

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\DATA\VV062725\
 Data File : VV038829.D
 Acq On : 27 Jun 2025 12:11
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.0mL/MSVOA_V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Quant Time: Jun 28 04:02:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\82V062725W.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 28 03:44:11 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	4.600	168	490365	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	5.532	114	898960	50.000	ug/l	0.00
63) Chlorobenzene-d5	8.773	117	820520	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	11.172	152	380720	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	4.941	65	342899	54.318	ug/l	0.00
Spiked Amount 50.000			Recovery	=	108.640%	
35) Dibromofluoromethane	4.503	113	283637	48.630	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.260%	
50) Toluene-d8	7.236	98	872306	43.772	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.540%	
62) 4-Bromofluorobenzene	10.001	95	309488	42.187	ug/l	0.00
Spiked Amount 50.000			Recovery	=	84.380%	
Target Compounds						
						Qvalue
3) Chloromethane	1.233	50	4543	0.753	ug/l #	75
4) Vinyl Chloride	1.298	62	1414	0.220	ug/l #	61
5) Bromomethane	1.503	94	3000	Below Cal	#	69
8) Diethyl Ether	1.925	74	992	0.271	ug/l	57
10) Methyl Iodide	2.275	142	126	4.300	ug/l	90
11) Tert butyl alcohol	2.584	59	1553	1.443	ug/l	96
12) 1,1-Dichloroethene	2.082	96	1147	Below Cal		86
13) Acrolein	2.018	56	1398	3.439	ug/l	99
16) Acetone	2.124	43	5323	1.875	ug/l	94
17) Carbon Disulfide	2.253	76	16330	Below Cal	#	95
20) Methylene Chloride	2.462	84	3618	0.548	ug/l	94
21) trans-1,2-Dichloroethene	2.712	96	2422	0.421	ug/l #	85
31) Cyclohexane	4.597	56	11868	1.345	ug/l #	1
36) 1,1-Dichloropropene	4.600	75	43194	5.055	ug/l #	49
38) Carbon Tetrachloride	4.600	117	52428	5.765	ug/l #	16
41) Methacrylonitrile	4.175	41	94	2.406	ug/l #	1
49) 1,4-Dioxane	6.281	88	65	0.611	ug/l #	73
58) 2-Chloroethyl Vinyl ether	6.828	63	87	8.427	ug/l #	49
64) Tetrachloroethene	7.915	164	1252	0.219	ug/l	93
76) 1,2,3-Trichloropropane	10.001	75	157130	21.471	ug/l #	43
77) Bromobenzene	10.165	156	1479	0.253	ug/l #	38
81) trans-1,4-Dichloro-2-b...	10.001	75	157130	49.721	ug/l #	13
85) sec-Butylbenzene	11.018	105	6379	0.251	ug/l	95
86) p-Isopropyltoluene	11.172	119	5241	0.242	ug/l #	74
87) 1,3-Dichlorobenzene	11.124	146	4020	0.337	ug/l	94
88) 1,4-Dichlorobenzene	11.124	146	4020	0.312	ug/l	95
89) n-Butylbenzene	11.593	91	7349	0.350	ug/l	83
90) Hexachloroethane	11.821	117	1069	0.224	ug/l	94
91) 1,2-Dichlorobenzene	11.587	146	3067	0.266	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	12.368	75	486	0.237	ug/l	54
93) 1,2,4-Trichlorobenzene	13.204	180	4082	0.599	ug/l	100
94) Hexachlorobutadiene	13.371	225	2363	0.713	ug/l	92
95) Naphthalene	13.442	128	9863	3.846	ug/l #	93
96) 1,2,3-Trichlorobenzene	13.677	180	3821	0.546	ug/l	96

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Quant Title : SW846 8260
QLast Update : Sat Jun 28 03:44:11 2025
Response via : Initial Calibration

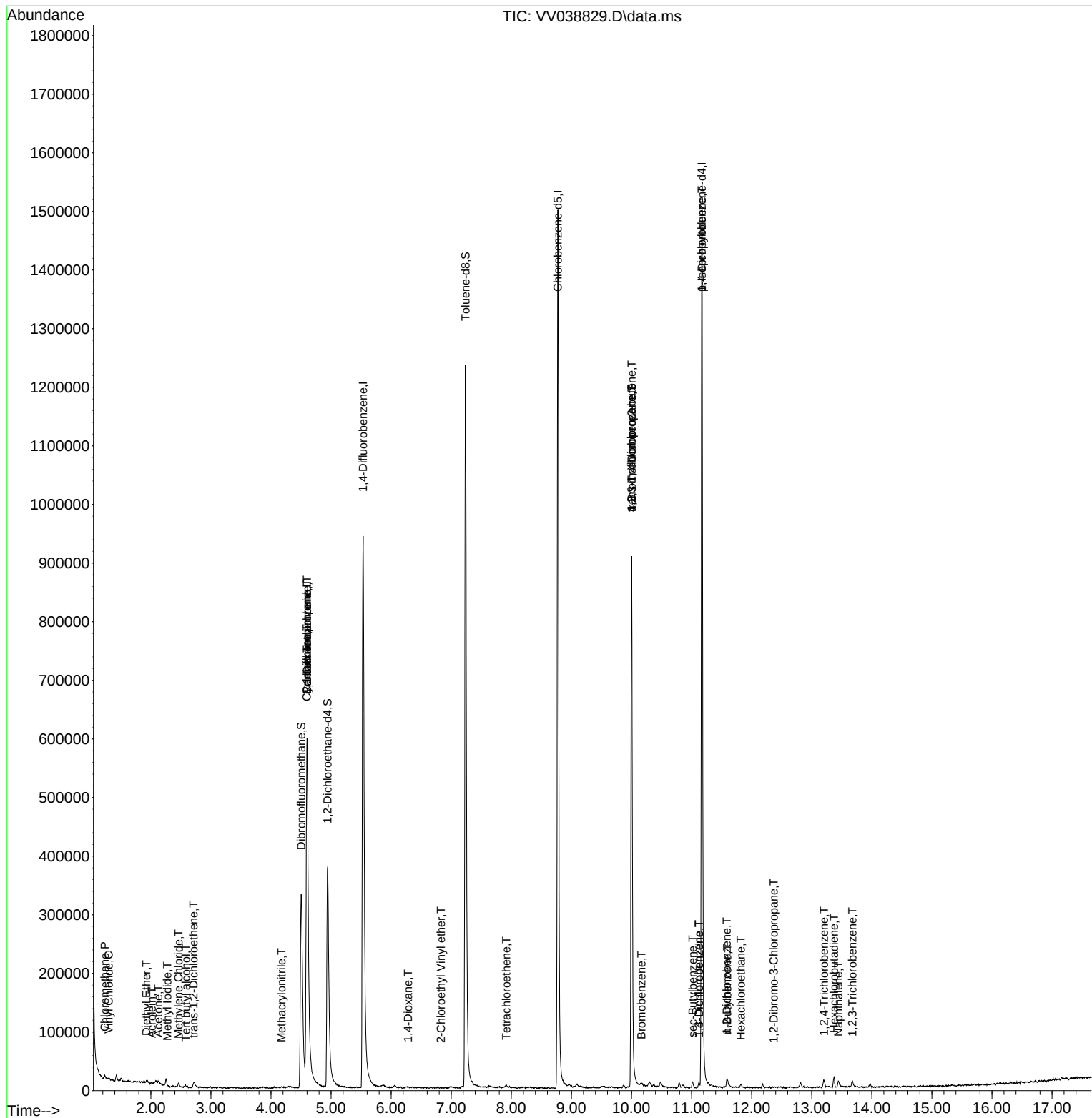
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

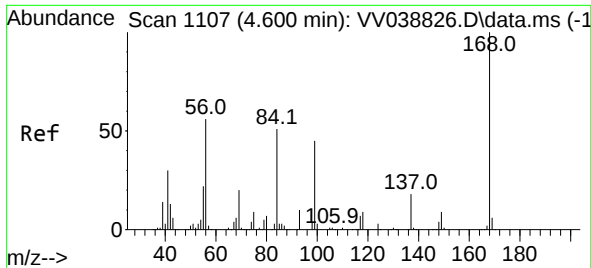
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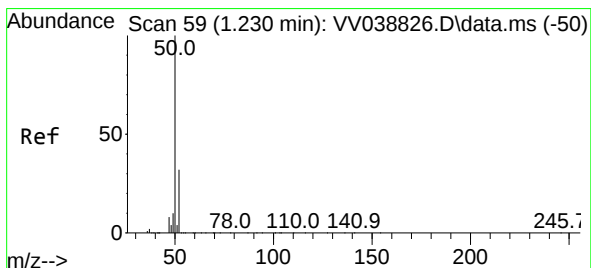
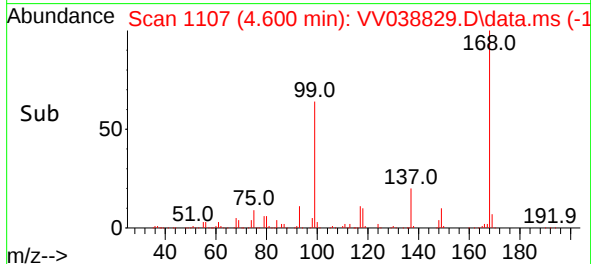
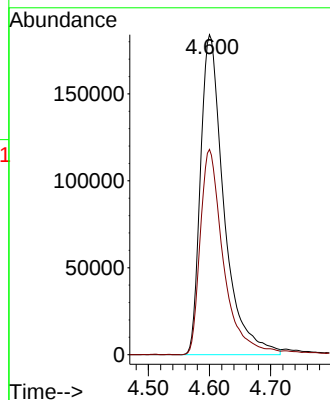
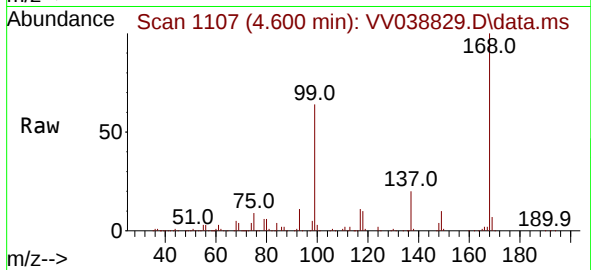




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 4.600 min Scan# 11
Delta R.T. -0.000 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

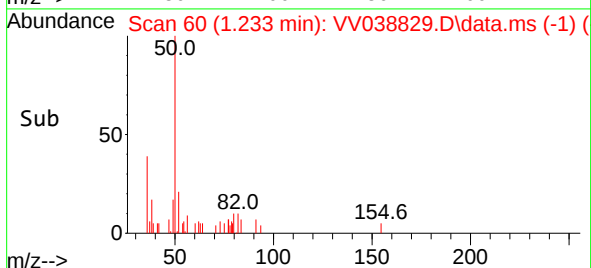
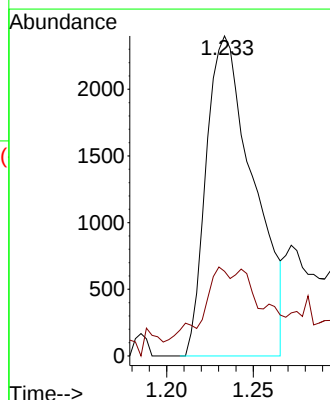
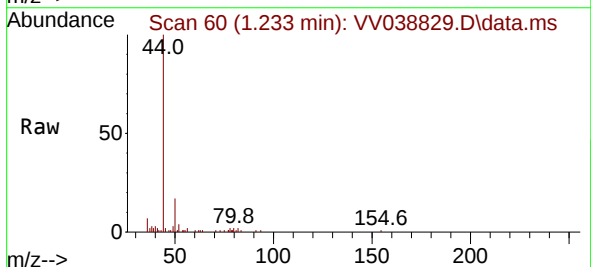
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

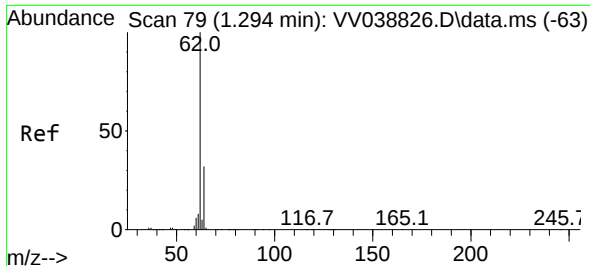
Tgt Ion:168 Resp: 490365
Ion Ratio Lower Upper
168 100
99 64.2 49.0 73.6



#3
Chloromethane
Concen: 0.753 ug/l
RT: 1.233 min Scan# 60
Delta R.T. 0.003 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 50 Resp: 4543
Ion Ratio Lower Upper
50 100
52 18.4 25.8 38.6#

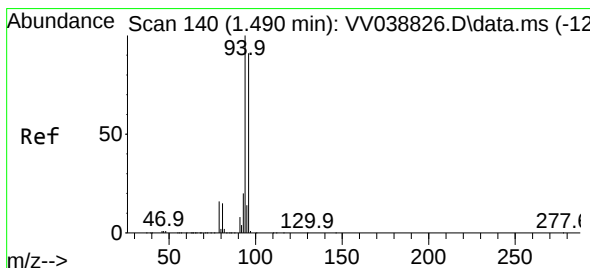
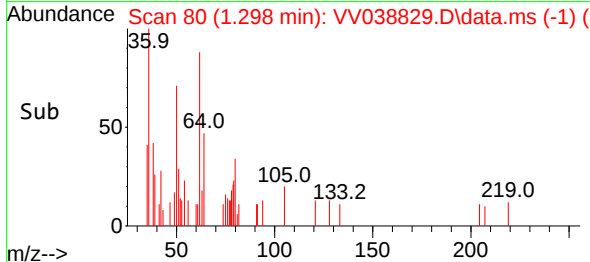
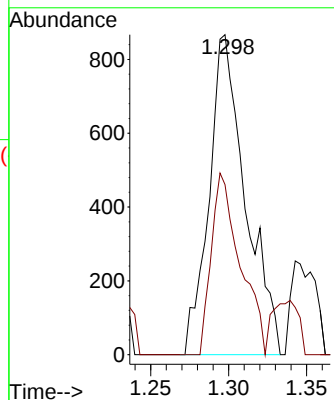
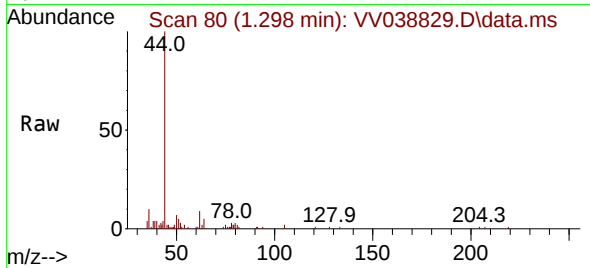




#4
 Vinyl Chloride
 Concen: 0.220 ug/l
 RT: 1.298 min Scan# 80
 Delta R.T. 0.003 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

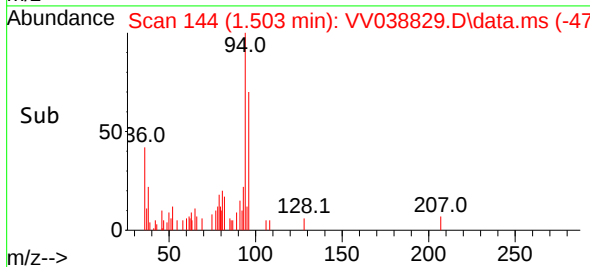
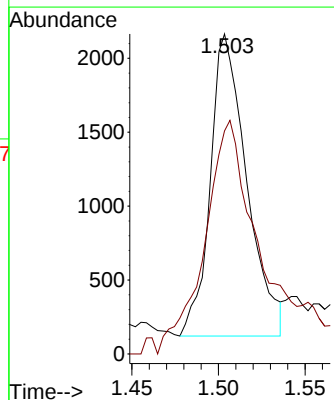
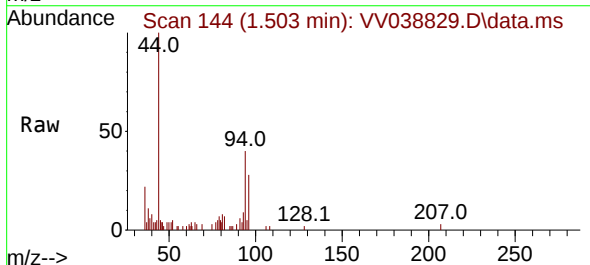
Instrument :
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 ClientSampleId :
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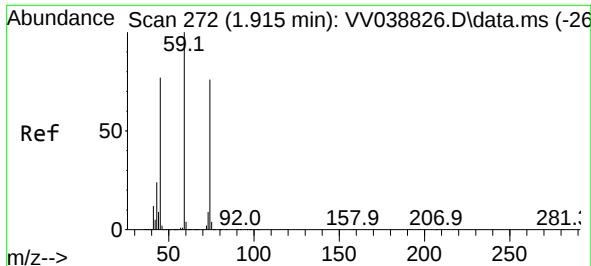
Tgt Ion: 62 Resp: 1414
 Ion Ratio Lower Upper
 62 100
 64 53.2 25.3 37.9#



#5
 Bromomethane
 Concen: Below Cal
 RT: 1.503 min Scan# 144
 Delta R.T. 0.013 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

Tgt Ion: 94 Resp: 3000
 Ion Ratio Lower Upper
 94 100
 96 61.9 72.9 109.3#

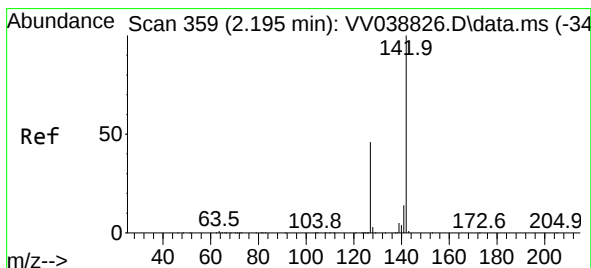
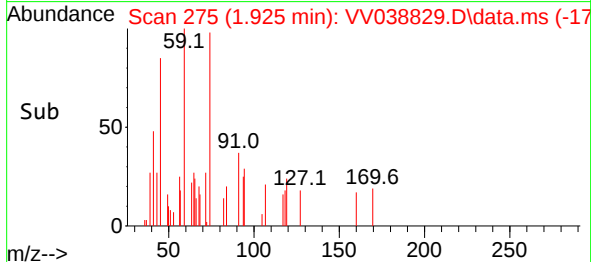
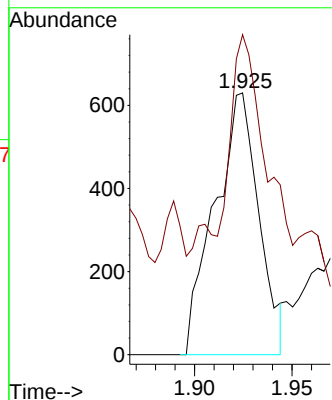
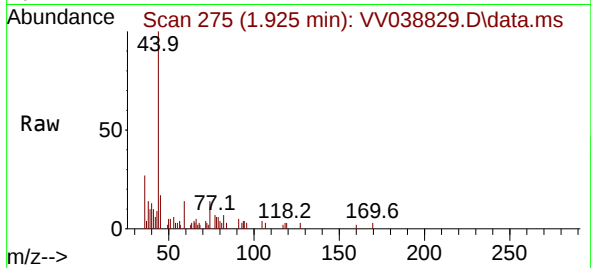




#8
Diethyl Ether
Concen: 0.271 ug/l
RT: 1.925 min Scan# 21
Delta R.T. 0.010 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

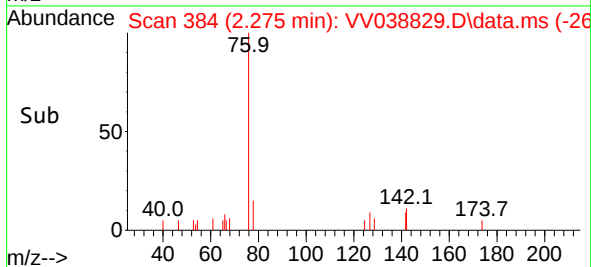
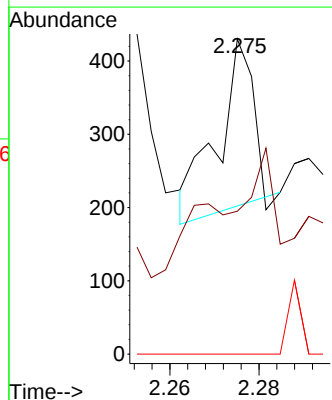
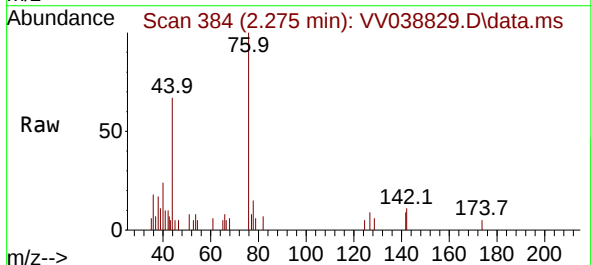
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

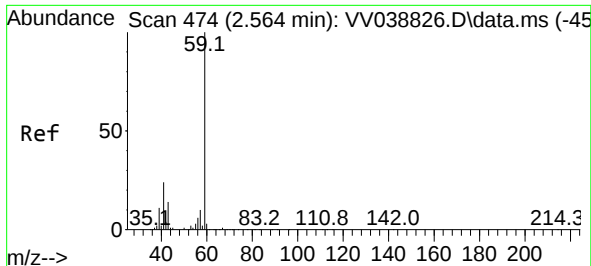
Tgt Ion: 74 Resp: 992
Ion Ratio Lower Upper
74 100
45 57.8 50.2 150.6



#10
Methyl Iodide
Concen: 4.300 ug/l
RT: 2.275 min Scan# 384
Delta R.T. 0.080 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 142 Resp: 126
Ion Ratio Lower Upper
142 100
127 54.0 36.4 54.6
141 15.1 11.9 17.9

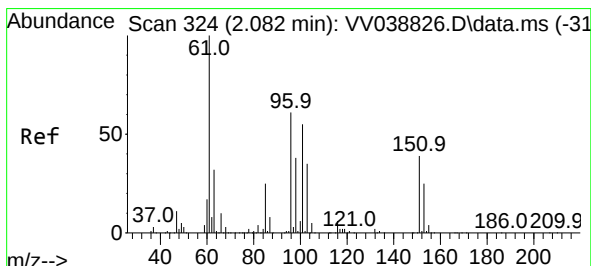
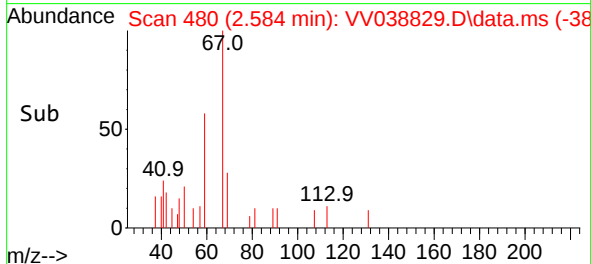
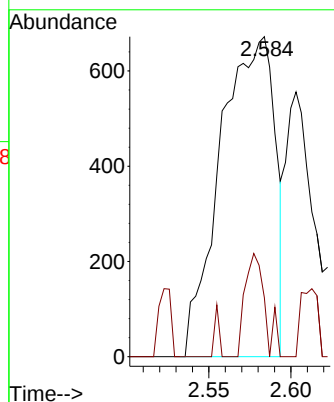
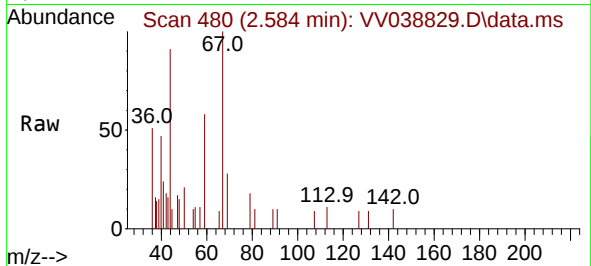




#11
Tert butyl alcohol
Concen: 1.443 ug/l
RT: 2.584 min Scan# 411
Delta R.T. 0.019 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

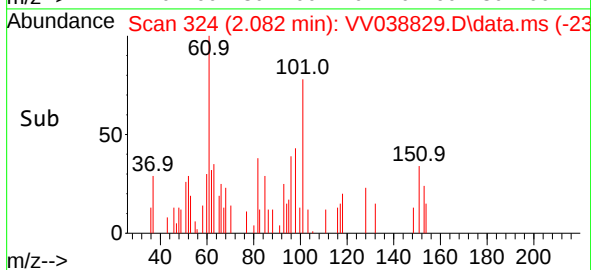
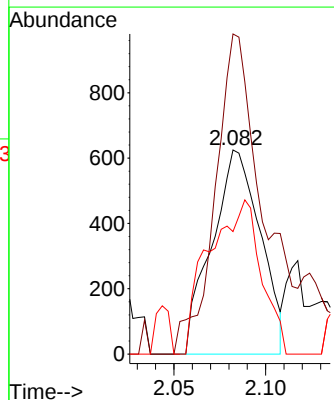
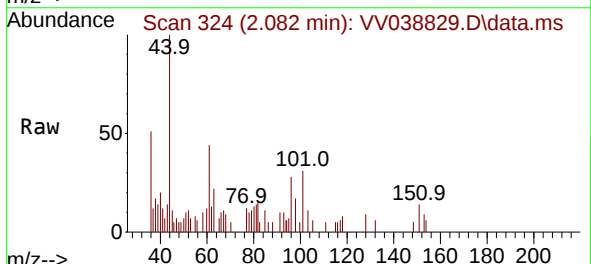
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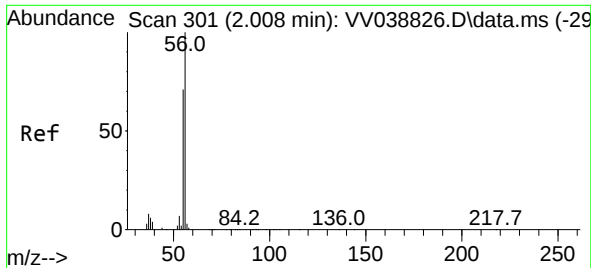
Tgt Ion: 59 Resp: 1553
Ion Ratio Lower Upper
59 100
57 11.7 8.1 12.1



#12
1,1-Dichloroethene
Concen: Below Cal
RT: 2.082 min Scan# 324
Delta R.T. 0.000 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 96 Resp: 1147
Ion Ratio Lower Upper
96 100
61 140.8 131.5 197.3
98 60.0 50.0 75.0

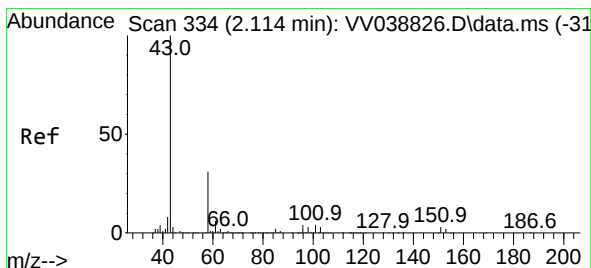
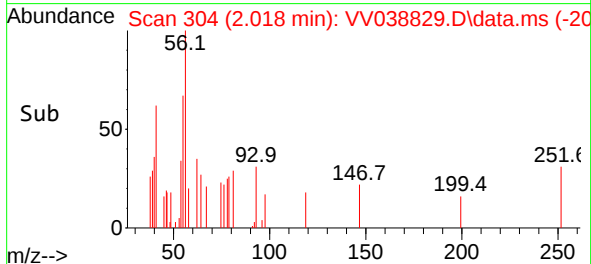
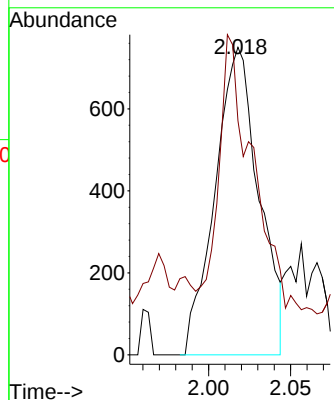
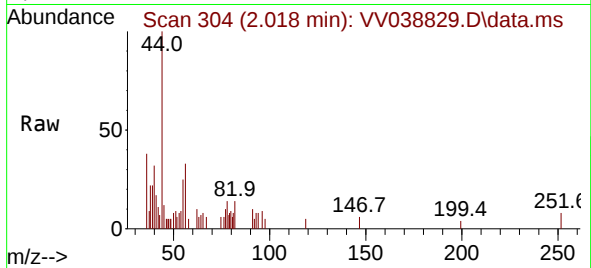




#13
Acrolein
Concen: 3.439 ug/l
RT: 2.018 min Scan# 301
Delta R.T. 0.010 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

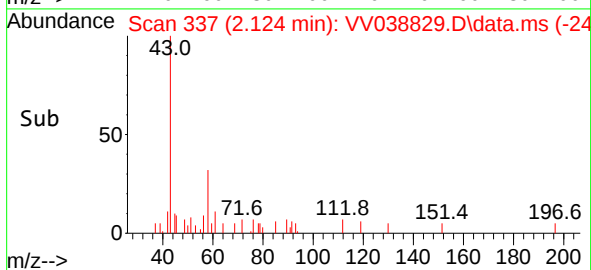
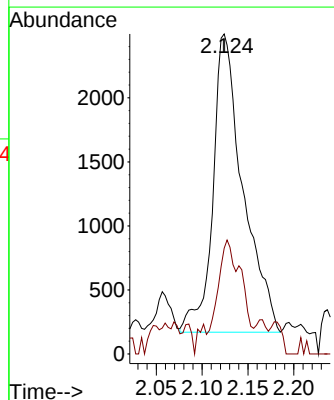
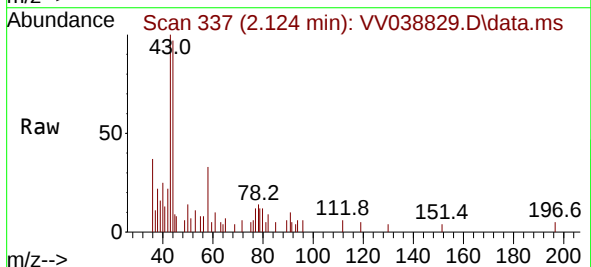
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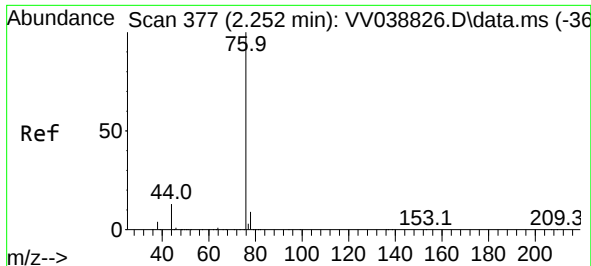
Tgt Ion: 56 Resp: 1398
Ion Ratio Lower Upper
56 100
55 70.7 56.0 84.0



#16
Acetone
Concen: 1.875 ug/l
RT: 2.124 min Scan# 337
Delta R.T. 0.010 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 43 Resp: 5323
Ion Ratio Lower Upper
43 100
58 28.7 25.7 38.5

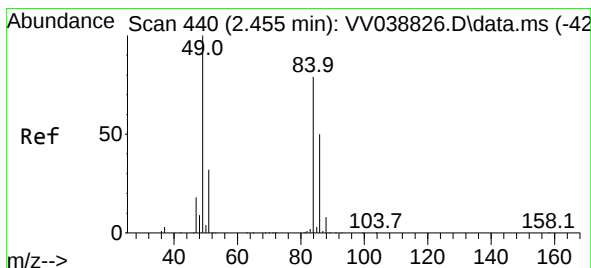
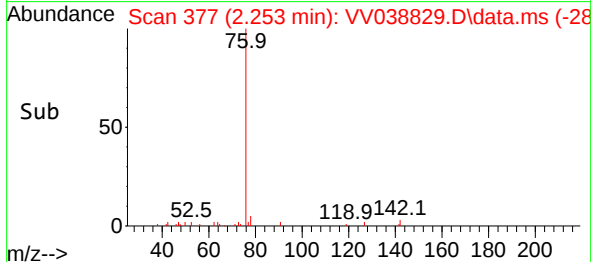
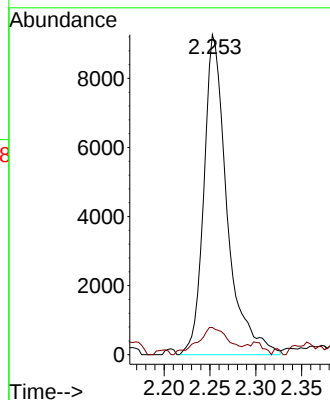
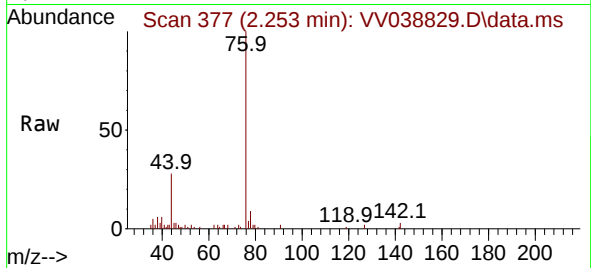




#17
Carbon Disulfide
Concen: Below Cal
RT: 2.253 min Scan# 31
Delta R.T. 0.001 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

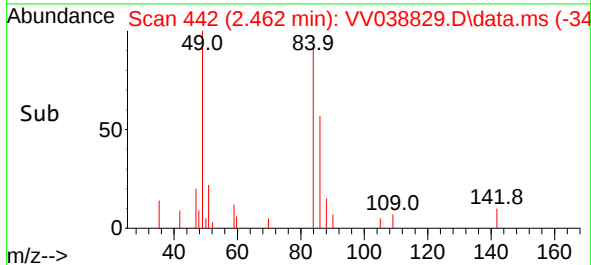
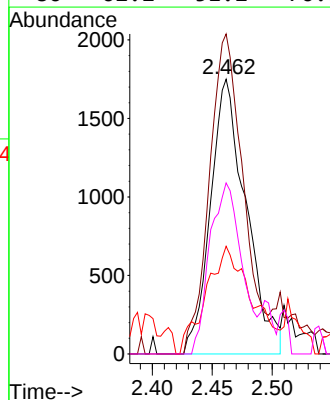
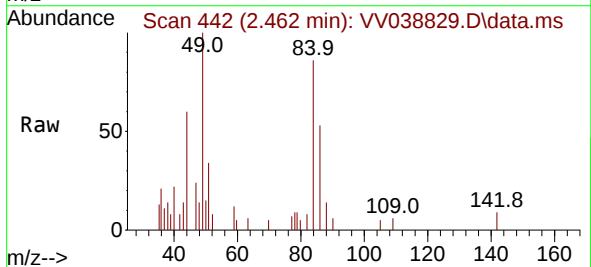
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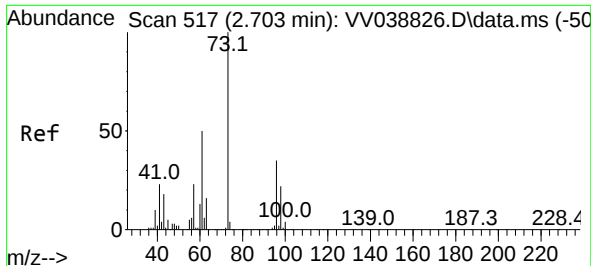
Tgt Ion: 76 Resp: 16330
Ion Ratio Lower Upper
76 100
78 7.1 7.1 10.7#



#20
Methylene Chloride
Concen: 0.548 ug/l
RT: 2.462 min Scan# 442
Delta R.T. 0.007 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 84 Resp: 3618
Ion Ratio Lower Upper
84 100
49 116.5 101.4 152.2
51 39.2 32.3 48.5
86 62.2 51.2 76.8

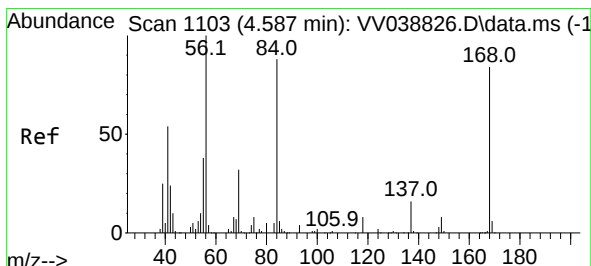
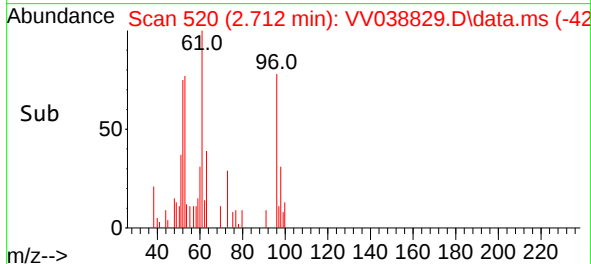
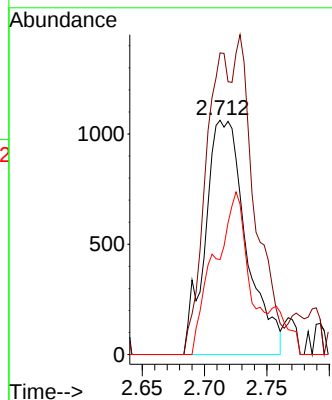
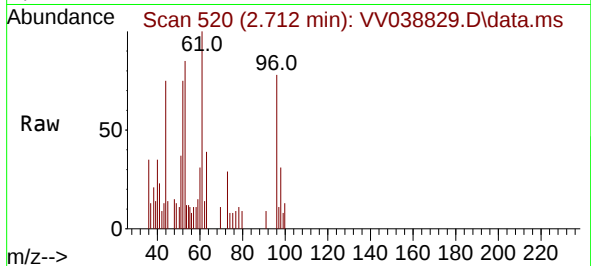




#21
trans-1,2-Dichloroethene
Concen: 0.421 ug/l
RT: 2.712 min Scan# 51
Delta R.T. 0.010 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

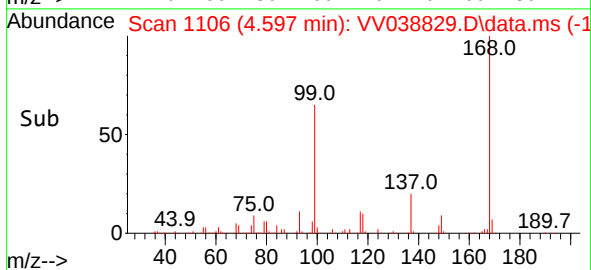
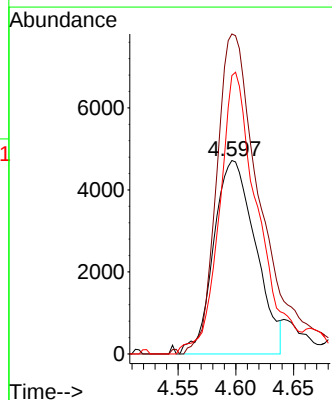
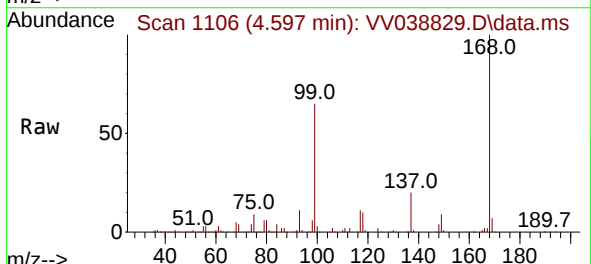
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

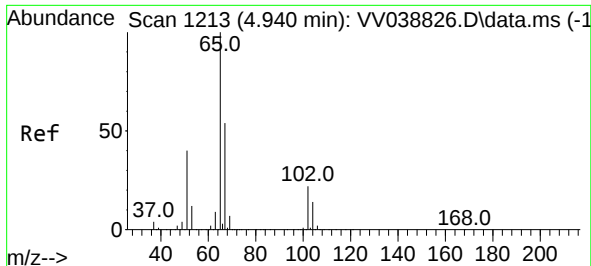
Tgt Ion: 96 Resp: 2422
Ion Ratio Lower Upper
96 100
61 128.7 112.6 169.0
98 40.5 49.6 74.4#



#31
Cyclohexane
Concen: 1.345 ug/l
RT: 4.597 min Scan# 1106
Delta R.T. 0.010 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 56 Resp: 11868
Ion Ratio Lower Upper
56 100
69 165.4 25.4 38.0#
84 140.8 70.2 105.4#





#33

1,2-Dichloroethane-d4

Concen: 54.318 ug/l

RT: 4.941 min Scan# 1213

Delta R.T. 0.000 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

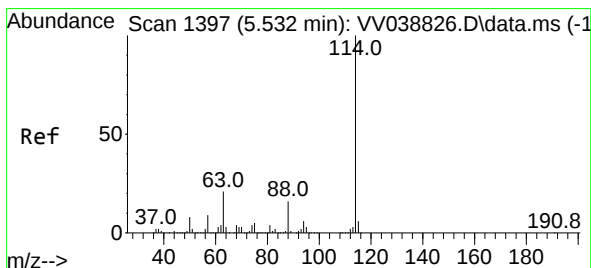
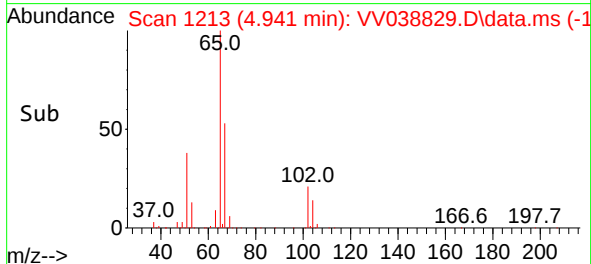
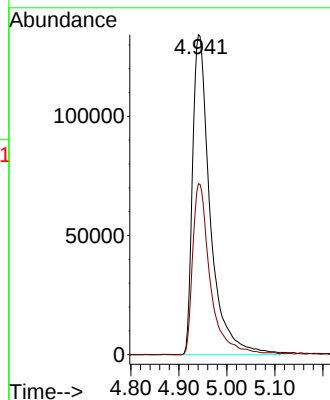
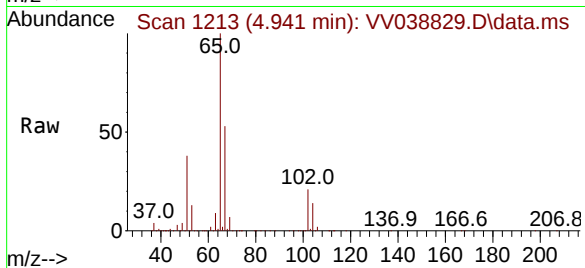
VIBLK

Tgt Ion: 65 Resp: 342899

Ion Ratio Lower Upper

65 100

67 53.2 0.0 110.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 5.532 min Scan# 1397

Delta R.T. 0.000 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

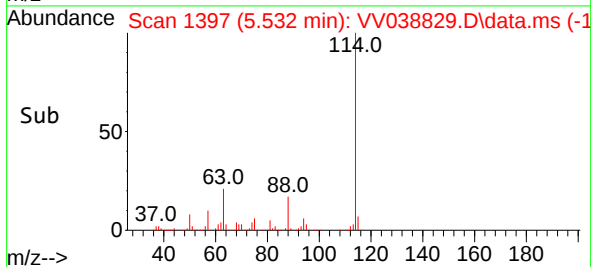
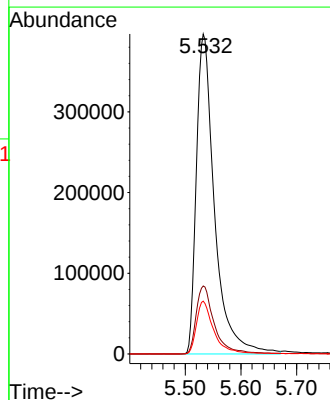
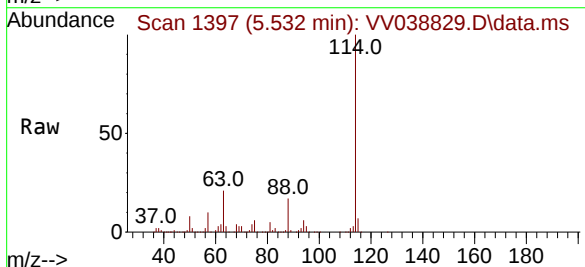
Tgt Ion: 114 Resp: 898960

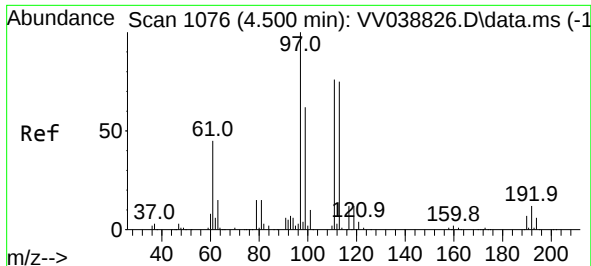
Ion Ratio Lower Upper

114 100

63 21.2 0.0 42.6

88 16.5 0.0 31.0



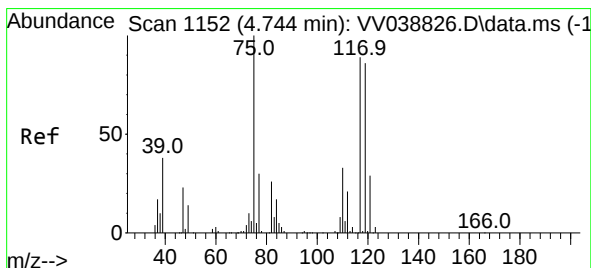
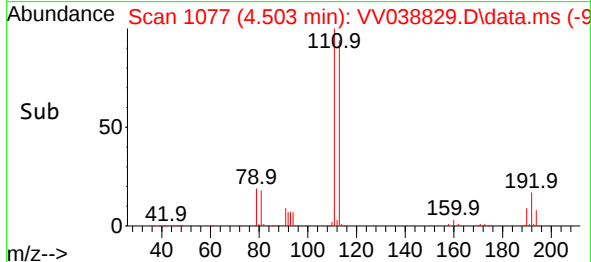
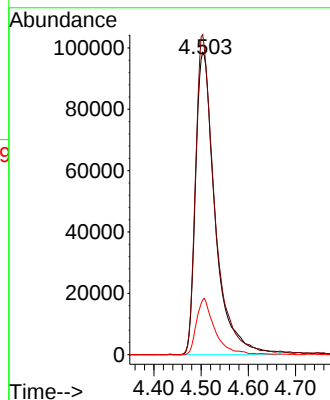
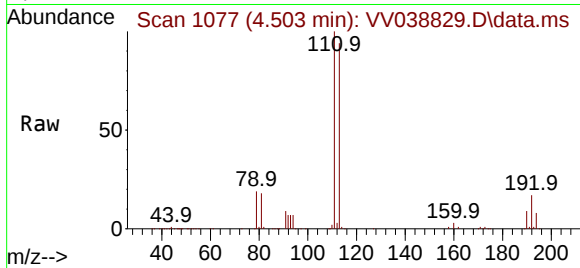


#35
 Dibromofluoromethane
 Concen: 48.630 ug/l
 RT: 4.503 min Scan# 1107
 Delta R.T. 0.003 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

Tgt Ion:113 Resp: 283637

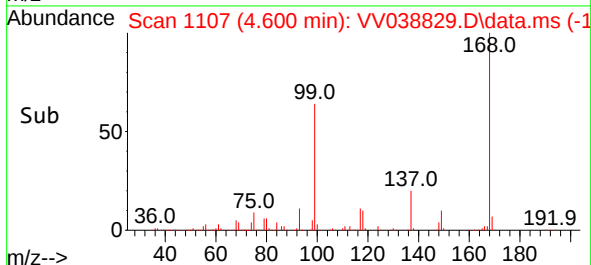
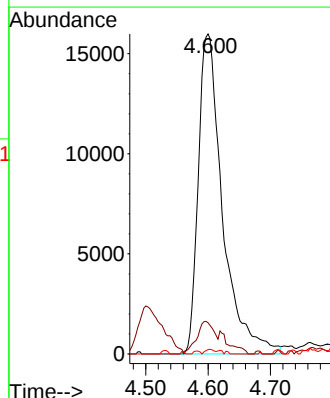
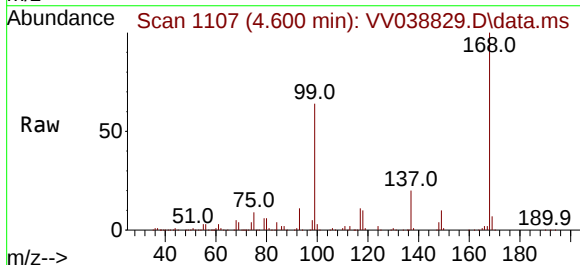
Ion	Ratio	Lower	Upper
113	100		
111	103.1	83.0	124.4
192	17.2	13.7	20.5

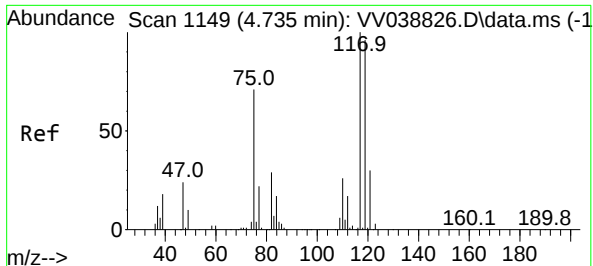


#36
 1,1-Dichloropropene
 Concen: 5.055 ug/l
 RT: 4.600 min Scan# 1107
 Delta R.T. -0.145 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

Tgt Ion: 75 Resp: 43194

Ion	Ratio	Lower	Upper
75	100		
110	7.3	17.4	52.3#
77	0.5	24.4	36.6#

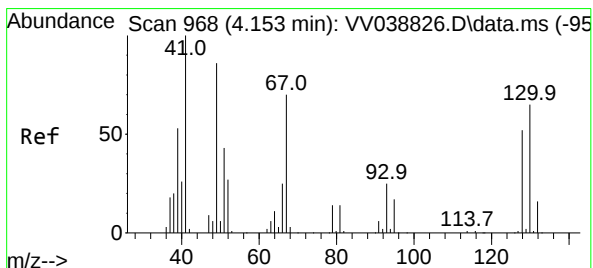
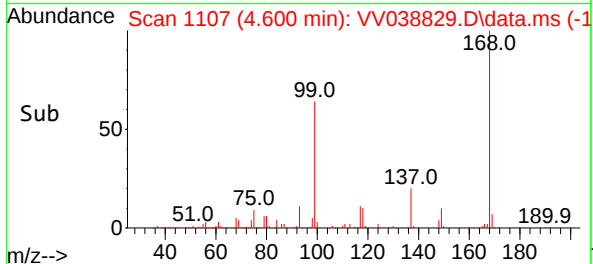
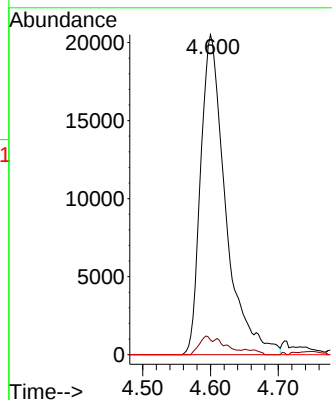
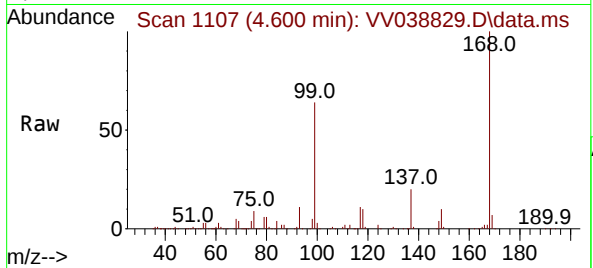




#38
Carbon Tetrachloride
Concen: 5.765 ug/l
RT: 4.600 min Scan# 1149
Delta R.T. -0.135 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

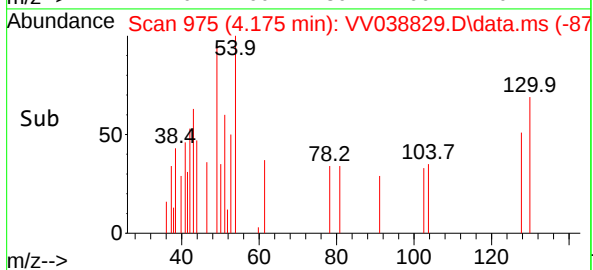
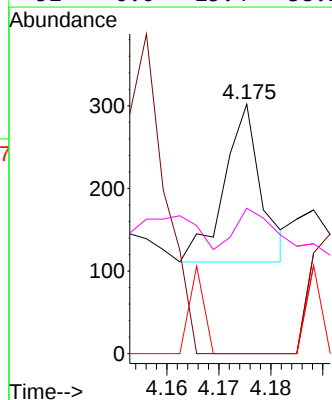
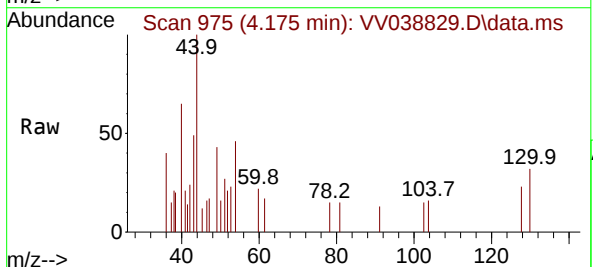
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

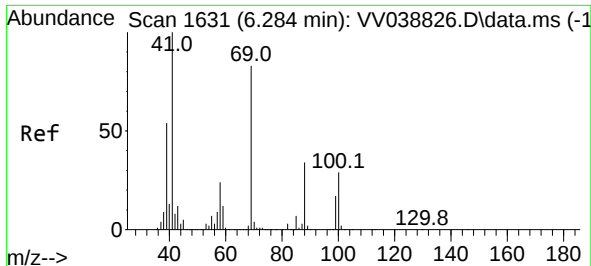
Tgt Ion:117 Resp: 52428
Ion Ratio Lower Upper
117 100
119 4.6 76.4 114.6#
121 0.0 24.0 36.0#



#41
Methacrylonitrile
Concen: 2.406 ug/l
RT: 4.175 min Scan# 975
Delta R.T. 0.022 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 41 Resp: 94
Ion Ratio Lower Upper
41 100
39 343.6 42.2 63.2#
67 21.3 68.2 102.4#
52 0.0 25.4 38.2#





#49

1,4-Dioxane

Concen: 0.611 ug/l

RT: 6.281 min Scan# 1

Delta R.T. -0.003 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

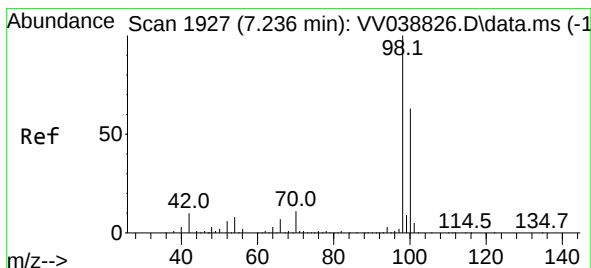
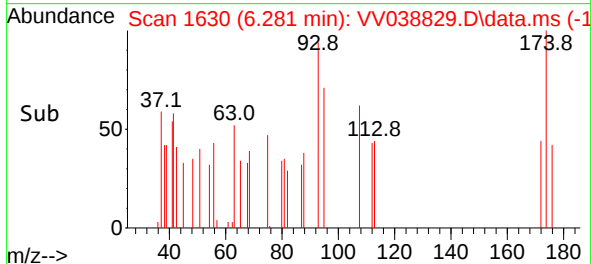
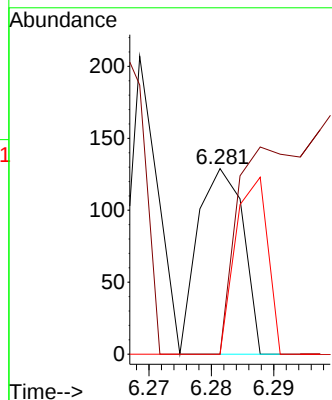
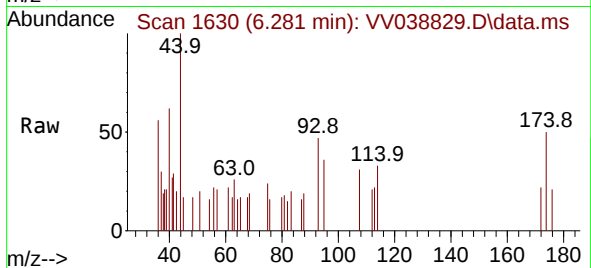
Tgt Ion: 88 Resp: 65

Ion Ratio Lower Upper

88 100

43 0.0 30.4 45.6#

58 67.7 59.6 89.4



#50

Toluene-d8

Concen: 43.772 ug/l

RT: 7.236 min Scan# 1927

Delta R.T. 0.000 min

Lab File: VV038829.D

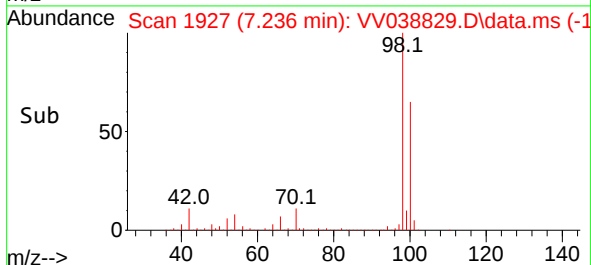
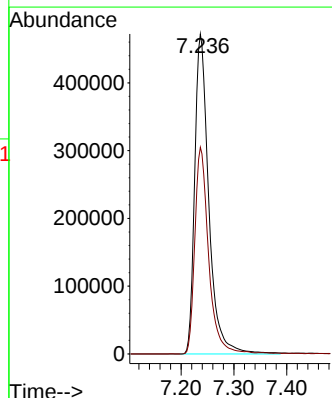
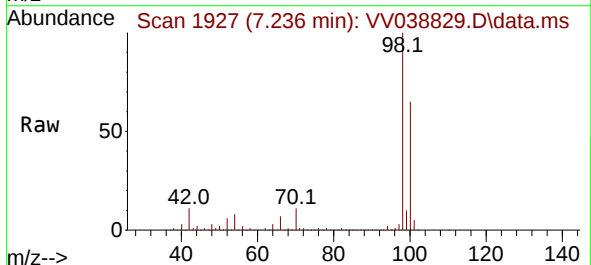
Acq: 27 Jun 2025 12:11

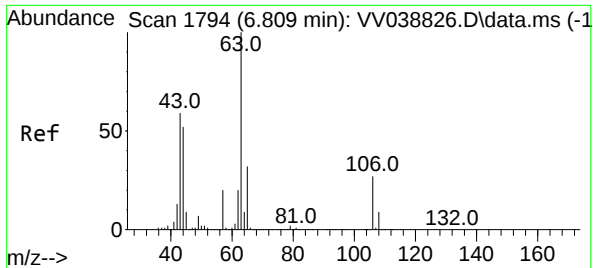
Tgt Ion: 98 Resp: 872306

Ion Ratio Lower Upper

98 100

100 63.3 51.7 77.5

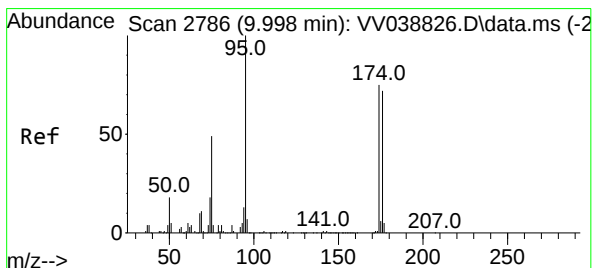
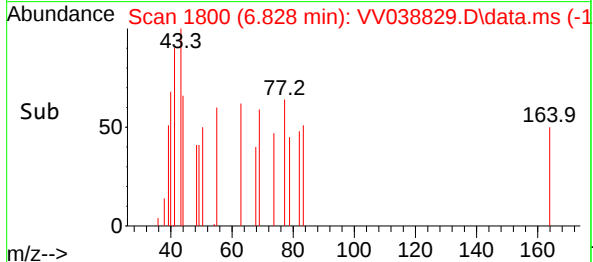
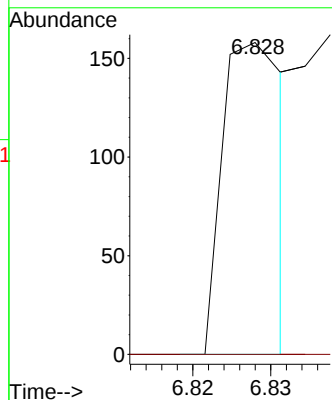
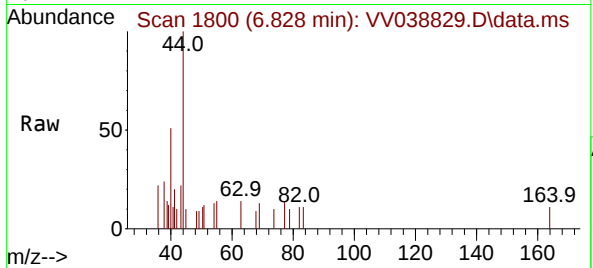




#58
 2-Chloroethyl Vinyl ether
 Concen: 8.427 ug/l
 RT: 6.828 min Scan# 11
 Delta R.T. 0.019 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

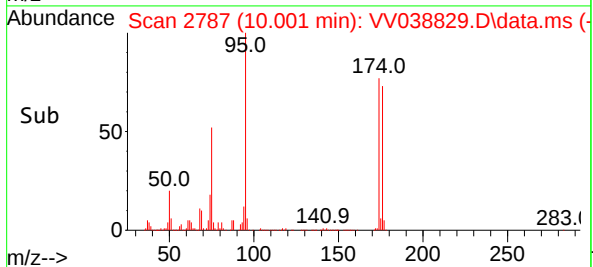
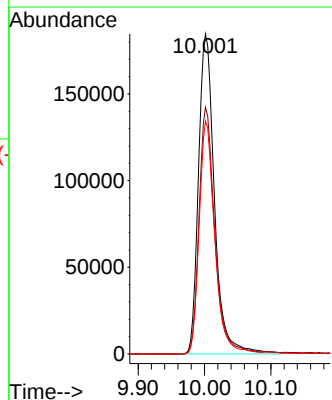
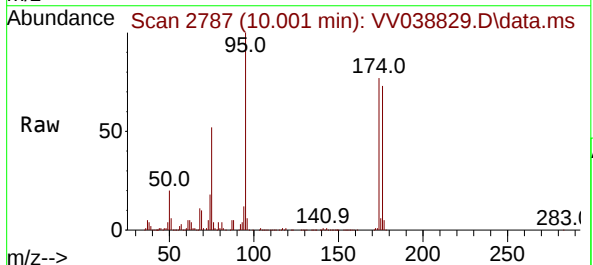
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

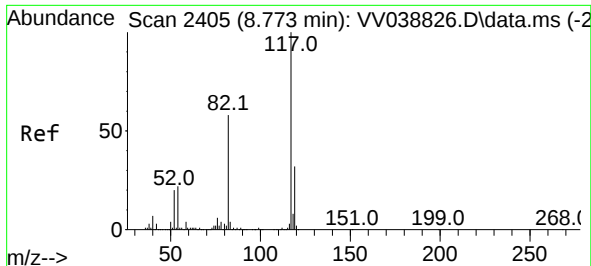
Tgt Ion: 63 Resp: 87
 Ion Ratio Lower Upper
 63 100
 106 0.0 21.1 31.7#



#62
 4-Bromofluorobenzene
 Concen: 42.187 ug/l
 RT: 10.001 min Scan# 2787
 Delta R.T. 0.003 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

Tgt Ion: 95 Resp: 309488
 Ion Ratio Lower Upper
 95 100
 174 76.2 0.0 151.0
 176 70.7 0.0 145.0

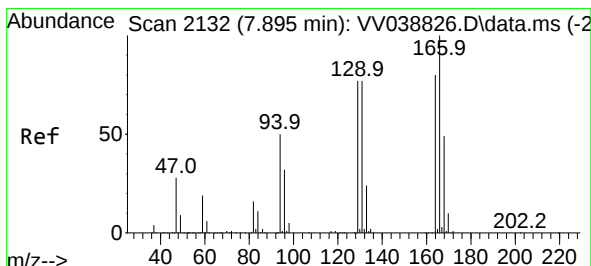
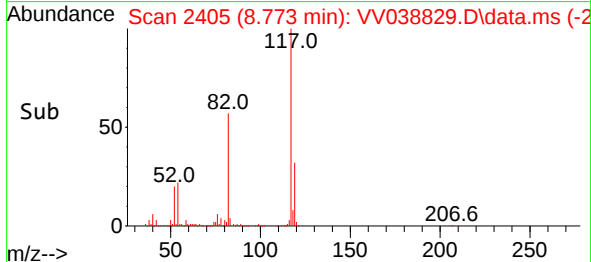
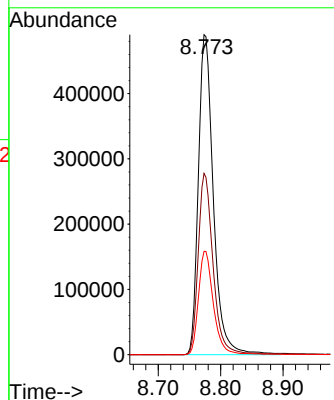
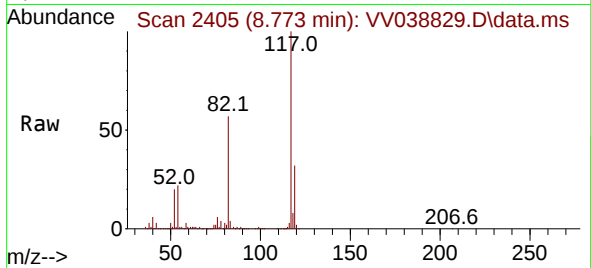




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 8.773 min Scan# 2405
Delta R.T. 0.000 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

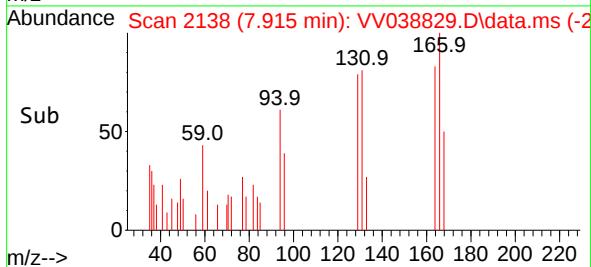
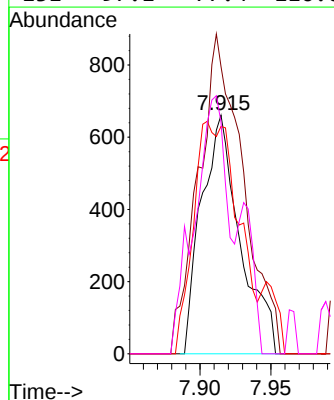
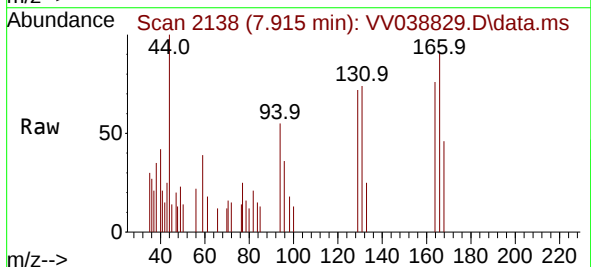
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

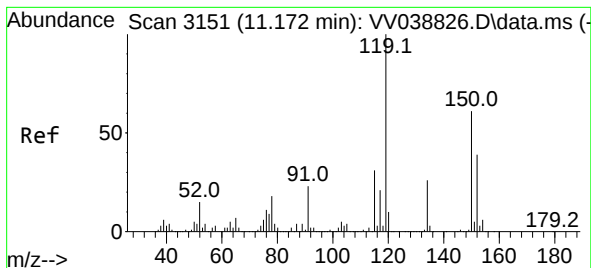
Tgt Ion:117 Resp: 820520
Ion Ratio Lower Upper
117 100
82 56.7 46.2 69.2
119 32.3 25.8 38.8



#64
Tetrachloroethene
Concen: 0.219 ug/l
RT: 7.915 min Scan# 2138
Delta R.T. 0.019 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion:164 Resp: 1252
Ion Ratio Lower Upper
164 100
166 120.4 100.3 150.5
129 79.4 77.5 116.3
131 97.1 77.4 116.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 11.172 min Scan# 3151

Delta R.T. 0.000 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

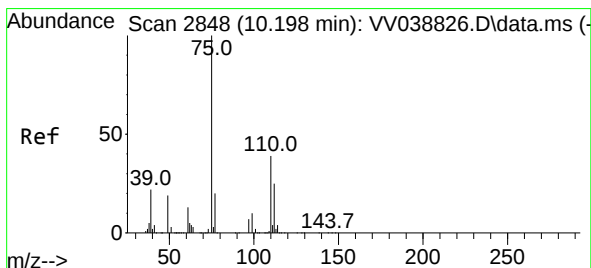
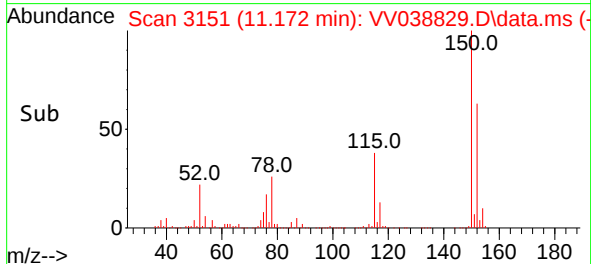
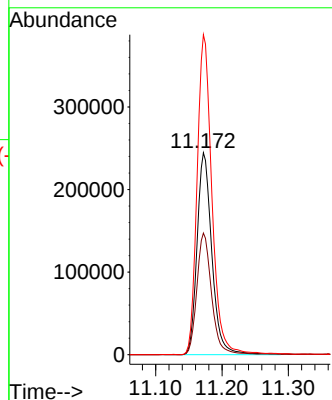
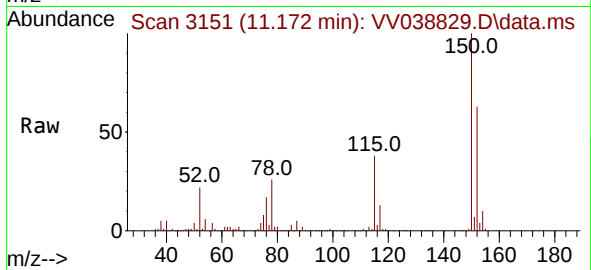
Tgt Ion:152 Resp: 380720

Ion Ratio Lower Upper

152 100

115 59.8 41.3 123.7

150 158.3 0.0 344.6



#76

1,2,3-Trichloropropane

Concen: 21.471 ug/l

RT: 10.001 min Scan# 2787

Delta R.T. -0.196 min

Lab File: VV038829.D

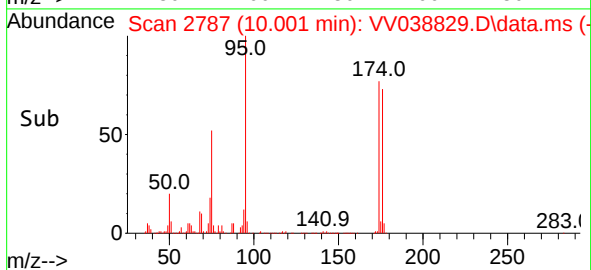
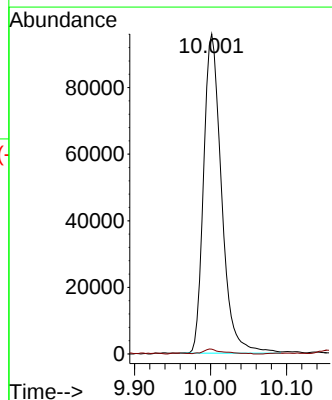
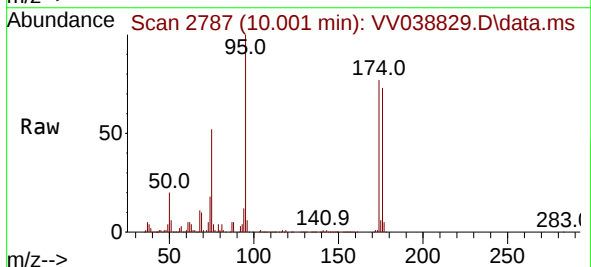
Acq: 27 Jun 2025 12:11

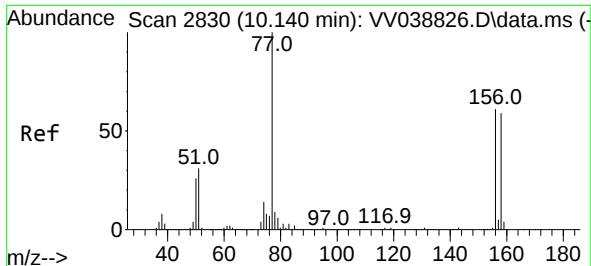
Tgt Ion: 75 Resp: 157130

Ion Ratio Lower Upper

75 100

77 1.7 17.3 52.0#

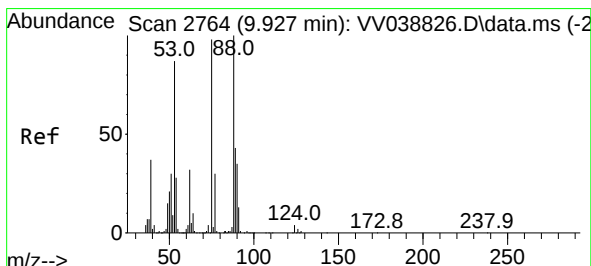
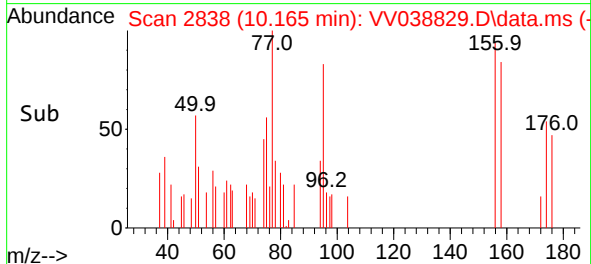
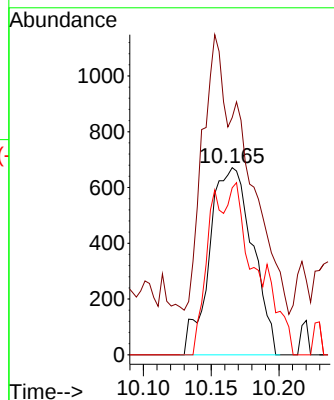
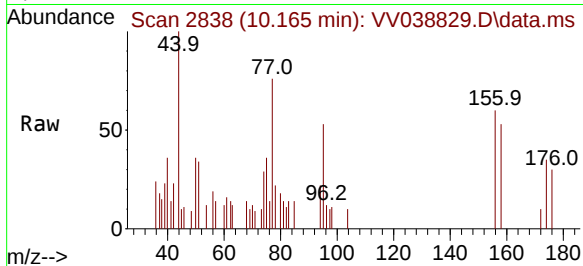




#77
Bromobenzene
Concen: 0.253 ug/l
RT: 10.165 min Scan# 21
Delta R.T. 0.026 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

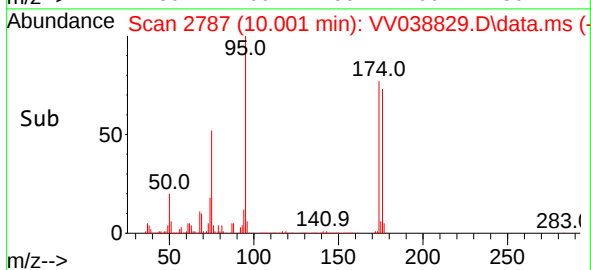
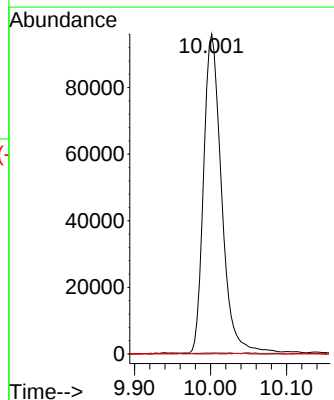
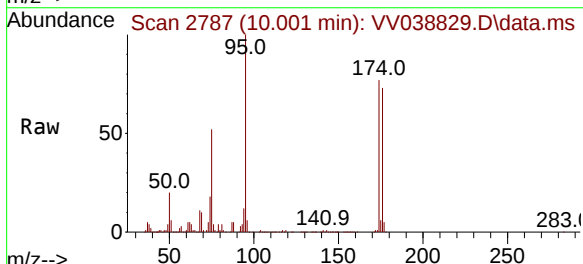
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

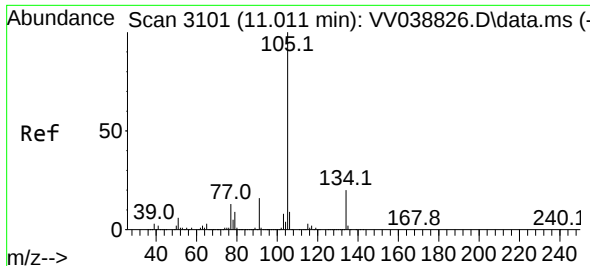
Tgt Ion:156 Resp: 1479
Ion Ratio Lower Upper
156 100
77 78.8 81.5 244.6#
158 36.0 48.0 144.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 49.721 ug/l
RT: 10.001 min Scan# 2787
Delta R.T. 0.074 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion: 75 Resp: 157130
Ion Ratio Lower Upper
75 100
53 0.2 72.6 109.0#
89 0.0 37.0 55.6#

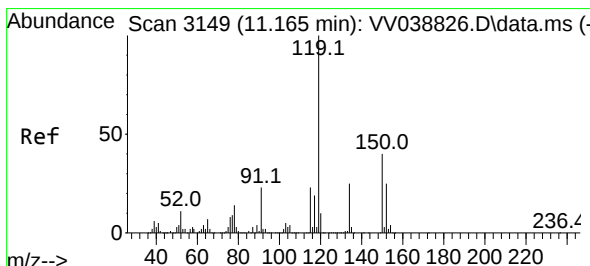
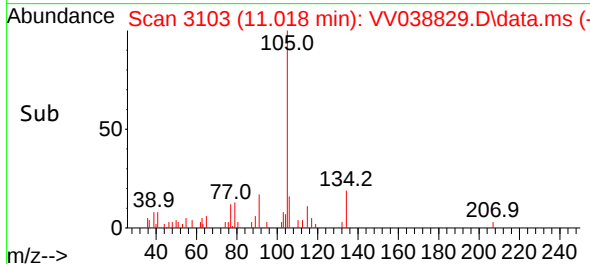
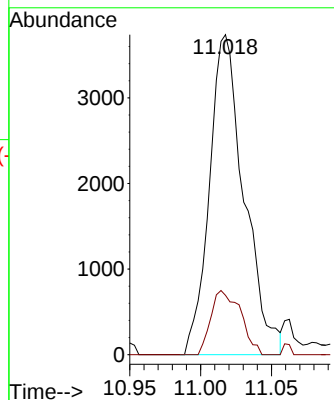
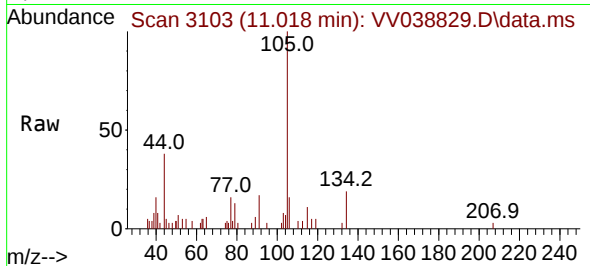




#85
 sec-Butylbenzene
 Concen: 0.251 ug/l
 RT: 11.018 min Scan# 3101
 Delta R.T. 0.007 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

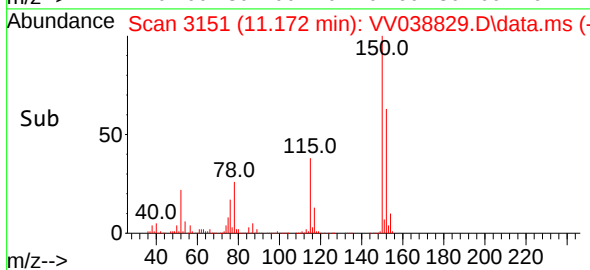
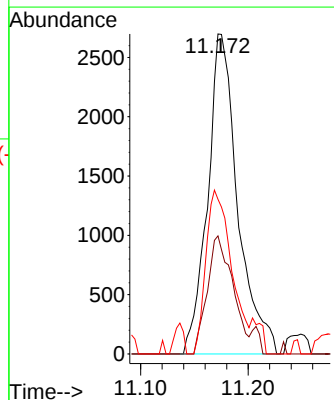
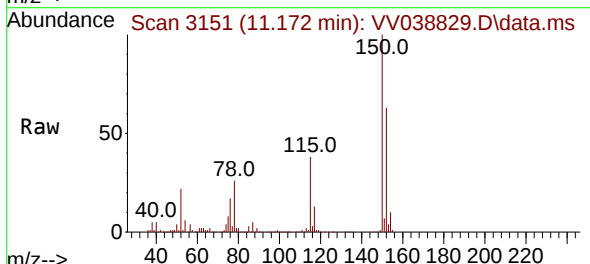
Instrument :
 MSVOA_V
 ClientSampleId :
 VIBLK

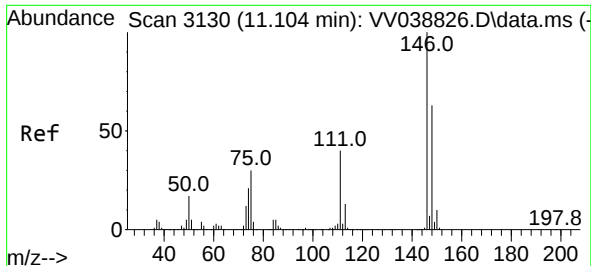
Tgt Ion:105 Resp: 6379
 Ion Ratio Lower Upper
 105 100
 134 17.2 9.8 29.4



#86
 p-Isopropyltoluene
 Concen: 0.242 ug/l
 RT: 11.172 min Scan# 3151
 Delta R.T. 0.007 min
 Lab File: VV038829.D
 Acq: 27 Jun 2025 12:11

Tgt Ion:119 Resp: 5241
 Ion Ratio Lower Upper
 119 100
 134 31.5 12.9 38.6
 91 43.7 11.8 35.3#





#87

1,3-Dichlorobenzene

Concen: 0.337 ug/l

RT: 11.124 min Scan# 3136

Delta R.T. 0.019 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

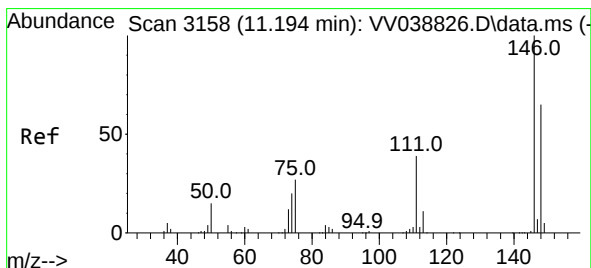
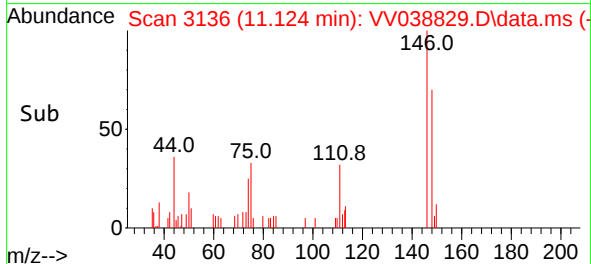
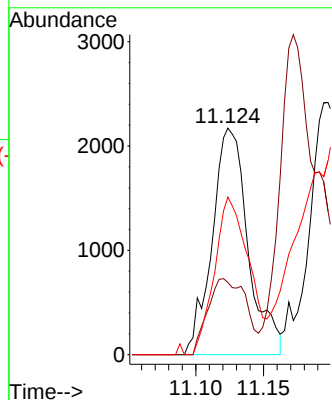
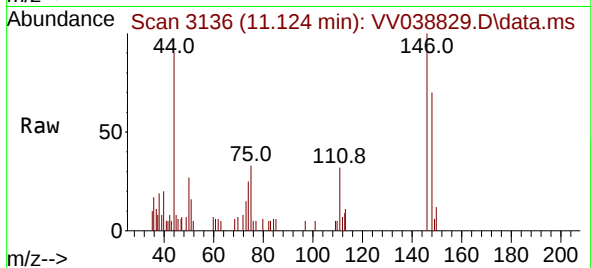
Tgt Ion:146 Resp: 4020

Ion Ratio Lower Upper

146 100

111 35.7 20.3 60.9

148 66.8 31.8 95.4



#88

1,4-Dichlorobenzene

Concen: 0.312 ug/l

RT: 11.124 min Scan# 3136

Delta R.T. -0.071 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

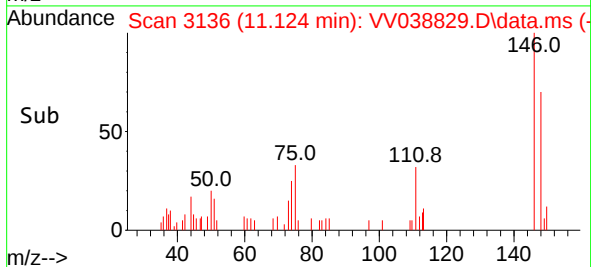
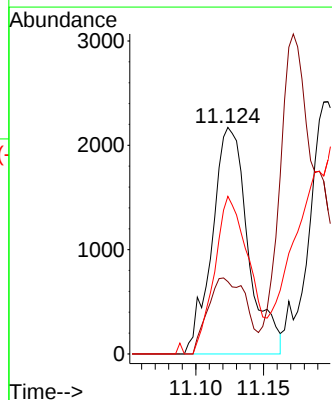
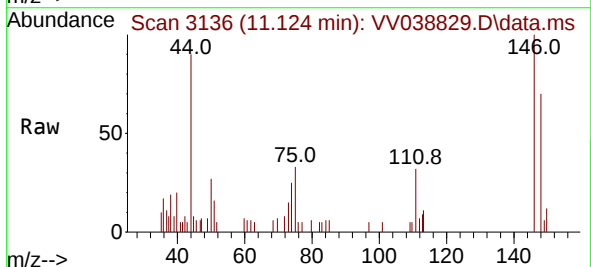
Tgt Ion:146 Resp: 4020

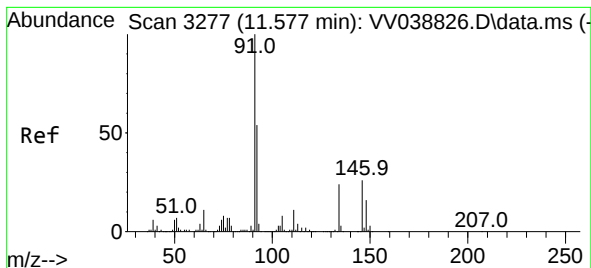
Ion Ratio Lower Upper

146 100

111 35.7 20.5 61.5

148 66.8 32.3 96.9





#89

n-Butylbenzene

Concen: 0.350 ug/l

RT: 11.593 min Scan# 31

Delta R.T. 0.016 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

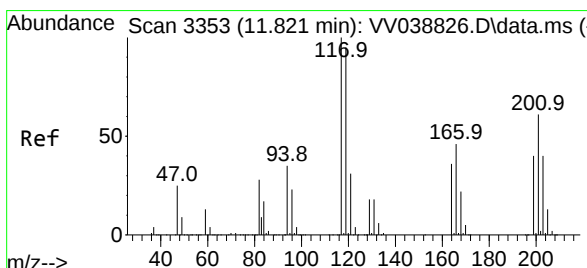
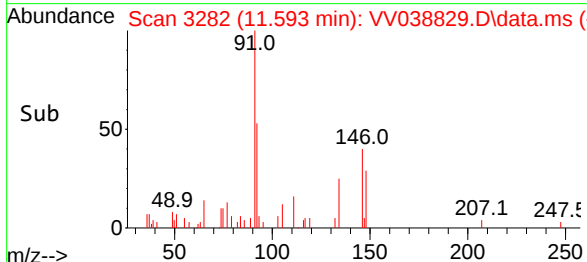
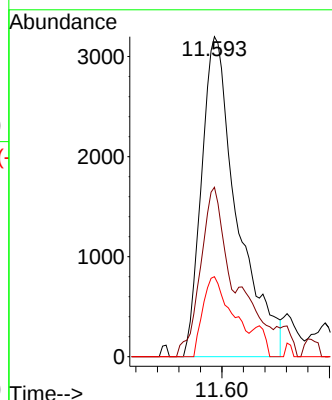
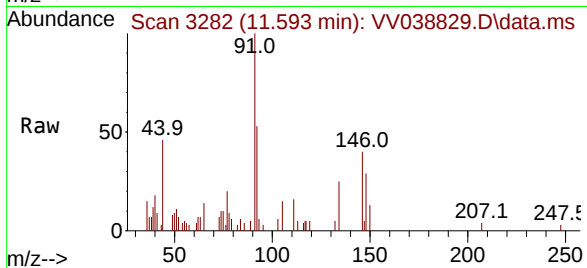
Tgt Ion: 91 Resp: 7349

Ion Ratio Lower Upper

91 100

92 38.3 26.6 79.7

134 20.5 12.3 36.8



#90

Hexachloroethane

Concen: 0.224 ug/l

RT: 11.821 min Scan# 3353

Delta R.T. 0.000 min

Lab File: VV038829.D

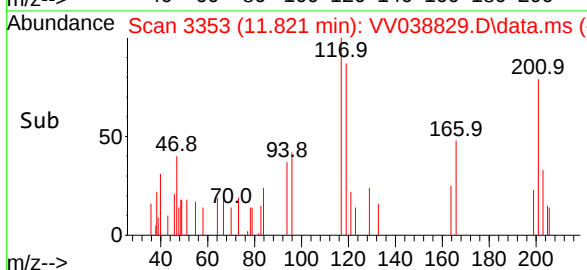
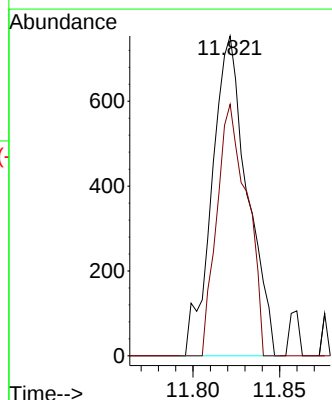
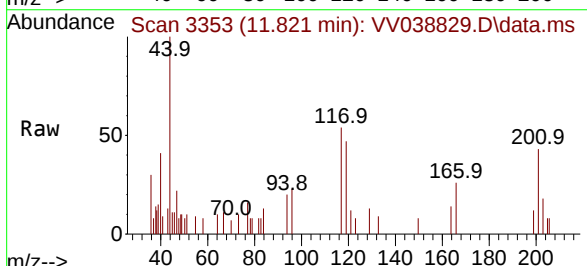
Acq: 27 Jun 2025 12:11

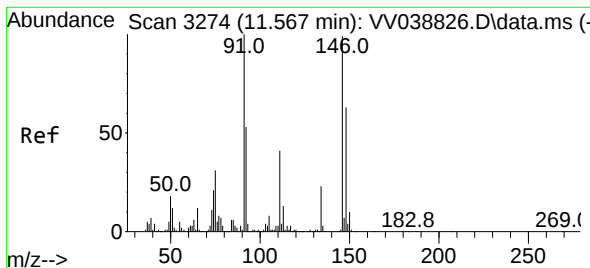
Tgt Ion: 117 Resp: 1069

Ion Ratio Lower Upper

117 100

201 67.5 31.4 94.0





#91

1,2-Dichlorobenzene

Concen: 0.266 ug/l

RT: 11.587 min Scan# 31

Delta R.T. 0.019 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Instrument :

MSVOA_V

ClientSampleId :

VIBLK

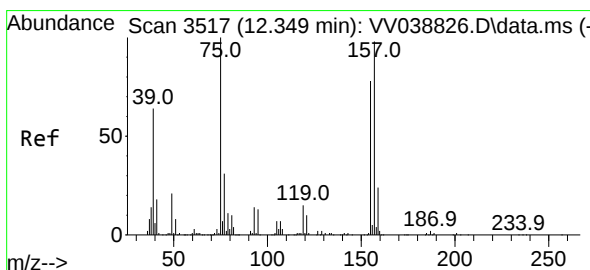
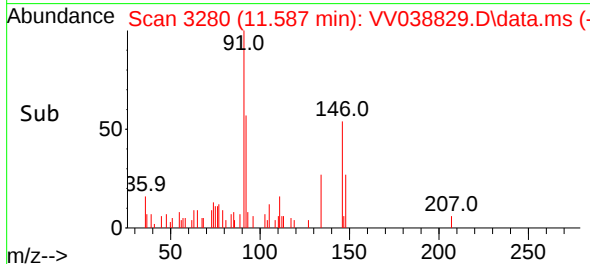
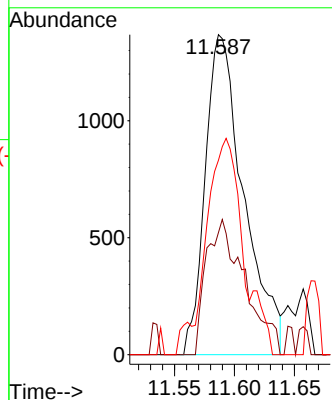
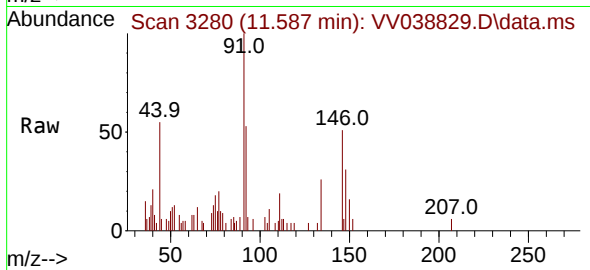
Tgt Ion:146 Resp: 3067

Ion Ratio Lower Upper

146 100

111 42.4 21.0 63.0

148 58.6 31.6 94.8



#92

1,2-Dibromo-3-Chloropropane

Concen: 0.237 ug/l

RT: 12.368 min Scan# 3523

Delta R.T. 0.019 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

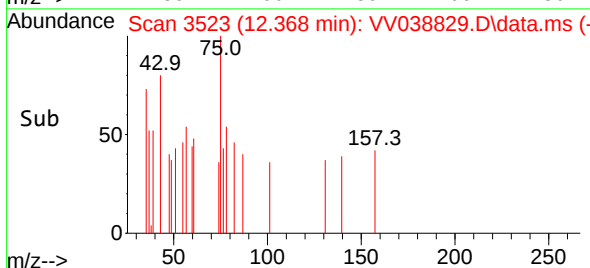
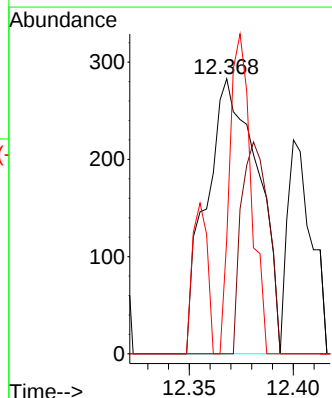
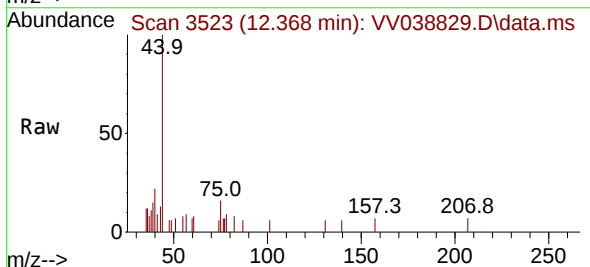
Tgt Ion: 75 Resp: 486

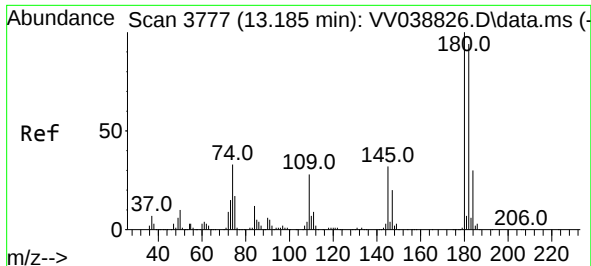
Ion Ratio Lower Upper

75 100

155 40.7 39.0 116.9

157 48.6 48.3 144.8

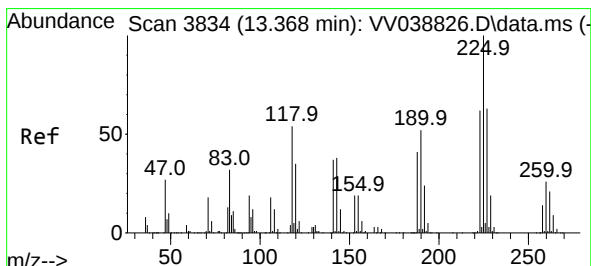
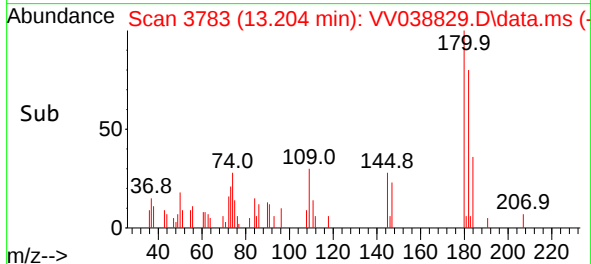
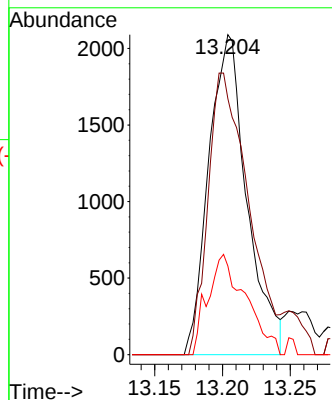
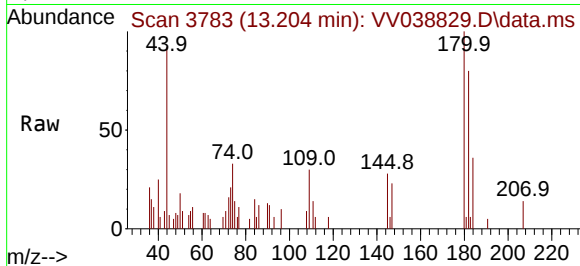




#93
1,2,4-Trichlorobenzene
Concen: 0.599 ug/l
RT: 13.204 min Scan# 31
Delta R.T. 0.019 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

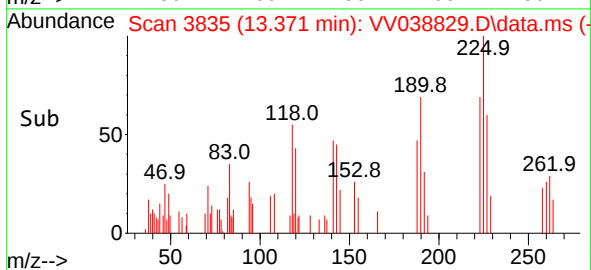
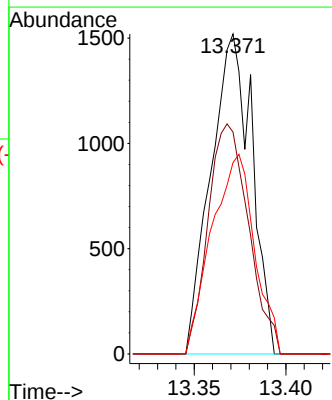
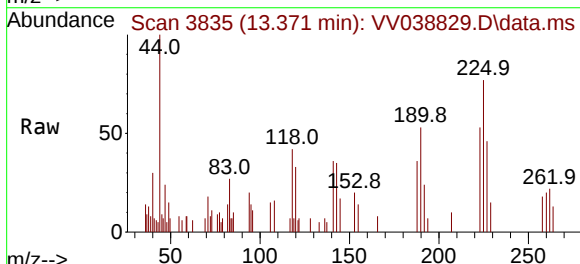
Instrument :
MSVOA_V
ClientSampleId :
VIBLK

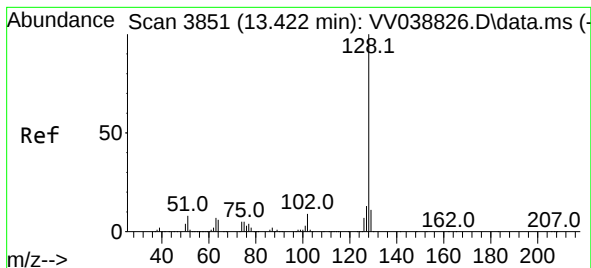
Tgt Ion:180	Resp:	4082
Ion Ratio	Lower	Upper
180	100	
182	93.7	46.9 140.6
145	31.3	15.8 47.3



#94
Hexachlorobutadiene
Concen: 0.713 ug/l
RT: 13.371 min Scan# 3835
Delta R.T. 0.003 min
Lab File: VV038829.D
Acq: 27 Jun 2025 12:11

Tgt Ion:225	Resp:	2363
Ion Ratio	Lower	Upper
225	100	
223	71.0	31.3 93.8
227	65.3	31.0 93.0





#95

Naphthalene

Concen: 3.846 ug/l

RT: 13.442 min Scan# 31

Delta R.T. 0.020 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

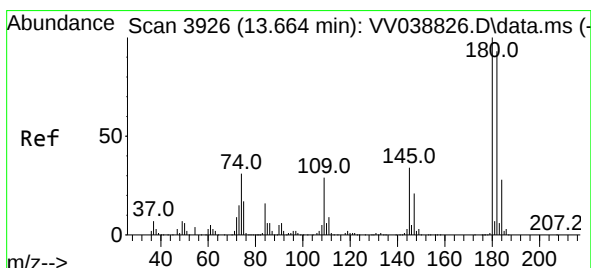
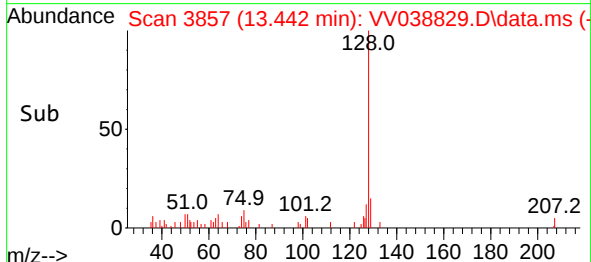
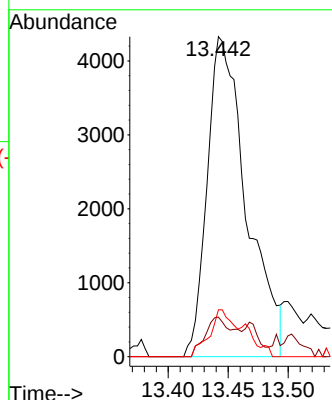
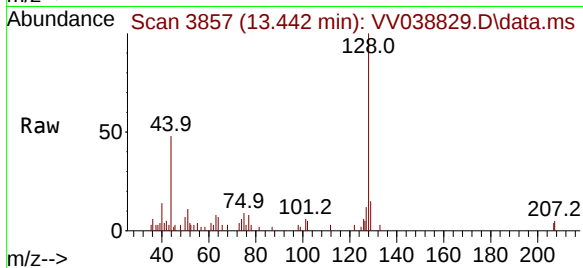
Instrument :

MSVOA_V

ClientSampleId :

VIBLK

Tgt Ion:	128	Resp:	9863
Ion Ratio	Lower	Upper	
128	100		
127	9.2	10.4	15.6#
129	8.9	8.6	13.0



#96

1,2,3-Trichlorobenzene

Concen: 0.546 ug/l

RT: 13.677 min Scan# 3930

Delta R.T. 0.013 min

Lab File: VV038829.D

Acq: 27 Jun 2025 12:11

Tgt Ion:	180	Resp:	3821
Ion Ratio	Lower	Upper	
180	100		
182	95.9	47.3	141.8
145	41.0	17.0	50.9

