

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN081325\
 Data File : VN087536.D
 Acq On : 13 Aug 2025 15:36
 Operator : JC\MD
 Sample : Q2808-04RE
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Aug 14 04:02:02 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	8.212	168	221491	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.088	114	499677	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	478898	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	229716	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.565	65	243377	64.758	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 129.520%#	
35) Dibromofluoromethane	8.153	113	174728	50.693	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 101.380%	
50) Toluene-d8	10.547	98	655545	53.318	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 106.640%	
62) 4-Bromofluorobenzene	12.829	95	245693	54.088	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 108.180%	
Target Compounds						
					Qvalue	
5) Bromomethane	2.995	94	622	0.409	ug/l #	50
10) Methyl Iodide	4.624	142	61	5.655	ug/l #	40
11) Tert butyl alcohol	5.518	59	683	0.957	ug/l #	72
13) Acrolein	4.189	56	531	0.927	ug/l #	2
16) Acetone	4.424	43	86221	48.930	ug/l	100
17) Carbon Disulfide	4.689	76	3406	0.454	ug/l #	71
18) Methyl Acetate	5.024	43	53471	12.078	ug/l	97
20) Methylene Chloride	5.253	84	21039	6.506	ug/l	88
21) trans-1,2-Dichloroethene	5.783	96	703	0.247	ug/l #	63
25) 2-Butanone	7.477	43	23709	8.708	ug/l	92
29) Tetrahydrofuran	7.847	42	2191	1.239	ug/l #	67
31) Cyclohexane	8.212	56	7717	1.670	ug/l #	37
36) 1,1-Dichloropropene	8.206	75	23021	5.055	ug/l #	51
37) Ethyl Acetate	7.559	43	34715	5.278	ug/l	100
38) Carbon Tetrachloride	8.212	117	27374	5.457	ug/l #	15
43) Isopropyl Acetate	8.688	43	23495	2.301	ug/l #	88
45) 1,2-Dichloropropane	9.724	63	2715	0.726	ug/l #	41
48) Methyl methacrylate	9.729	41	189905	41.318	ug/l #	47
49) 1,4-Dioxane	9.718	88	208	2.955	ug/l #	1
51) 4-Methyl-2-Pentanone	10.435	43	12422	1.924	ug/l #	84
54) cis-1,3-Dichloropropene	10.341	75	93830	15.915	ug/l #	73
56) Ethyl methacrylate	10.876	69	268	0.680	ug/l #	24
57) 1,3-Dichloropropane	11.188	76	5404	0.863	ug/l #	42
59) 2-Hexanone	11.188	43	108947	25.431	ug/l #	47
65) Chlorobenzene	11.870	112	8332	0.775	ug/l	88
68) m/p-Xylenes	12.053	106	1617	0.244	ug/l	87
76) 1,2,3-Trichloropropane	12.829	75	141866	27.540	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.829	75	141866	75.355	ug/l #	8
84) 1,2,4-Trimethylbenzene	13.464	105	3817	0.303	ug/l	88
88) 1,4-Dichlorobenzene	13.794	146	2803	0.357	ug/l #	1
89) n-Butylbenzene	14.035	91	3889	0.328	ug/l #	67
90) Hexachloroethane	14.317	117	759	0.288	ug/l #	17
94) Hexachlorobutadiene	15.476	225	312	0.205	ug/l #	30
95) Naphthalene	15.623	128	5972	0.412	ug/l #	89

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ALS Vial : 13 Sample Multiplier: 1

Instrument :
MSVOA_N
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Quant Time: Aug 14 04:02:02 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

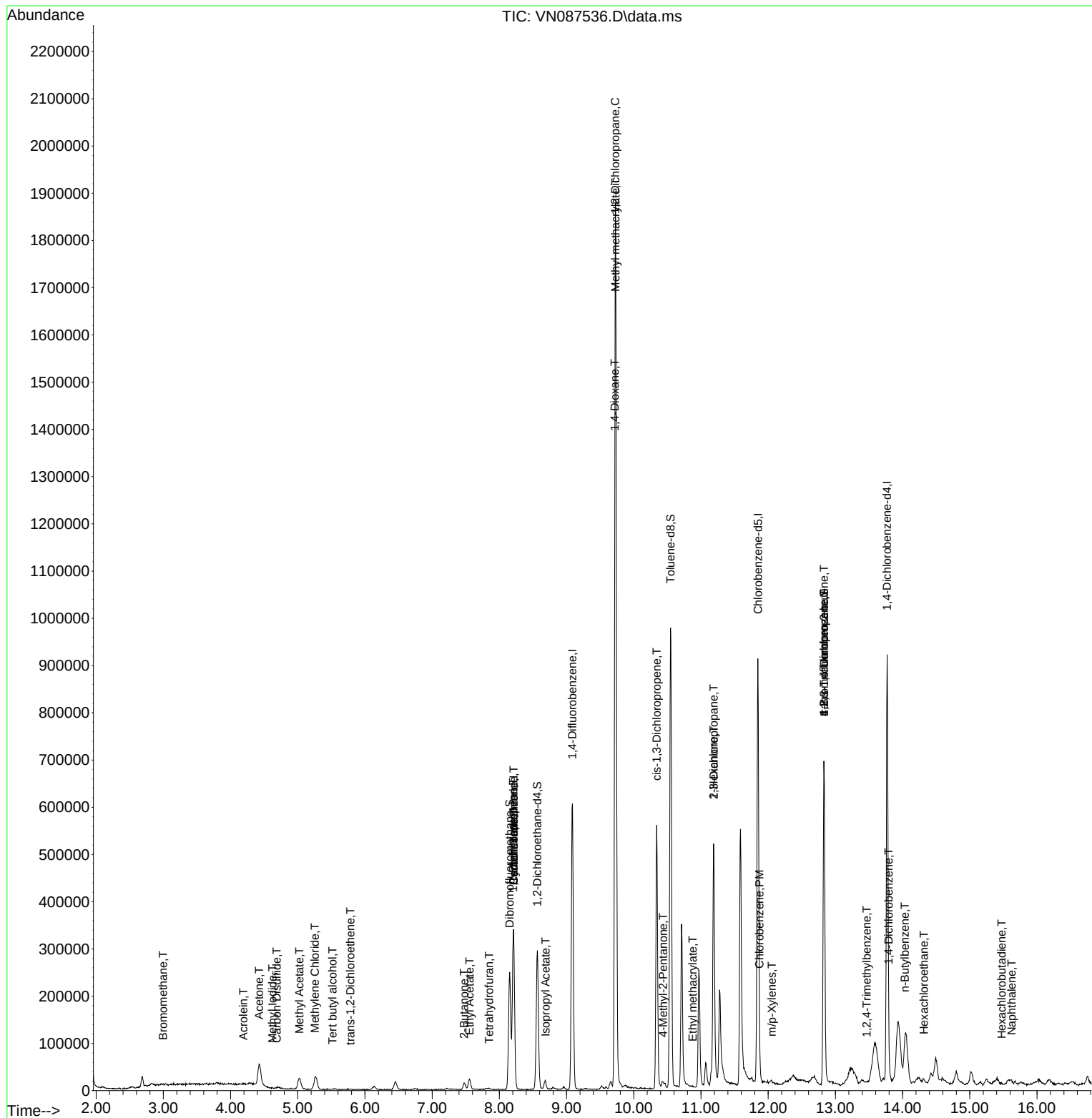
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

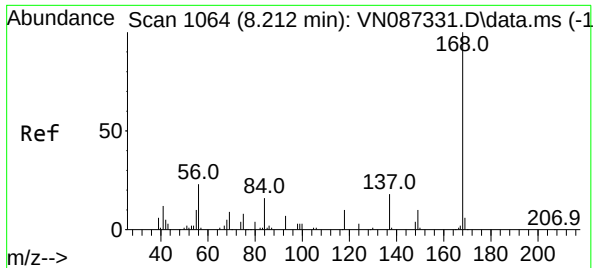
(#) = qualifier out of range (m) = manual integration (+) = signals summed						

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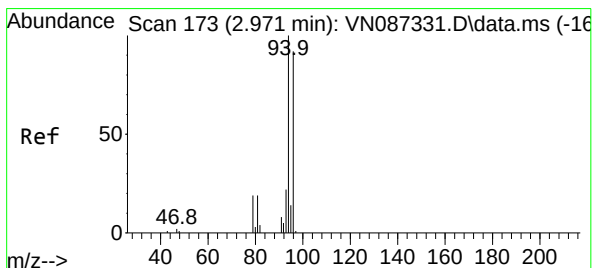
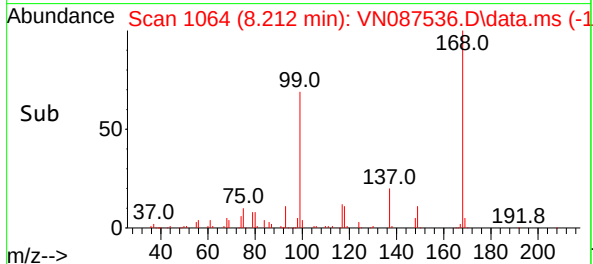
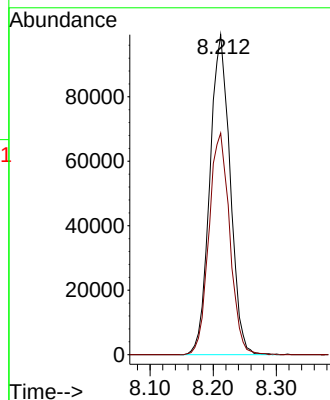
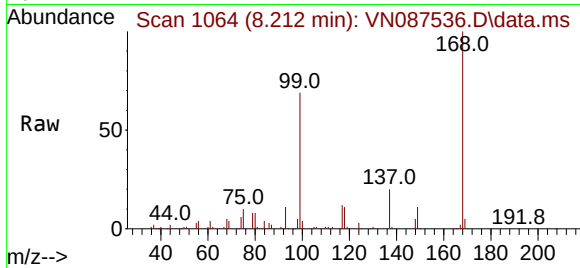




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.212 min Scan# 10
Delta R.T. -0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

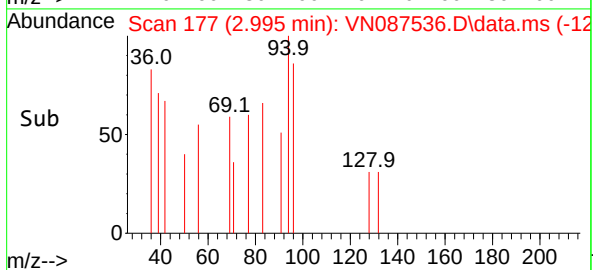
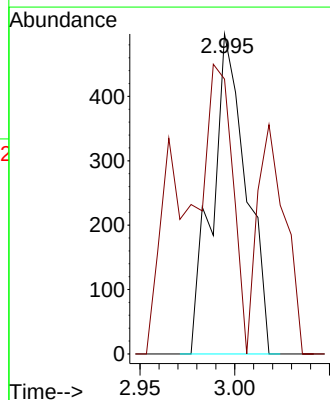
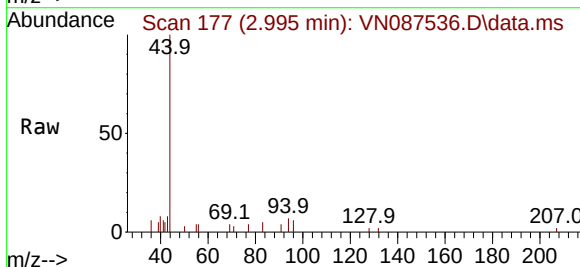
Instrument :
MSVOA_N
ClientSampleId :

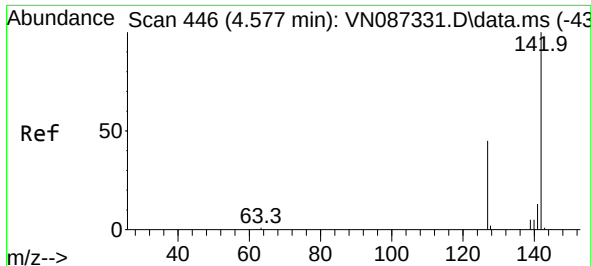
Tgt Ion:168 Resp: 221491
Ion Ratio Lower Upper
168 100
99 69.2 47.9 71.9



#5
Bromomethane
Concen: 0.409 ug/l
RT: 2.995 min Scan# 177
Delta R.T. 0.024 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

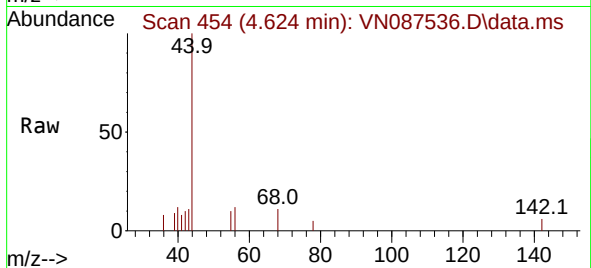
Tgt Ion: 94 Resp: 622
Ion Ratio Lower Upper
94 100
96 43.9 73.4 110.2#



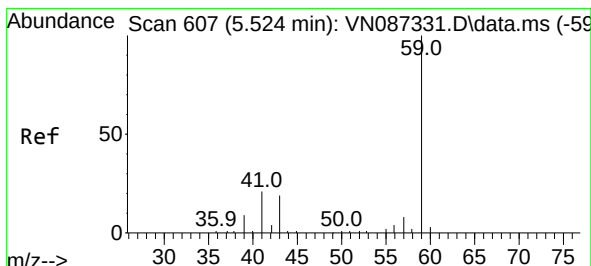
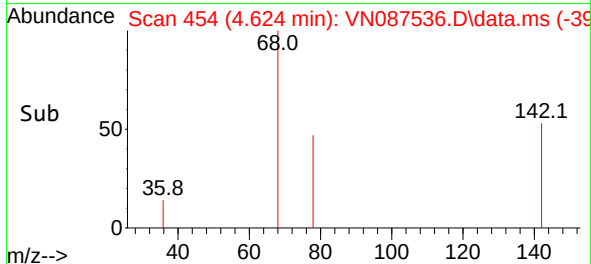
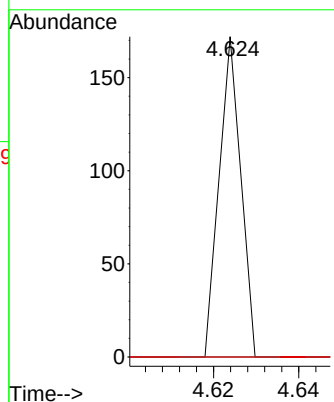


#10
Methyl Iodide
Concen: 5.655 ug/l
RT: 4.624 min Scan# 41
Delta R.T. 0.047 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :

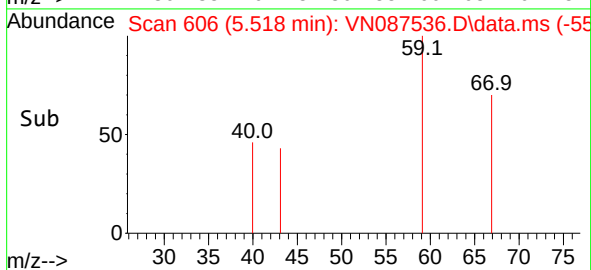
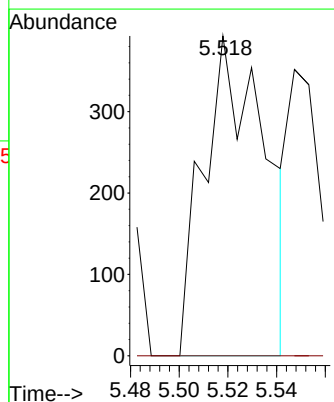
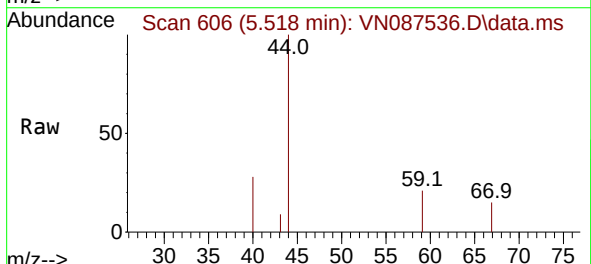


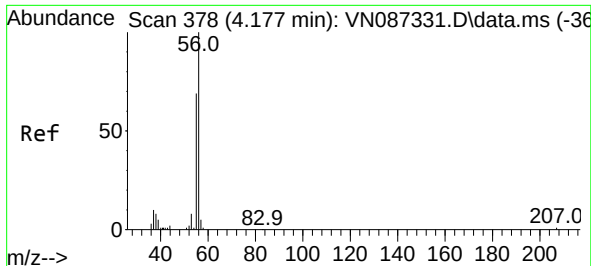
Tgt Ion:142 Resp: 61
Ion Ratio Lower Upper
142 100
127 0.0 35.7 53.5#
141 0.0 10.4 15.6#



#11
Tert butyl alcohol
Concen: 0.957 ug/l
RT: 5.518 min Scan# 606
Delta R.T. -0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 59 Resp: 683
Ion Ratio Lower Upper
59 100
57 0.0 8.3 12.5#

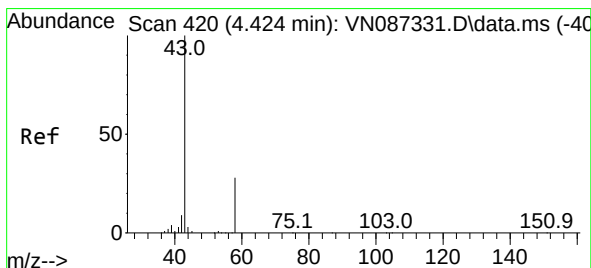
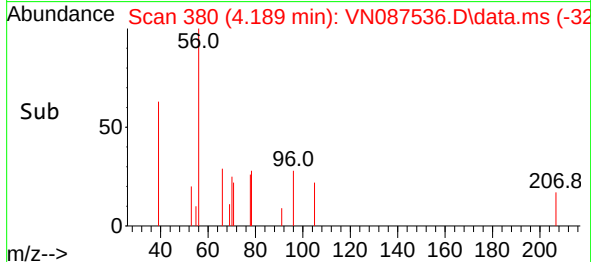
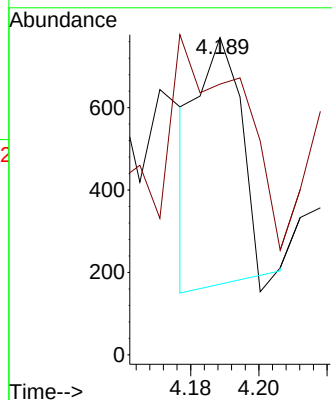
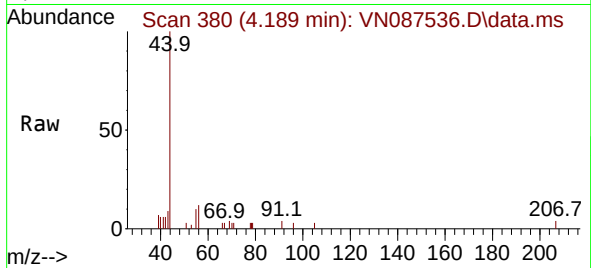




#13
Acrolein
Concen: 0.927 ug/l
RT: 4.189 min Scan# 31
Delta R.T. 0.012 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

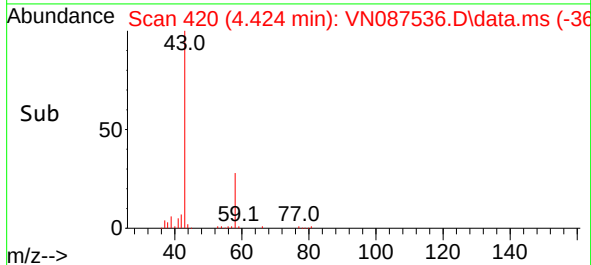
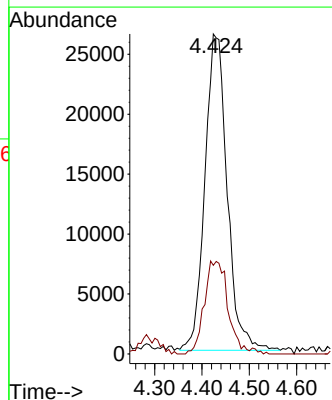
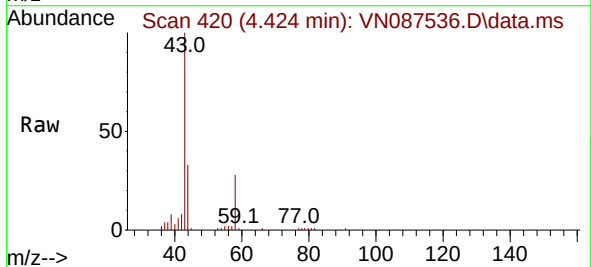
Instrument :
MSVOA_N
ClientSampleId :

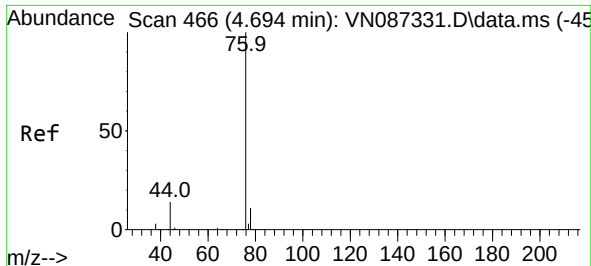
Tgt Ion: 56 Resp: 531
Ion Ratio Lower Upper
56 100
55 151.2 56.2 84.4#



#16
Acetone
Concen: 48.930 ug/l
RT: 4.424 min Scan# 420
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 43 Resp: 86221
Ion Ratio Lower Upper
43 100
58 28.0 22.3 33.5

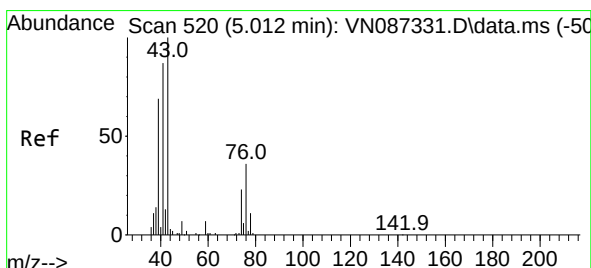
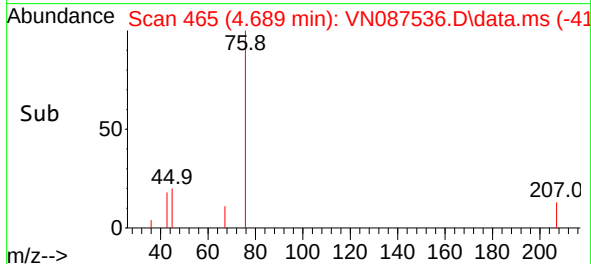
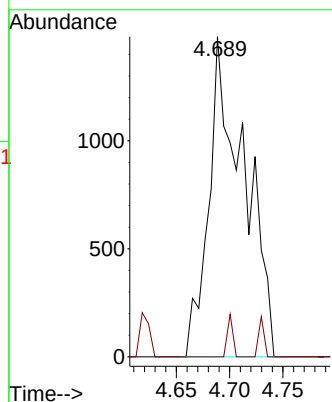
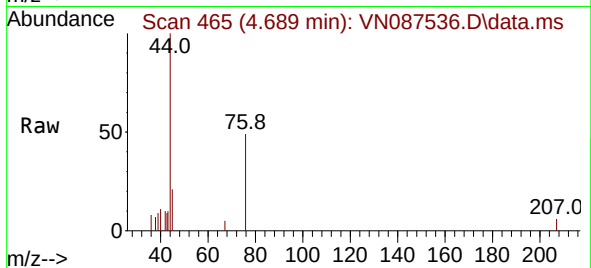




#17
Carbon Disulfide
Concen: 0.454 ug/l
RT: 4.689 min Scan# 465
Delta R.T. -0.005 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

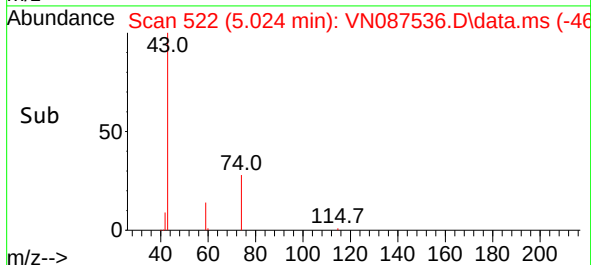
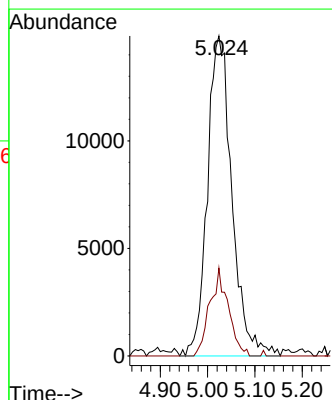
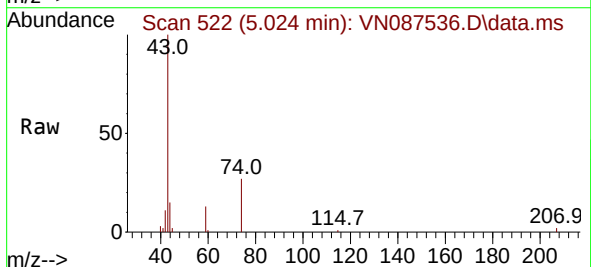
Instrument :
MSVOA_N
ClientSampleId :

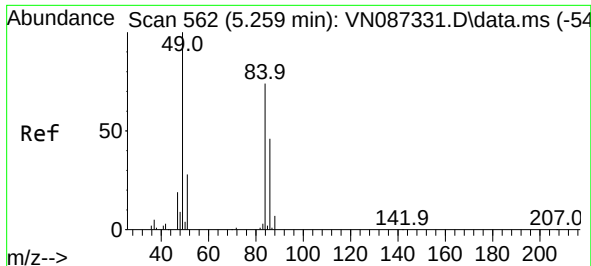
Tgt Ion: 76 Resp: 3406
Ion Ratio Lower Upper
76 100
78 0.0 8.6 13.0#



#18
Methyl Acetate
Concen: 12.078 ug/l
RT: 5.024 min Scan# 522
Delta R.T. 0.012 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

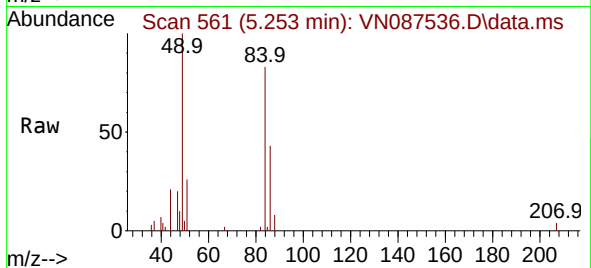
Tgt Ion: 43 Resp: 53471
Ion Ratio Lower Upper
43 100
74 20.8 17.8 26.6



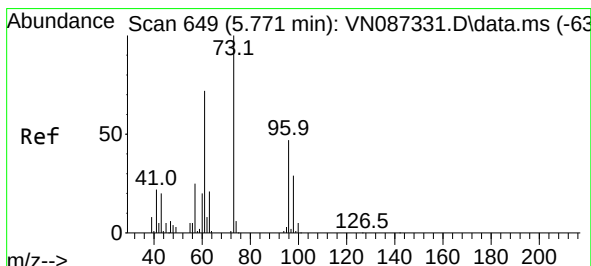
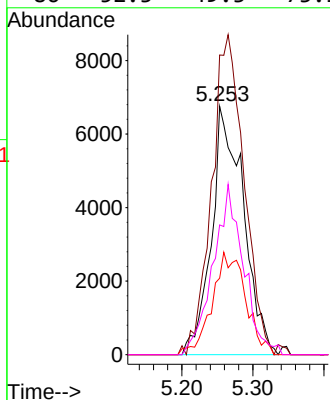
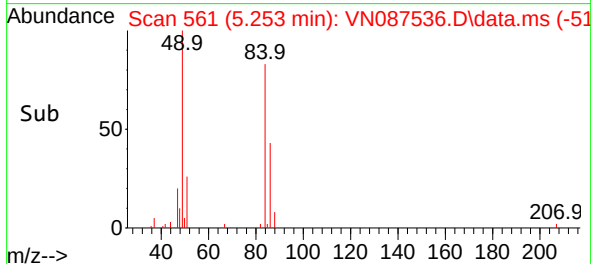


#20
Methylene Chloride
Concen: 6.506 ug/l
RT: 5.253 min Scan# 51
Delta R.T. -0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :

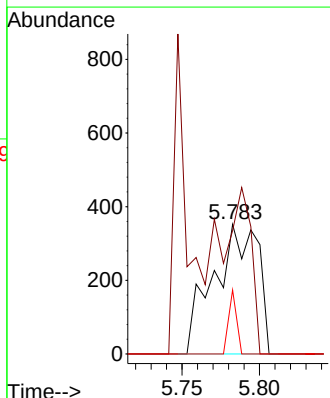
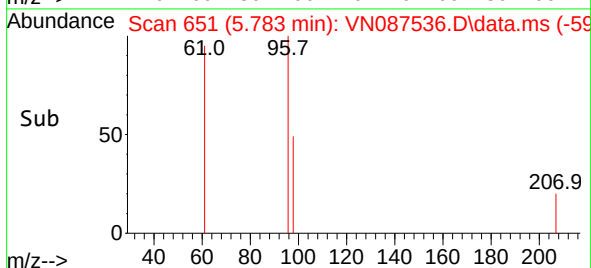
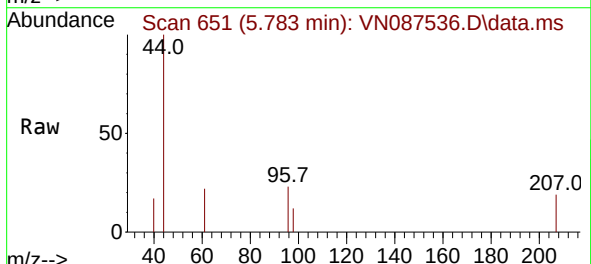


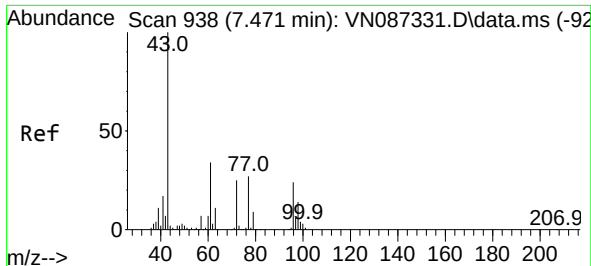
Tgt Ion:	84	Resp:	21039
Ion	Ratio	Lower	Upper
84	100		
49	120.7	107.5	161.3
51	30.8	30.2	45.2
86	52.3	49.3	73.9



#21
trans-1,2-Dichloroethene
Concen: 0.247 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.012 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion:	96	Resp:	703
Ion	Ratio	Lower	Upper
96	100		
61	95.2	122.0	183.0#
98	49.4	50.0	75.0#

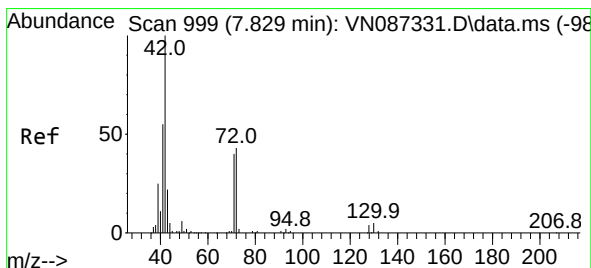
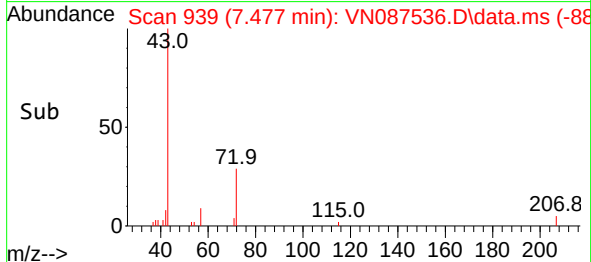
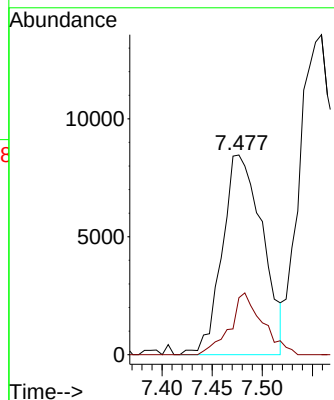
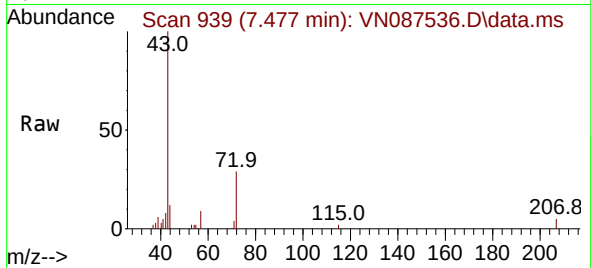




#25
2-Butanone
Concen: 8.708 ug/l
RT: 7.477 min Scan# 91
Delta R.T. 0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

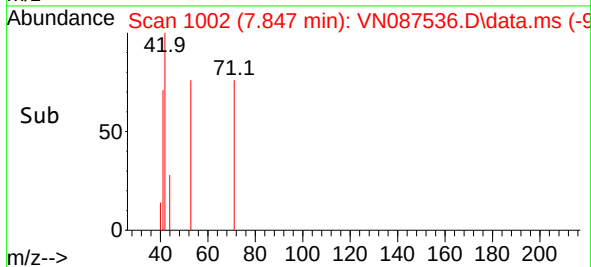
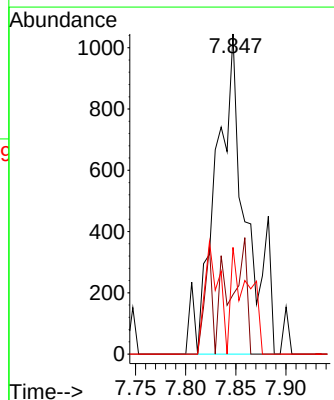
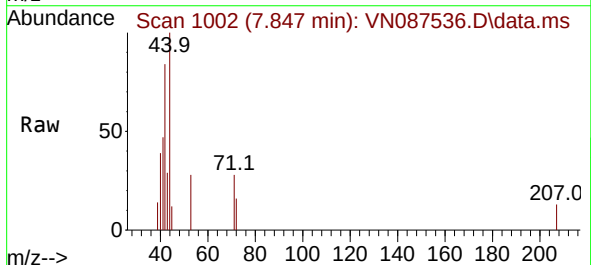
Instrument :
MSVOA_N
ClientSampleId :

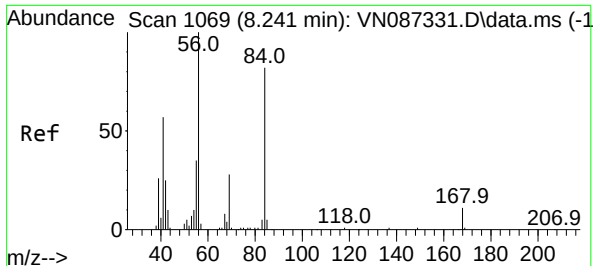
Tgt Ion: 43 Resp: 23709
Ion Ratio Lower Upper
43 100
72 28.5 19.6 29.4



#29
Tetrahydrofuran
Concen: 1.239 ug/l
RT: 7.847 min Scan# 1002
Delta R.T. 0.018 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

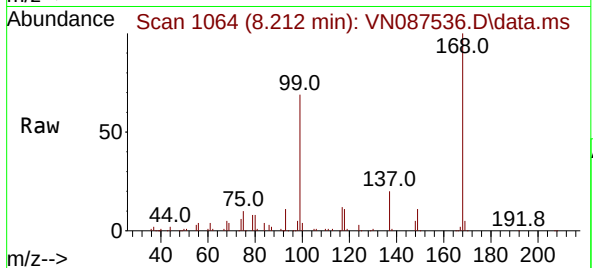
Tgt Ion: 42 Resp: 2191
Ion Ratio Lower Upper
42 100
72 20.6 33.4 50.0#
71 19.6 31.2 46.8#



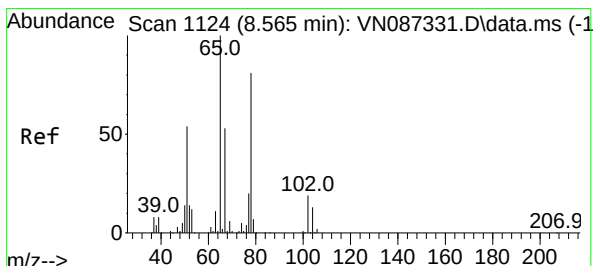
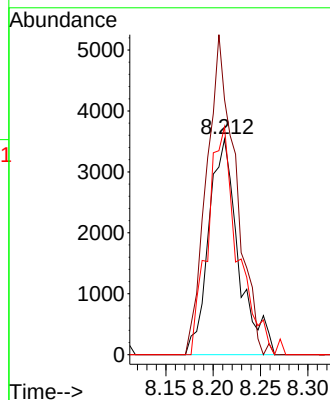
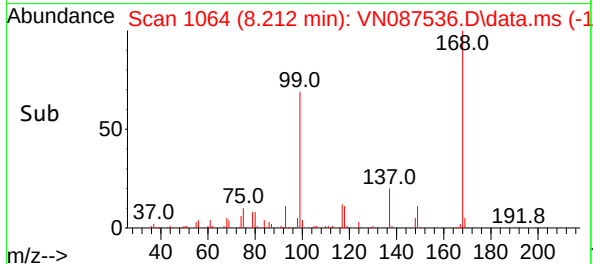


#31
Cyclohexane
Concen: 1.670 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.029 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :

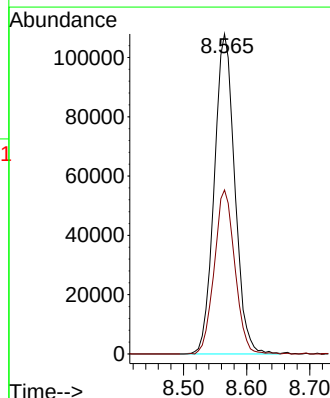
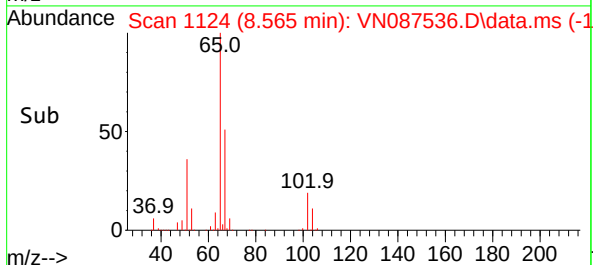
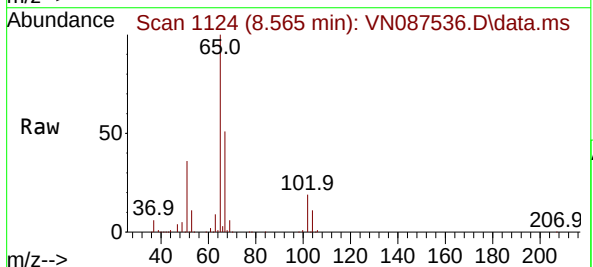


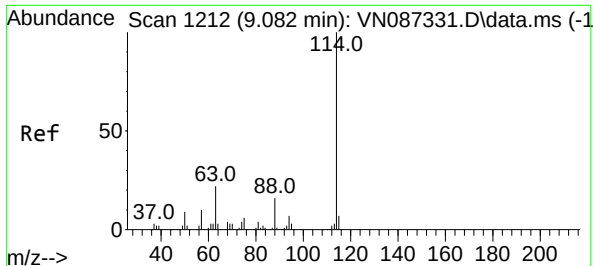
Tgt Ion: 56 Resp: 7717
Ion Ratio Lower Upper
56 100
69 118.4 22.7 34.1#
84 105.7 65.8 98.6#



#33
1,2-Dichloroethane-d4
Concen: 64.758 ug/l
RT: 8.565 min Scan# 1124
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 65 Resp: 243377
Ion Ratio Lower Upper
65 100
67 51.3 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.088 min Scan# 11

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

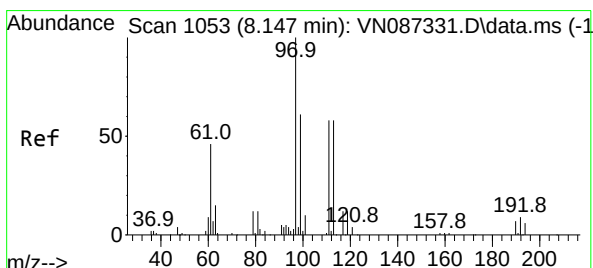
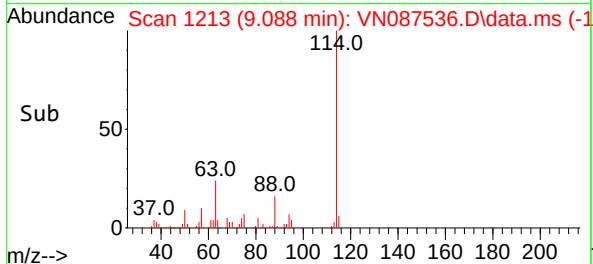
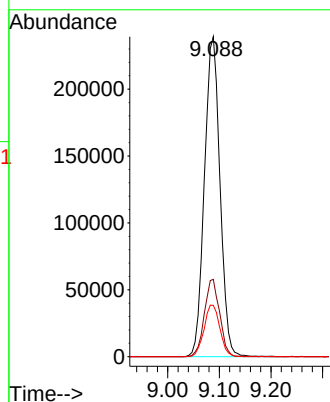
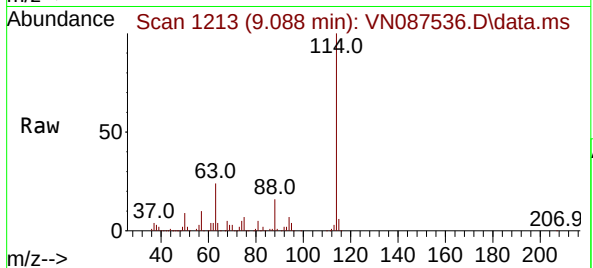
Tgt Ion:114 Resp: 499677

Ion Ratio Lower Upper

114 100

63 24.1 0.0 44.6

88 16.0 0.0 32.8



#35

Dibromofluoromethane

Concen: 50.693 ug/l

RT: 8.153 min Scan# 1054

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

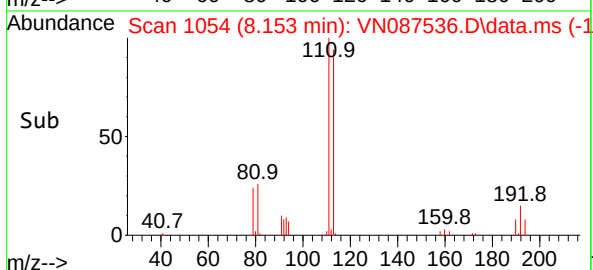
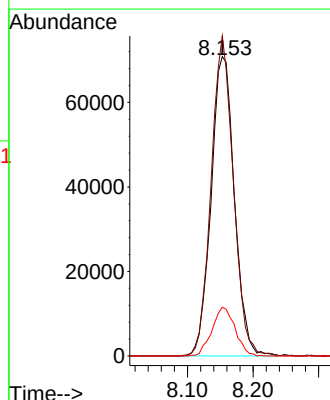
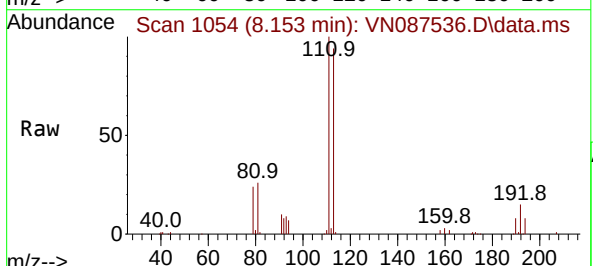
Tgt Ion:113 Resp: 174728

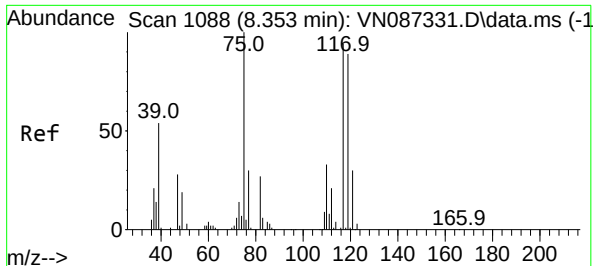
Ion Ratio Lower Upper

113 100

111 101.9 82.5 123.7

192 16.1 13.7 20.5





#36

1,1-Dichloropropene

Concen: 5.055 ug/l

RT: 8.206 min Scan# 1

Delta R.T. -0.147 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

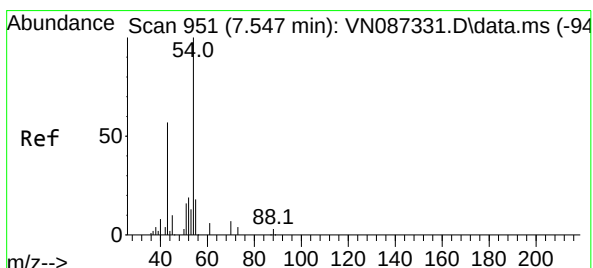
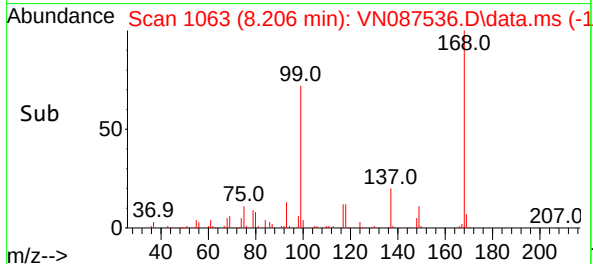
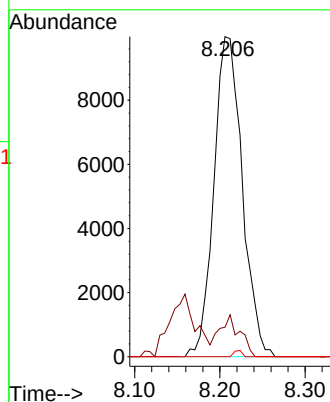
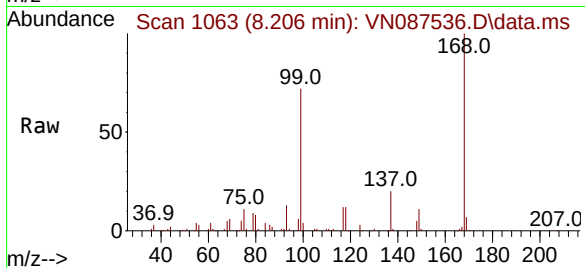
Tgt Ion: 75 Resp: 23021

Ion Ratio Lower Upper

75 100

110 9.5 16.7 50.1#

77 0.6 25.2 37.8#



#37

Ethyl Acetate

Concen: 5.278 ug/l

RT: 7.559 min Scan# 953

Delta R.T. 0.012 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

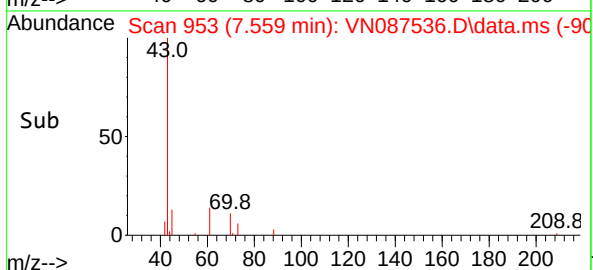
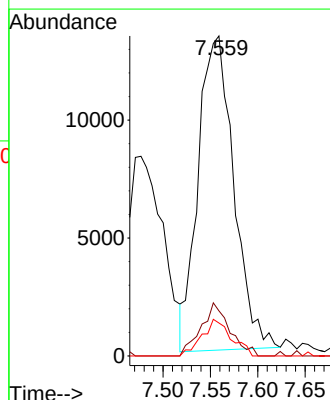
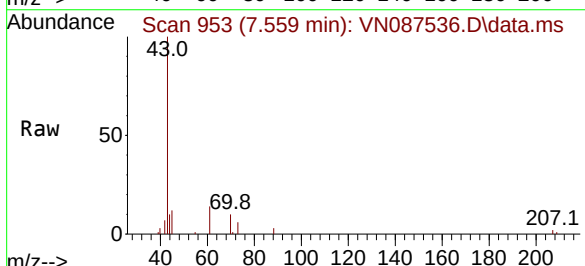
Tgt Ion: 43 Resp: 34715

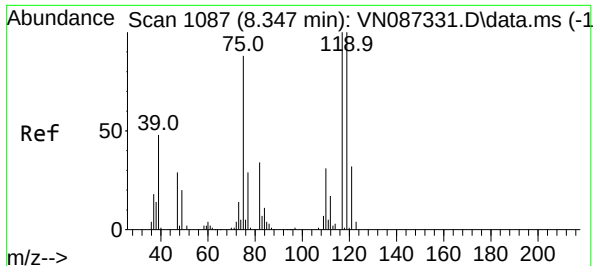
Ion Ratio Lower Upper

43 100

61 13.6 10.9 16.3

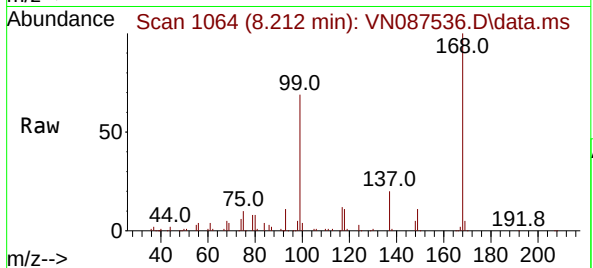
70 9.6 7.4 11.0



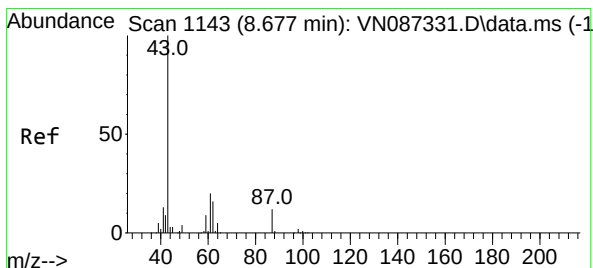
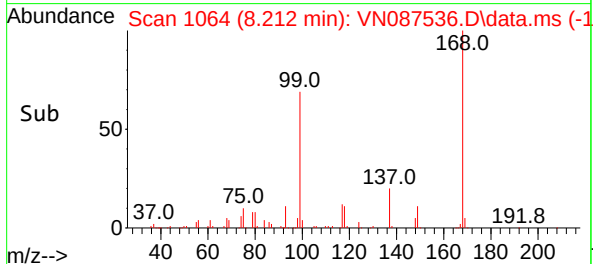
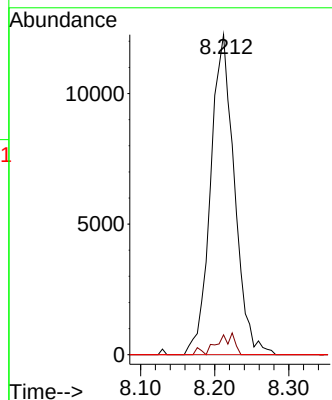


#38
Carbon Tetrachloride
Concen: 5.457 ug/l
RT: 8.212 min Scan# 1106
Delta R.T. -0.135 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :

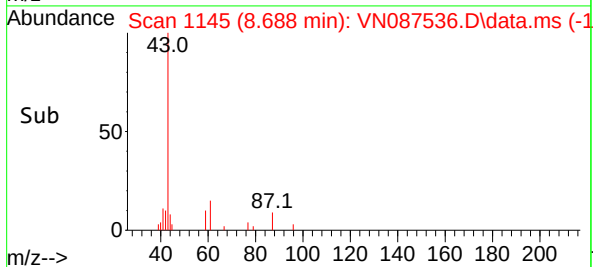
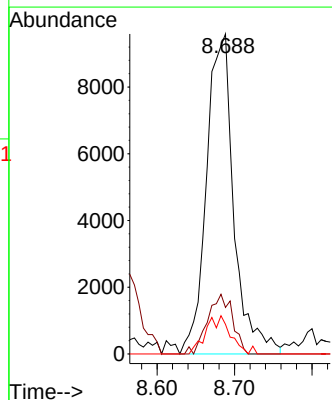
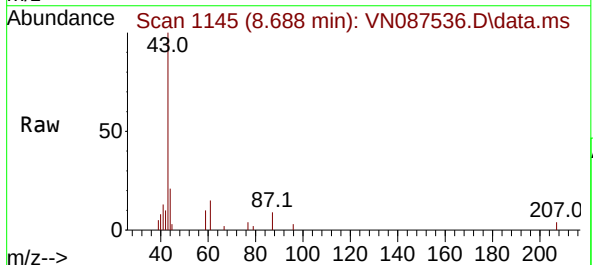


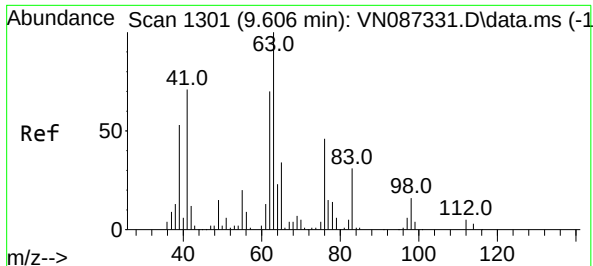
Tgt Ion:117 Resp: 27374
Ion Ratio Lower Upper
117 100
119 6.2 80.2 120.2#
121 0.0 25.4 38.2#



#43
Isopropyl Acetate
Concen: 2.301 ug/l
RT: 8.688 min Scan# 1145
Delta R.T. 0.011 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 43 Resp: 23495
Ion Ratio Lower Upper
43 100
61 17.1 19.8 29.8#
87 10.6 9.8 14.6





#45

1,2-Dichloropropane

Concen: 0.726 ug/l

RT: 9.724 min Scan# 1321

Delta R.T. 0.118 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

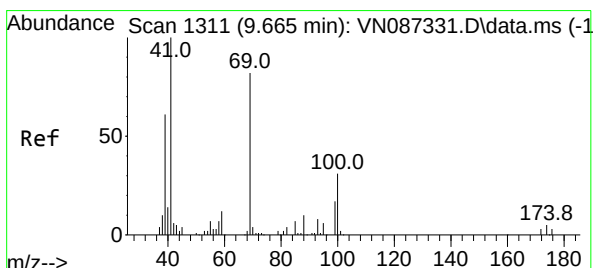
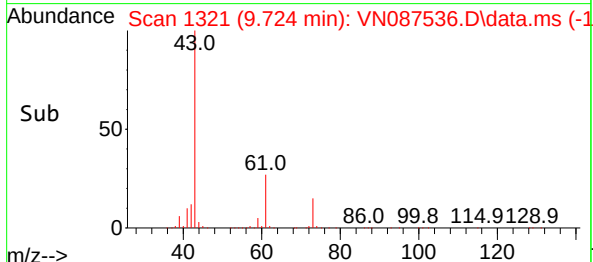
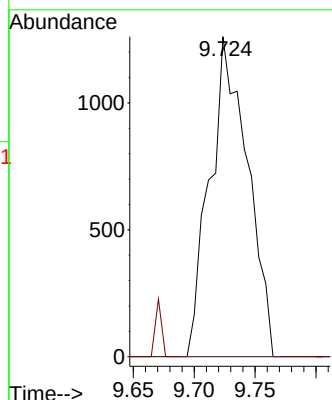
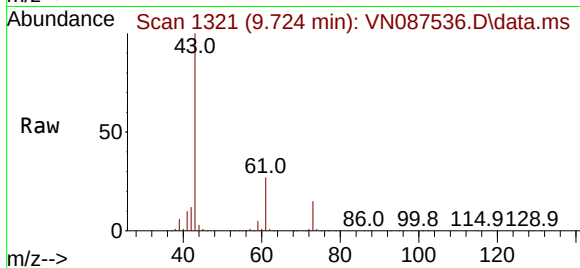
ClientSampleId :

Tgt Ion: 63 Resp: 2715

Ion Ratio Lower Upper

63 100

65 0.0 27.0 40.4#



#48

Methyl methacrylate

Concen: 41.318 ug/l

RT: 9.729 min Scan# 1322

Delta R.T. 0.065 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

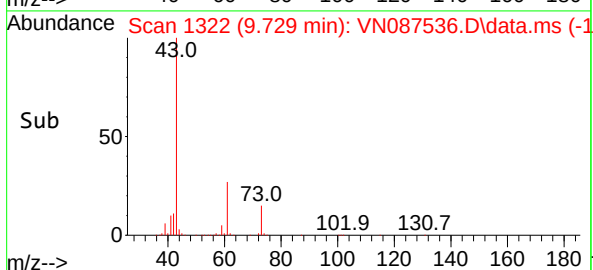
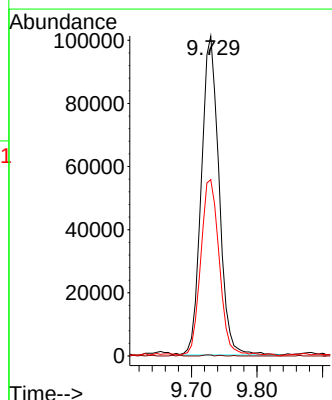
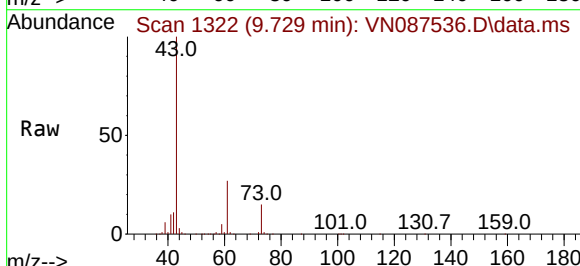
Tgt Ion: 41 Resp: 189905

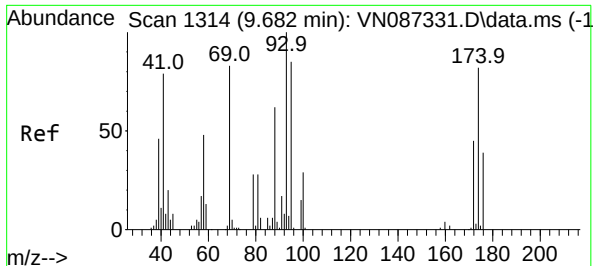
Ion Ratio Lower Upper

41 100

69 0.2 64.1 96.1#

39 57.3 45.5 68.3





#49

1,4-Dioxane

Concen: 2.955 ug/l

RT: 9.718 min Scan# 11

Delta R.T. 0.036 min

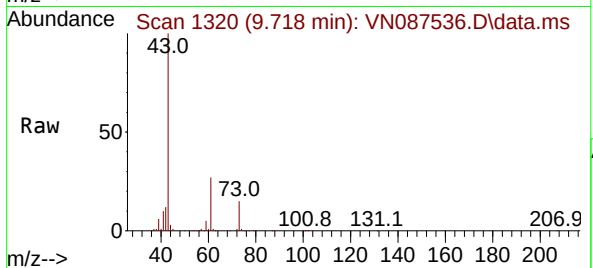
Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :



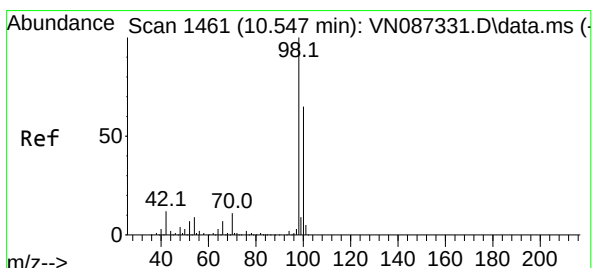
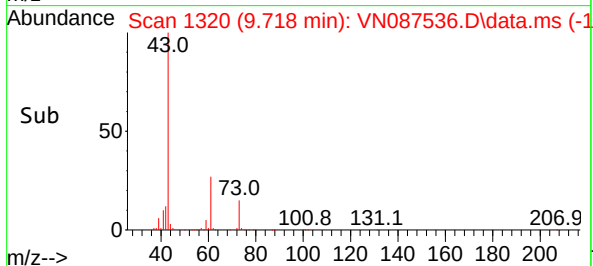
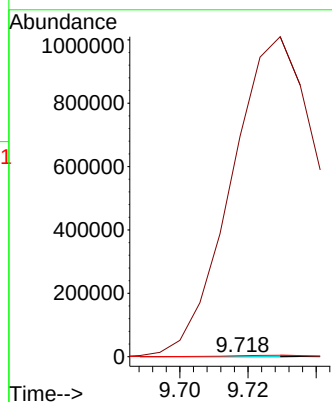
Tgt Ion: 88 Resp: 208

Ion Ratio Lower Upper

88 100

43 911747.1 0.0 0.0#

58 4093.3 61.1 91.7#



#50

Toluene-d8

Concen: 53.318 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. 0.000 min

Lab File: VN087536.D

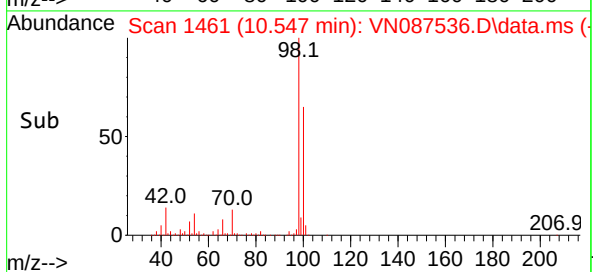
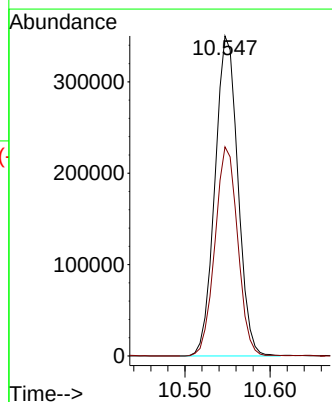
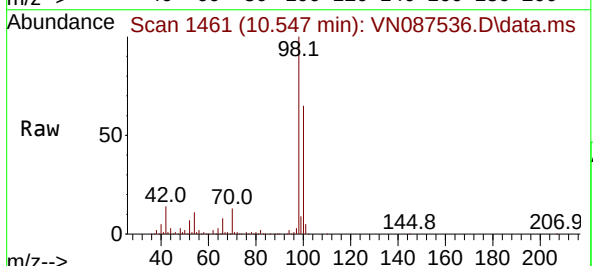
Acq: 13 Aug 2025 15:36

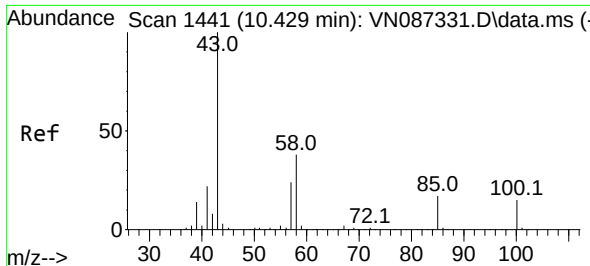
Tgt Ion: 98 Resp: 655545

Ion Ratio Lower Upper

98 100

100 64.8 52.1 78.1

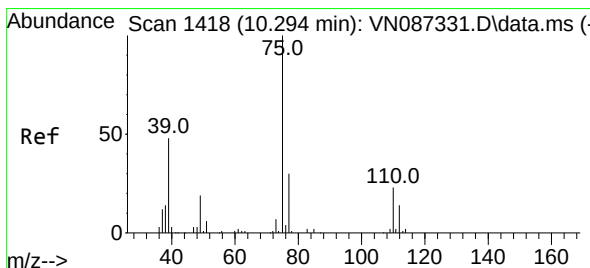
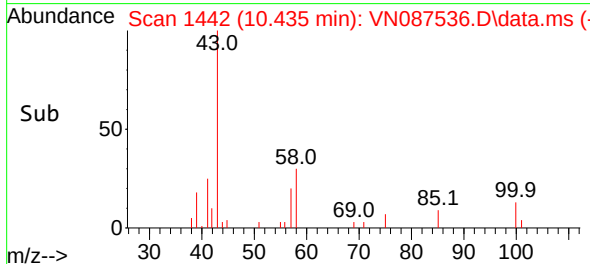
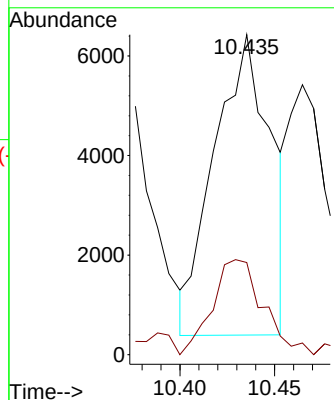
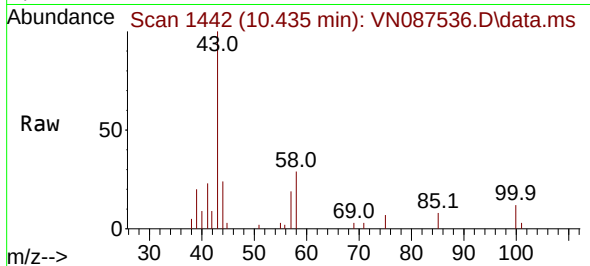




#51
4-Methyl-2-Pentanone
Concen: 1.924 ug/l
RT: 10.435 min Scan# 1441
Delta R.T. 0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

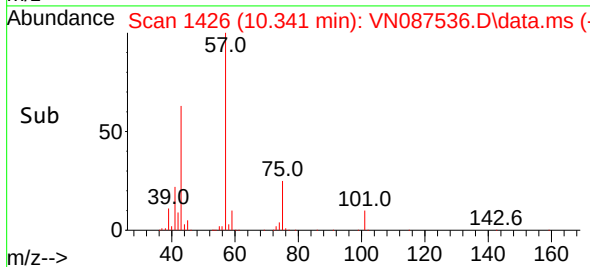
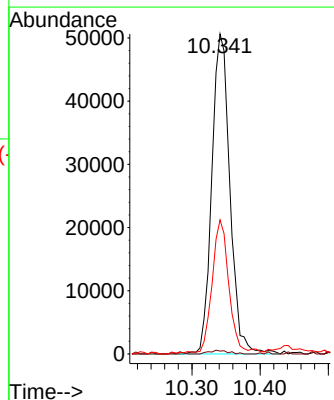
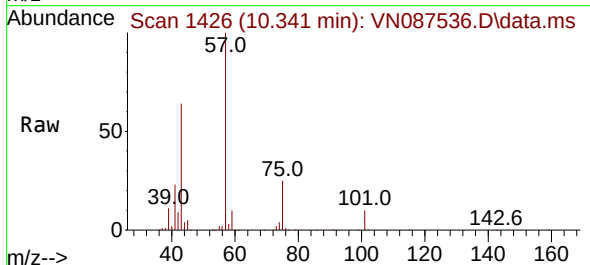
Instrument :
MSVOA_N
ClientSampleId :

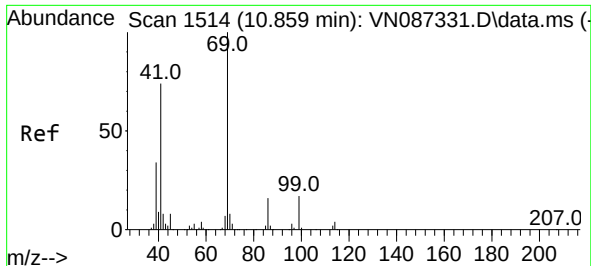
Tgt Ion: 43 Resp: 12422
Ion Ratio Lower Upper
43 100
58 28.5 30.8 46.2#



#54
cis-1,3-Dichloropropene
Concen: 15.915 ug/l
RT: 10.341 min Scan# 1426
Delta R.T. 0.047 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

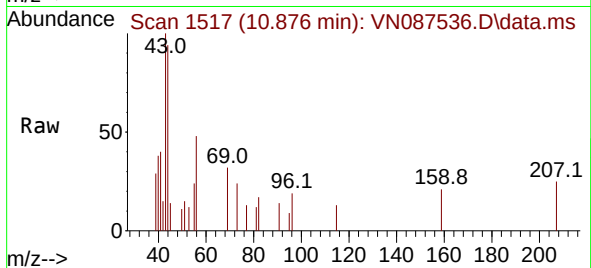
Tgt Ion: 75 Resp: 93830
Ion Ratio Lower Upper
75 100
77 0.9 24.2 36.2#
39 41.5 38.4 57.6



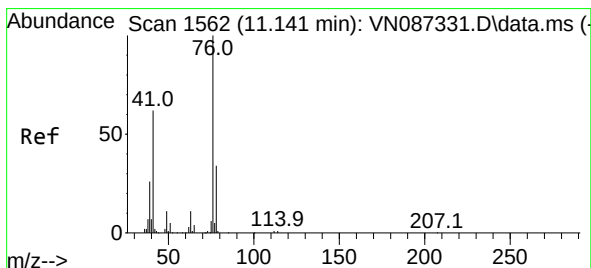
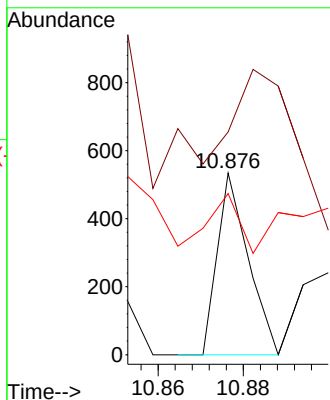
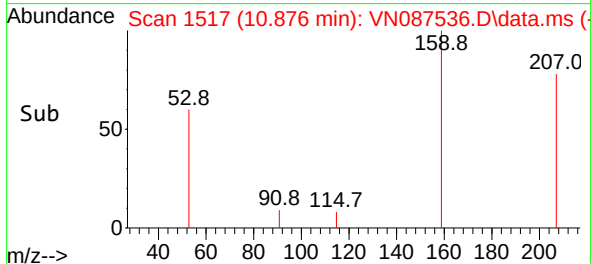


#56
 Ethyl methacrylate
 Concen: 0.680 ug/l
 RT: 10.876 min Scan# 1514
 Delta R.T. 0.017 min
 Lab File: VN087536.D
 Acq: 13 Aug 2025 15:36

Instrument :
 MSVOA_N
 ClientSampleId :

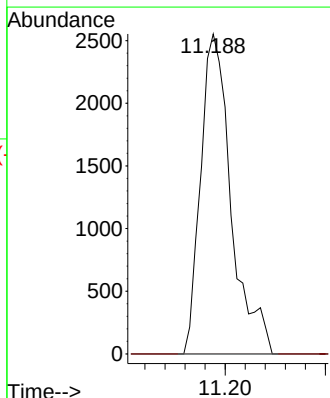
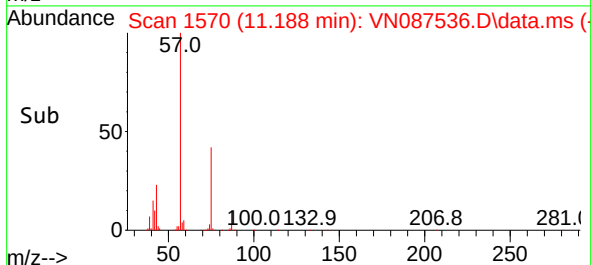
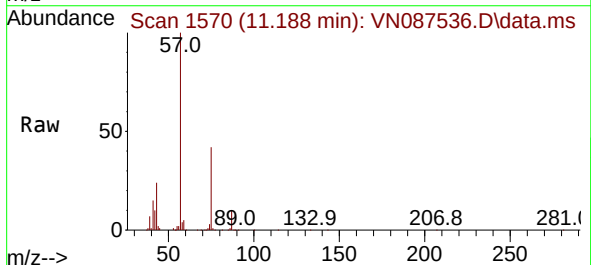


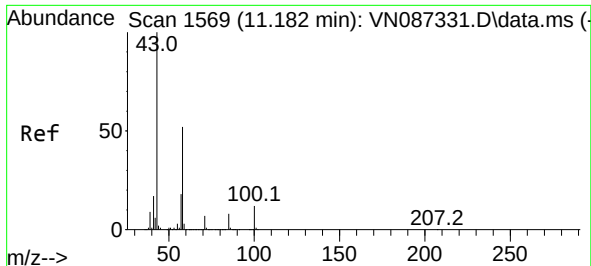
Tgt Ion: 69 Resp: 268
 Ion Ratio Lower Upper
 69 100
 41 0.0 55.1 82.7#
 39 0.0 27.9 41.9#



#57
 1,3-Dichloropropane
 Concen: 0.863 ug/l
 RT: 11.188 min Scan# 1570
 Delta R.T. 0.047 min
 Lab File: VN087536.D
 Acq: 13 Aug 2025 15:36

Tgt Ion: 76 Resp: 5404
 Ion Ratio Lower Upper
 76 100
 78 0.0 26.0 39.0#

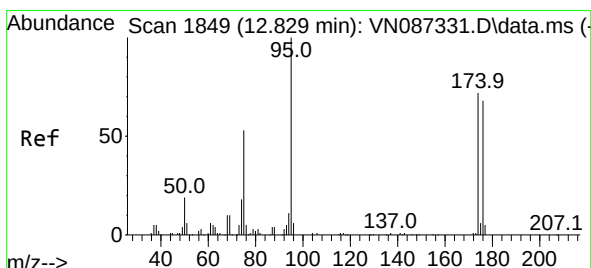
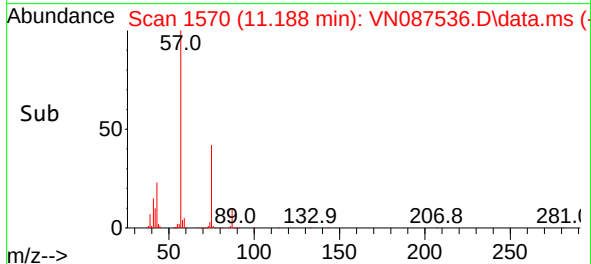
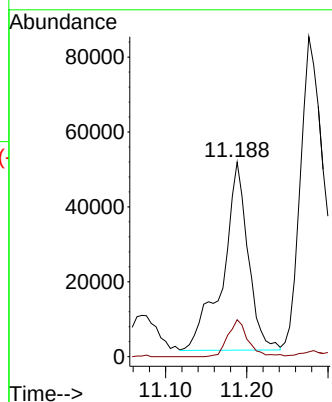
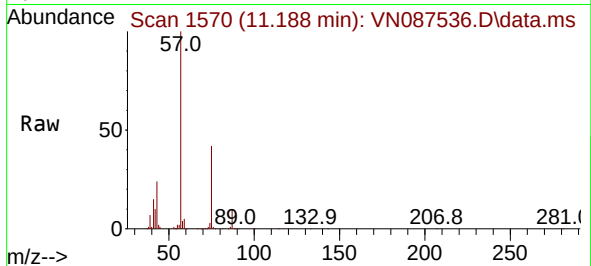




#59
2-Hexanone
Concen: 25.431 ug/l
RT: 11.188 min Scan# 1569
Delta R.T. 0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

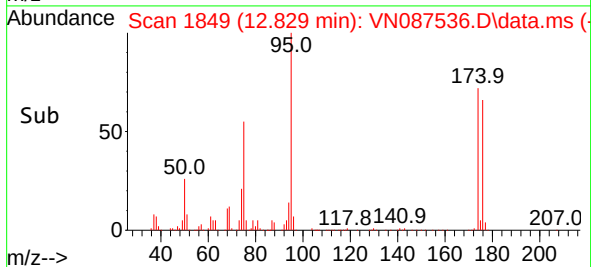
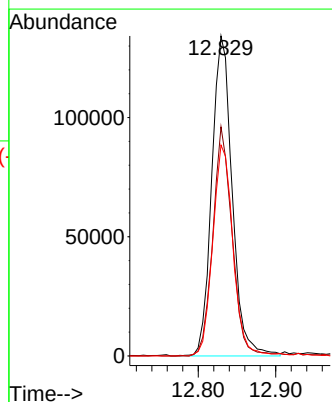
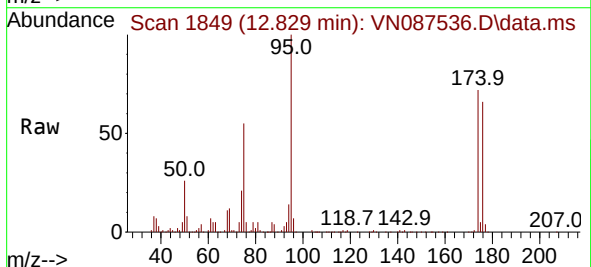
Instrument :
MSVOA_N
ClientSampleId :

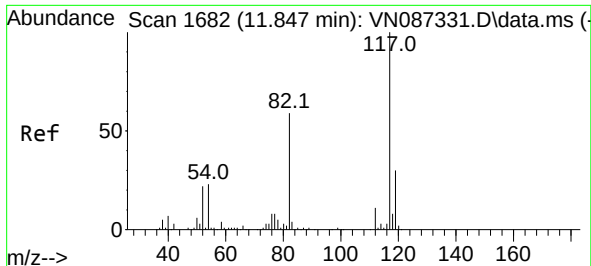
Tgt Ion: 43 Resp: 108947
Ion Ratio Lower Upper
43 100
58 15.7 26.7 80.0#



#62
4-Bromofluorobenzene
Concen: 54.088 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

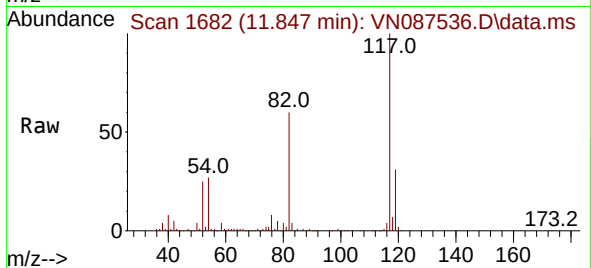
Tgt Ion: 95 Resp: 245693
Ion Ratio Lower Upper
95 100
174 67.8 0.0 149.4
176 65.6 0.0 141.2



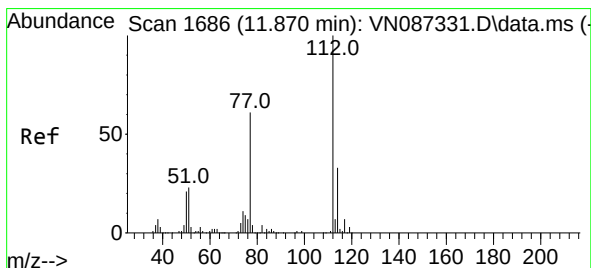
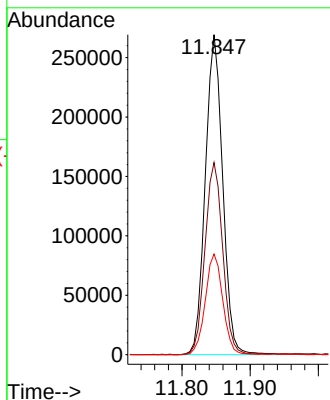
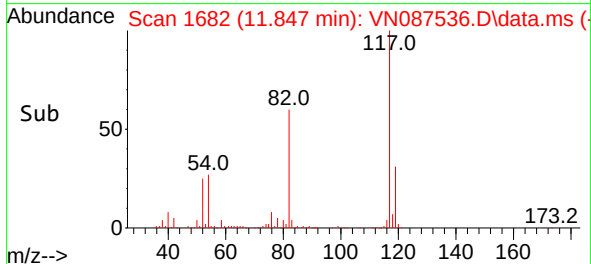


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.847 min Scan# 1170
Delta R.T. -0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Instrument :
MSVOA_N
ClientSampleId :

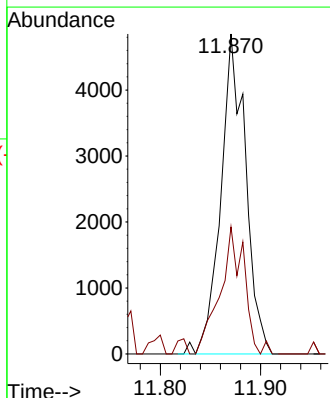
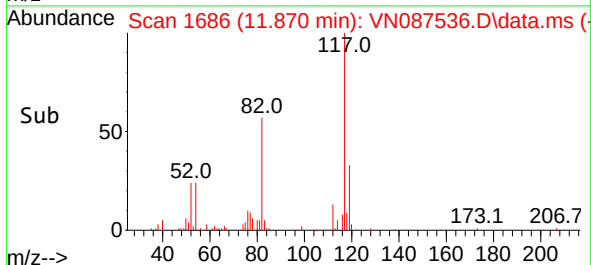
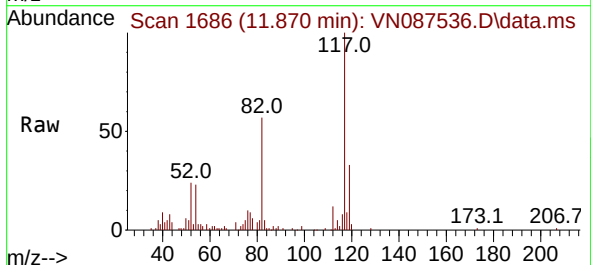


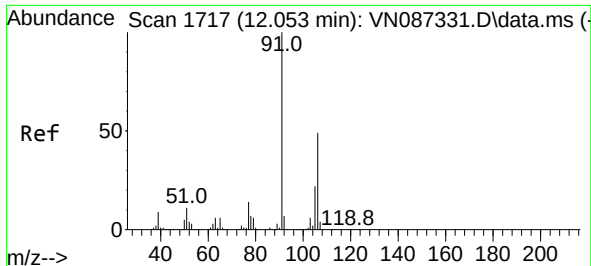
Tgt Ion:117 Resp: 478898
Ion Ratio Lower Upper
117 100
82 60.0 47.4 71.2
119 31.5 23.8 35.8



#65
Chlorobenzene
Concen: 0.775 ug/l
RT: 11.870 min Scan# 1686
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion:112 Resp: 8332
Ion Ratio Lower Upper
112 100
114 39.7 26.5 39.7

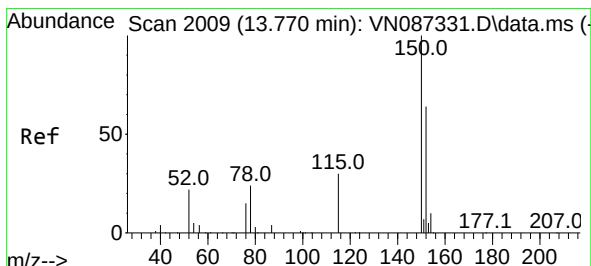
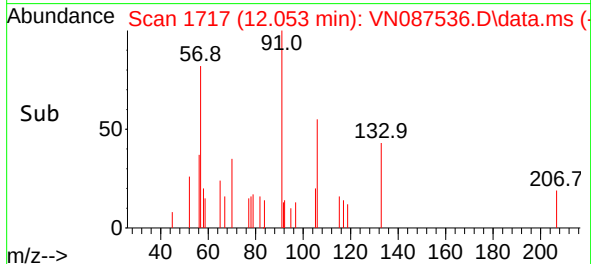
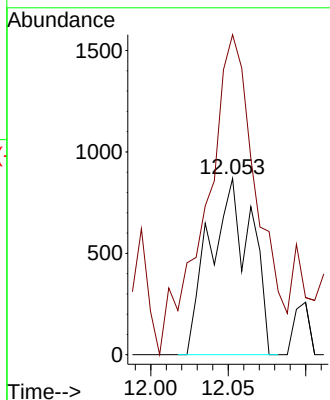
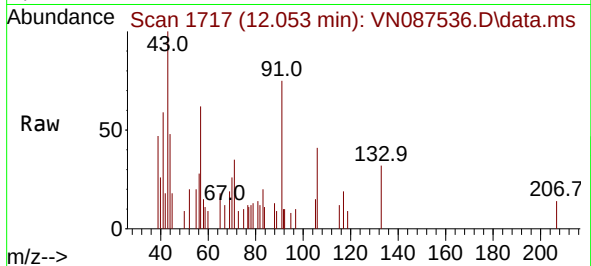




#68
m/p-Xylenes
Concen: 0.244 ug/l
RT: 12.053 min Scan# 11
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

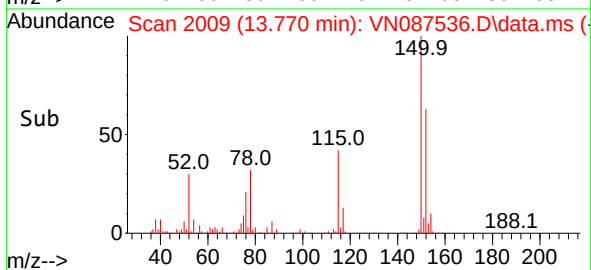
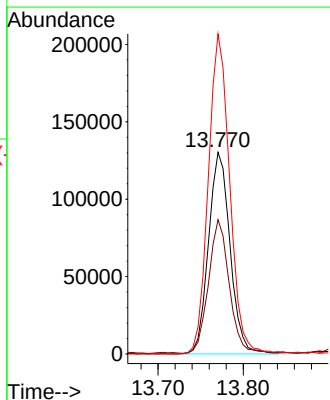
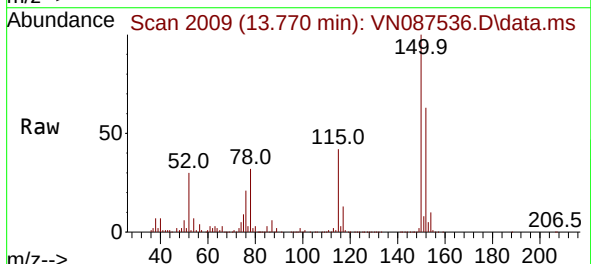
Instrument :
MSVOA_N
ClientSampleId :

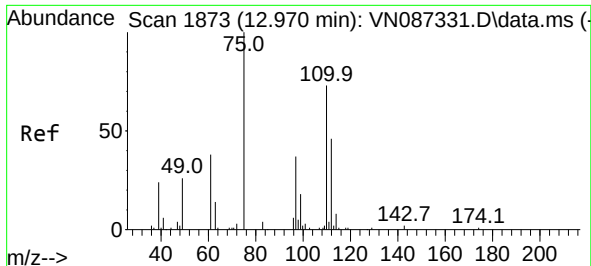
Tgt Ion:106 Resp: 1617
Ion Ratio Lower Upper
106 100
91 222.4 162.0 243.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion:152 Resp: 229716
Ion Ratio Lower Upper
152 100
115 63.5 31.1 93.5
150 157.2 0.0 349.0

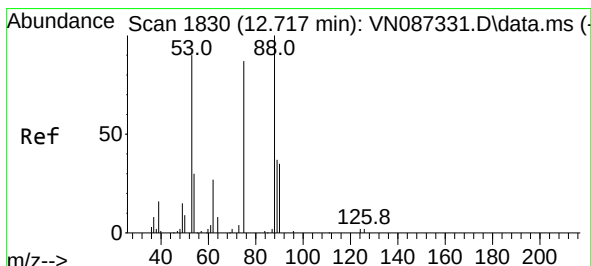
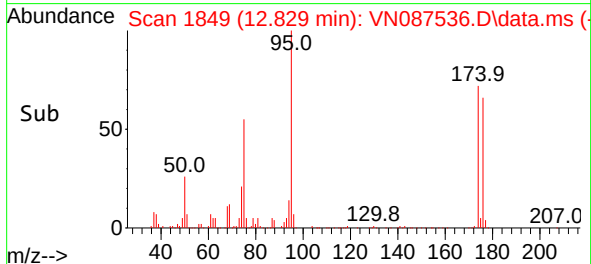
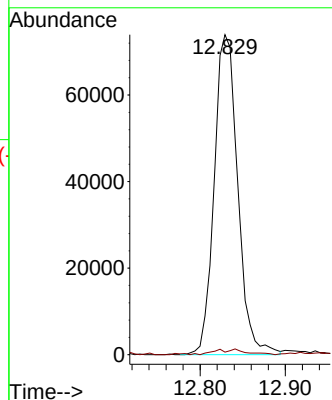
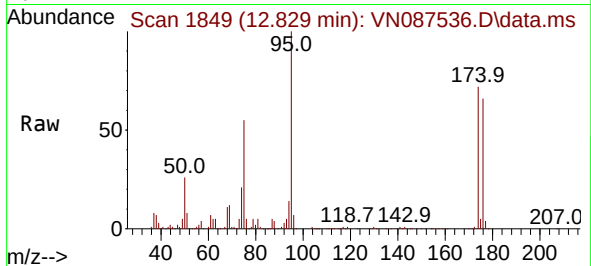




#76
1,2,3-Trichloropropane
Concen: 27.540 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

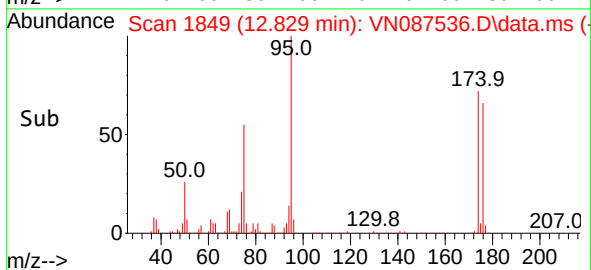
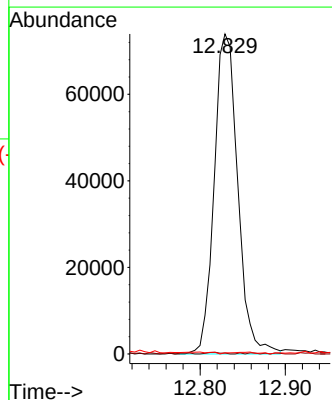
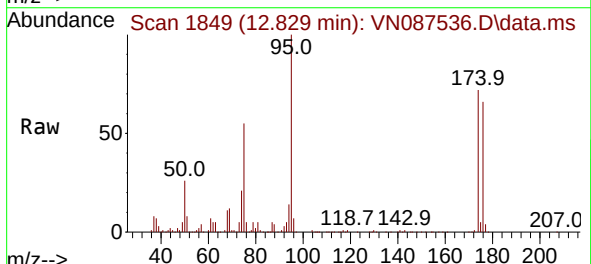
Instrument :
MSVOA_N
ClientSampleId :

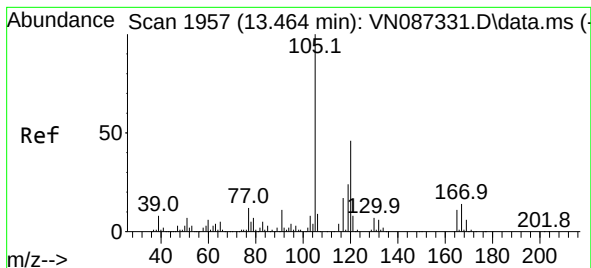
Tgt Ion: 75 Resp: 141866
Ion Ratio Lower Upper
75 100
77 1.0 94.5 283.6#



#81
trans-1,4-Dichloro-2-butene
Concen: 75.355 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 75 Resp: 141866
Ion Ratio Lower Upper
75 100
53 0.3 83.5 125.3#
89 0.0 38.4 57.6#





#84

1,2,4-Trimethylbenzene

Concen: 0.303 ug/l

RT: 13.464 min Scan# 1957

Delta R.T. 0.000 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

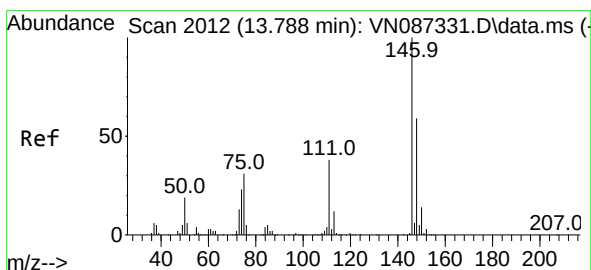
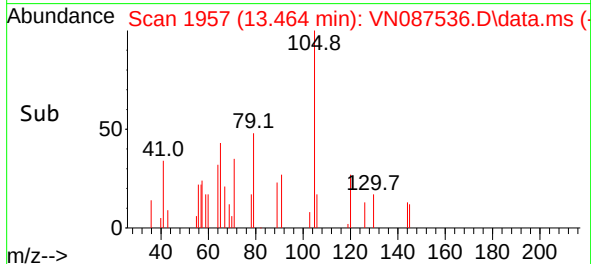
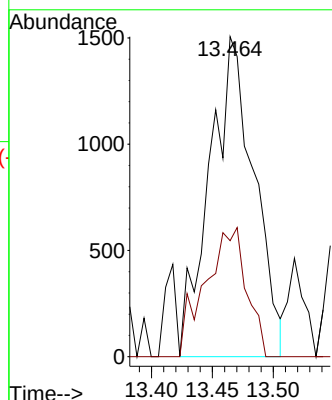
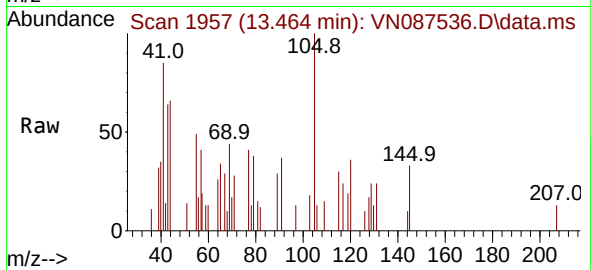
ClientSampleId :

Tgt Ion:105 Resp: 3817

Ion Ratio Lower Upper

105 100

120 37.5 22.8 68.3



#88

1,4-Dichlorobenzene

Concen: 0.357 ug/l

RT: 13.794 min Scan# 2013

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

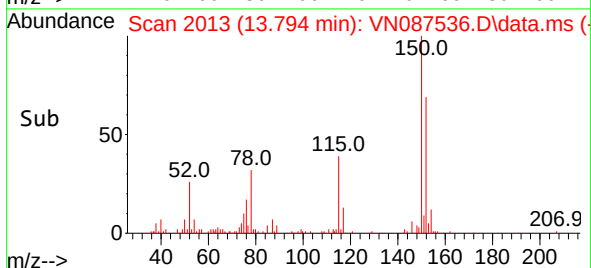
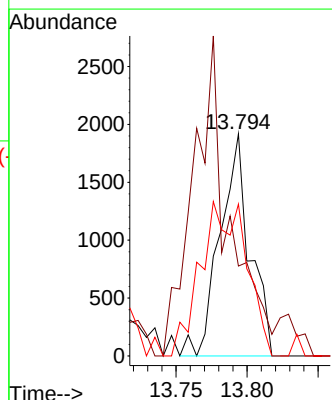
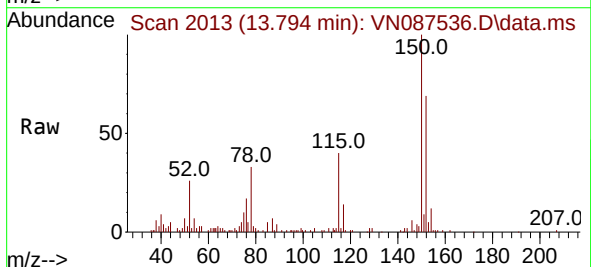
Tgt Ion:146 Resp: 2803

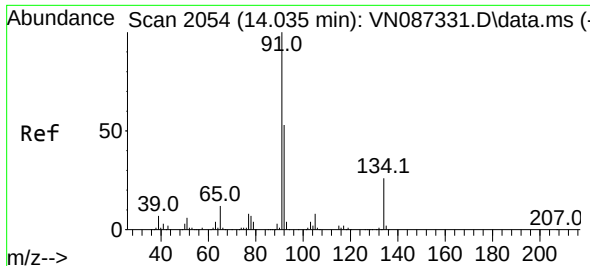
Ion Ratio Lower Upper

146 100

111 172.2 19.6 58.7#

148 106.3 31.4 94.0#

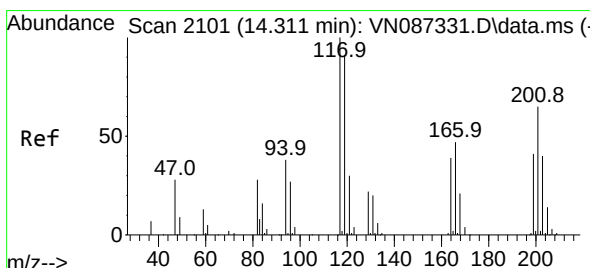
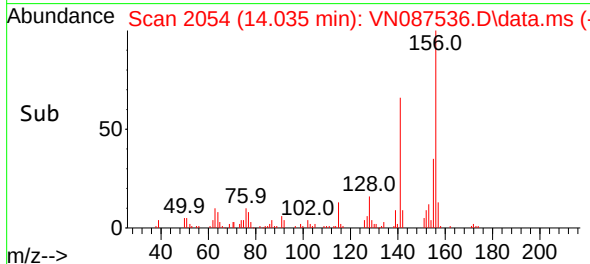
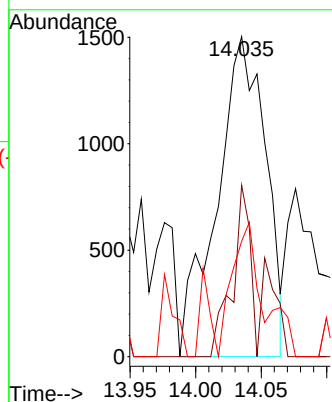
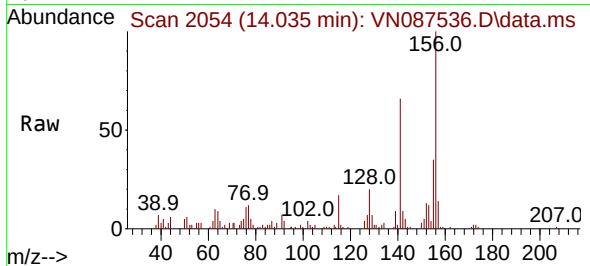




#89
n-Butylbenzene
Concen: 0.328 ug/l
RT: 14.035 min Scan# 2054
Delta R.T. 0.000 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

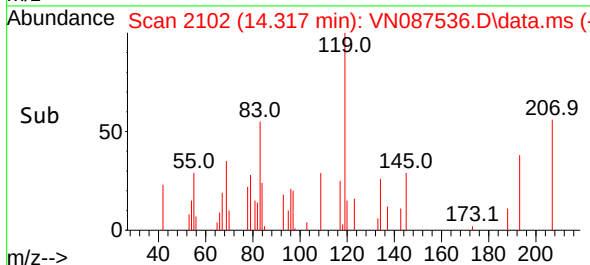
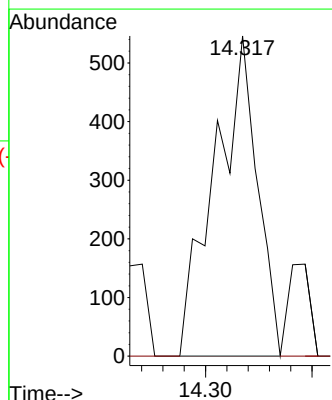
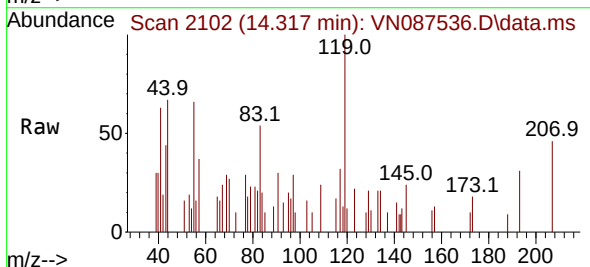
Instrument :
MSVOA_N
ClientSampleId :

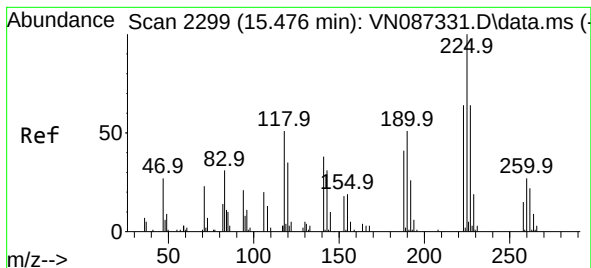
Tgt Ion: 91 Resp: 3889
Ion Ratio Lower Upper
91 100
92 19.6 26.2 78.6#
134 27.2 12.4 37.2



#90
Hexachloroethane
Concen: 0.288 ug/l
RT: 14.317 min Scan# 2102
Delta R.T. 0.006 min
Lab File: VN087536.D
Acq: 13 Aug 2025 15:36

Tgt Ion: 117 Resp: 759
Ion Ratio Lower Upper
117 100
201 0.0 32.8 98.4#





#94

Hexachlorobutadiene

Concen: 0.205 ug/l

RT: 15.476 min Scan# 21

Delta R.T. 0.000 min MSVOA_N

Lab File: VN087536.D

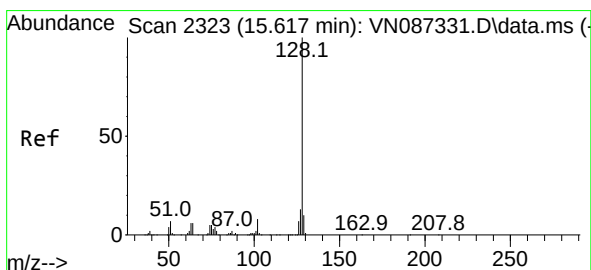
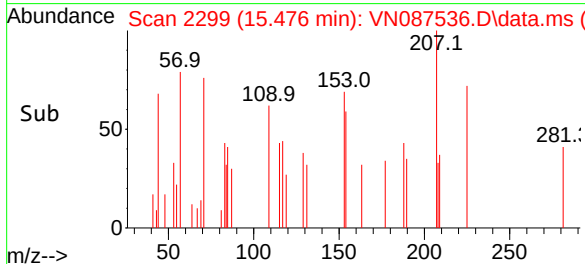
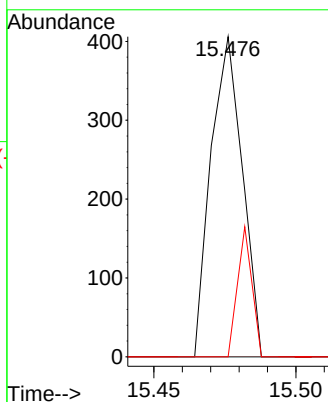
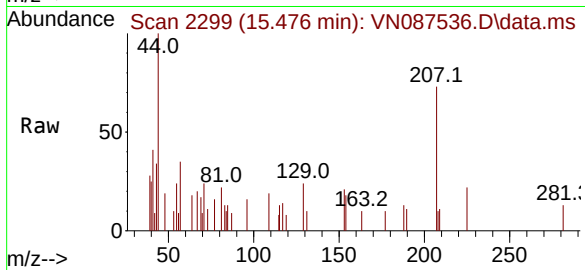
Acq: 13 Aug 2025 15:36

Instrument :

MSVOA_N

ClientSampleId :

Tgt Ion:225	Resp:	312
Ion Ratio	Lower	Upper
225	100	
223	0.0	32.1 96.3#
227	18.6	31.3 93.9#



#95

Naphthalene

Concen: 0.412 ug/l

RT: 15.623 min Scan# 2324

Delta R.T. 0.006 min

Lab File: VN087536.D

Acq: 13 Aug 2025 15:36

Tgt Ion:128	Resp:	5972
Ion Ratio	Lower	Upper
128	100	
127	12.0	10.5 15.7
129	18.3	8.4 12.6#

