

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
 Data File : VY023717.D
 Acq On : 10 Nov 2025 16:14
 Operator : SY/MD
 Sample : Q3593-05
 Misc : 5.61g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 7 Sample Multiplier: 1

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

Quant Time: Nov 11 02:08:37 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	204413	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.616	114	353046	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	170922	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	30280	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	157177	91.952	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 183.900%#	
35) Dibromofluoromethane	7.634	113	153191	70.618	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 141.240%	
50) Toluene-d8	10.109	98	281375	34.829	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 69.660%	
62) 4-Bromofluorobenzene	12.408	95	48269	18.097	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 36.200%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.860	59	38265	300.910	ug/l	100
15) Acrylonitrile	5.104	53	558	1.539	ug/l #	34
16) Acetone	3.866	43	1964	4.826	ug/l #	86
19) Methyl tert-butyl Ether	5.116	73	70797	16.155	ug/l	99
20) Methylene Chloride	4.628	84	8603	3.910	ug/l	95
31) Cyclohexane	7.701	56	7706	2.710	ug/l #	54
36) 1,1-Dichloropropene	7.713	75	14455	5.033	ug/l #	47
39) Methylcyclohexane	9.109	83	8252	2.207	ug/l #	83
43) Isopropyl Acetate	8.183	43	2976	1.312	ug/l #	56
52) Toluene	10.170	92	30308	5.132	ug/l	95
55) 1,1,2-Trichloroethane	10.548	97	5549	3.248	ug/l #	20
59) 2-Hexanone	10.731	43	3779	4.511	ug/l #	20
67) Ethyl Benzene	11.524	91	73850	12.273	ug/l	99
68) m/p-Xylenes	11.627	106	174714	72.388	ug/l	96
69) o-Xylene	11.956	106	59717	26.378	ug/l	95
70) Styrene	11.962	104	5485	1.473	ug/l #	1
73) Isopropylbenzene	12.255	105	13240	6.635	ug/l	75
74) N-amyl acetate	12.048	43	2814	7.851	ug/l #	48
75) 1,1,2,2-Tetrachloroethane	12.462	83	737	2.258	ug/l #	75
76) 1,2,3-Trichloropropane	12.408	75	24435	91.465	ug/l #	100
78) n-propylbenzene	12.597	91	8724	3.778	ug/l	95
79) 2-Chlorotoluene	12.657	91	3634	2.687	ug/l #	38
80) 1,3,5-Trimethylbenzene	12.737	105	12292	7.623	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.408	75	24435	224.290	ug/l #	16
84) 1,2,4-Trimethylbenzene	13.042	105	41846	26.003	ug/l	98
85) sec-Butylbenzene	13.176	105	6790	3.179	ug/l	80
86) p-Isopropyltoluene	13.292	119	5892	3.240	ug/l	95
89) n-Butylbenzene	13.621	91	5450	3.440	ug/l #	82
90) Hexachloroethane	13.889	117	1611	4.119	ug/l #	9
92) 1,2-Dibromo-3-Chloropr...	14.255	75	148	2.764	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.919	180	2076	3.677	ug/l #	1
94) Hexachlorobutadiene	15.029	225	412	1.171	ug/l	86
95) Naphthalene	15.145	128	8475	9.426	ug/l #	78
96) 1,2,3-Trichlorobenzene	15.346	180	12103	24.747	ug/l #	29

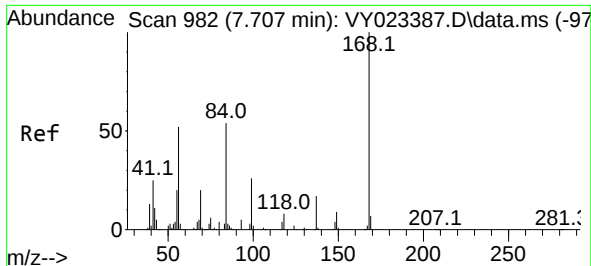
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111025\
Data File : VY023717.D
Acq On : 10 Nov 2025 16:14
Operator : SY/MD
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Quant Title : SW846 8260
QLast Update : Wed Oct 08 05:12:50 2025
Response via : Initial Calibration

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

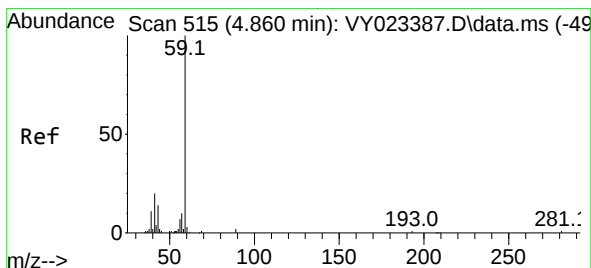
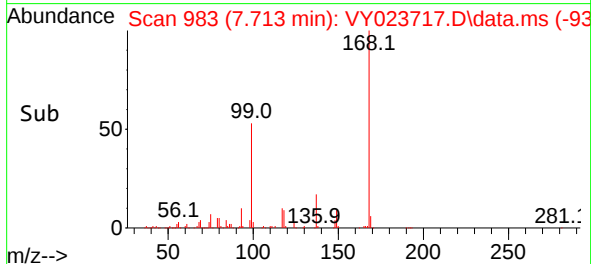
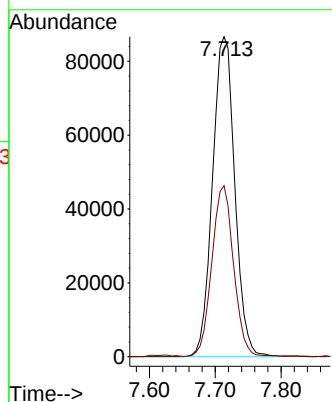
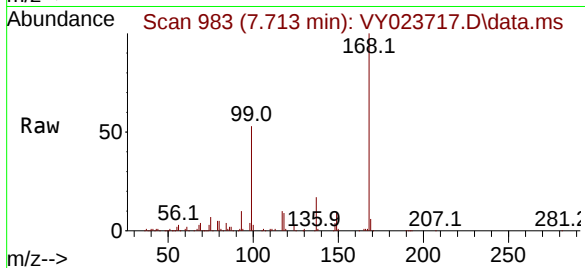
(#)=qualifier out of range (m)=manual integration (+)=signals summed						



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

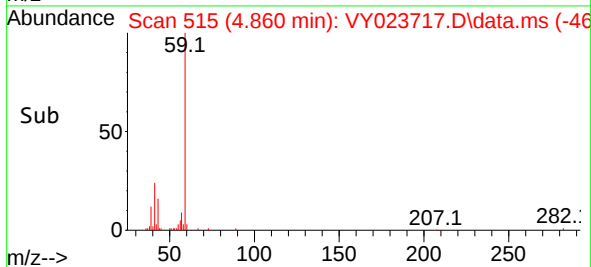
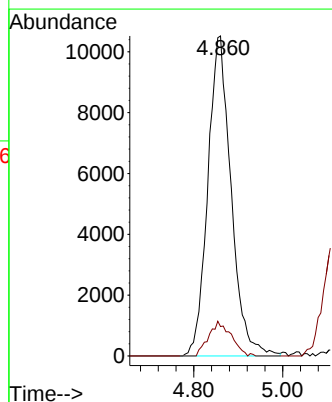
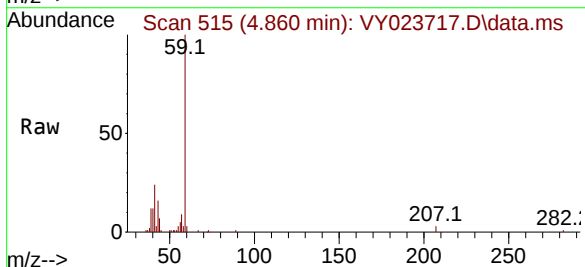
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

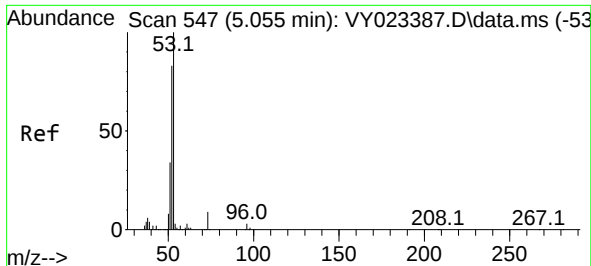
Tgt Ion:168 Resp: 204413
Ion Ratio Lower Upper
168 100
99 53.3 39.7 59.5



#11
Tert butyl alcohol
Concen: 300.910 ug/l
RT: 4.860 min Scan# 515
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 59 Resp: 38265
Ion Ratio Lower Upper
59 100
57 10.3 8.3 12.5

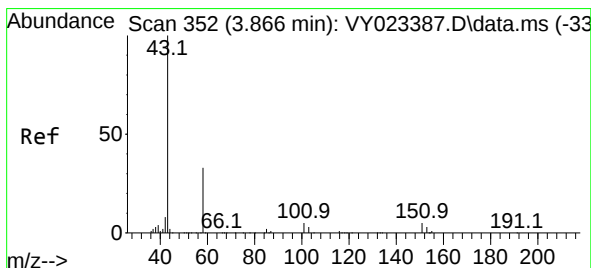
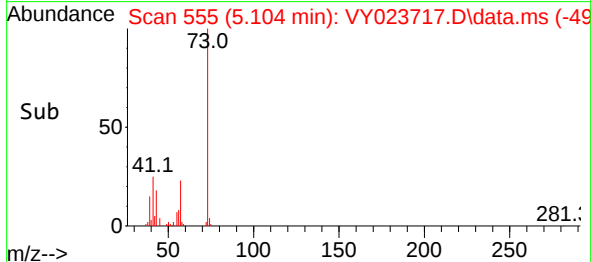
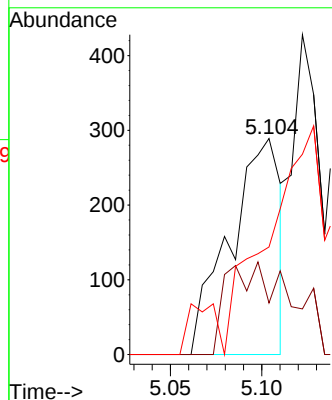
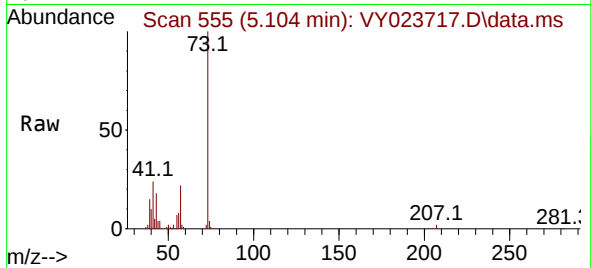




#15
Acrylonitrile
Concen: 1.539 ug/l
RT: 5.104 min Scan# 511
Delta R.T. 0.049 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

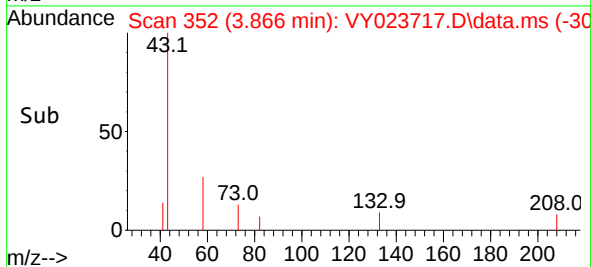
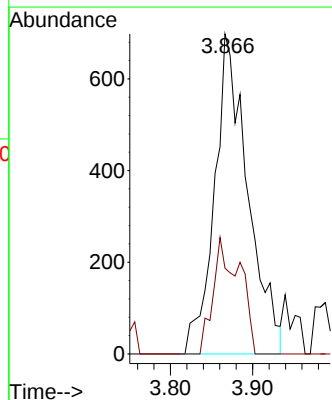
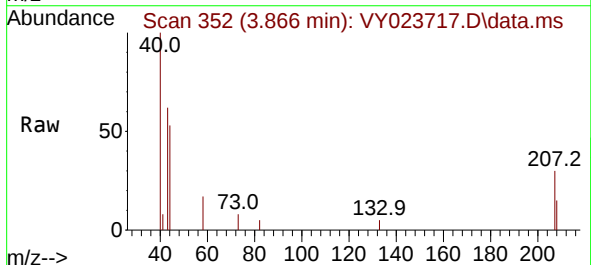
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

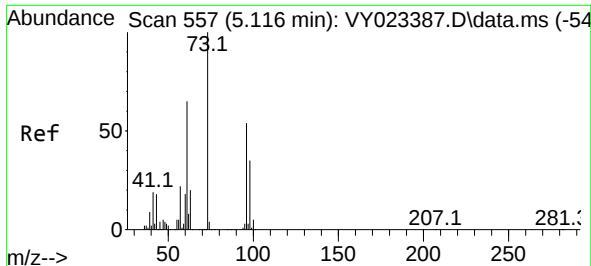
Tgt Ion: 53 Resp: 558
Ion Ratio Lower Upper
53 100
52 20.4 64.6 97.0#
51 0.0 29.5 44.3#



#16
Acetone
Concen: 4.826 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 43 Resp: 1964
Ion Ratio Lower Upper
43 100
58 26.8 27.7 41.5#

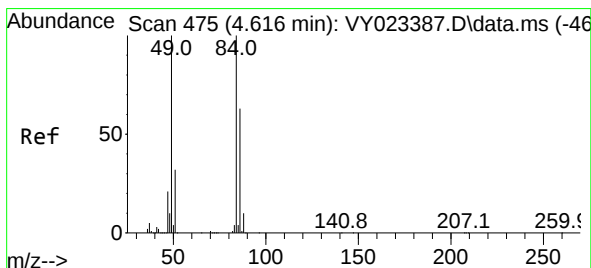
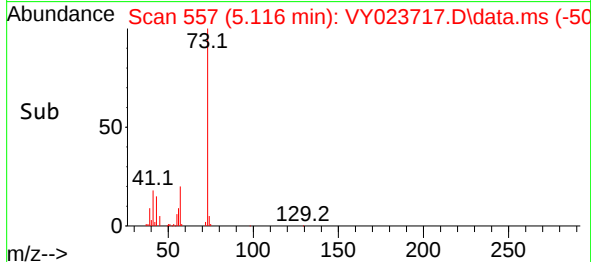
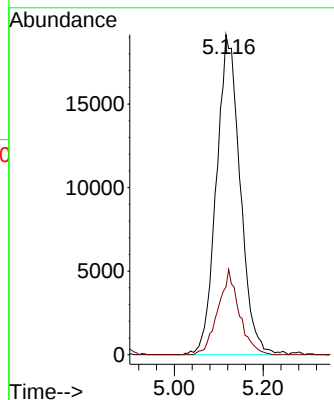
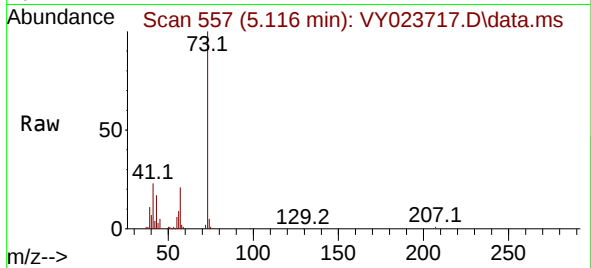




#19
Methyl tert-butyl Ether
Concen: 16.155 ug/l
RT: 5.116 min Scan# 51
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

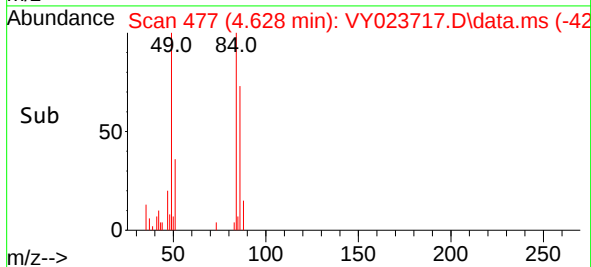
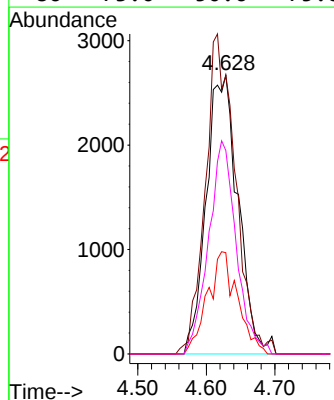
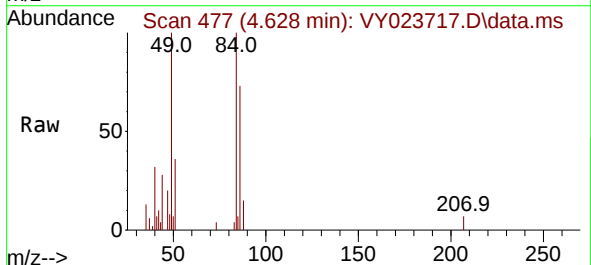
Instrument :
MSVOA_Y
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A-LAW-25-0167-0175-COMP

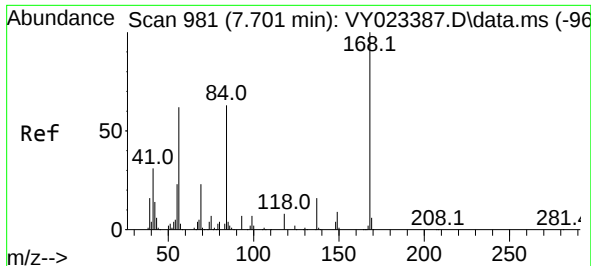
Tgt Ion: 73 Resp: 70797
Ion Ratio Lower Upper
73 100
57 21.2 17.4 26.0



#20
Methylene Chloride
Concen: 3.910 ug/l
RT: 4.628 min Scan# 477
Delta R.T. 0.012 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 84 Resp: 8603
Ion Ratio Lower Upper
84 100
49 100.0 80.2 120.4
51 36.3 25.9 38.9
86 73.0 50.6 75.8

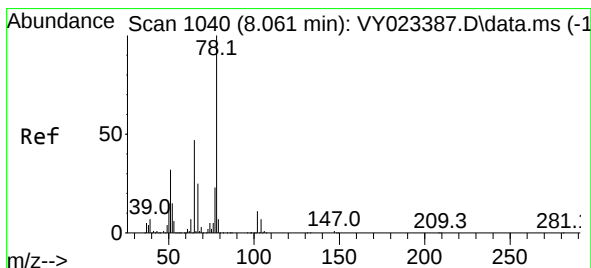
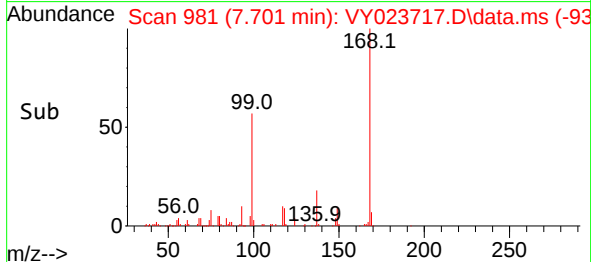
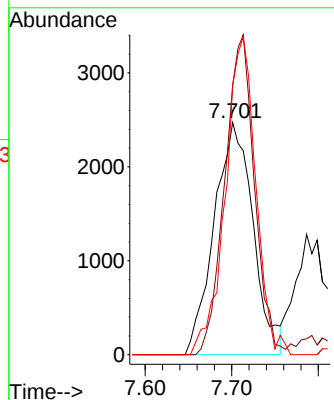
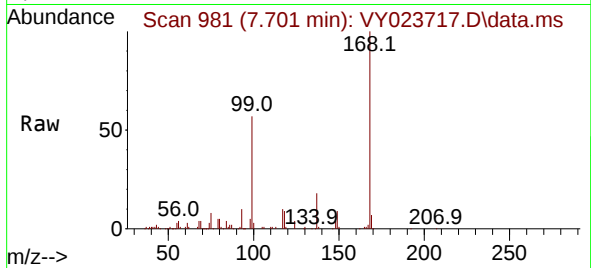




#31
Cyclohexane
Concen: 2.710 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

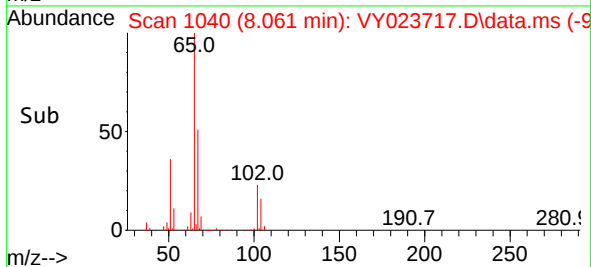
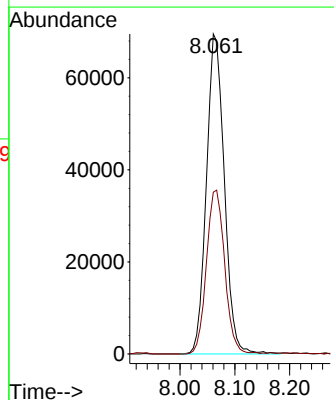
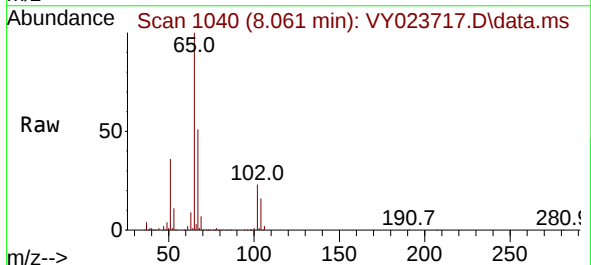
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

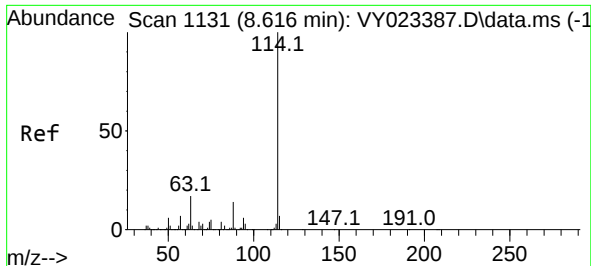
Tgt Ion: 56 Resp: 7706
Ion Ratio Lower Upper
56 100
69 116.2 30.0 45.0#
84 115.9 81.2 121.8



#33
1,2-Dichloroethane-d4
Concen: 91.952 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 65 Resp: 157177
Ion Ratio Lower Upper
65 100
67 52.4 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: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A-LAW-25-0167-0175-COMP

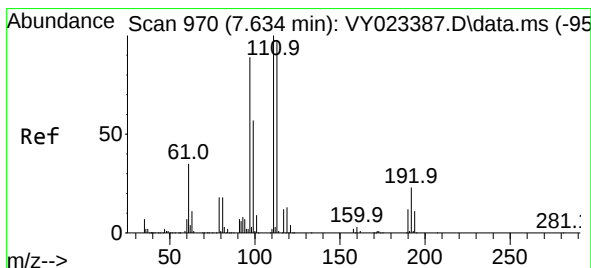
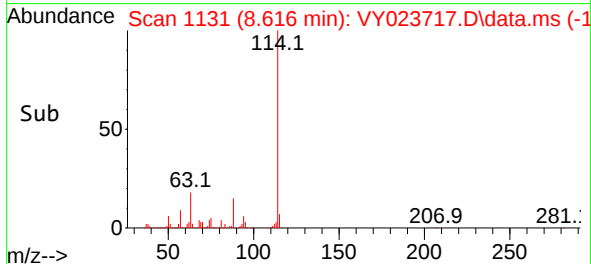
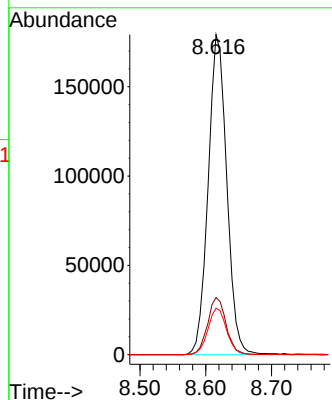
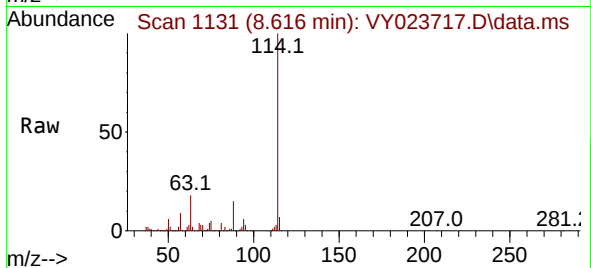
Tgt Ion:114 Resp: 353046

Ion Ratio Lower Upper

114 100

63 17.9 0.0 34.2

88 14.6 0.0 28.4



#35

Dibromofluoromethane

Concen: 70.618 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.000 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

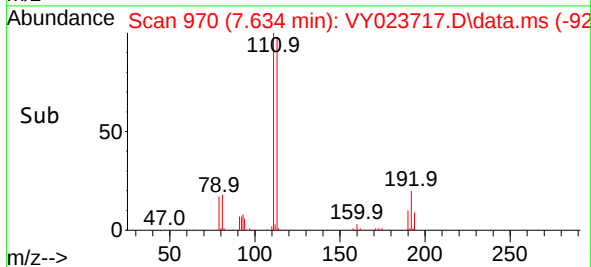
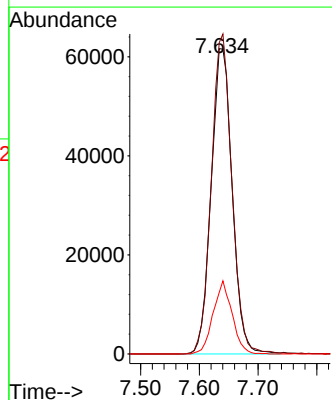
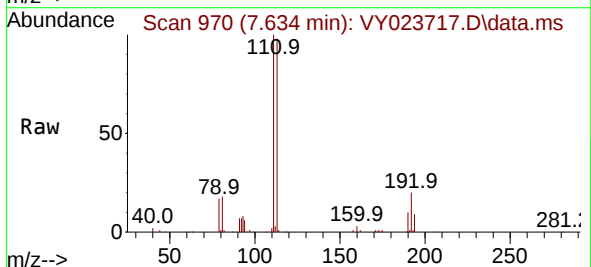
Tgt Ion:113 Resp: 153191

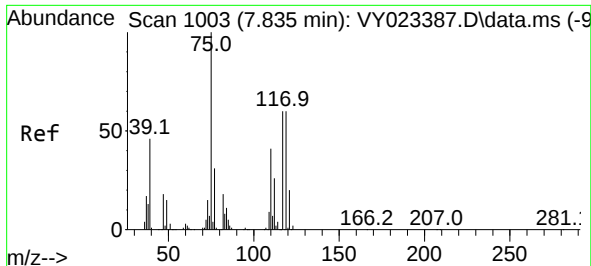
Ion Ratio Lower Upper

113 100

111 102.6 81.8 122.6

192 21.6 18.0 27.0





#36

1,1-Dichloropropene

Concen: 5.033 ug/l

RT: 7.713 min Scan# 91

Delta R.T. -0.122 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

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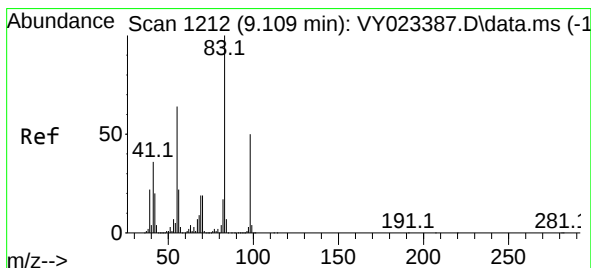
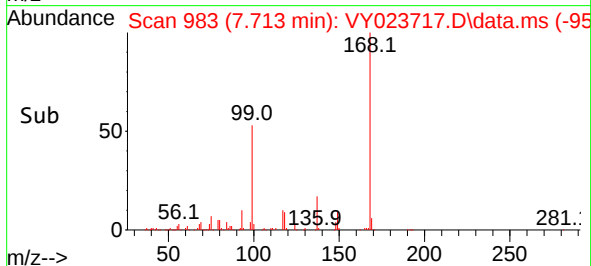
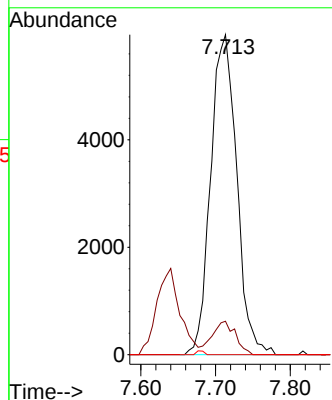
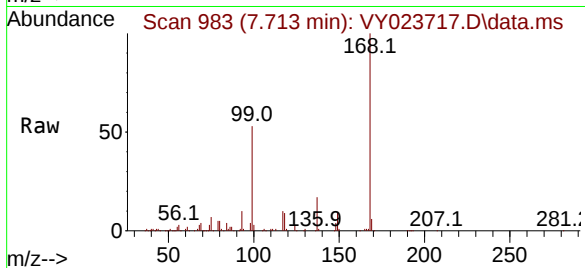
Tgt Ion: 75 Resp: 14455

Ion Ratio Lower Upper

75 100

110 9.5 19.9 59.7#

77 0.0 25.0 37.6#



#39

Methylcyclohexane

Concen: 2.207 ug/l

RT: 9.109 min Scan# 1212

Delta R.T. -0.000 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

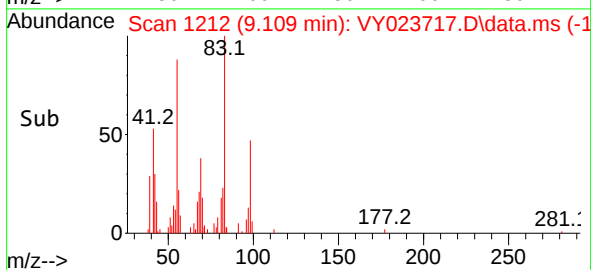
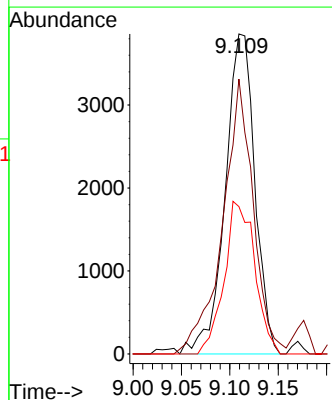
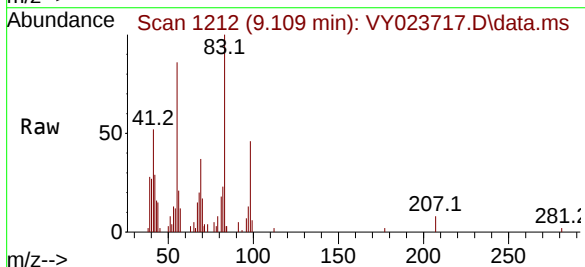
Tgt Ion: 83 Resp: 8252

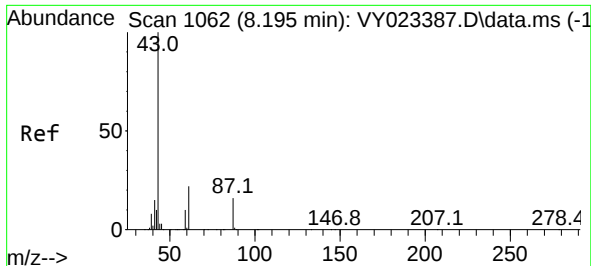
Ion Ratio Lower Upper

83 100

55 84.4 51.4 77.2#

98 46.0 40.4 60.6

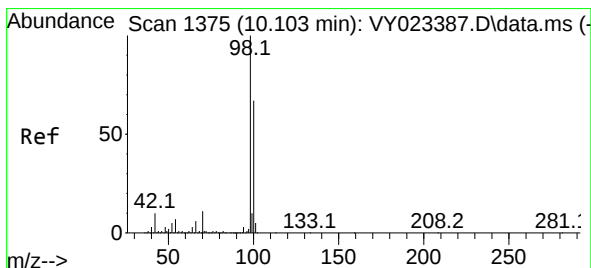
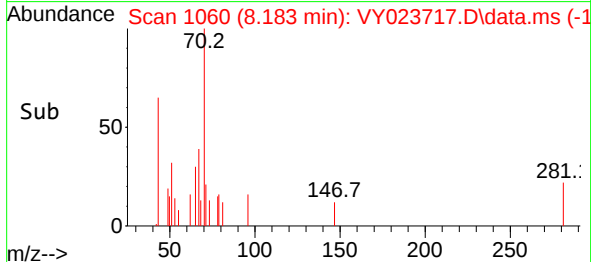
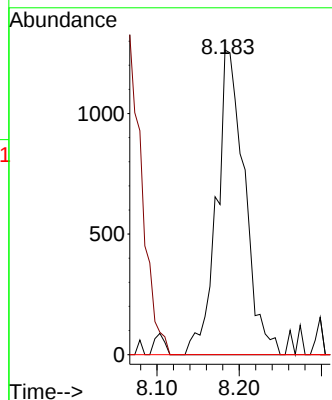
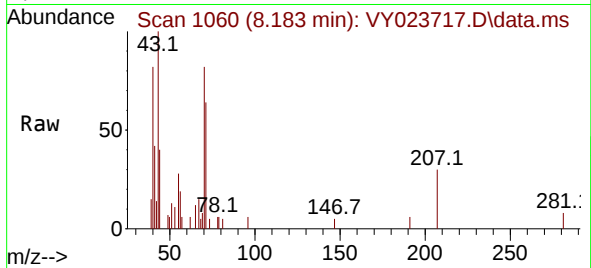




#43
Isopropyl Acetate
Concen: 1.312 ug/l
RT: 8.183 min Scan# 1060
Delta R.T. -0.012 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

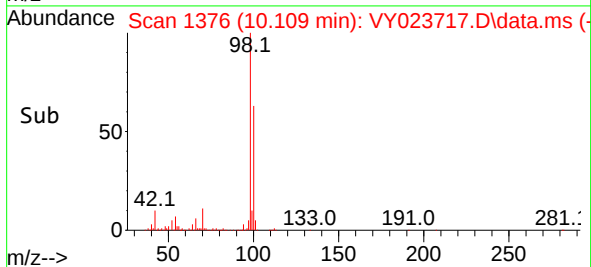
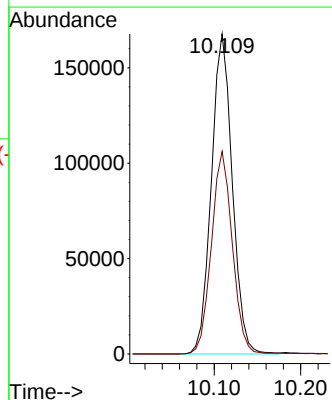
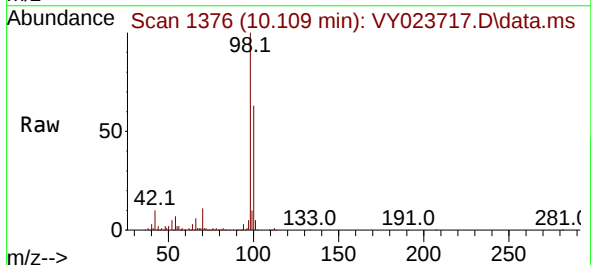
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

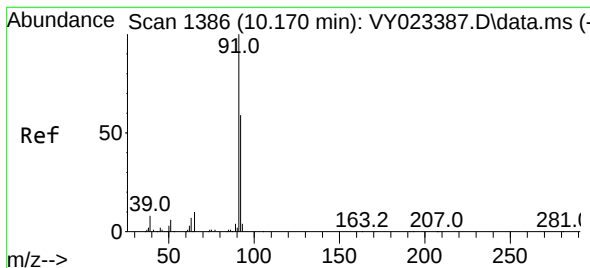
Tgt Ion: 43 Resp: 2976
Ion Ratio Lower Upper
43 100
61 0.0 18.1 27.1#
87 0.0 13.5 20.3#



#50
Toluene-d8
Concen: 34.829 ug/l
RT: 10.109 min Scan# 1376
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 98 Resp: 281375
Ion Ratio Lower Upper
98 100
100 63.3 53.0 79.4





#52

Toluene

Concen: 5.132 ug/l

RT: 10.170 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

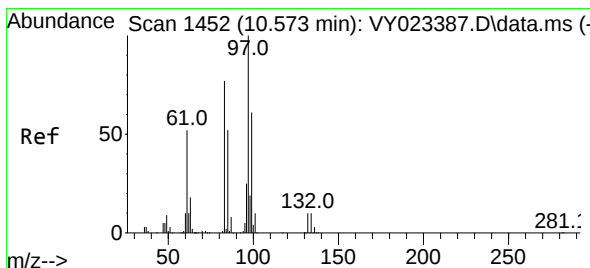
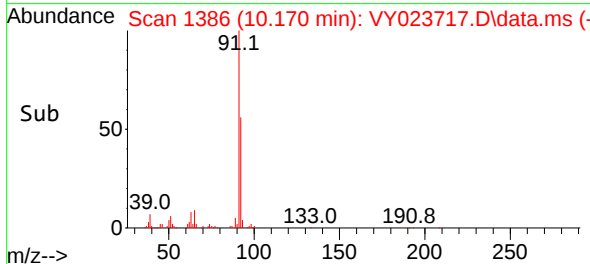
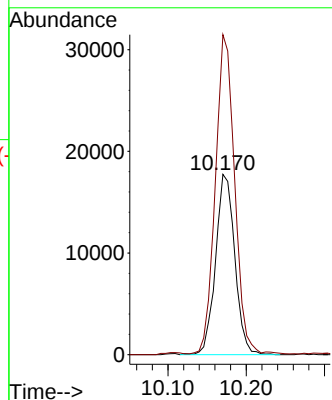
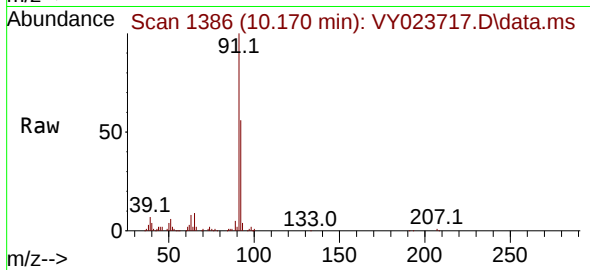
A-LAW-25-0167-0175-COMP

Tgt Ion: 92 Resp: 30308

Ion Ratio Lower Upper

92 100

91 177.2 136.4 204.6



#55

1,1,2-Trichloroethane

Concen: 3.248 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.024 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Tgt Ion: 97 Resp: 5549

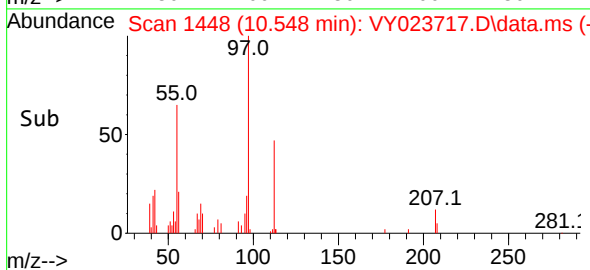
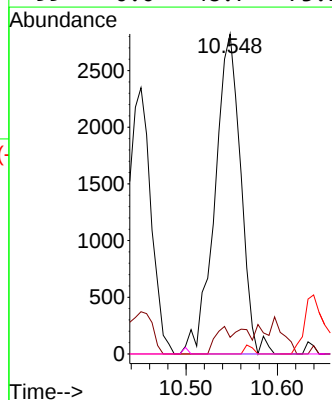
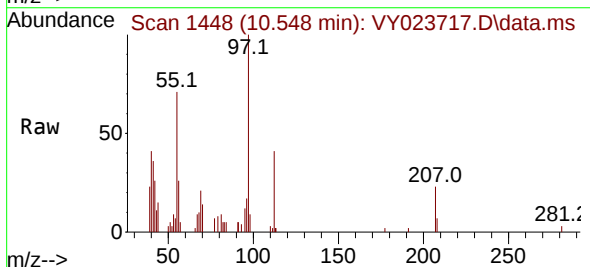
Ion Ratio Lower Upper

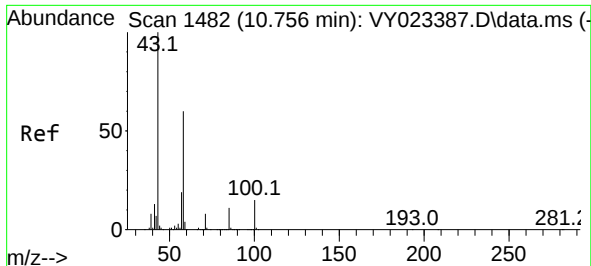
97 100

83 5.2 61.8 92.6#

85 0.0 41.3 61.9#

99 0.0 48.7 73.1#





#59

2-Hexanone

Concen: 4.511 ug/l

RT: 10.731 min Scan# 1482

Delta R.T. -0.024 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

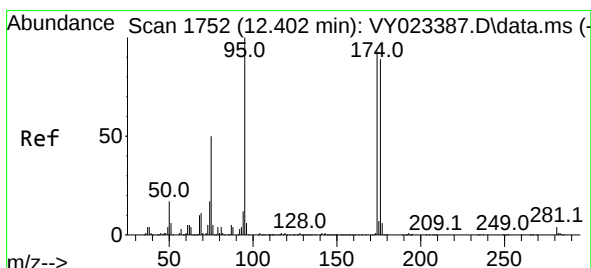
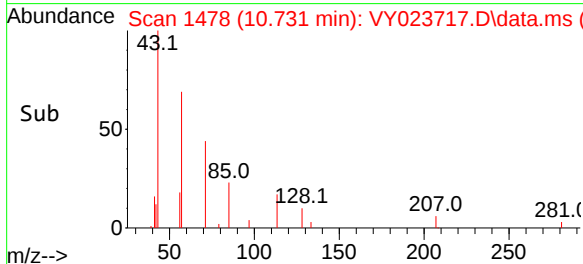
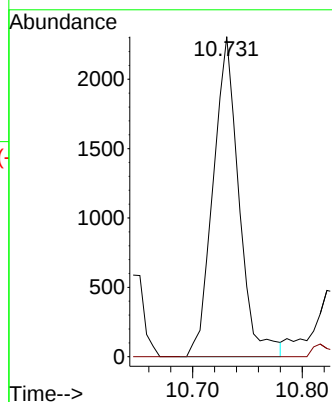
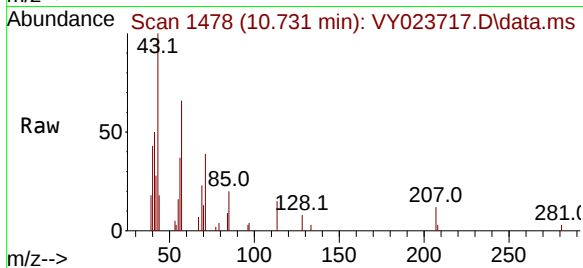
A-LAW-25-0167-0175-COMP

Tgt Ion: 43 Resp: 3779

Ion Ratio Lower Upper

43 100

58 0.0 30.5 91.5#



#62

4-Bromofluorobenzene

Concen: 18.097 ug/l

RT: 12.408 min Scan# 1753

Delta R.T. 0.006 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

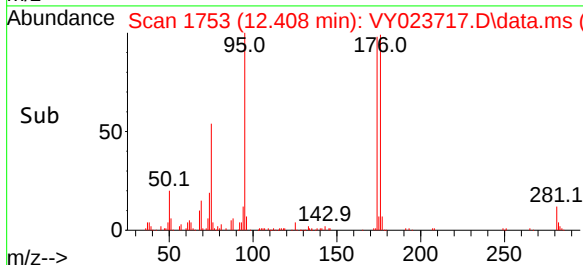
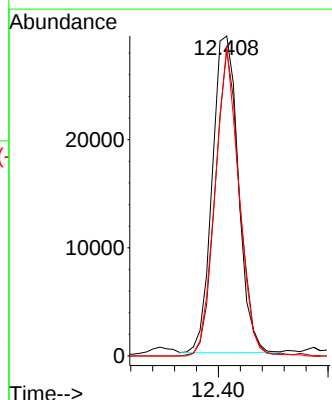
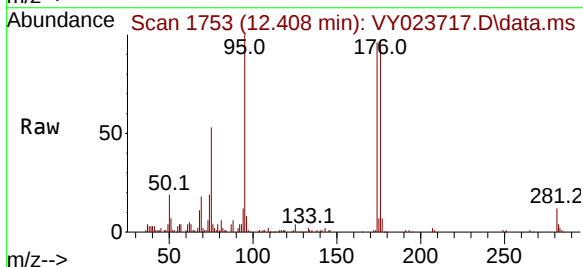
Tgt Ion: 95 Resp: 48269

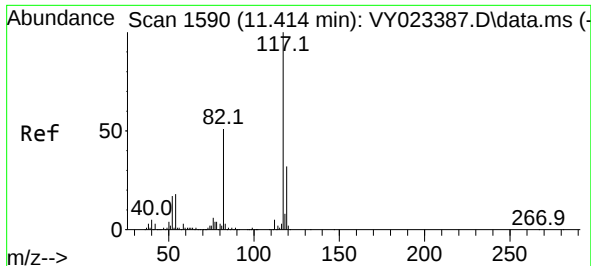
Ion Ratio Lower Upper

95 100

174 90.2 0.0 192.8

176 89.5 0.0 187.6

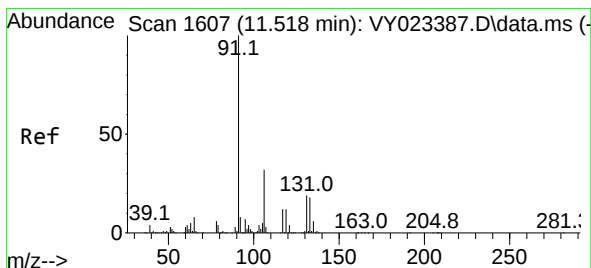
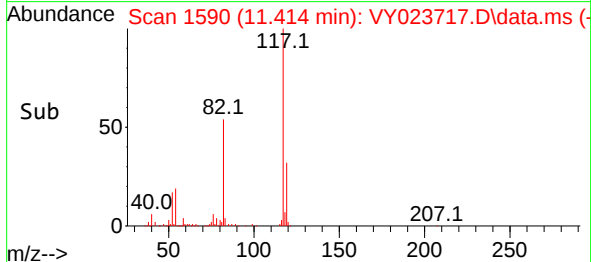
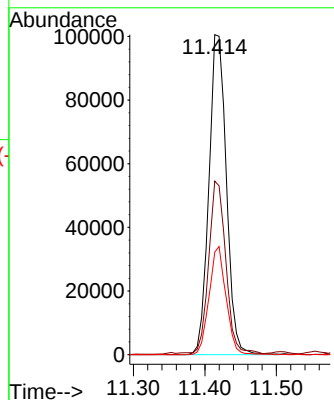
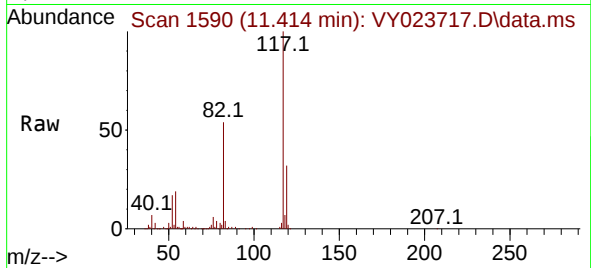




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

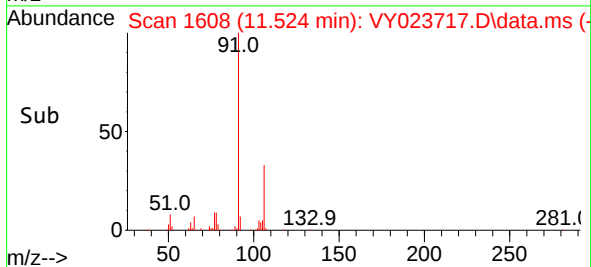
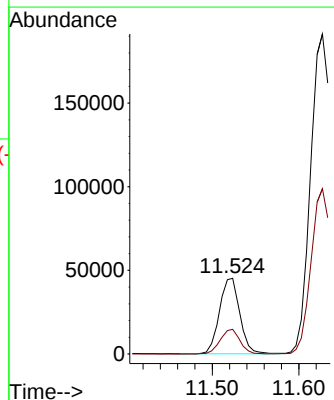
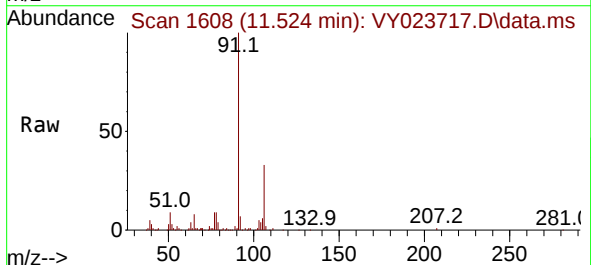
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

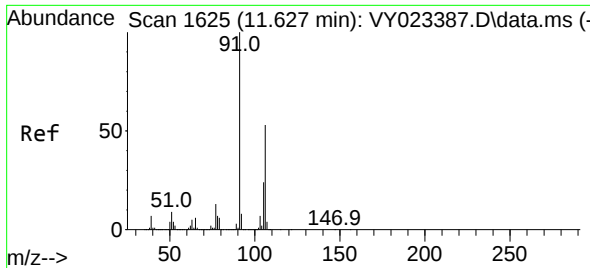
Tgt Ion:117 Resp: 170922
Ion Ratio Lower Upper
117 100
82 53.7 41.0 61.4
119 32.1 25.6 38.4



#67
Ethyl Benzene
Concen: 12.273 ug/l
RT: 11.524 min Scan# 1608
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 91 Resp: 73850
Ion Ratio Lower Upper
91 100
106 32.7 25.8 38.8

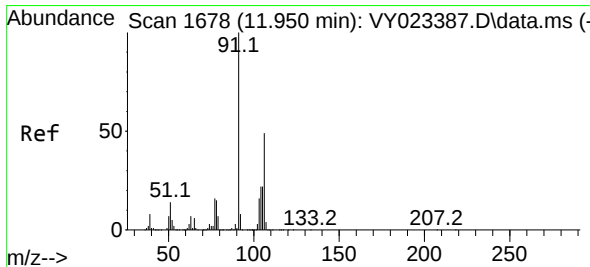
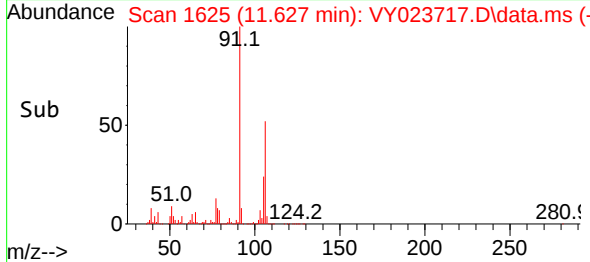
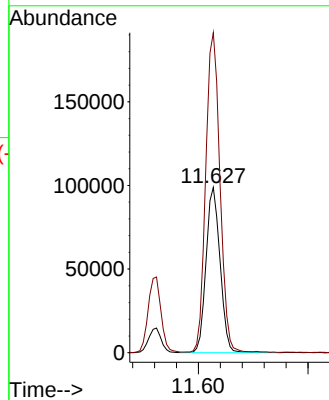
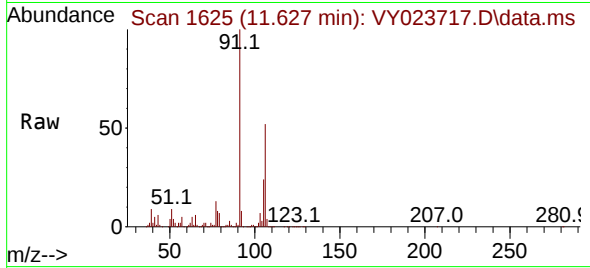




#68
m/p-Xylenes
Concen: 72.388 ug/l
RT: 11.627 min Scan# 1625
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

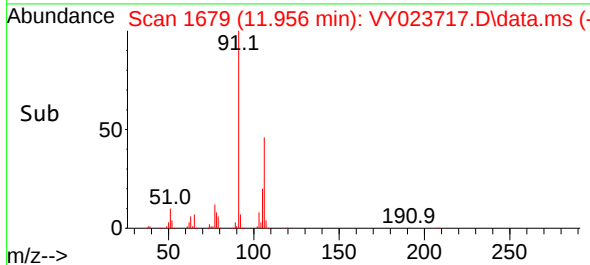
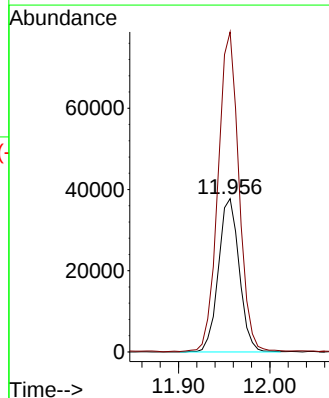
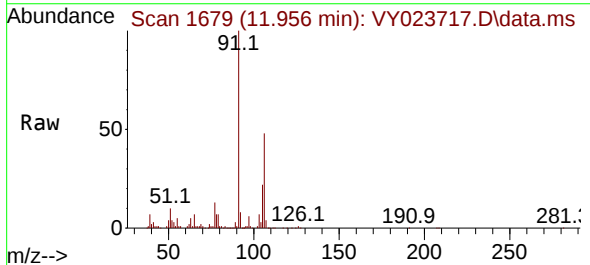
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

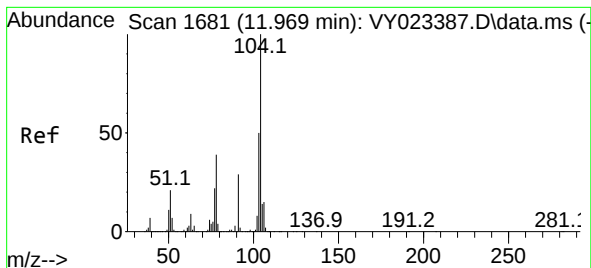
Tgt Ion:106 Resp: 174714
Ion Ratio Lower Upper
106 100
91 196.7 152.6 229.0



#69
o-Xylene
Concen: 26.378 ug/l
RT: 11.956 min Scan# 1679
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion:106 Resp: 59717
Ion Ratio Lower Upper
106 100
91 209.7 101.4 304.1





#70

Styrene

Concen: 1.473 ug/l

RT: 11.962 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

A-LAW-25-0167-0175-COMP

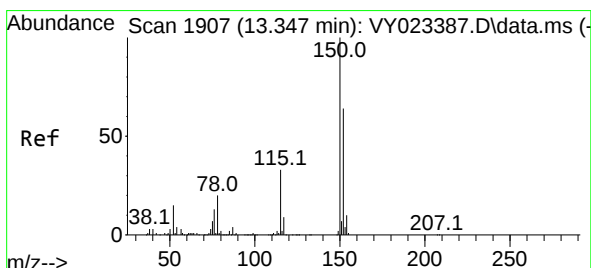
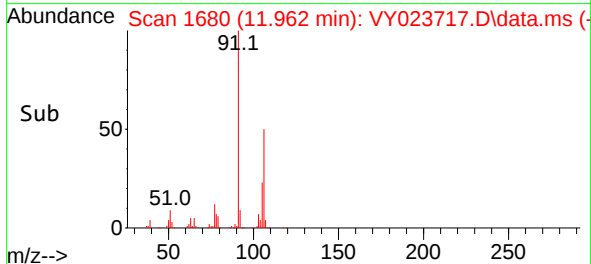
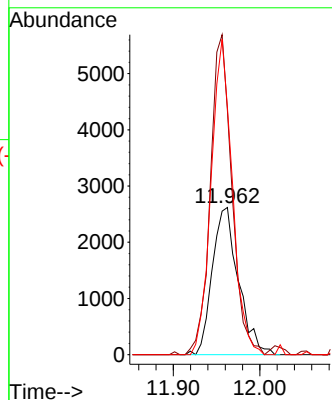
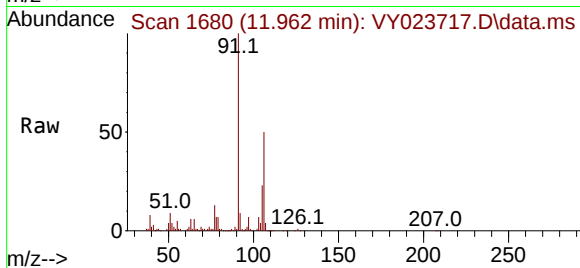
Tgt Ion:104 Resp: 5485

Ion Ratio Lower Upper

104 100

78 178.7 36.1 54.1#

103 174.4 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: VY023717.D

Acq: 10 Nov 2025 16:14

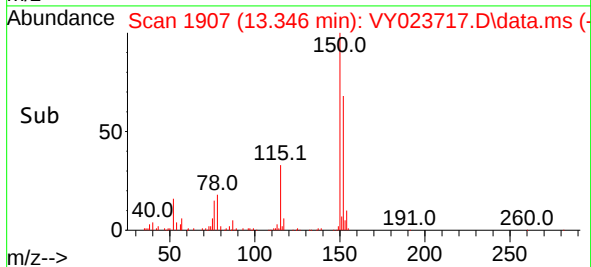
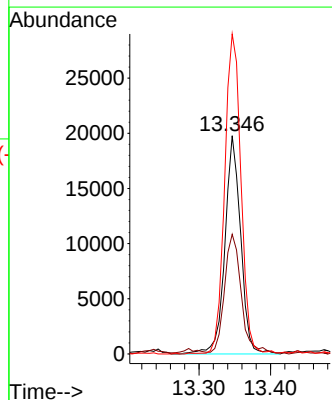
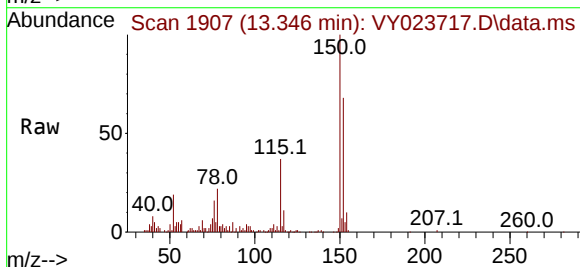
Tgt Ion:152 Resp: 30280

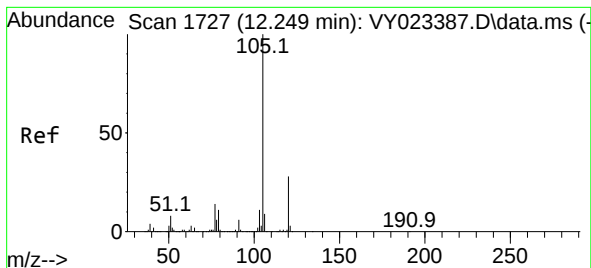
Ion Ratio Lower Upper

152 100

115 58.8 27.1 81.2

150 151.7 0.0 347.4





#73

Isopropylbenzene

Concen: 6.635 ug/l

RT: 12.255 min Scan# 1

Delta R.T. 0.006 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

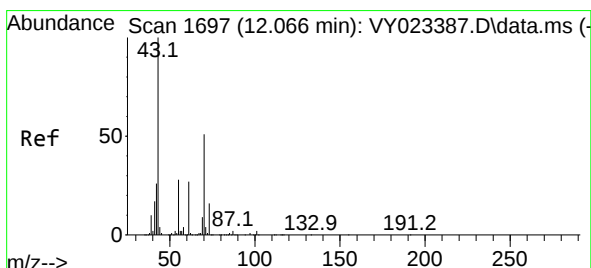
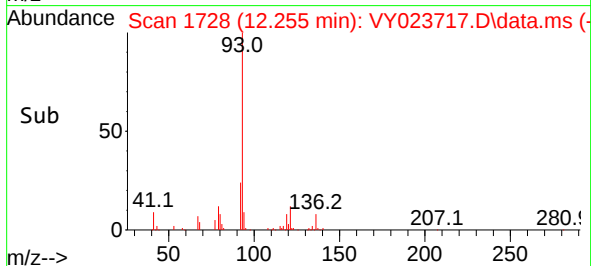
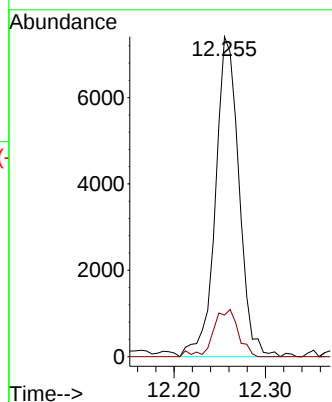
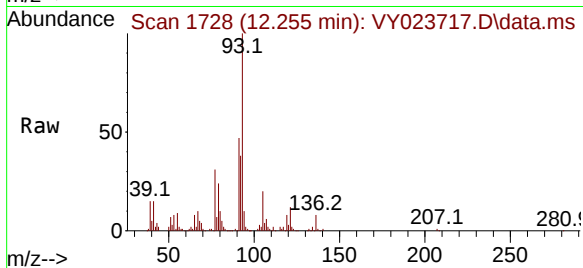
A-LAW-25-0167-0175-COMP

Tgt Ion:105 Resp: 13240

Ion Ratio Lower Upper

105 100

120 14.7 13.9 41.7



#74

N-ethyl acetate

Concen: 7.851 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.018 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Tgt Ion: 43 Resp: 2814

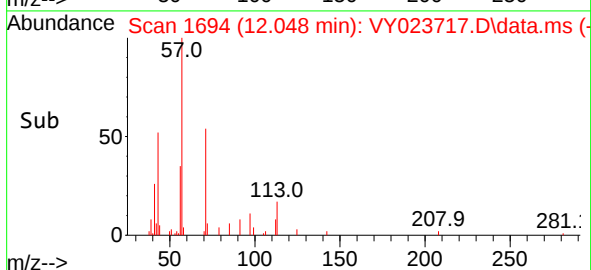
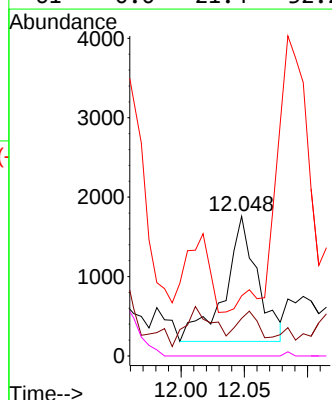
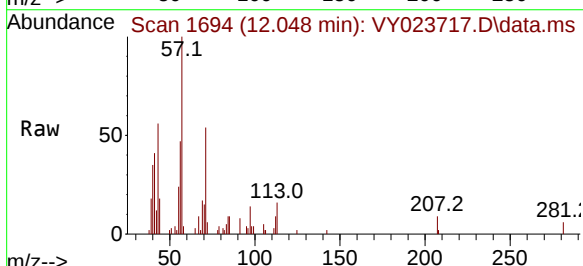
Ion Ratio Lower Upper

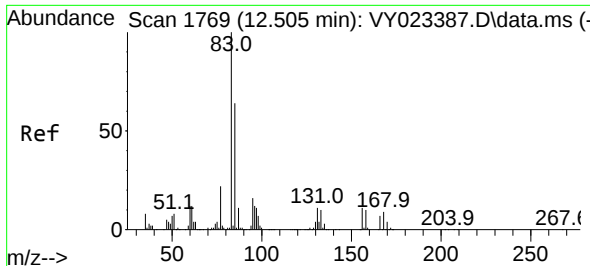
43 100

70 15.1 41.1 61.7#

55 0.0 23.0 34.6#

61 0.0 21.4 32.2#

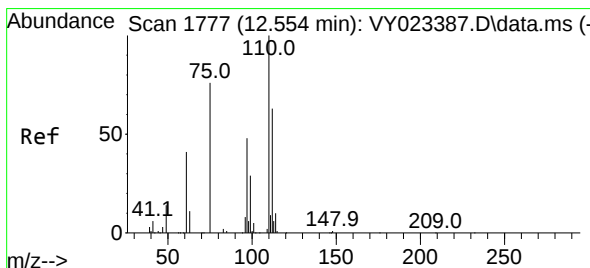
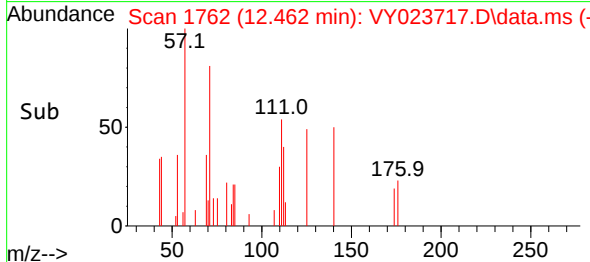
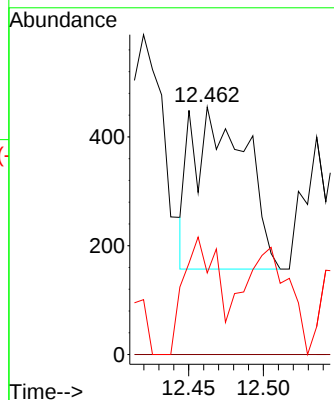
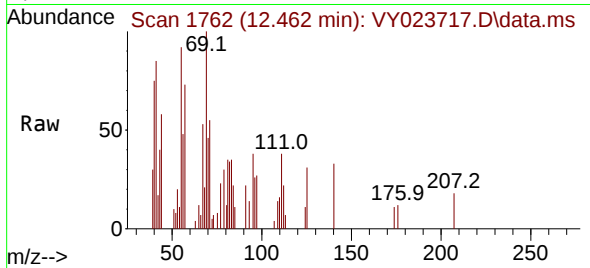




#75
1,1,2,2-Tetrachloroethane
Concen: 2.258 ug/l
RT: 12.462 min Scan# 1753
Delta R.T. -0.043 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

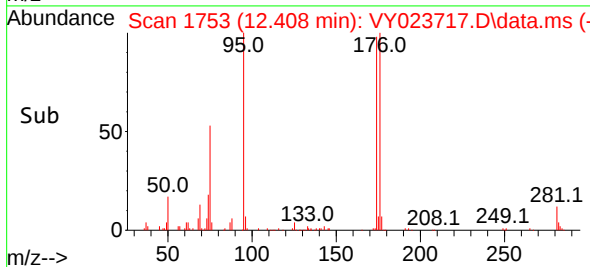
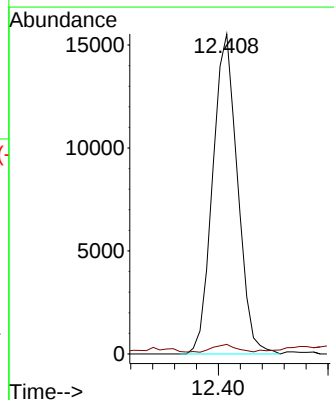
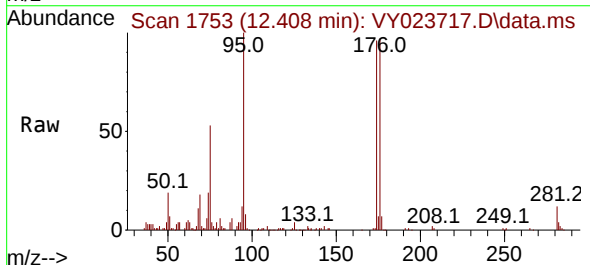
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

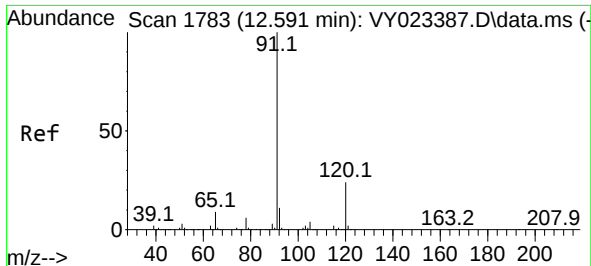
Tgt Ion: 83 Resp: 737
Ion Ratio Lower Upper
83 100
131 0.0 5.9 17.6#
85 45.2 31.8 95.3



#76
1,2,3-Trichloropropane
Concen: 91.465 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. -0.146 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 75 Resp: 24435
Ion Ratio Lower Upper
75 100
77 2.2 0.0 0.0#

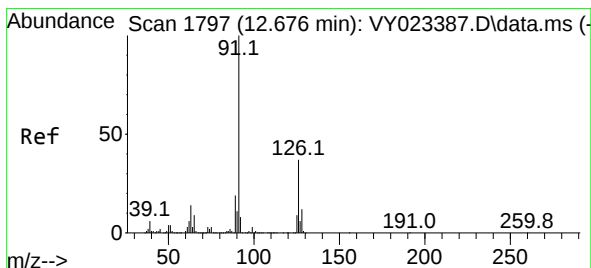
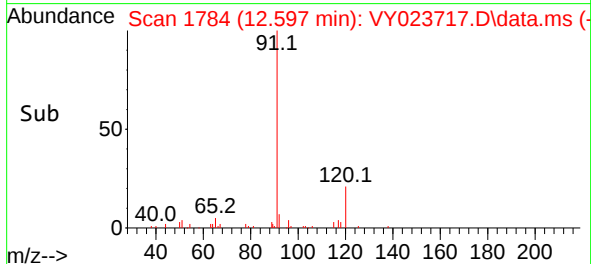
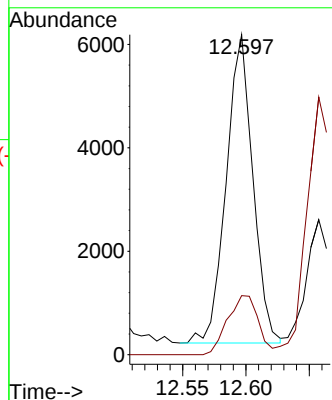
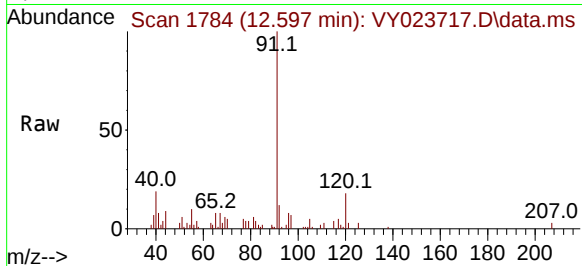




#78
n-propylbenzene
Concen: 3.778 ug/l
RT: 12.597 min Scan# 1783
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

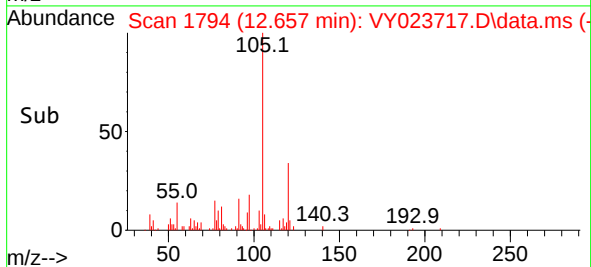
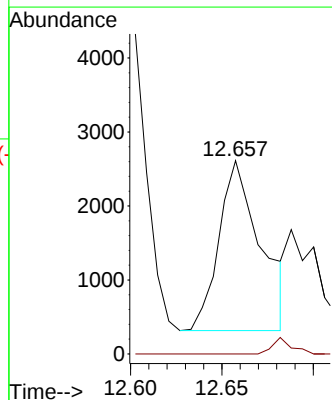
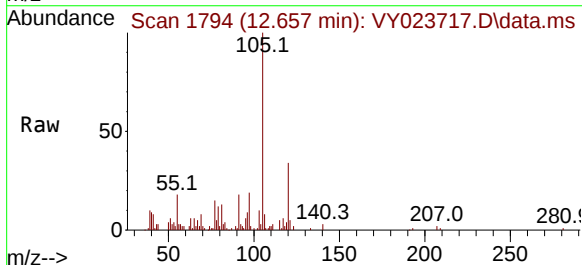
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

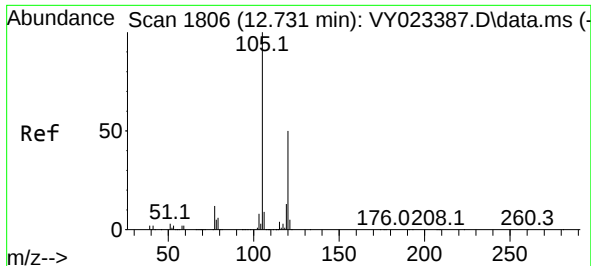
Tgt Ion: 91 Resp: 8724
Ion Ratio Lower Upper
91 100
120 22.1 12.3 36.8



#79
2-Chlorotoluene
Concen: 2.687 ug/l
RT: 12.657 min Scan# 1794
Delta R.T. -0.018 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 91 Resp: 3634
Ion Ratio Lower Upper
91 100
126 0.0 18.5 55.5#

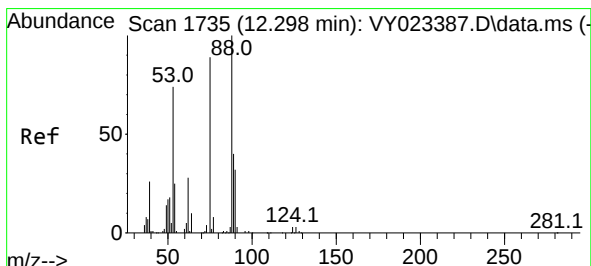
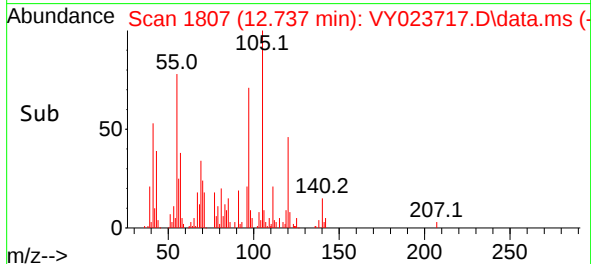
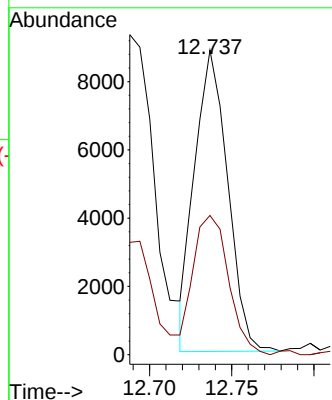
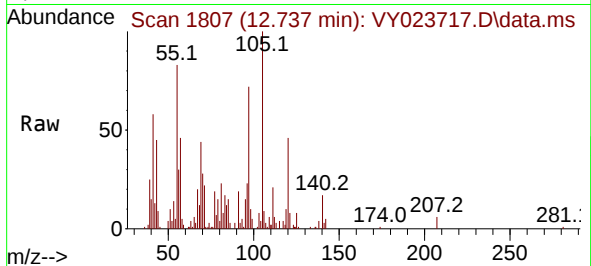




#80
1,3,5-Trimethylbenzene
Concen: 7.623 ug/l
RT: 12.737 min Scan# 1806
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

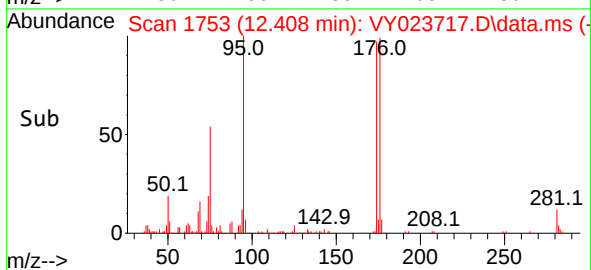
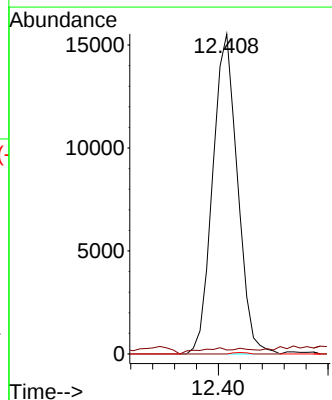
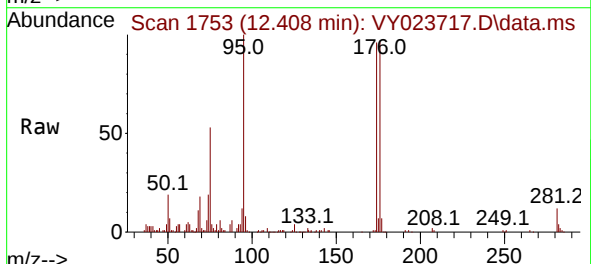
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

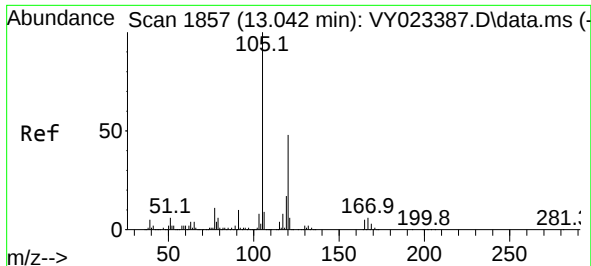
Tgt Ion:105 Resp: 12292
Ion Ratio Lower Upper
105 100
120 49.4 25.4 76.4



#81
trans-1,4-Dichloro-2-butene
Concen: 224.290 ug/l
RT: 12.408 min Scan# 1753
Delta R.T. 0.110 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion: 75 Resp: 24435
Ion Ratio Lower Upper
75 100
53 2.5 68.6 102.8#
89 0.3 39.0 58.4#

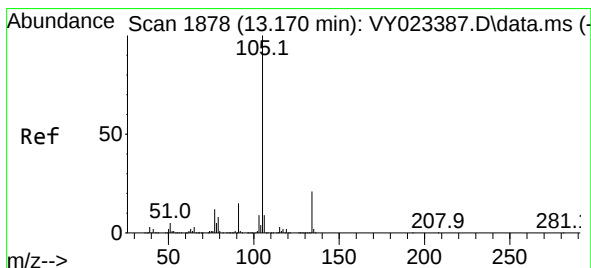
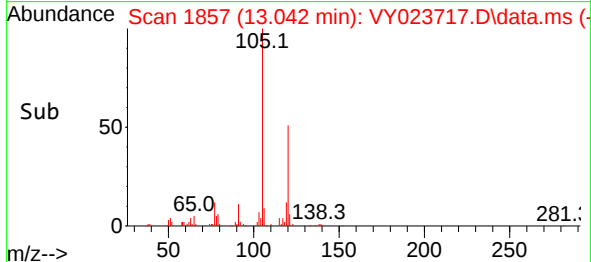
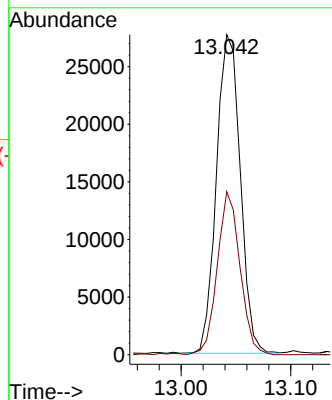
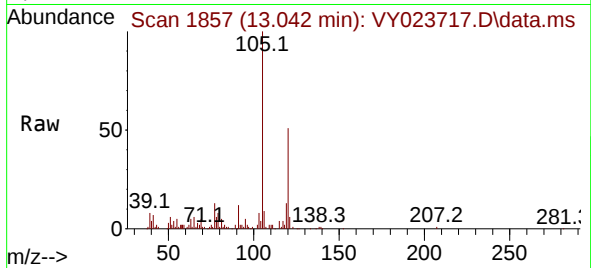




#84
1,2,4-Trimethylbenzene
Concen: 26.003 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

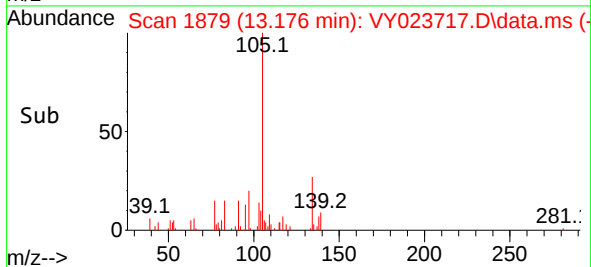
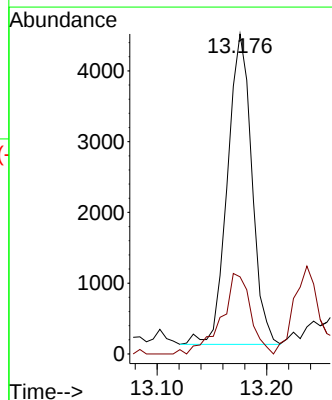
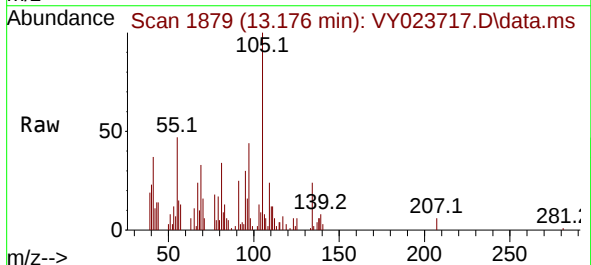
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

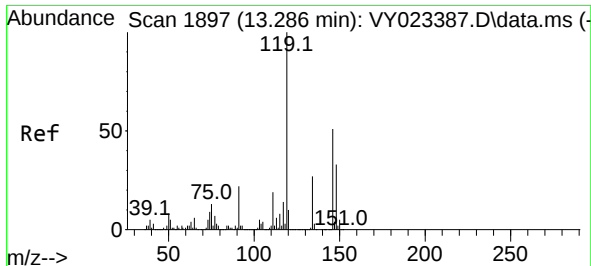
Tgt Ion:105 Resp: 41846
Ion Ratio Lower Upper
105 100
120 48.7 23.8 71.2



#85
sec-Butylbenzene
Concen: 3.179 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion:105 Resp: 6790
Ion Ratio Lower Upper
105 100
134 30.8 10.7 32.1

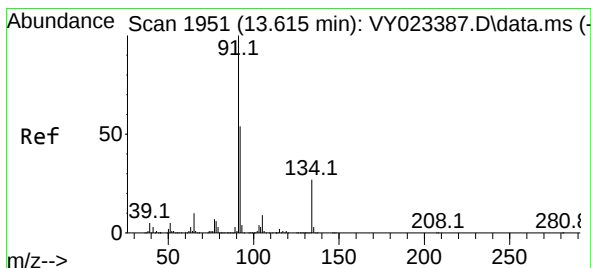
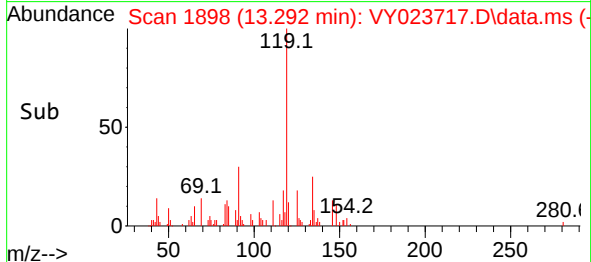
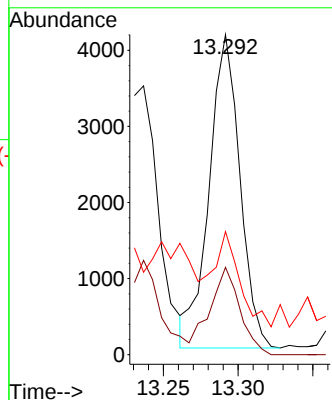
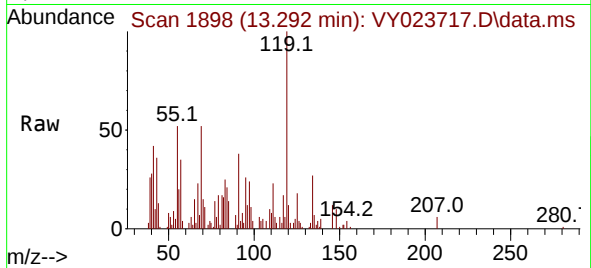




#86
p-Isopropyltoluene
Concen: 3.240 ug/l
RT: 13.292 min Scan# 1898
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

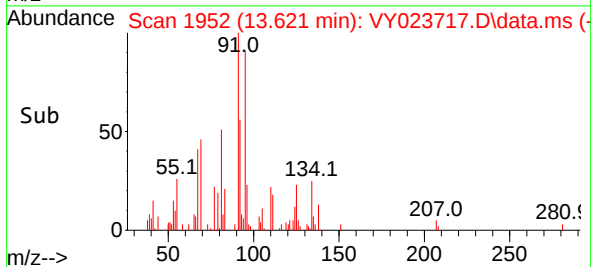
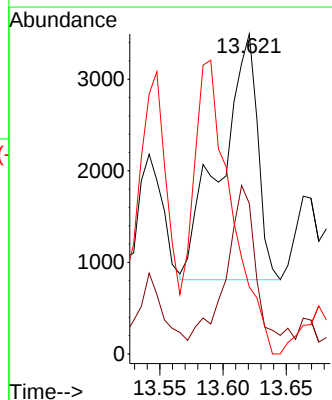
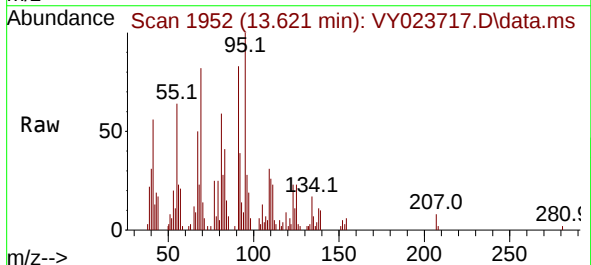
Instrument :
MSVOA_Y
ClientSampleId :
A-LAW-25-0167-0175-COMP

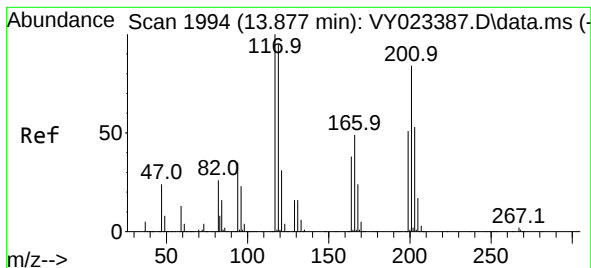
Tgt Ion:	119	Resp:	5892
Ion	Ratio	Lower	Upper
119	100		
134	27.4	13.6	40.7
91	26.8	10.9	32.9



#89
n-Butylbenzene
Concen: 3.440 ug/l
RT: 13.621 min Scan# 1952
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion:	91	Resp:	5450
Ion	Ratio	Lower	Upper
91	100		
92	53.7	27.0	80.8
134	0.0	14.1	42.2





#90

Hexachloroethane

Concen: 4.119 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.012 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

Instrument :

MSVOA_Y

ClientSampleId :

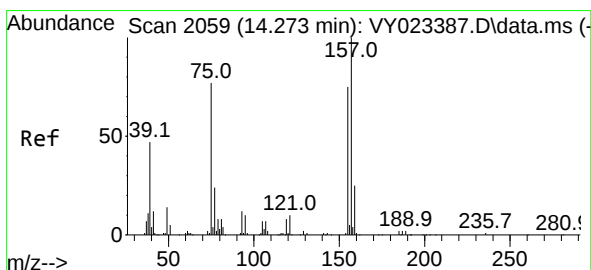
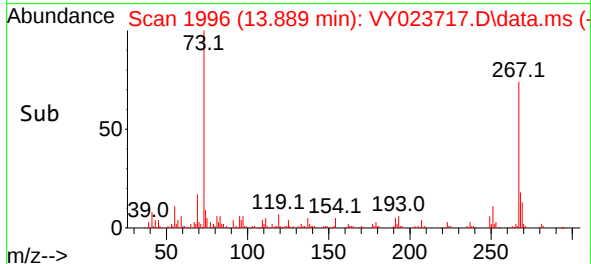
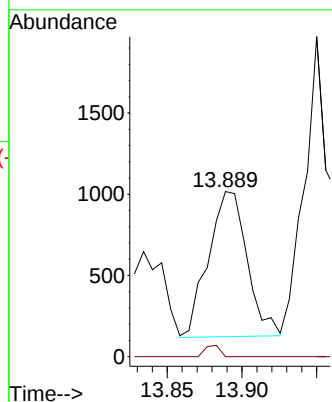
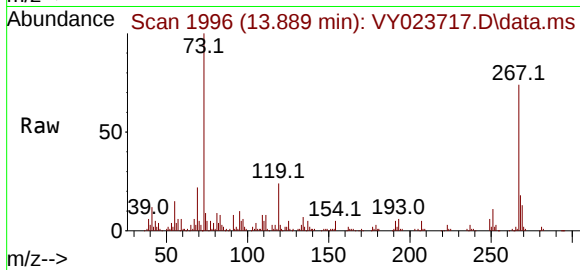
A-LAW-25-0167-0175-COMP

Tgt Ion:117 Resp: 1611

Ion Ratio Lower Upper

117 100

201 3.0 43.8 131.4#



#92

1,2-Dibromo-3-Chloropropane

Concen: 2.764 ug/l

RT: 14.255 min Scan# 2056

Delta R.T. -0.018 min

Lab File: VY023717.D

Acq: 10 Nov 2025 16:14

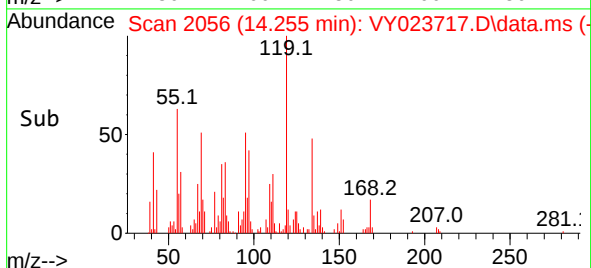
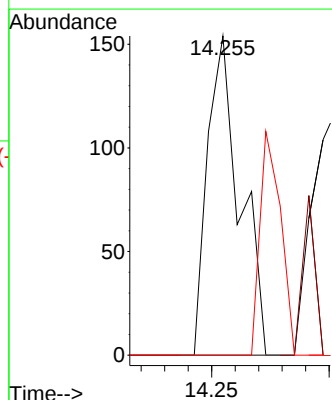
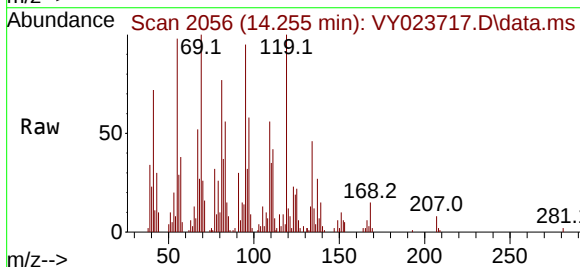
Tgt Ion: 75 Resp: 148

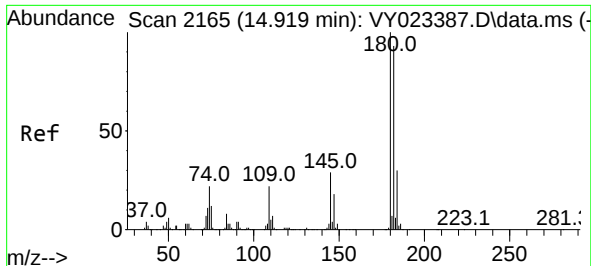
Ion Ratio Lower Upper

75 100

155 0.0 50.0 150.0#

157 0.0 63.8 191.5#

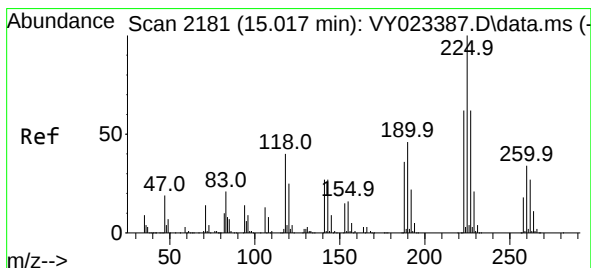
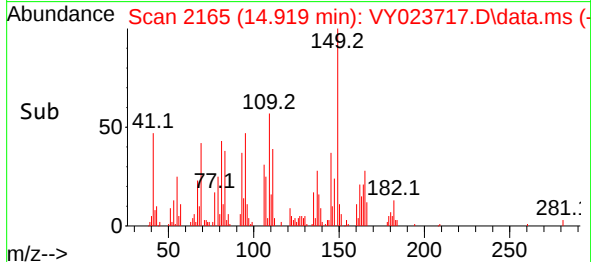
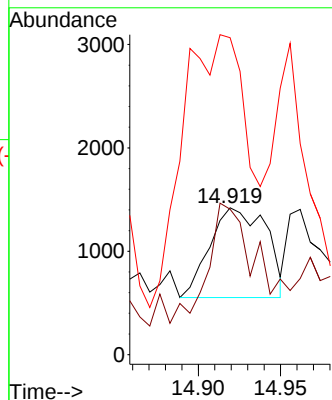
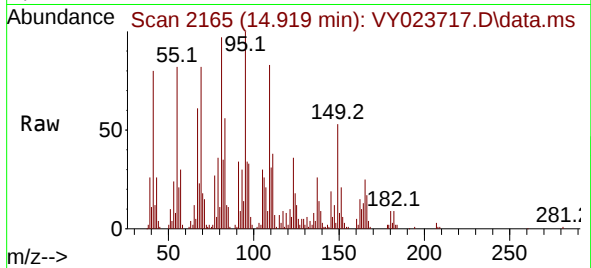




#93
1,2,4-Trichlorobenzene
Concen: 3.677 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

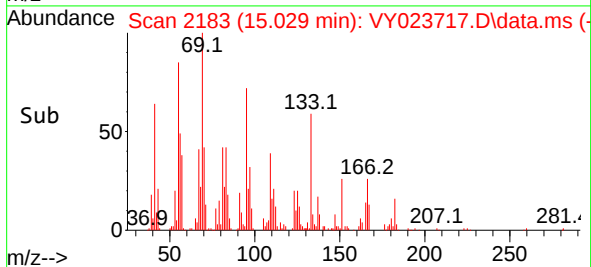
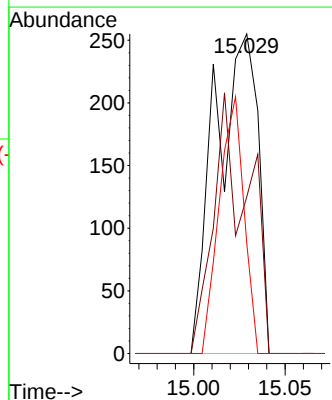
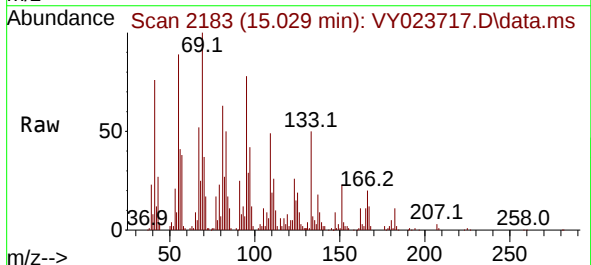
Instrument : MSVOA_Y
ClientSampleId : A-LAW-25-0167-0175-COMP

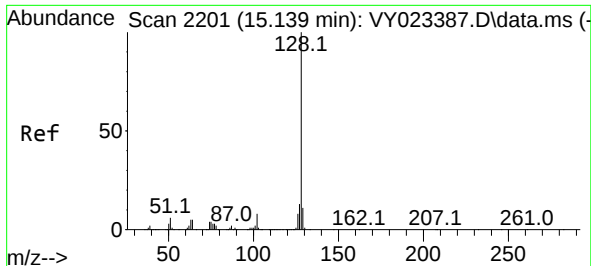
Tgt Ion:180 Resp: 2076
Ion Ratio Lower Upper
180 100
182 94.9 47.9 143.6
145 395.3 14.7 44.1#



#94
Hexachlorobutadiene
Concen: 1.171 ug/l
RT: 15.029 min Scan# 2183
Delta R.T. 0.012 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion:225 Resp: 412
Ion Ratio Lower Upper
225 100
223 65.5 30.8 92.3
227 46.8 31.9 95.7

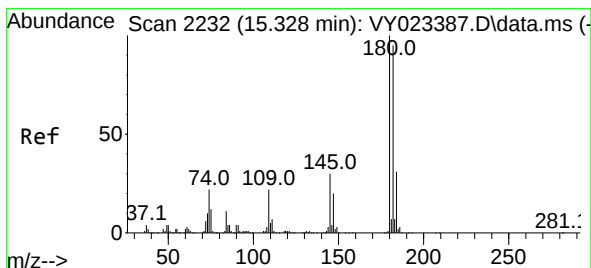
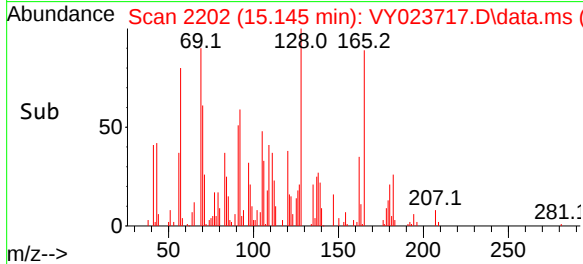
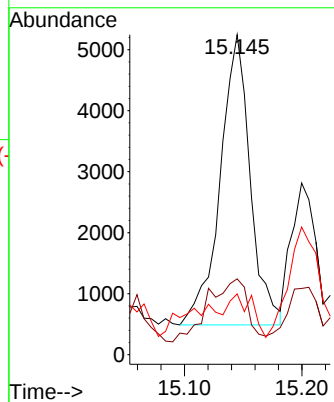
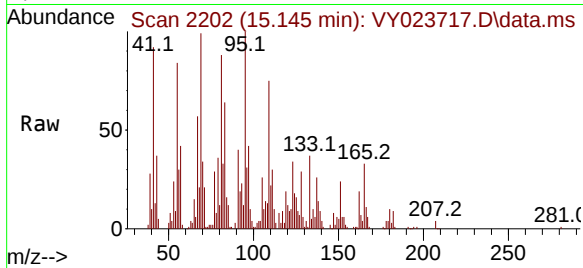




#95
Naphthalene
Concen: 9.426 ug/l
RT: 15.145 min Scan# 2202
Delta R.T. 0.006 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

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

Tgt Ion:128 Resp: 8475
Ion Ratio Lower Upper
128 100
127 28.6 10.4 15.6#
129 11.4 8.9 13.3



#96
1,2,3-Trichlorobenzene
Concen: 24.747 ug/l
RT: 15.346 min Scan# 2235
Delta R.T. 0.018 min
Lab File: VY023717.D
Acq: 10 Nov 2025 16:14

Tgt Ion:180 Resp: 12103
Ion Ratio Lower Upper
180 100
182 17.3 47.9 143.8#
145 53.9 15.3 45.9#

