

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110725\
 Data File : VN088231.D
 Acq On : 07 Nov 2025 14:12
 Operator : JC\MD
 Sample : Q3560-09
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 SY-12D

Quant Time: Nov 08 01:56:22 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	211115	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.082	114	474557	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.841	117	456150	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.770	152	218223	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.559	65	219049	60.003	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 120.000%			
35) Dibromofluoromethane	8.147	113	166028	52.077	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.160%			
50) Toluene-d8	10.547	98	602365	49.035	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 98.080%			
62) 4-Bromofluorobenzene	12.829	95	240435	55.421	ug/l	0.00
Spiked Amount 50.000	Range 77 - 121		Recovery = 110.840%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.142	85	782	0.328	ug/l #	41
3) Chloromethane	2.383	50	1279	0.457	ug/l	92
4) Vinyl Chloride	2.536	62	3808	1.247	ug/l	92
5) Bromomethane	2.983	94	444	0.243	ug/l #	3
8) Diethyl Ether	3.953	74	592	0.327	ug/l #	1
11) Tert butyl alcohol	5.488	59	357	0.568	ug/l #	71
12) 1,1-Dichloroethene	4.353	96	577	0.217	ug/l #	53
13) Acrolein	4.159	56	168	0.237	ug/l #	1
16) Acetone	4.430	43	5556	3.029	ug/l	97
17) Carbon Disulfide	4.712	76	10726	1.330	ug/l	97
21) trans-1,2-Dichloroethene	5.783	96	609	0.209	ug/l #	27
24) 1,1-Dichloroethane	6.553	63	37284	6.881	ug/l	95
27) cis-1,2-Dichloroethene	7.471	96	20228	6.033	ug/l	89
29) Tetrahydrofuran	7.830	42	3159	2.006	ug/l	95
30) Chloroform	7.953	83	2942	0.544	ug/l	94
31) Cyclohexane	8.212	56	6373	1.247	ug/l #	33
36) 1,1-Dichloropropene	8.206	75	20982	4.507	ug/l #	43
38) Carbon Tetrachloride	8.206	117	25202	5.242	ug/l #	15
40) Benzene	8.594	78	3067	0.216	ug/l #	88
42) 1,2-Dichloroethane	8.659	62	2645	0.525	ug/l #	76
44) Trichloroethene	9.335	130	2913	0.879	ug/l	95
49) 1,4-Dioxane	9.682	88	1342	25.319	ug/l #	96
60) Dibromochloromethane	11.076	129	3177	0.843	ug/l #	10
64) Tetrachloroethene	11.082	164	2586	0.859	ug/l #	83
65) Chlorobenzene	11.870	112	208882	20.167	ug/l	96
68) m/p-Xylenes	12.047	106	1374	0.202	ug/l	94
76) 1,2,3-Trichloropropane	12.829	75	134716	27.001	ug/l #	1
79) 2-Chlorotoluene	13.106	91	9279	0.792	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.829	75	134716	75.321	ug/l #	1
82) 4-Chlorotoluene	13.106	91	9279	0.732	ug/l	99
87) 1,3-Dichlorobenzene	13.711	146	13171	1.818	ug/l	99
88) 1,4-Dichlorobenzene	13.794	146	52982	6.808	ug/l	94
91) 1,2-Dichlorobenzene	14.082	146	33763	4.834	ug/l	98

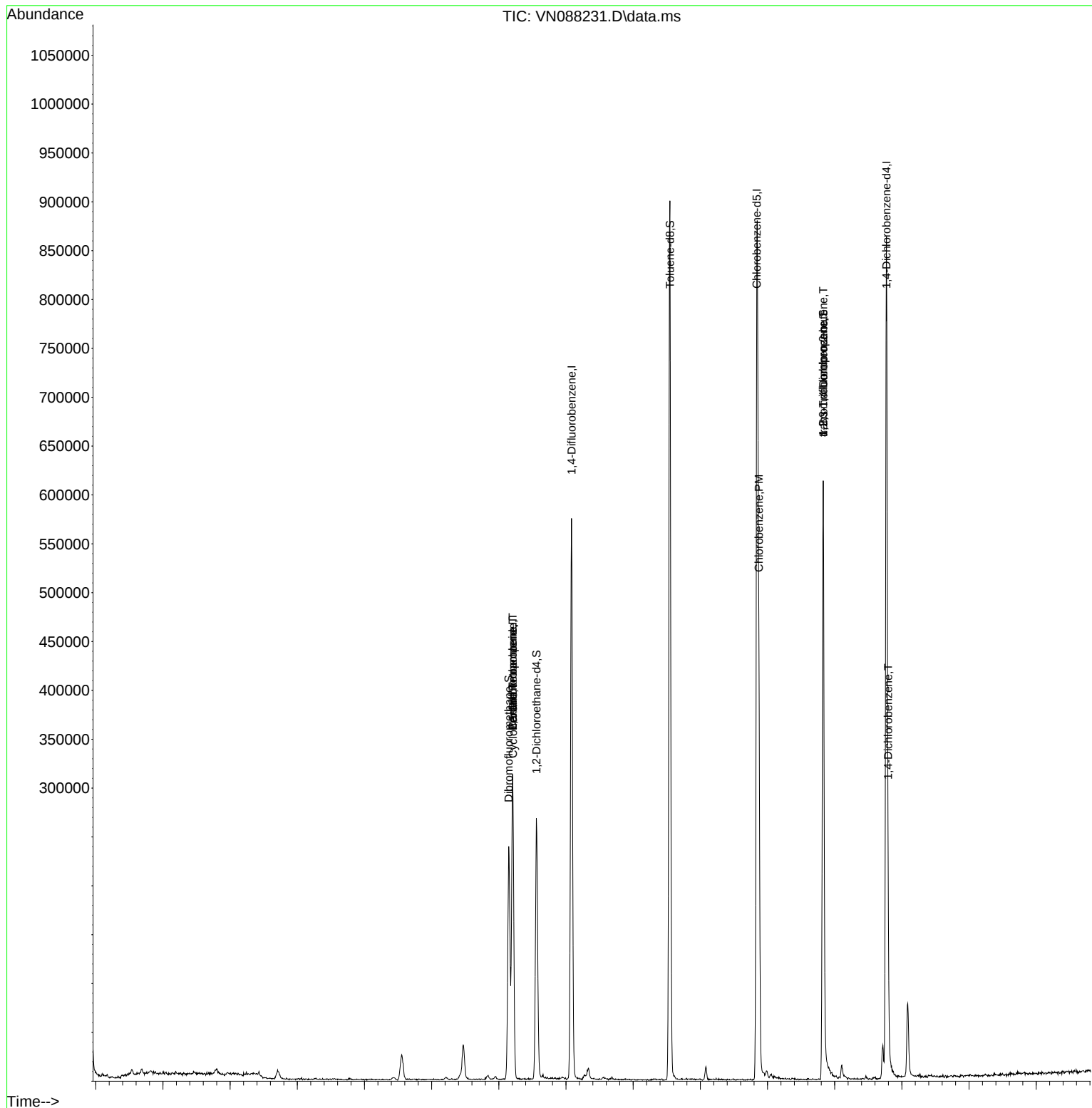
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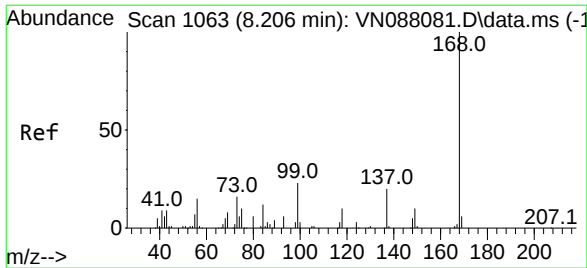
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

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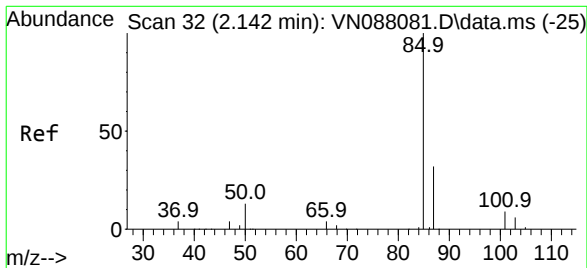
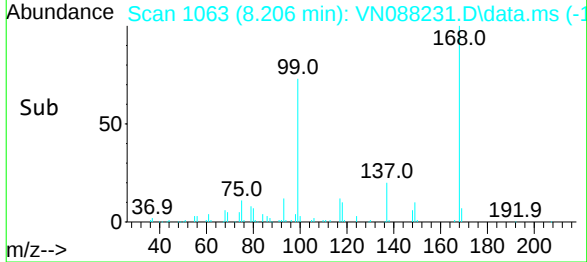
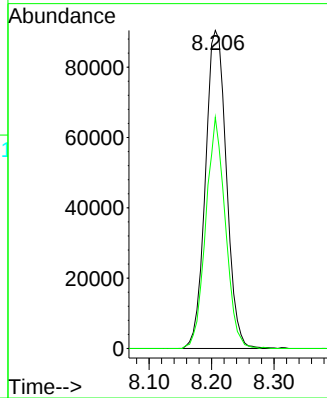
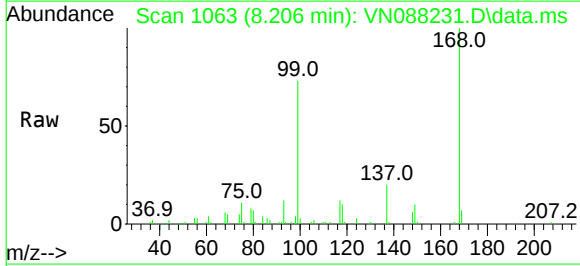




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 8.206 min Scan# 1063
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

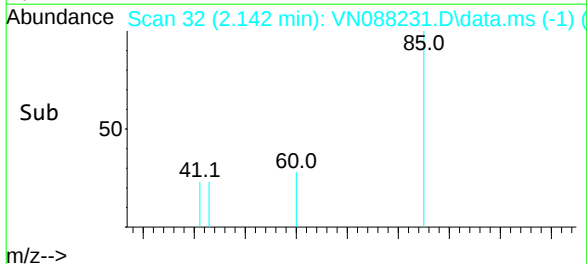
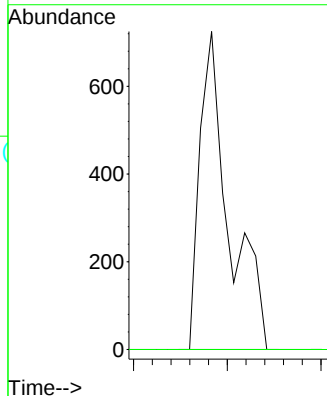
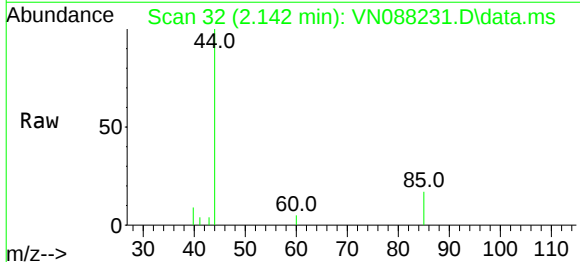
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

Tgt Ion:168 Resp: 211115
Ion Ratio Lower Upper
168 100
99 72.7 57.2 85.8

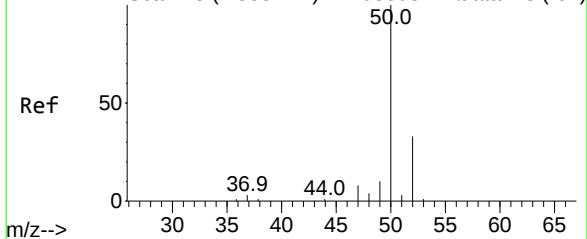


#2
Dichlorodifluoromethane
Concen: 0.328 ug/l
RT: 2.142 min Scan# 32
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 85 Resp: 782
Ion Ratio Lower Upper
85 100
87 0.0 16.6 49.8



Abundance Scan 73 (2.383 min): VN088081.D\data.ms (-64)



#3

Chloromethane

Concen: 0.457 ug/l

RT: 2.383 min Scan# 73

Delta R.T. -0.000 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

SY-12D

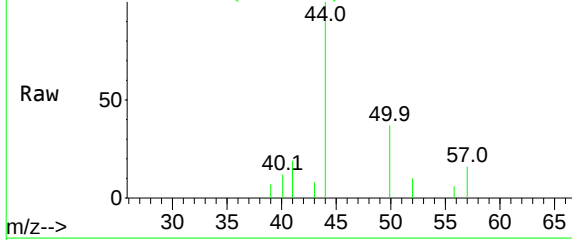
Tgt Ion: 50 Resp: 1279

Ion Ratio Lower Upper

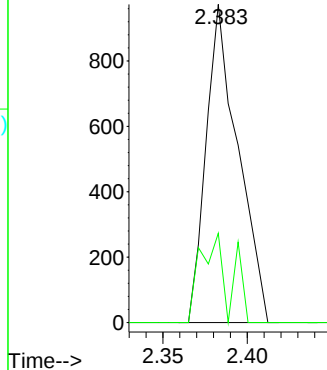
50 100

52 28.1 26.2 39.4

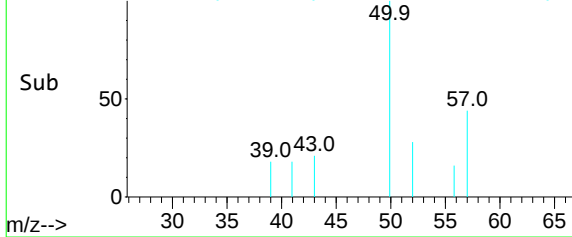
Abundance Scan 73 (2.383 min): VN088231.D\data.ms



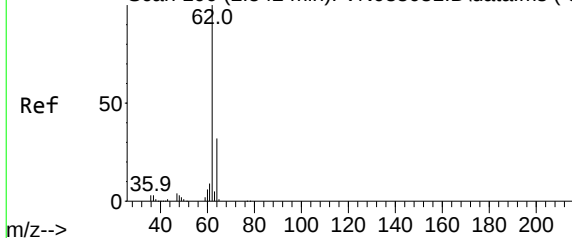
Abundance



Abundance Scan 73 (2.383 min): VN088231.D\data.ms (-22)



Abundance Scan 100 (2.542 min): VN088081.D\data.ms (-91)



#4

Vinyl Chloride

Concen: 1.247 ug/l

RT: 2.536 min Scan# 99

Delta R.T. -0.006 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

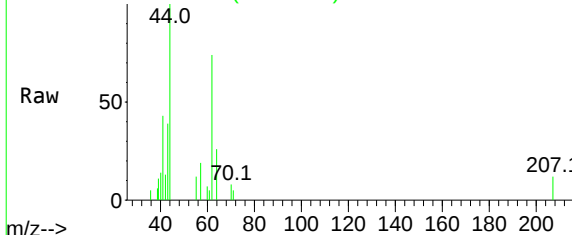
Tgt Ion: 62 Resp: 3808

Ion Ratio Lower Upper

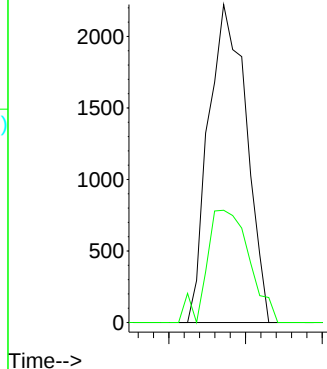
62 100

64 35.3 24.6 37.0

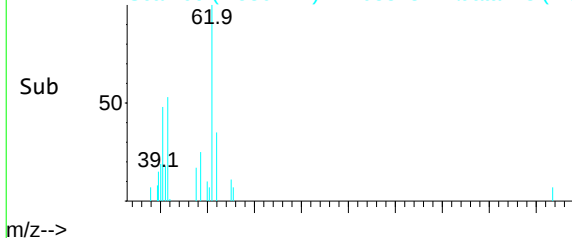
Abundance Scan 99 (2.536 min): VN088231.D\data.ms

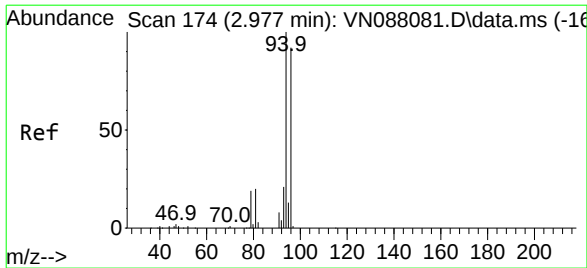


Abundance



Abundance Scan 99 (2.536 min): VN088231.D\data.ms (-49)

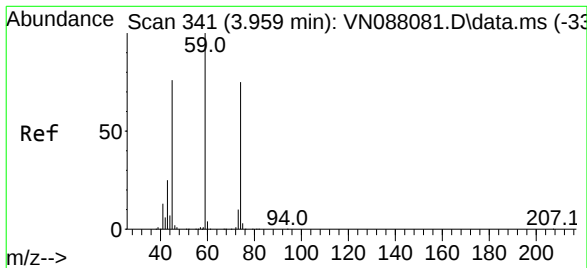
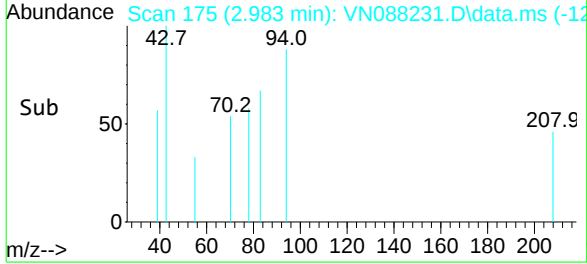
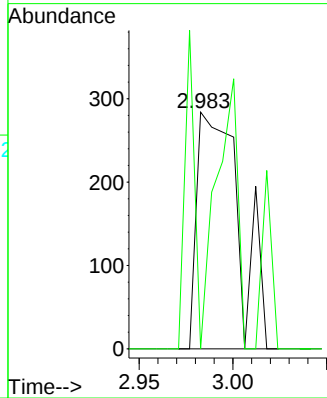
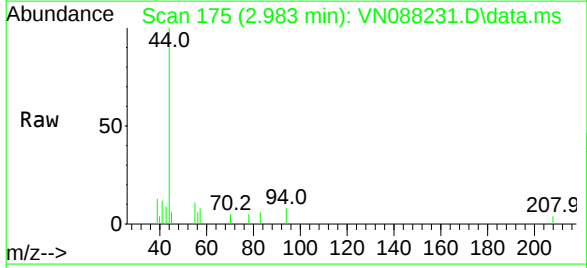




#5
Bromomethane
Concen: 0.243 ug/l
RT: 2.983 min Scan# 17
Delta R.T. 0.012 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

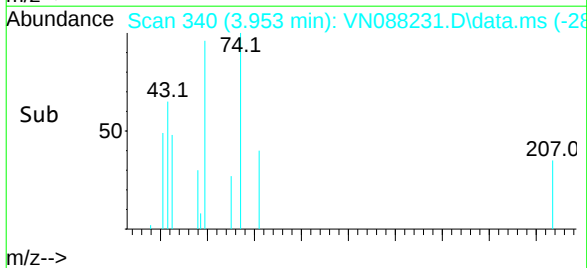
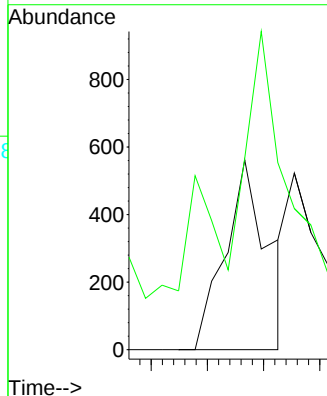
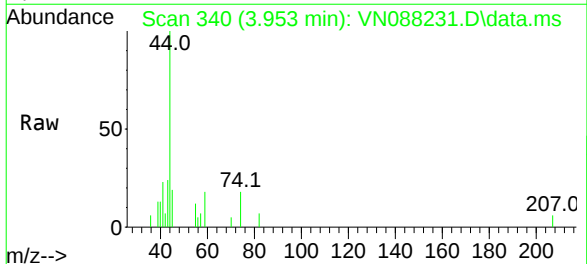
Instrument :
MSVOA_N
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SY-12D

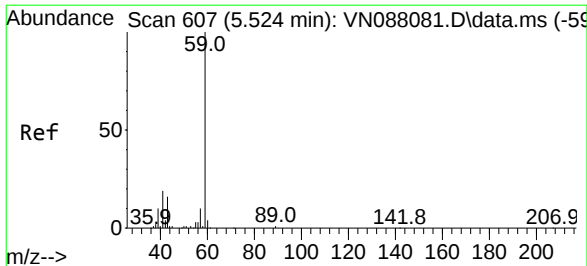
Tgt Ion: 94 Resp: 444
Ion Ratio Lower Upper
94 100
96 0.0 75.4 113.2#



#8
Diethyl Ether
Concen: 0.327 ug/l
RT: 3.953 min Scan# 340
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 74 Resp: 592
Ion Ratio Lower Upper
74 100
45 331.6 50.6 151.9#

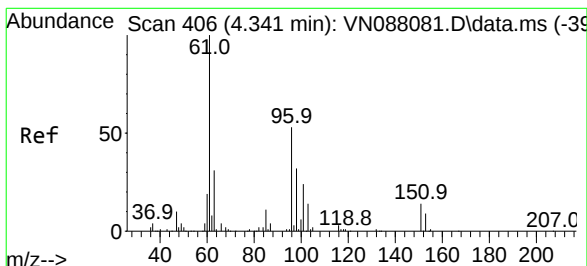
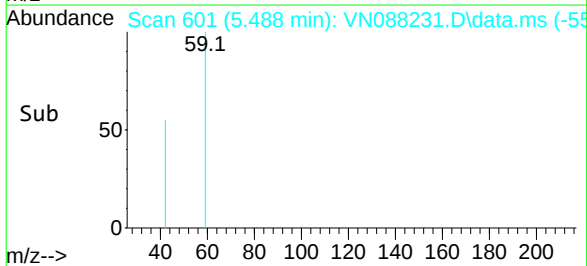
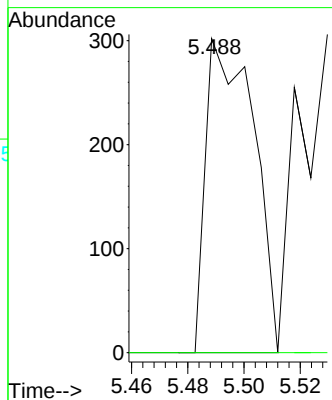
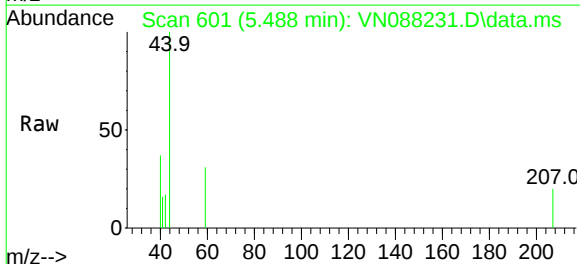




#11
Tert butyl alcohol
Concen: 0.568 ug/l
RT: 5.488 min Scan# 607
Delta R.T. -0.030 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

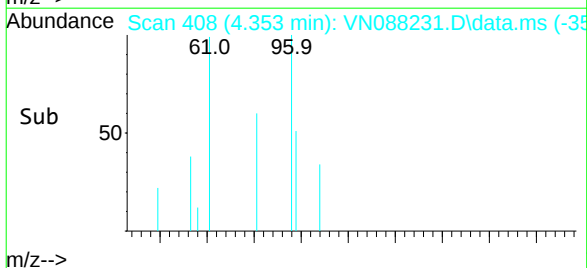
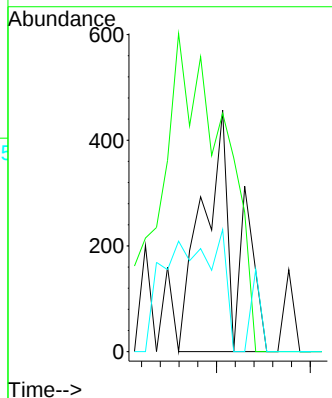
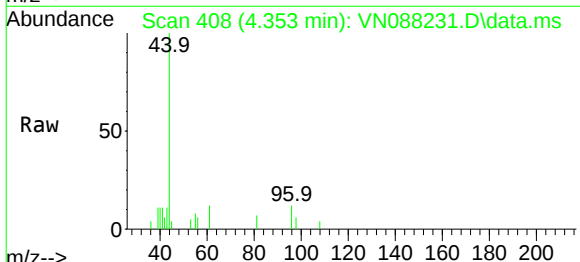
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

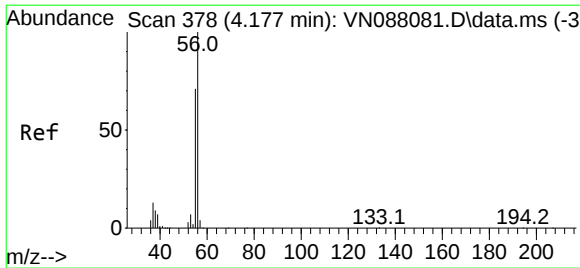
Tgt Ion: 59 Resp: 357
Ion Ratio Lower Upper
59 100
57 0.0 9.0 13.4#



#12
1,1-Dichloroethene
Concen: 0.217 ug/l
RT: 4.353 min Scan# 408
Delta R.T. 0.017 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 96 Resp: 577
Ion Ratio Lower Upper
96 100
61 98.7 143.8 215.8#
98 50.5 52.1 78.1#

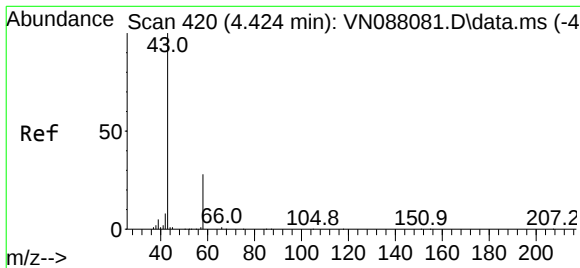
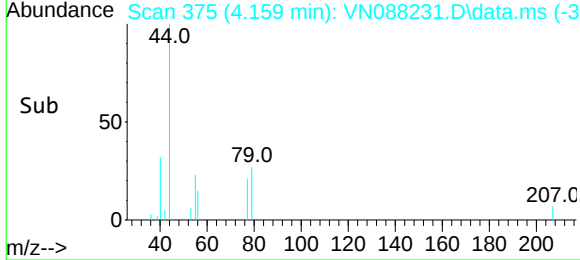
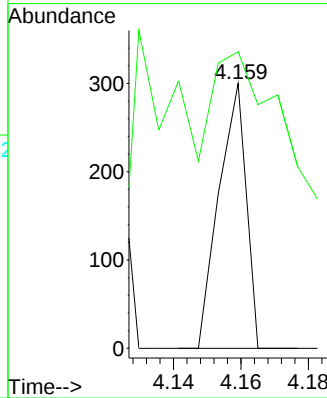
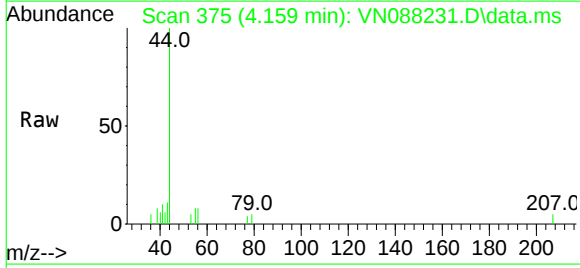




#13
 Acrolein
 Concen: 0.237 ug/l
 RT: 4.159 min Scan# 37
 Delta R.T. -0.012 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

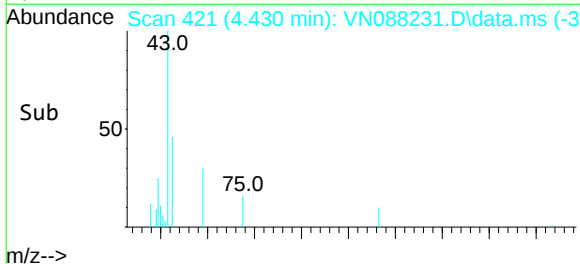
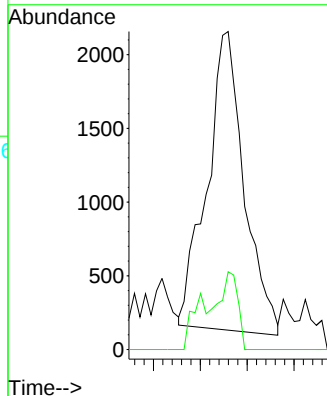
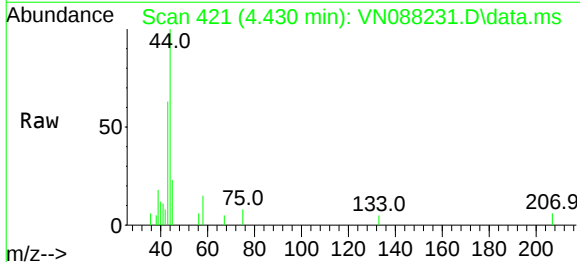
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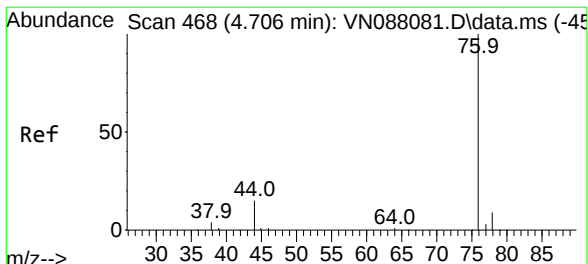
Tgt Ion: 56 Resp: 168
 Ion Ratio Lower Upper
 56 100
 55 335.7 57.3 85.9#



#16
 Acetone
 Concen: 3.029 ug/l
 RT: 4.430 min Scan# 421
 Delta R.T. 0.006 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

Tgt Ion: 43 Resp: 5556
 Ion Ratio Lower Upper
 43 100
 58 26.5 22.6 33.8

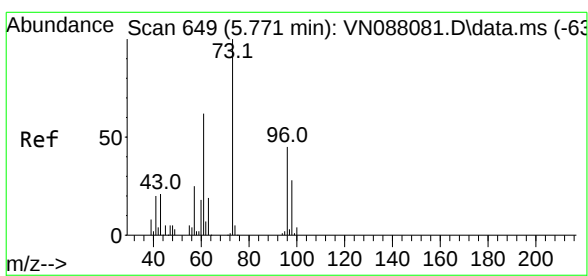
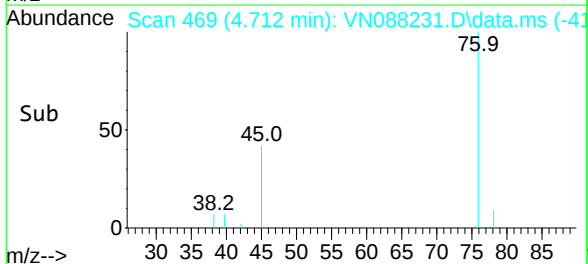
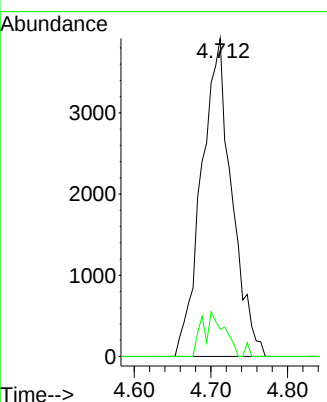
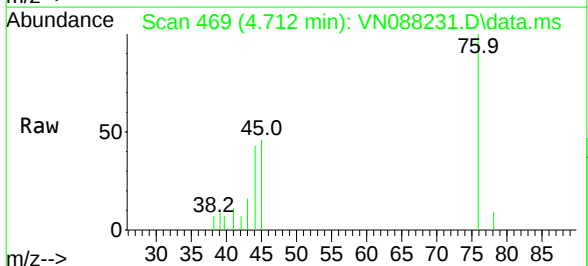




#17
Carbon Disulfide
Concen: 1.330 ug/l
RT: 4.712 min Scan# 468
Delta R.T. 0.012 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

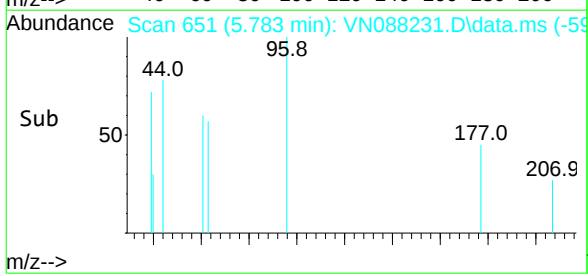
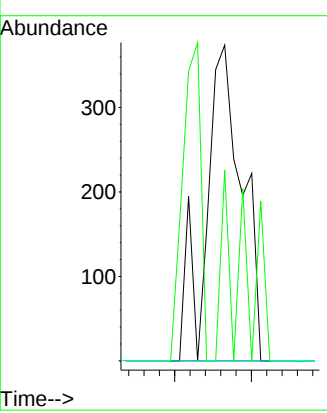
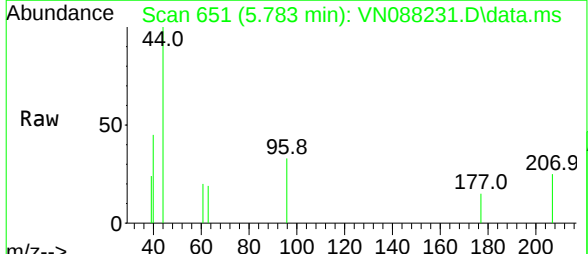
Instrument :
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ClientSampleId :
SY-12D

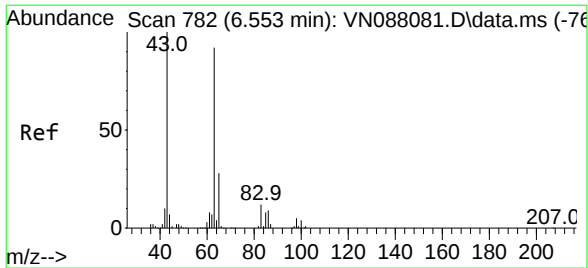
Tgt Ion:	76	Resp:	10726
Ion	Ratio	Lower	Upper
76	100		
78	8.6	7.6	11.4



#21
trans-1,2-Dichloroethene
Concen: 0.209 ug/l
RT: 5.783 min Scan# 651
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

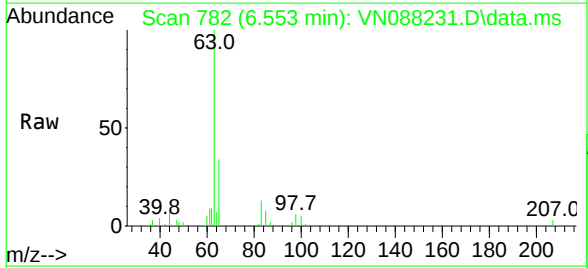
Tgt Ion:	96	Resp:	609
Ion	Ratio	Lower	Upper
96	100		
61	60.4	118.0	177.0#
98	0.0	50.0	75.0#



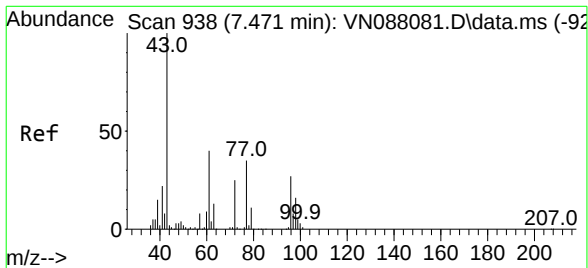
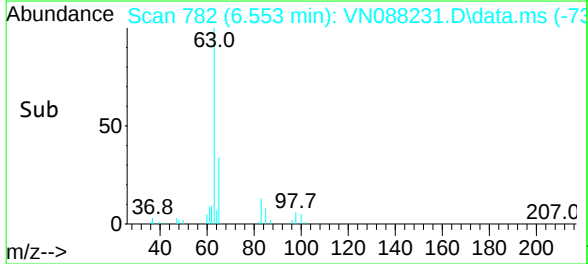
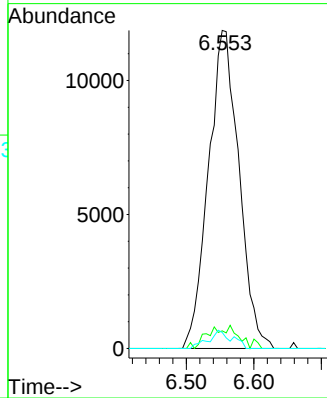


#24
1,1-Dichloroethane
Concen: 6.881 ug/l
RT: 6.553 min Scan# 782
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Instrument :
MSVOA_N
ClientSampleId :
SY-12D

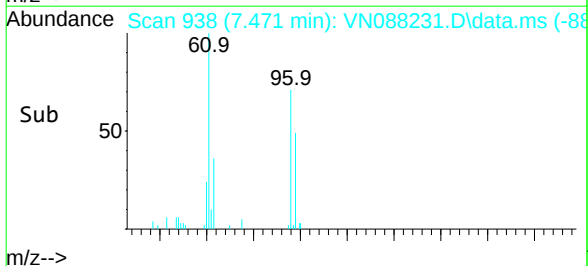
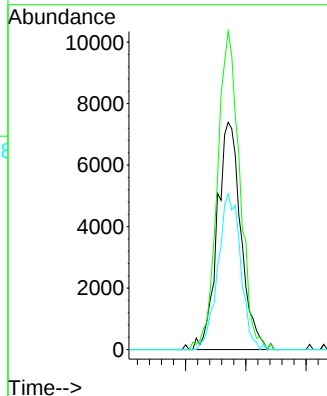
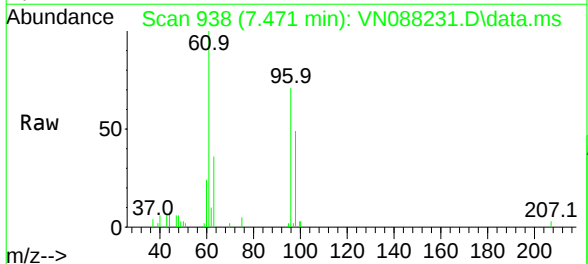


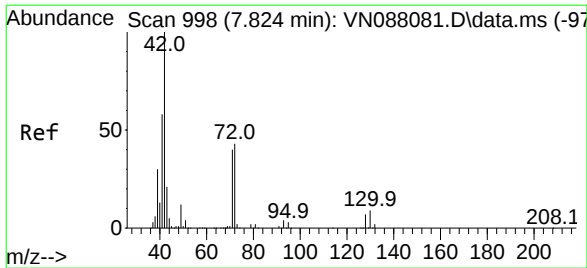
Tgt Ion:	63	Resp:	37284
Ion	Ratio	Lower	Upper
63	100		
98	5.5	3.8	11.4
100	5.0	2.0	6.0



#27
cis-1,2-Dichloroethene
Concen: 6.033 ug/l
RT: 7.471 min Scan# 938
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:	96	Resp:	20228
Ion	Ratio	Lower	Upper
96	100		
61	132.0	0.0	301.8
98	65.3	0.0	126.2

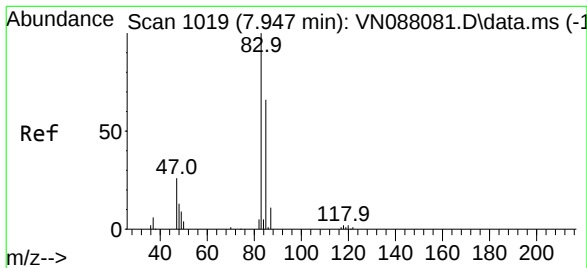
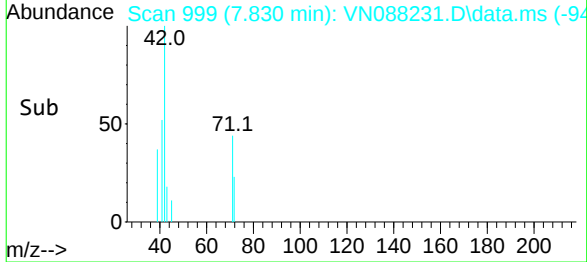
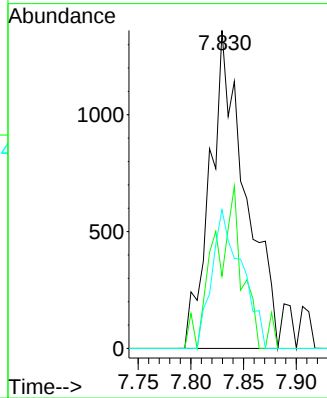
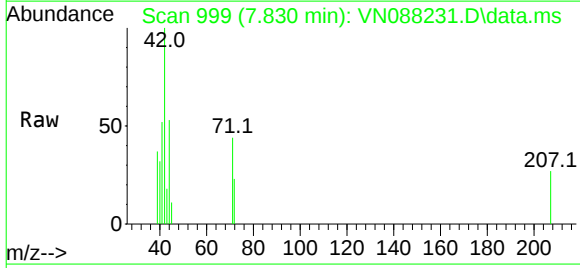




#29
Tetrahydrofuran
Concen: 2.006 ug/l
RT: 7.830 min Scan# 99
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

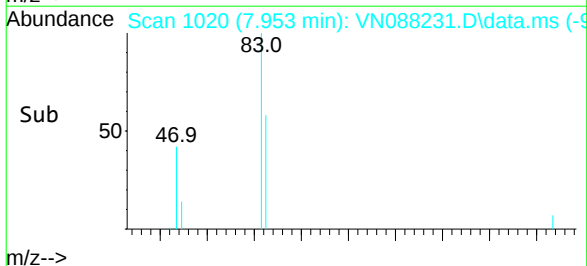
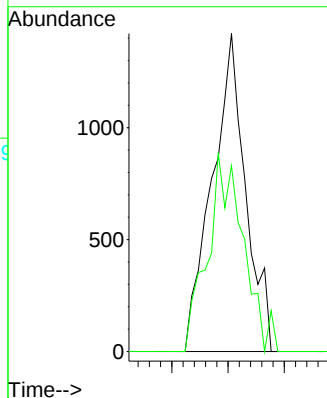
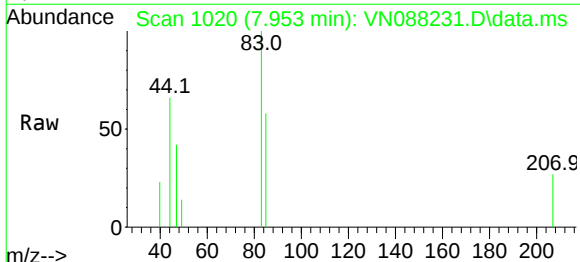
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

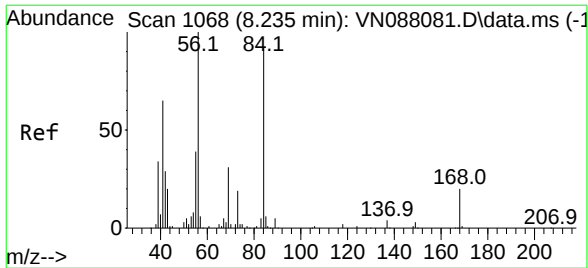
Tgt Ion:	42	Resp:	3159
Ion	Ratio	Lower	Upper
42	100		
72	39.4	33.7	50.5
71	36.9	31.9	47.9



#30
Chloroform
Concen: 0.544 ug/l
RT: 7.953 min Scan# 1020
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:	83	Resp:	2942
Ion	Ratio	Lower	Upper
83	100		
85	58.4	50.7	76.1

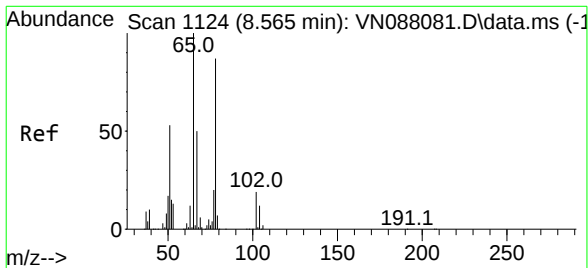
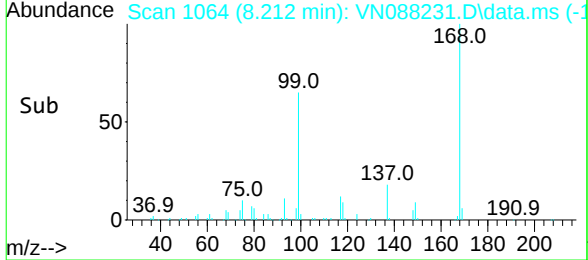
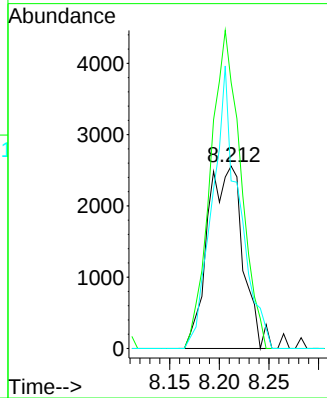
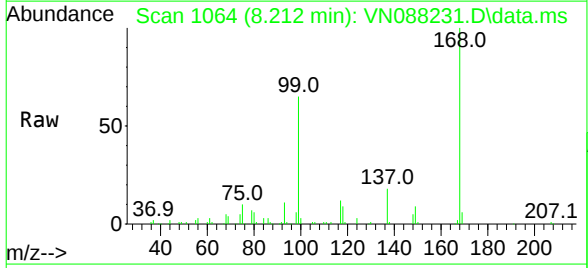




#31
Cyclohexane
Concen: 1.247 ug/l
RT: 8.212 min Scan# 1064
Delta R.T. -0.024 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

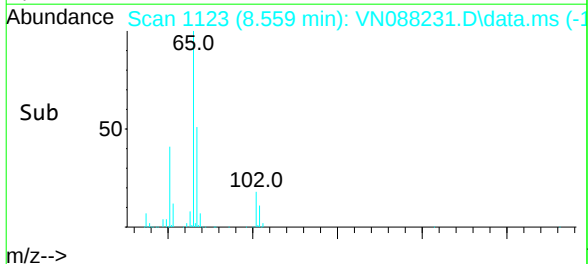
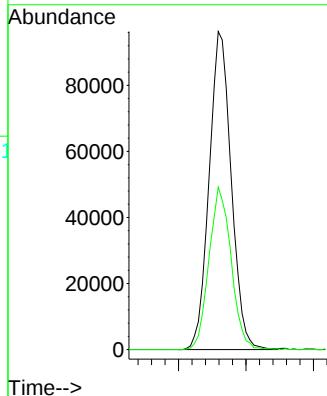
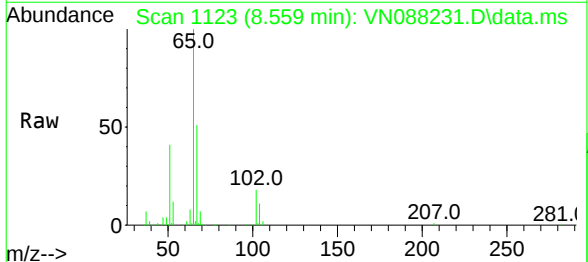
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

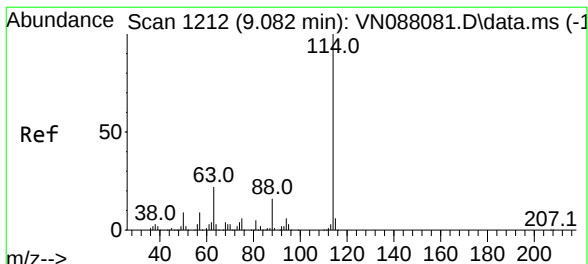
Tgt Ion: 56 Resp: 6373
Ion Ratio Lower Upper
56 100
69 146.1 23.7 35.5#
84 91.9 64.7 97.1



#33
1,2-Dichloroethane-d4
Concen: 60.003 ug/l
RT: 8.559 min Scan# 1123
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 65 Resp: 219049
Ion Ratio Lower Upper
65 100
67 51.2 0.0 100.0

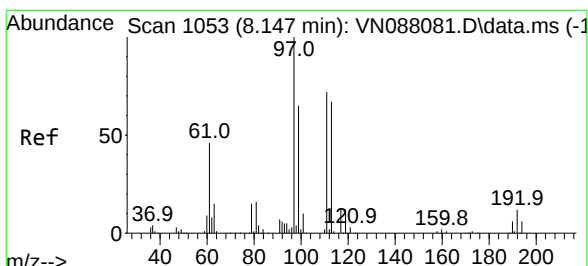
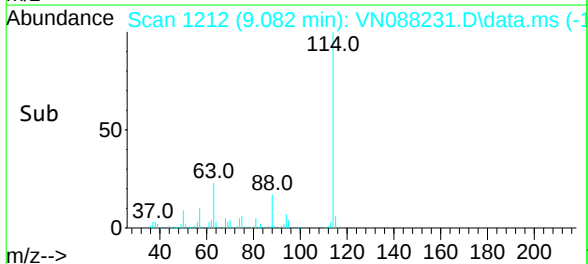
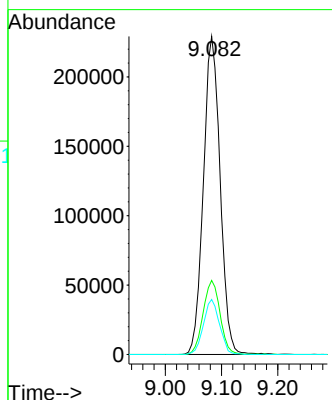
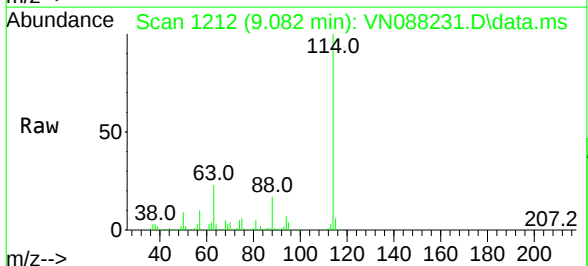




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 9.082 min Scan# 1212
 Delta R.T. -0.000 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

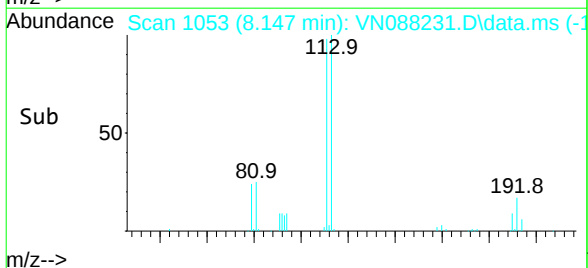
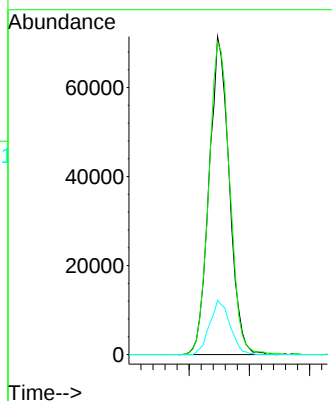
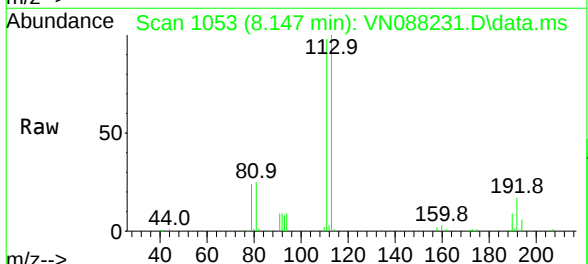
Instrument :
 MSVOA_N
 ClientSampleId :
 SY-12D

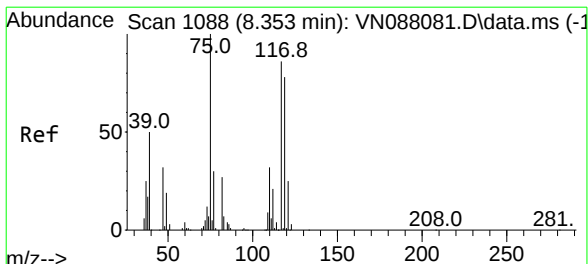
Tgt Ion:	114	Resp:	474557
Ion	Ratio	Lower	Upper
114	100		
63	23.3	0.0	45.2
88	17.3	0.0	33.4



#35
 Dibromofluoromethane
 Concen: 52.077 ug/l
 RT: 8.147 min Scan# 1053
 Delta R.T. -0.006 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

Tgt Ion:	113	Resp:	166028
Ion	Ratio	Lower	Upper
113	100		
111	102.3	82.8	124.2
192	17.2	12.8	19.2

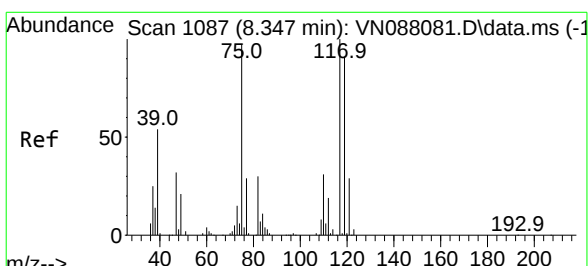
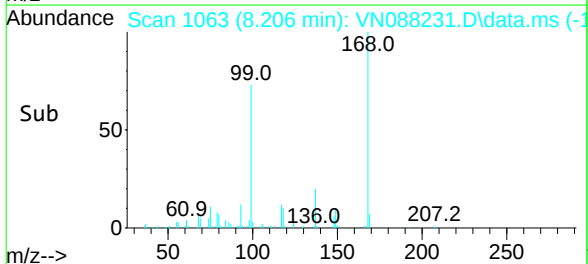
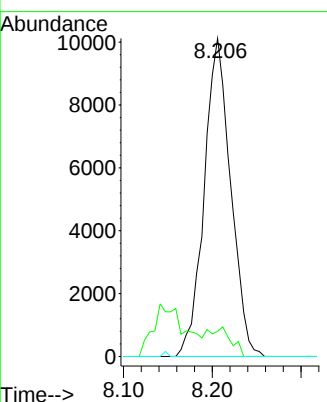
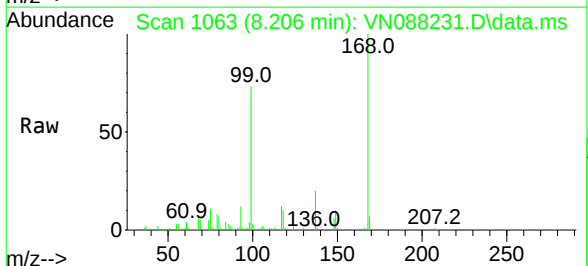




#36
 1,1-Dichloropropene
 Concen: 4.507 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.147 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

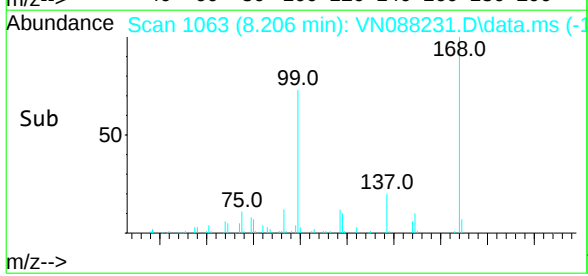
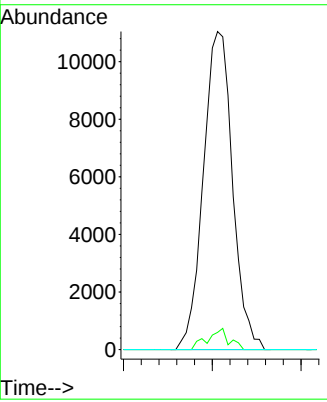
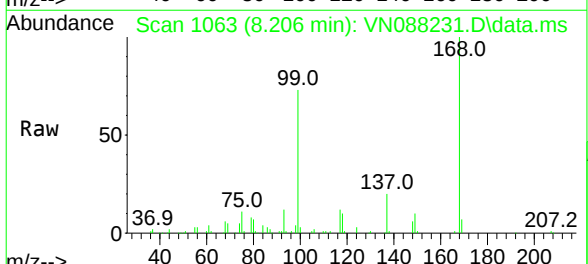
Instrument :
 MSVOA_N
 ClientSampleId :
 SY-12D

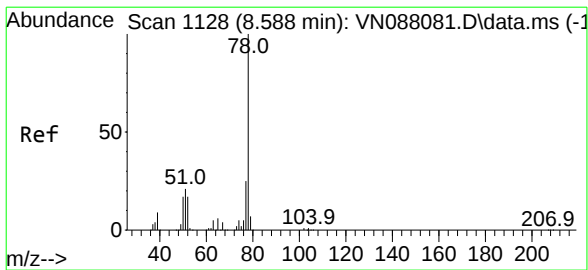
Tgt Ion:	75	Resp:	20982
Ion	Ratio	Lower	Upper
75	100		
110	0.0	15.9	47.6#
77	0.0	24.4	36.6#



#38
 Carbon Tetrachloride
 Concen: 5.242 ug/l
 RT: 8.206 min Scan# 1063
 Delta R.T. -0.135 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

Tgt Ion:	117	Resp:	25202
Ion	Ratio	Lower	Upper
117	100		
119	5.4	79.0	118.6#
121	0.0	25.0	37.6#





#40

Benzene

Concen: 0.216 ug/l

RT: 8.594 min Scan# 111

Delta R.T. 0.006 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

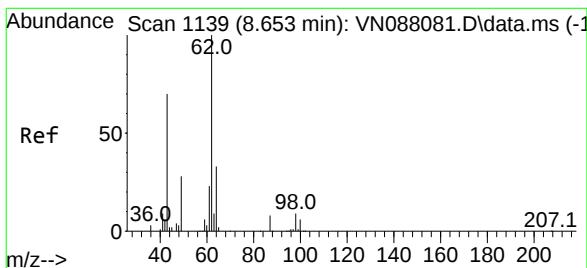
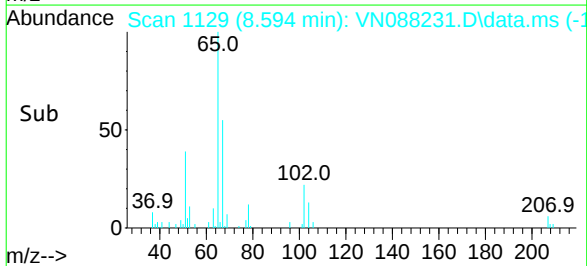
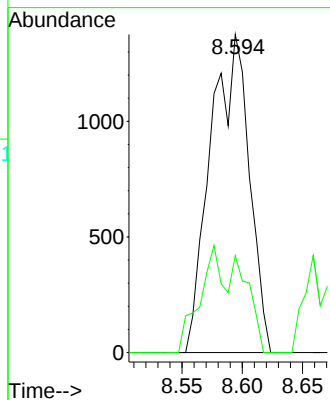
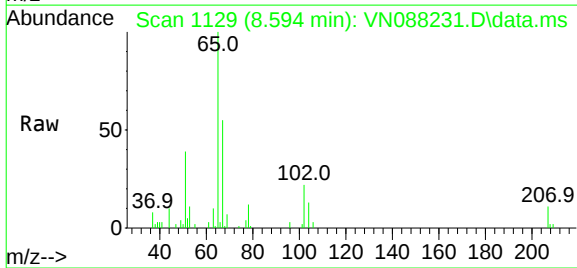
SY-12D

Tgt Ion: 78 Resp: 3067

Ion Ratio Lower Upper

78 100

77 30.5 19.7 29.5#



#42

1,2-Dichloroethane

Concen: 0.525 ug/l

RT: 8.659 min Scan# 1140

Delta R.T. 0.006 min

Lab File: VN088231.D

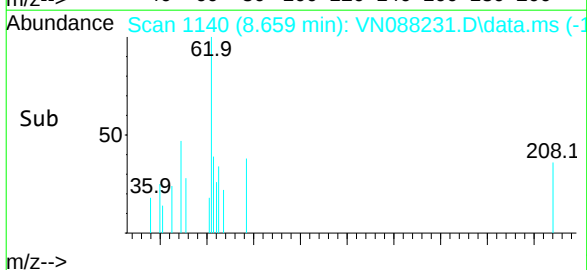
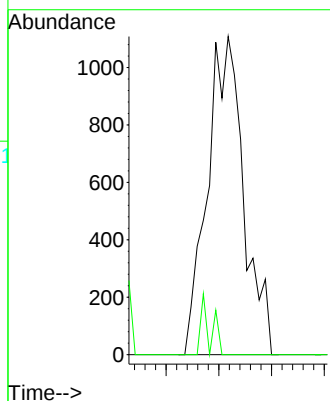
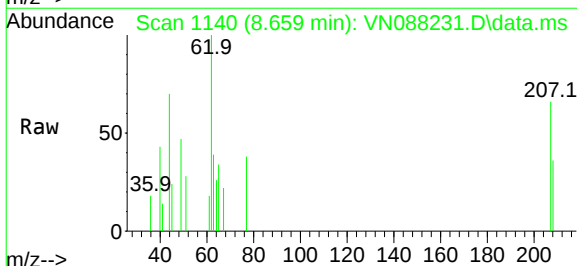
Acq: 07 Nov 2025 14:12

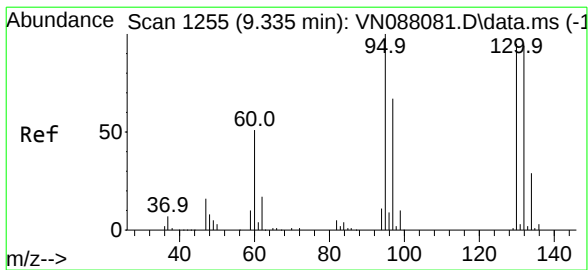
Tgt Ion: 62 Resp: 2645

Ion Ratio Lower Upper

62 100

98 0.0 0.0 17.4





#44

Trichloroethene

Concen: 0.879 ug/l

RT: 9.335 min Scan# 1255

Delta R.T. 0.006 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

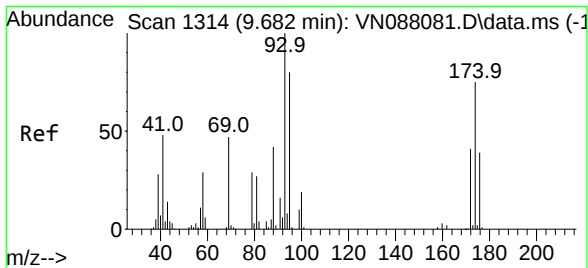
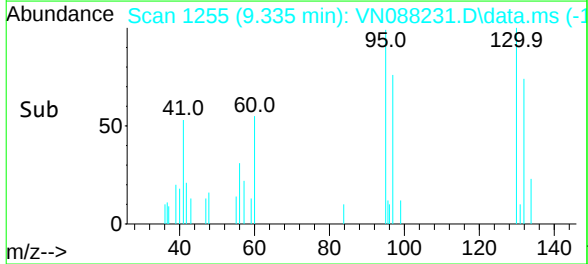
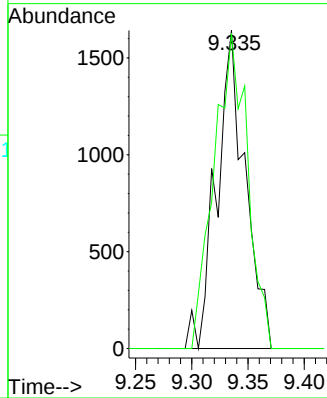
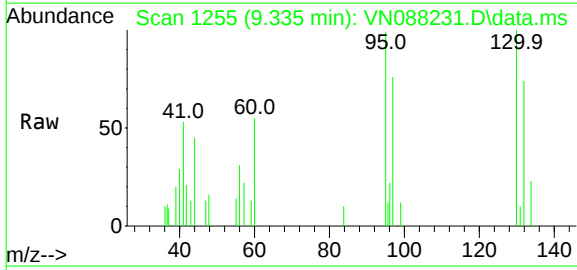
SY-12D

Tgt Ion:130 Resp: 2913

Ion Ratio Lower Upper

130 100

95 110.9 0.0 212.0



#49

1,4-Dioxane

Concen: 25.319 ug/l

RT: 9.682 min Scan# 1314

Delta R.T. -0.000 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

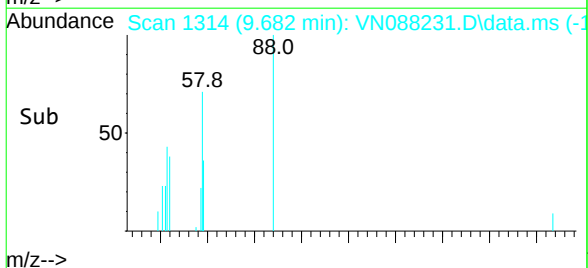
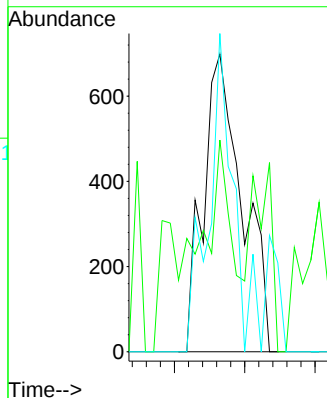
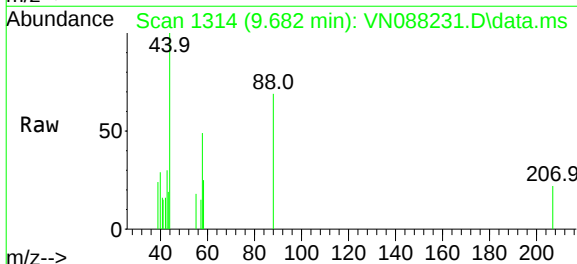
Tgt Ion: 88 Resp: 1342

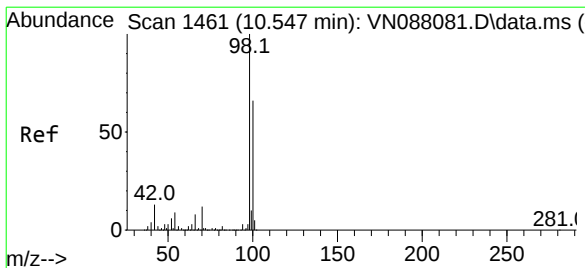
Ion Ratio Lower Upper

88 100

43 44.3 0.0 0.0#

58 68.9 57.9 86.9





#50

Toluene-d8

Concen: 49.035 ug/l

RT: 10.547 min Scan# 14

Delta R.T. -0.000 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

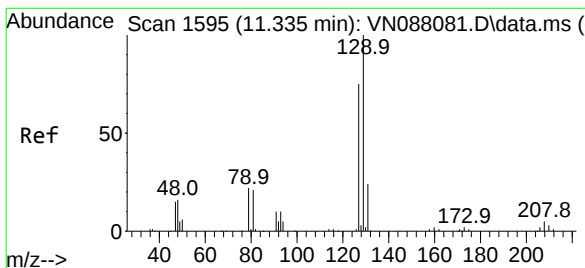
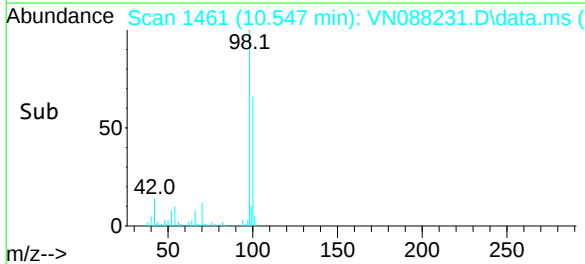
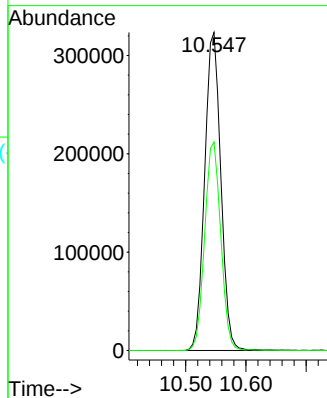
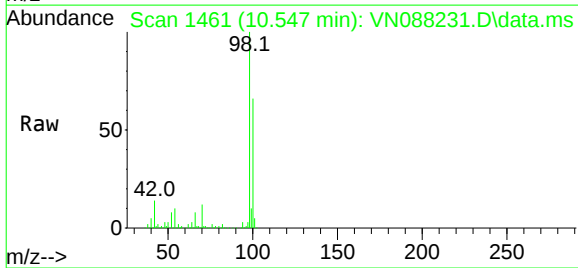
SY-12D

Tgt Ion: 98 Resp: 602365

Ion Ratio Lower Upper

98 100

100 65.3 52.8 79.2



#60

Dibromochloromethane

Concen: 0.843 ug/l

RT: 11.076 min Scan# 1551

Delta R.T. -0.259 min

Lab File: VN088231.D

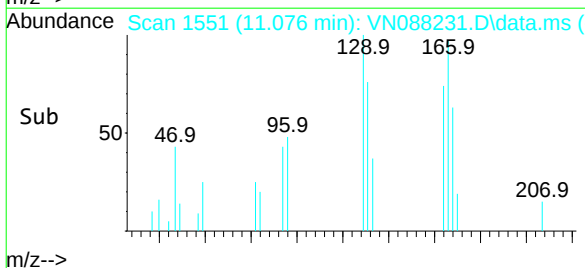
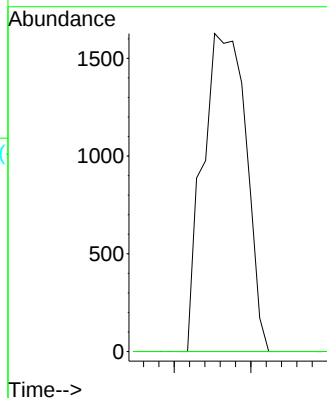
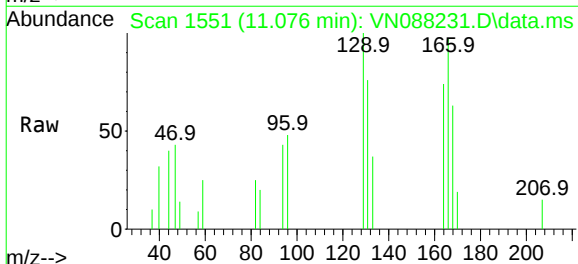
Acq: 07 Nov 2025 14:12

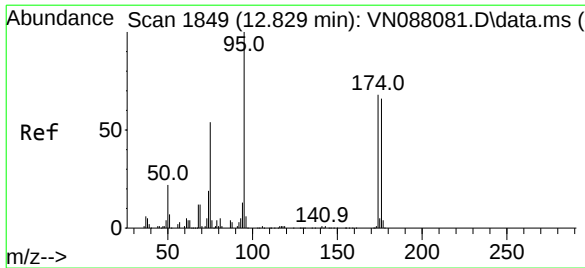
Tgt Ion:129 Resp: 3177

Ion Ratio Lower Upper

129 100

127 0.0 39.1 117.3#

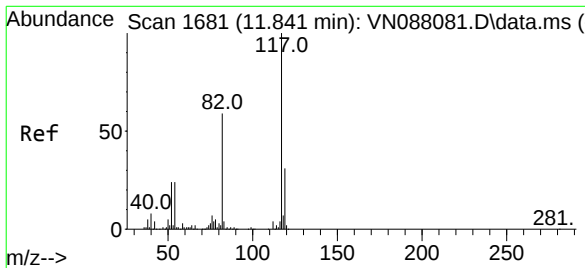
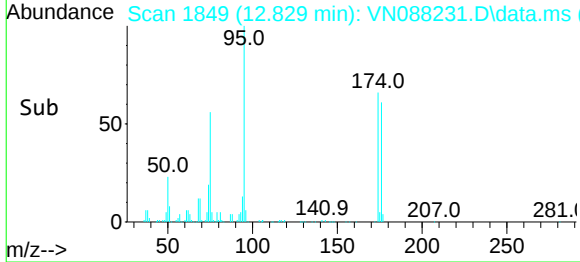
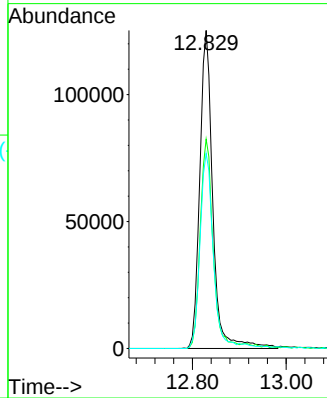
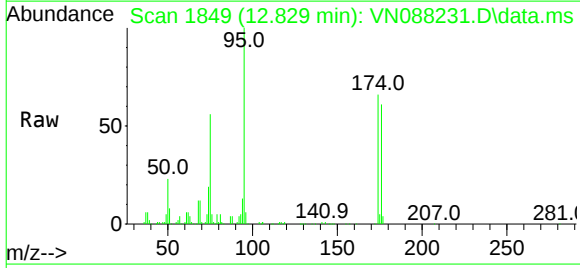




#62
4-Bromofluorobenzene
Concen: 55.421 ug/l
RT: 12.829 min Scan# 1849
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

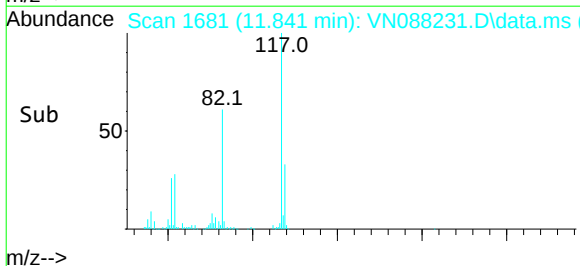
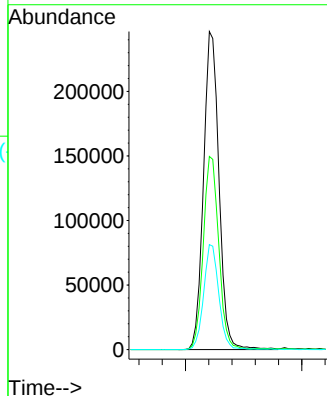
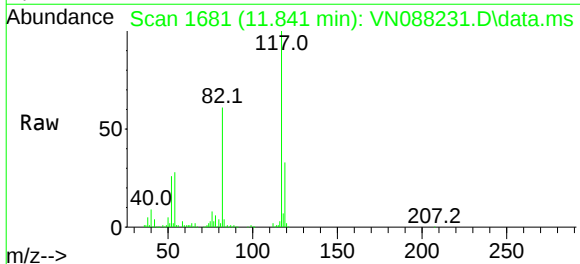
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

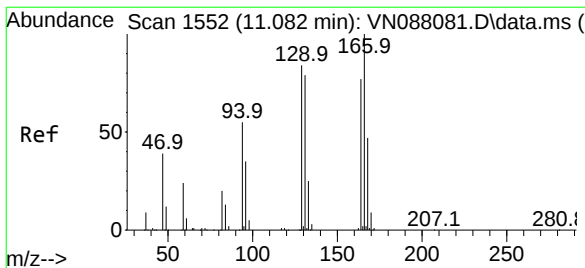
Tgt Ion:	95	Resp:	240435
Ion	Ratio	Lower	Upper
95	100		
174	65.0	0.0	138.4
176	63.1	0.0	132.6



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.841 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:	117	Resp:	456150
Ion	Ratio	Lower	Upper
117	100		
82	60.7	47.4	71.2
119	33.0	24.3	36.5





#64

Tetrachloroethene

Concen: 0.859 ug/l

RT: 11.082 min Scan# 1552

Delta R.T. -0.000 min

Lab File: VN088231.D

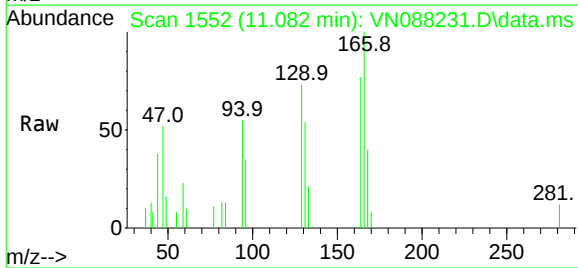
Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

SY-12D



Tgt Ion:164 Resp: 2586

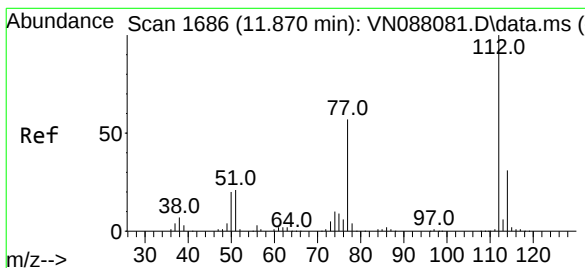
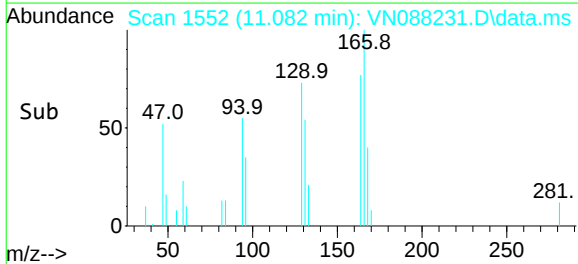
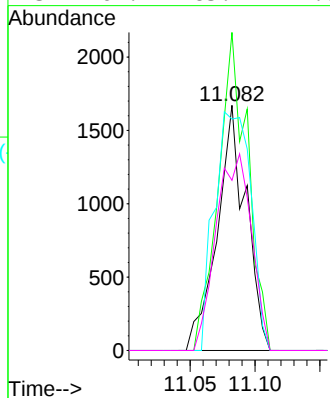
Ion Ratio Lower Upper

164 100

166 129.7 97.7 146.5

129 94.4 85.9 128.9

131 69.4 83.2 124.8#



#65

Chlorobenzene

Concen: 20.167 ug/l

RT: 11.870 min Scan# 1686

Delta R.T. -0.000 min

Lab File: VN088231.D

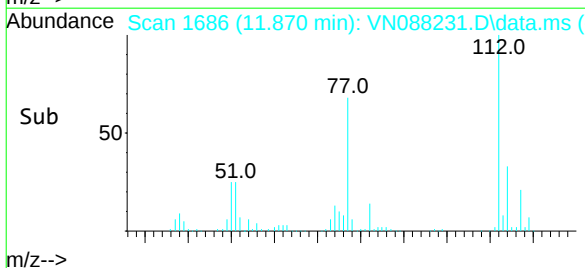
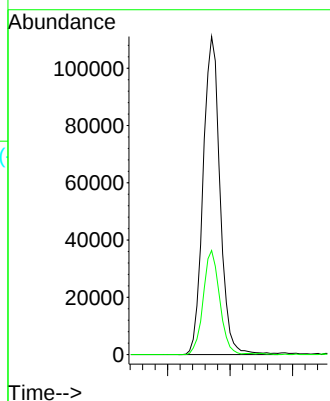
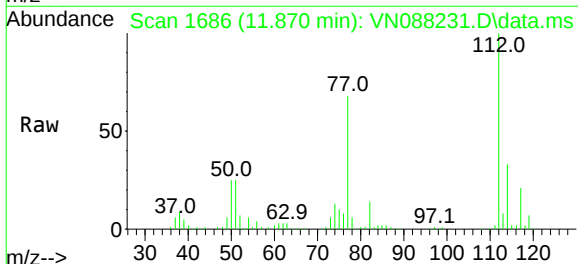
Acq: 07 Nov 2025 14:12

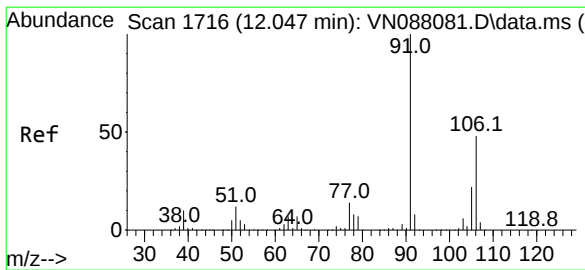
Tgt Ion:112 Resp: 208882

Ion Ratio Lower Upper

112 100

114 32.7 24.3 36.5

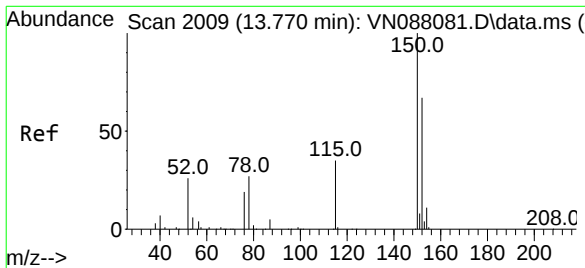
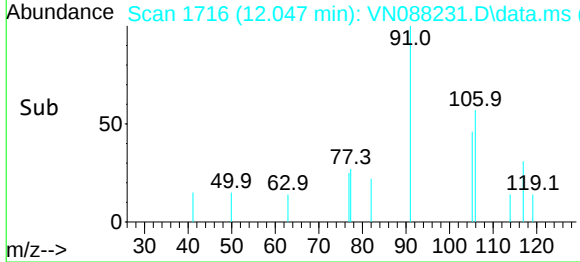
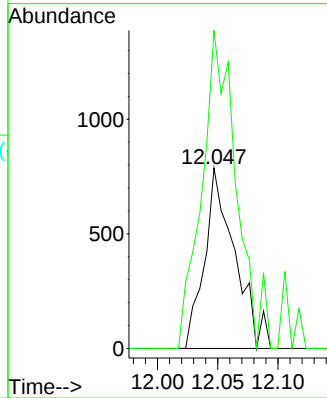
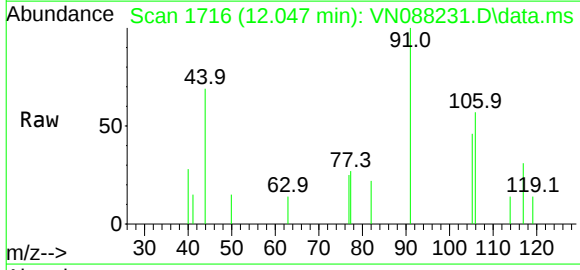




#68
m/p-Xylenes
Concen: 0.202 ug/l
RT: 12.047 min Scan# 1716
Delta R.T. -0.000 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

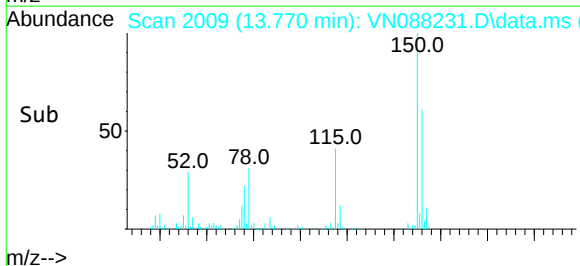
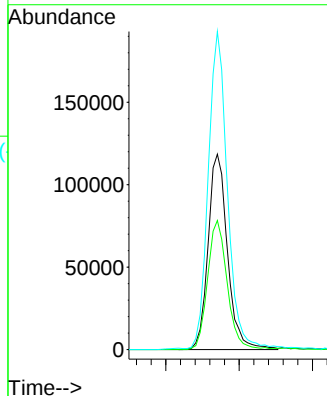
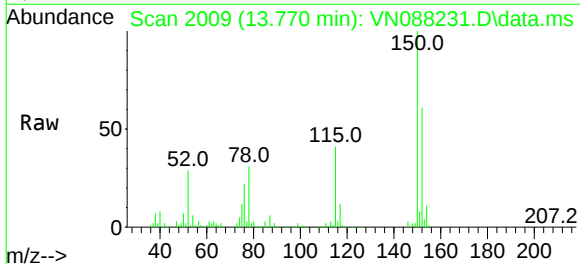
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

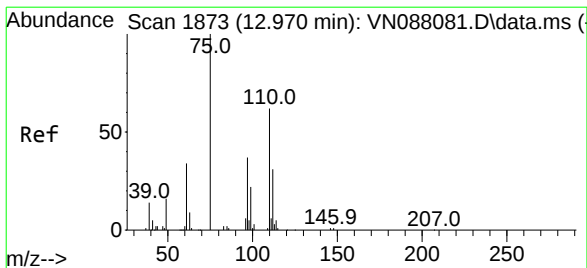
Tgt Ion:106 Resp: 1374
Ion Ratio Lower Upper
106 100
91 202.0 169.3 253.9



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.770 min Scan# 2009
Delta R.T. 0.006 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion:152 Resp: 218223
Ion Ratio Lower Upper
152 100
115 66.7 32.3 96.8
150 163.3 0.0 351.0





#76

1,2,3-Trichloropropane

Concen: 27.001 ug/l

RT: 12.829 min Scan# 1873

Delta R.T. -0.141 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

Instrument :

MSVOA_N

ClientSampleId :

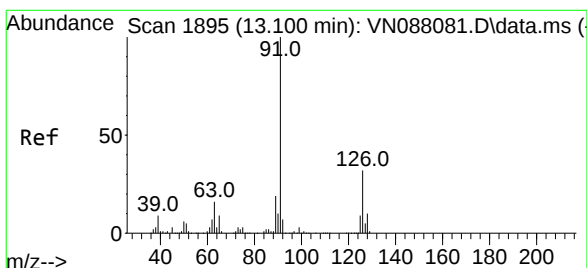
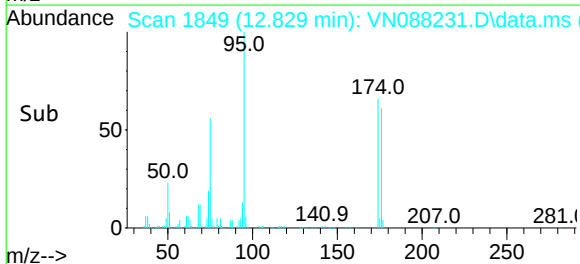
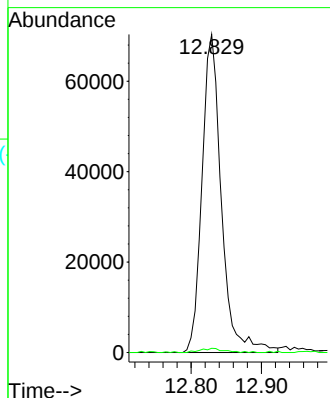
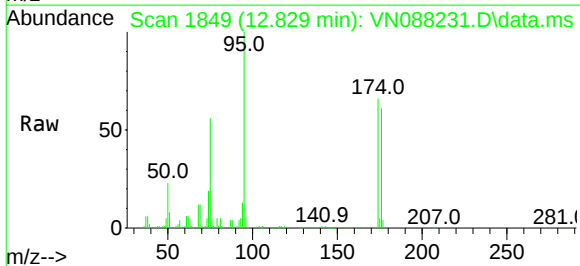
SY-12D

Tgt Ion: 75 Resp: 134716

Ion Ratio Lower Upper

75 100

77 1.5 89.1 267.4#



#79

2-Chlorotoluene

Concen: 0.792 ug/l

RT: 13.106 min Scan# 1896

Delta R.T. 0.006 min

Lab File: VN088231.D

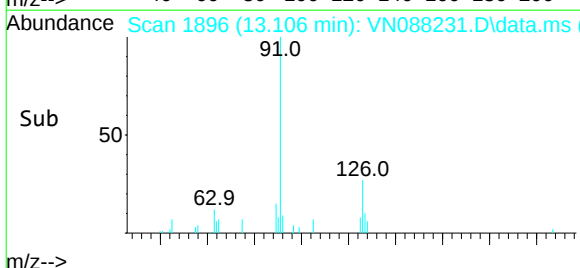
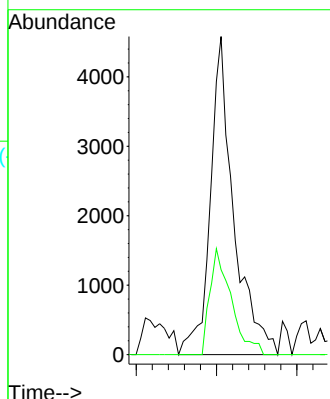
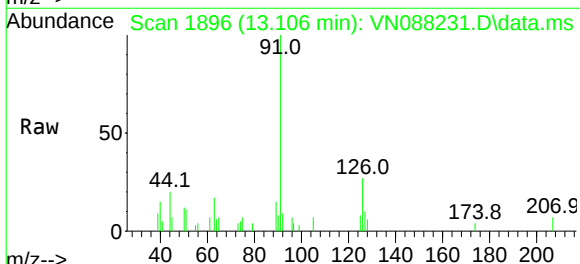
Acq: 07 Nov 2025 14:12

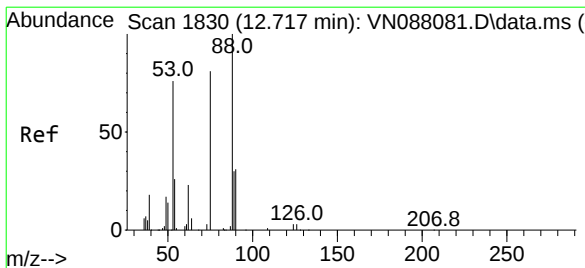
Tgt Ion: 91 Resp: 9279

Ion Ratio Lower Upper

91 100

126 30.4 16.1 48.3

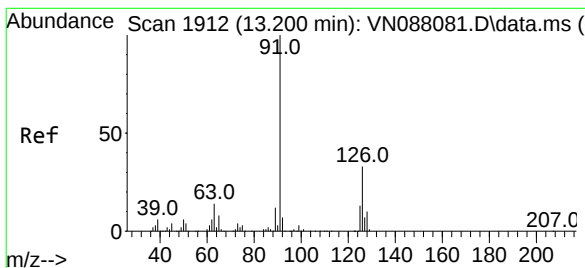
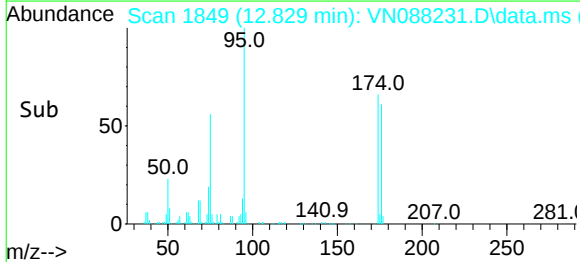
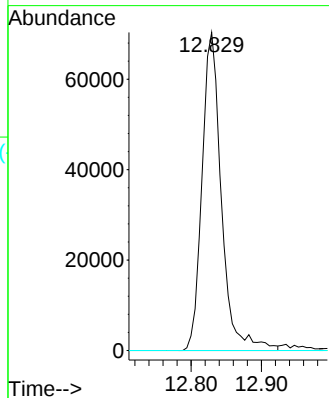
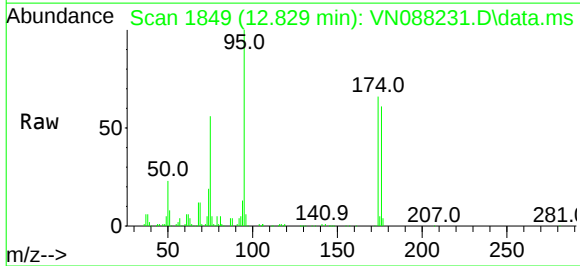




#81
trans-1,4-Dichloro-2-butene
Concen: 75.321 ug/l
RT: 12.829 min Scan# 18
Delta R.T. 0.112 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

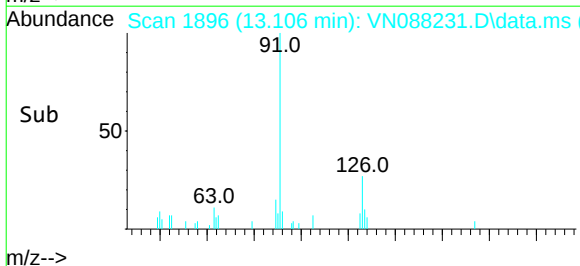
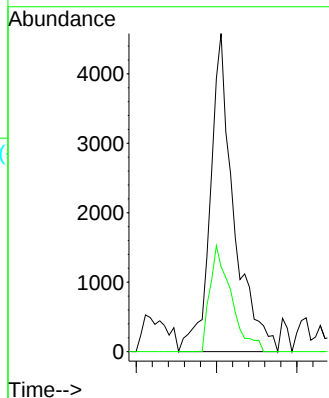
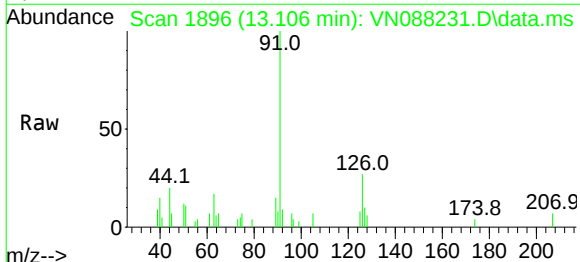
Instrument :
MSVOA_N
ClientSampleId :
SY-12D

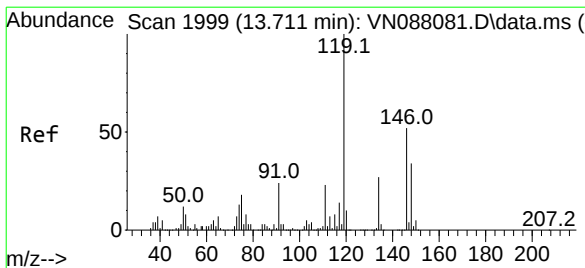
Tgt Ion: 75 Resp: 134716
Ion Ratio Lower Upper
75 100
53 0.0 101.8 152.6#
89 0.0 35.6 53.4#



#82
4-Chlorotoluene
Concen: 0.732 ug/l
RT: 13.106 min Scan# 1896
Delta R.T. -0.094 min
Lab File: VN088231.D
Acq: 07 Nov 2025 14:12

Tgt Ion: 91 Resp: 9279
Ion Ratio Lower Upper
91 100
126 30.4 15.6 46.8





#87

1,3-Dichlorobenzene

Concen: 1.818 ug/l

RT: 13.711 min Scan# 19

Delta R.T. -0.000 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

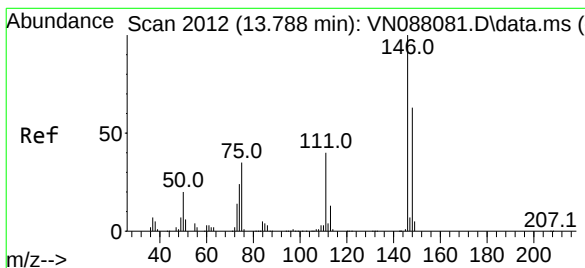
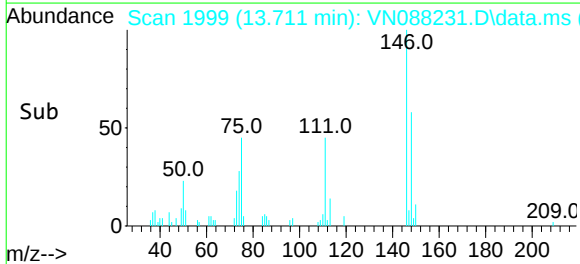
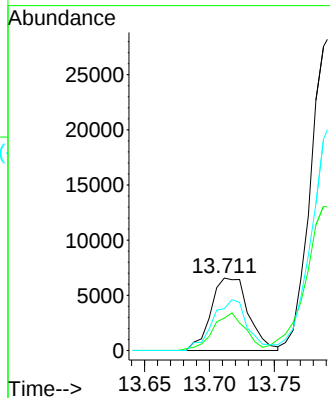
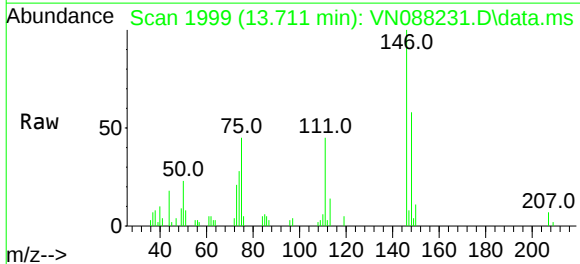
Instrument :

MSVOA_N

ClientSampleId :

SY-12D

Tgt Ion:	146	Resp:	13171
Ion	Ratio	Lower	Upper
146	100		
111	44.7	22.1	66.5
148	65.0	32.0	96.2



#88

1,4-Dichlorobenzene

Concen: 6.808 ug/l

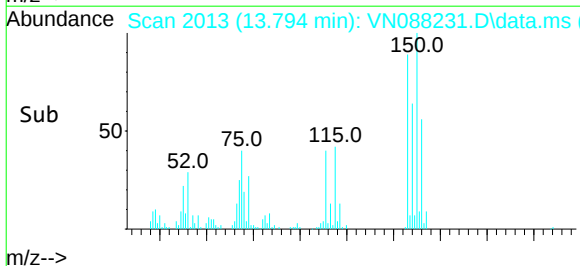
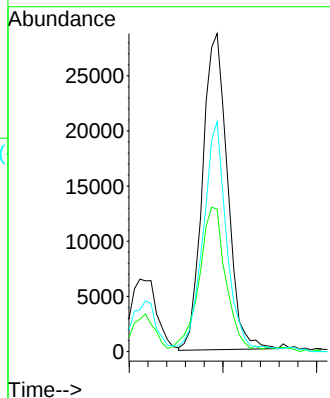
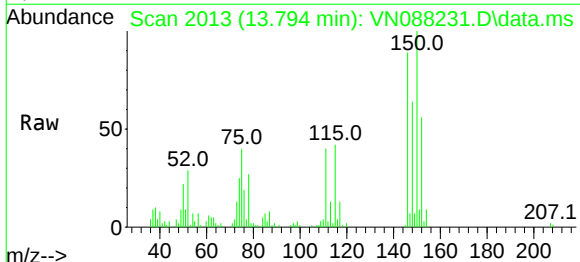
RT: 13.794 min Scan# 2013

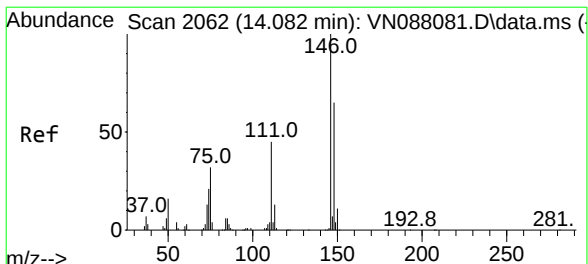
Delta R.T. 0.006 min

Lab File: VN088231.D

Acq: 07 Nov 2025 14:12

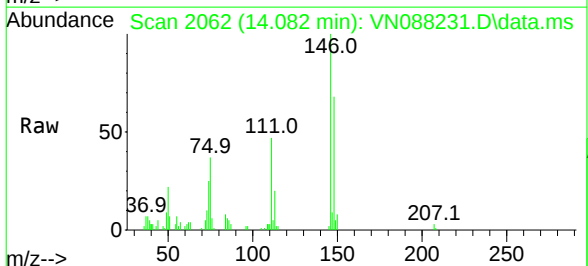
Tgt Ion:	146	Resp:	52982
Ion	Ratio	Lower	Upper
146	100		
111	47.5	21.0	63.0
148	67.1	32.0	96.0





#91
 1,2-Dichlorobenzene
 Concen: 4.834 ug/l
 RT: 14.082 min Scan# 2062
 Delta R.T. -0.000 min
 Lab File: VN088231.D
 Acq: 07 Nov 2025 14:12

Instrument : MSVOA_N
 ClientSampleId : SY-12D



Tgt Ion:	146	Resp:	33763
Ion Ratio	Lower	Upper	
146	100		
111	46.4	22.6	67.8
148	62.0	31.9	95.9

