

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110625\
 Data File : VN088202.D
 Acq On : 06 Nov 2025 13:48
 Operator : JC\MD
 Sample : Q3549-01
 Misc : 4.30g/10mL/100uL/5.0mL/MSVOA_N/MEOH
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 RT4922

Quant Time: Nov 07 02:18:29 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N102325W.M
 Quant Title : SW846 8260
 QLast Update : Mon Nov 03 01:16:06 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.206	168	240547	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.077	114	548480	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.847	117	518665	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	237839	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	255878	61.516	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 123.040%	
35) Dibromofluoromethane	8.147	113	189050	51.306	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 102.620%	
50) Toluene-d8	10.547	98	705208	49.670	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 99.340%	
62) 4-Bromofluorobenzene	12.829	95	257086	51.272	ug/l	0.00
Spiked Amount	50.000	Range	77 - 121	Recovery	= 102.540%	

Target Compounds				Qvalue		
3) Chloromethane	2.377	50	1249	0.391	ug/l	98
5) Bromomethane	2.918	94	3381	1.625	ug/l	98
10) Methyl Iodide	4.583	142	3569	1.364	ug/l #	73
11) Tert butyl alcohol	5.471	59	3103	4.330	ug/l #	71
13) Acrolein	4.189	56	172	0.213	ug/l #	1
15) Acrylonitrile	5.712	53	398	0.204	ug/l #	46
16) Acetone	4.418	43	9900	4.738	ug/l	99
17) Carbon Disulfide	4.683	76	3010	0.328	ug/l	95
18) Methyl Acetate	5.036	43	6997	1.636	ug/l #	71
20) Methylene Chloride	5.265	84	2712	0.773	ug/l #	63
25) 2-Butanone	7.459	43	803	0.292	ug/l #	50
29) Tetrahydrofuran	7.847	42	716	0.399	ug/l #	44
31) Cyclohexane	8.200	56	8625	1.481	ug/l #	34
36) 1,1-Dichloropropene	8.206	75	24592	4.571	ug/l #	51
38) Carbon Tetrachloride	8.200	117	28795	5.182	ug/l #	14
39) Methylcyclohexane	9.571	83	1901	0.275	ug/l #	60
49) 1,4-Dioxane	9.682	88	71	1.159	ug/l #	13
51) 4-Methyl-2-Pentanone	10.429	43	1549	0.245	ug/l #	74
71) Bromoform	12.823	173	618	0.215	ug/l #	1
76) 1,2,3-Trichloropropane	12.829	75	153518	28.232	ug/l #	1
78) n-propylbenzene	13.012	91	4709	0.210	ug/l	81
80) 1,3,5-Trimethylbenzene	13.159	105	3315	0.218	ug/l	88
81) trans-1,4-Dichloro-2-b...	12.829	75	153518	78.754	ug/l #	1
83) tert-Butylbenzene	13.418	119	3851	0.283	ug/l	91
84) 1,2,4-Trimethylbenzene	13.465	105	3604	0.236	ug/l	96
85) sec-Butylbenzene	13.594	105	6925	0.346	ug/l	98
86) p-Isopropyltoluene	13.717	119	5781	0.360	ug/l	87
87) 1,3-Dichlorobenzene	13.712	146	2589	0.328	ug/l	84
88) 1,4-Dichlorobenzene	13.712	146	2589	0.305	ug/l	85
89) n-Butylbenzene	14.041	91	7838	0.493	ug/l	88
90) Hexachloroethane	14.306	117	1544	0.497	ug/l	63
91) 1,2-Dichlorobenzene	14.088	146	2067	0.272	ug/l	86
93) 1,2,4-Trichlorobenzene	15.370	180	4368	0.948	ug/l	93
94) Hexachlorobutadiene	15.482	225	2751	1.602	ug/l	95
95) Naphthalene	15.617	128	9665	0.612	ug/l #	95
96) 1,2,3-Trichlorobenzene	15.817	180	4891	1.107	ug/l	87

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Quant Title : SW846 8260
QLast Update : Mon Nov 03 01:16:06 2025
Response via : Initial Calibration

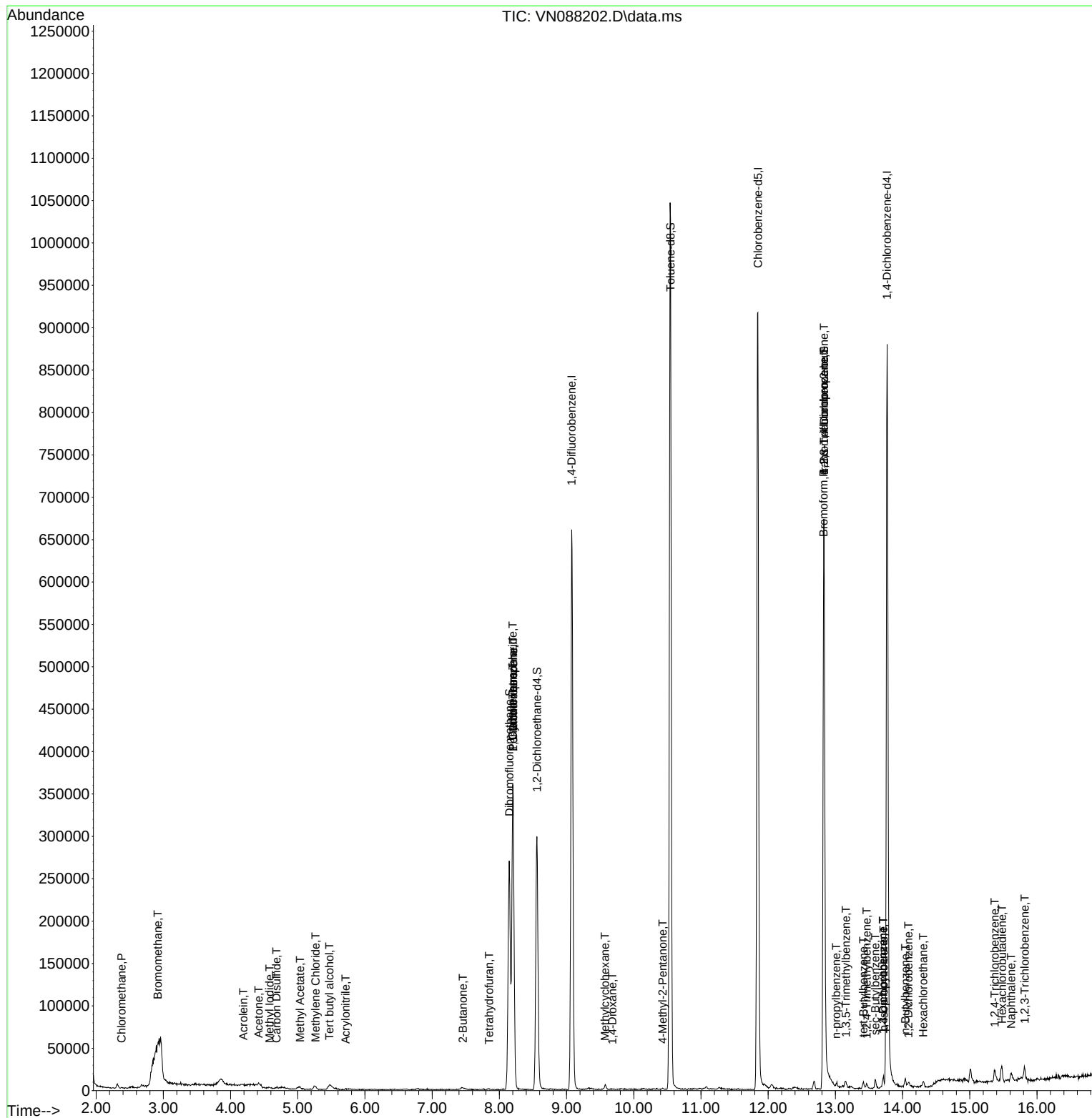
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

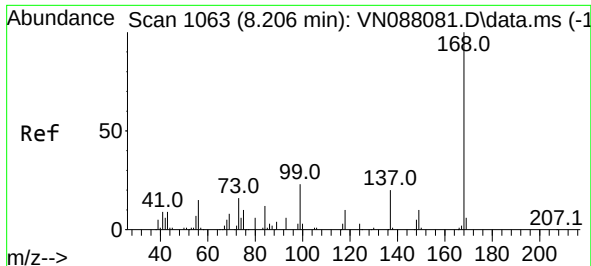
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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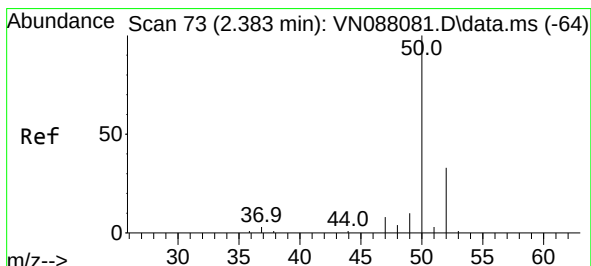
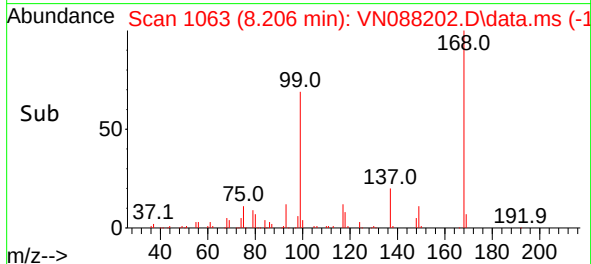
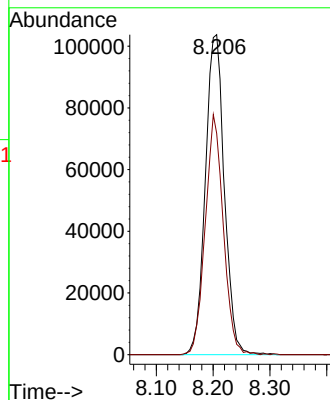
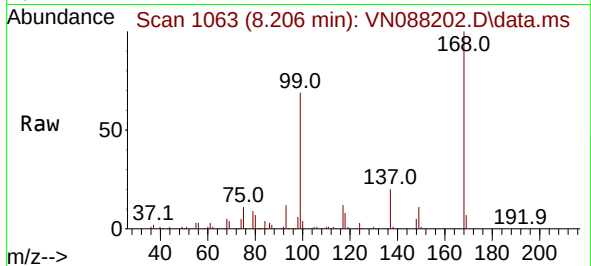




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1
Delta R.T. 0.000 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

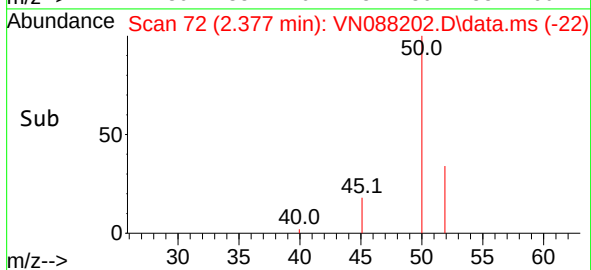
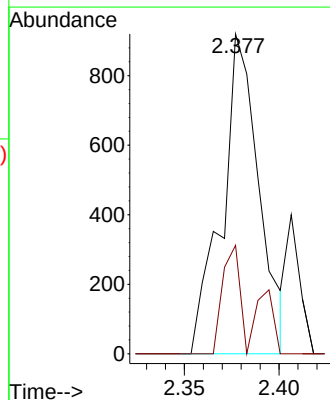
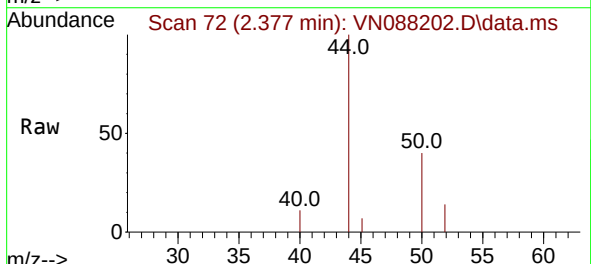
Instrument :
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ClientSampleId :
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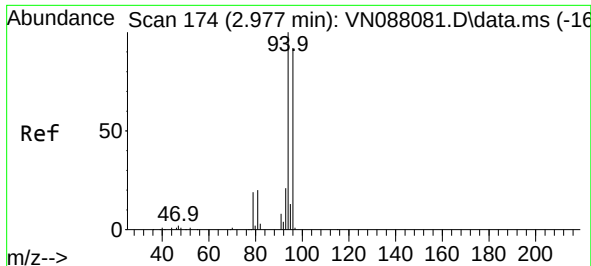
Tgt Ion:168 Resp: 240547
Ion Ratio Lower Upper
168 100
99 69.2 57.2 85.8



#3
Chloromethane
Concen: 0.391 ug/l
RT: 2.377 min Scan# 72
Delta R.T. -0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 50 Resp: 1249
Ion Ratio Lower Upper
50 100
52 33.9 26.2 39.4

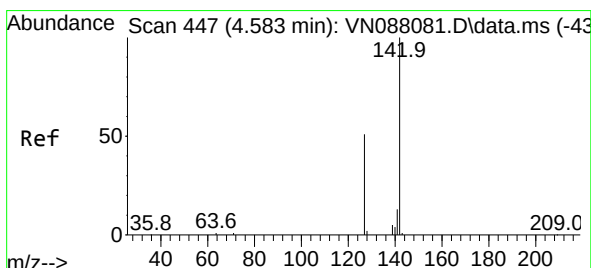
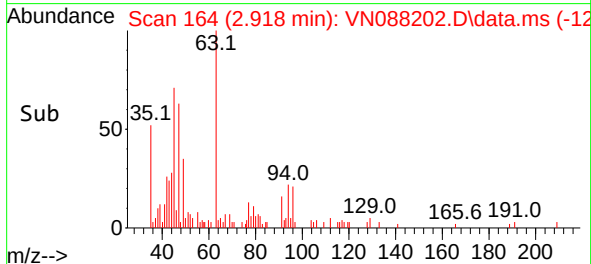
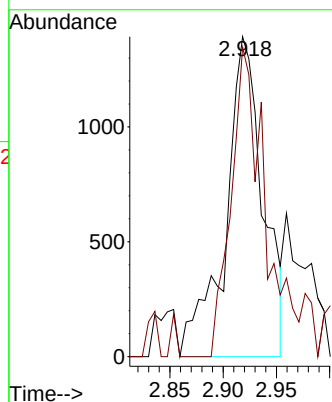
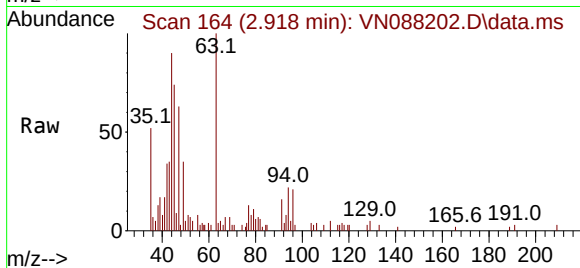




#5
Bromomethane
Concen: 1.625 ug/l
RT: 2.918 min Scan# 164
Delta R.T. -0.053 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

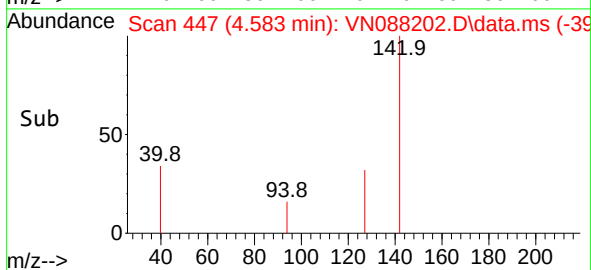
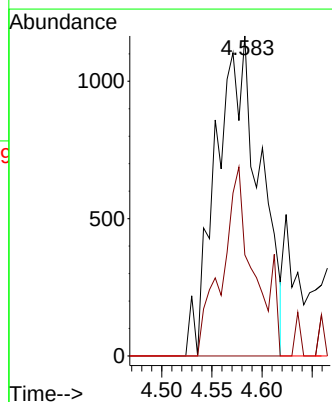
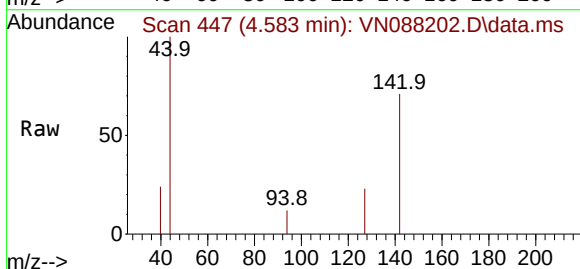
Instrument :
MSVOA_N
ClientSampleId :
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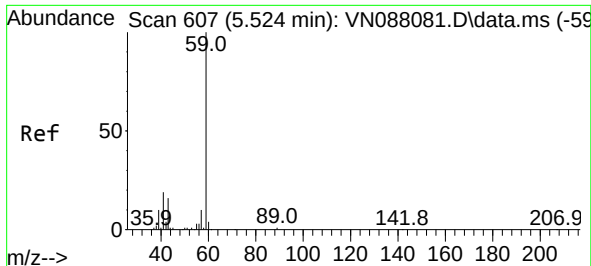
Tgt Ion: 94 Resp: 3381
Ion Ratio Lower Upper
94 100
96 96.7 75.4 113.2



#10
Methyl Iodide
Concen: 1.364 ug/l
RT: 4.583 min Scan# 447
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion:142 Resp: 3569
Ion Ratio Lower Upper
142 100
127 31.6 38.0 57.0#
141 0.0 12.0 18.0#

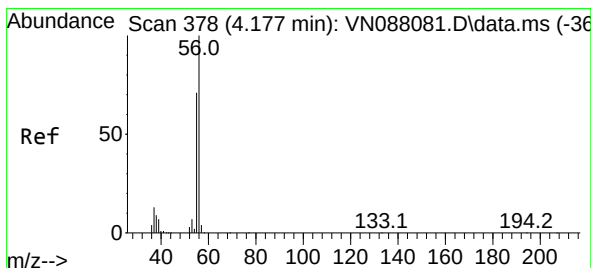
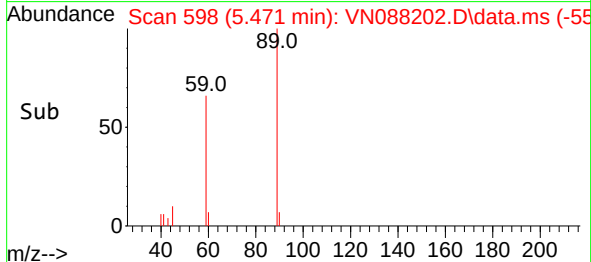
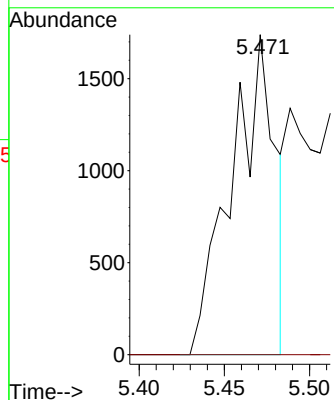
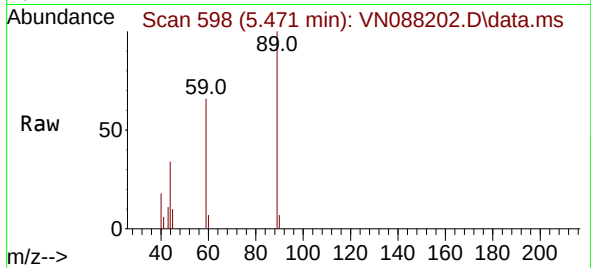




#11
Tert butyl alcohol
Concen: 4.330 ug/l
RT: 5.471 min Scan# 59
Delta R.T. -0.047 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

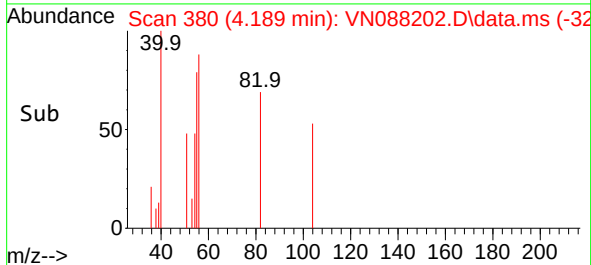
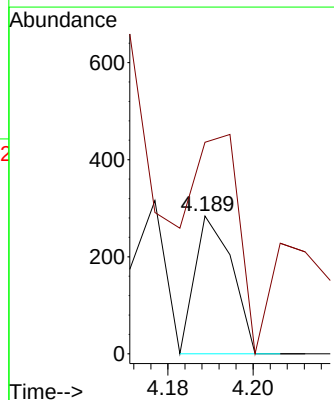
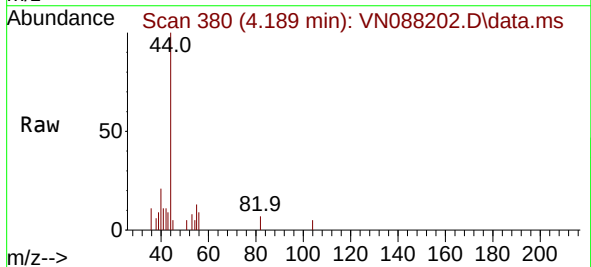
Instrument :
MSVOA_N
ClientSampleId :
RT4922

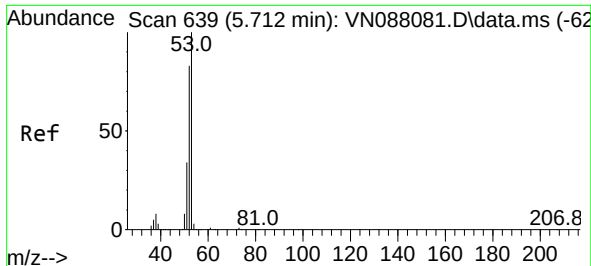
Tgt Ion: 59 Resp: 3103
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#13
Acrolein
Concen: 0.213 ug/l
RT: 4.189 min Scan# 380
Delta R.T. 0.018 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

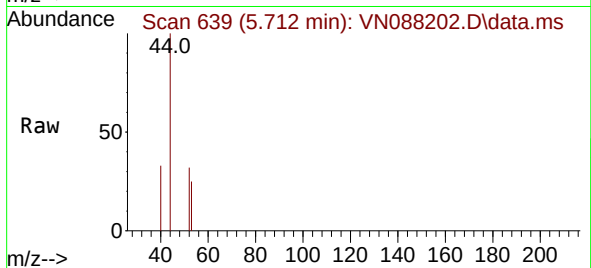
Tgt Ion: 56 Resp: 172
Ion Ratio Lower Upper
56 100
55 198.8 57.3 85.9#



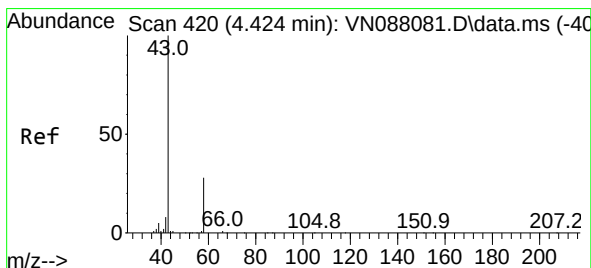
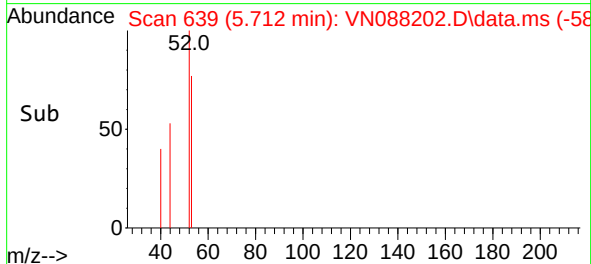
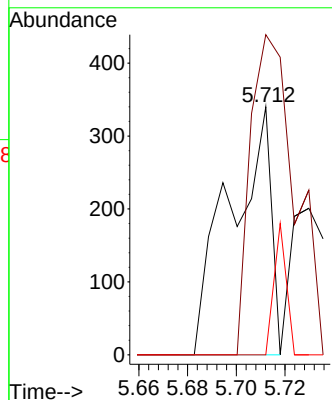


#15
Acrylonitrile
Concen: 0.204 ug/l
RT: 5.712 min Scan# 61
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Instrument :
MSVOA_N
ClientSampleId :
RT4922

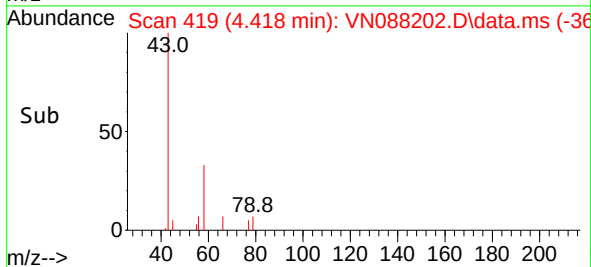
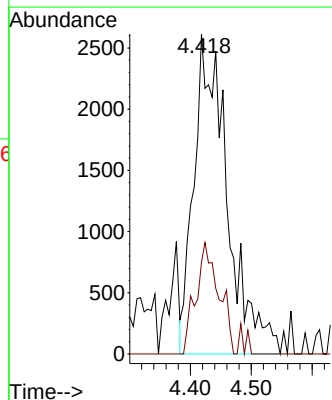
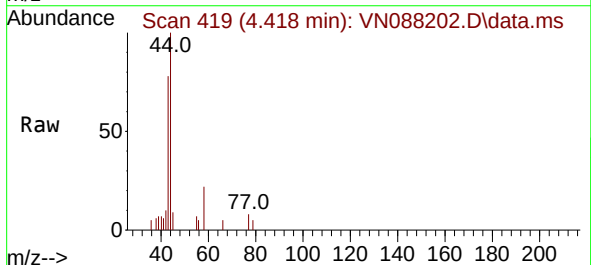


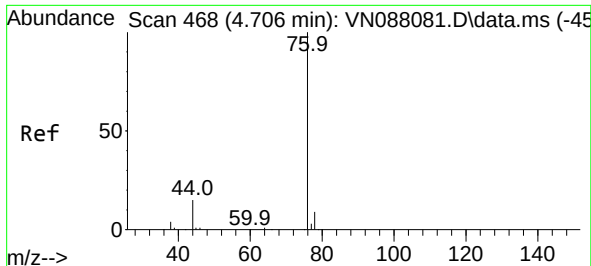
Tgt Ion: 53 Resp: 398
Ion Ratio Lower Upper
53 100
52 140.5 67.6 101.4#
51 16.1 30.1 45.1#



#16
Acetone
Concen: 4.738 ug/l
RT: 4.418 min Scan# 419
Delta R.T. -0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 43 Resp: 9900
Ion Ratio Lower Upper
43 100
58 28.6 22.6 33.8

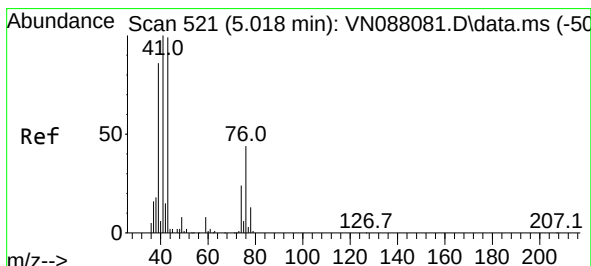
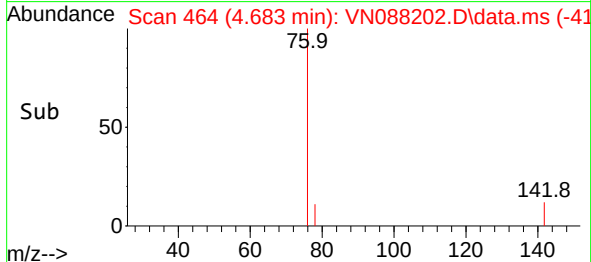
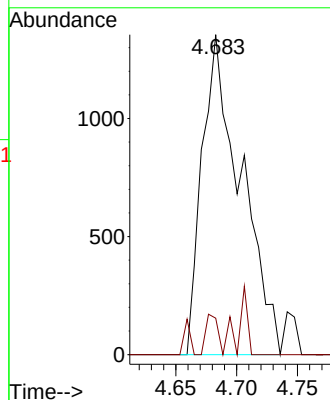
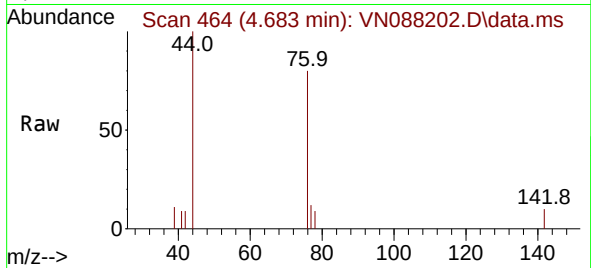




#17
Carbon Disulfide
Concen: 0.328 ug/l
RT: 4.683 min Scan# 41
Delta R.T. -0.018 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

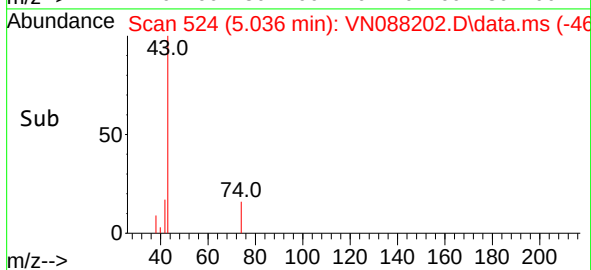
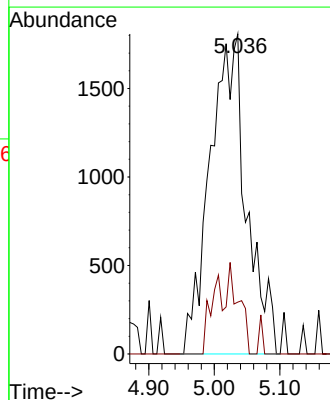
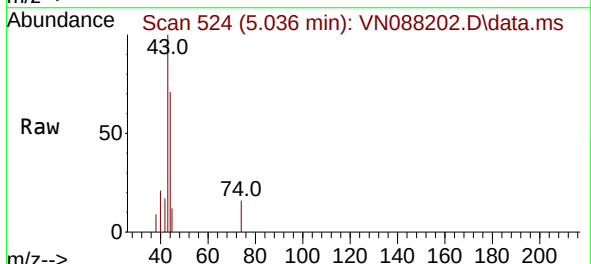
Instrument :
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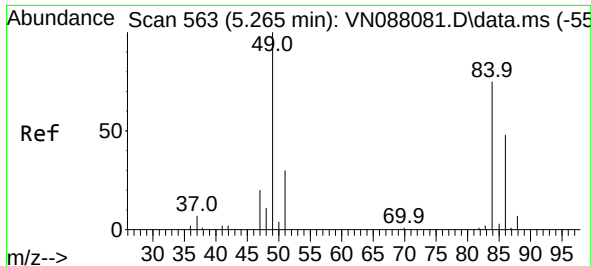
Tgt Ion: 76 Resp: 3010
Ion Ratio Lower Upper
76 100
78 11.4 7.6 11.4



#18
Methyl Acetate
Concen: 1.636 ug/l
RT: 5.036 min Scan# 524
Delta R.T. 0.023 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 43 Resp: 6997
Ion Ratio Lower Upper
43 100
74 8.3 17.6 26.4#

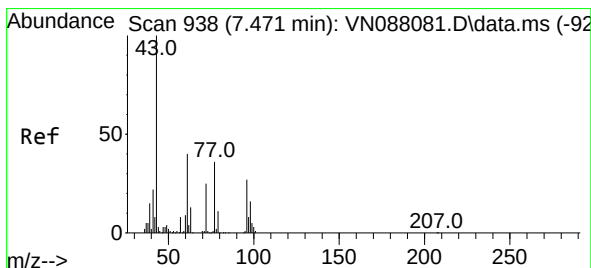
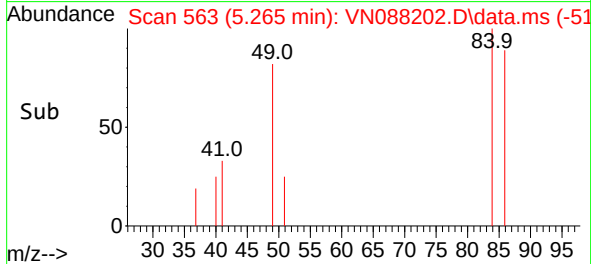
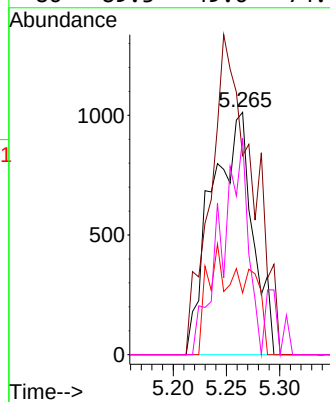
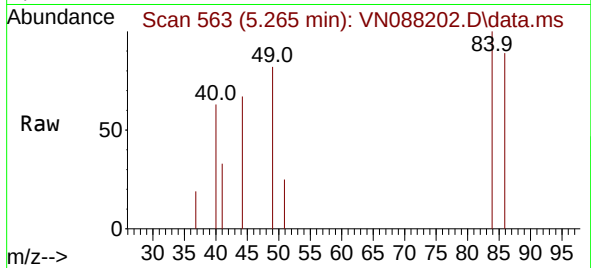




#20
Methylene Chloride
Concen: 0.773 ug/l
RT: 5.265 min Scan# 51
Delta R.T. 0.000 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

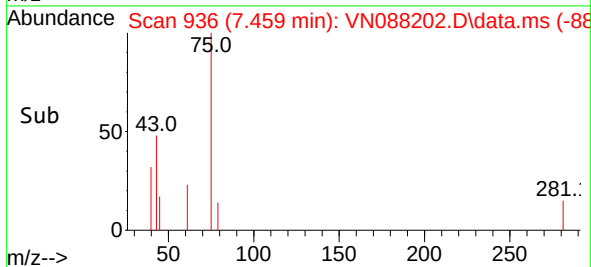
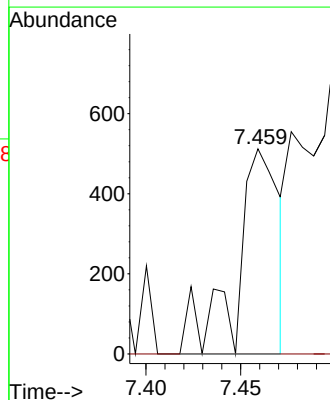
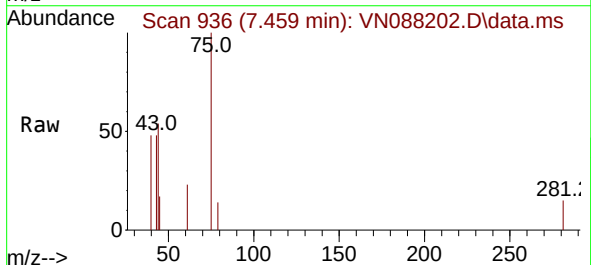
Instrument :
MSVOA_N
ClientSampleId :
RT4922

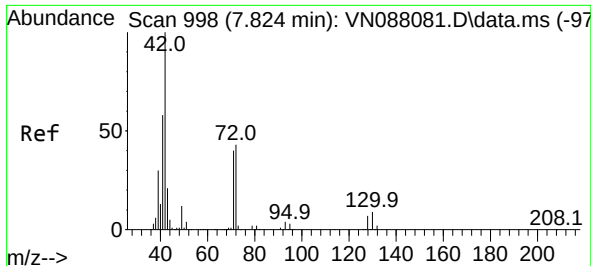
Tgt Ion: 84 Resp: 2712
Ion Ratio Lower Upper
84 100
49 82.1 103.4 155.2#
51 25.5 33.8 50.8#
86 89.3 49.6 74.4#



#25
2-Butanone
Concen: 0.292 ug/l
RT: 7.459 min Scan# 936
Delta R.T. -0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 43 Resp: 803
Ion Ratio Lower Upper
43 100
72 0.0 19.9 29.9#





#29

Tetrahydrofuran

Concen: 0.399 ug/l

RT: 7.847 min Scan# 1002

Delta R.T. 0.023 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

RT4922

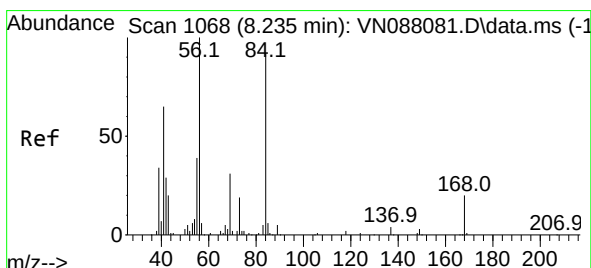
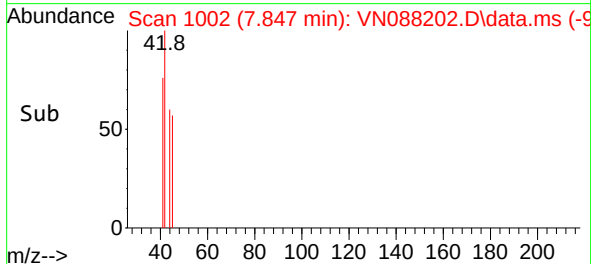
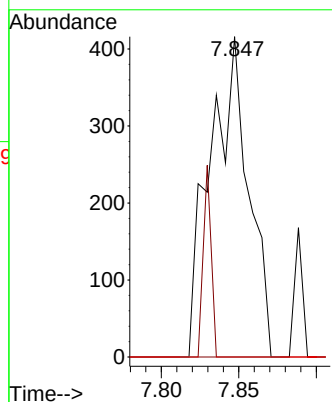
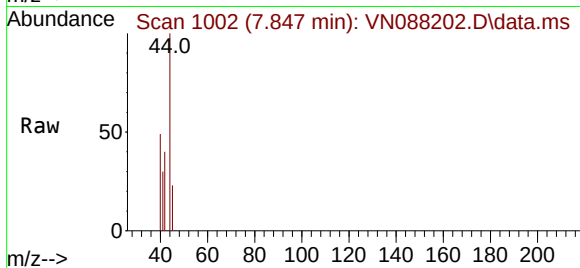
Tgt Ion: 42 Resp: 716

Ion Ratio Lower Upper

42 100

72 12.3 33.7 50.5#

71 0.0 31.9 47.9#



#31

Cyclohexane

Concen: 1.481 ug/l

RT: 8.200 min Scan# 1062

Delta R.T. -0.035 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

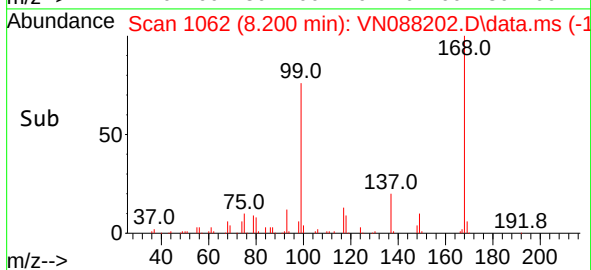
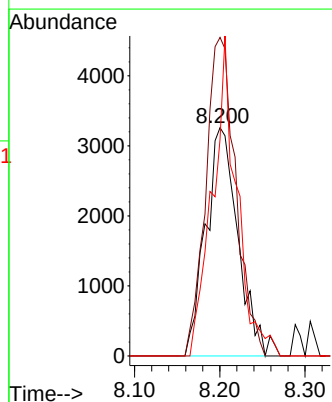
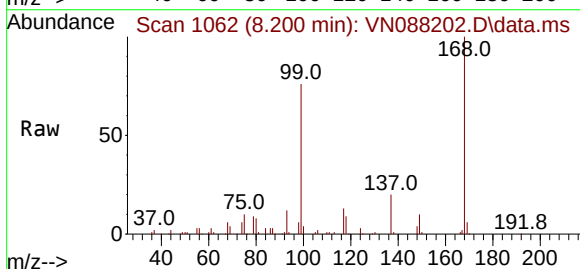
Tgt Ion: 56 Resp: 8625

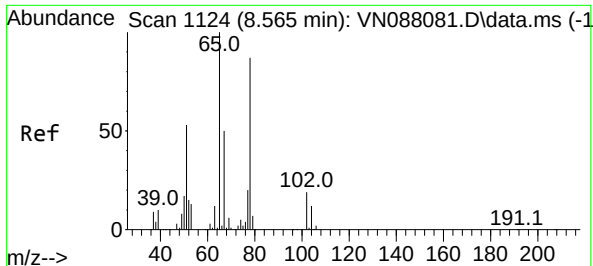
Ion Ratio Lower Upper

56 100

69 139.6 23.7 35.5#

84 95.0 64.7 97.1





#33

1,2-Dichloroethane-d4

Concen: 61.516 ug/l

RT: 8.559 min Scan# 1123

Delta R.T. -0.000 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

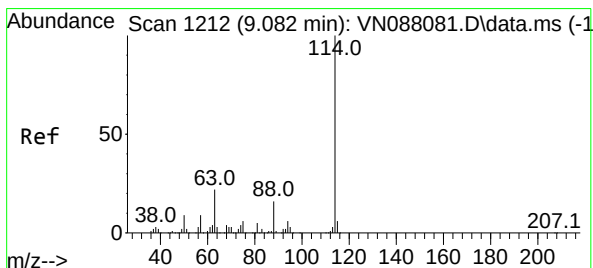
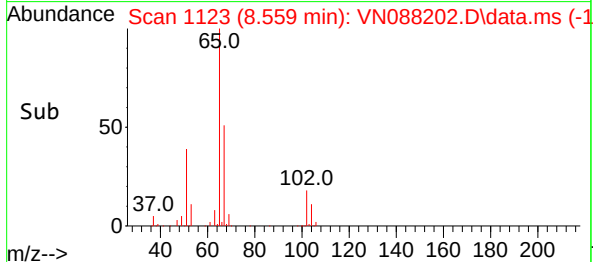
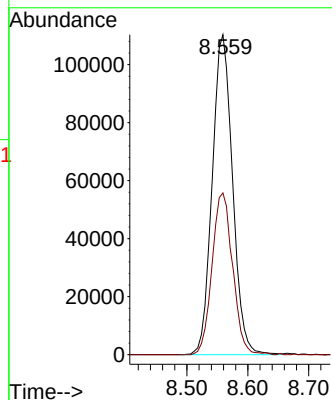
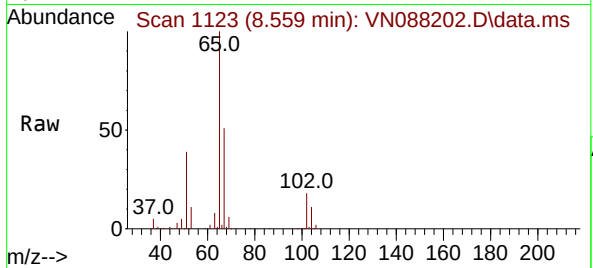
RT4922

Tgt Ion: 65 Resp: 255878

Ion Ratio Lower Upper

65 100

67 51.1 0.0 100.0



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 9.077 min Scan# 1211

Delta R.T. -0.006 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

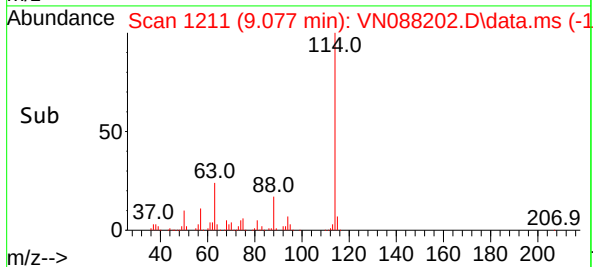
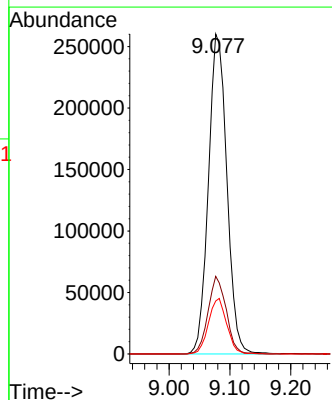
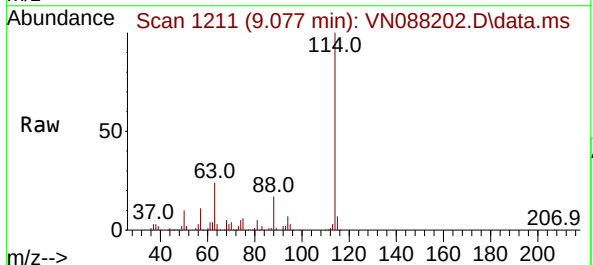
Tgt Ion: 114 Resp: 548480

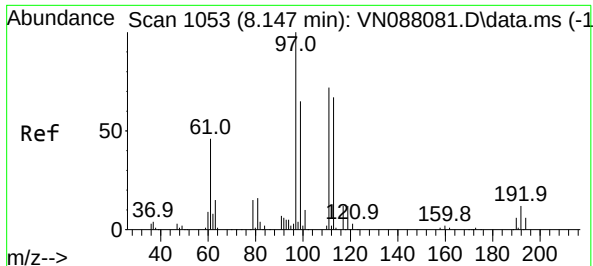
Ion Ratio Lower Upper

114 100

63 24.2 0.0 45.2

88 16.5 0.0 33.4

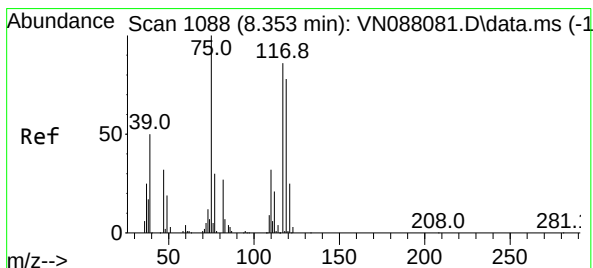
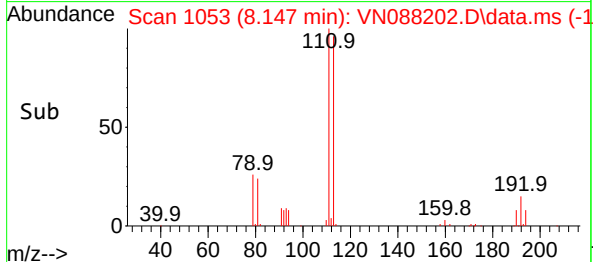
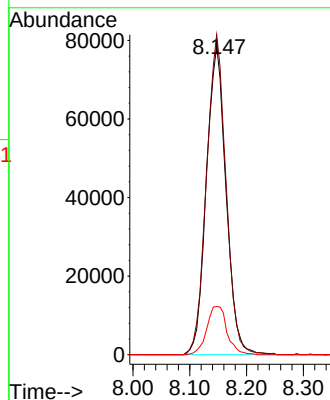
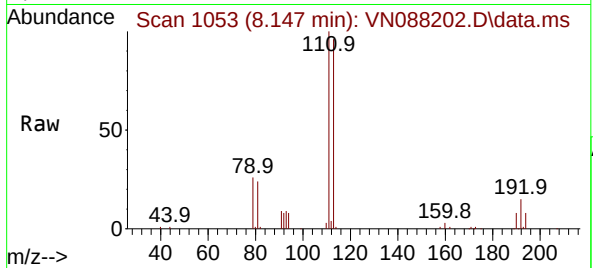




#35
Dibromofluoromethane
Concen: 51.306 ug/l
RT: 8.147 min Scan# 1053
Delta R.T. -0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

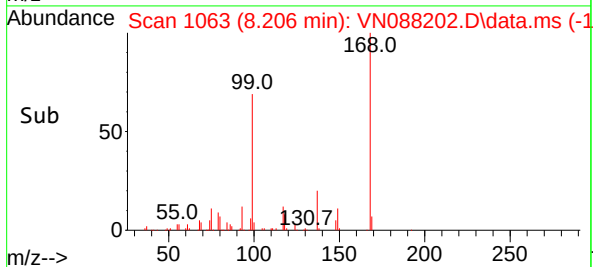
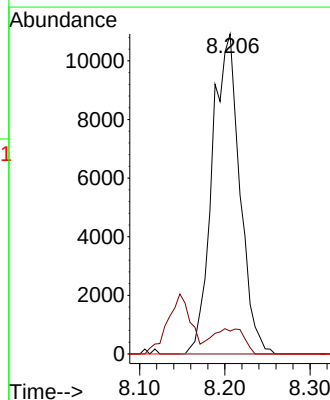
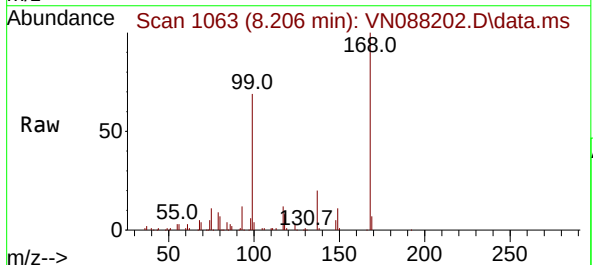
Instrument :
MSVOA_N
ClientSampleId :
RT4922

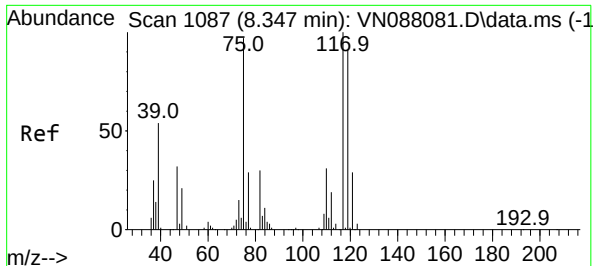
Tgt Ion:113 Resp: 189050
Ion Ratio Lower Upper
113 100
111 102.9 82.8 124.2
192 16.0 12.8 19.2



#36
1,1-Dichloropropene
Concen: 4.571 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.147 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 75 Resp: 24592
Ion Ratio Lower Upper
75 100
110 8.7 15.9 47.6#
77 0.0 24.4 36.6#

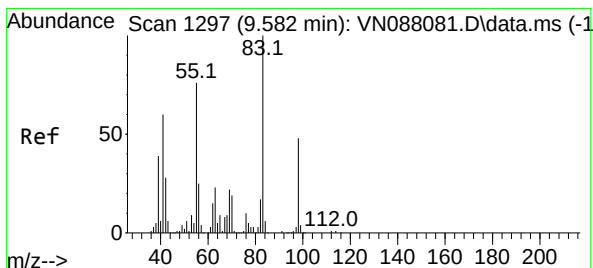
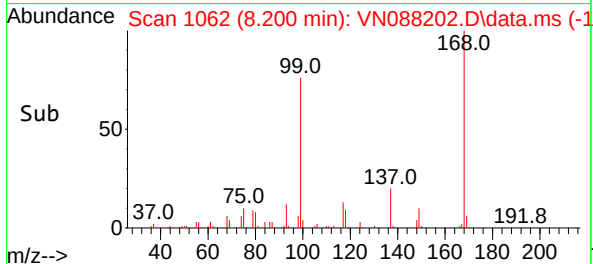
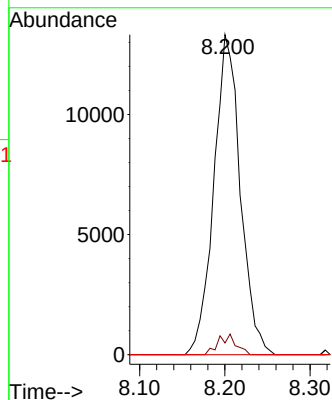
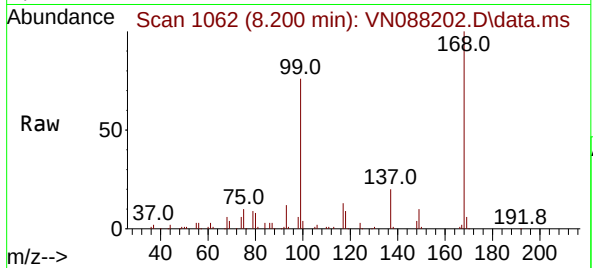




#38
Carbon Tetrachloride
Concen: 5.182 ug/l
RT: 8.200 min Scan# 1062
Delta R.T. -0.141 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

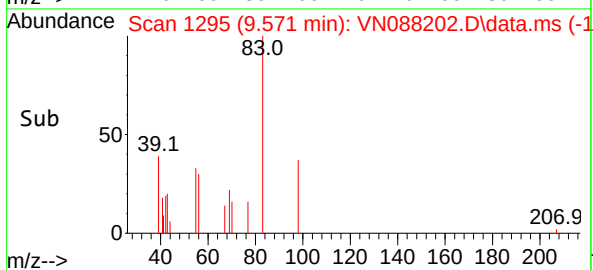
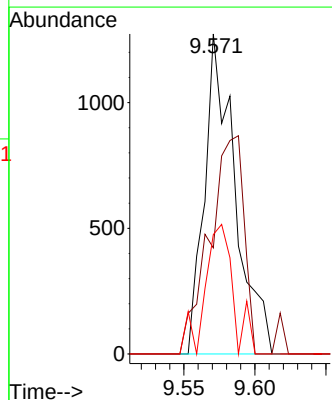
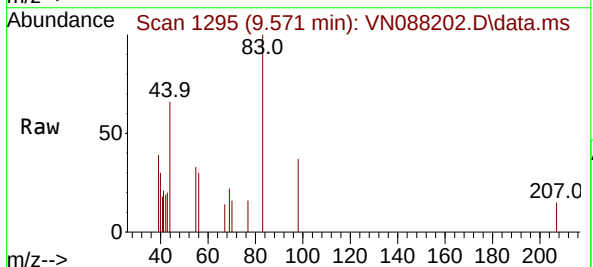
Instrument :
MSVOA_N
ClientSampleId :
RT4922

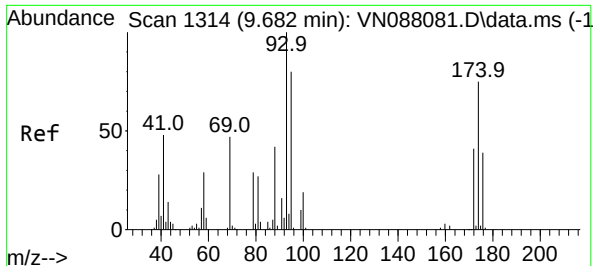
Tgt Ion:117 Resp: 28795
Ion Ratio Lower Upper
117 100
119 3.6 79.0 118.6#
121 0.0 25.0 37.6#



#39
Methylcyclohexane
Concen: 0.275 ug/l
RT: 9.571 min Scan# 1295
Delta R.T. -0.012 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 83 Resp: 1901
Ion Ratio Lower Upper
83 100
55 33.2 64.6 96.8#
98 37.3 38.4 57.6#





#49

1,4-Dioxane

Concen: 1.159 ug/l

RT: 9.682 min Scan# 1

Delta R.T. -0.000 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

RT4922

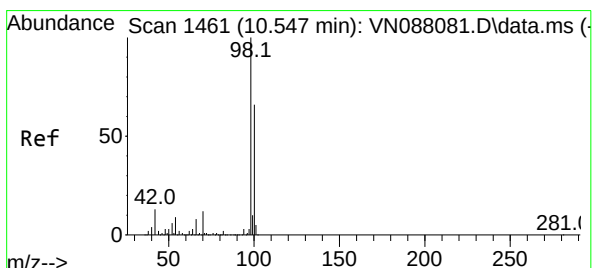
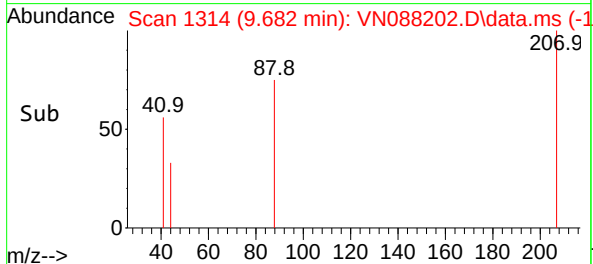
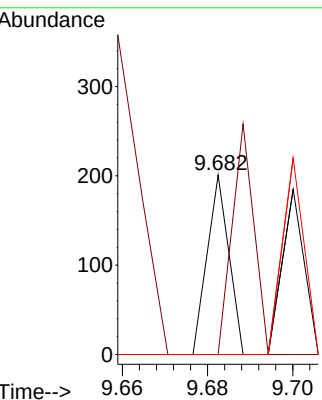
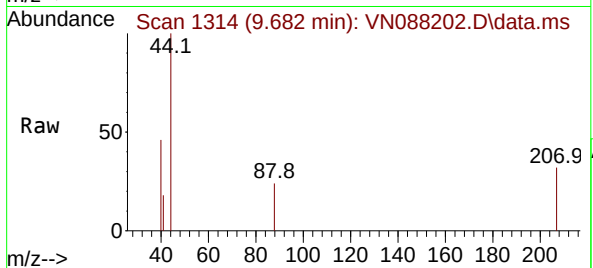
Tgt Ion: 88 Resp: 71

Ion Ratio Lower Upper

88 100

43 128.2 0.0 0.0#

58 0.0 57.9 86.9#



#50

Toluene-d8

Concen: 49.670 ug/l

RT: 10.547 min Scan# 1461

Delta R.T. -0.000 min

Lab File: VN088202.D

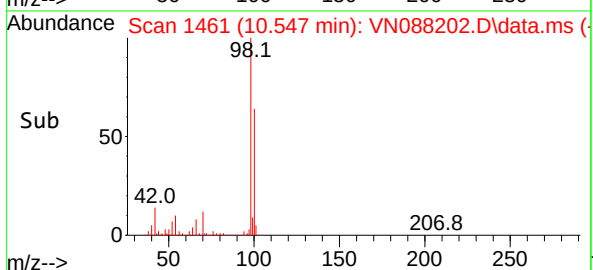
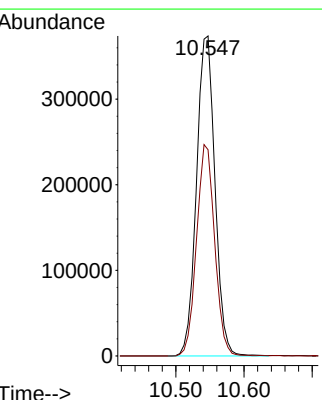
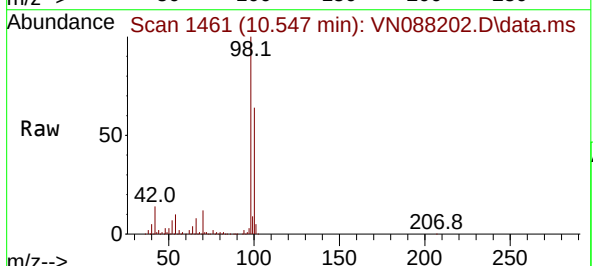
Acq: 06 Nov 2025 13:48

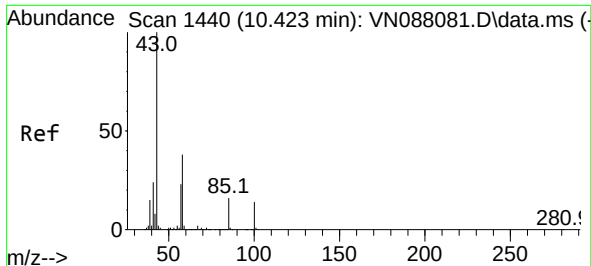
Tgt Ion: 98 Resp: 705208

Ion Ratio Lower Upper

98 100

100 64.9 52.8 79.2

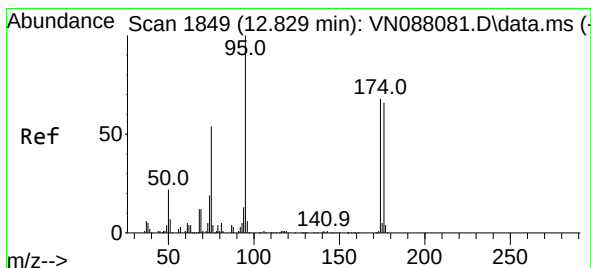
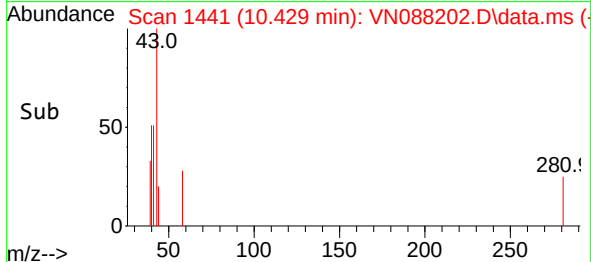
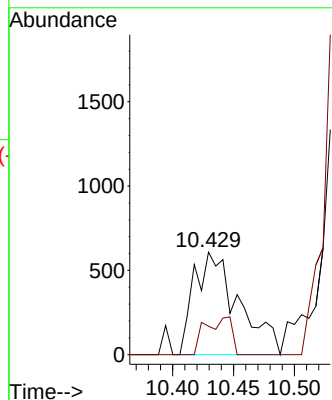
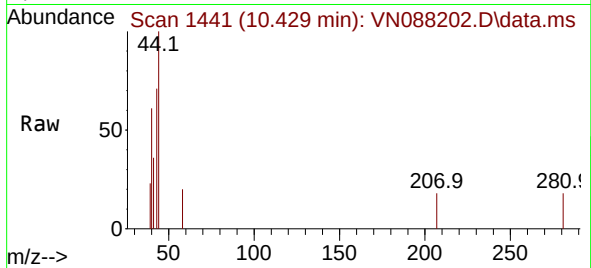




#51
4-Methyl-2-Pentanone
Concen: 0.245 ug/l
RT: 10.429 min Scan# 1440
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

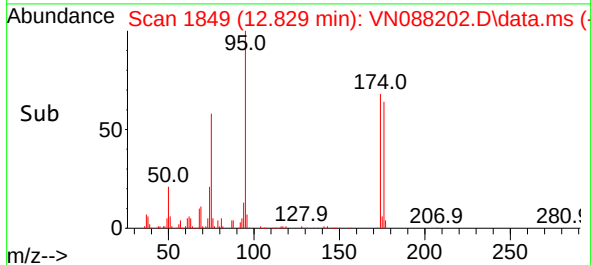
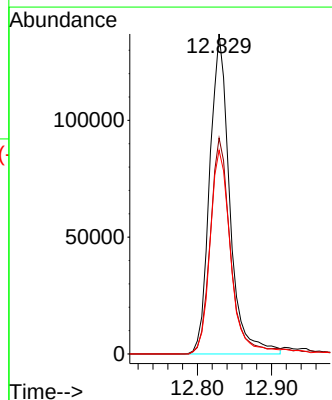
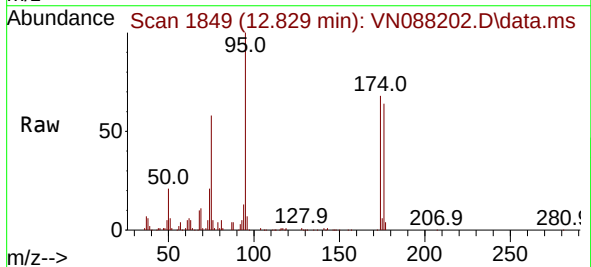
Instrument :
MSVOA_N
ClientSampleId :
RT4922

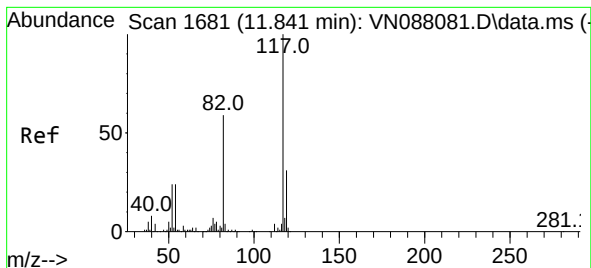
Tgt Ion: 43 Resp: 1549
Ion Ratio Lower Upper
43 100
58 21.7 29.6 44.4#



#62
4-Bromofluorobenzene
Concen: 51.272 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 95 Resp: 257086
Ion Ratio Lower Upper
95 100
174 67.8 0.0 138.4
176 67.1 0.0 132.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.847 min Scan# 1

Delta R.T. 0.006 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

RT4922

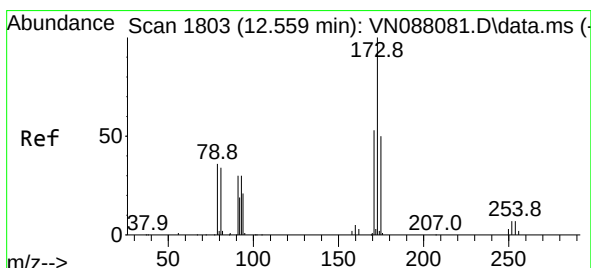
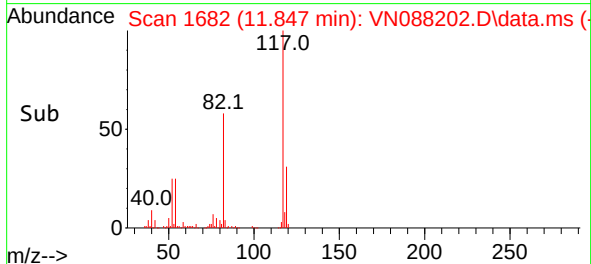
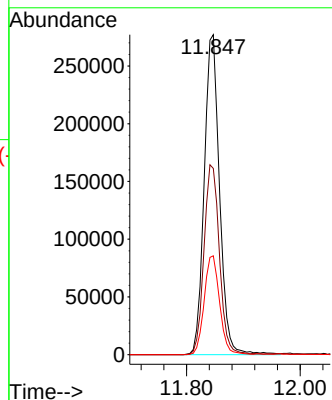
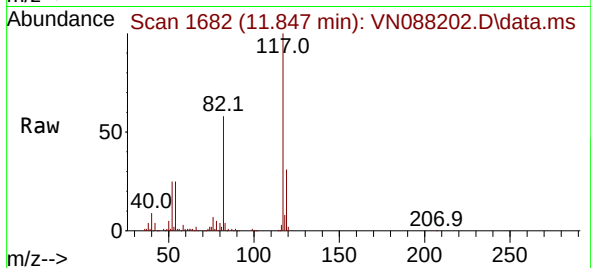
Tgt Ion:117 Resp: 518665

Ion Ratio Lower Upper

117 100

82 58.2 47.4 71.2

119 30.9 24.3 36.5



#71

Bromoform

Concen: 0.215 ug/l

RT: 12.823 min Scan# 1848

Delta R.T. 0.265 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

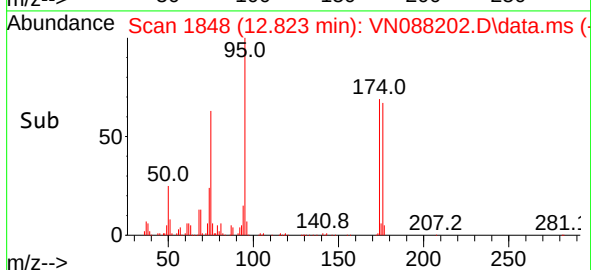
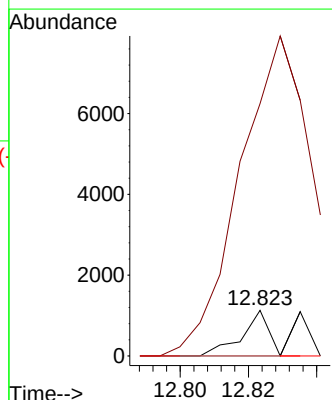
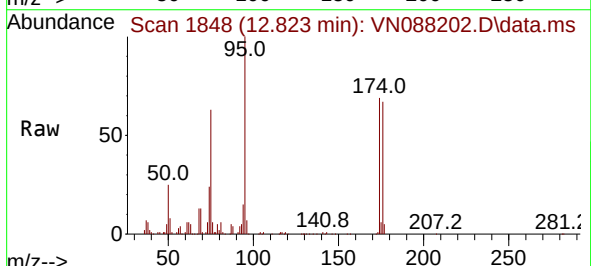
Tgt Ion:173 Resp: 618

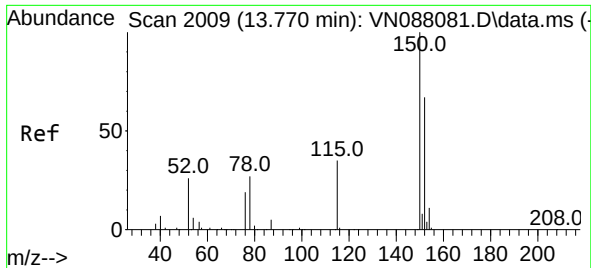
Ion Ratio Lower Upper

173 100

175 1620.4 24.9 74.6#

254 0.0 0.1 0.1#

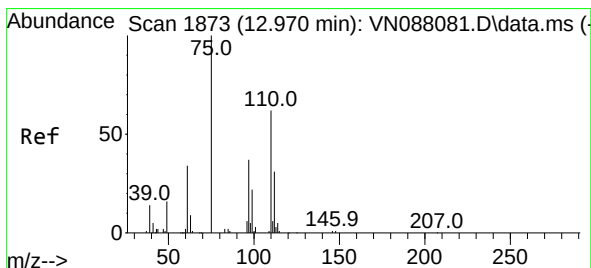
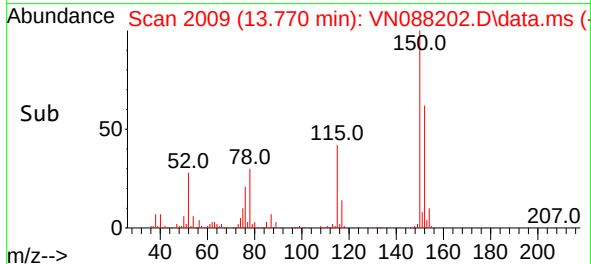
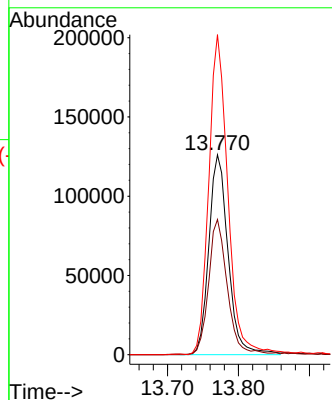
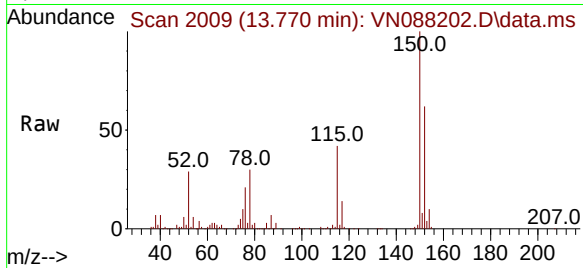




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

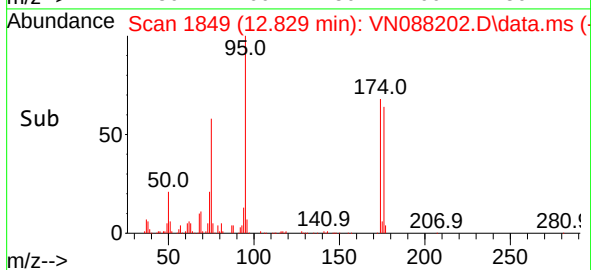
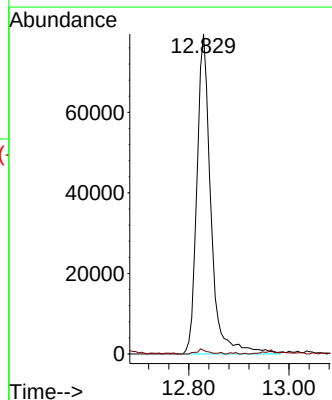
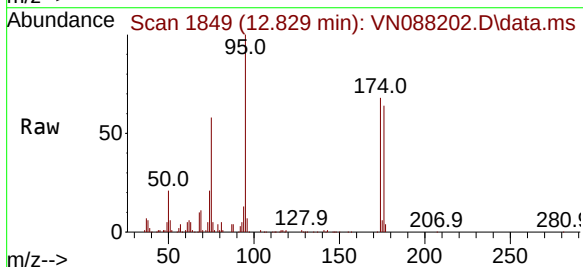
Instrument :
MSVOA_N
ClientSampleId :
RT4922

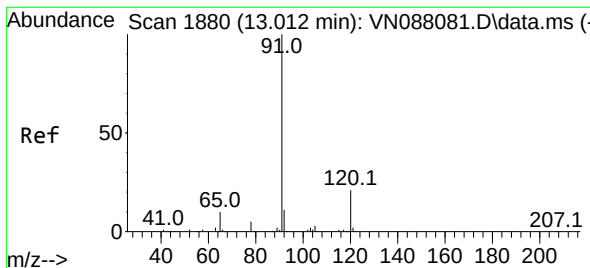
Tgt Ion:152 Resp: 237839
Ion Ratio Lower Upper
152 100
115 65.1 32.3 96.8
150 158.9 0.0 351.0



#76
1,2,3-Trichloropropane
Concen: 28.232 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. -0.141 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 75 Resp: 153518
Ion Ratio Lower Upper
75 100
77 1.1 89.1 267.4#

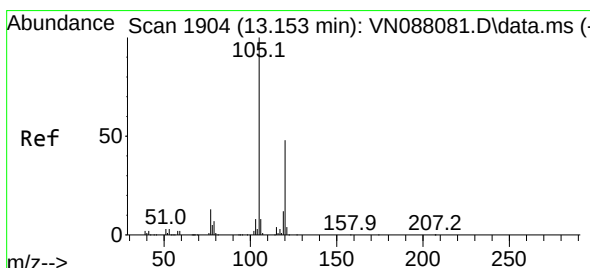
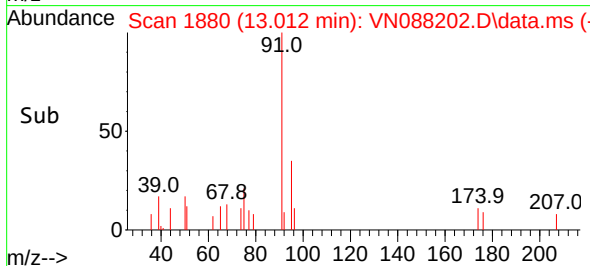
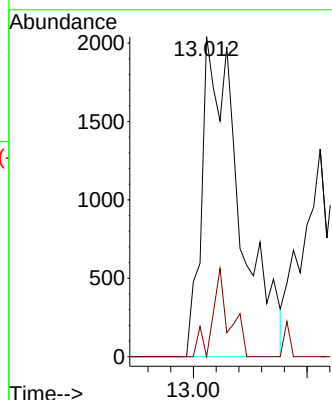
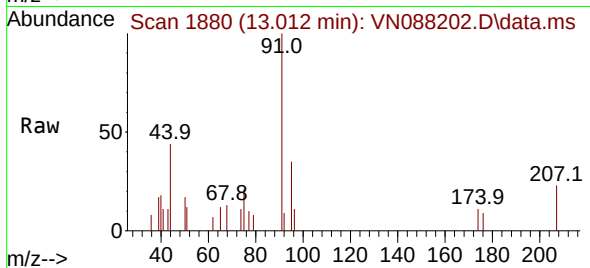




#78
n-propylbenzene
Concen: 0.210 ug/l
RT: 13.012 min Scan# 11
Delta R.T. -0.000 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

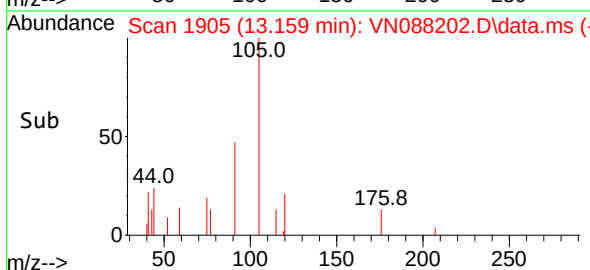
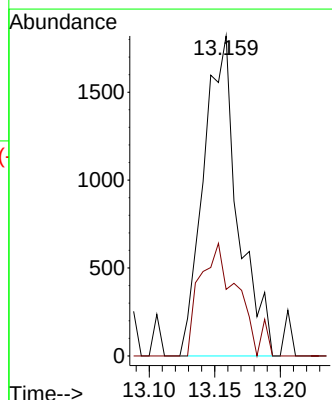
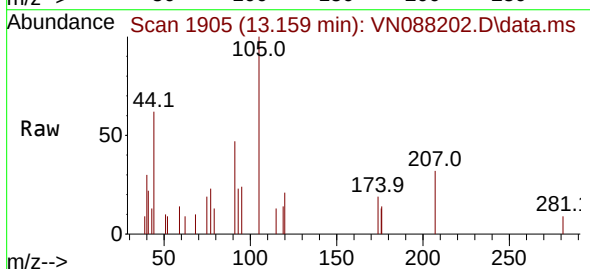
Instrument :
MSVOA_N
ClientSampleId :
RT4922

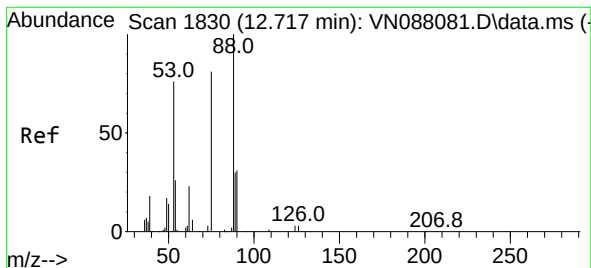
Tgt Ion: 91 Resp: 4709
Ion Ratio Lower Upper
91 100
120 12.5 10.7 32.1



#80
1,3,5-Trimethylbenzene
Concen: 0.218 ug/l
RT: 13.159 min Scan# 1905
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 105 Resp: 3315
Ion Ratio Lower Upper
105 100
120 38.7 23.2 69.6

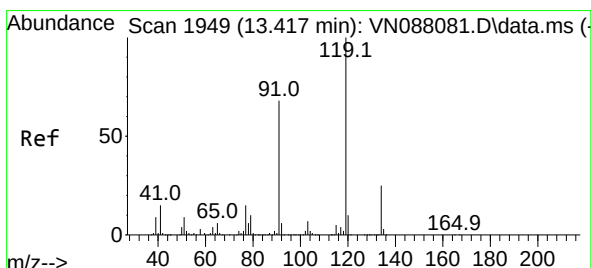
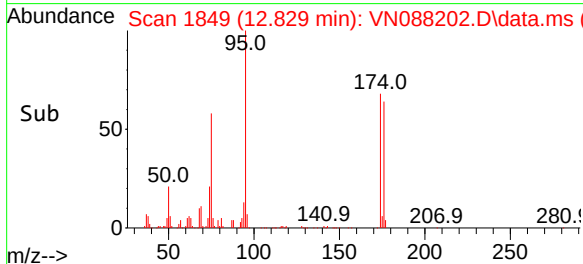
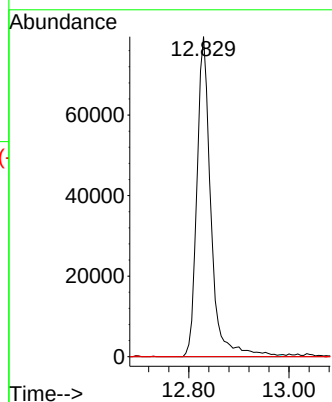
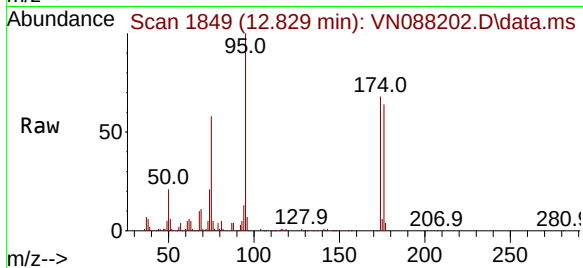




#81
trans-1,4-Dichloro-2-butene
Concen: 78.754 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.112 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

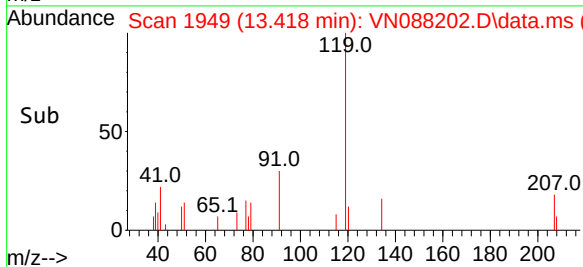
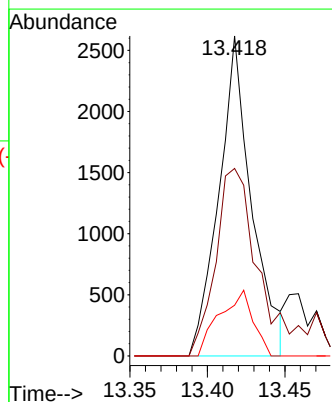
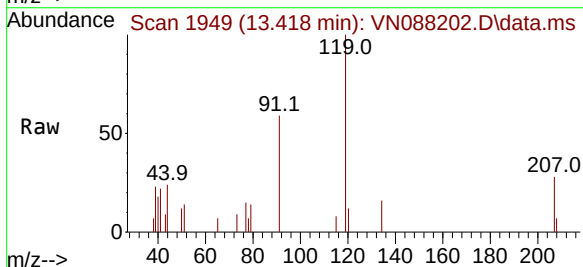
Instrument :
MSVOA_N
ClientSampleId :
RT4922

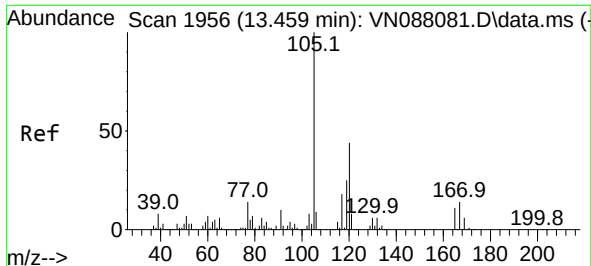
Tgt Ion: 75 Resp: 153518
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#



#83
tert-Butylbenzene
Concen: 0.283 ug/l
RT: 13.418 min Scan# 1949
Delta R.T. -0.000 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 119 Resp: 3851
Ion Ratio Lower Upper
119 100
91 77.4 35.0 105.0
134 21.0 12.6 37.8

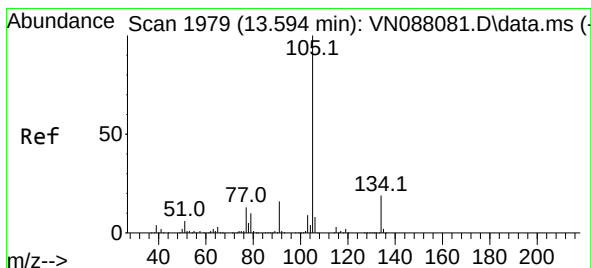
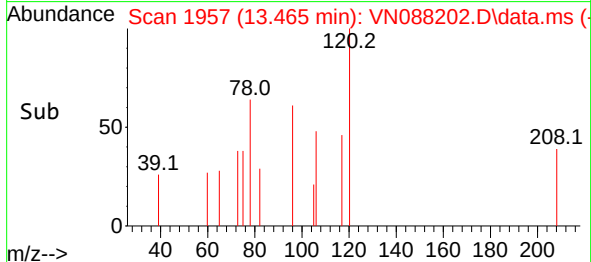
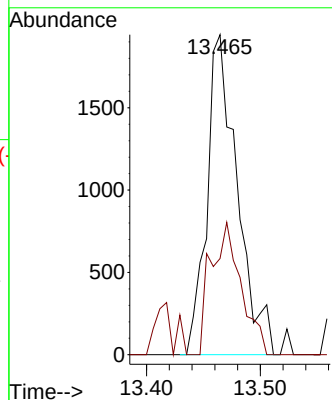
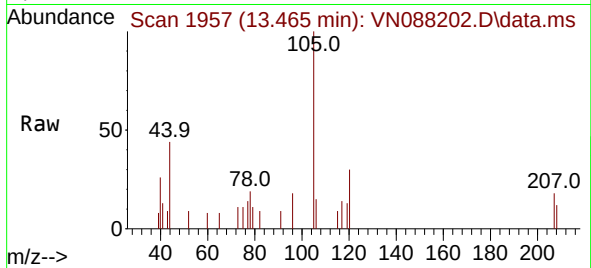




#84
1,2,4-Trimethylbenzene
Concen: 0.236 ug/l
RT: 13.465 min Scan# 1957
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

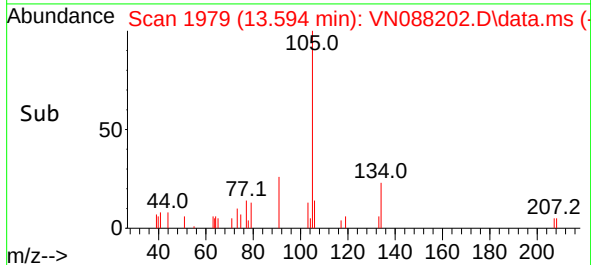
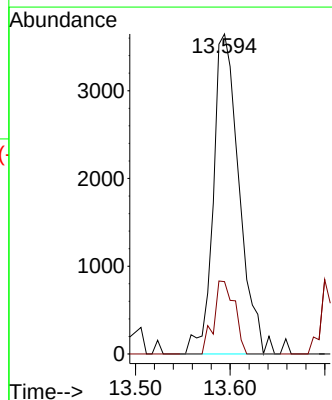
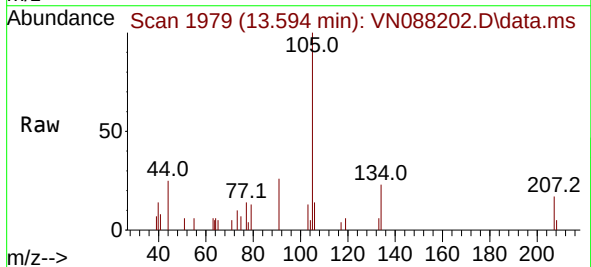
Instrument :
MSVOA_N
ClientSampleId :
RT4922

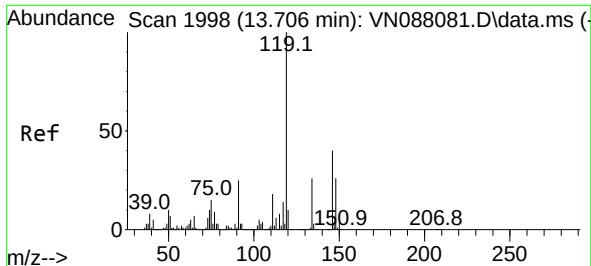
Tgt Ion:105 Resp: 3604
Ion Ratio Lower Upper
105 100
120 41.2 22.0 66.0



#85
sec-Butylbenzene
Concen: 0.346 ug/l
RT: 13.594 min Scan# 1979
Delta R.T. -0.000 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion:105 Resp: 6925
Ion Ratio Lower Upper
105 100
134 18.3 9.6 28.6

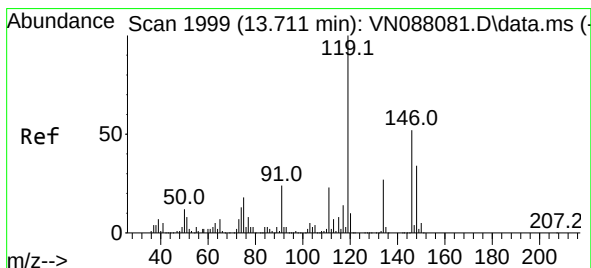
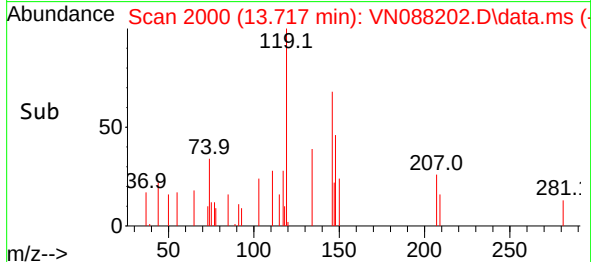
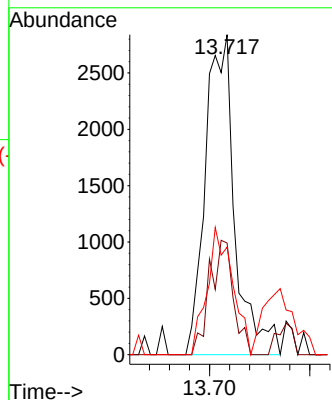
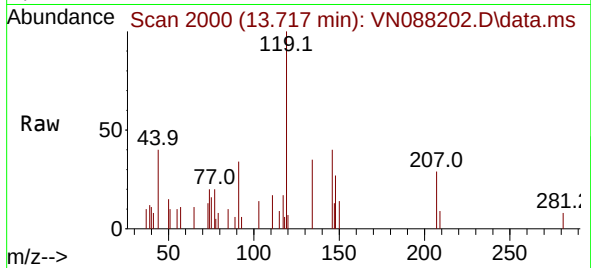




#86
 p-Isopropyltoluene
 Concen: 0.360 ug/l
 RT: 13.717 min Scan# 2000
 Delta R.T. 0.012 min
 Lab File: VN088202.D
 Acq: 06 Nov 2025 13:48

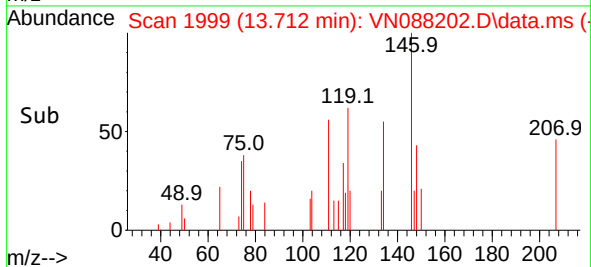
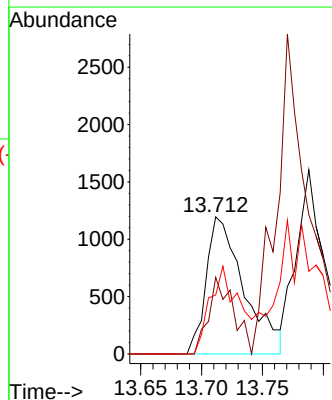
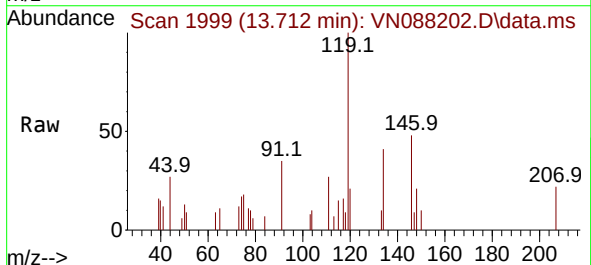
Instrument :
 MSVOA_N
 ClientSampleId :
 RT4922

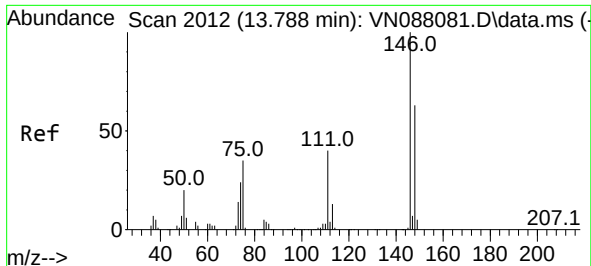
Tgt Ion:	119	Resp:	5781
Ion	Ratio	Lower	Upper
119	100		
134	28.9	12.7	38.0
91	34.6	12.5	37.5



#87
 1,3-Dichlorobenzene
 Concen: 0.328 ug/l
 RT: 13.712 min Scan# 1999
 Delta R.T. -0.000 min
 Lab File: VN088202.D
 Acq: 06 Nov 2025 13:48

Tgt Ion:	146	Resp:	2589
Ion	Ratio	Lower	Upper
146	100		
111	36.7	22.1	66.5
148	49.0	32.0	96.2

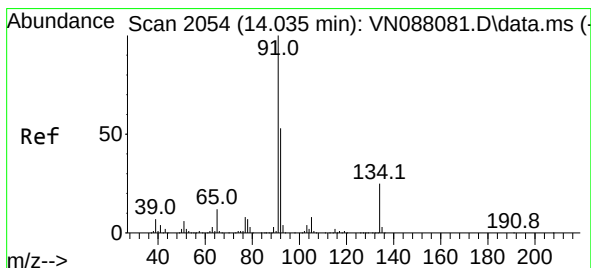
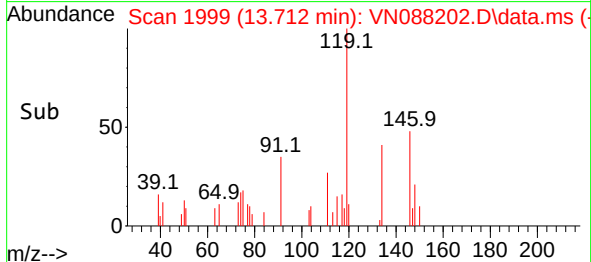
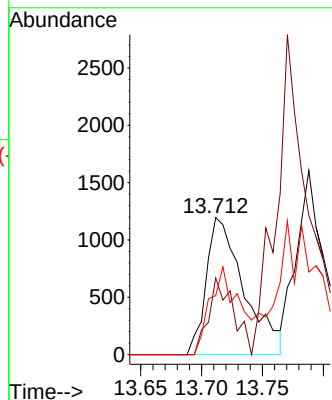
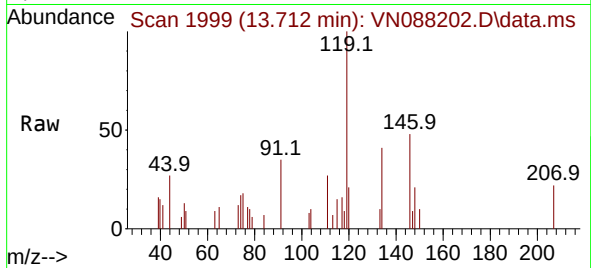




#88
1,4-Dichlorobenzene
Concen: 0.305 ug/l
RT: 13.712 min Scan# 1999
Delta R.T. -0.077 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

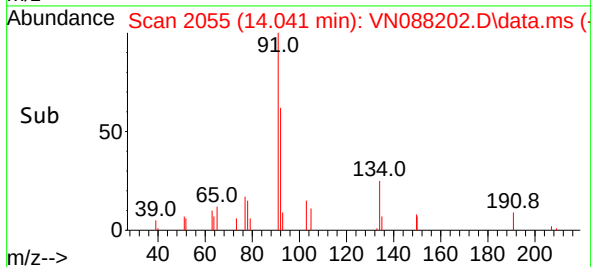
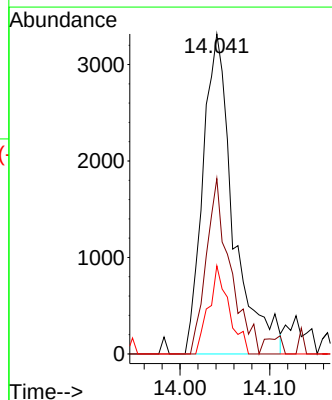
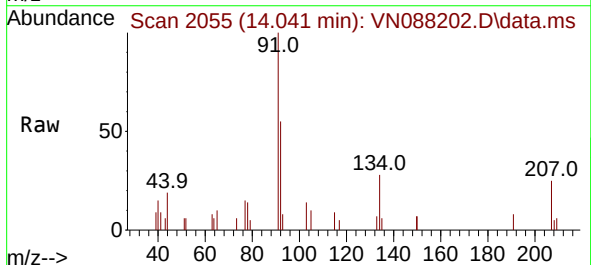
Instrument :
MSVOA_N
ClientSampleId :
RT4922

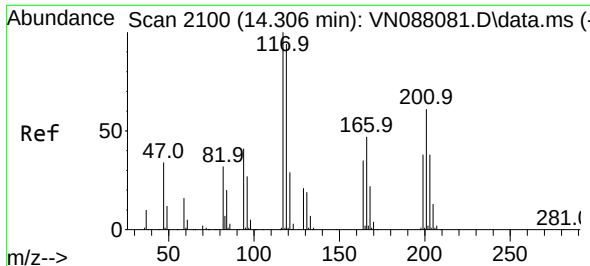
Tgt Ion:146 Resp: 2589
Ion Ratio Lower Upper
146 100
111 36.7 21.0 63.0
148 49.0 32.0 96.0



#89
n-Butylbenzene
Concen: 0.493 ug/l
RT: 14.041 min Scan# 2055
Delta R.T. 0.012 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion: 91 Resp: 7838
Ion Ratio Lower Upper
91 100
92 42.7 25.9 77.8
134 18.3 11.7 35.0

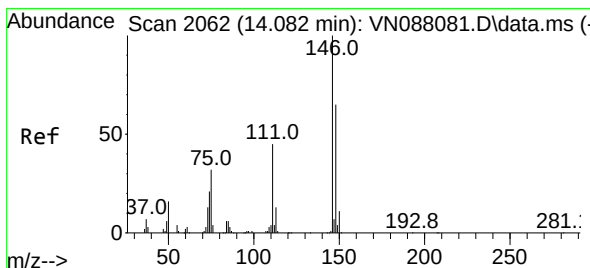
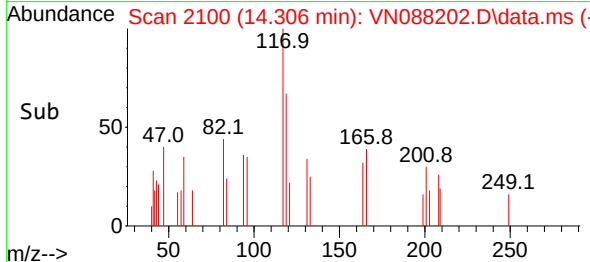
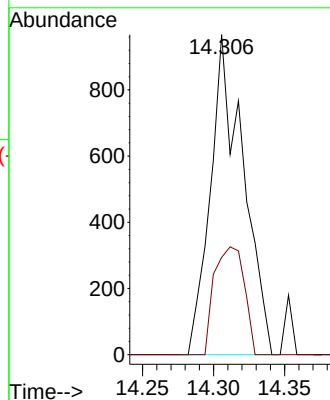
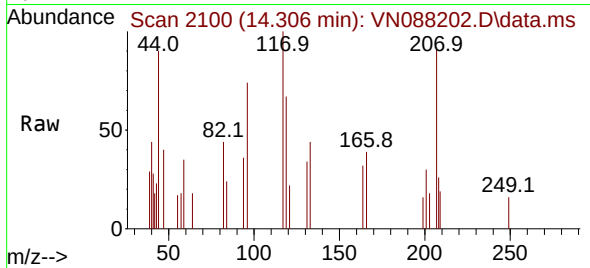




#90
Hexachloroethane
Concen: 0.497 ug/l
RT: 14.306 min Scan# 2100
Delta R.T. -0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

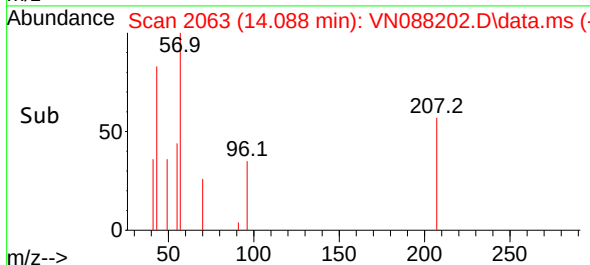
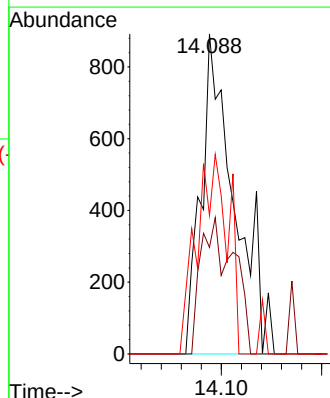
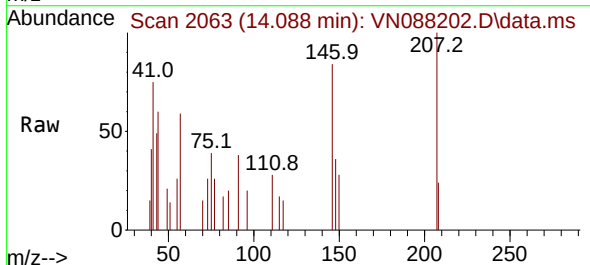
Instrument :
MSVOA_N
ClientSampleId :
RT4922

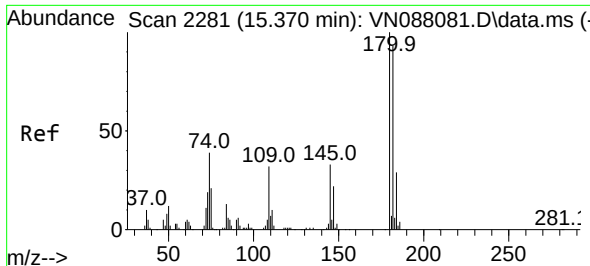
Tgt Ion:117 Resp: 1544
Ion Ratio Lower Upper
117 100
201 30.8 29.1 87.4



#91
1,2-Dichlorobenzene
Concen: 0.272 ug/l
RT: 14.088 min Scan# 2063
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion:146 Resp: 2067
Ion Ratio Lower Upper
146 100
111 29.4 22.6 67.8
148 58.6 31.9 95.9

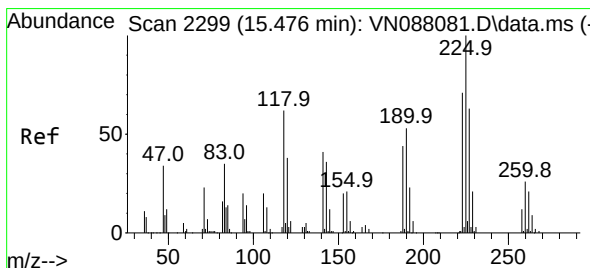
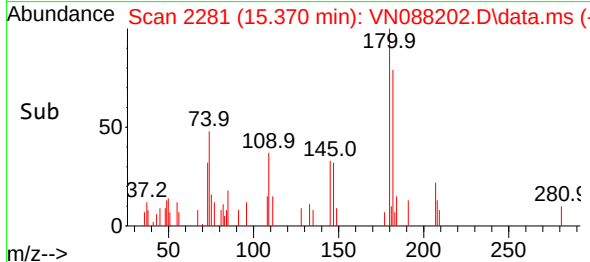
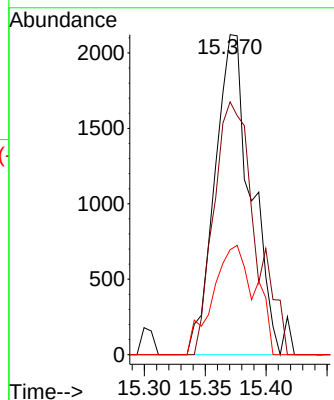
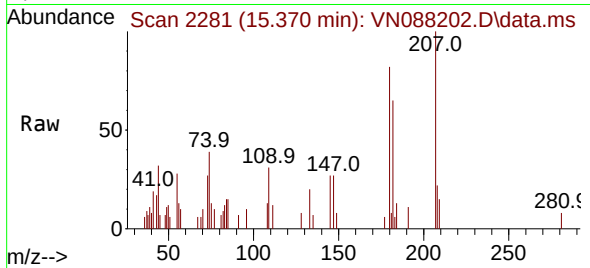




#93
1,2,4-Trichlorobenzene
Concen: 0.948 ug/l
RT: 15.370 min Scan# 2100
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

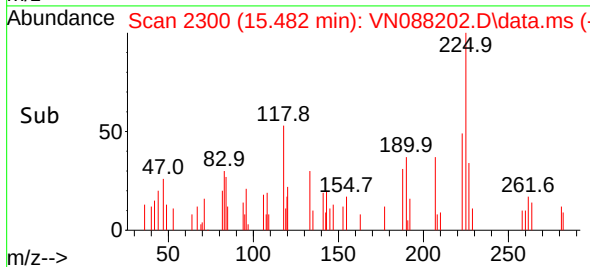
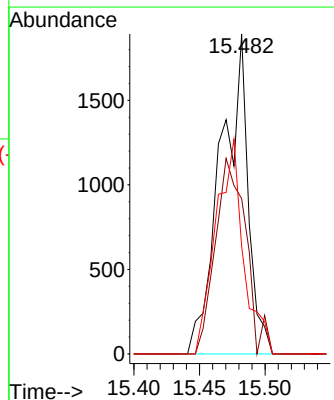
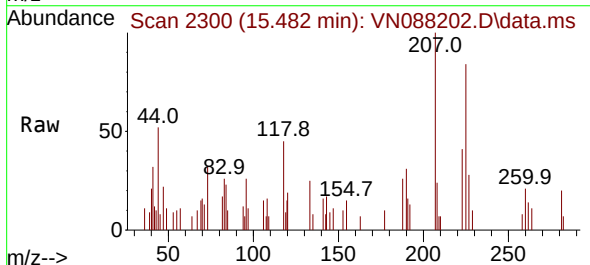
Instrument :
MSVOA_N
ClientSampleId :
RT4922

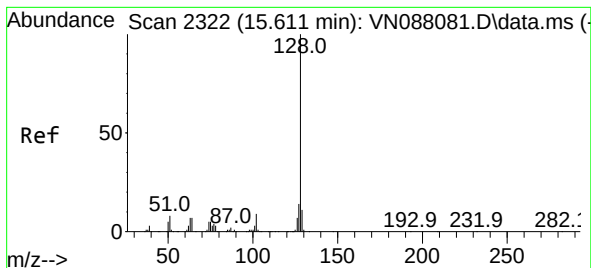
Tgt Ion:	180	Resp:	4368
Ion Ratio	Lower	Upper	
180	100		
182	90.3	47.6	142.9
145	40.3	16.5	49.5



#94
Hexachlorobutadiene
Concen: 1.602 ug/l
RT: 15.482 min Scan# 2300
Delta R.T. 0.006 min
Lab File: VN088202.D
Acq: 06 Nov 2025 13:48

Tgt Ion:	225	Resp:	2751
Ion Ratio	Lower	Upper	
225	100		
223	68.0	32.0	96.2
227	67.9	32.1	96.5





#95

Naphthalene

Concen: 0.612 ug/l

RT: 15.617 min Scan# 21

Delta R.T. 0.006 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Instrument :

MSVOA_N

ClientSampleId :

RT4922

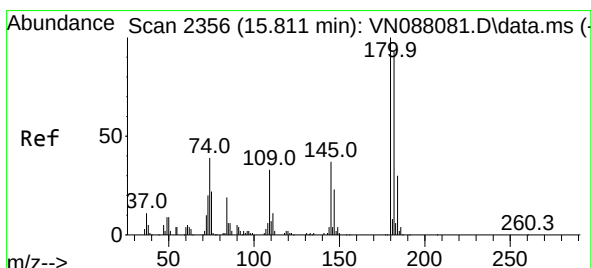
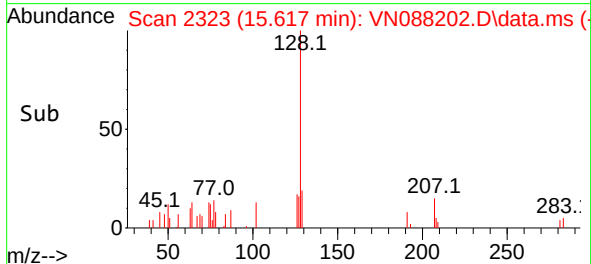
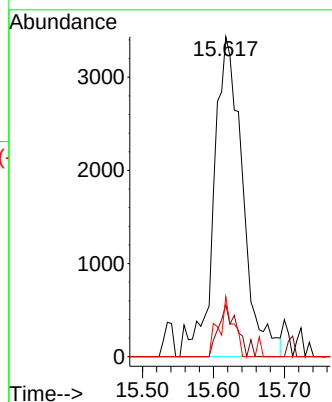
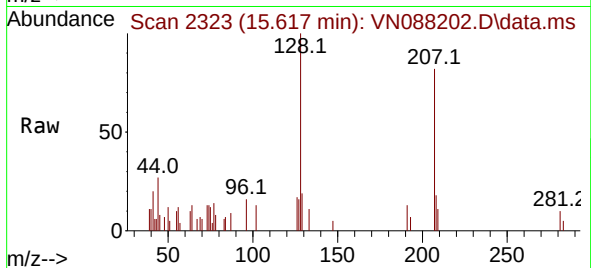
Tgt Ion:128 Resp: 9665

Ion Ratio Lower Upper

128 100

127 10.5 10.6 15.8#

129 9.3 8.6 12.8



#96

1,2,3-Trichlorobenzene

Concen: 1.107 ug/l

RT: 15.817 min Scan# 2357

Delta R.T. 0.006 min

Lab File: VN088202.D

Acq: 06 Nov 2025 13:48

Tgt Ion:180 Resp: 4891

Ion Ratio Lower Upper

180 100

182 77.5 46.8 140.3

145 36.8 17.3 52.0

