

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023718.D
 Acq On : 10 Nov 2025 16:37
 Operator : SY/MD
 Sample : Q3593-07
 Misc : 5.43g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B-LAW-25-0167-0175-COMP

Quant Time: Nov 11 02:09:07 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100725S.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 08 05:12:50 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	239699	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	399533	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	176595	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	26119	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157967	78.810	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 157.620%	
35) Dibromofluoromethane	7.640	113	160788	65.496	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 131.000%	
50) Toluene-d8	10.109	98	328760	35.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 71.920%	
62) 4-Bromofluorobenzene	12.408	95	45192	14.972	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 29.940%#	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.848	59	22464	150.648	ug/l	97
16) Acetone	3.872	43	3154	6.610	ug/l	95
19) Methyl tert-butyl Ether	5.122	73	47112	9.168	ug/l	95
20) Methylene Chloride	4.628	84	8015	3.106	ug/l #	89
31) Cyclohexane	7.707	56	10451	3.134	ug/l #	55
36) 1,1-Dichloropropene	7.707	75	16820	5.175	ug/l #	49
39) Methylcyclohexane	9.109	83	14599	3.450	ug/l	91
52) Toluene	10.176	92	36640	5.483	ug/l	97
55) 1,1,2-Trichloroethane	10.548	97	9808	5.074	ug/l #	25
56) Ethyl methacrylate	10.451	69	3388	1.519	ug/l #	6
67) Ethyl Benzene	11.524	91	25424	4.089	ug/l	94
68) m/p-Xylenes	11.627	106	43851	17.585	ug/l	88
69) o-Xylene	11.956	106	16700	7.140	ug/l	89
70) Styrene	11.956	104	4311	1.121	ug/l #	69
73) Isopropylbenzene	12.261	105	86755	50.402	ug/l #	61
74) N-amyl acetate	12.048	43	2316	7.491	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.353	83	1910	6.784	ug/l	67
76) 1,2,3-Trichloropropane	12.408	75	23813	103.337	ug/l #	100
78) n-propylbenzene	12.597	91	16538	8.303	ug/l	100
80) 1,3,5-Trimethylbenzene	12.737	105	21926	15.764	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.255	75	3129	33.297	ug/l #	1
83) tert-Butylbenzene	13.042	119	8999	7.007	ug/l #	54
84) 1,2,4-Trimethylbenzene	13.042	105	69392	49.990	ug/l	100
85) sec-Butylbenzene	13.176	105	11427	6.203	ug/l	97
86) p-Isopropyltoluene	13.237	119	9480	6.044	ug/l	86
87) 1,3-Dichlorobenzene	13.279	146	912	1.023	ug/l #	25
89) n-Butylbenzene	13.615	91	4539	3.321	ug/l #	59
90) Hexachloroethane	13.651	117	682	2.022	ug/l	72
92) 1,2-Dibromo-3-Chloropr...	14.371	75	138	2.987	ug/l	78
93) 1,2,4-Trichlorobenzene	14.925	180	791	1.624	ug/l #	1
94) Hexachlorobutadiene	15.023	225	329	1.084	ug/l #	35
95) Naphthalene	15.145	128	6526	8.414	ug/l #	75
96) 1,2,3-Trichlorobenzene	15.346	180	12501	29.632	ug/l #	17

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

Instrument :

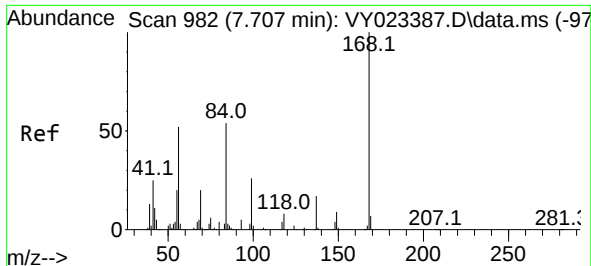
MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP

Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

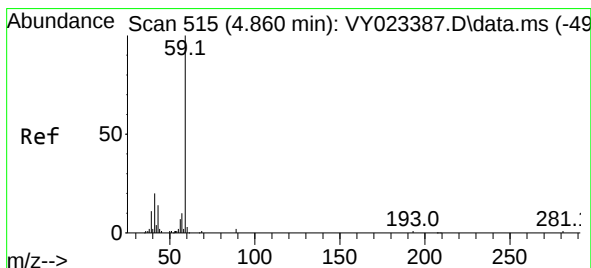
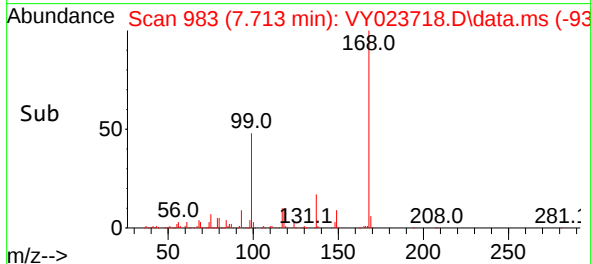
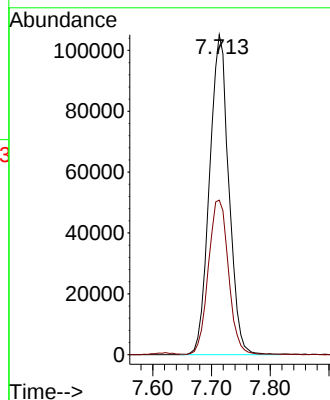
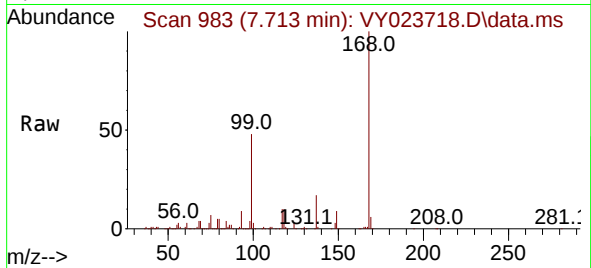
[illegible]



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

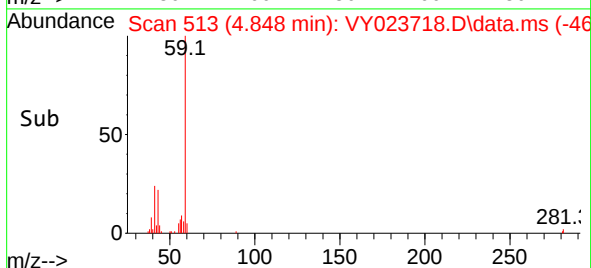
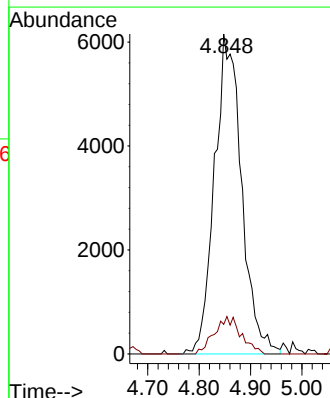
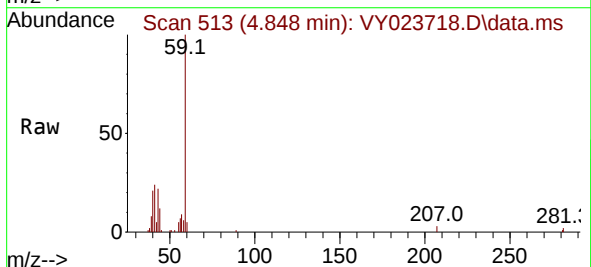
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

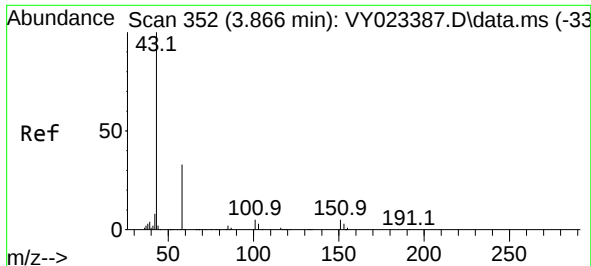
Tgt Ion:168 Resp: 239699
Ion Ratio Lower Upper
168 100
99 48.2 39.7 59.5



#11
Tert butyl alcohol
Concen: 150.648 ug/l
RT: 4.848 min Scan# 513
Delta R.T. -0.012 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 59 Resp: 22464
Ion Ratio Lower Upper
59 100
57 11.5 8.3 12.5





#16

Acetone

Concen: 6.610 ug/l

RT: 3.872 min Scan# 31

Delta R.T. 0.006 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

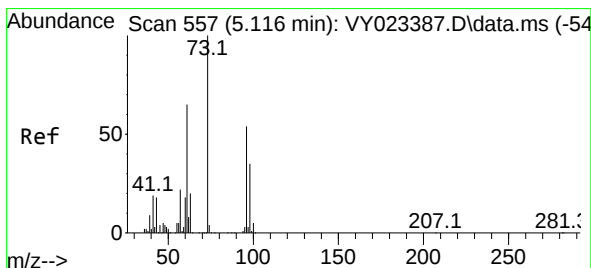
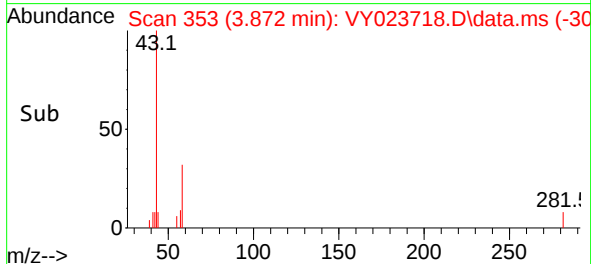
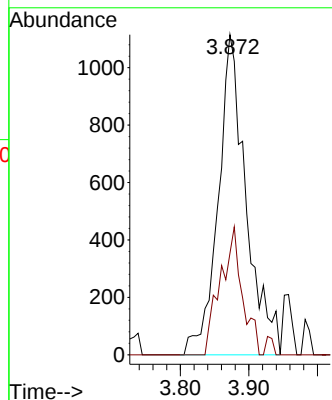
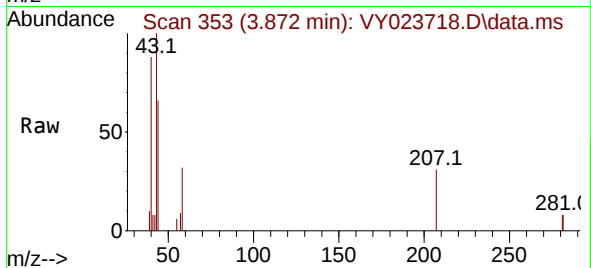
B-LAW-25-0167-0175-COMP

Tgt Ion: 43 Resp: 3154

Ion Ratio Lower Upper

43 100

58 31.7 27.7 41.5



#19

Methyl tert-butyl Ether

Concen: 9.168 ug/l

RT: 5.122 min Scan# 558

Delta R.T. 0.006 min

Lab File: VY023718.D

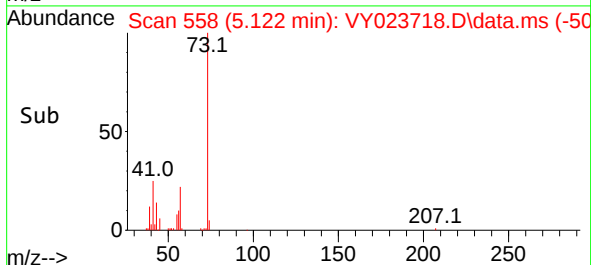
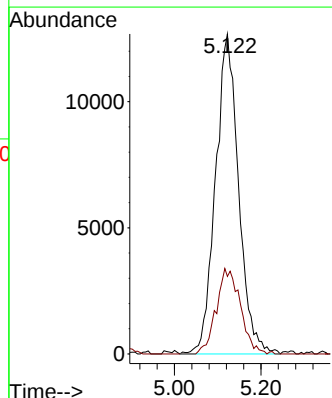
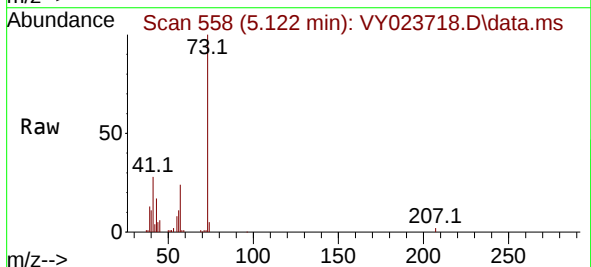
Acq: 10 Nov 2025 16:37

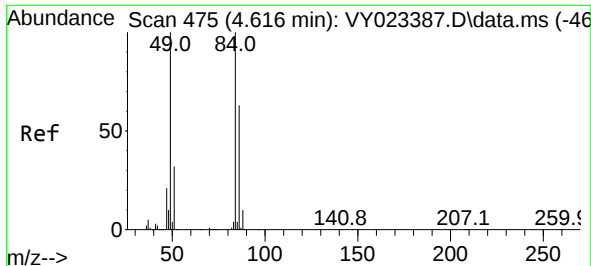
Tgt Ion: 73 Resp: 47112

Ion Ratio Lower Upper

73 100

57 24.3 17.4 26.0

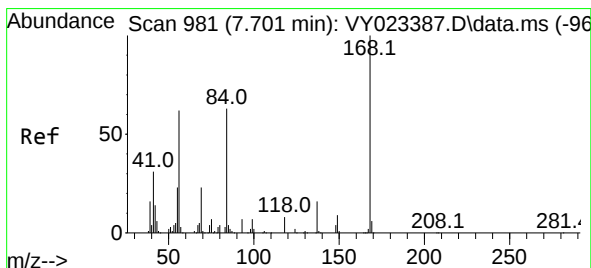
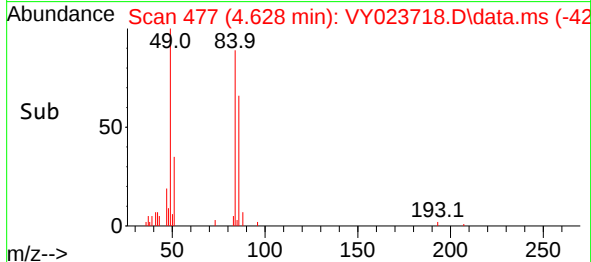
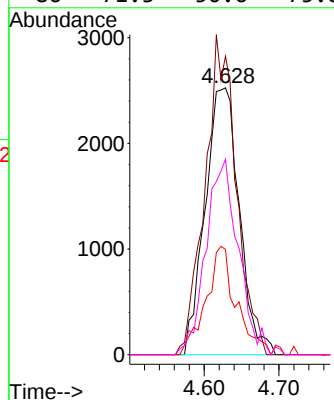
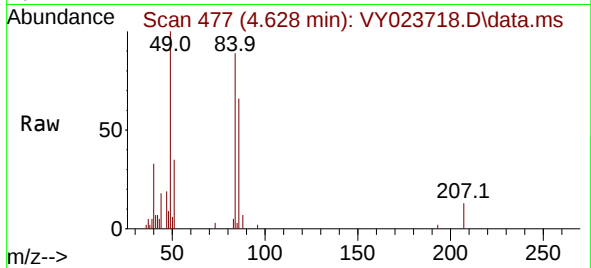




#20
Methylene Chloride
Concen: 3.106 ug/l
RT: 4.628 min Scan# 41
Delta R.T. 0.012 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

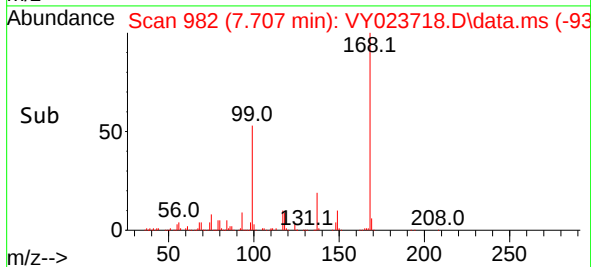
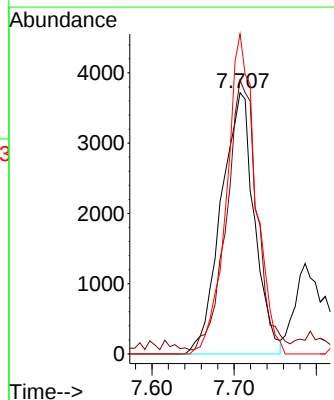
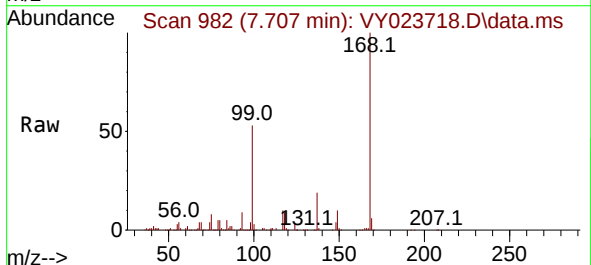
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

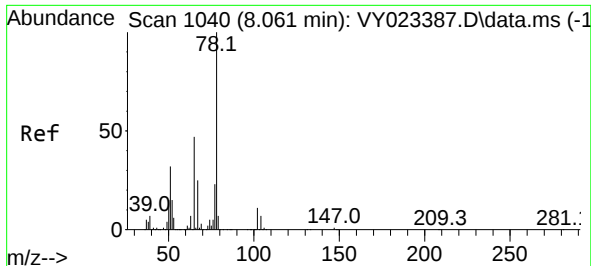
Tgt Ion:	84	Resp:	8015
Ion	Ratio	Lower	Upper
84	100		
49	111.8	80.2	120.4
51	39.4	25.9	38.9#
86	71.3	50.6	75.8



#31
Cyclohexane
Concen: 3.134 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion:	56	Resp:	10451
Ion	Ratio	Lower	Upper
56	100		
69	102.7	30.0	45.0#
84	122.5	81.2	121.8#





#33

1,2-Dichloroethane-d4

Concen: 78.810 ug/l

RT: 8.061 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

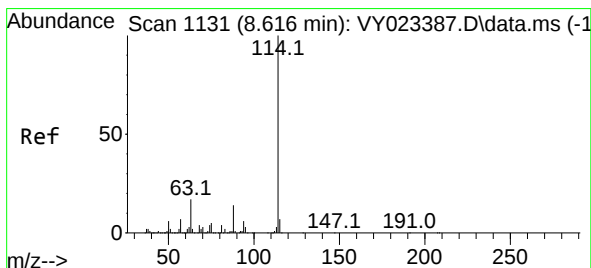
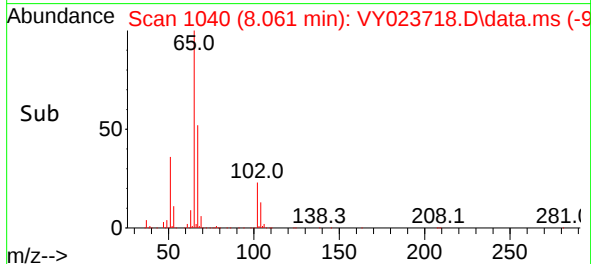
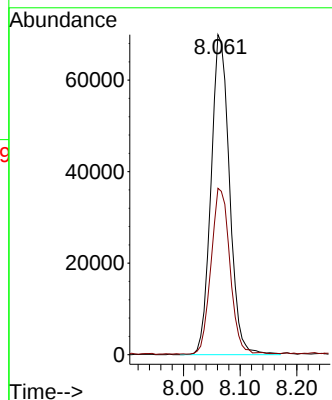
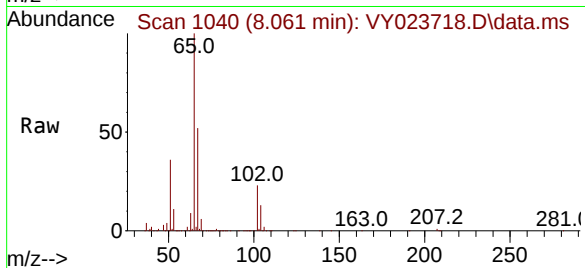
B-LAW-25-0167-0175-COMP

Tgt Ion: 65 Resp: 157967

Ion Ratio Lower Upper

65 100

67 52.8 0.0 105.8



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

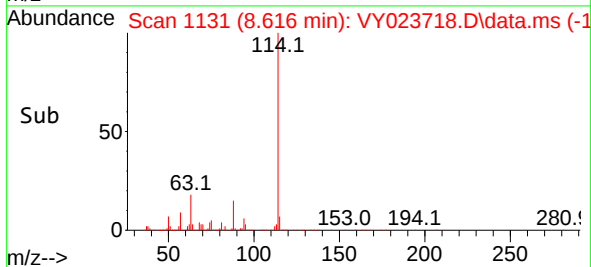
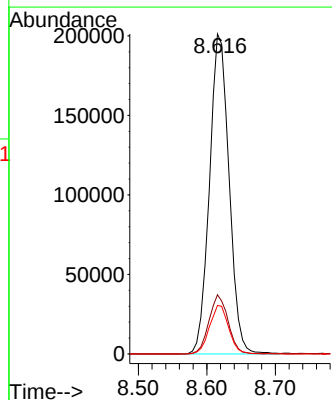
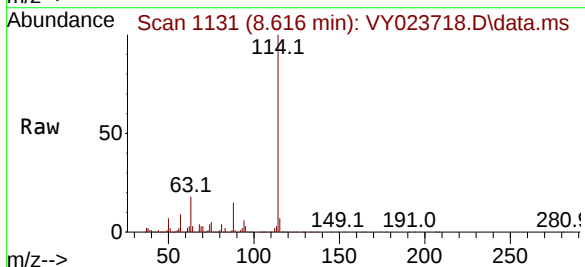
Tgt Ion: 114 Resp: 399533

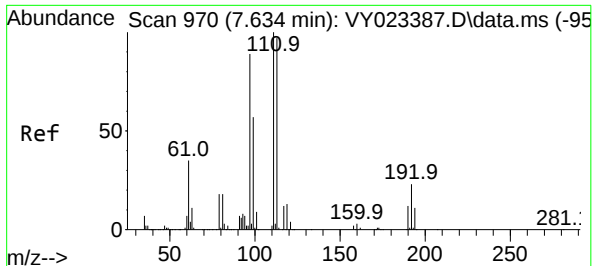
Ion Ratio Lower Upper

114 100

63 18.5 0.0 34.2

88 15.2 0.0 28.4





#35

Dibromofluoromethane

Concen: 65.496 ug/l

RT: 7.640 min Scan# 91

Delta R.T. 0.006 min

Lab File: VY023718.D

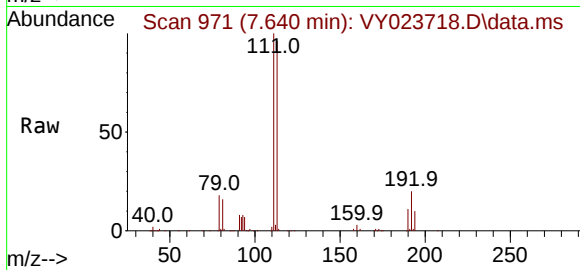
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Instrument :

MSVOA_Y

ClientSampleId :

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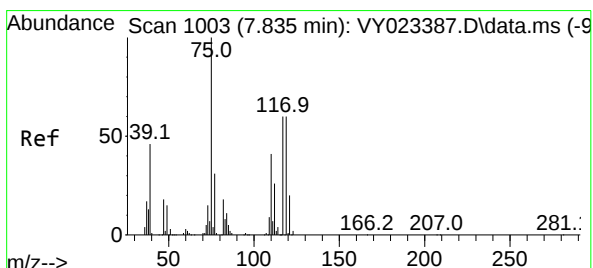
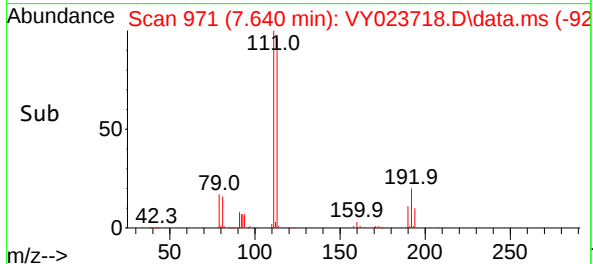
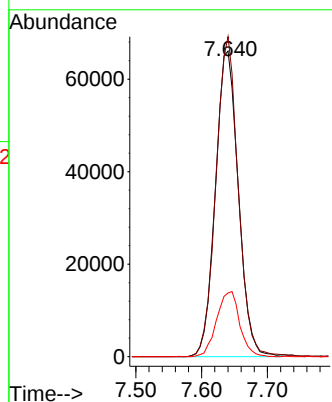
Tgt Ion:113 Resp: 160788

Ion Ratio Lower Upper

113 100

111 101.7 81.8 122.6

192 21.4 18.0 27.0



#36

1,1-Dichloropropene

Concen: 5.175 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.128 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

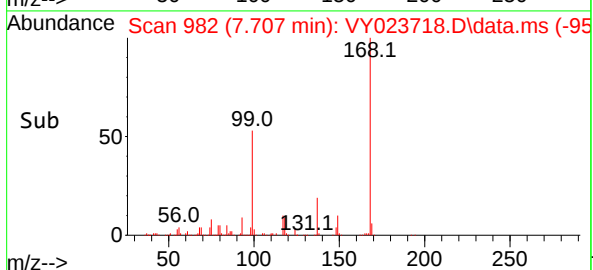
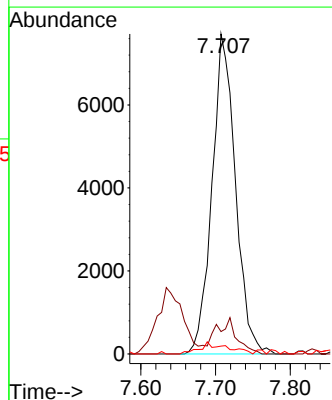
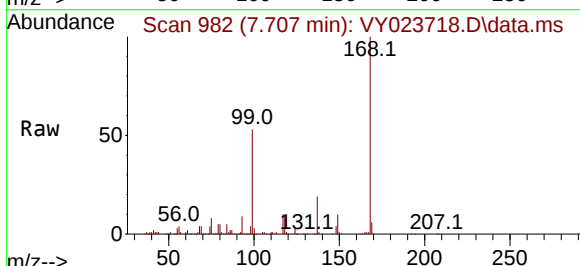
Tgt Ion: 75 Resp: 16820

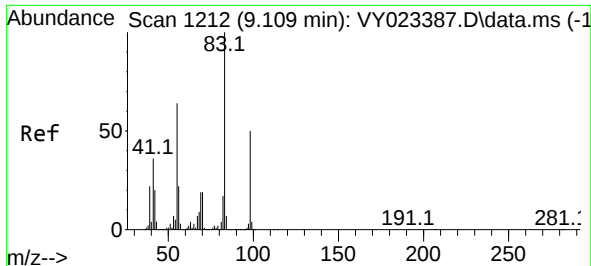
Ion Ratio Lower Upper

75 100

110 10.6 19.9 59.7#

77 0.0 25.0 37.6#

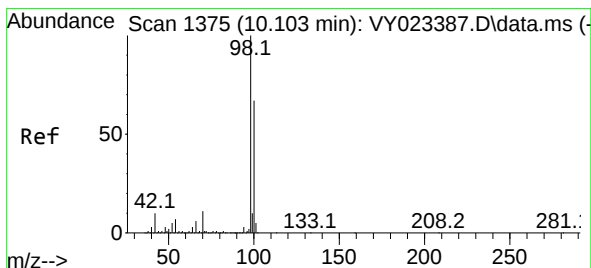
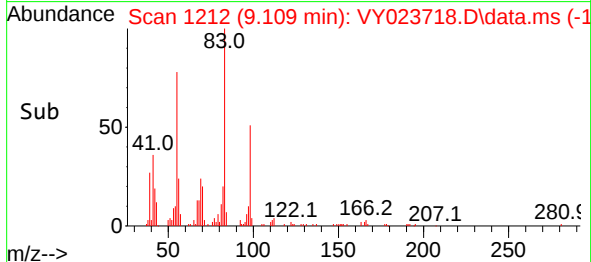
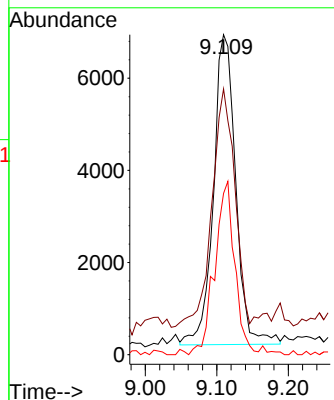
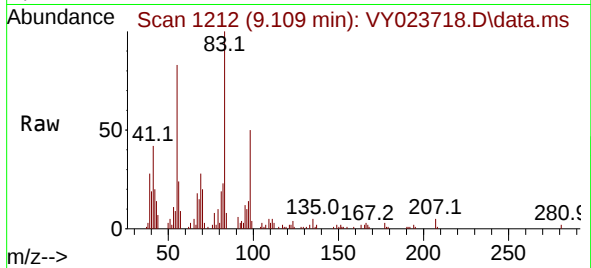




#39
Methylcyclohexane
Concen: 3.450 ug/l
RT: 9.109 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

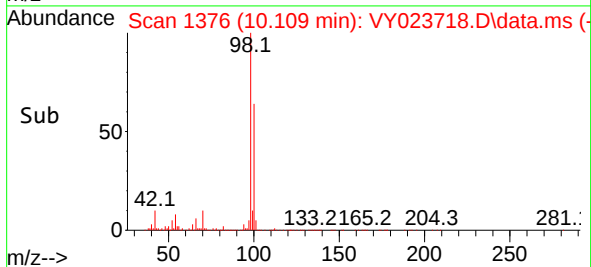
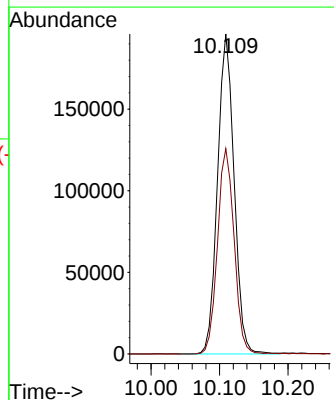
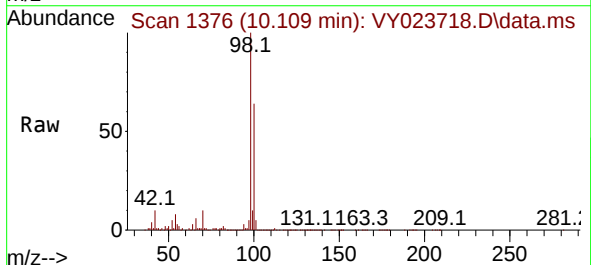
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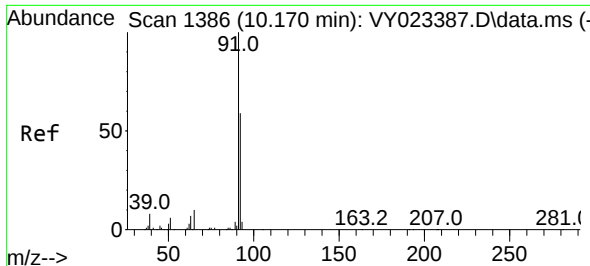
Tgt Ion: 83 Resp: 14599
Ion Ratio Lower Upper
83 100
55 76.0 51.4 77.2
98 51.6 40.4 60.6



#50
Toluene-d8
Concen: 35.960 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 98 Resp: 328760
Ion Ratio Lower Upper
98 100
100 64.3 53.0 79.4

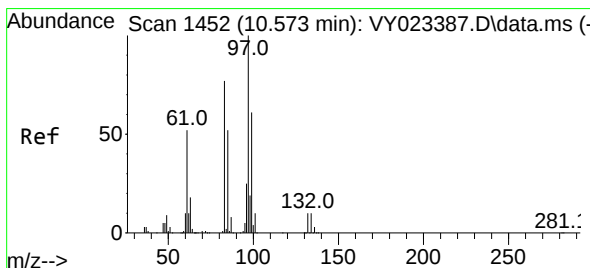
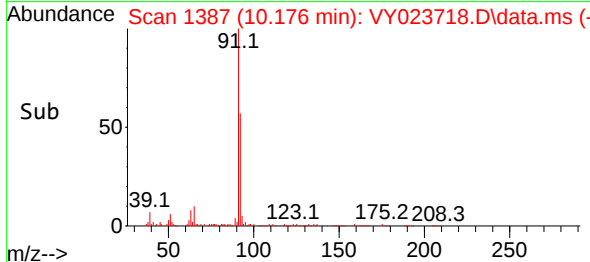
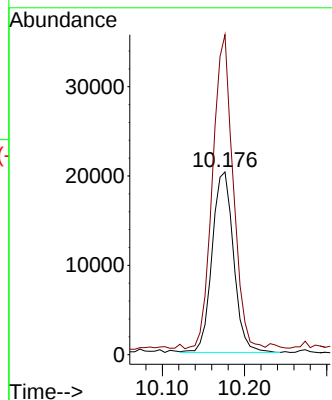
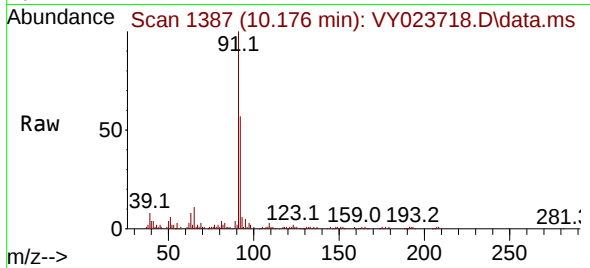




#52
Toluene
Concen: 5.483 ug/l
RT: 10.176 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

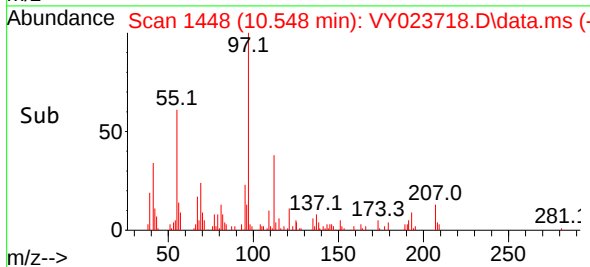
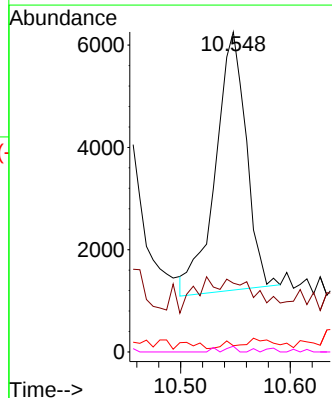
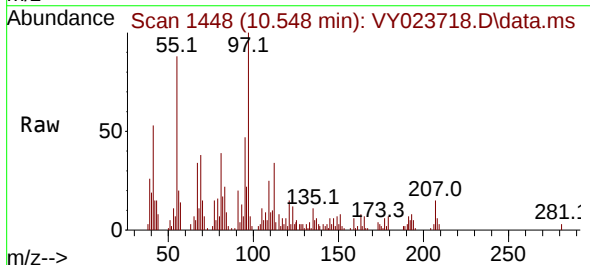
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MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

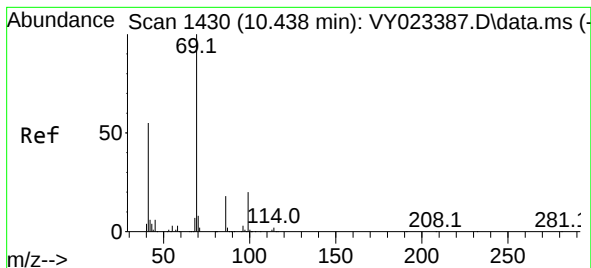
Tgt Ion: 92 Resp: 36640
Ion Ratio Lower Upper
92 100
91 166.4 136.4 204.6



#55
1,1,2-Trichloroethane
Concen: 5.074 ug/l
RT: 10.548 min Scan# 1448
Delta R.T. -0.024 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 97 Resp: 9808
Ion Ratio Lower Upper
97 100
83 11.9 61.8 92.6#
85 0.0 41.3 61.9#
99 2.3 48.7 73.1#

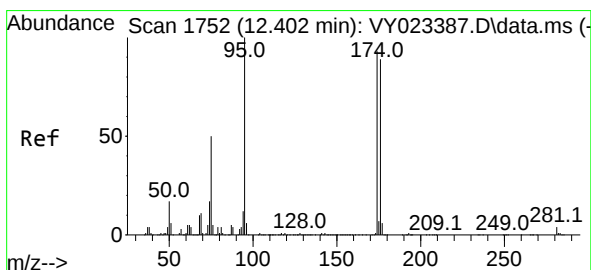
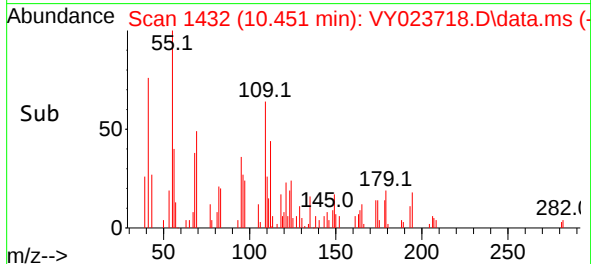
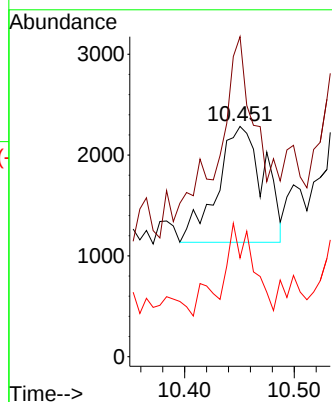
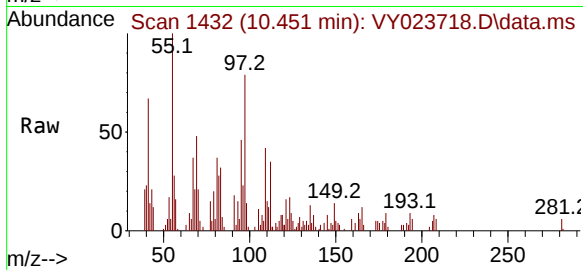




#56
Ethyl methacrylate
Concen: 1.519 ug/l
RT: 10.451 min Scan# 1432
Delta R.T. 0.012 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

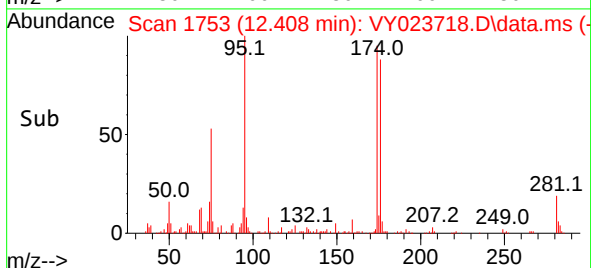
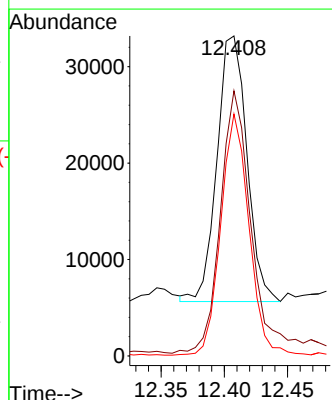
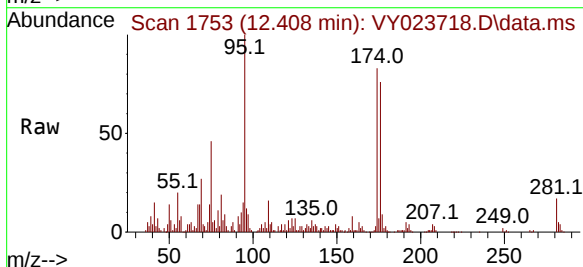
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

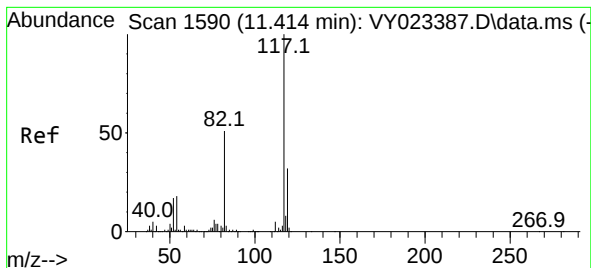
Tgt Ion: 69 Resp: 3388
Ion Ratio Lower Upper
69 100
41 161.9 44.6 67.0#
39 38.1 27.0 40.4



#62
4-Bromofluorobenzene
Concen: 14.972 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 95 Resp: 45192
Ion Ratio Lower Upper
95 100
174 107.8 0.0 192.8
176 85.6 0.0 187.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.420 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP

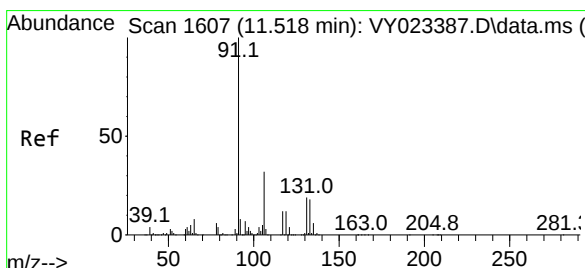
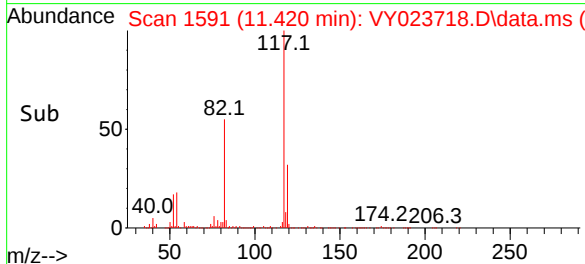
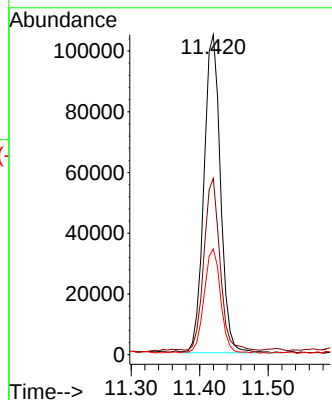
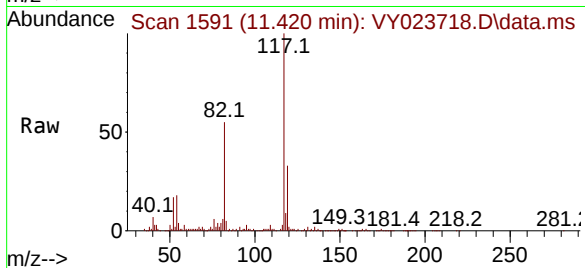
Tgt Ion:117 Resp: 176595

Ion Ratio Lower Upper

117 100

82 53.8 41.0 61.4

119 32.6 25.6 38.4



#67

Ethyl Benzene

Concen: 4.089 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY023718.D

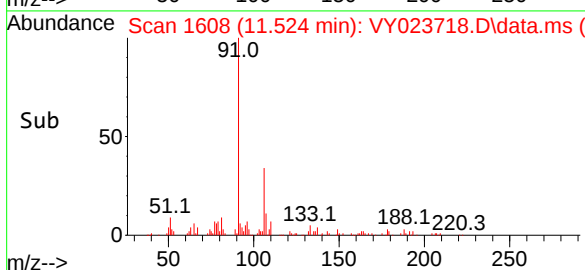
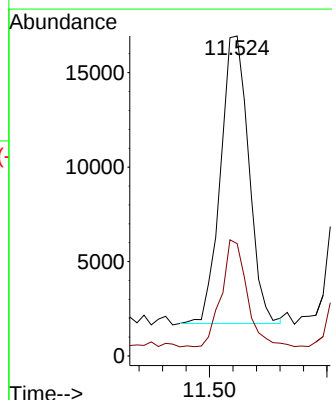
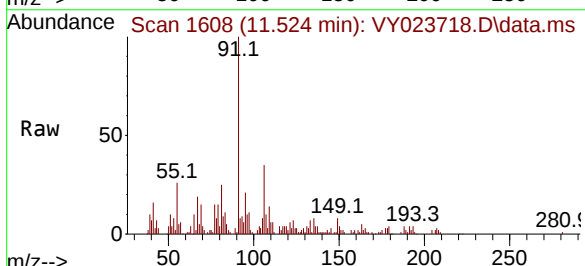
Acq: 10 Nov 2025 16:37

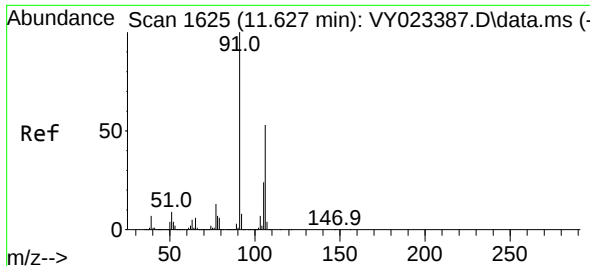
Tgt Ion: 91 Resp: 25424

Ion Ratio Lower Upper

91 100

106 35.9 25.8 38.8

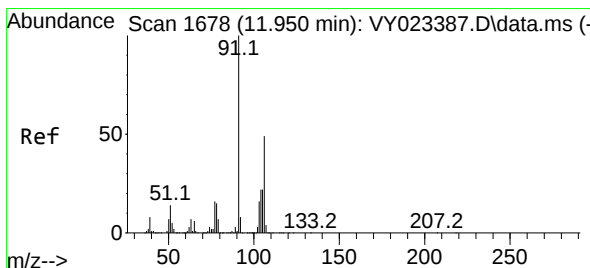
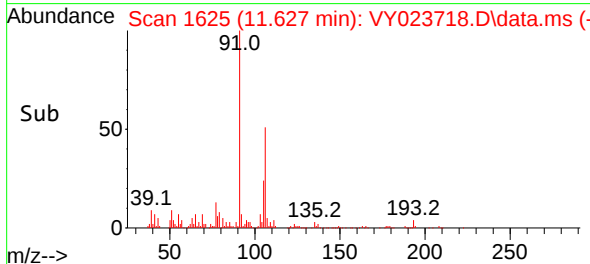
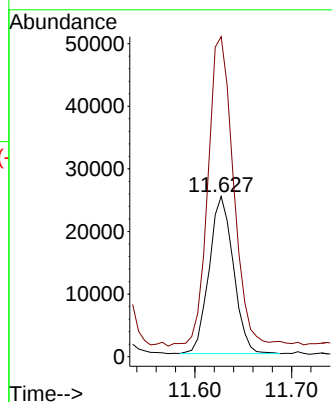
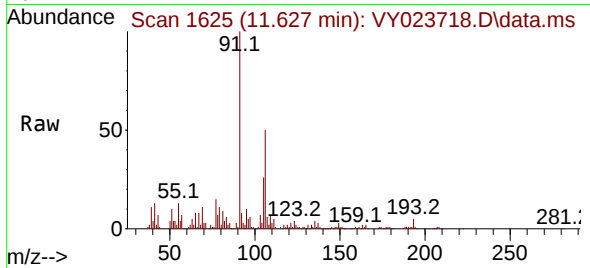




#68
m/p-Xylenes
Concen: 17.585 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

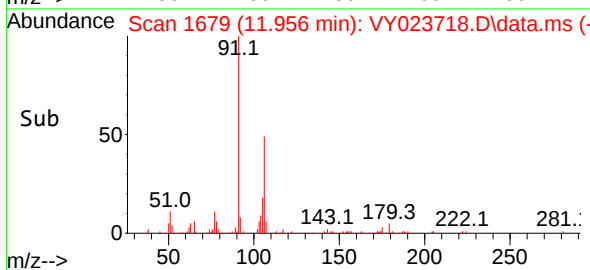
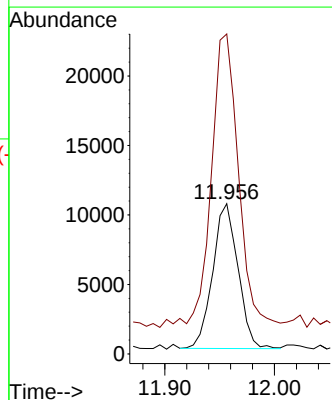
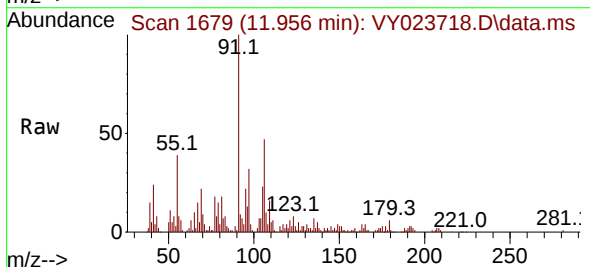
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

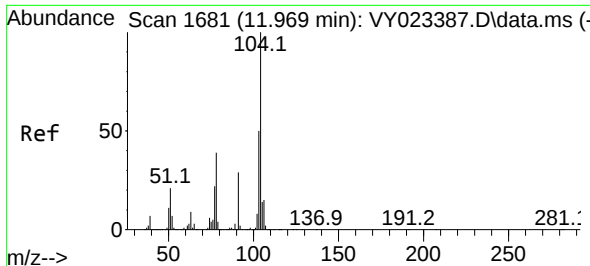
Tgt Ion:106 Resp: 43851
Ion Ratio Lower Upper
106 100
91 209.0 152.6 229.0



#69
o-Xylene
Concen: 7.140 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion:106 Resp: 16700
Ion Ratio Lower Upper
106 100
91 219.8 101.4 304.1

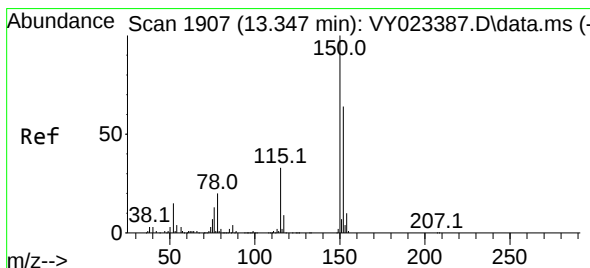
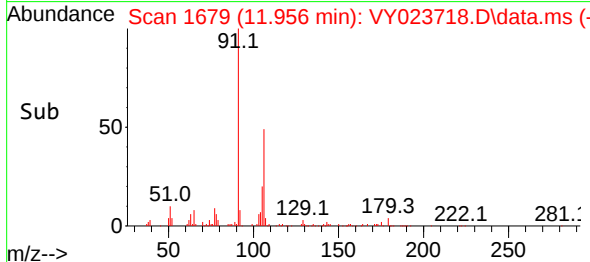
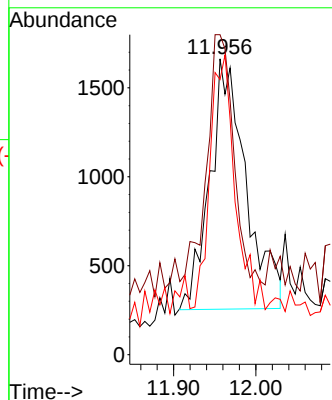
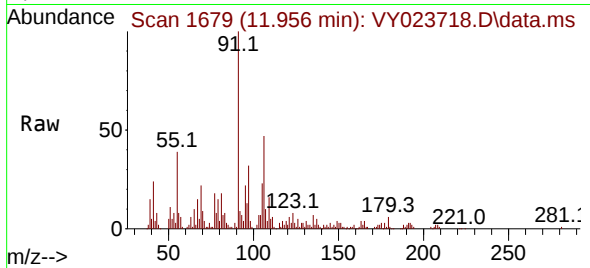




#70
Styrene
Concen: 1.121 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. -0.012 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

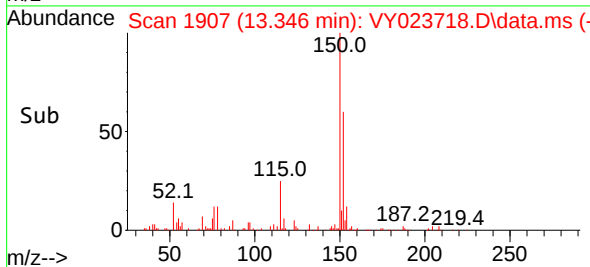
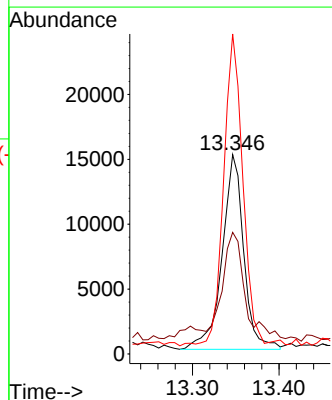
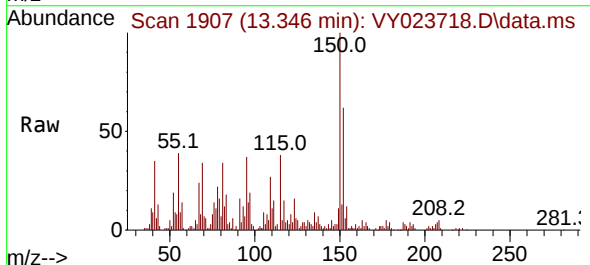
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

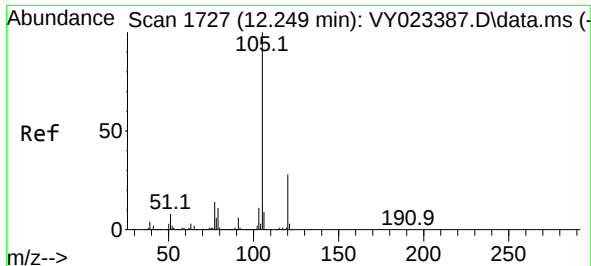
Tgt Ion:104 Resp: 4311
Ion Ratio Lower Upper
104 100
78 73.4 36.1 54.1#
103 69.5 43.2 64.8#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.346 min Scan# 1907
Delta R.T. -0.000 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion:152 Resp: 26119
Ion Ratio Lower Upper
152 100
115 60.7 27.1 81.2
150 141.4 0.0 347.4

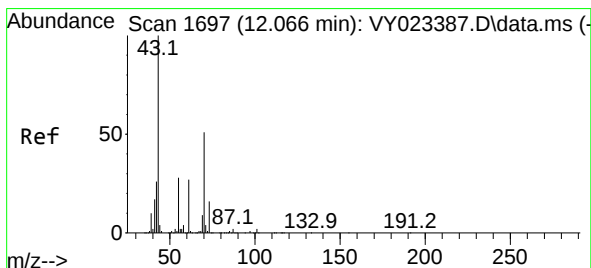
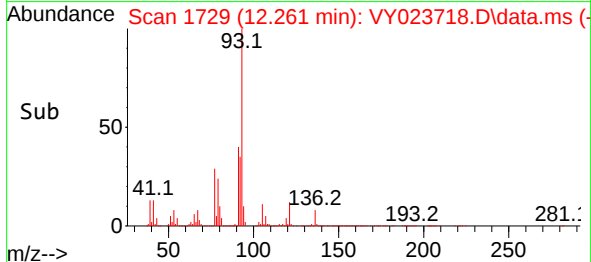
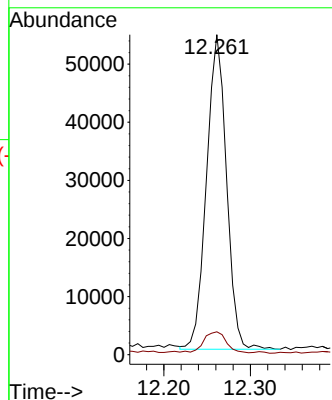
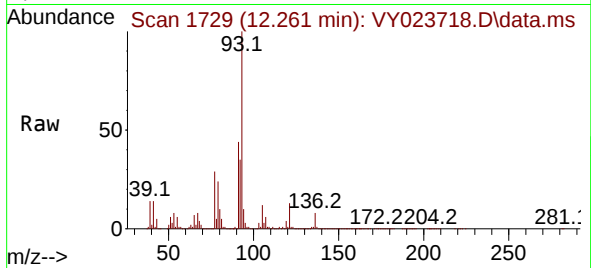




#73
Isopropylbenzene
Concen: 50.402 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. 0.012 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

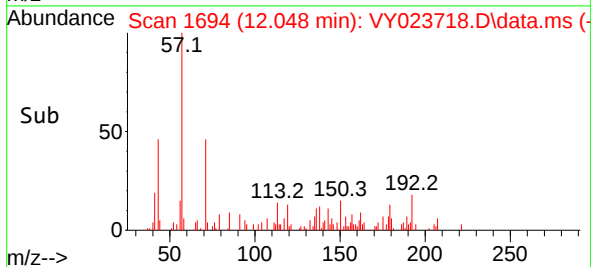
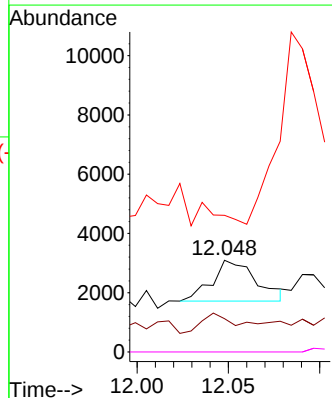
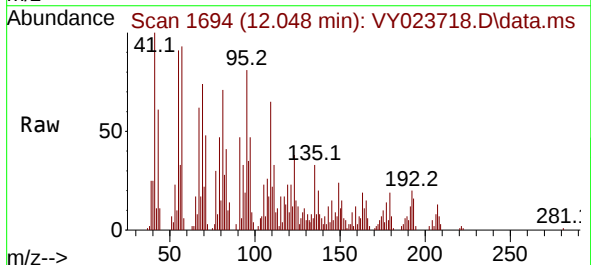
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

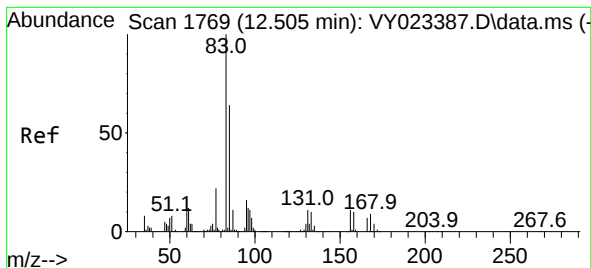
Tgt Ion:105 Resp: 86755
Ion Ratio Lower Upper
105 100
120 7.5 13.9 41.7#



#74
N-ethyl acetate
Concen: 7.491 ug/l
RT: 12.048 min Scan# 1694
Delta R.T. -0.018 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 43 Resp: 2316
Ion Ratio Lower Upper
43 100
70 41.9 41.1 61.7
55 0.0 23.0 34.6#
61 0.0 21.4 32.2#

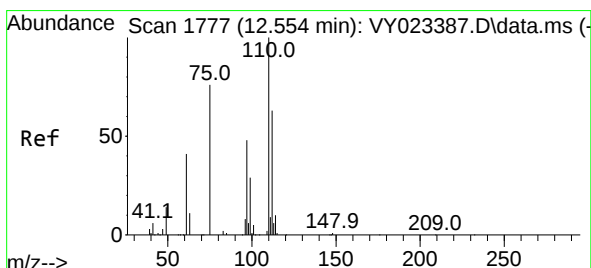
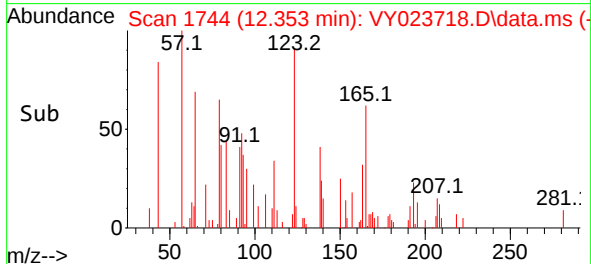
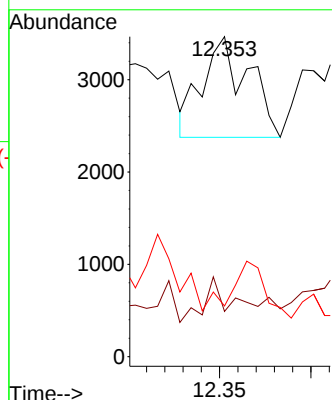
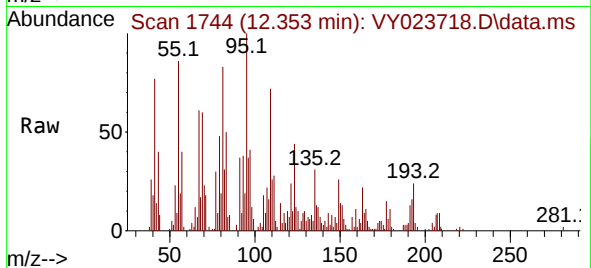




#75
1,1,2,2-Tetrachloroethane
Concen: 6.784 ug/l
RT: 12.353 min Scan# 1753
Delta R.T. -0.153 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

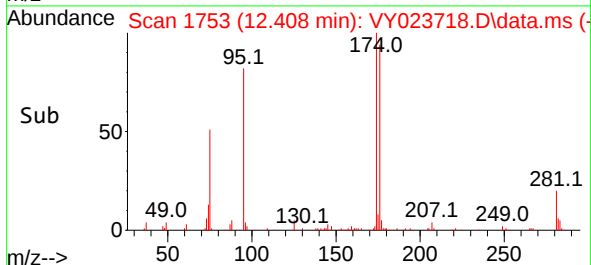
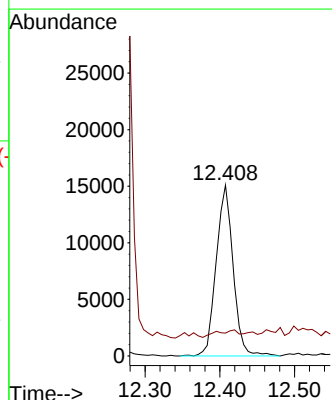
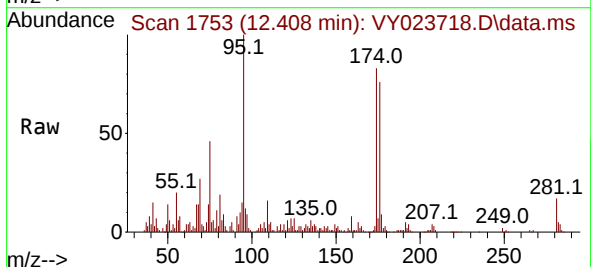
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

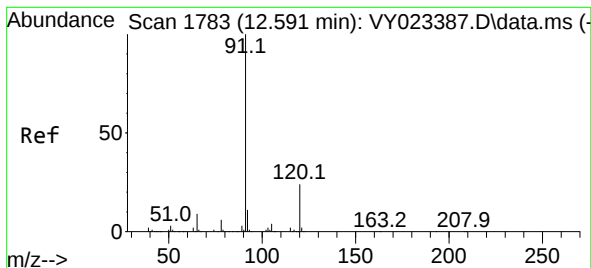
Tgt Ion: 83 Resp: 1910
Ion Ratio Lower Upper
83 100
131 14.7 5.9 17.6
85 34.3 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 103.337 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 75 Resp: 23813
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0





#78

n-propylbenzene

Concen: 8.303 ug/l

RT: 12.597 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

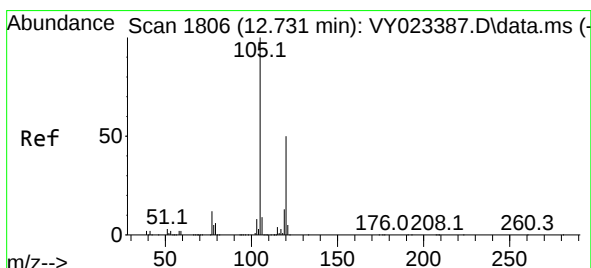
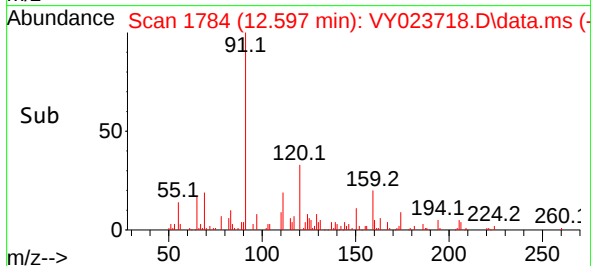
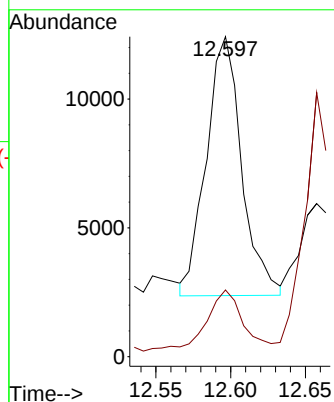
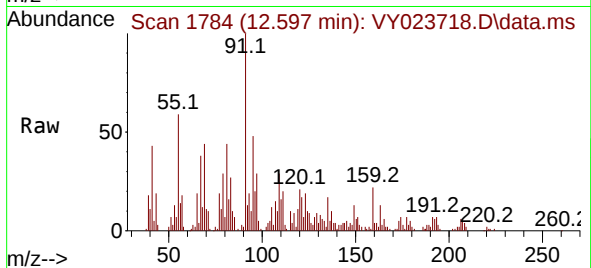
B-LAW-25-0167-0175-COMP

Tgt Ion: 91 Resp: 16538

Ion Ratio Lower Upper

91 100

120 24.7 12.3 36.8



#80

1,3,5-Trimethylbenzene

Concen: 15.764 ug/l

RT: 12.737 min Scan# 1807

Delta R.T. 0.006 min

Lab File: VY023718.D

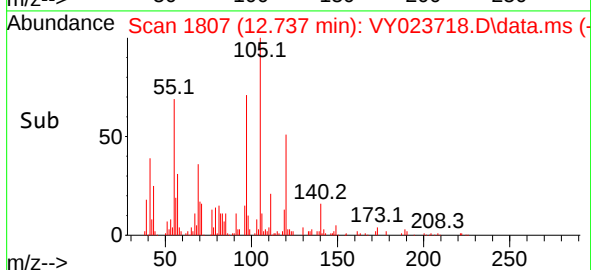
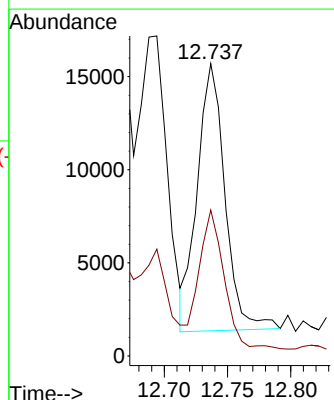
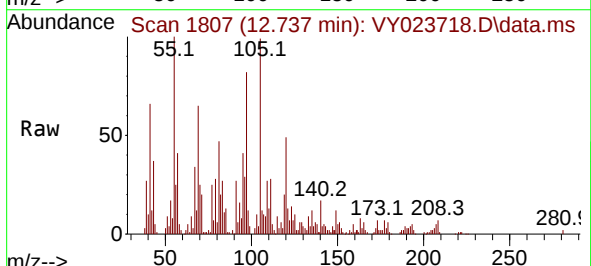
Acq: 10 Nov 2025 16:37

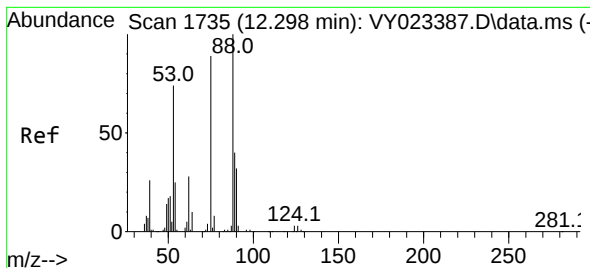
Tgt Ion: 105 Resp: 21926

Ion Ratio Lower Upper

105 100

120 48.2 25.4 76.4

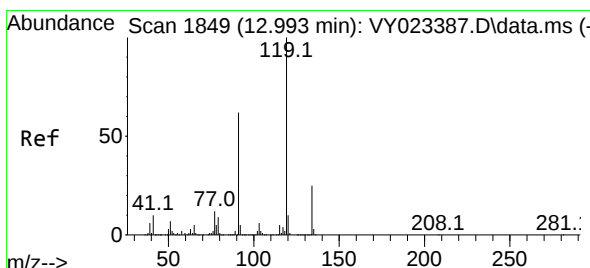
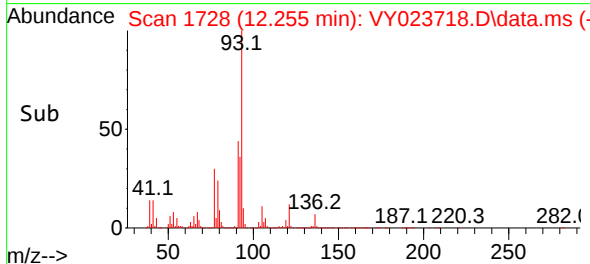
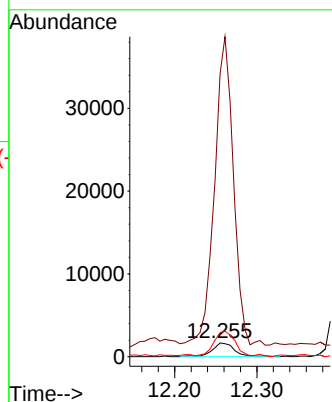
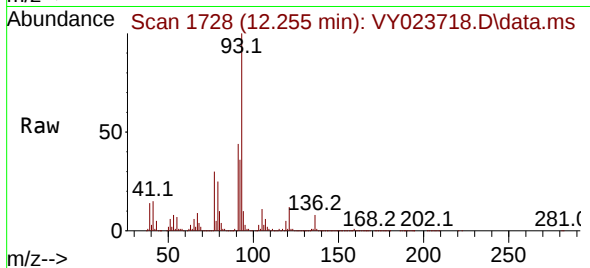




#81
trans-1,4-Dichloro-2-butene
Concen: 33.297 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.043 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

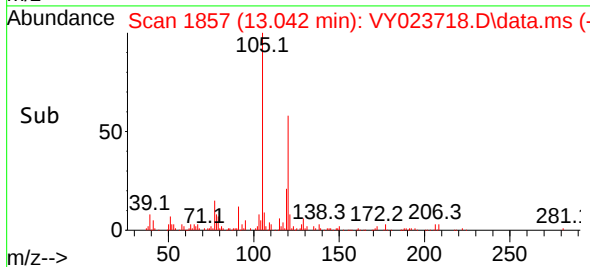
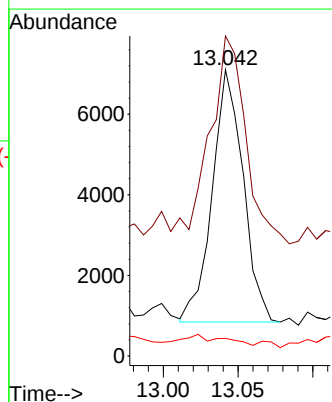
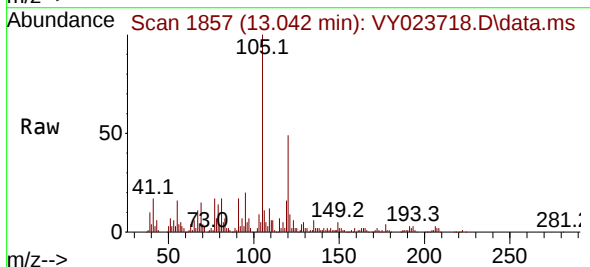
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

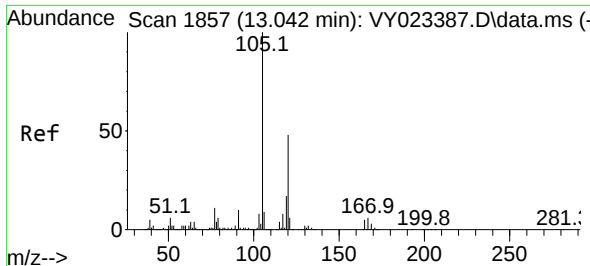
Tgt Ion: 75 Resp: 3129
Ion Ratio Lower Upper
75 100
53 1917.3 68.6 102.8#
89 164.1 39.0 58.4#



#83
tert-Butylbenzene
Concen: 7.007 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.049 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion: 119 Resp: 8999
Ion Ratio Lower Upper
119 100
91 96.8 29.9 89.8#
134 5.5 12.9 38.7#

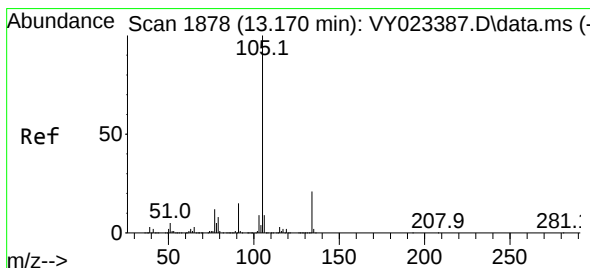
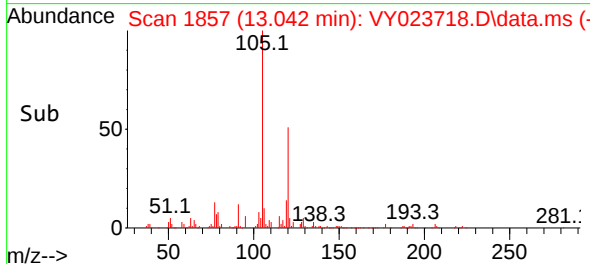
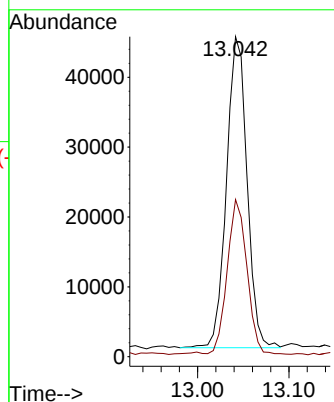
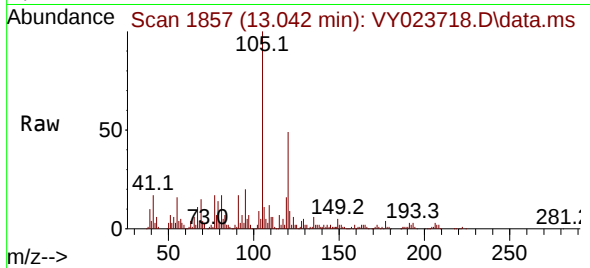




#84
1,2,4-Trimethylbenzene
Concen: 49.990 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

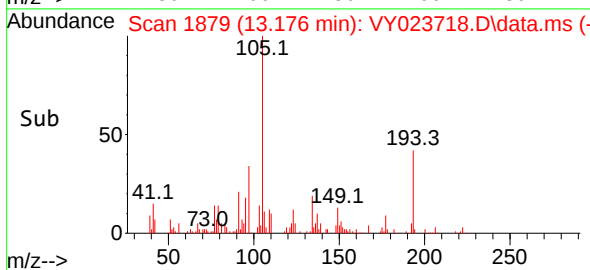
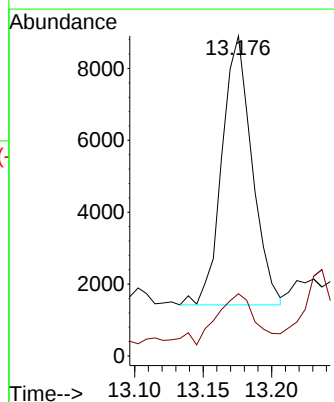
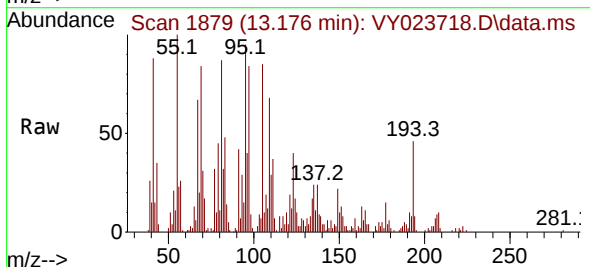
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

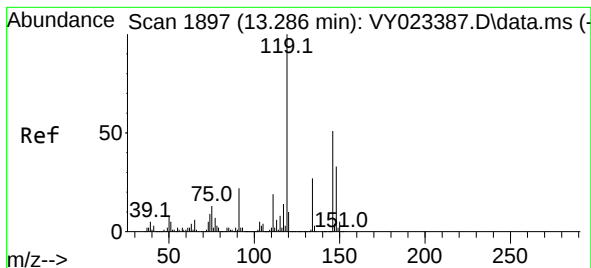
Tgt Ion:105 Resp: 69392
Ion Ratio Lower Upper
105 100
120 47.7 23.8 71.2



#85
sec-Butylbenzene
Concen: 6.203 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion:105 Resp: 11427
Ion Ratio Lower Upper
105 100
134 22.6 10.7 32.1





#86

p-Isopropyltoluene

Concen: 6.044 ug/l

RT: 13.237 min Scan# 1889

Delta R.T. -0.049 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP

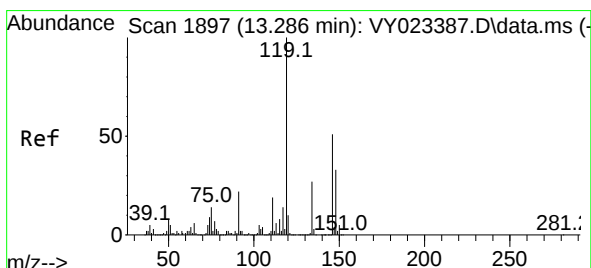
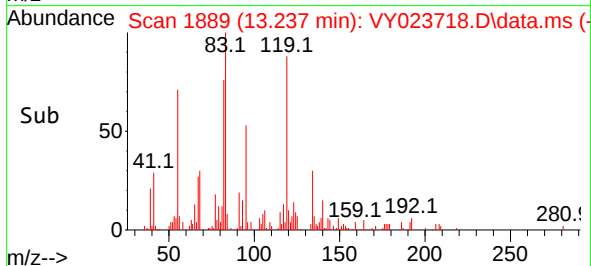
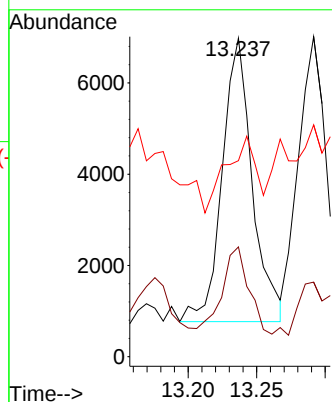
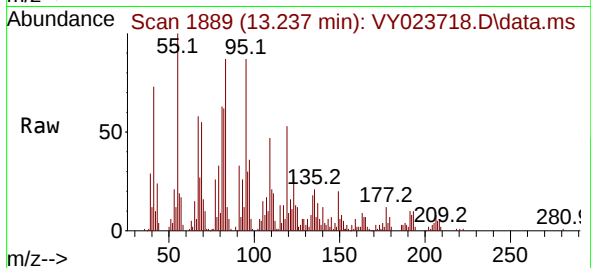
Tgt Ion:119 Resp: 9480

Ion Ratio Lower Upper

119 100

134 34.2 13.6 40.7

91 28.3 10.9 32.9



#87

1,3-Dichlorobenzene

Concen: 1.023 ug/l

RT: 13.279 min Scan# 1896

Delta R.T. -0.006 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

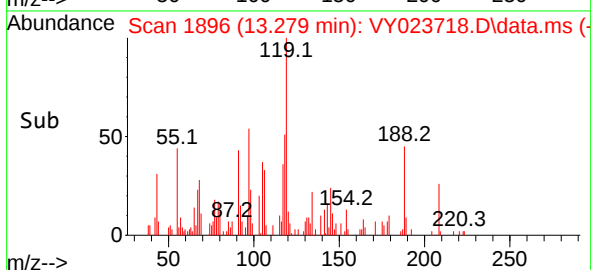
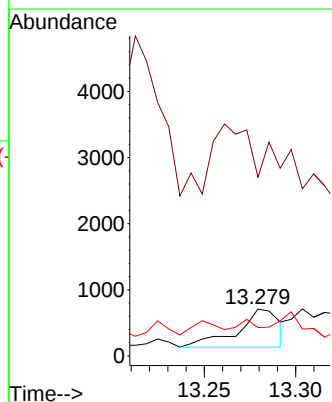
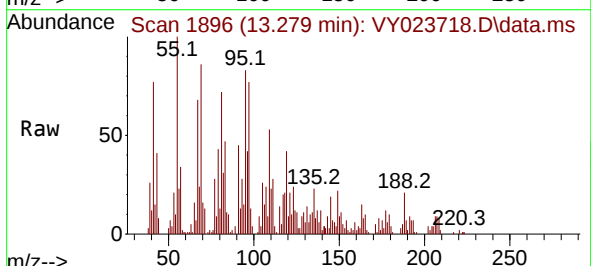
Tgt Ion:146 Resp: 912

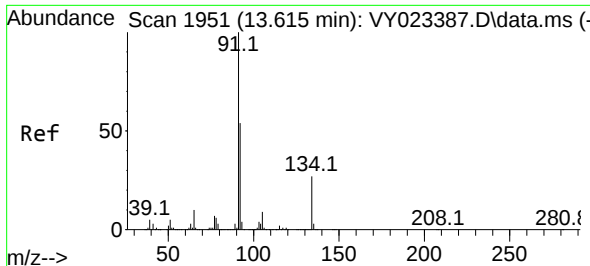
Ion Ratio Lower Upper

146 100

111 0.0 18.7 56.1#

148 0.0 31.9 95.9#





#89

n-Butylbenzene

Concen: 3.321 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.000 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP

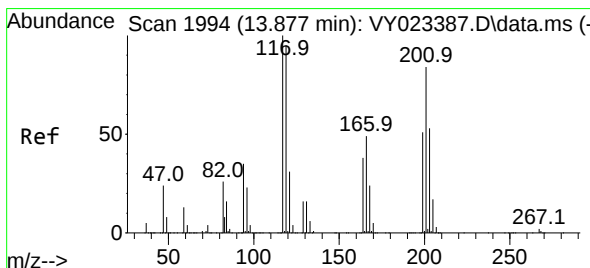
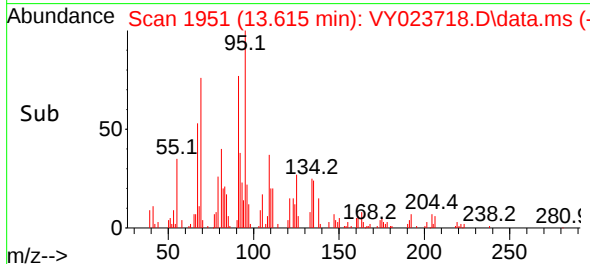
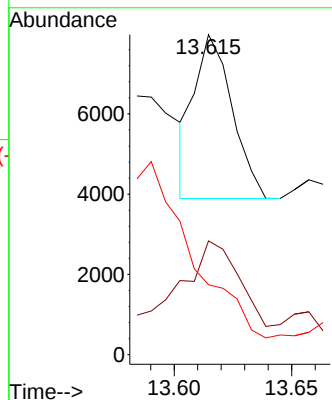
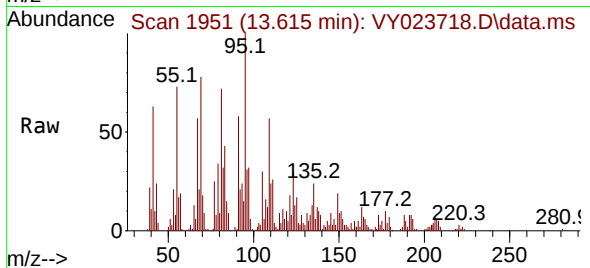
Tgt Ion: 91 Resp: 4539

Ion Ratio Lower Upper

91 100

92 78.3 27.0 80.8

134 0.0 14.1 42.2#



#90

Hexachloroethane

Concen: 2.022 ug/l

RT: 13.651 min Scan# 1957

Delta R.T. -0.226 min

Lab File: VY023718.D

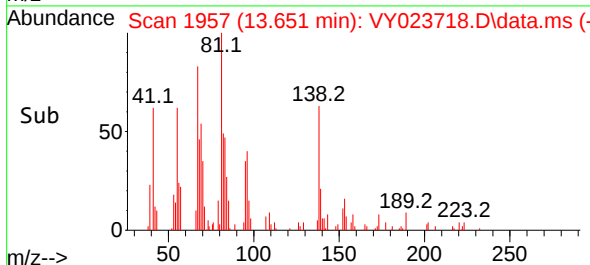
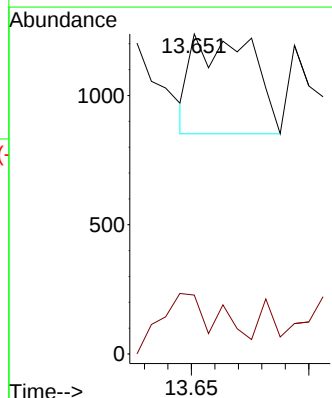
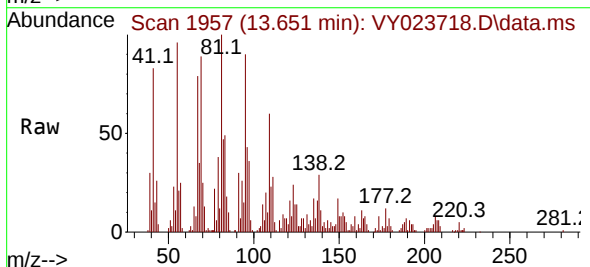
Acq: 10 Nov 2025 16:37

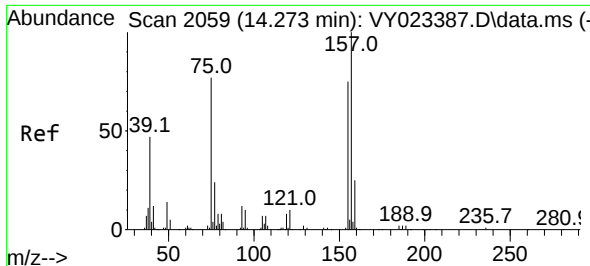
Tgt Ion: 117 Resp: 682

Ion Ratio Lower Upper

117 100

201 61.3 43.8 131.4





#92

1,2-Dibromo-3-Chloropropane

Concen: 2.987 ug/l

RT: 14.371 min Scan# 2059

Delta R.T. 0.097 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP

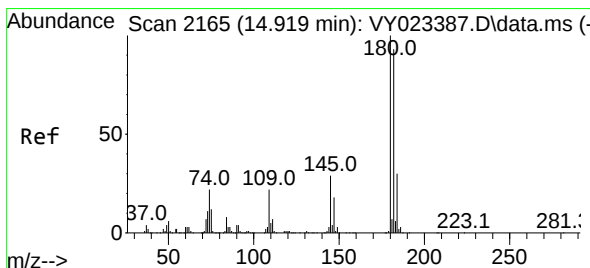
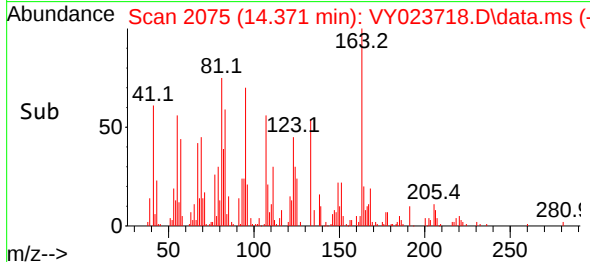
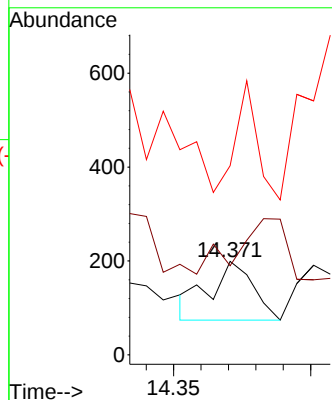
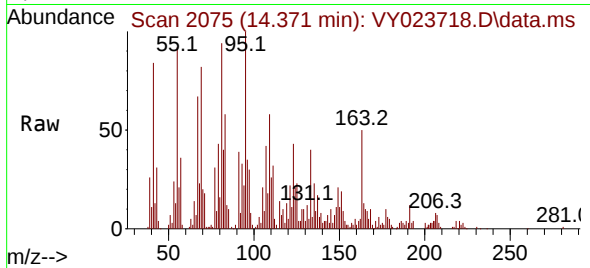
Tgt Ion: 75 Resp: 138

Ion Ratio Lower Upper

75 100

155 119.6 50.0 150.0

157 100.0 63.8 191.5



#93

1,2,4-Trichlorobenzene

Concen: 1.624 ug/l

RT: 14.925 min Scan# 2166

Delta R.T. 0.006 min

Lab File: VY023718.D

Acq: 10 Nov 2025 16:37

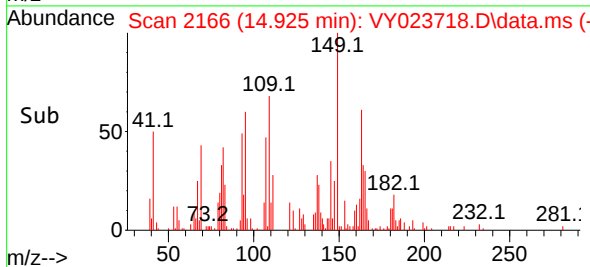
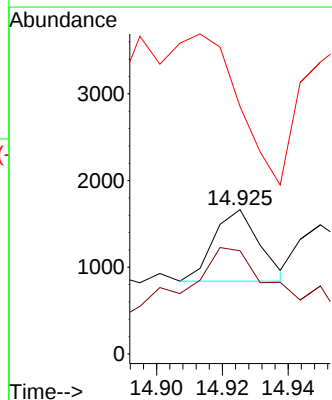
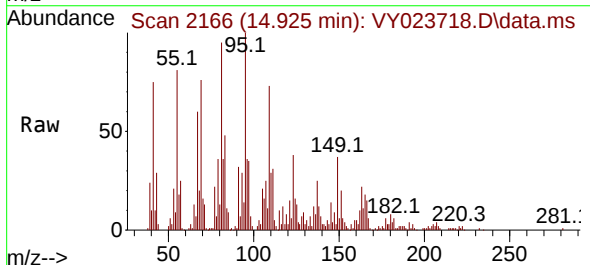
Tgt Ion:180 Resp: 791

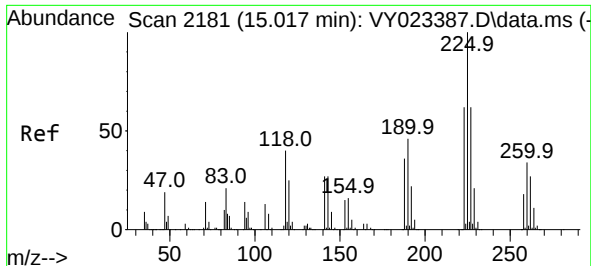
Ion Ratio Lower Upper

180 100

182 214.4 47.9 143.6#

145 1086.9 14.7 44.1#

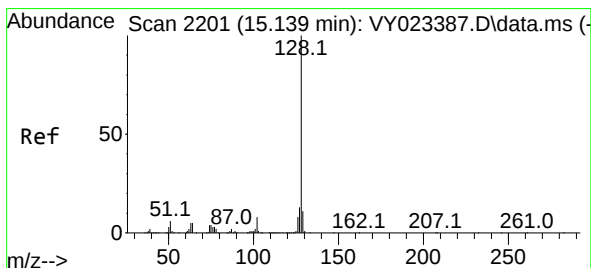
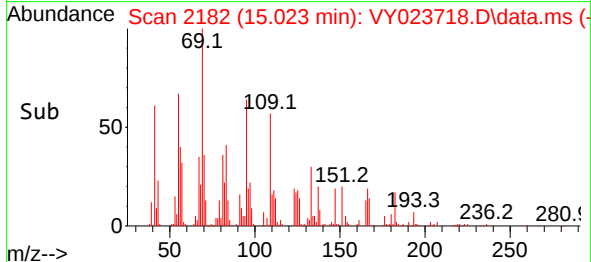
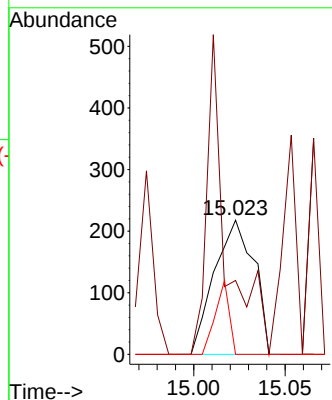
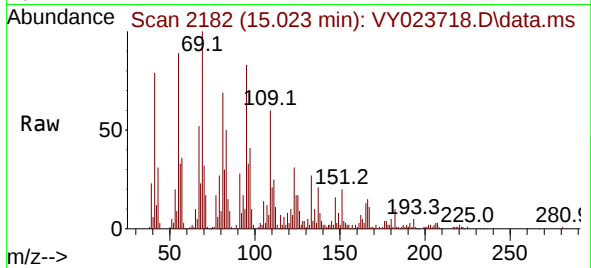




#94
Hexachlorobutadiene
Concen: 1.084 ug/l
RT: 15.023 min Scan# 2182
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

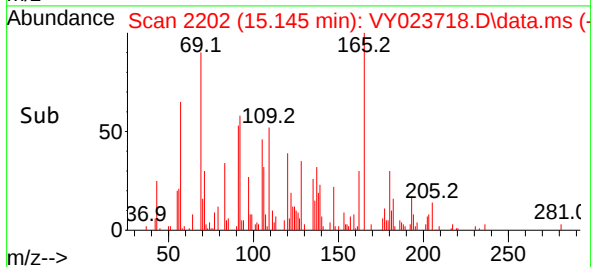
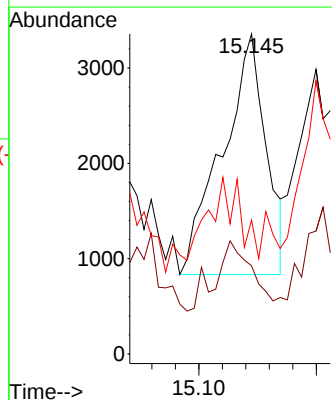
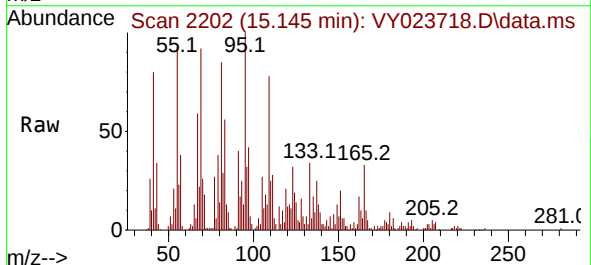
Instrument :
MSVOA_Y
ClientSampleId :
B-LAW-25-0167-0175-COMP

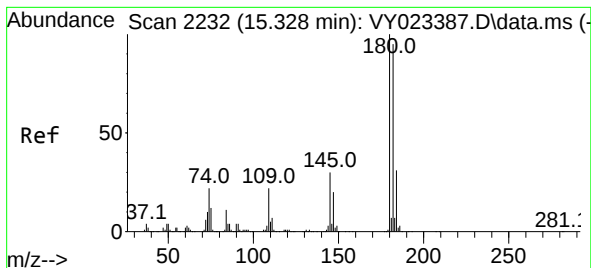
Tgt Ion:225 Resp: 329
Ion Ratio Lower Upper
225 100
223 117.3 30.8 92.3#
227 19.1 31.9 95.7#



#95
Naphthalene
Concen: 8.414 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY023718.D
Acq: 10 Nov 2025 16:37

Tgt Ion:128 Resp: 6526
Ion Ratio Lower Upper
128 100
127 0.0 10.4 15.6#
129 4.8 8.9 13.3#





#96

1,2,3-Trichlorobenzene

Concen: 29.632 ug/l

RT: 15.346 min Scan# 21

Delta R.T. 0.018 min

Lab File: VY023718.D

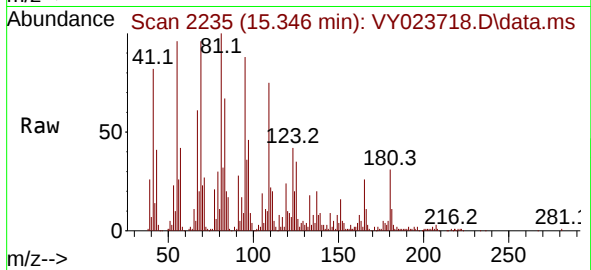
Acq: 10 Nov 2025 16:37

Instrument :

MSVOA_Y

ClientSampleId :

B-LAW-25-0167-0175-COMP



Tgt Ion:180 Resp: 12501

Ion Ratio Lower Upper

180 100

182 0.0 47.9 143.8#

145 50.0 15.3 45.9#

