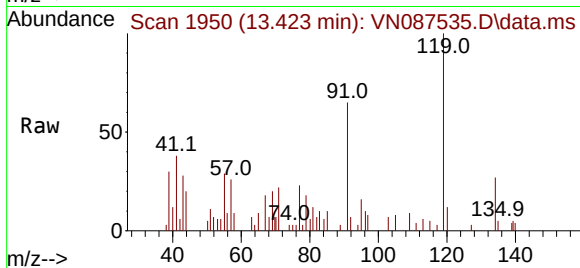
Tgt Ion:119 Resp: 11001

Ion Ratio Lower Upper

119 100

91 80.2 35.0 105.1

134 27.7 12.6 37.6



#84

1,2,4-Trimethylbenzene

Concen: 24.411 ug/l

RT: 13.459 min Scan# 1956

Delta R.T. -0.006 min

Lab File: VN087535.D

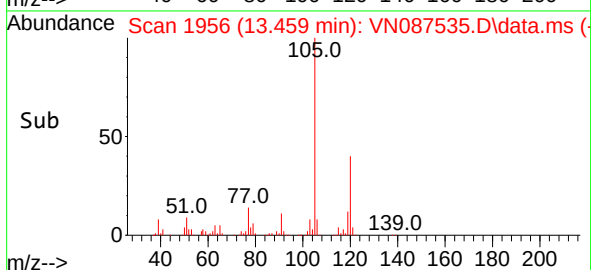
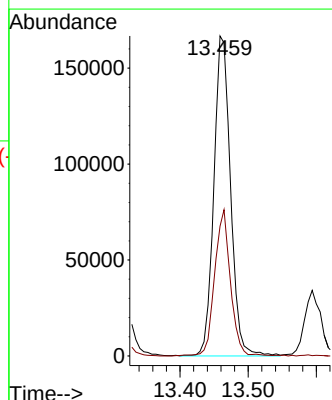
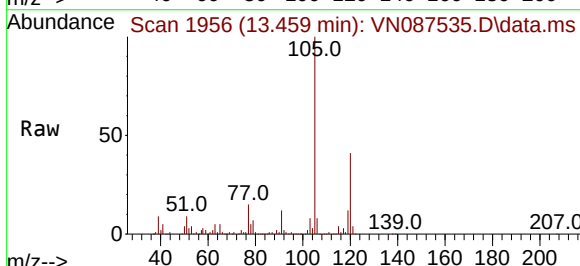
Acq: 13 Aug 2025 15:14

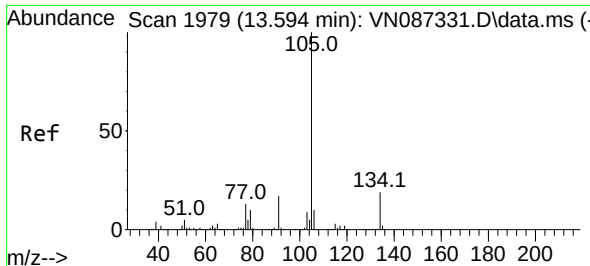
Tgt Ion:105 Resp: 284789

Ion Ratio Lower Upper

105 100

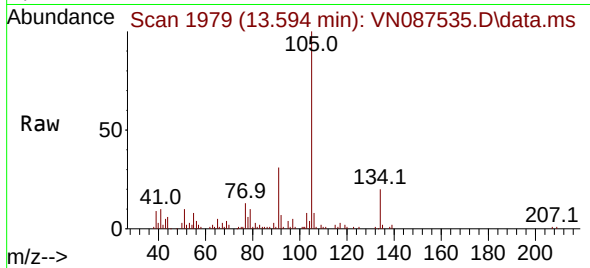
120 43.3 22.8 68.3



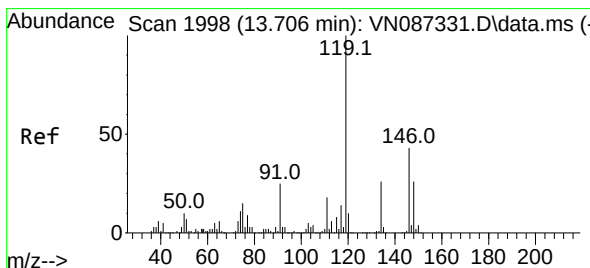
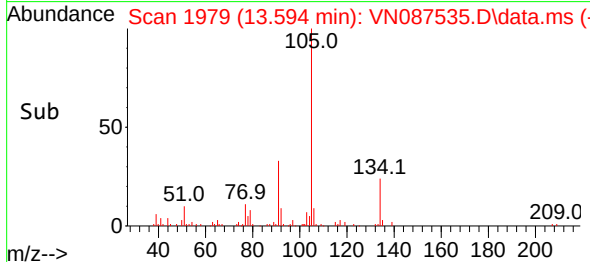
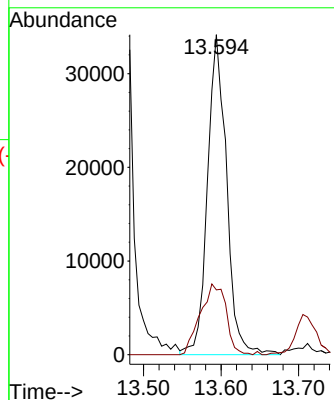


#85
sec-Butylbenzene
Concen: 4.070 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. 0.000 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Instrument :
MSVOA_N
ClientSampleId :

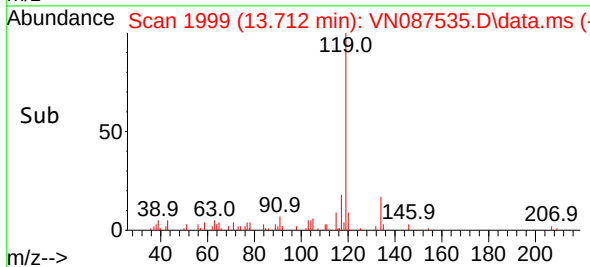
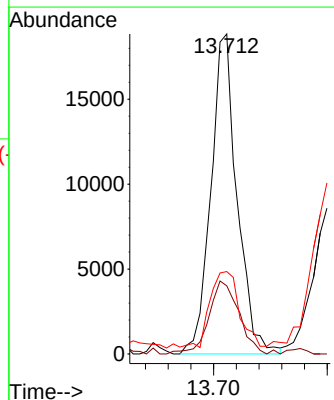
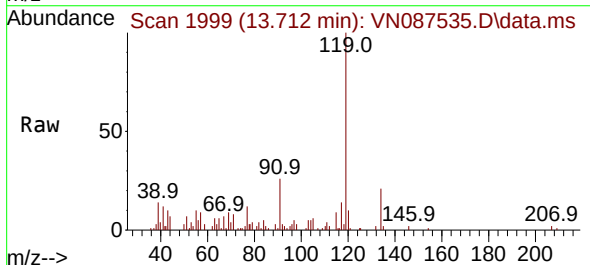


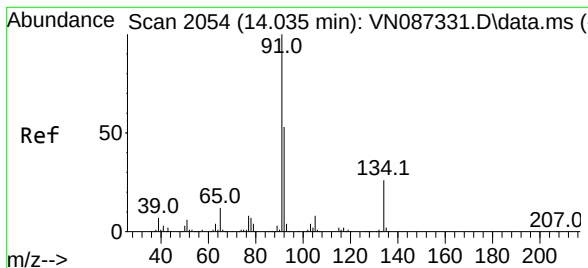
Tgt Ion:105 Resp: 58488
Ion Ratio Lower Upper
105 100
134 29.8 9.8 29.4#



#86
p-Isopropyltoluene
Concen: 2.625 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion:119 Resp: 30231
Ion Ratio Lower Upper
119 100
134 26.0 13.5 40.5
91 27.3 12.2 36.6





#89

n-Butylbenzene

Concen: 5.025 ug/l

RT: 14.035 min Scan# 20

Delta R.T. 0.000 min

Lab File: VN087535.D

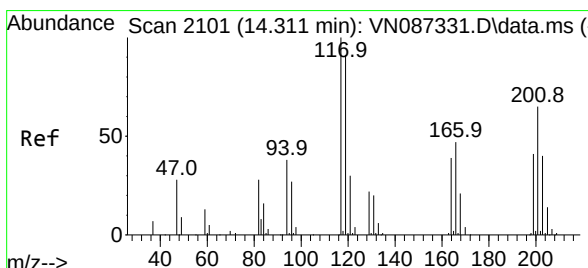
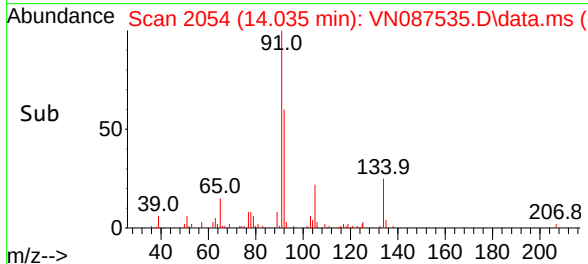
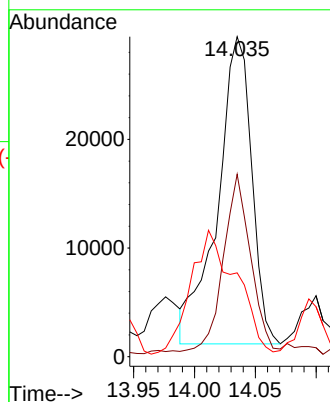
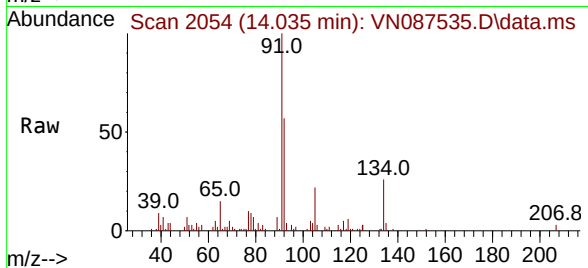
Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	91	Resp:	55263
Ion	Ratio	Lower	Upper
91	100		
92	45.5	26.2	78.6
134	0.0	12.4	37.2#



#90

Hexachloroethane

Concen: 7.162 ug/l

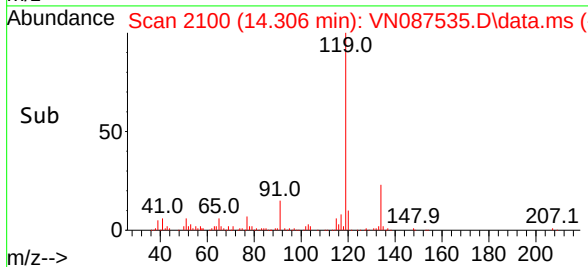
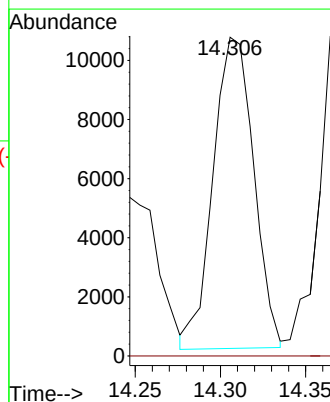
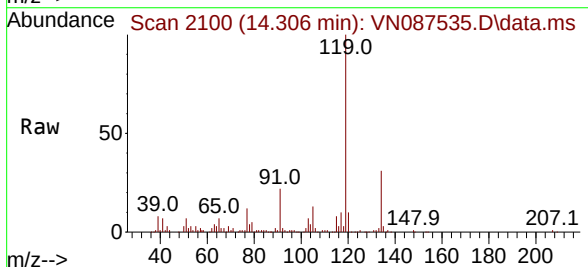
RT: 14.306 min Scan# 2100

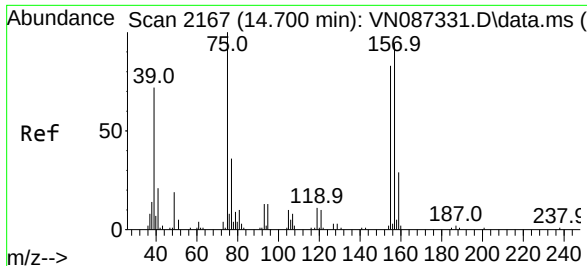
Delta R.T. -0.006 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Tgt Ion:	117	Resp:	17477
Ion	Ratio	Lower	Upper
117	100		
201	0.0	32.8	98.4#

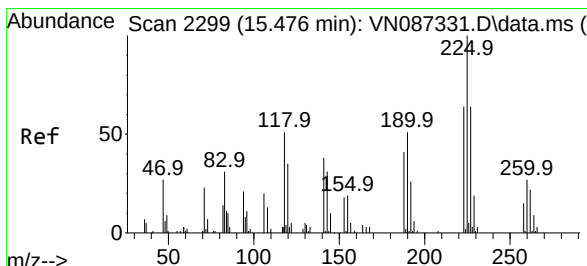
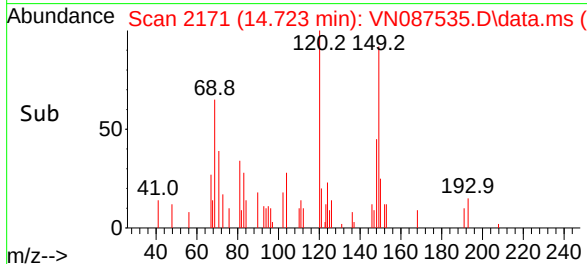
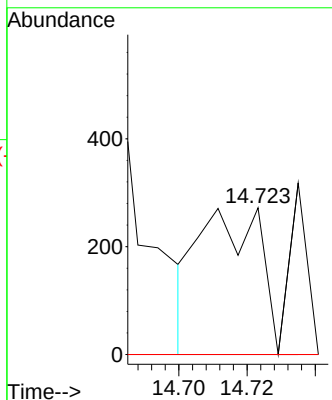
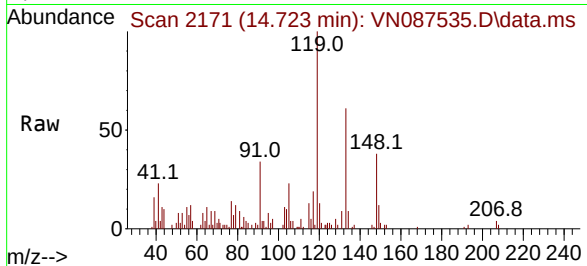




#92
1,2-Dibromo-3-Chloropropane
Concen: 0.251 ug/l
RT: 14.723 min Scan# 2167
Delta R.T. 0.024 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

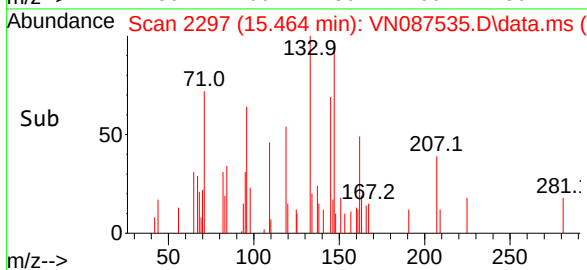
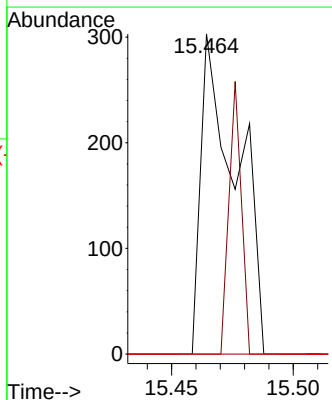
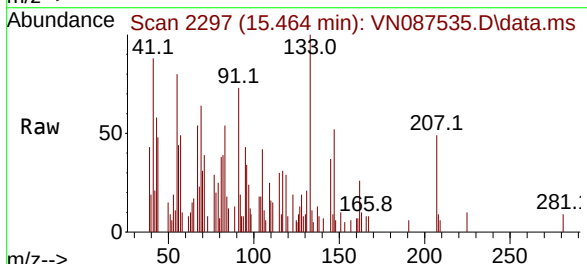
Instrument :
MSVOA_N
ClientSampleId :

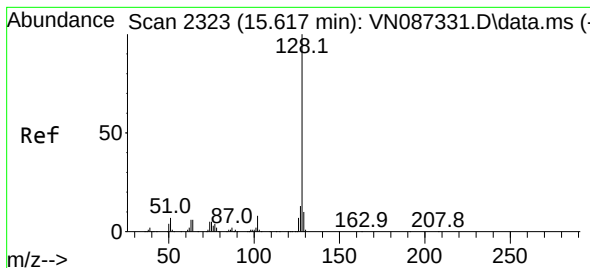
Tgt Ion: 75 Resp: 333
Ion Ratio Lower Upper
75 100
155 0.0 37.3 111.8#
157 0.0 46.2 138.6#



#94
Hexachlorobutadiene
Concen: 0.218 ug/l
RT: 15.464 min Scan# 2297
Delta R.T. -0.012 min
Lab File: VN087535.D
Acq: 13 Aug 2025 15:14

Tgt Ion: 225 Resp: 308
Ion Ratio Lower Upper
225 100
223 29.5 32.1 96.3#
227 0.0 31.3 93.9#





#95

Naphthalene

Concen: 15.719 ug/l

RT: 15.617 min Scan# 211492

Delta R.T. 0.000 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Instrument :

MSVOA_N

ClientSampleId :

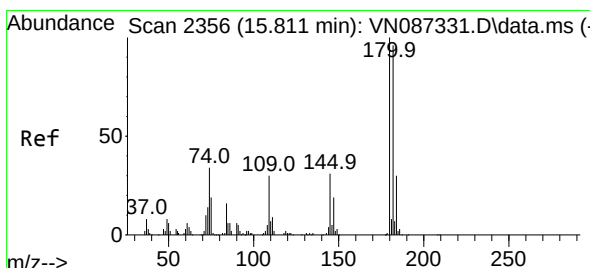
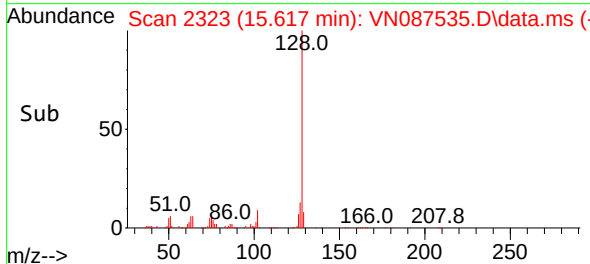
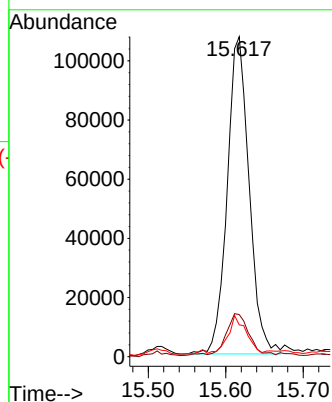
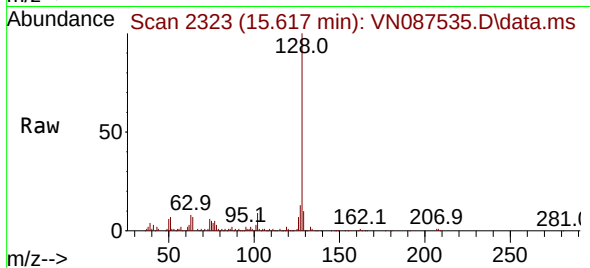
Tgt Ion:128 Resp: 211492

Ion Ratio Lower Upper

128 100

127 13.8 10.5 15.7

129 9.6 8.4 12.6



#96

1,2,3-Trichlorobenzene

Concen: 0.203 ug/l

RT: 15.800 min Scan# 2354

Delta R.T. -0.012 min

Lab File: VN087535.D

Acq: 13 Aug 2025 15:14

Tgt Ion:180 Resp: 774

Ion Ratio Lower Upper

180 100

182 50.1 47.1 141.4

145 1478.6 16.9 50.6#

