

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081525\
 Data File : VN087587.D
 Acq On : 15 Aug 2025 17:07
 Operator : JC\MD
 Sample : Q2844-09
 Misc : 1.00g/10mL/100uL/5.00mL/MSVOA_N/MEOH
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 18 05:47:44 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	241813	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	525401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	459162	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	209623	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	222134	54.139	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 108.280%	
35) Dibromofluoromethane	8.153	113	163208	45.033	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 90.060%	
50) Toluene-d8	10.547	98	609262	47.127	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 94.260%	
62) 4-Bromofluorobenzene	12.829	95	197735	41.399	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 82.800%	

Target Compounds			Qvalue			
10) Methyl Iodide	4.553	142	10703	9.420	ug/l #	78
13) Acrolein	4.177	56	628	1.004	ug/l #	15
16) Acetone	4.430	43	1410	0.733	ug/l #	87
17) Carbon Disulfide	4.665	76	3032	0.370	ug/l #	71
18) Methyl Acetate	5.006	43	2625	0.543	ug/l #	64
20) Methylene Chloride	5.253	84	3104	0.318	ug/l #	70
25) 2-Butanone	7.482	43	638	0.215	ug/l #	51
31) Cyclohexane	8.194	56	34184	6.777	ug/l #	67
36) 1,1-Dichloropropene	8.200	75	24897	5.200	ug/l #	46
38) Carbon Tetrachloride	8.200	117	26957	5.111	ug/l #	15
39) Methylcyclohexane	9.576	83	31929	6.159	ug/l	87
43) Isopropyl Acetate	8.677	43	20702	1.928	ug/l #	56
47) Bromodichloromethane	9.747	83	1407	0.237	ug/l #	25
48) Methyl methacrylate	9.582	41	23879	4.941	ug/l #	68
51) 4-Methyl-2-Pentanone	10.541	43	3916	0.577	ug/l #	1
52) Toluene	10.612	92	3957129	420.688	ug/l	95
53) t-1,3-Dichloropropene	10.612	75	52529	8.752	ug/l #	1
55) 1,1,2-Trichloroethane	10.982	97	3930	1.032	ug/l #	16
56) Ethyl methacrylate	10.841	69	687	0.744	ug/l #	24
64) Tetrachloroethene	11.088	164	1060	0.359	ug/l #	64
67) Ethyl Benzene	11.947	91	354970	20.917	ug/l	98
68) m/p-Xylenes	12.047	106	598096	94.118	ug/l	91
69) o-Xylene	12.376	106	192493	31.711	ug/l	97
70) Styrene	12.382	104	10233	1.002	ug/l #	1
73) Isopropylbenzene	12.670	105	11326	0.858	ug/l	95
74) N-amyl acetate	12.459	43	13270	2.421	ug/l #	58
76) 1,2,3-Trichloropropane	12.829	75	123170	26.203	ug/l #	1
78) n-propylbenzene	13.017	91	28795	1.735	ug/l	92
80) 1,3,5-Trimethylbenzene	13.153	105	23899	2.126	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.829	75	123170	71.695	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.464	105	80546	7.017	ug/l	96
85) sec-Butylbenzene	13.600	105	9204	0.651	ug/l #	67
86) p-Isopropyltoluene	13.711	119	6207	0.548	ug/l	95
89) n-Butylbenzene	14.029	91	14194	1.312	ug/l #	79
90) Hexachloroethane	14.311	117	2841	1.183	ug/l #	17
93) 1,2,4-Trichlorobenzene	15.370	180	959	0.257	ug/l #	1

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

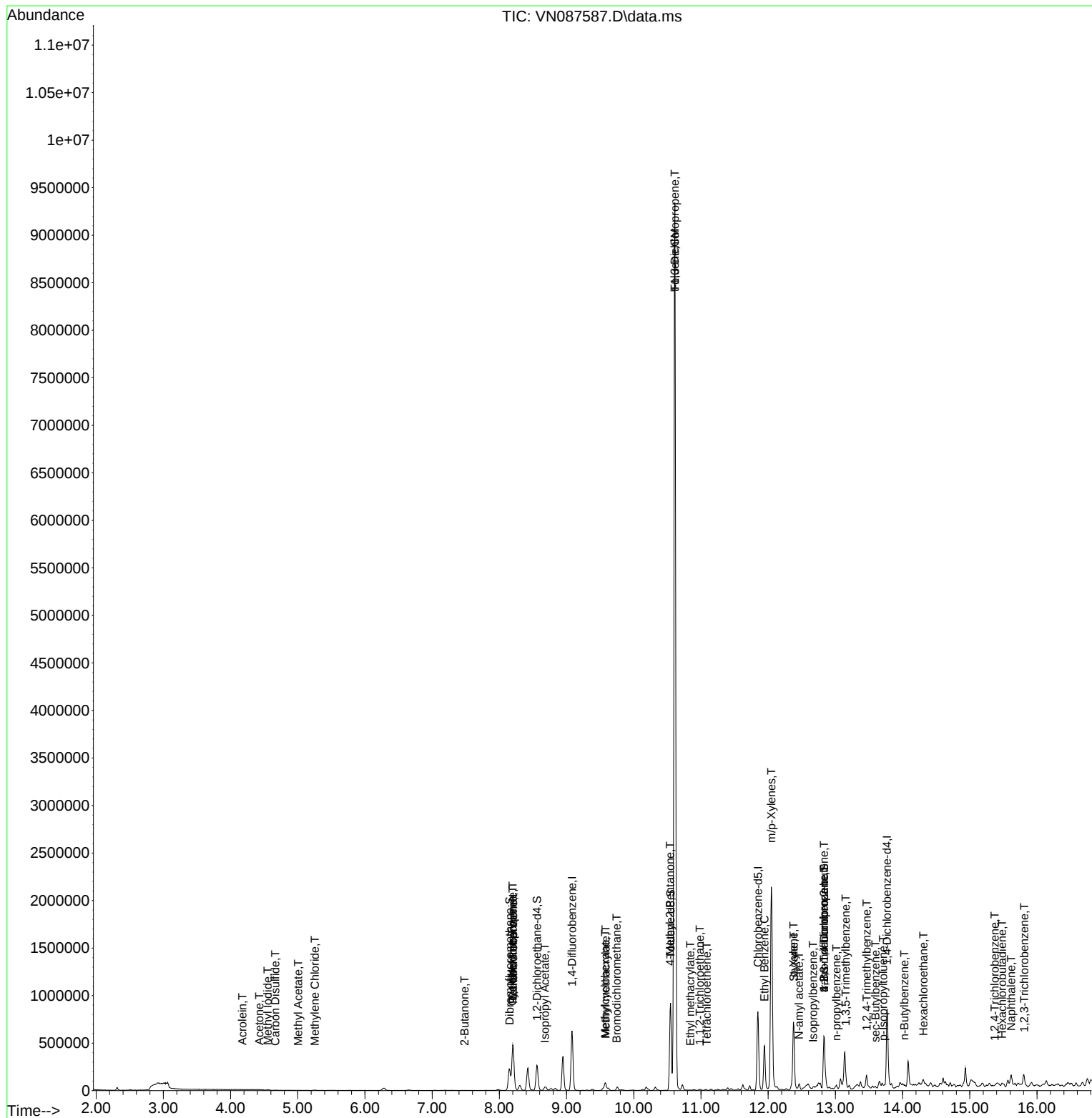
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
94) Hexachlorobutadiene	15.482	225	337	0.243	ug/l #	40
95) Naphthalene	15.617	128	114900	8.679	ug/l	97
96) 1,2,3-Trichlorobenzene	15.811	180	836	0.223	ug/l #	1

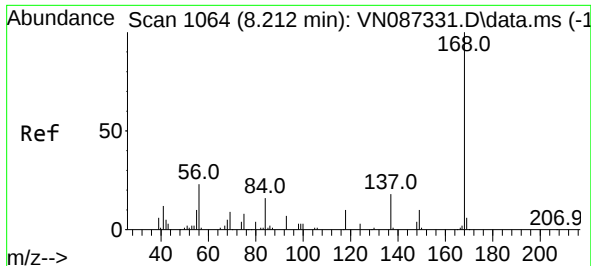
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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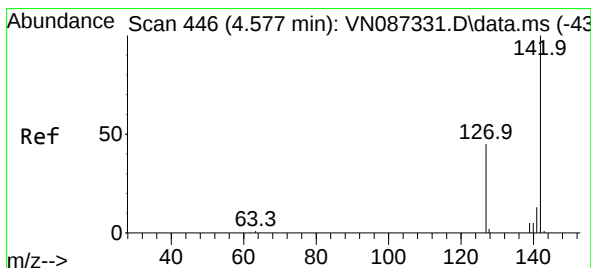
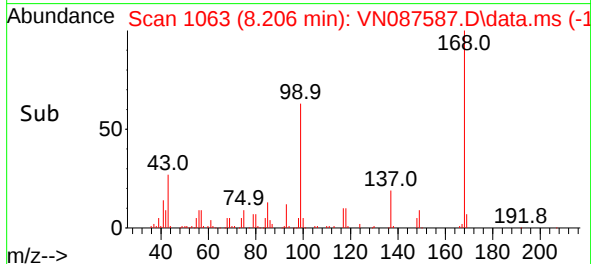
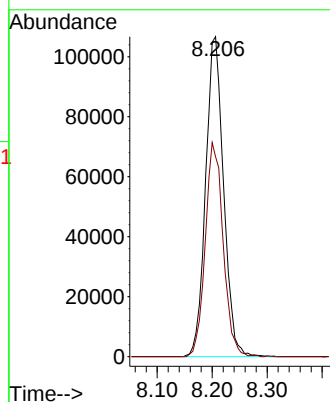
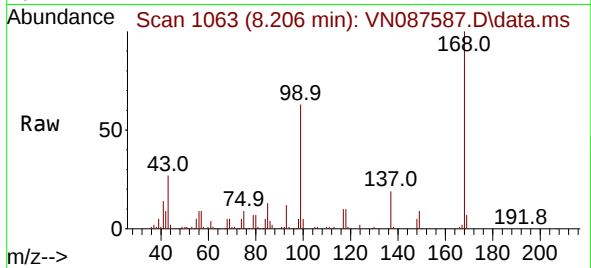




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

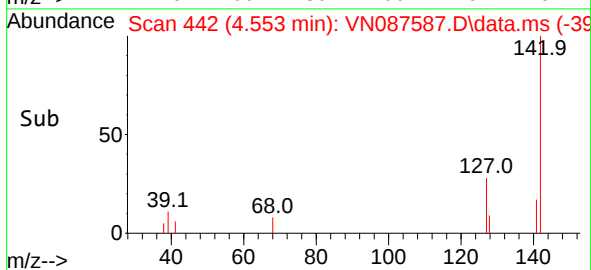
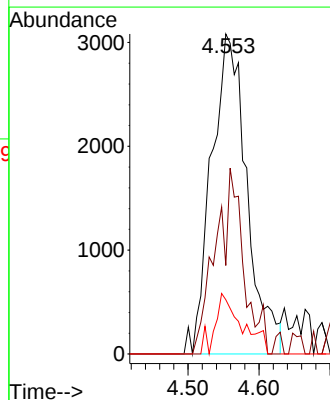
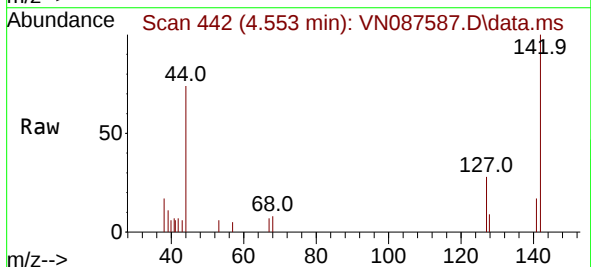
Instrument :
MSVOA_N
ClientSampleId :

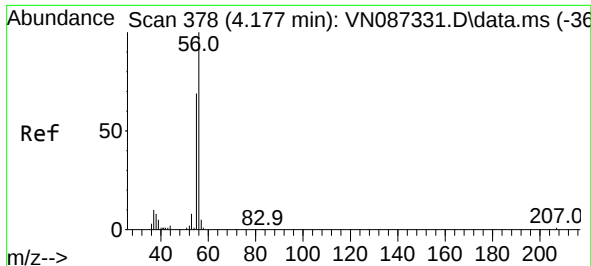
Tgt Ion:168 Resp: 241813
Ion Ratio Lower Upper
168 100
99 62.5 47.9 71.9



#10
Methyl Iodide
Concen: 9.420 ug/l
RT: 4.553 min Scan# 442
Delta R.T. -0.024 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion:142 Resp: 10703
Ion Ratio Lower Upper
142 100
127 27.7 35.7 53.5#
141 17.0 10.4 15.6#

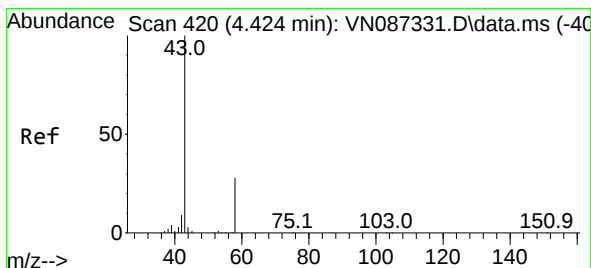
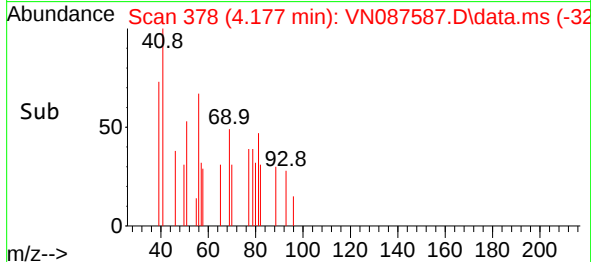
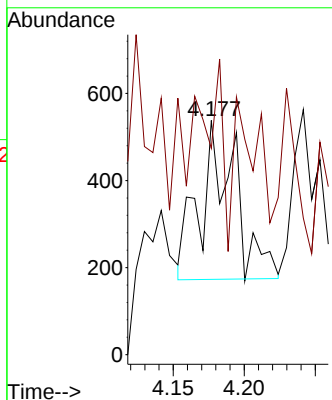
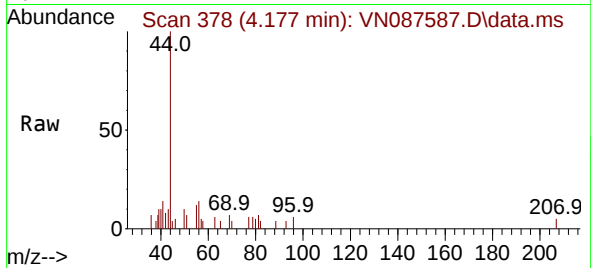




#13
Acrolein
Concen: 1.004 ug/l
RT: 4.177 min Scan# 31
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

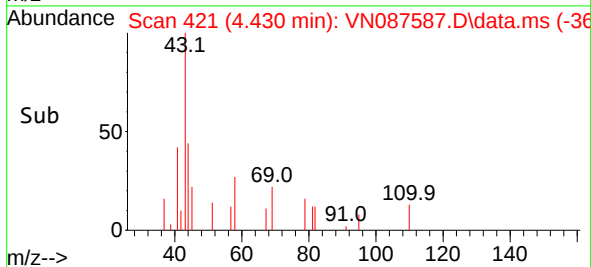
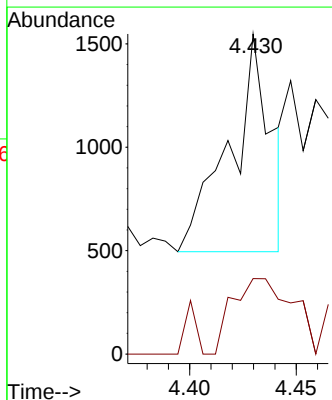
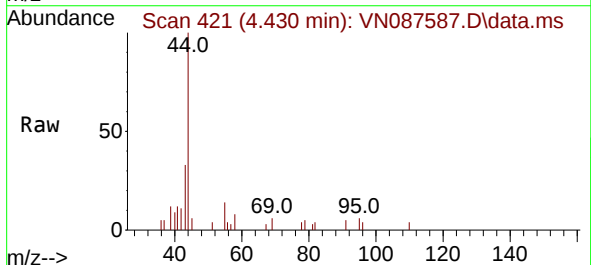
Instrument :
MSVOA_N
ClientSampleId :

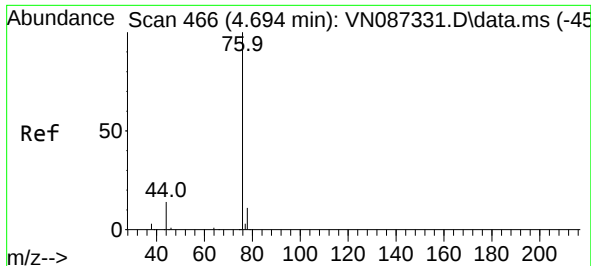
Tgt Ion: 56 Resp: 628
Ion Ratio Lower Upper
56 100
55 0.0 56.2 84.4#



#16
Acetone
Concen: 0.733 ug/l
RT: 4.430 min Scan# 421
Delta R.T. 0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

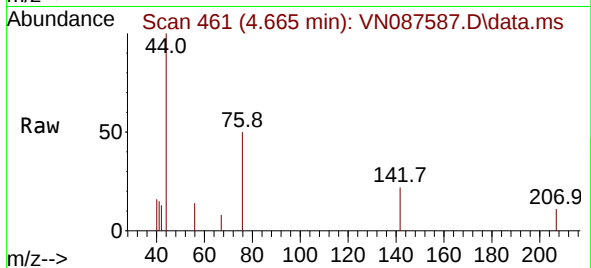
Tgt Ion: 43 Resp: 1410
Ion Ratio Lower Upper
43 100
58 34.7 22.3 33.5#



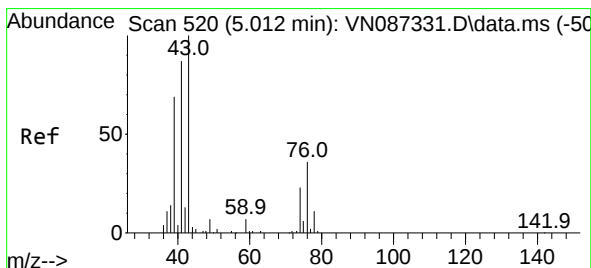
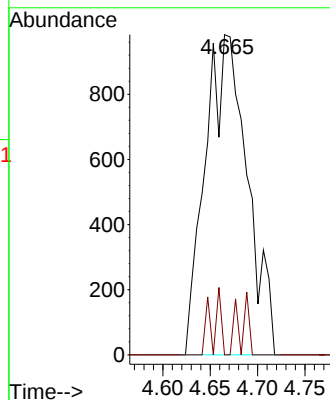
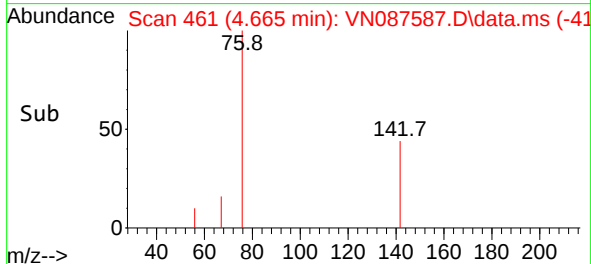


#17
Carbon Disulfide
Concen: 0.370 ug/l
RT: 4.665 min Scan# 41
Delta R.T. -0.029 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :

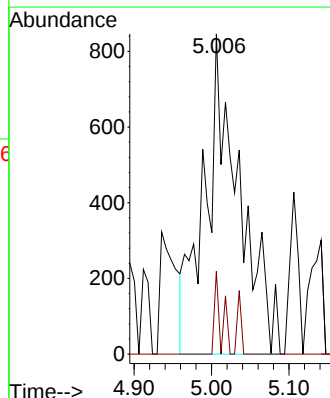
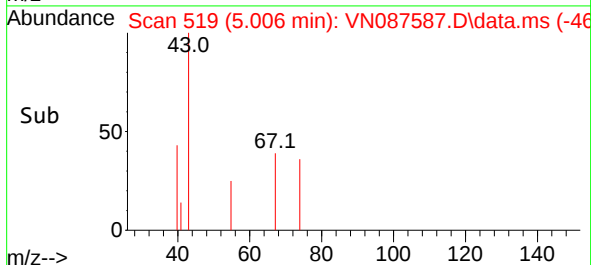
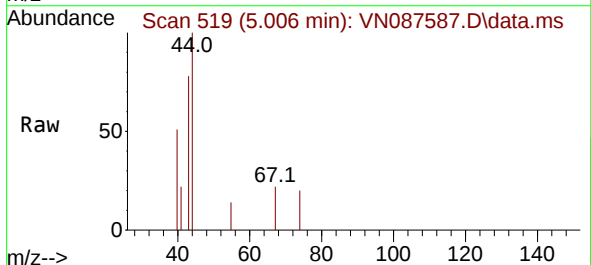


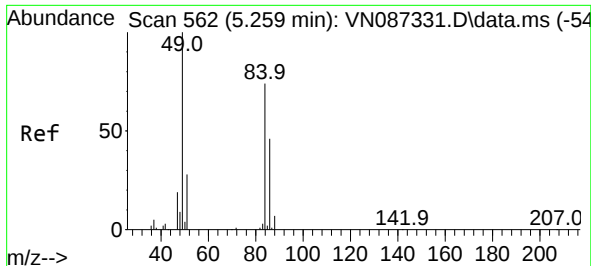
Tgt Ion: 76 Resp: 3032
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0#



#18
Methyl Acetate
Concen: 0.543 ug/l
RT: 5.006 min Scan# 519
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

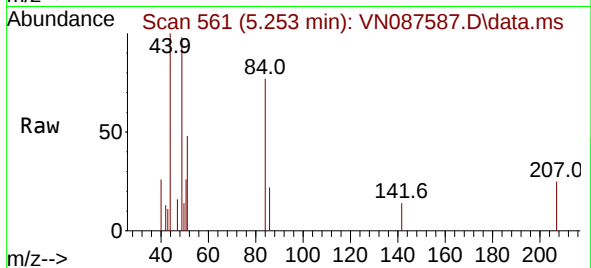
Tgt Ion: 43 Resp: 2625
Ion Ratio Lower Upper
43 100
74 5.0 17.8 26.6#



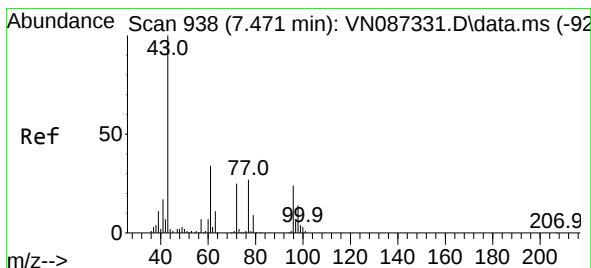
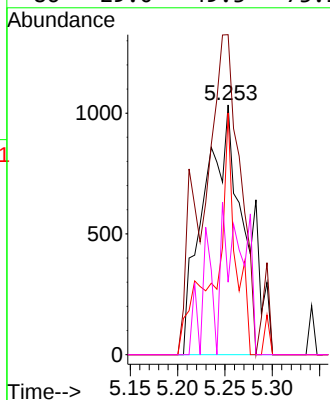
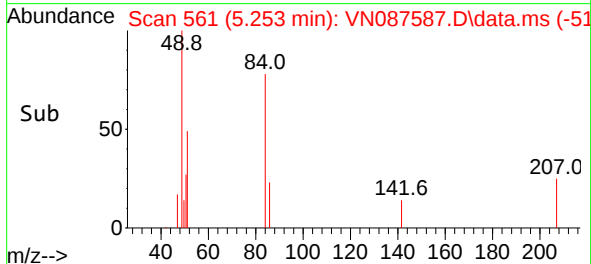


#20
Methylene Chloride
Concen: 0.318 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

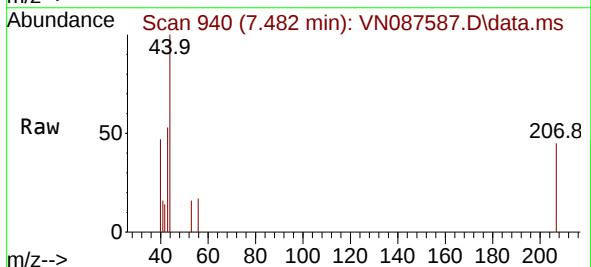
Instrument :
MSVOA_N
ClientSampleId :



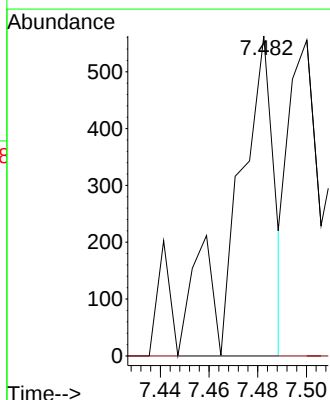
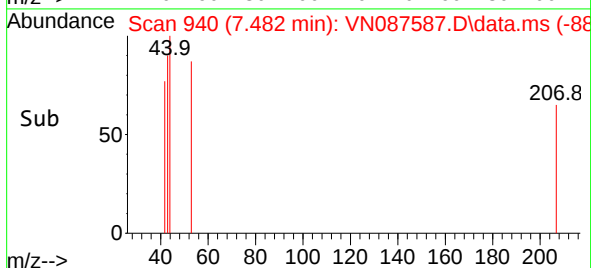
Tgt Ion: 84 Resp: 3104
Ion Ratio Lower Upper
84 100
49 128.1 107.5 161.3
51 96.8 30.2 45.2#
86 29.0 49.3 73.9#

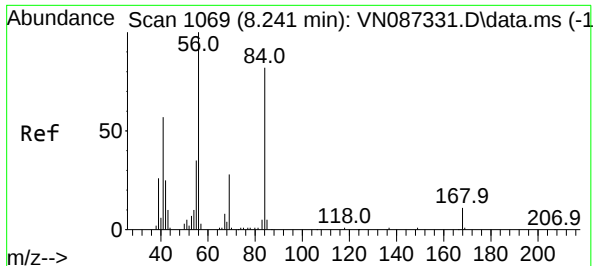


#25
2-Butanone
Concen: 0.215 ug/l
RT: 7.482 min Scan# 940
Delta R.T. 0.012 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07



Tgt Ion: 43 Resp: 638
Ion Ratio Lower Upper
43 100
72 0.0 19.6 29.4#





#31

Cyclohexane

Concen: 6.777 ug/l

RT: 8.194 min Scan# 1061

Delta R.T. -0.047 min

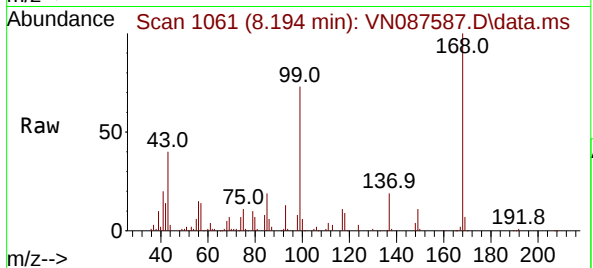
Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

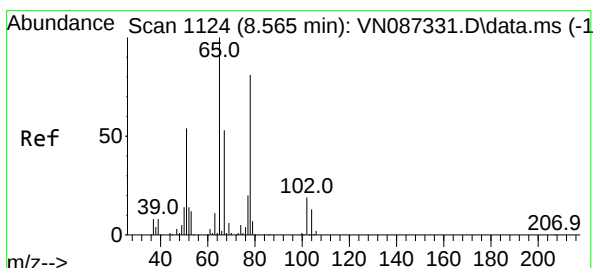
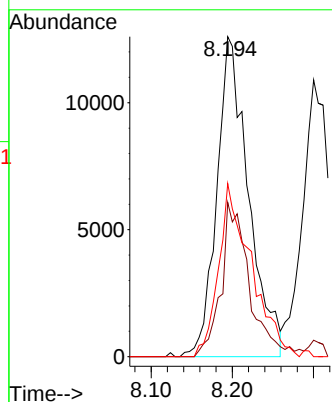
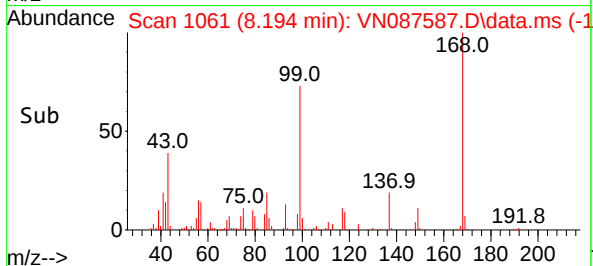
Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion:	56	Resp:	34184
Ion Ratio	100	Lower	Upper
56	100		
69	48.2	22.7	34.1#
84	54.1	65.8	98.6#



#33

1,2-Dichloroethane-d4

Concen: 54.139 ug/l

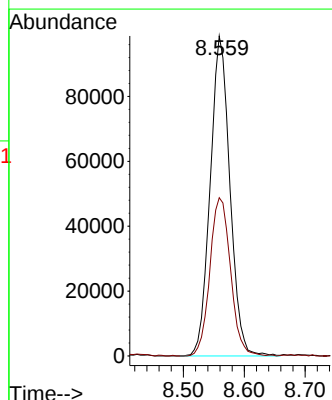
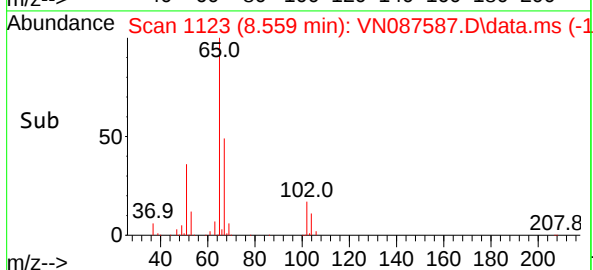
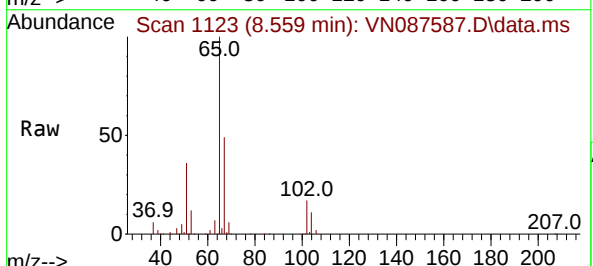
RT: 8.559 min Scan# 1123

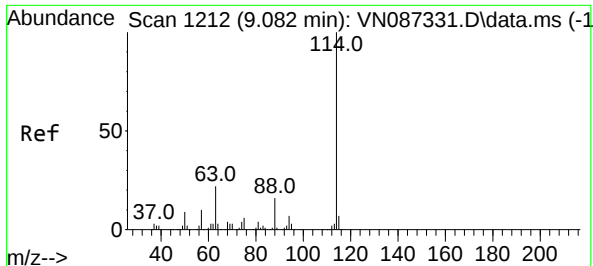
Delta R.T. -0.006 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Tgt Ion:	65	Resp:	222134
Ion Ratio	100	Lower	Upper
65	100		
67	51.8	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: VN087587.D

Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

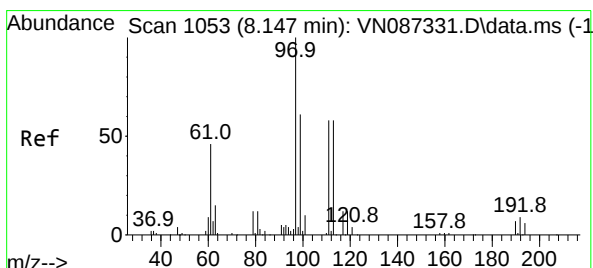
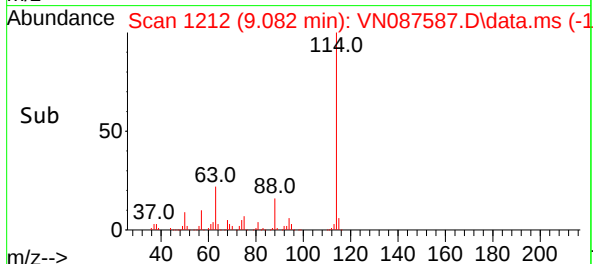
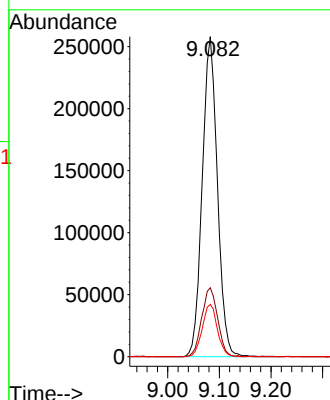
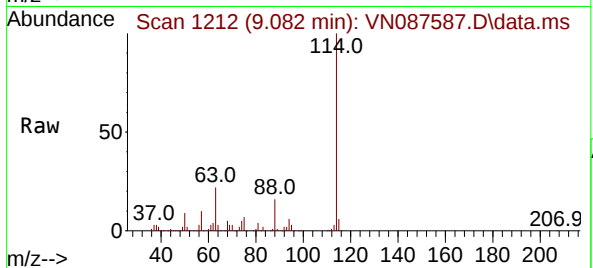
Tgt Ion:114 Resp: 525401

Ion Ratio Lower Upper

114 100

63 21.5 0.0 44.6

88 16.3 0.0 32.8



#35

Dibromofluoromethane

Concen: 45.033 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

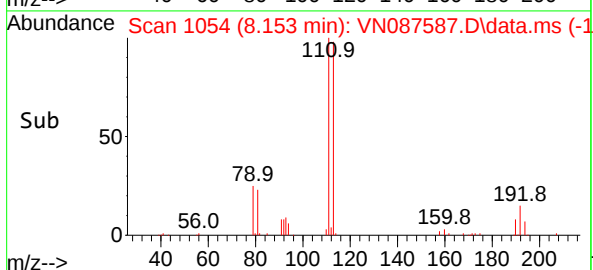
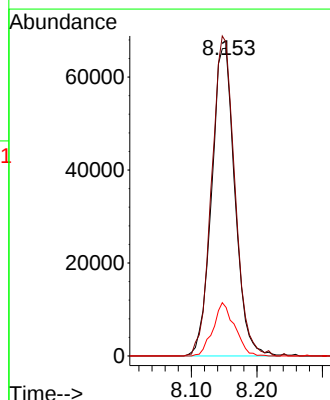
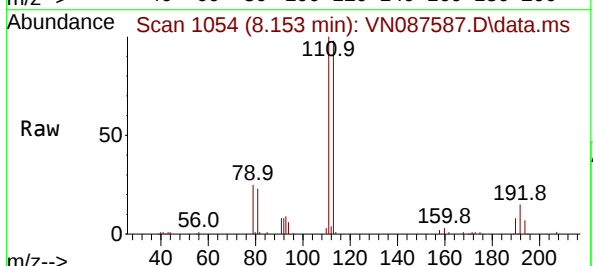
Tgt Ion:113 Resp: 163208

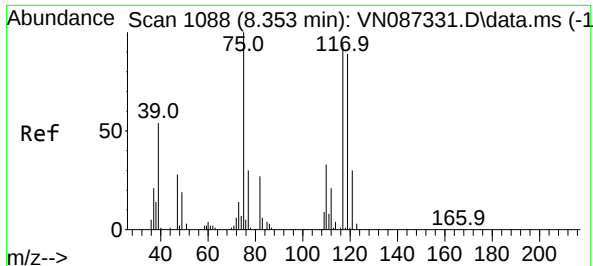
Ion Ratio Lower Upper

113 100

111 103.4 82.5 123.7

192 16.1 13.7 20.5





#36

1,1-Dichloropropene

Concen: 5.200 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.153 min

Lab File: VN087587.D

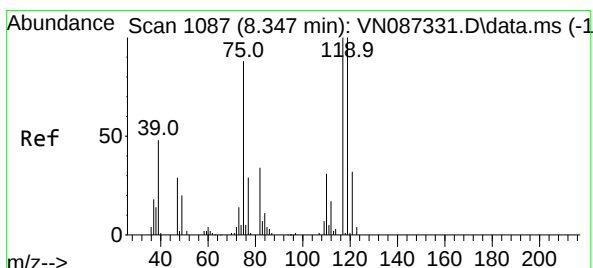
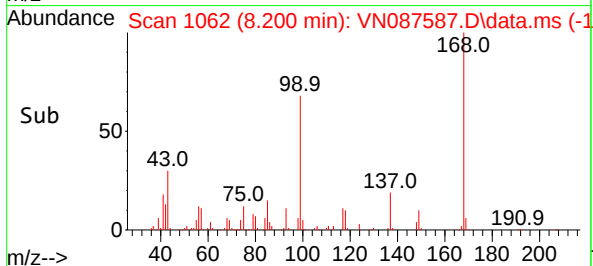
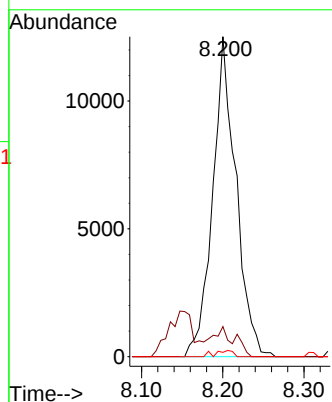
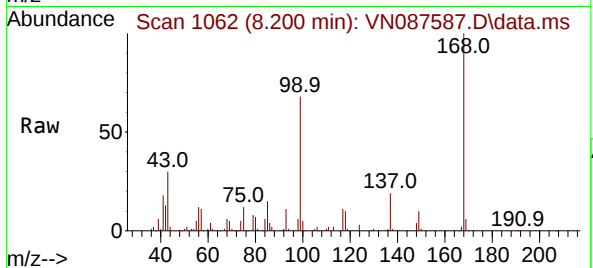
Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:	75	Resp:	24897
Ion	Ratio	Lower	Upper
75	100		
110	3.0	16.7	50.1#
77	1.2	25.2	37.8#



#38

Carbon Tetrachloride

Concen: 5.111 ug/l

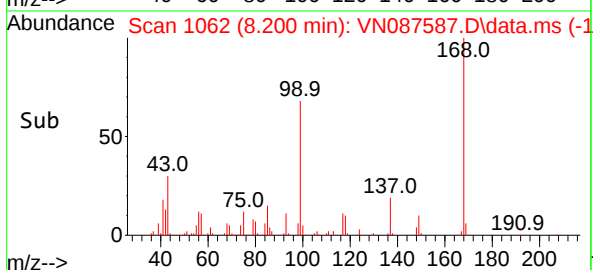
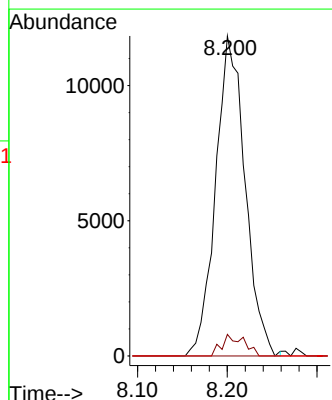
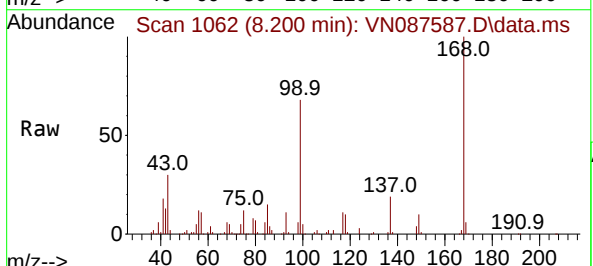
RT: 8.200 min Scan# 1062

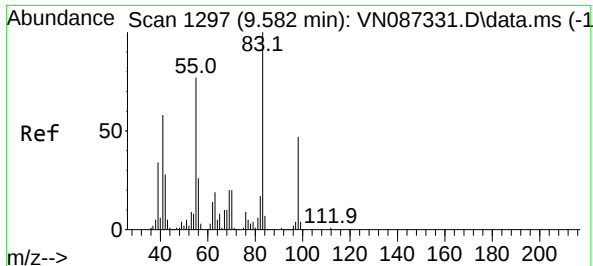
Delta R.T. -0.147 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Tgt Ion:	117	Resp:	26957
Ion	Ratio	Lower	Upper
117	100		
119	6.7	80.2	120.2#
121	0.0	25.4	38.2#





#39

Methylcyclohexane

Concen: 6.159 ug/l

RT: 9.576 min Scan# 1296

Delta R.T. -0.006 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

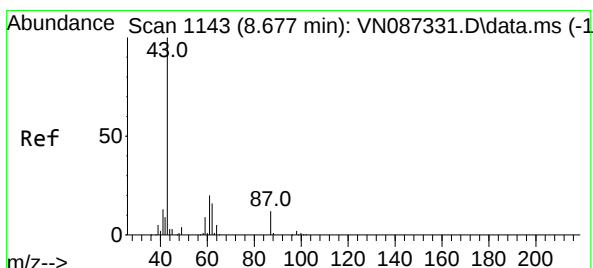
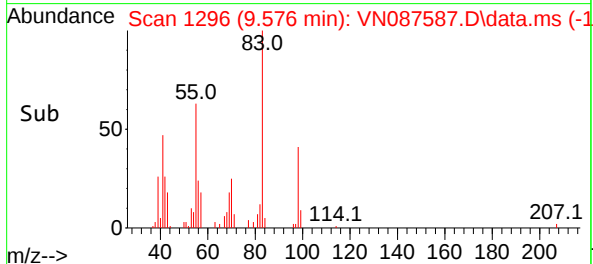
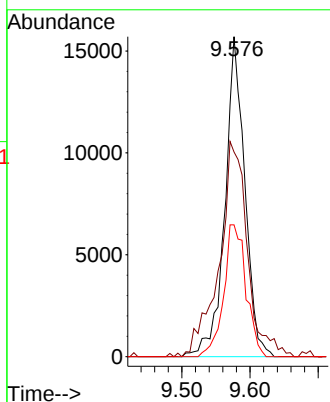
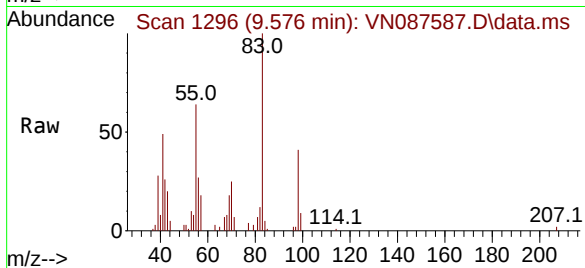
Tgt Ion: 83 Resp: 31929

Ion Ratio Lower Upper

83 100

55 62.9 61.3 91.9

98 41.2 37.9 56.9



#43

Isopropyl Acetate

Concen: 1.928 ug/l

RT: 8.677 min Scan# 1143

Delta R.T. -0.000 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

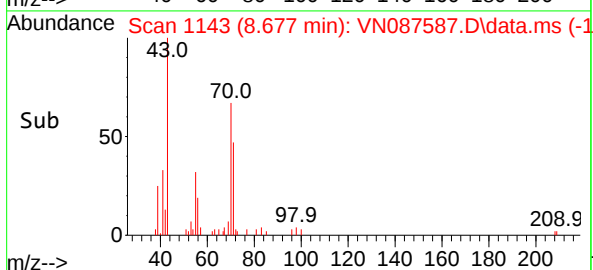
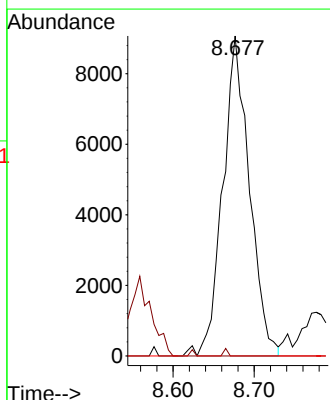
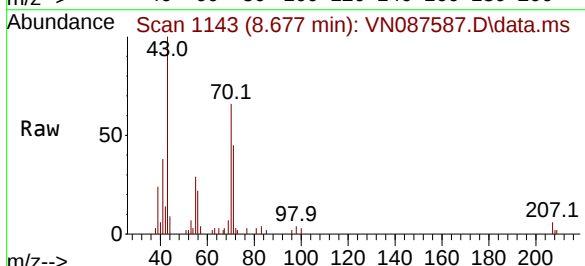
Tgt Ion: 43 Resp: 20702

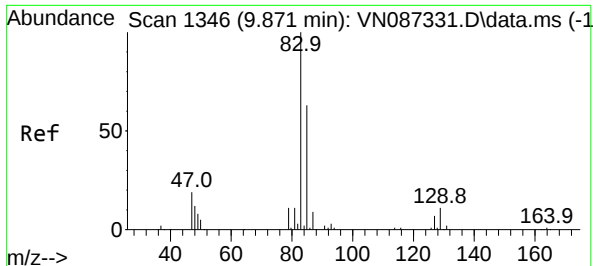
Ion Ratio Lower Upper

43 100

61 0.0 19.8 29.8#

87 0.0 9.8 14.6#





#47

Bromodichloromethane

Concen: 0.237 ug/l

RT: 9.747 min Scan# 11

Delta R.T. -0.123 min

Lab File: VN087587.D

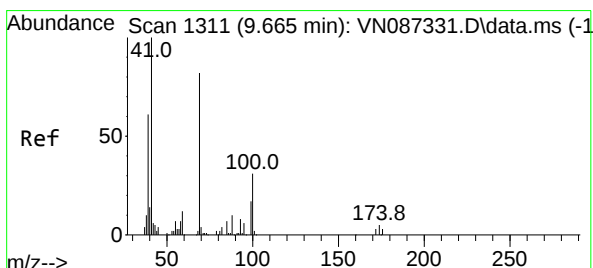
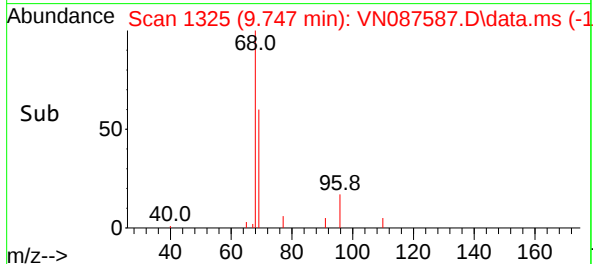
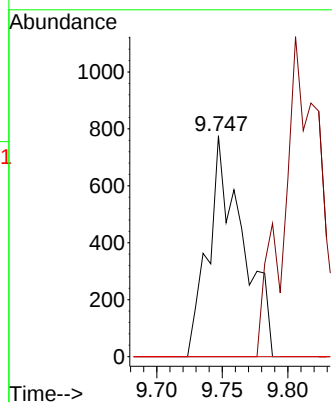
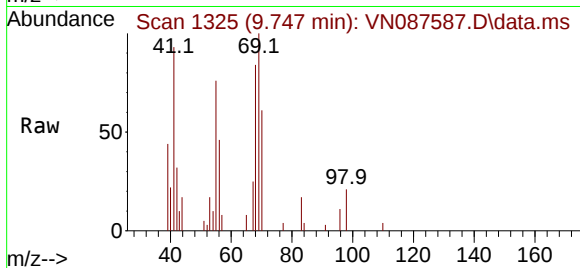
Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion: 83	Resp:	1407
Ion	Ratio	Lower Upper
83	100	
85	0.0	50.4 75.6#
127	0.0	5.8 8.8#



#48

Methyl methacrylate

Concen: 4.941 ug/l

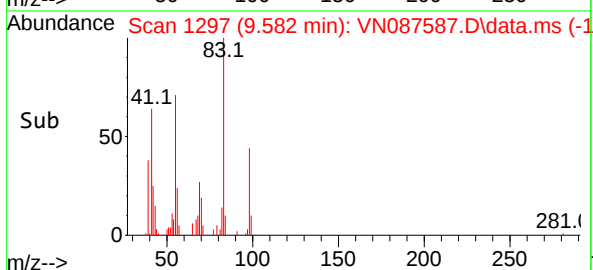
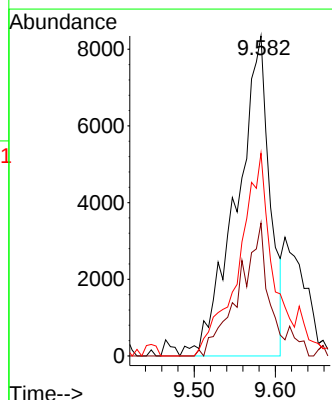
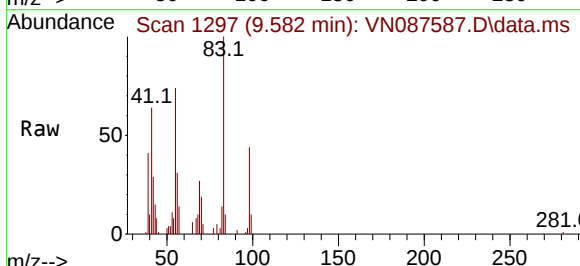
RT: 9.582 min Scan# 1297

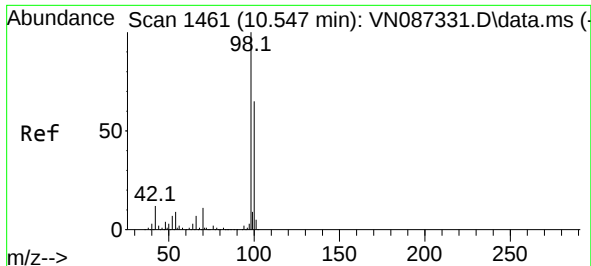
Delta R.T. -0.082 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Tgt Ion: 41	Resp:	23879
Ion	Ratio	Lower Upper
41	100	
69	36.6	64.1 96.1#
39	63.1	45.5 68.3

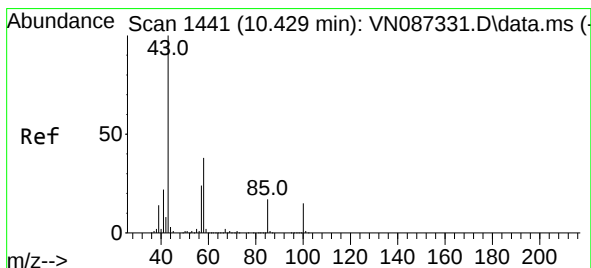
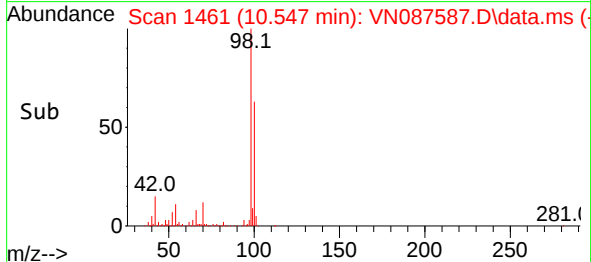
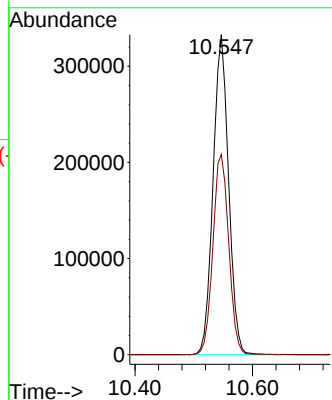
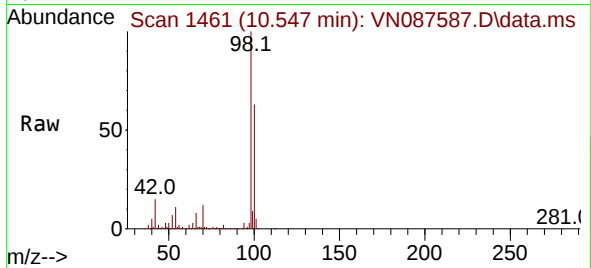




#50
Toluene-d8
Concen: 47.127 ug/l
RT: 10.547 min Scan# 1461
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

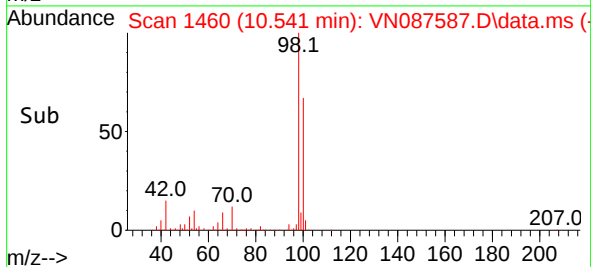
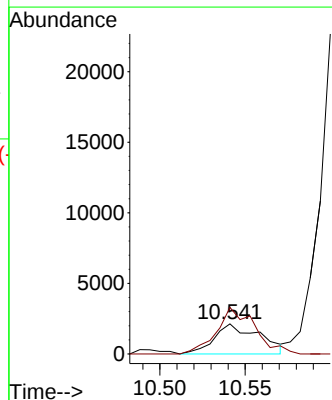
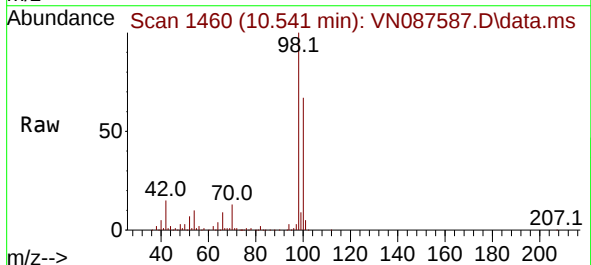
Instrument :
MSVOA_N
ClientSampleId :

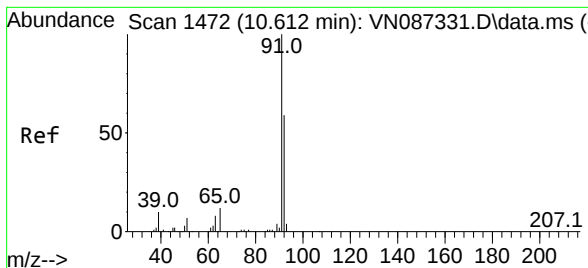
Tgt Ion: 98 Resp: 609262
Ion Ratio Lower Upper
98 100
100 64.0 52.1 78.1



#51
4-Methyl-2-Pentanone
Concen: 0.577 ug/l
RT: 10.541 min Scan# 1460
Delta R.T. 0.112 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion: 43 Resp: 3916
Ion Ratio Lower Upper
43 100
58 132.2 30.8 46.2#





#52

Toluene

Concen: 420.688 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.000 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

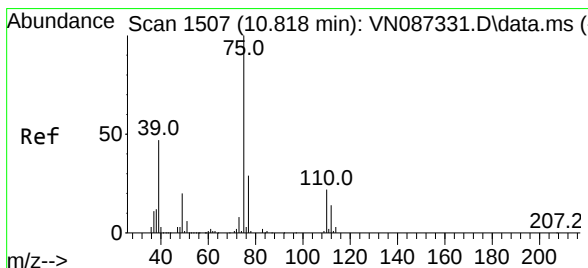
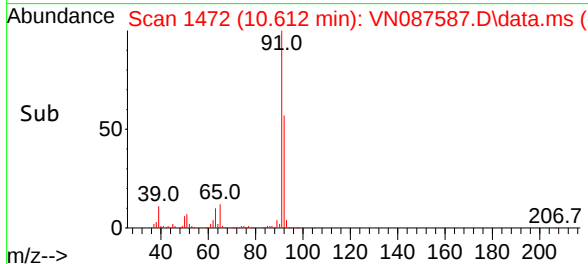
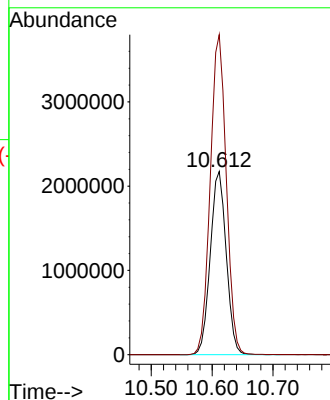
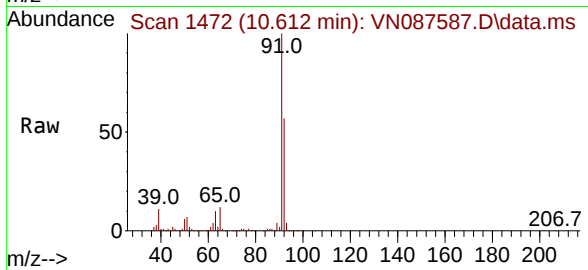
ClientSampleId :

Tgt Ion: 92 Resp: 3957129

Ion Ratio Lower Upper

92 100

91 175.2 135.1 202.7



#53

t-1,3-Dichloropropene

Concen: 8.752 ug/l

RT: 10.612 min Scan# 1472

Delta R.T. -0.206 min

Lab File: VN087587.D

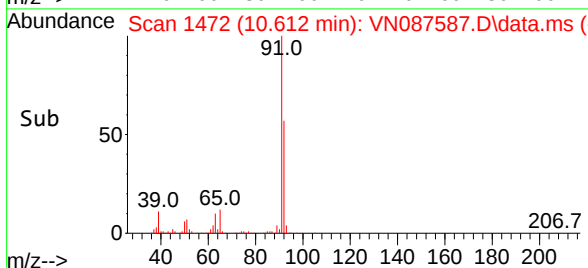
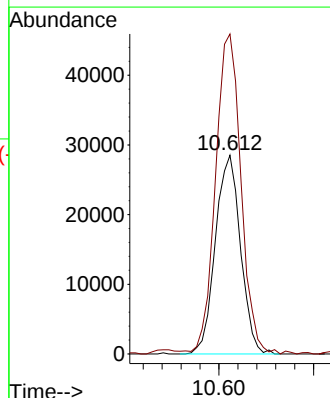
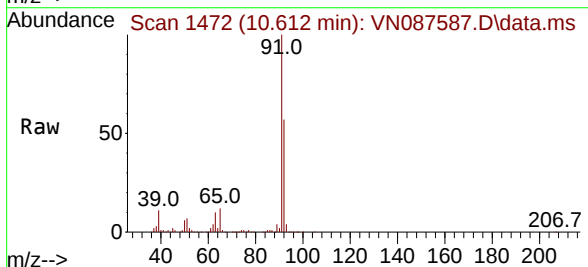
Acq: 15 Aug 2025 17:07

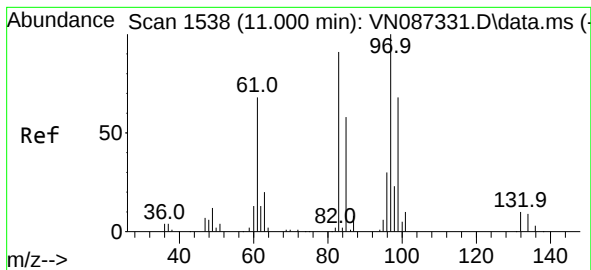
Tgt Ion: 75 Resp: 52529

Ion Ratio Lower Upper

75 100

77 161.1 23.6 35.4#





#55

1,1,2-Trichloroethane

Concen: 1.032 ug/l

RT: 10.982 min Scan# 1511

Delta R.T. -0.018 min

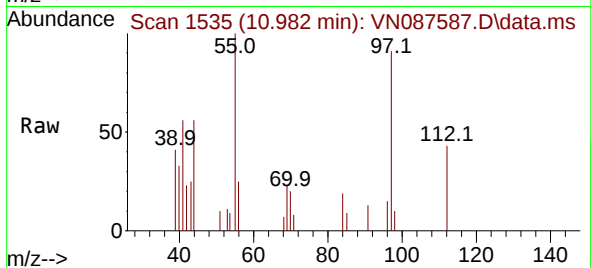
Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :



Tgt Ion: 97 Resp: 3930

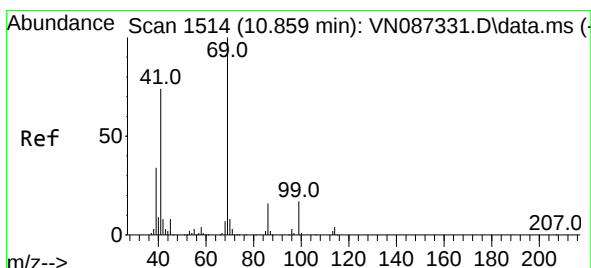
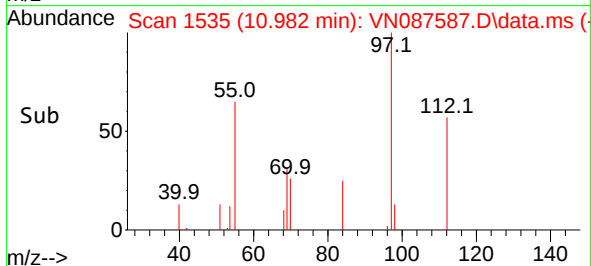
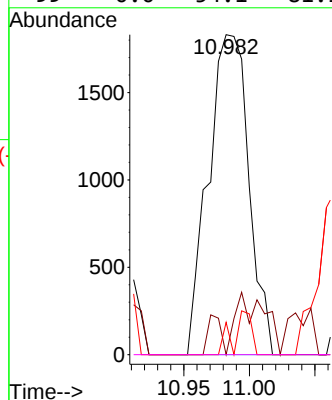
Ion Ratio Lower Upper

97 100

83 0.0 72.6 109.0#

85 10.1 46.7 70.1#

99 0.0 54.1 81.1#



#56

Ethyl methacrylate

Concen: 0.744 ug/l

RT: 10.841 min Scan# 1511

Delta R.T. -0.018 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

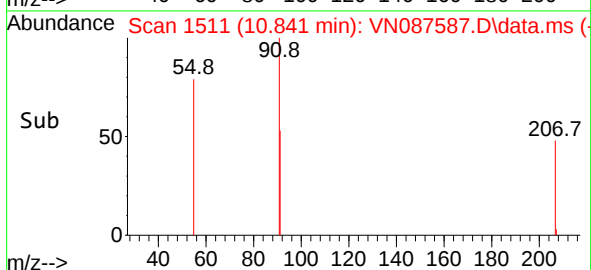
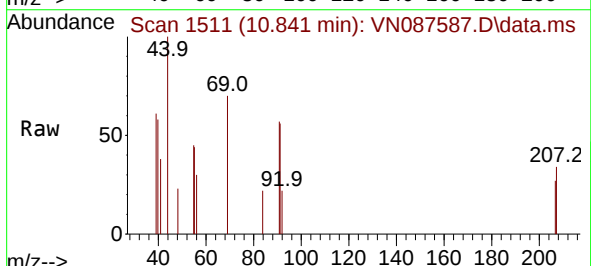
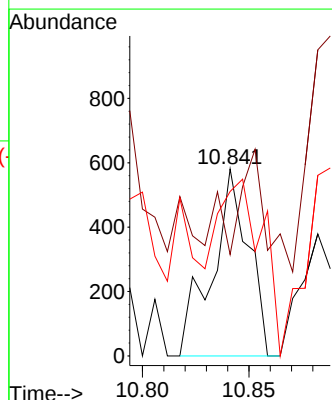
Tgt Ion: 69 Resp: 687

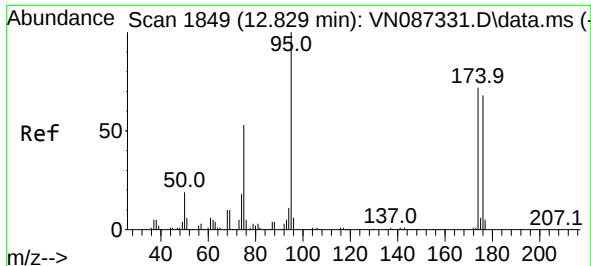
Ion Ratio Lower Upper

69 100

41 0.0 55.1 82.7#

39 0.0 27.9 41.9#

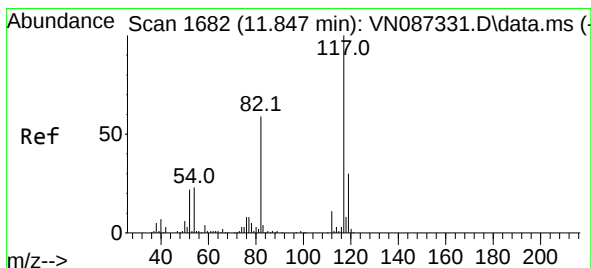
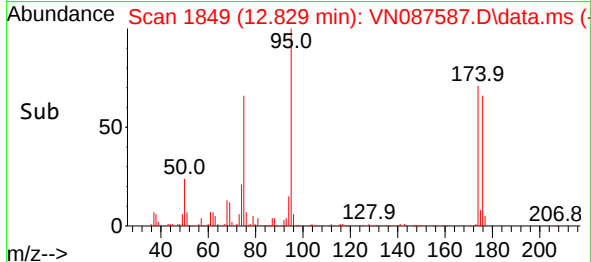
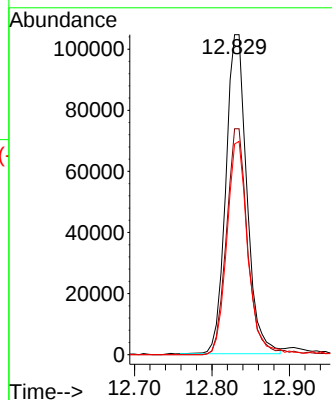
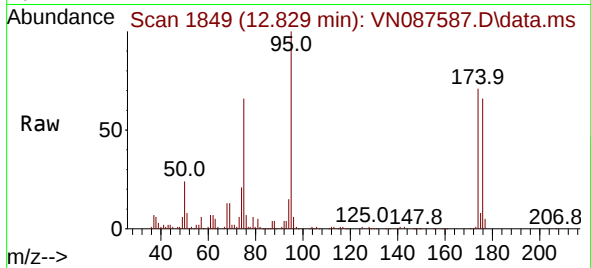




#62
4-Bromofluorobenzene
Concen: 41.399 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

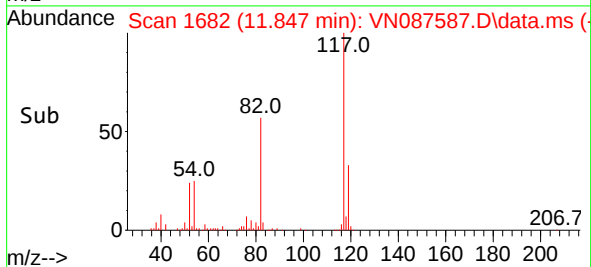
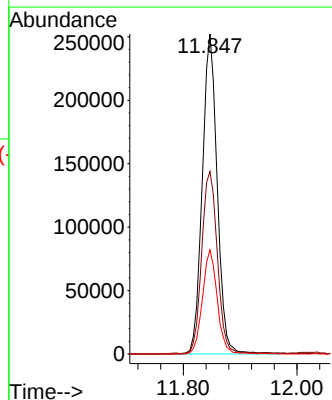
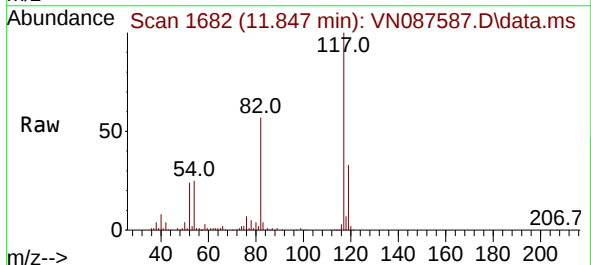
Instrument :
MSVOA_N
ClientSampleId :

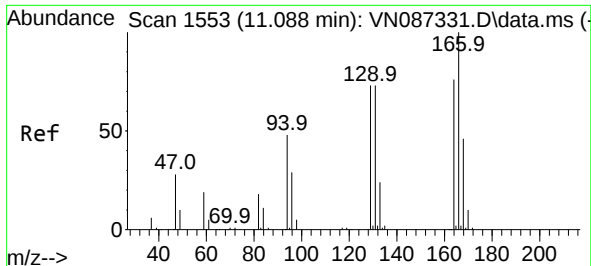
Tgt Ion: 95 Resp: 197735
Ion Ratio Lower Upper
95 100
174 71.6 0.0 149.4
176 66.9 0.0 141.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1682
Delta R.T. -0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

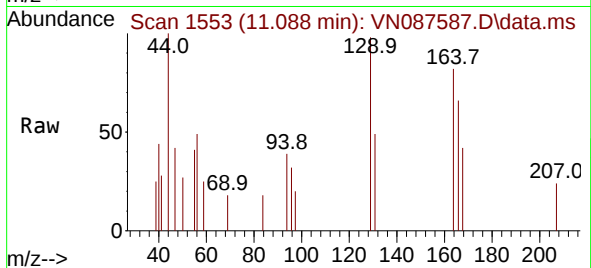
Tgt Ion: 117 Resp: 459162
Ion Ratio Lower Upper
117 100
82 57.0 47.4 71.2
119 32.5 23.8 35.8



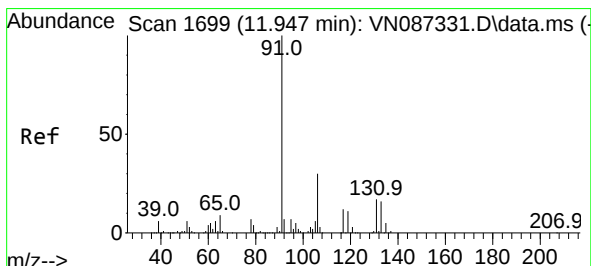
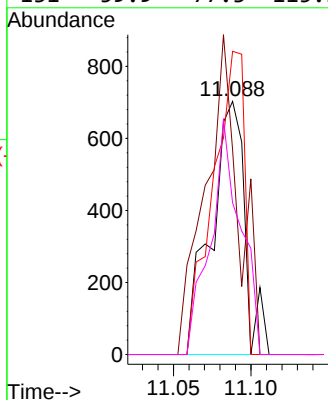
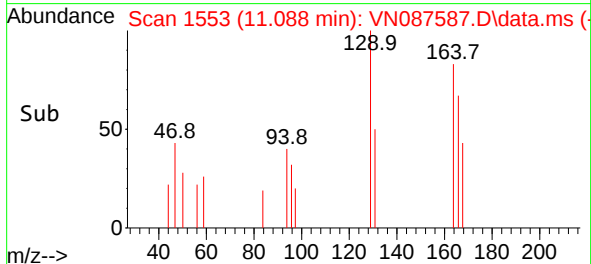


#64
Tetrachloroethene
Concen: 0.359 ug/l
RT: 11.088 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :

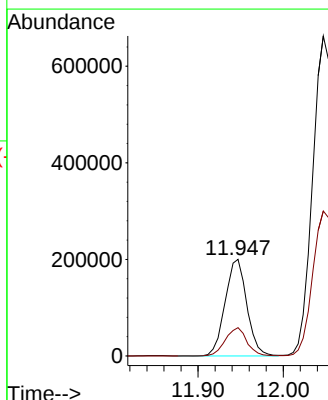
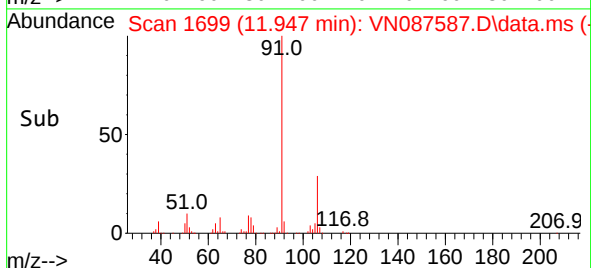
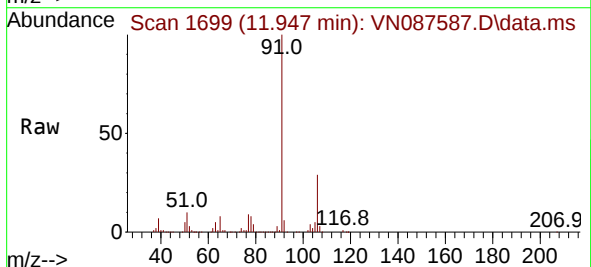


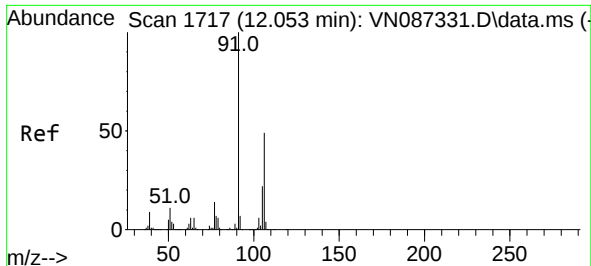
Tgt Ion:164 Resp: 1060
Ion Ratio Lower Upper
164 100
166 80.8 105.5 158.3#
129 119.8 77.4 116.2#
131 59.9 77.3 115.9#



#67
Ethyl Benzene
Concen: 20.917 ug/l
RT: 11.947 min Scan# 1699
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion: 91 Resp: 354970
Ion Ratio Lower Upper
91 100
106 29.3 24.3 36.5

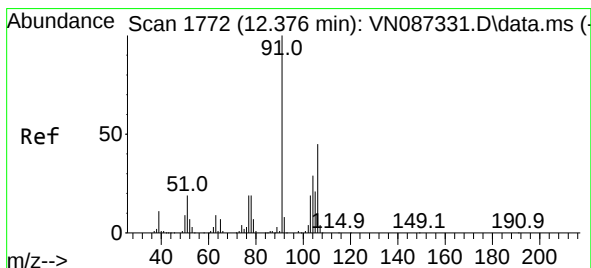
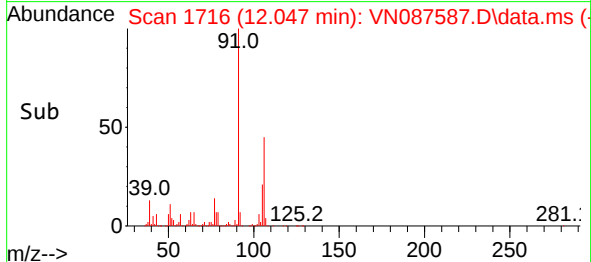
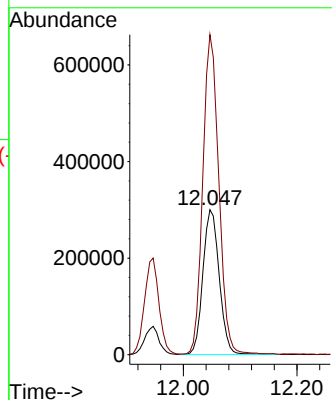
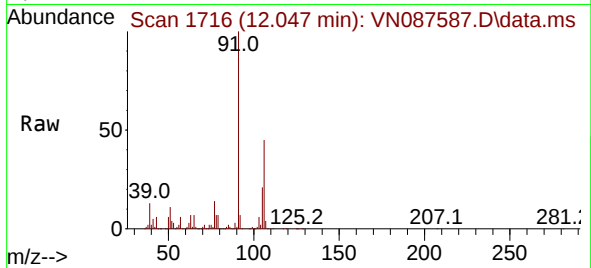




#68
m/p-Xylenes
Concen: 94.118 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

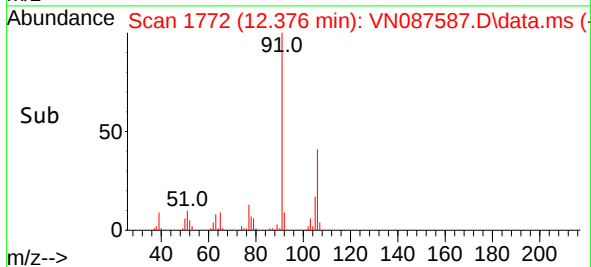
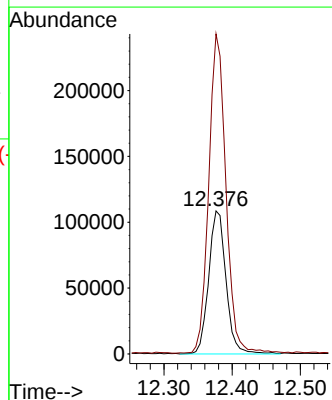
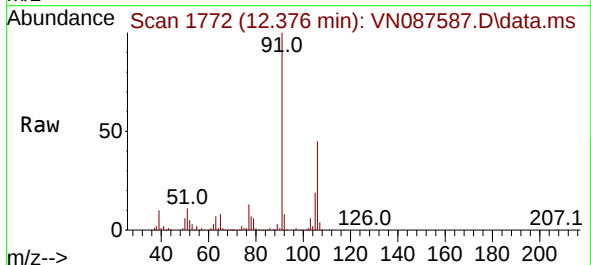
Instrument :
MSVOA_N
ClientSampleId :

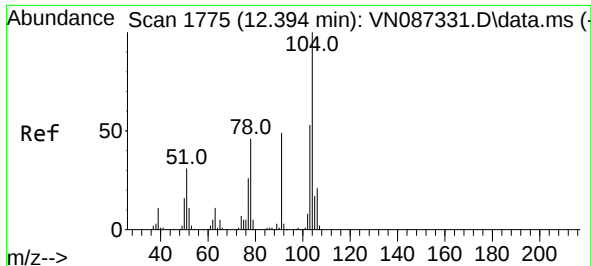
Tgt Ion:106 Resp: 598096
Ion Ratio Lower Upper
106 100
91 215.6 162.0 243.0



#69
o-Xylene
Concen: 31.711 ug/l
RT: 12.376 min Scan# 1772
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion:106 Resp: 192493
Ion Ratio Lower Upper
106 100
91 220.3 107.7 323.3

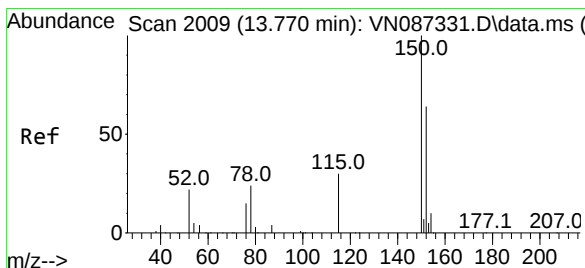
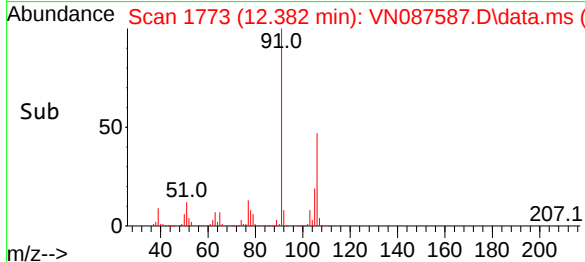
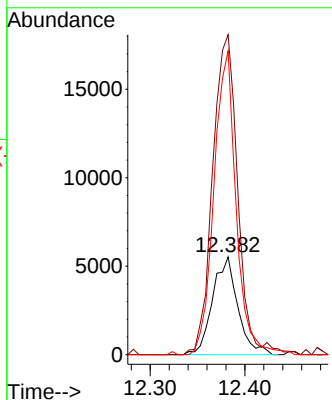
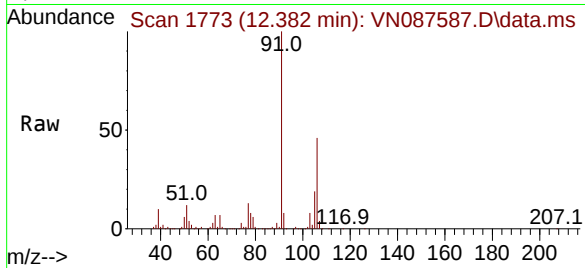




#70
Styrene
Concen: 1.002 ug/l
RT: 12.382 min Scan# 11
Delta R.T. -0.012 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

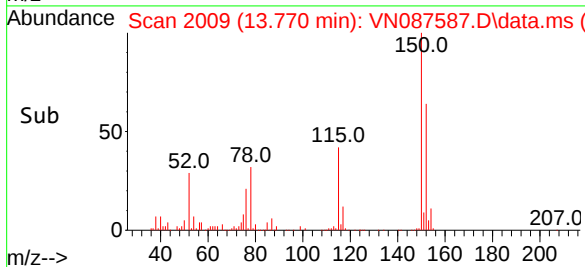
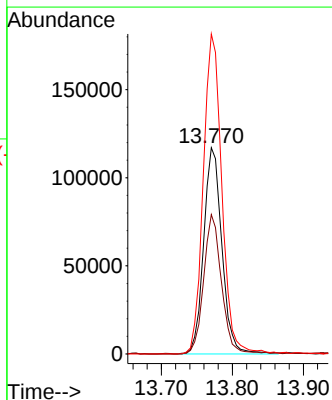
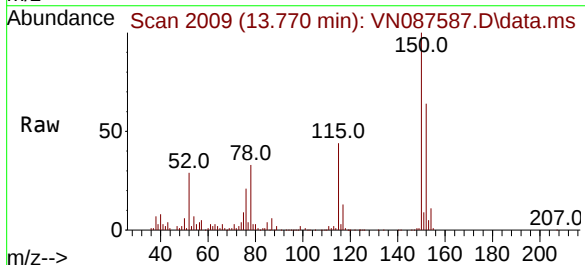
Instrument :
MSVOA_N
ClientSampleId :

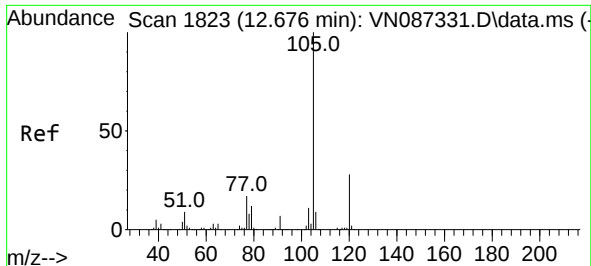
Tgt Ion:104 Resp: 10233
Ion Ratio Lower Upper
104 100
78 325.2 41.0 61.6#
103 274.2 43.9 65.9#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

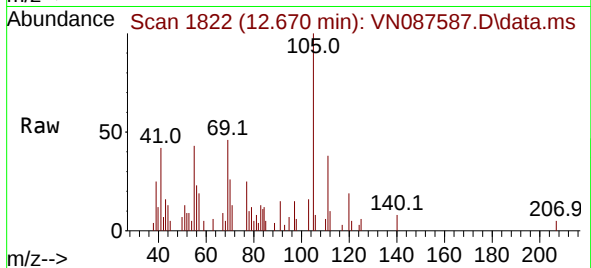
Tgt Ion:152 Resp: 209623
Ion Ratio Lower Upper
152 100
115 66.1 31.1 93.5
150 157.8 0.0 349.0



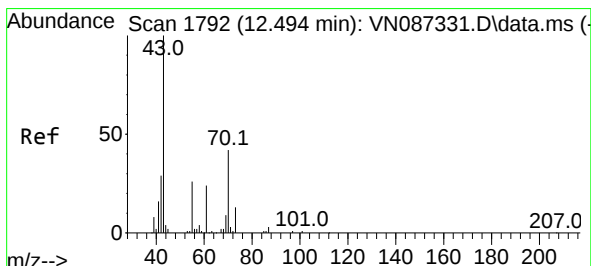
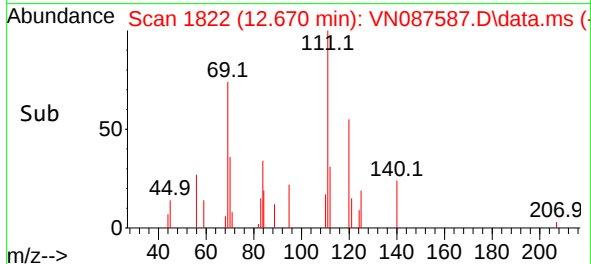
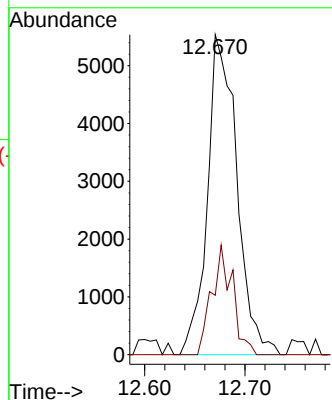


#73
Isopropylbenzene
Concen: 0.858 ug/l
RT: 12.670 min Scan# 11
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :

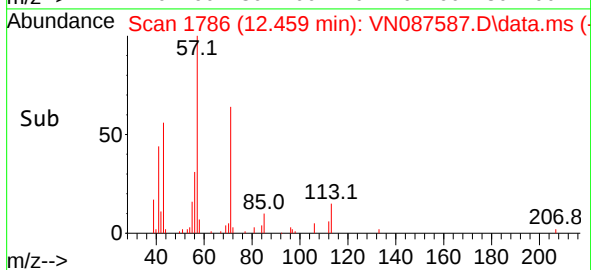
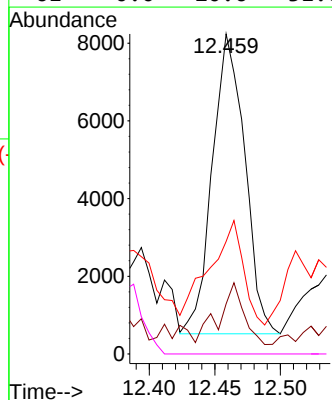
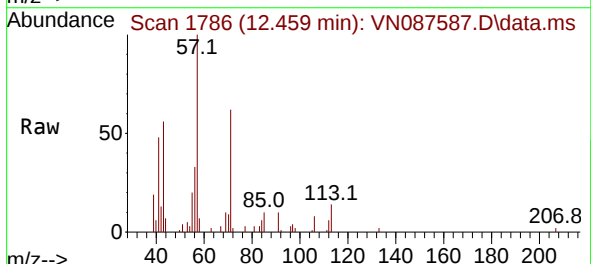


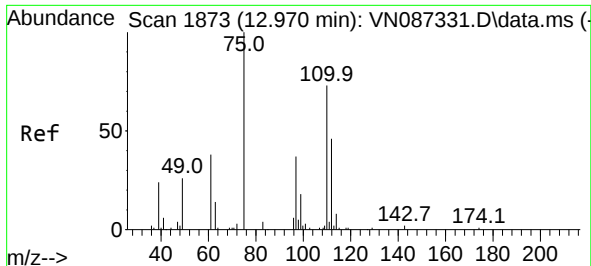
Tgt Ion:105 Resp: 11326
Ion Ratio Lower Upper
105 100
120 24.1 13.4 40.1



#74
N-ethyl acetate
Concen: 2.421 ug/l
RT: 12.459 min Scan# 1786
Delta R.T. -0.035 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion: 43 Resp: 13270
Ion Ratio Lower Upper
43 100
70 15.8 37.6 56.4#
55 36.8 19.6 29.4#
61 0.0 20.6 31.0#

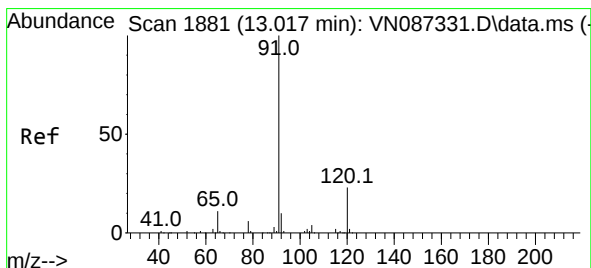
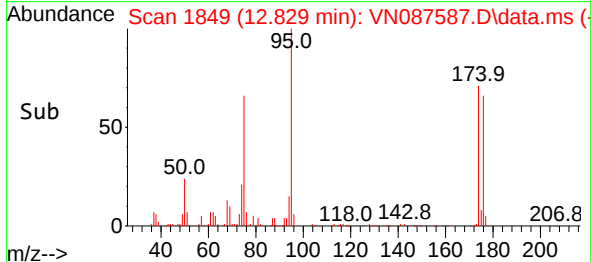
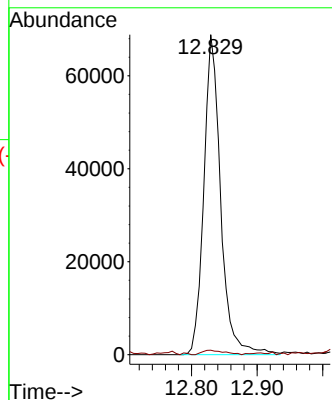
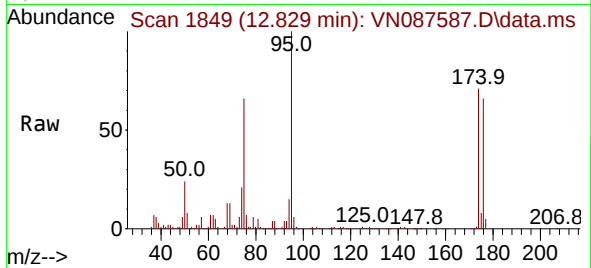




#76
1,2,3-Trichloropropane
Concen: 26.203 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

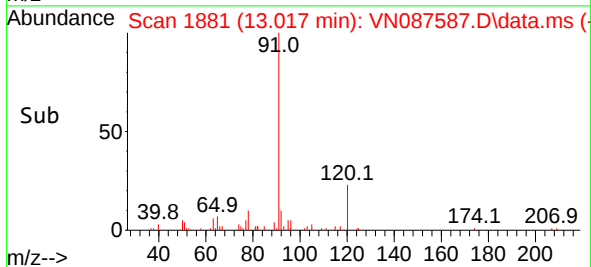
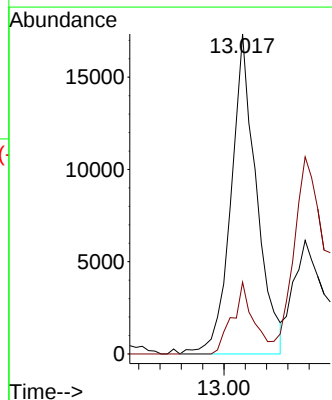
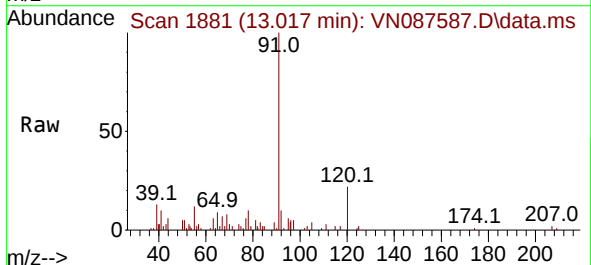
Instrument :
MSVOA_N
ClientSampleId :

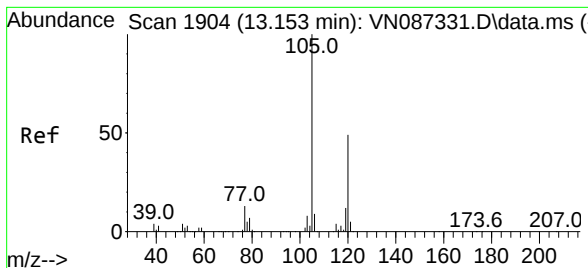
Tgt Ion: 75 Resp: 123170
Ion Ratio Lower Upper
75 100
77 1.8 94.5 283.6#



#78
n-propylbenzene
Concen: 1.735 ug/l
RT: 13.017 min Scan# 1881
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion: 91 Resp: 28795
Ion Ratio Lower Upper
91 100
120 18.4 11.3 33.8

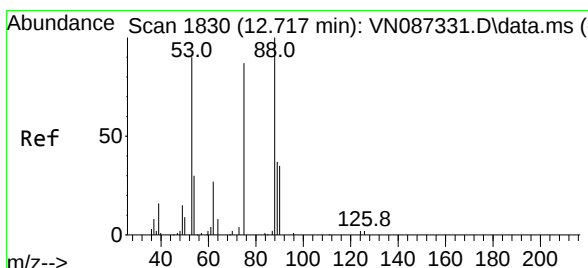
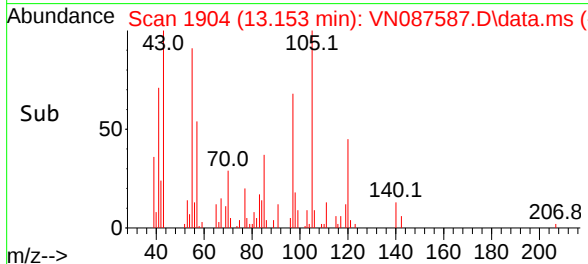
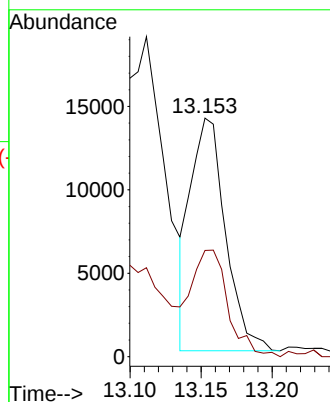
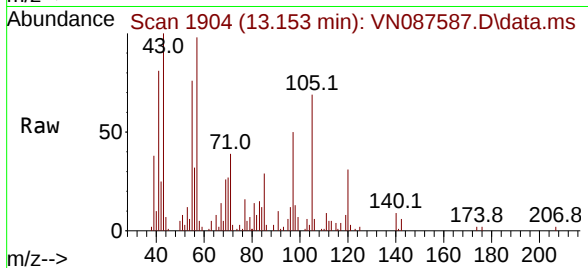




#80
 1,3,5-Trimethylbenzene
 Concen: 2.126 ug/l
 RT: 13.153 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VN087587.D
 Acq: 15 Aug 2025 17:07

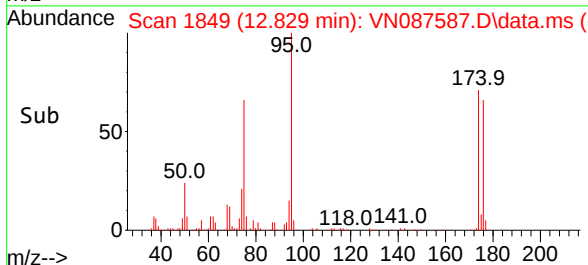
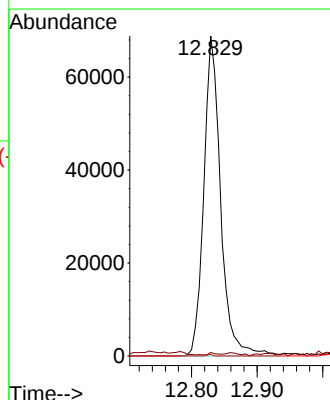
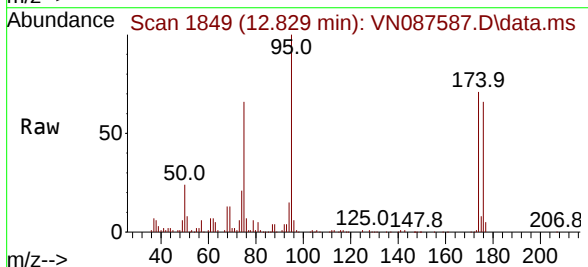
Instrument :
 MSVOA_N
 ClientSampleId :

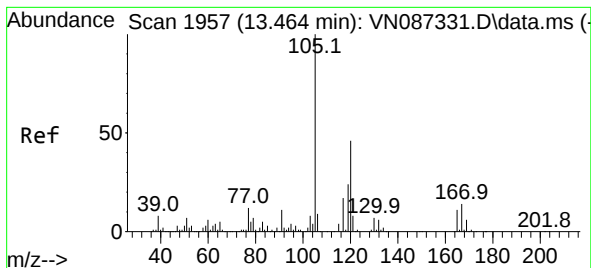
Tgt Ion:105 Resp: 23899
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.3 72.8



#81
 trans-1,4-Dichloro-2-butene
 Concen: 71.695 ug/l
 RT: 12.829 min Scan# 1849
 Delta R.T. 0.112 min
 Lab File: VN087587.D
 Acq: 15 Aug 2025 17:07

Tgt Ion: 75 Resp: 123170
 Ion Ratio Lower Upper
 75 100
 53 0.5 83.5 125.3#
 89 0.1 38.4 57.6#





#84

1,2,4-Trimethylbenzene

Concen: 7.017 ug/l

RT: 13.464 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

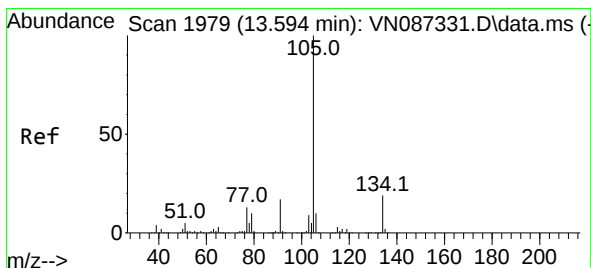
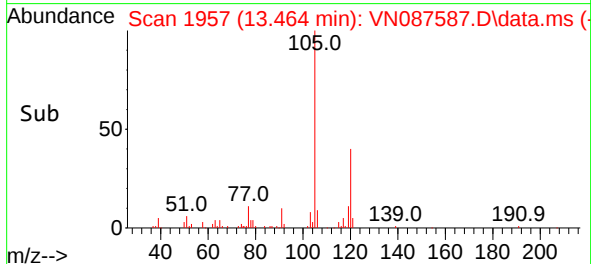
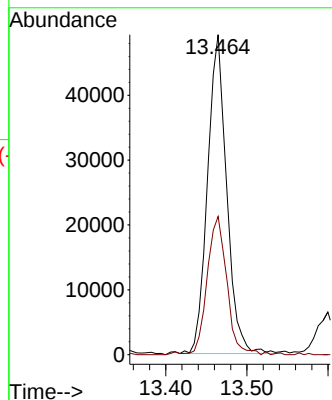
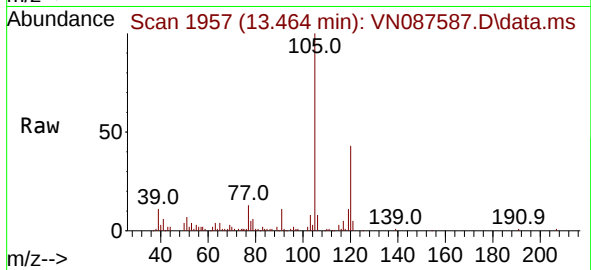
ClientSampleId :

Tgt Ion:105 Resp: 80546

Ion Ratio Lower Upper

105 100

120 43.1 22.8 68.3



#85

sec-Butylbenzene

Concen: 0.651 ug/l

RT: 13.600 min Scan# 1980

Delta R.T. 0.006 min

Lab File: VN087587.D

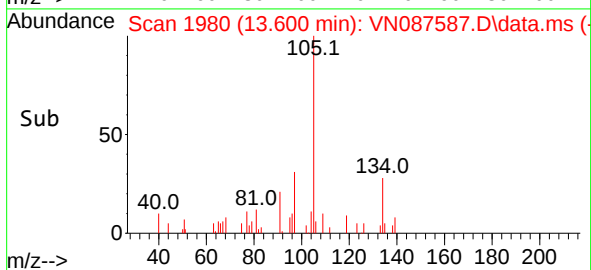
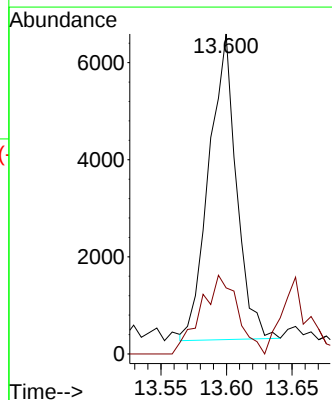
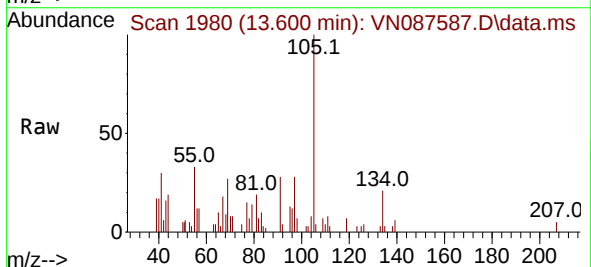
Acq: 15 Aug 2025 17:07

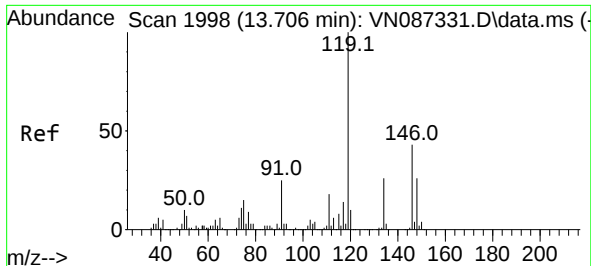
Tgt Ion:105 Resp: 9204

Ion Ratio Lower Upper

105 100

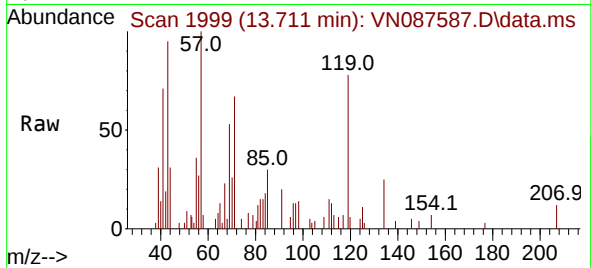
134 34.4 9.8 29.4#



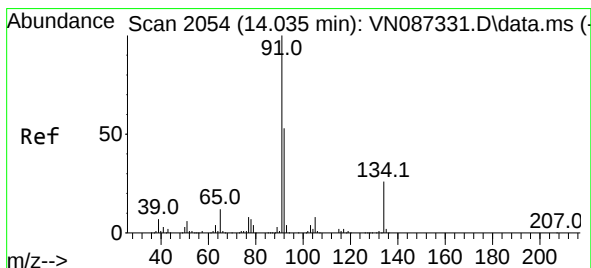
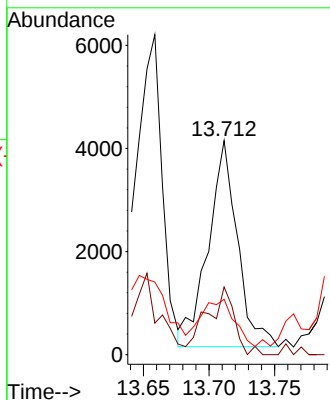
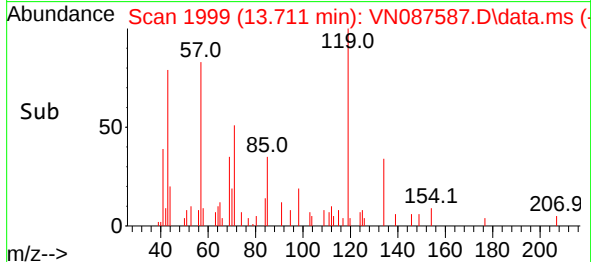


#86
p-Isopropyltoluene
Concen: 0.548 ug/l
RT: 13.711 min Scan# 1999
Delta R.T. 0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Instrument :
MSVOA_N
ClientSampleId :

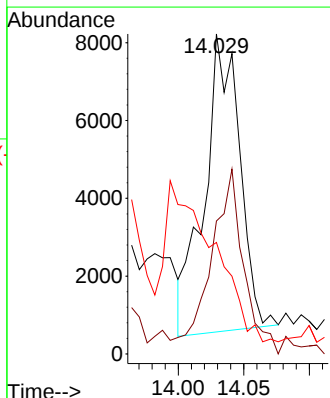
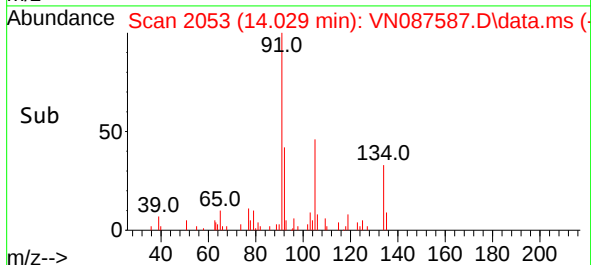
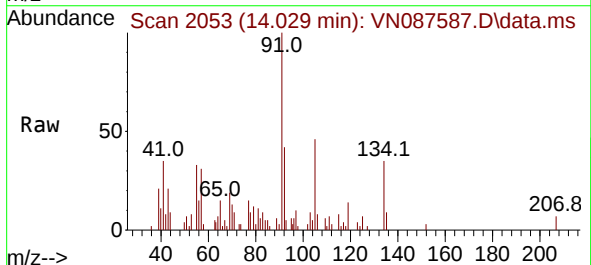


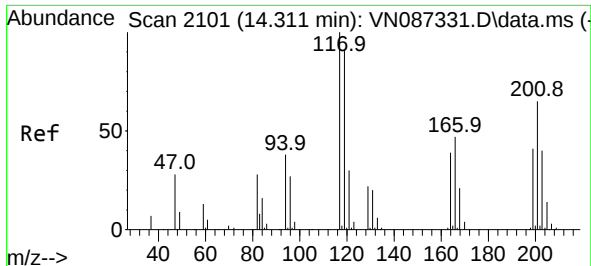
Tgt Ion:119 Resp: 6207
Ion Ratio Lower Upper
119 100
134 30.6 13.5 40.5
91 26.1 12.2 36.6



#89
n-Butylbenzene
Concen: 1.312 ug/l
RT: 14.029 min Scan# 2053
Delta R.T. -0.006 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion: 91 Resp: 14194
Ion Ratio Lower Upper
91 100
92 58.0 26.2 78.6
134 0.0 12.4 37.2#

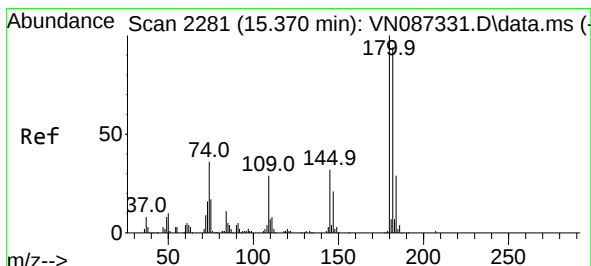
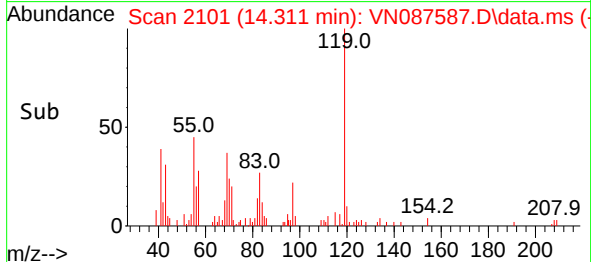
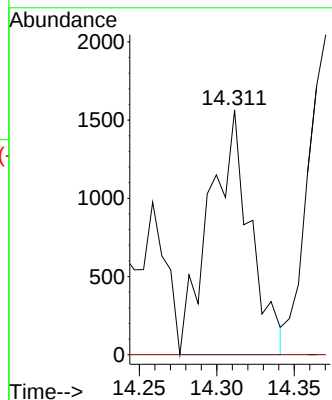
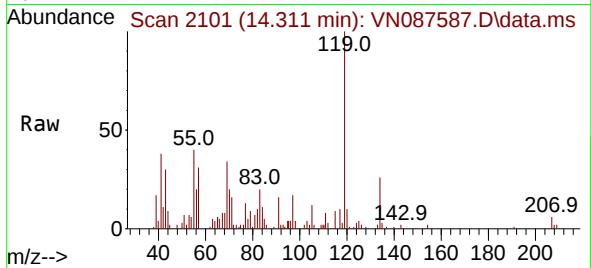




#90
Hexachloroethane
Concen: 1.183 ug/l
RT: 14.311 min Scan# 2101
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

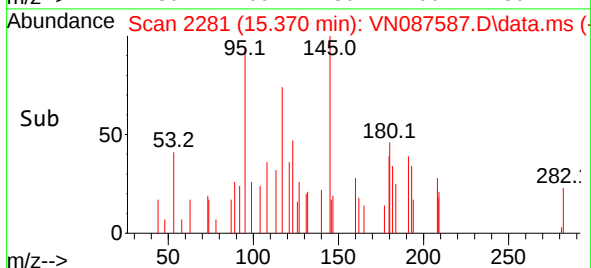
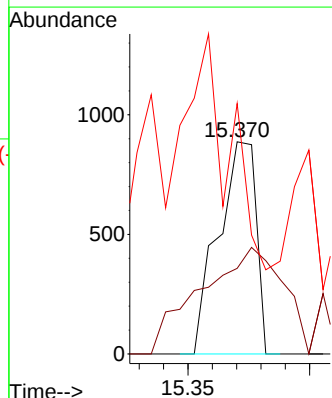
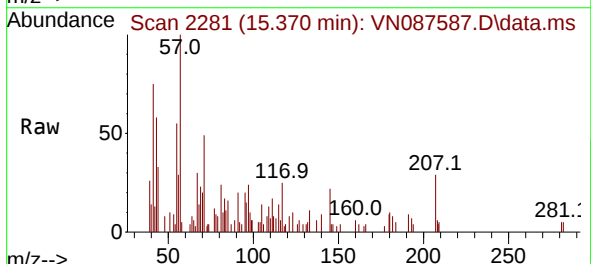
Instrument :
MSVOA_N
ClientSampleId :

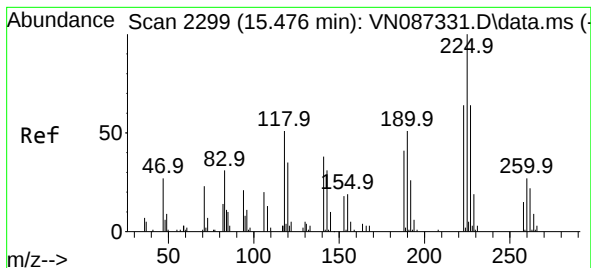
Tgt Ion:117 Resp: 2841
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#



#93
1,2,4-Trichlorobenzene
Concen: 0.257 ug/l
RT: 15.370 min Scan# 2281
Delta R.T. 0.000 min
Lab File: VN087587.D
Acq: 15 Aug 2025 17:07

Tgt Ion:180 Resp: 959
Ion Ratio Lower Upper
180 100
182 119.1 47.3 141.8
145 216.3 15.4 46.4#





#94

Hexachlorobutadiene

Concen: 0.243 ug/l

RT: 15.482 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN087587.D

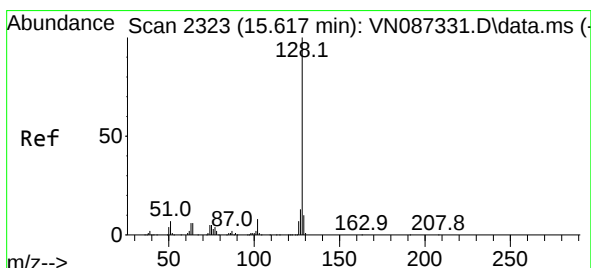
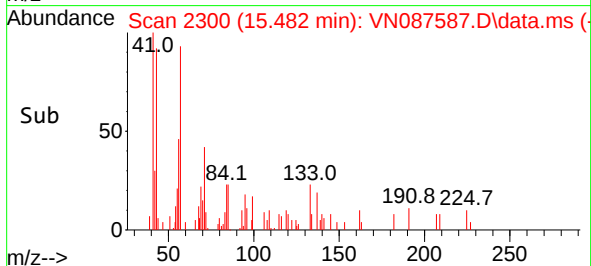
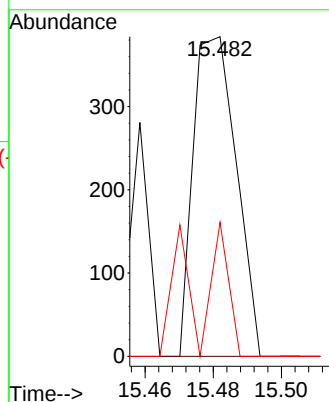
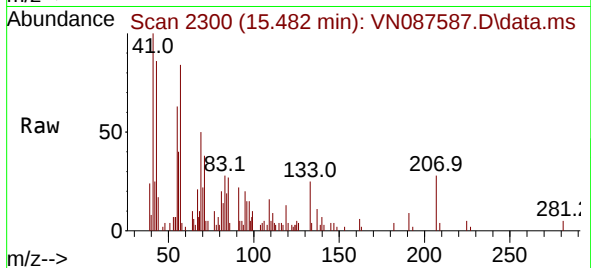
Acq: 15 Aug 2025 17:07

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	337
Ion Ratio	Lower	Upper
225	100	
223	0.0	32.1 96.3#
227	33.5	31.3 93.9



#95

Naphthalene

Concen: 8.679 ug/l

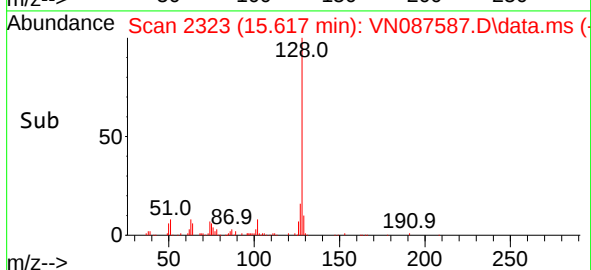
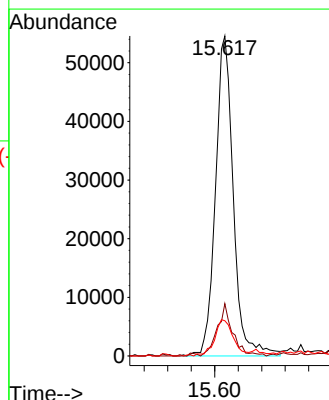
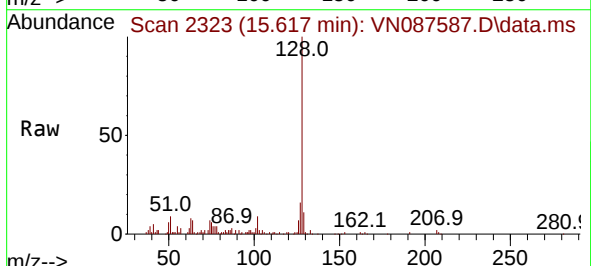
RT: 15.617 min Scan# 2323

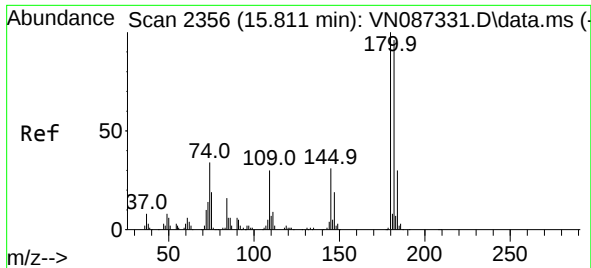
Delta R.T. 0.000 min

Lab File: VN087587.D

Acq: 15 Aug 2025 17:07

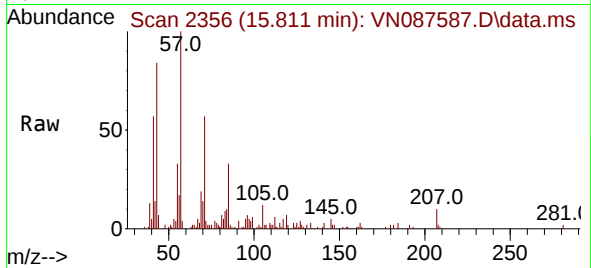
Tgt Ion:128	Resp:	114900
Ion Ratio	Lower	Upper
128	100	
127	14.1	10.5 15.7
129	11.9	8.4 12.6





#96
 1,2,3-Trichlorobenzene
 Concen: 0.223 ug/l
 RT: 15.811 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: VN087587.D
 Acq: 15 Aug 2025 17:07

Instrument :
 MSVOA_N
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	90.6	47.1	141.4
145	436.7	16.9	50.6#

