

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061125\
 Data File : VY022662.D
 Acq On : 11 Jun 2025 14:21
 Operator : SY/MD
 Sample : Q2286-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0082-LAW-250083

Quant Time: Jun 12 05:07:45 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 10 15:26:14 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	195675	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.610	114	358876	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	234105	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	33900	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	115271	52.671	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 105.340%	
35) Dibromofluoromethane	7.634	113	111538	52.070	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.140%	
50) Toluene-d8	10.103	98	403612	46.632	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 93.260%	
62) 4-Bromofluorobenzene	12.402	95	63574	24.652	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 49.300%	

Target Compounds					Qvalue	
3) Chloromethane	2.068	50	5561	1.074	ug/l	96
6) Chloroethane	2.733	64	13062	3.170	ug/l	90
7) Trichlorofluoromethane	3.043	101	40322	7.911	ug/l	94
11) Tert butyl alcohol	4.860	59	109089	697.896	ug/l	98
13) Acrolein	3.647	56	611	3.136	ug/l #	14
16) Acetone	3.866	43	364282	819.613	ug/l	97
17) Carbon Disulfide	4.098	76	771238	117.397	ug/l	99
18) Methyl Acetate	4.385	43	2352	1.787	ug/l	98
20) Methylene Chloride	4.610	84	4721	1.870	ug/l #	79
25) 2-Butanone	6.890	43	90962	141.884	ug/l	100
31) Cyclohexane	7.701	56	6177	1.469	ug/l #	49
36) 1,1-Dichloropropene	7.707	75	18168	5.226	ug/l #	52
37) Ethyl Acetate	6.890	43	90962	58.671	ug/l #	69
38) Carbon Tetrachloride	7.707	117	20343	5.704	ug/l #	17
48) Methyl methacrylate	9.183	41	9066	5.769	ug/l #	43
49) 1,4-Dioxane	9.067	88	128	7.914	ug/l #	1
51) 4-Methyl-2-Pentanone	9.993	43	10852	6.501	ug/l	91
52) Toluene	10.170	92	24212	3.752	ug/l	98
53) t-1,3-Dichloropropene	10.213	75	5017	1.547	ug/l #	42
59) 2-Hexanone	10.762	43	19637	17.588	ug/l	97
67) Ethyl Benzene	11.518	91	50698	5.276	ug/l	98
68) m/p-Xylenes	11.621	106	52527	14.420	ug/l	98
69) o-Xylene	11.950	106	23826	6.977	ug/l	97
70) Styrene	11.969	104	8860	1.569	ug/l #	63
73) Isopropylbenzene	12.249	105	16117	5.791	ug/l	94
74) N-amyl acetate	12.024	43	19728	28.092	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.505	83	675	1.478	ug/l #	69
76) 1,2,3-Trichloropropane	12.402	75	38184	98.456	ug/l #	100
78) n-propylbenzene	12.591	91	7657	2.252	ug/l	100
79) 2-Chlorotoluene	12.651	91	8210	4.557	ug/l #	46
80) 1,3,5-Trimethylbenzene	12.731	105	57102	26.133	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.402	75	38184	237.765	ug/l #	10
83) tert-Butylbenzene	13.042	119	10314	5.259	ug/l #	64
84) 1,2,4-Trimethylbenzene	13.042	105	86999	39.809	ug/l	98
85) sec-Butylbenzene	13.176	105	3356	1.117	ug/l #	57
86) p-Isopropyltoluene	13.292	119	46280	18.693	ug/l	96

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Quant Title : SW846 8260
QLast Update : Tue Jun 10 15:26:14 2025
Response via : Initial Calibration

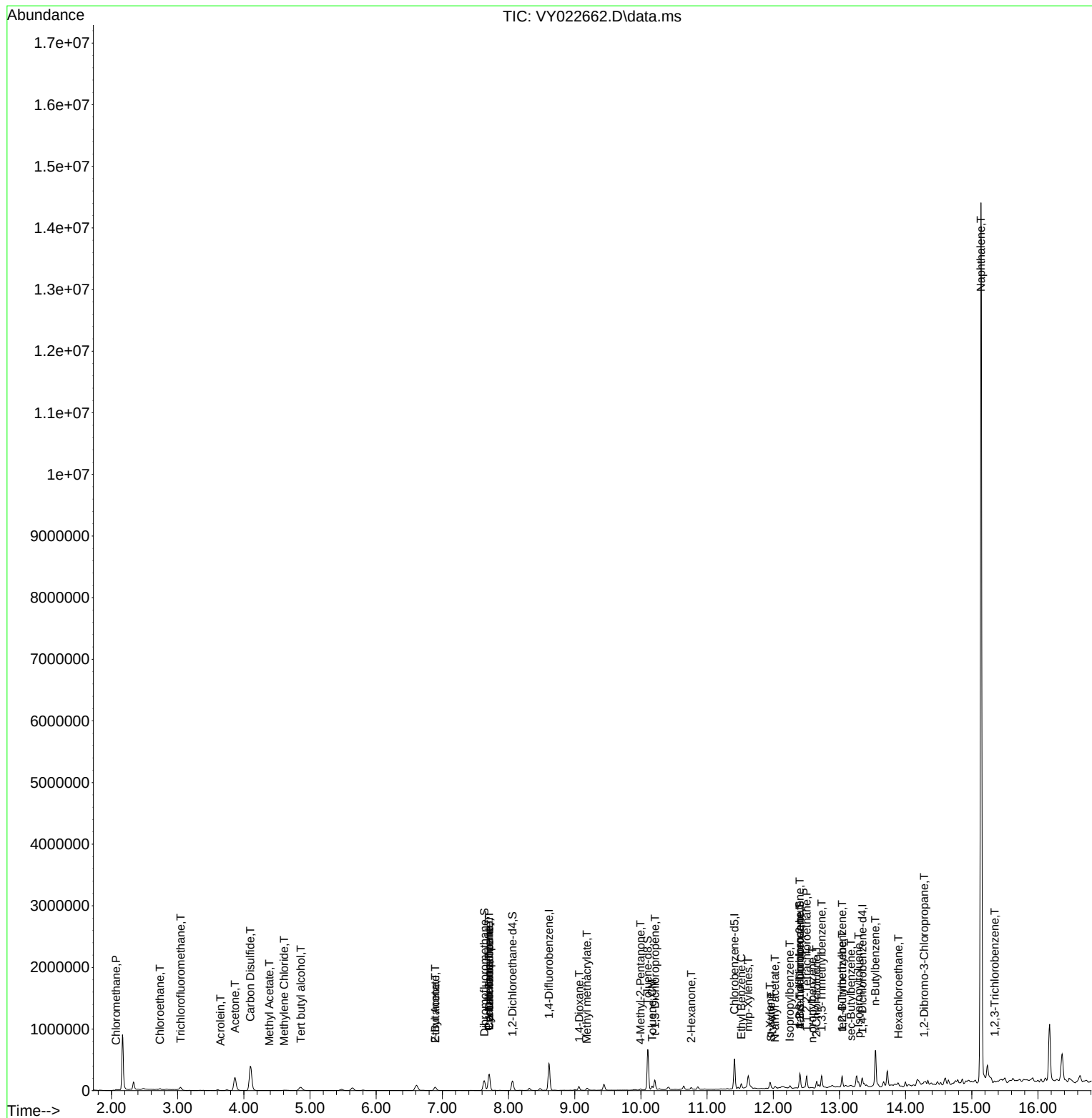
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
89) n-Butylbenzene	13.542	91	54076	23.022	ug/l #	46
90) Hexachloroethane	13.889	117	1543	3.201	ug/l #	22
92) 1,2-Dibromo-3-Chloropr...	14.279	75	1410	21.201	ug/l #	8
95) Naphthalene	15.139	128	9247428	8745.294	ug/l	98
96) 1,2,3-Trichlorobenzene	15.346	180	815	1.726	ug/l #	45

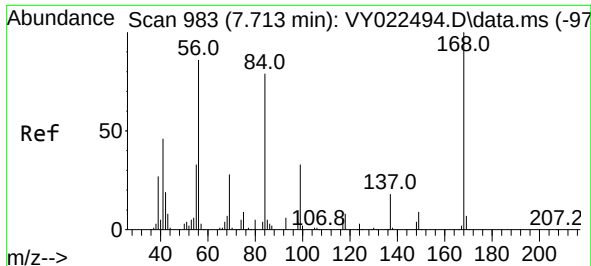
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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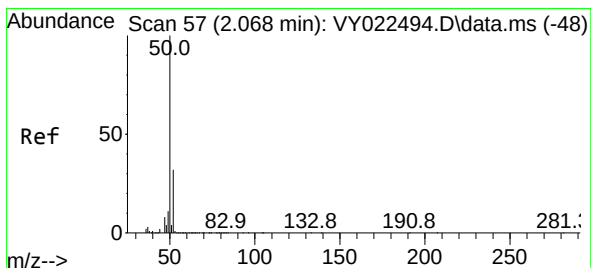
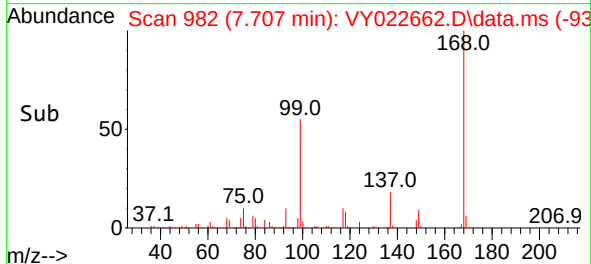
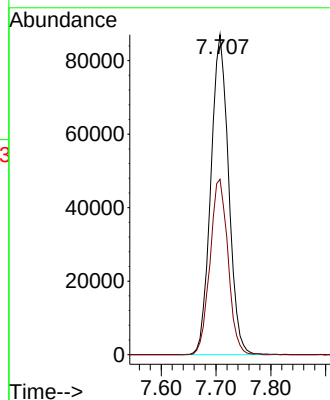
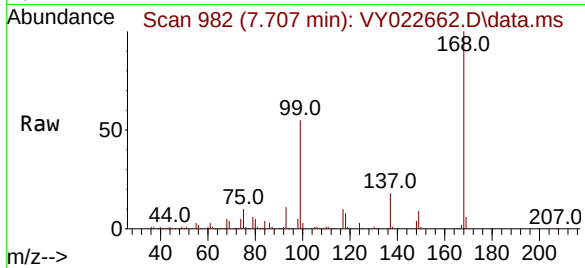




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022662.D
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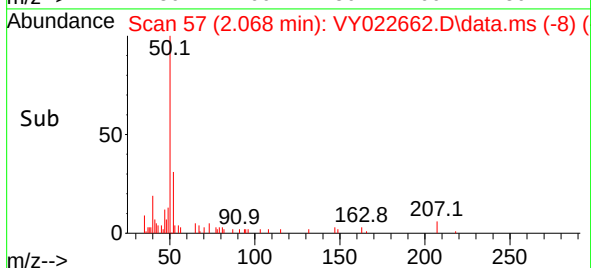
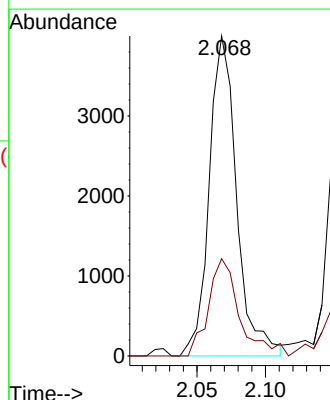
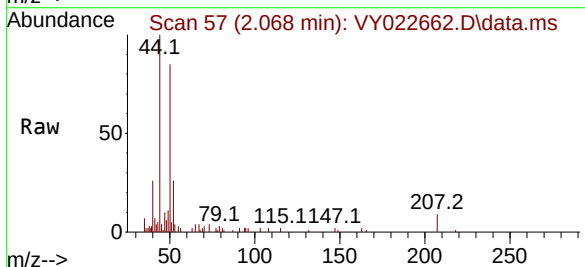
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

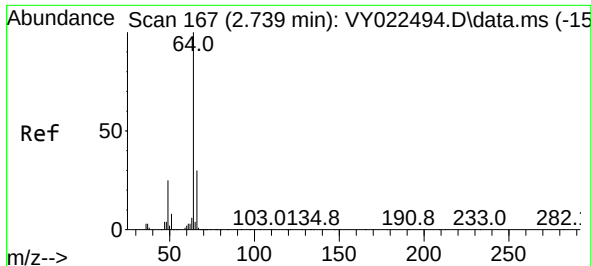
Tgt Ion:168 Resp: 195675
Ion Ratio Lower Upper
168 100
99 54.8 44.3 66.5



#3
Chloromethane
Concen: 1.074 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 50 Resp: 5561
Ion Ratio Lower Upper
50 100
52 30.4 26.0 39.0

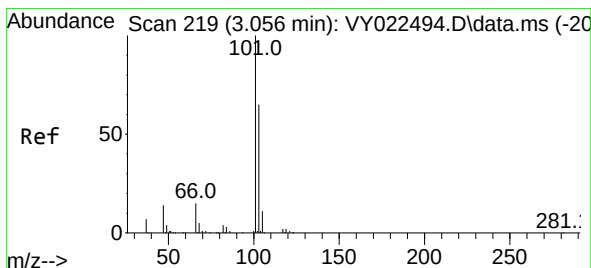
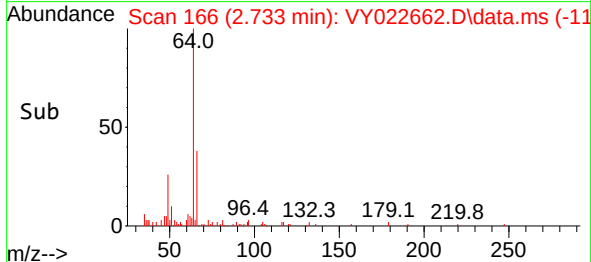
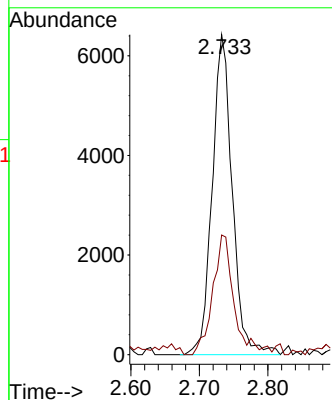
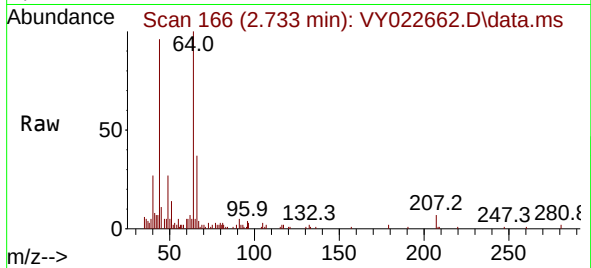




#6
Chloroethane
Concen: 3.170 ug/l
RT: 2.733 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

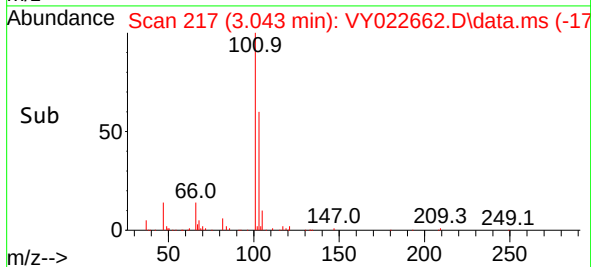
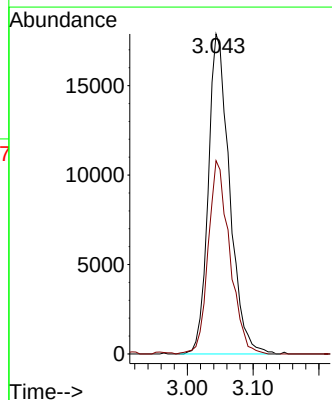
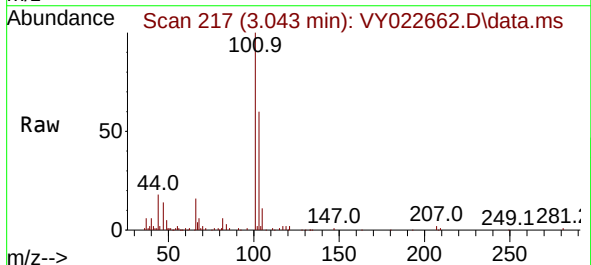
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

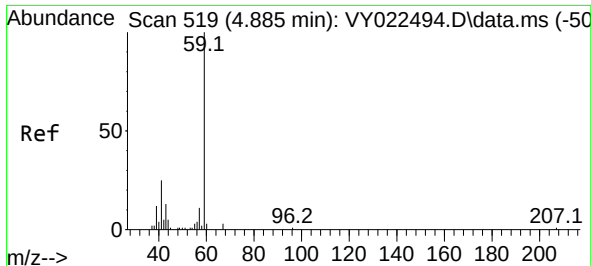
Tgt Ion: 64 Resp: 13062
Ion Ratio Lower Upper
64 100
66 35.2 23.8 35.6



#7
Trichlorofluoromethane
Concen: 7.911 ug/l
RT: 3.043 min Scan# 217
Delta R.T. -0.012 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion:101 Resp: 40322
Ion Ratio Lower Upper
101 100
103 60.4 52.2 78.2

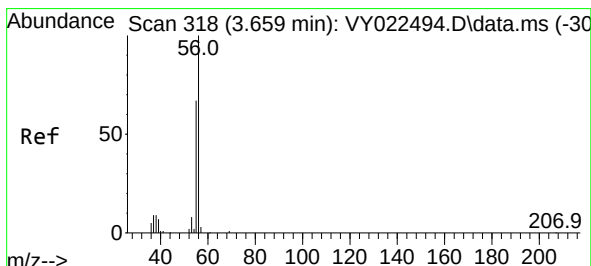
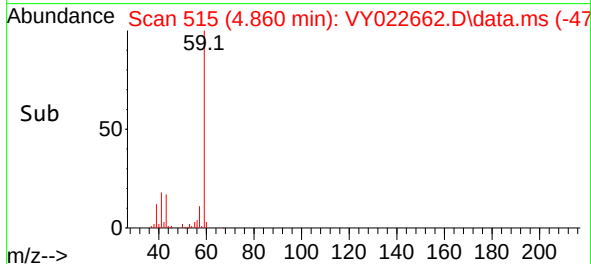
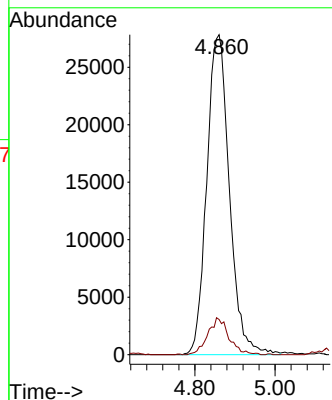
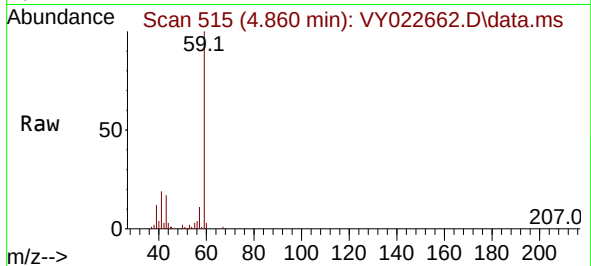




#11
Tert butyl alcohol
Concen: 697.896 ug/l
RT: 4.860 min Scan# 519
Delta R.T. -0.024 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

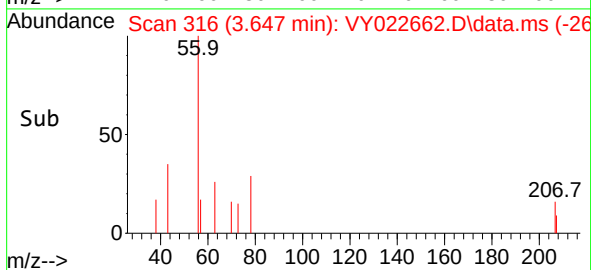
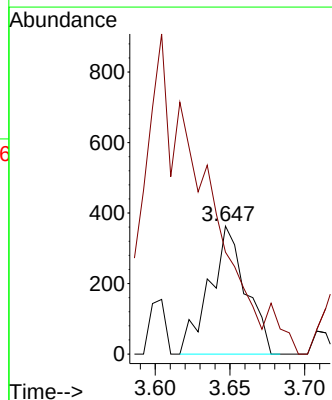
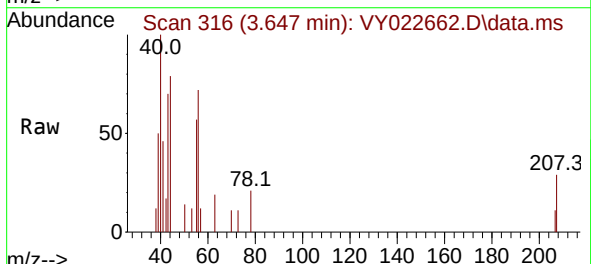
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

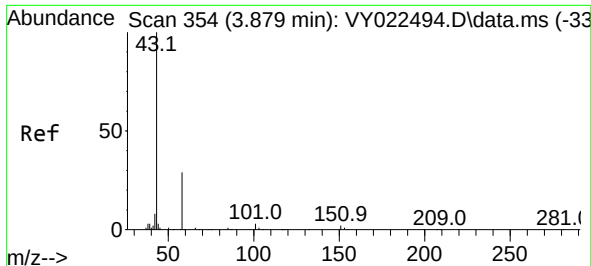
Tgt Ion: 59 Resp: 109089
Ion Ratio Lower Upper
59 100
57 10.7 8.0 12.0



#13
Acrolein
Concen: 3.136 ug/l
RT: 3.647 min Scan# 316
Delta R.T. -0.012 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 56 Resp: 611
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

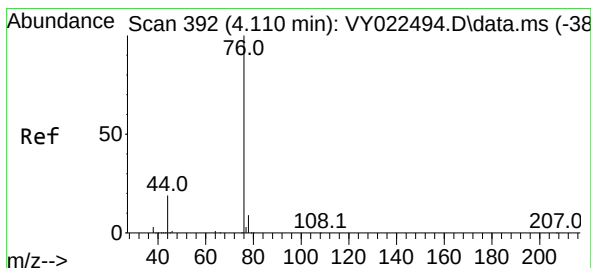
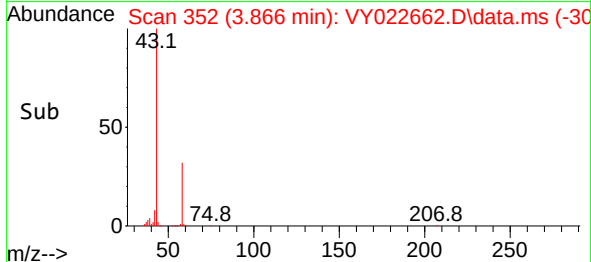
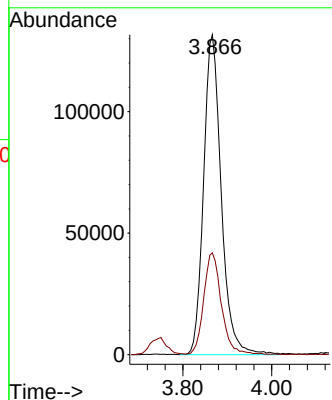
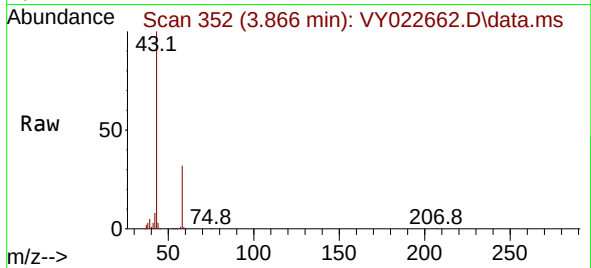




#16
Acetone
Concen: 819.613 ug/l
RT: 3.866 min Scan# 31
Delta R.T. -0.012 min
Lab File: VY022662.D
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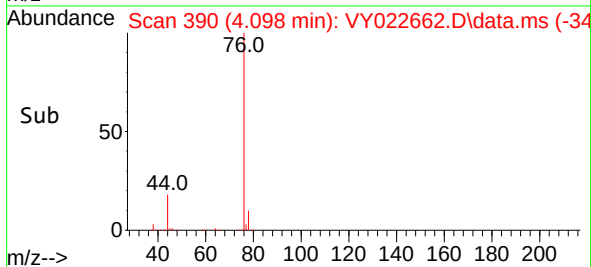
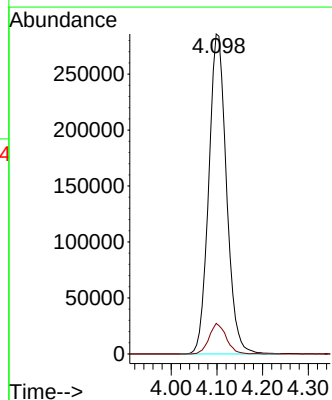
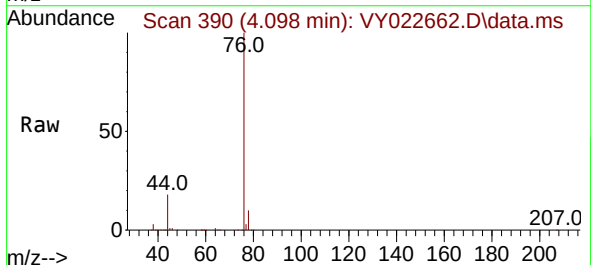
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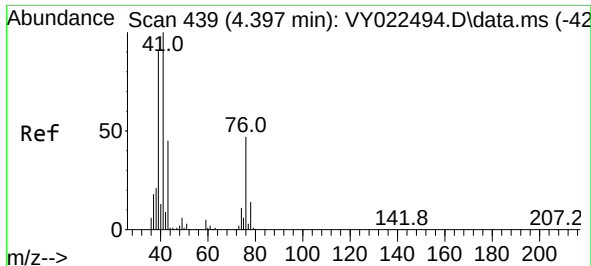
Tgt Ion: 43 Resp: 364282
Ion Ratio Lower Upper
43 100
58 31.7 24.0 36.0



#17
Carbon Disulfide
Concen: 117.397 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

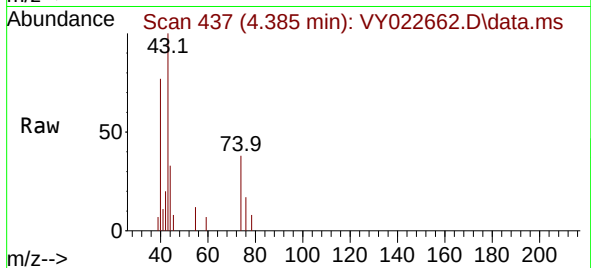
Tgt Ion: 76 Resp: 771238
Ion Ratio Lower Upper
76 100
78 9.5 7.4 11.2



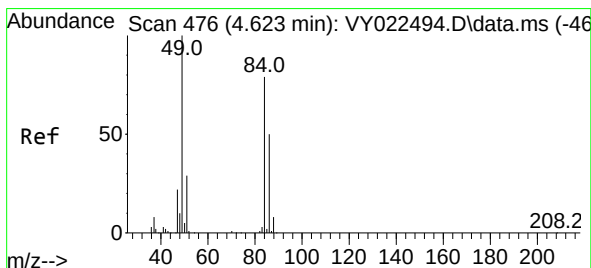
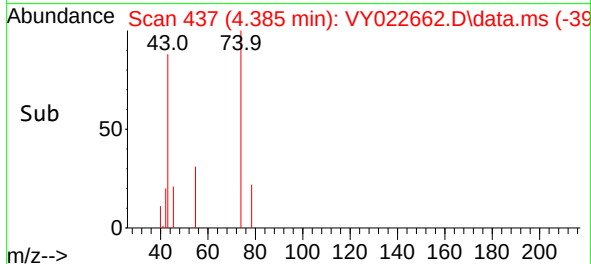
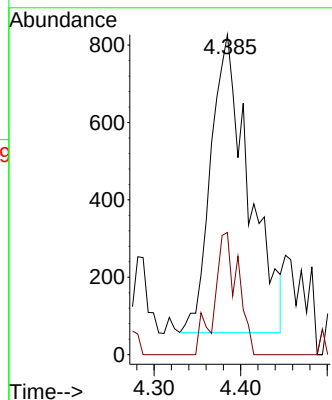


#18
Methyl Acetate
Concen: 1.787 ug/l
RT: 4.385 min Scan# 41
Delta R.T. -0.012 min
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ClientSampleId :
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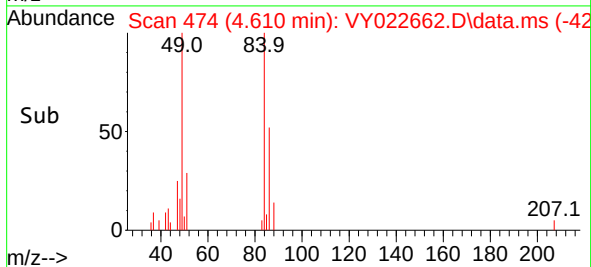
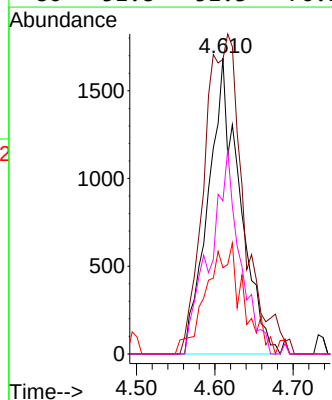
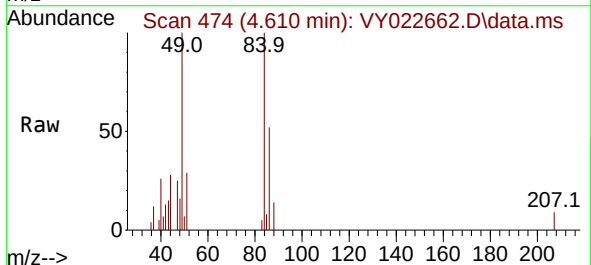


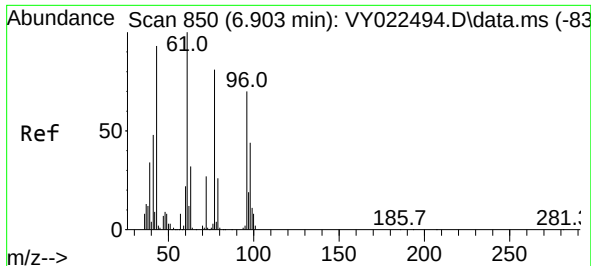
Tgt Ion: 43 Resp: 2352
Ion Ratio Lower Upper
43 100
74 25.5 19.8 29.6



#20
Methylene Chloride
Concen: 1.870 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022662.D
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Tgt Ion: 84 Resp: 4721
Ion Ratio Lower Upper
84 100
49 99.6 101.9 152.9#
51 24.6 29.8 44.8#
86 51.8 51.3 76.9

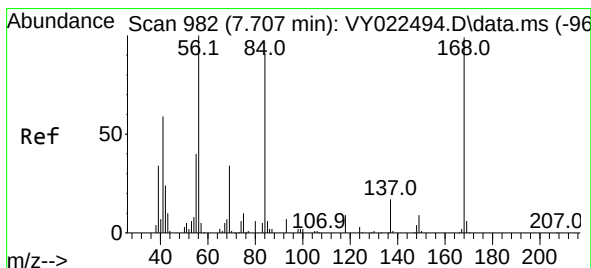
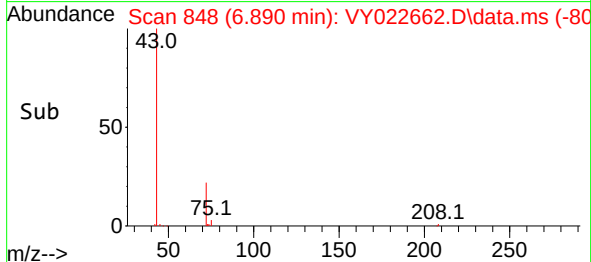
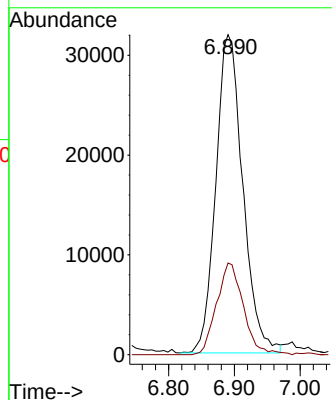
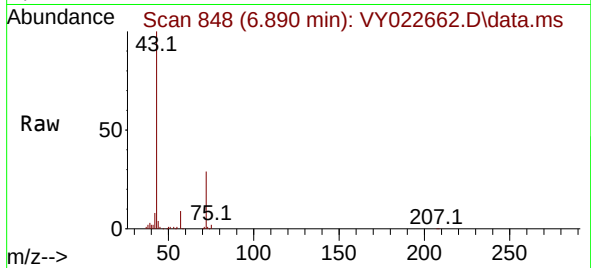




#25
2-Butanone
Concen: 141.884 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.012 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

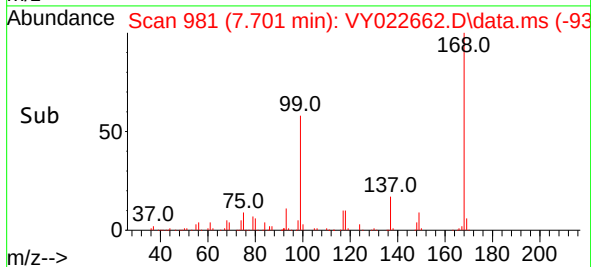
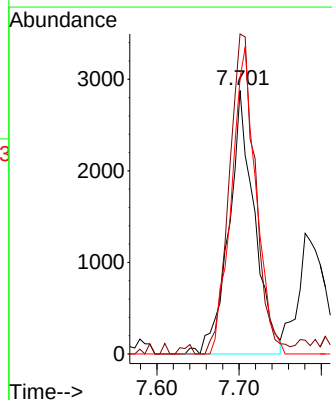
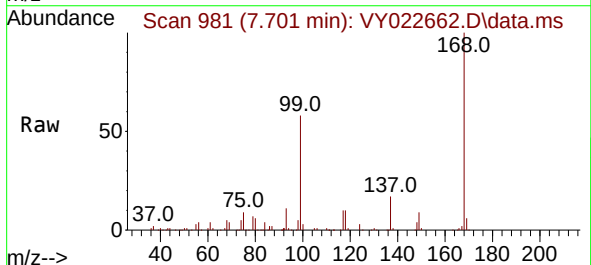
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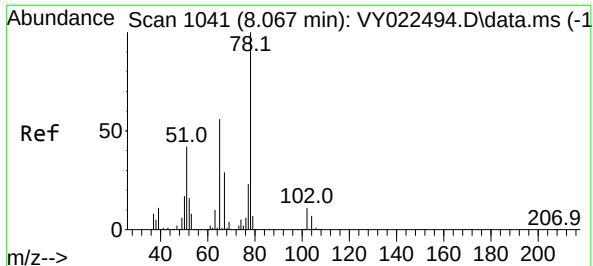
Tgt Ion: 43 Resp: 90962
Ion Ratio Lower Upper
43 100
72 28.8 22.9 34.3



#31
Cyclohexane
Concen: 1.469 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 56 Resp: 6177
Ion Ratio Lower Upper
56 100
69 119.0 27.0 40.6#
84 104.4 72.6 109.0

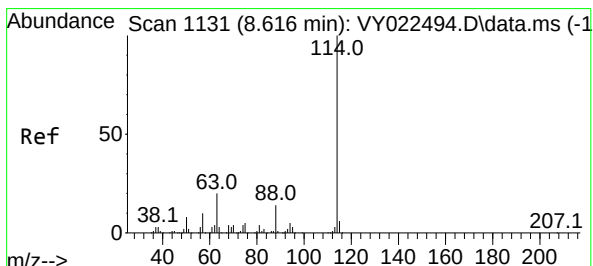
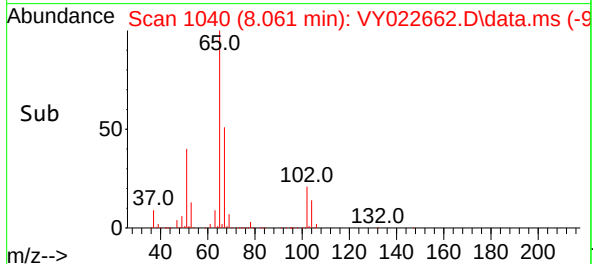
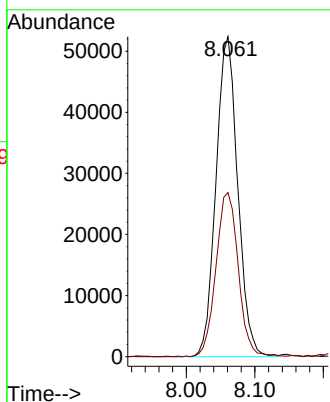
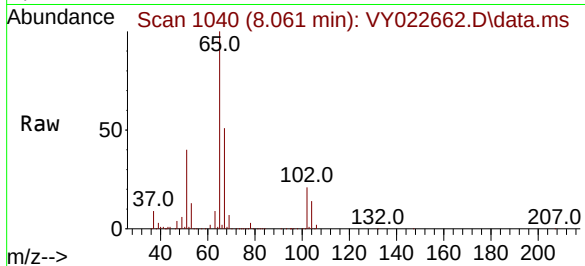




#33
1,2-Dichloroethane-d4
Concen: 52.671 ug/l
RT: 8.061 min Scan# 110
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

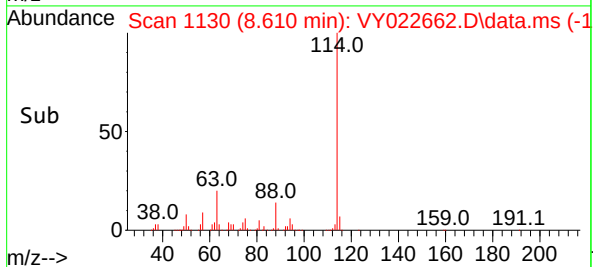
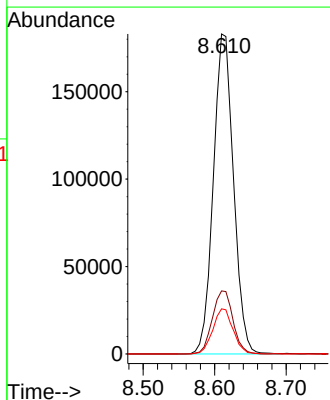
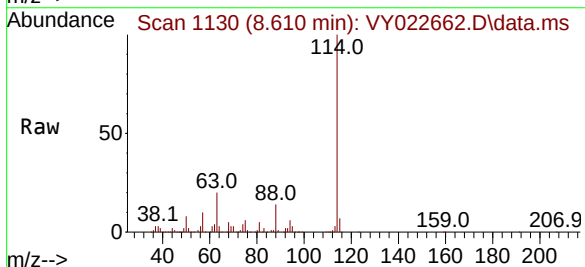
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

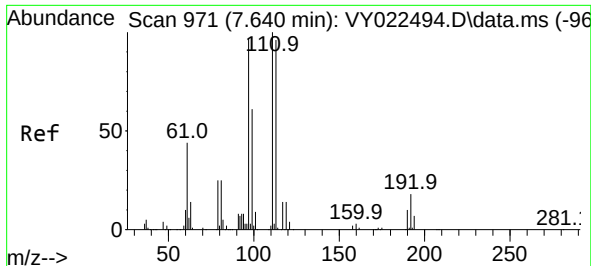
Tgt Ion: 65 Resp: 115271
Ion Ratio Lower Upper
65 100
67 52.6 0.0 103.4



#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.610 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

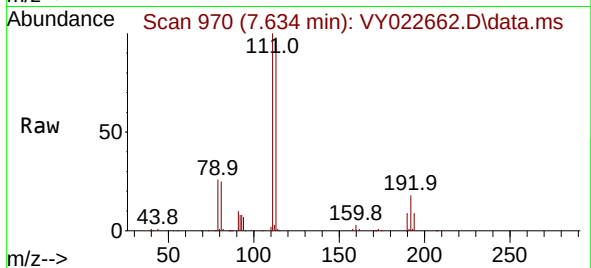
Tgt Ion: 114 Resp: 358876
Ion Ratio Lower Upper
114 100
63 19.7 0.0 40.8
88 14.1 0.0 27.8



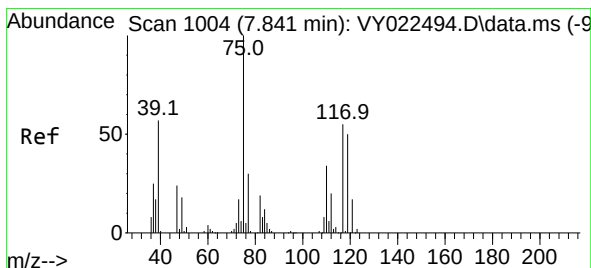
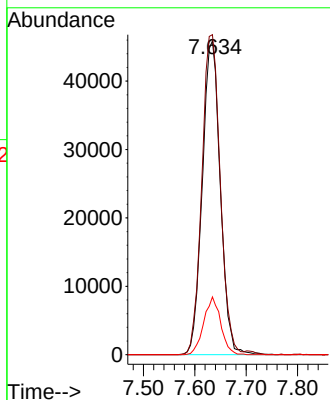
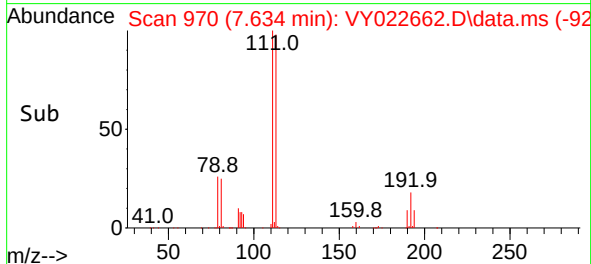


#35
Dibromofluoromethane
Concen: 52.070 ug/l
RT: 7.634 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

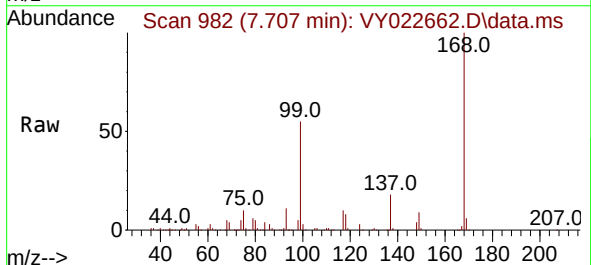
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083



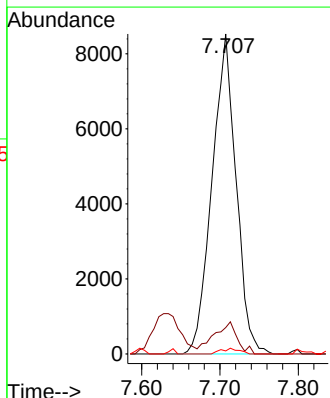
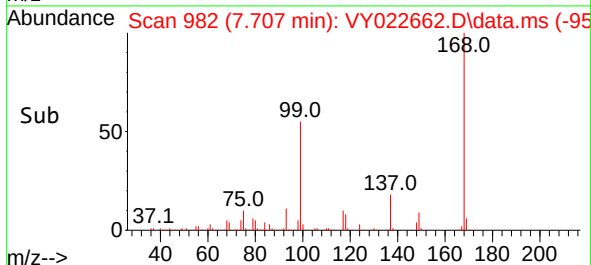
Tgt Ion:113 Resp: 111538
Ion Ratio Lower Upper
113 100
111 104.2 81.1 121.7
192 17.4 14.2 21.2

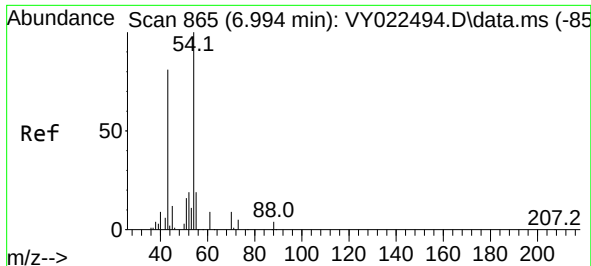


#36
1,1-Dichloropropene
Concen: 5.226 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.134 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21



Tgt Ion: 75 Resp: 18168
Ion Ratio Lower Upper
75 100
110 9.8 16.9 50.7#
77 1.3 24.8 37.2#

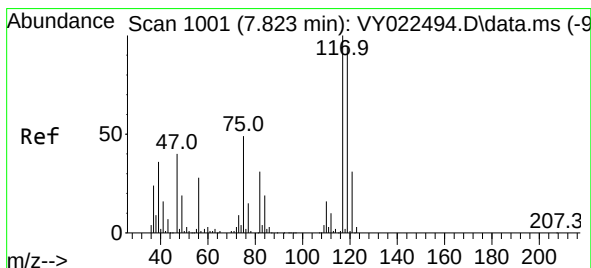
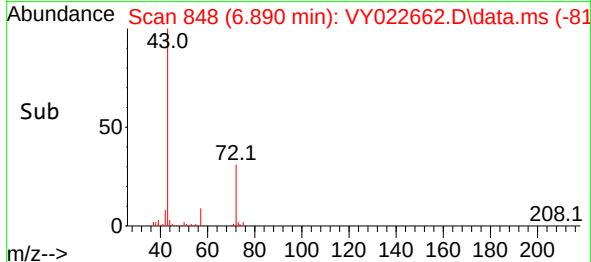
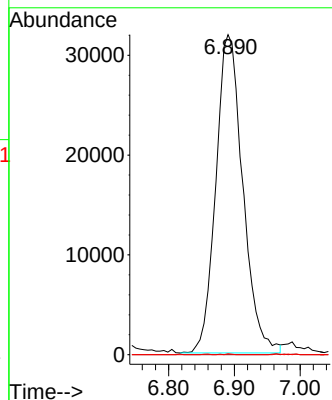
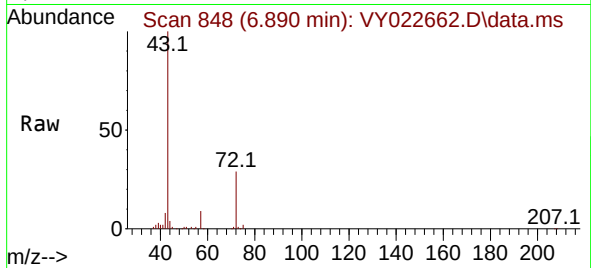




#37
Ethyl Acetate
Concen: 58.671 ug/l
RT: 6.890 min Scan# 84
Delta R.T. -0.104 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

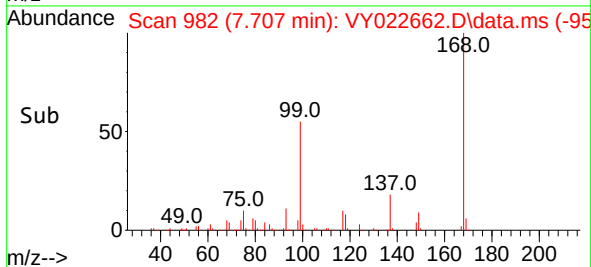
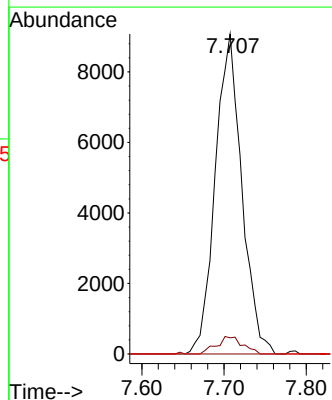
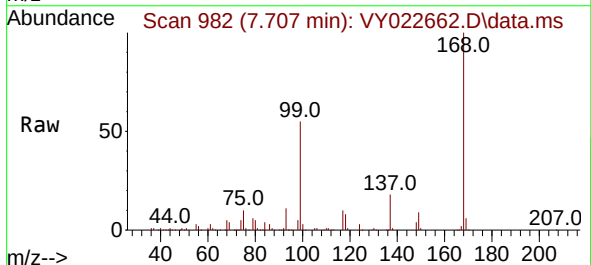
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

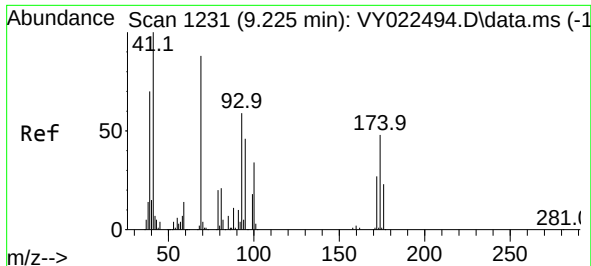
Tgt Ion: 43 Resp: 90962
Ion Ratio Lower Upper
43 100
61 0.0 11.5 17.3#
70 0.1 7.2 10.8#



#38
Carbon Tetrachloride
Concen: 5.704 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.116 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 117 Resp: 20343
Ion Ratio Lower Upper
117 100
119 5.0 75.0 112.6#
121 0.0 25.0 37.4#

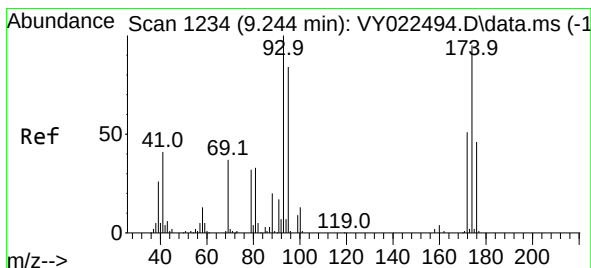
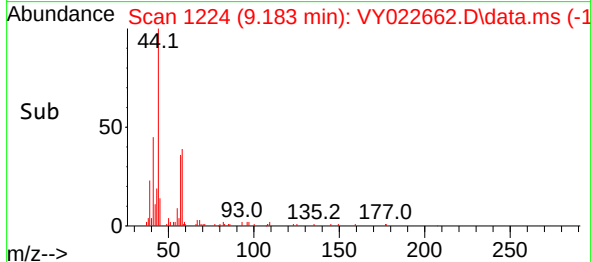
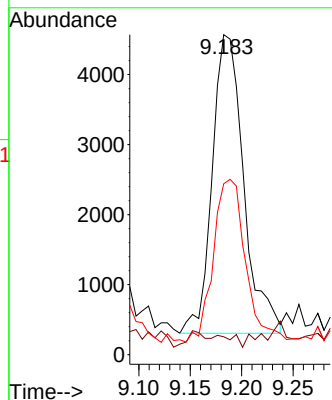
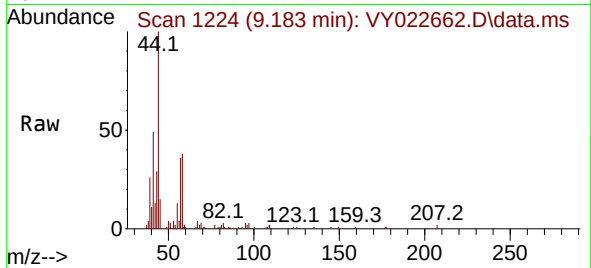




#48
Methyl methacrylate
Concen: 5.769 ug/l
RT: 9.183 min Scan# 11
Delta R.T. -0.043 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

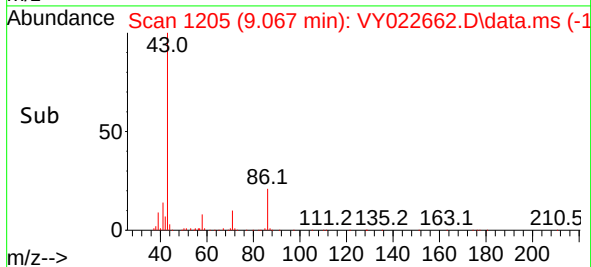
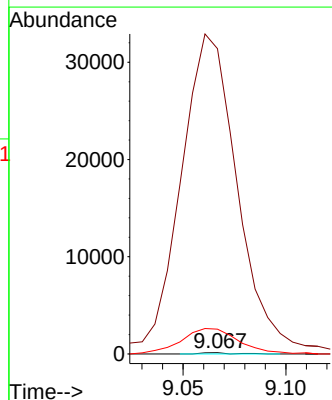
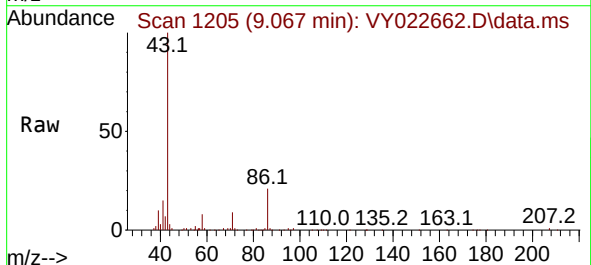
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

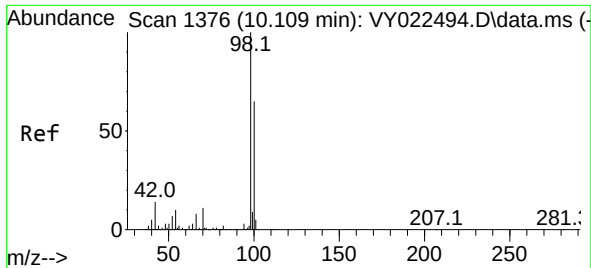
Tgt Ion: 41 Resp: 9066
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.8#
39 57.9 55.0 82.4



#49
1,4-Dioxane
Concen: 7.914 ug/l
RT: 9.067 min Scan# 1205
Delta R.T. -0.177 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 88 Resp: 128
Ion Ratio Lower Upper
88 100
43 48489.8 25.4 38.2#
58 4017.2 54.9 82.3#

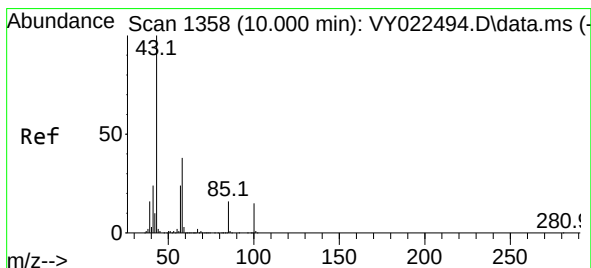
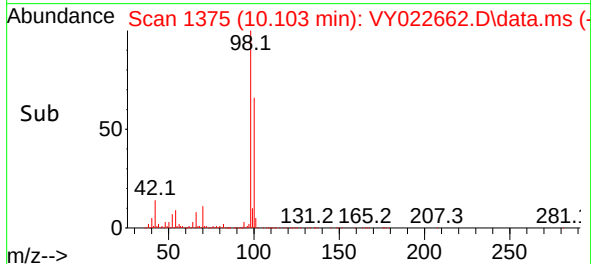
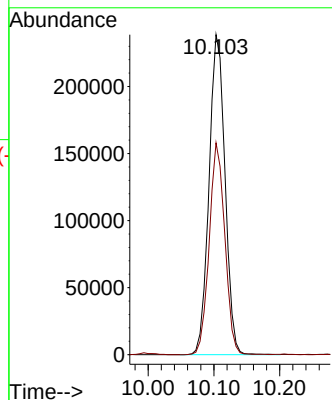
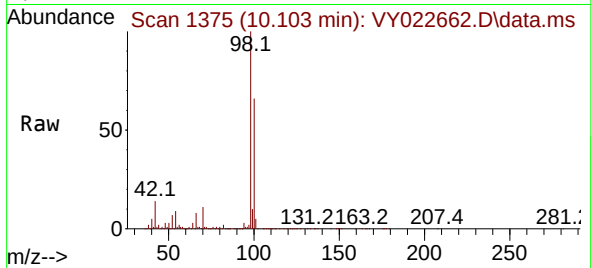




#50
Toluene-d8
Concen: 46.632 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

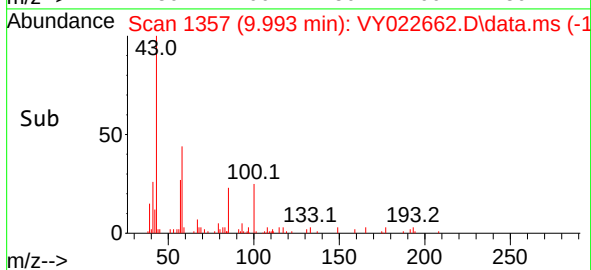
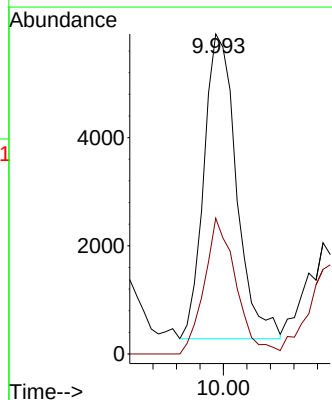
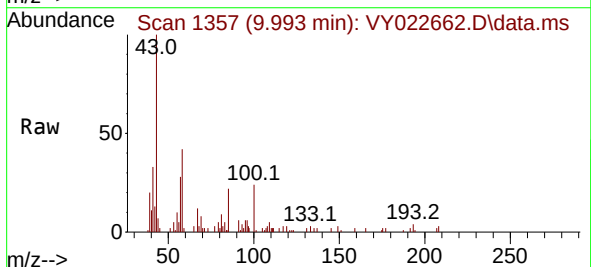
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

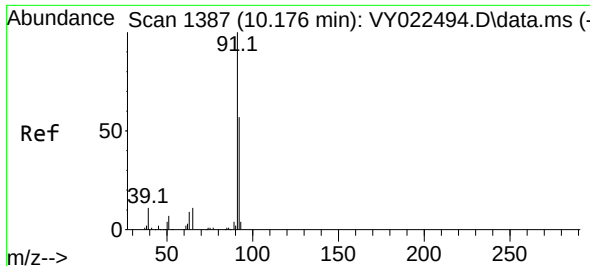
Tgt Ion: 98 Resp: 403612
Ion Ratio Lower Upper
98 100
100 64.5 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 6.501 ug/l
RT: 9.993 min Scan# 1357
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 43 Resp: 10852
Ion Ratio Lower Upper
43 100
58 43.2 30.4 45.6

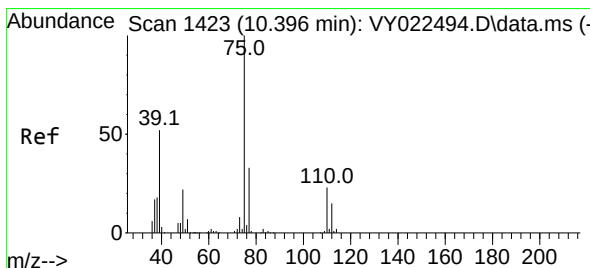
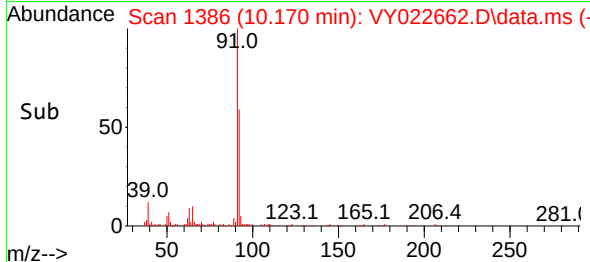
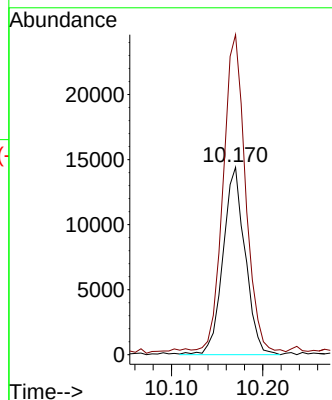
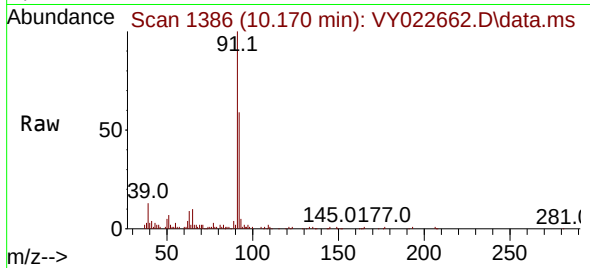




#52
Toluene
Concen: 3.752 ug/l
RT: 10.170 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

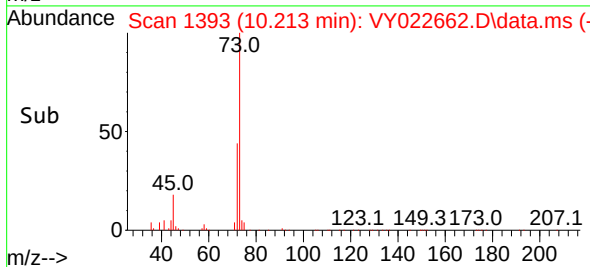
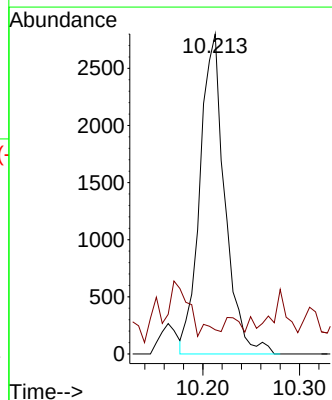
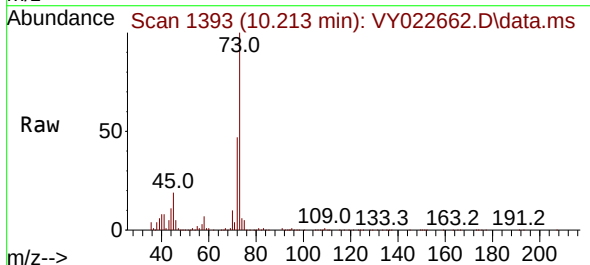
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

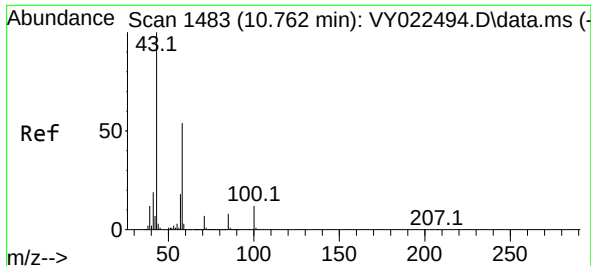
Tgt Ion: 92 Resp: 24212
Ion Ratio Lower Upper
92 100
91 171.5 139.0 208.4



#53
t-1,3-Dichloropropene
Concen: 1.547 ug/l
RT: 10.213 min Scan# 1393
Delta R.T. -0.183 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 75 Resp: 5017
Ion Ratio Lower Upper
75 100
77 0.0 26.5 39.7#

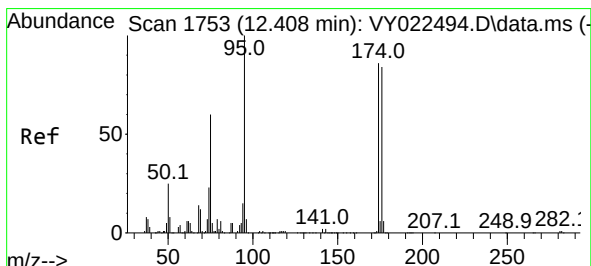
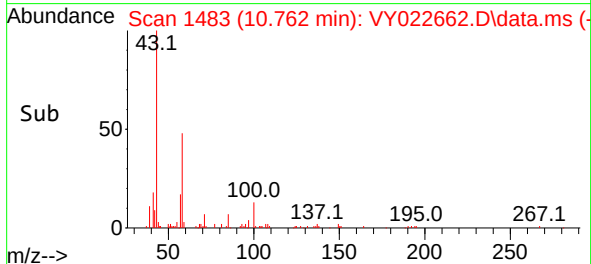
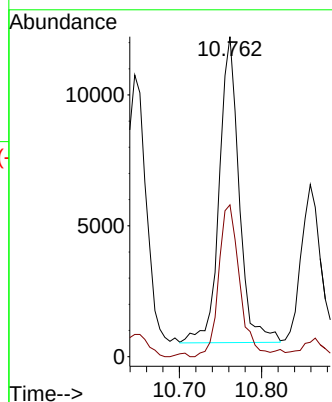
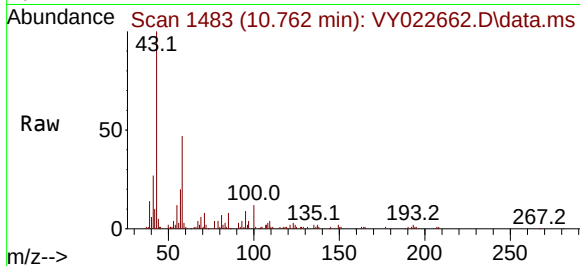




#59
2-Hexanone
Concen: 17.588 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

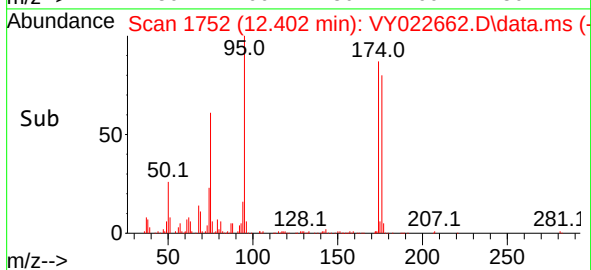
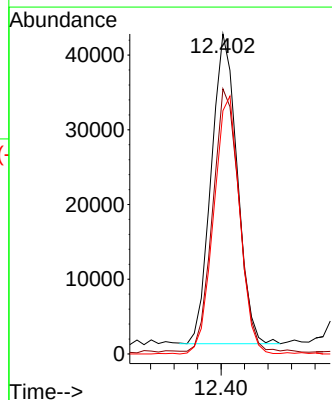
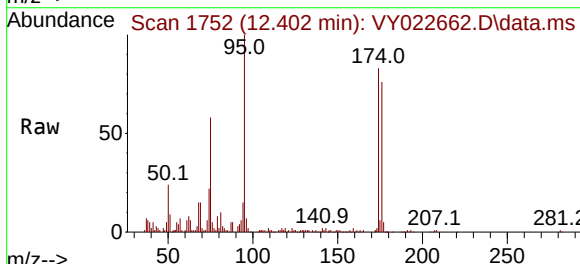
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

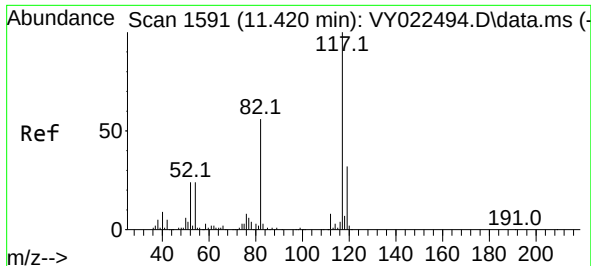
Tgt Ion: 43 Resp: 19637
Ion Ratio Lower Upper
43 100
58 52.2 27.3 81.8



#62
4-Bromofluorobenzene
Concen: 24.652 ug/l
RT: 12.402 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 95 Resp: 63574
Ion Ratio Lower Upper
95 100
174 87.3 0.0 170.0
176 83.6 0.0 166.2

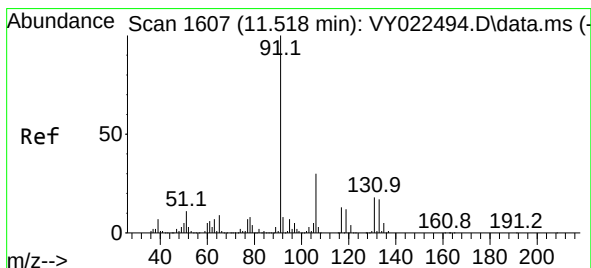
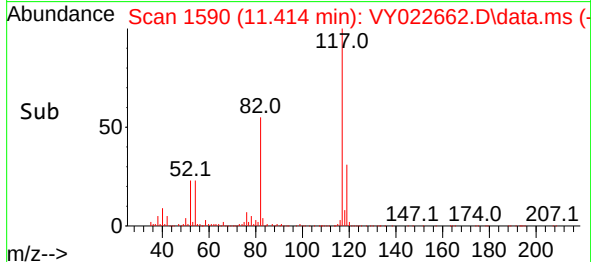
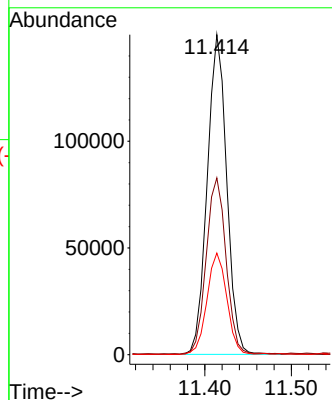
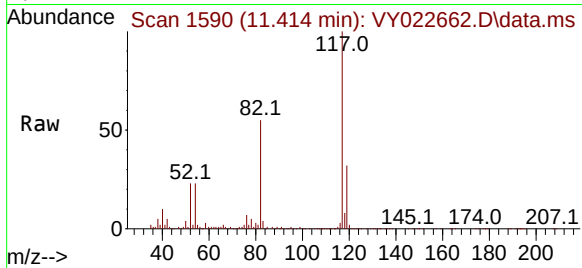




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

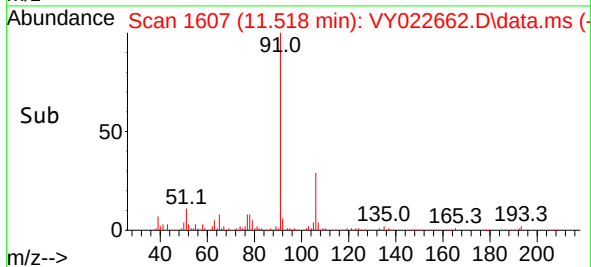
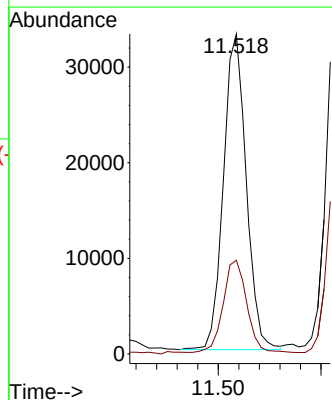
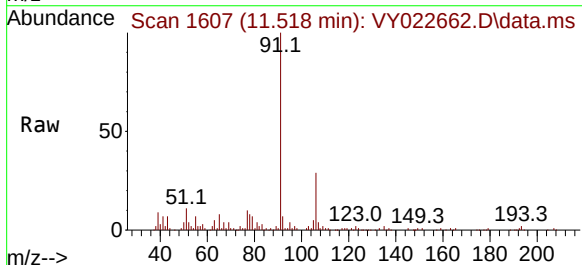
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

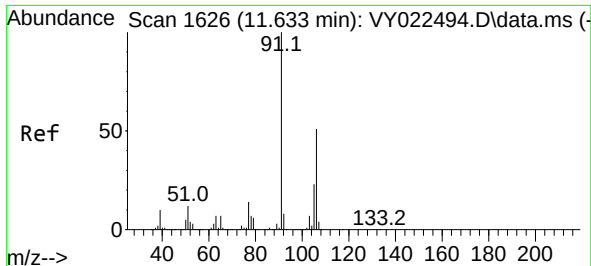
Tgt Ion:117 Resp: 234105
Ion Ratio Lower Upper
117 100
82 55.1 44.6 66.8
119 31.7 25.4 38.0



#67
Ethyl Benzene
Concen: 5.276 ug/l
RT: 11.518 min Scan# 1607
Delta R.T. -0.000 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 91 Resp: 50698
Ion Ratio Lower Upper
91 100
106 29.1 24.2 36.4

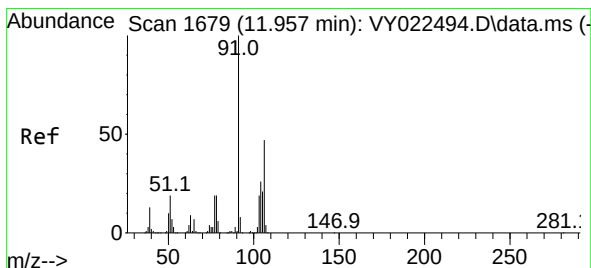
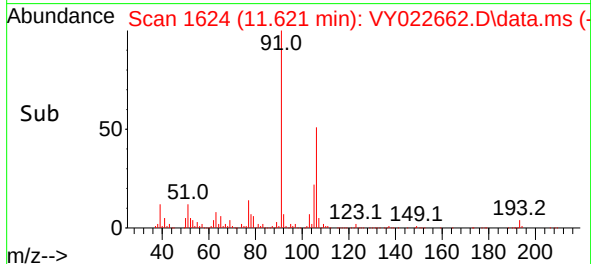
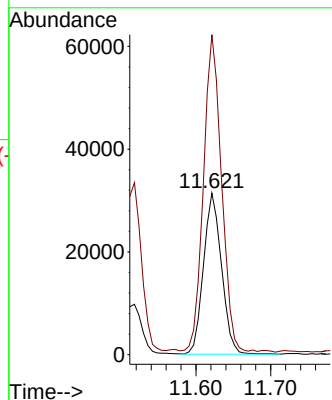
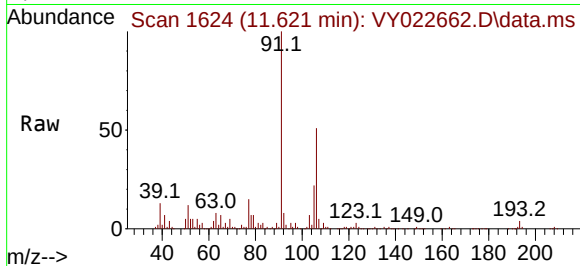




#68
m/p-Xylenes
Concen: 14.420 ug/l
RT: 11.621 min Scan# 11
Delta R.T. -0.012 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

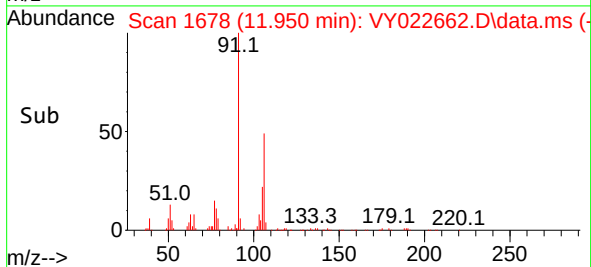
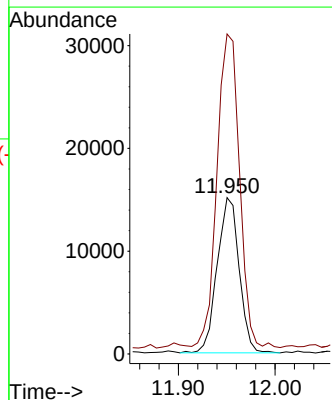
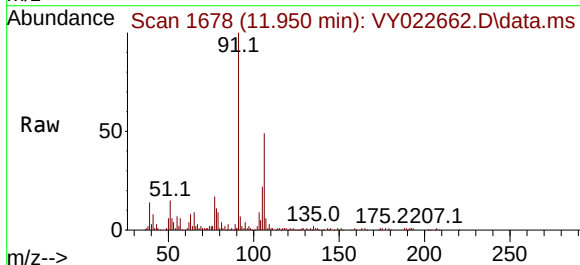
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

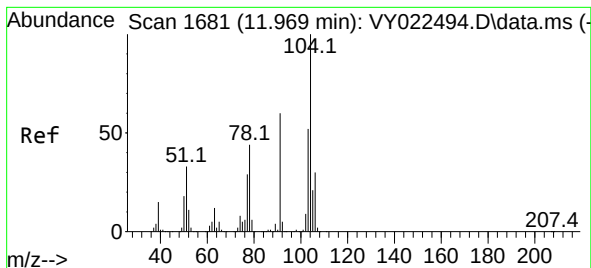
Tgt Ion:106 Resp: 52527
Ion Ratio Lower Upper
106 100
91 196.5 159.4 239.0



#69
o-Xylene
Concen: 6.977 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion:106 Resp: 23826
Ion Ratio Lower Upper
106 100
91 206.8 105.8 317.3





#70

Styrene

Concen: 1.569 ug/l

RT: 11.969 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY022662.D

Acq: 11 Jun 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0082-LAW-250083

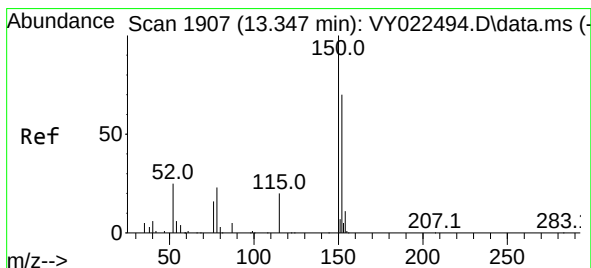
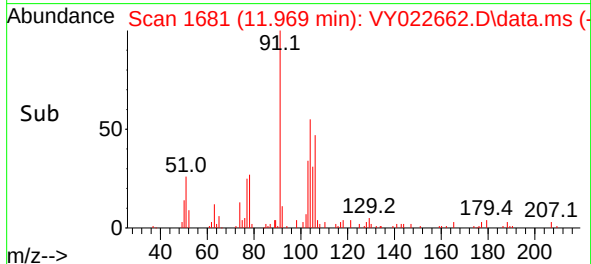
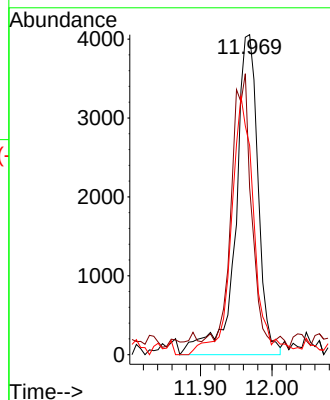
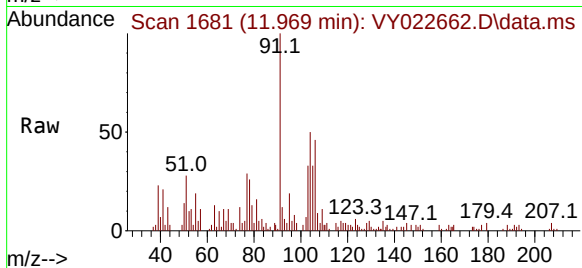
Tgt Ion:104 Resp: 8860

Ion Ratio Lower Upper

104 100

78 74.8 39.5 59.3#

103 82.3 44.1 66.1#



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.346 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022662.D

Acq: 11 Jun 2025 14:21

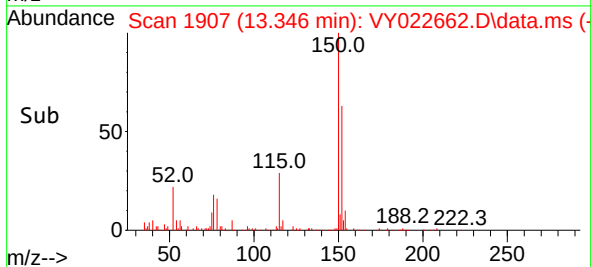
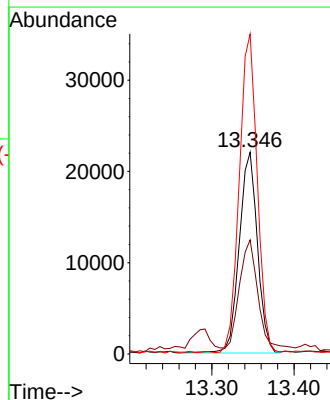
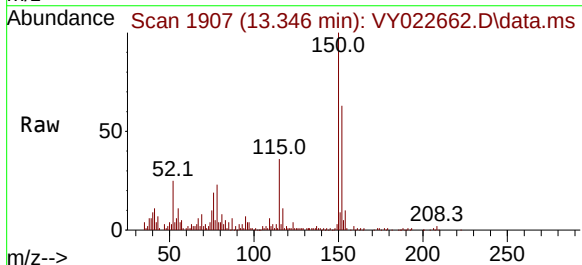
Tgt Ion:152 Resp: 33900

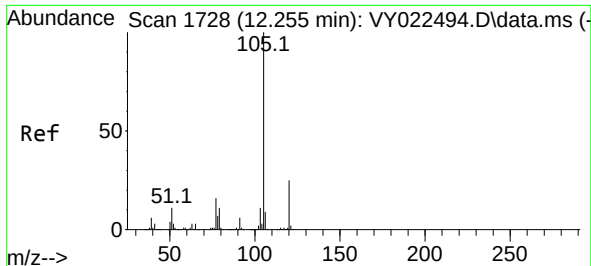
Ion Ratio Lower Upper

152 100

115 53.2 28.9 86.7

150 155.8 0.0 349.6

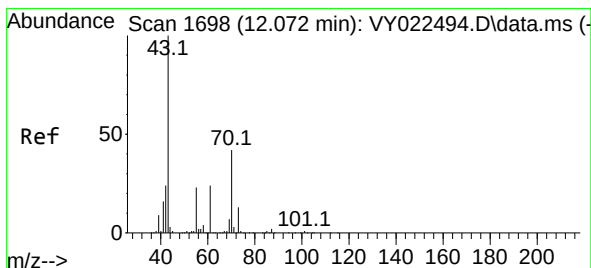
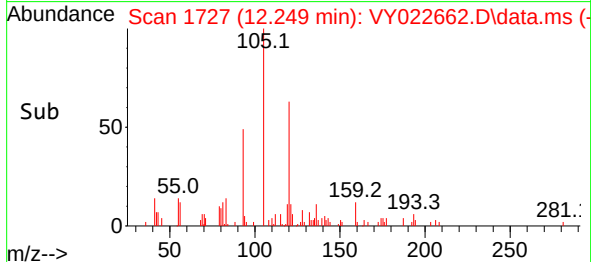
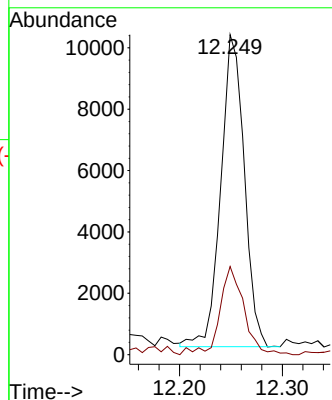
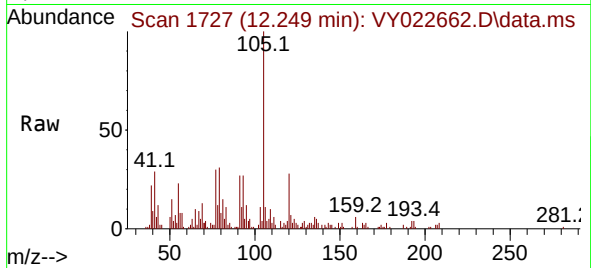




#73
Isopropylbenzene
Concen: 5.791 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

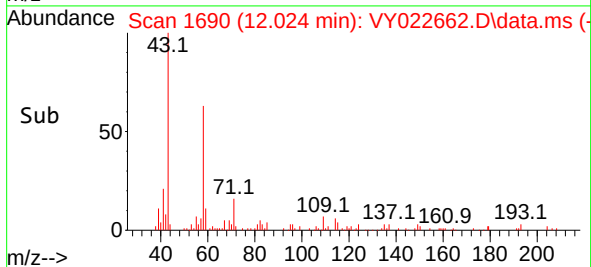
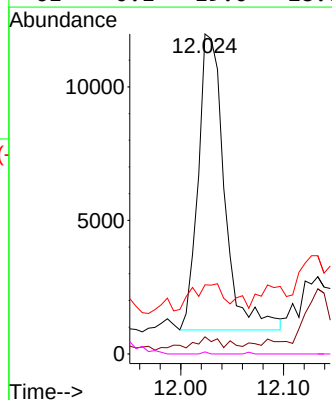
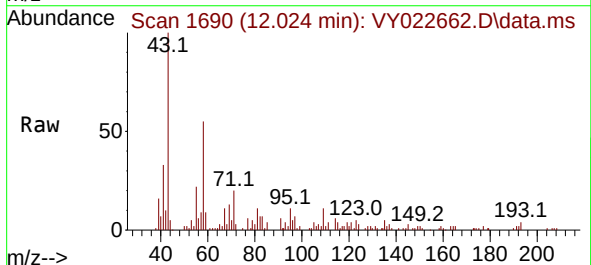
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

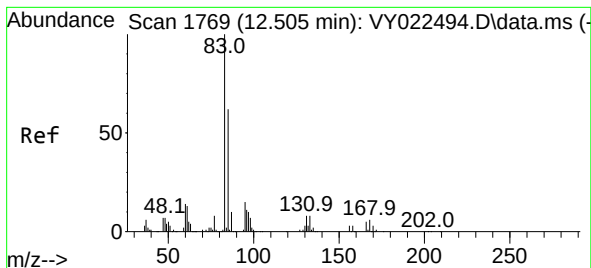
Tgt Ion:105 Resp: 16117
Ion Ratio Lower Upper
105 100
120 29.1 13.0 38.9



#74
N-ethyl acetate
Concen: 28.092 ug/l
RT: 12.024 min Scan# 1690
Delta R.T. -0.049 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 43 Resp: 19728
Ion Ratio Lower Upper
43 100
70 5.8 34.2 51.2#
55 10.6 18.2 27.4#
61 0.1 19.0 28.6#





#75

1,1,2,2-Tetrachloroethane

Concen: 1.478 ug/l

RT: 12.505 min Scan# 1769

Delta R.T. -0.000 min

Lab File: VY022662.D

Acq: 11 Jun 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0082-LAW-250083

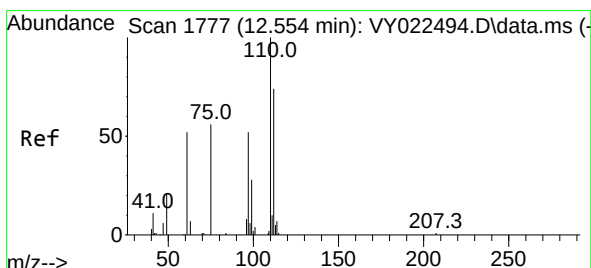
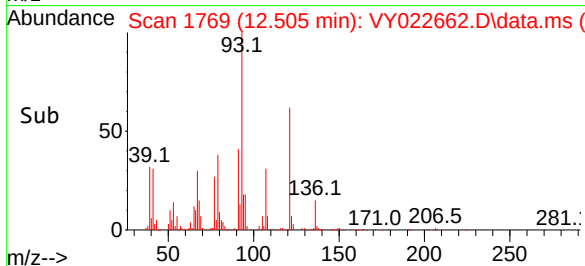
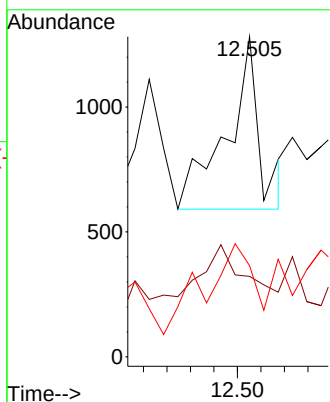
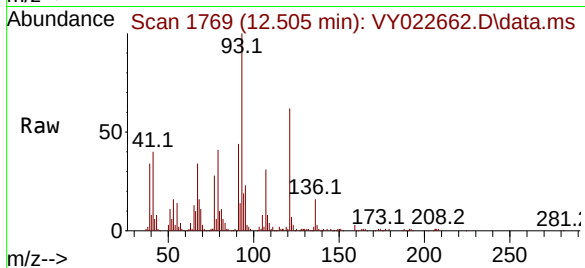
Tgt Ion: 83 Resp: 675

Ion Ratio Lower Upper

83 100

131 52.6 4.9 14.7#

85 79.3 32.6 97.8



#76

1,2,3-Trichloropropane

Concen: 98.456 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022662.D

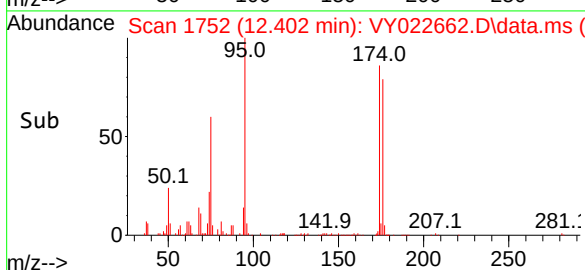
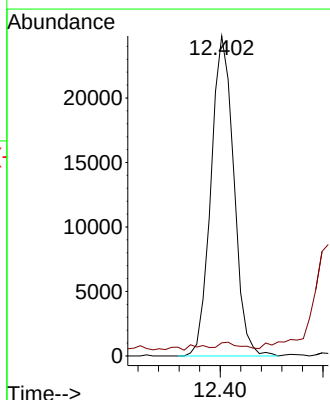
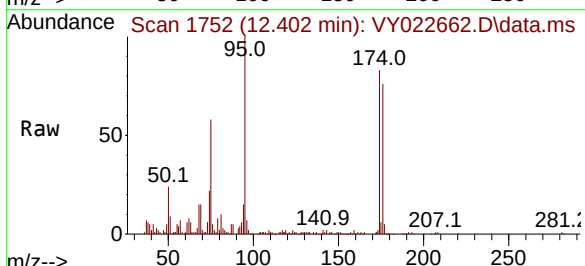
Acq: 11 Jun 2025 14:21

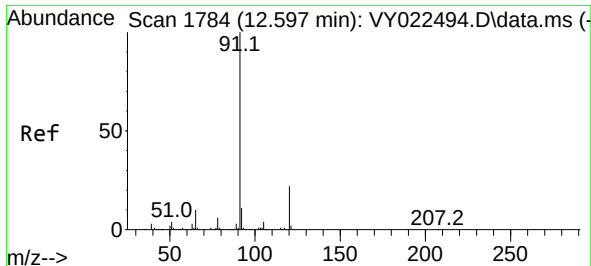
Tgt Ion: 75 Resp: 38184

Ion Ratio Lower Upper

75 100

77 1.6 0.0 0.0#

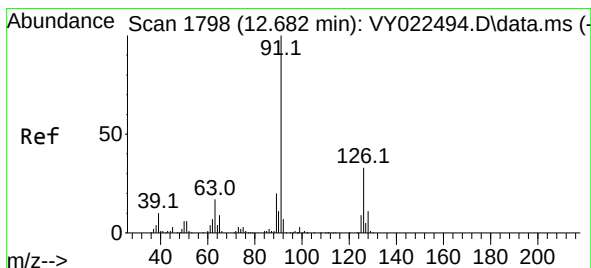
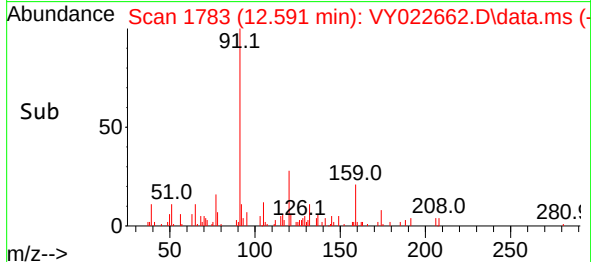
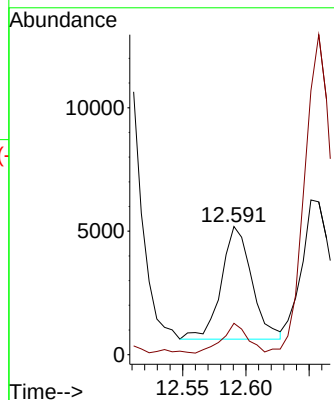
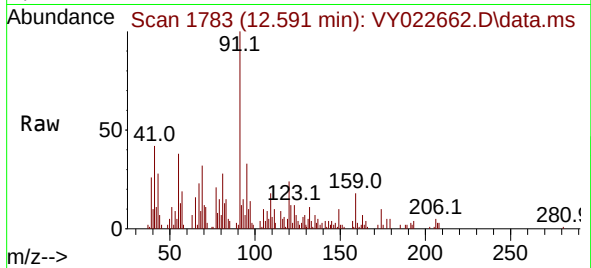




#78
n-propylbenzene
Concen: 2.252 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

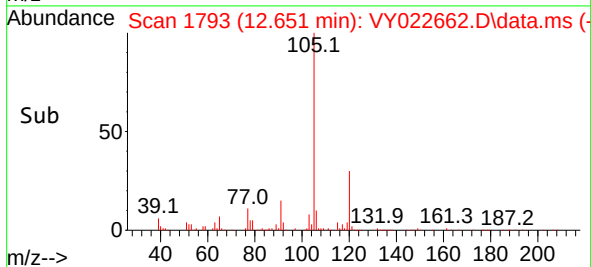
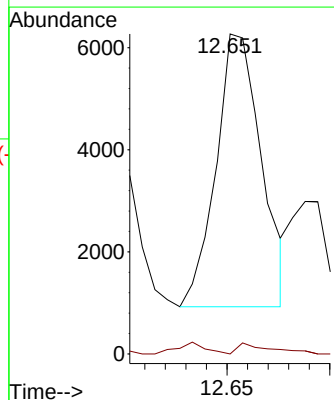
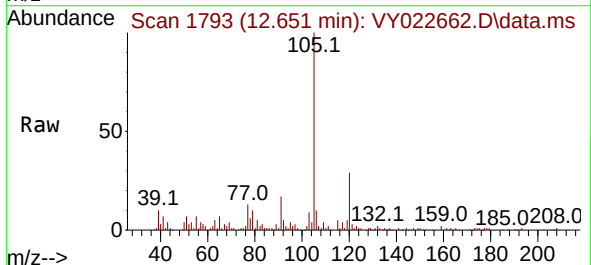
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

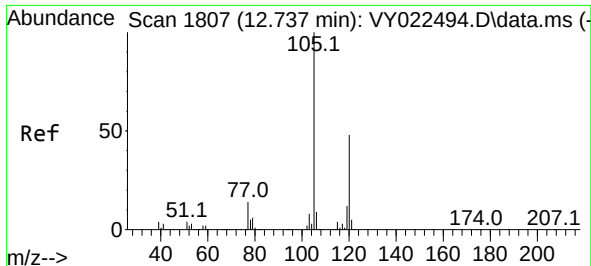
Tgt Ion: 91 Resp: 7657
Ion Ratio Lower Upper
91 100
120 21.8 10.8 32.4



#79
2-Chlorotoluene
Concen: 4.557 ug/l
RT: 12.651 min Scan# 1793
Delta R.T. -0.031 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion: 91 Resp: 8210
Ion Ratio Lower Upper
91 100
126 2.9 17.0 51.0#

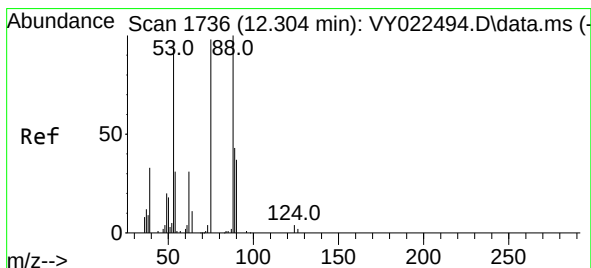
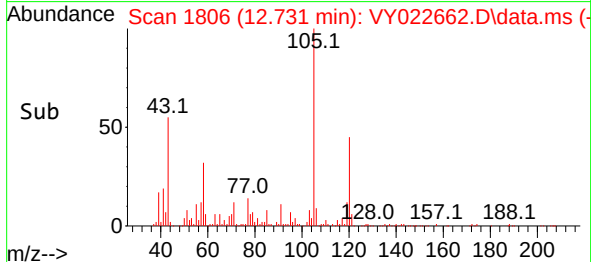
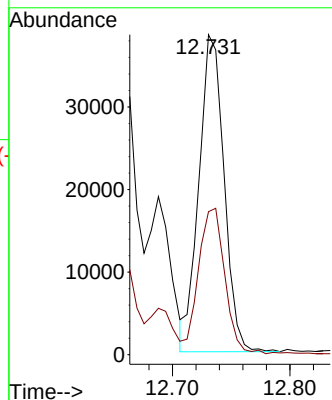
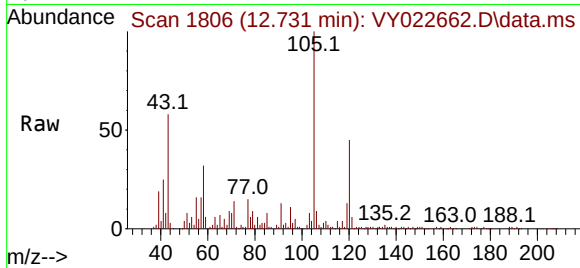




#80
 1,3,5-Trimethylbenzene
 Concen: 26.133 ug/l
 RT: 12.731 min Scan# 1752
 Delta R.T. -0.006 min
 Lab File: VY022662.D
 Acq: 11 Jun 2025 14:21

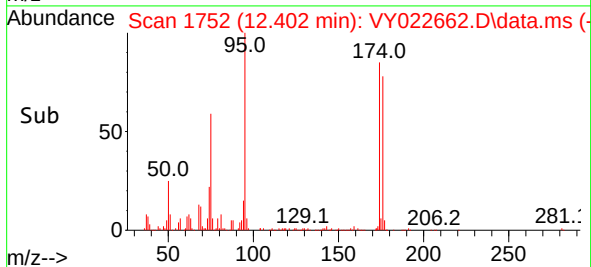
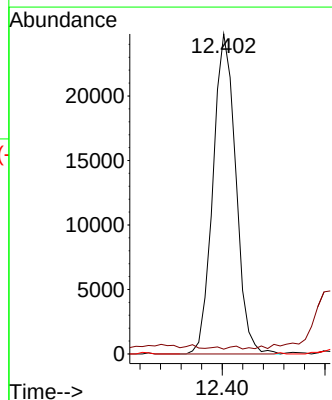
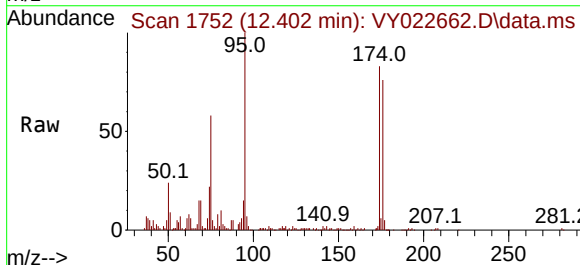
Instrument :
 MSVOA_Y
 ClientSampleId :
 LAW-25-0082-LAW-250083

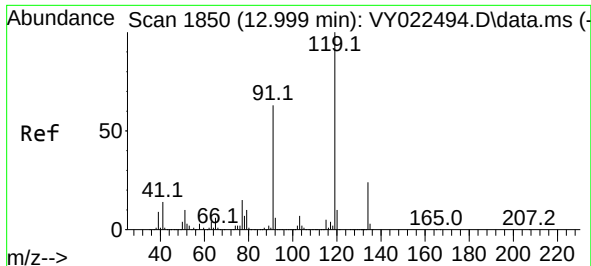
Tgt Ion:105 Resp: 57102
 Ion Ratio Lower Upper
 105 100
 120 47.5 24.1 72.4



#81
 trans-1,4-Dichloro-2-butene
 Concen: 237.765 ug/l
 RT: 12.402 min Scan# 1752
 Delta R.T. 0.097 min
 Lab File: VY022662.D
 Acq: 11 Jun 2025 14:21

Tgt Ion: 75 Resp: 38184
 Ion Ratio Lower Upper
 75 100
 53 0.0 78.5 117.7#
 89 0.0 35.7 53.5#

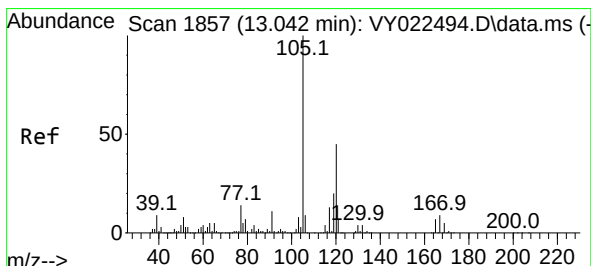
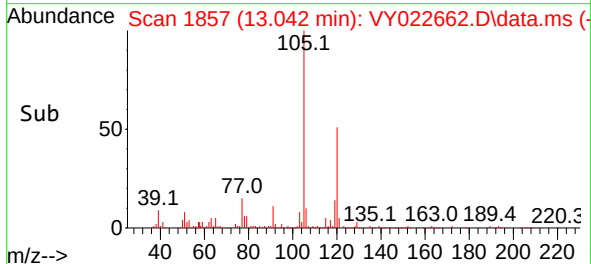
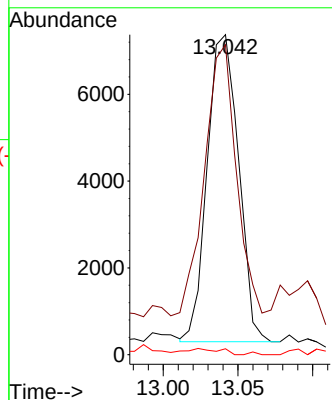
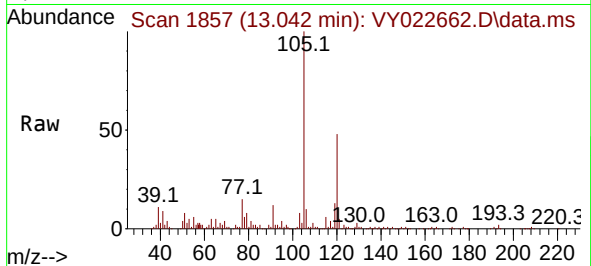




#83
tert-Butylbenzene
Concen: 5.259 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. 0.043 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

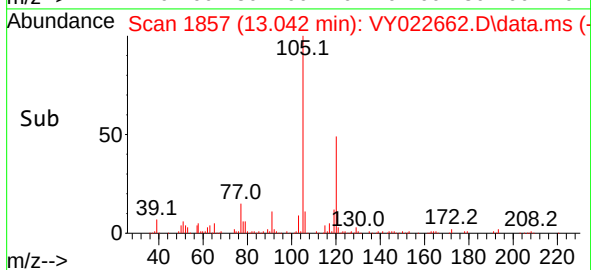
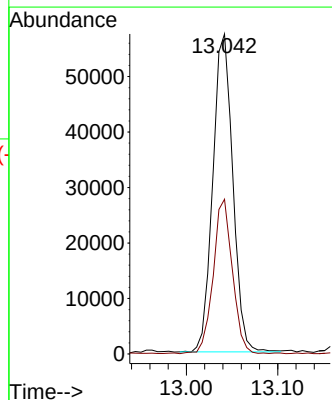
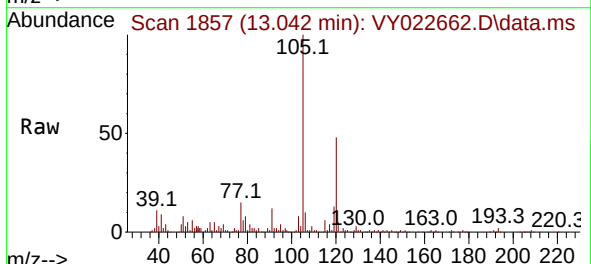
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

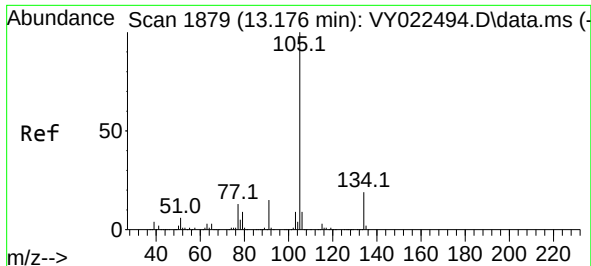
Tgt Ion:119 Resp: 10314
Ion Ratio Lower Upper
119 100
91 89.4 32.1 96.3
134 2.2 13.0 38.9#



#84
1,2,4-Trimethylbenzene
Concen: 39.809 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.000 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion:105 Resp: 86999
Ion Ratio Lower Upper
105 100
120 46.5 22.7 68.1

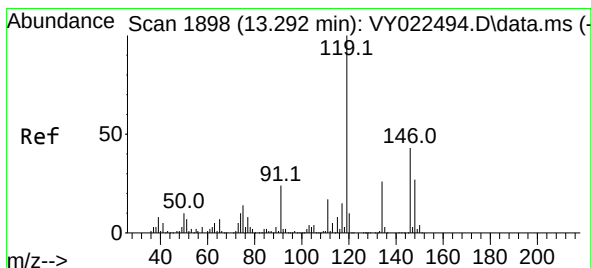
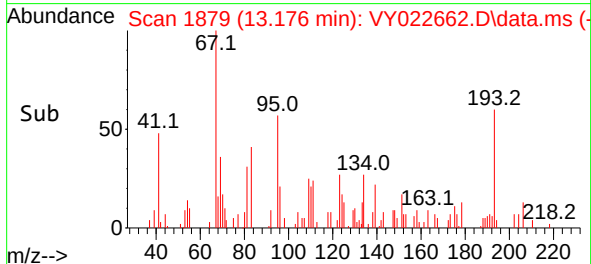
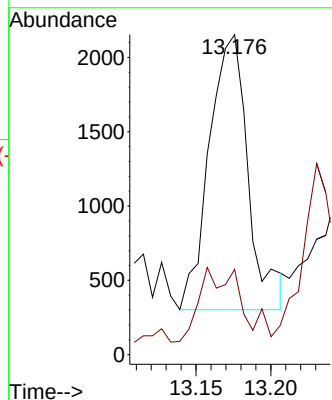
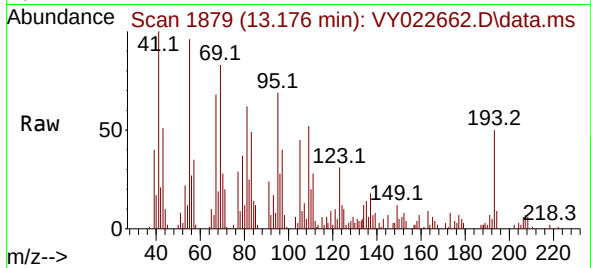




#85
 sec-Butylbenzene
 Concen: 1.117 ug/l
 RT: 13.176 min Scan# 1879
 Delta R.T. -0.000 min
 Lab File: VY022662.D
 Acq: 11 Jun 2025 14:21

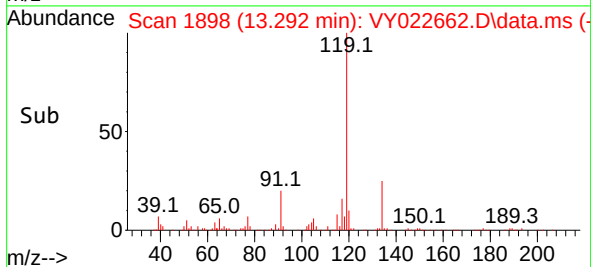
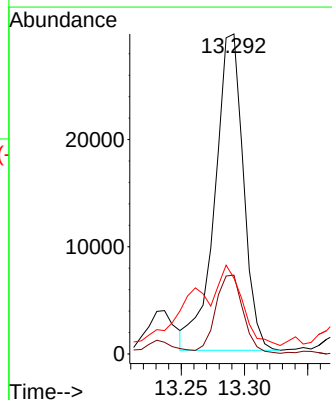
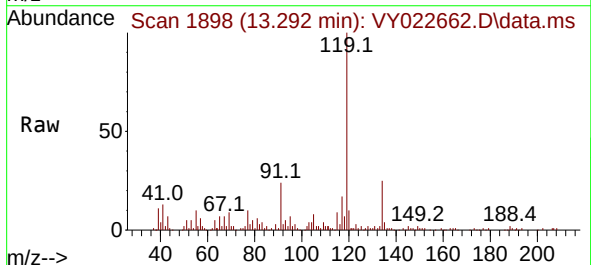
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 LAW-25-0082-LAW-250083

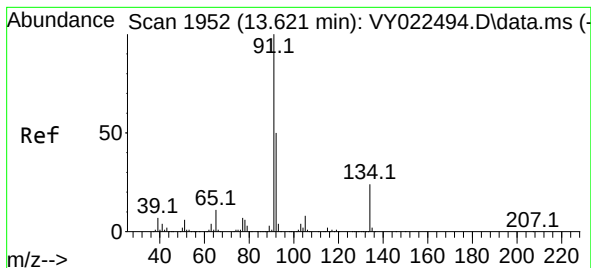
Tgt Ion:105 Resp: 3356
 Ion Ratio Lower Upper
 105 100
 134 38.8 9.7 28.9#



#86
 p-Isopropyltoluene
 Concen: 18.693 ug/l
 RT: 13.292 min Scan# 1898
 Delta R.T. -0.000 min
 Lab File: VY022662.D
 Acq: 11 Jun 2025 14:21

Tgt Ion:119 Resp: 46280
 Ion Ratio Lower Upper
 119 100
 134 23.8 13.1 39.1
 91 21.6 11.6 34.8





#89

n-Butylbenzene

Concen: 23.022 ug/l

RT: 13.542 min Scan# 1952

Delta R.T. -0.079 min

Lab File: VY022662.D

Acq: 11 Jun 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0082-LAW-250083

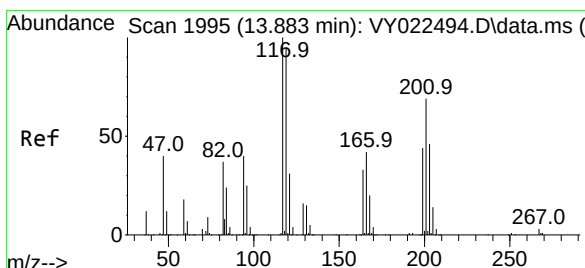
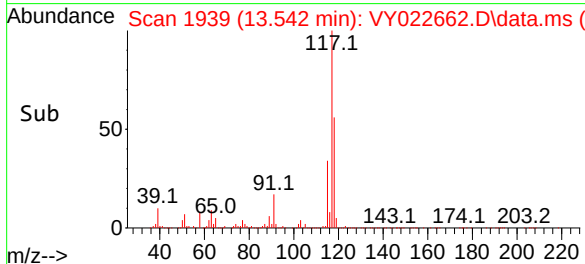
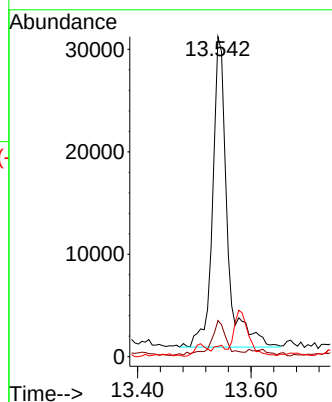
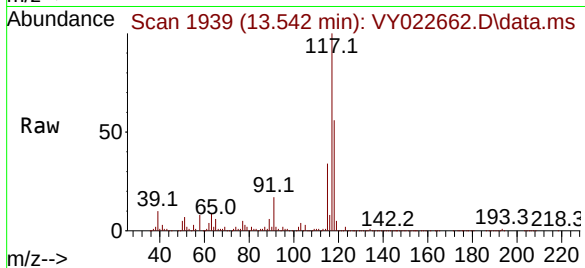
Tgt Ion: 91 Resp: 54076

Ion Ratio Lower Upper

91 100

92 11.9 25.9 77.8#

134 1.2 12.0 36.1#



#90

Hexachloroethane

Concen: 3.201 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY022662.D

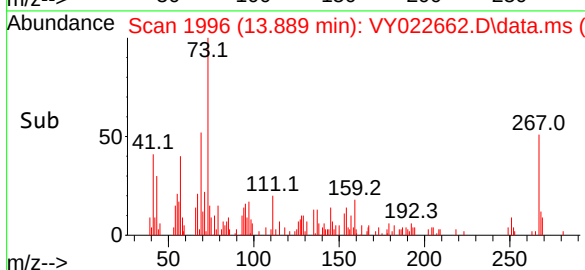
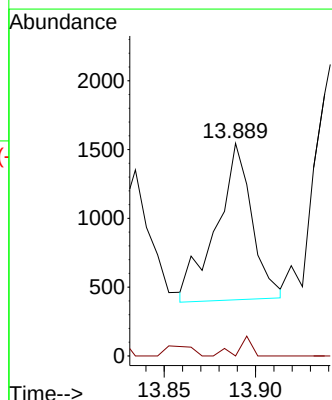
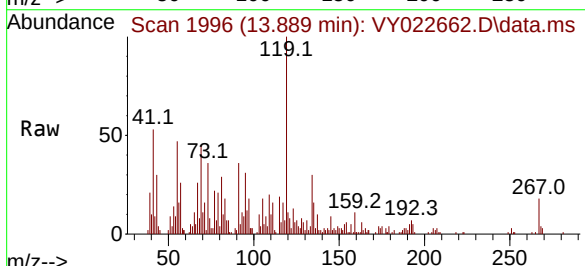
Acq: 11 Jun 2025 14:21

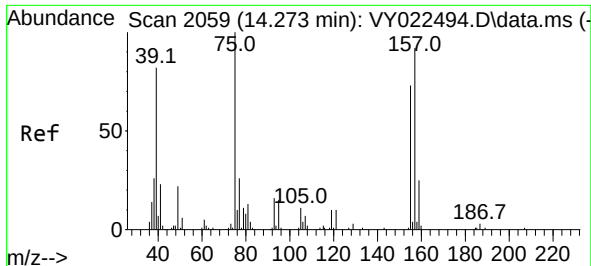
Tgt Ion: 117 Resp: 1543

Ion Ratio Lower Upper

117 100

201 4.7 34.0 102.0#

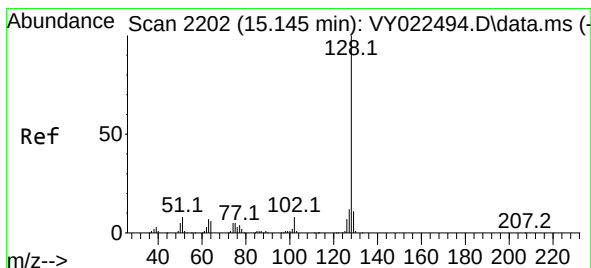
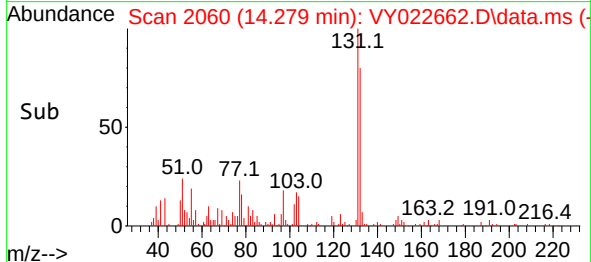
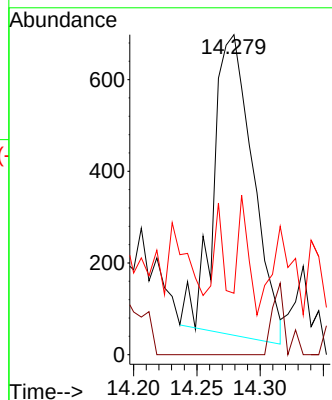
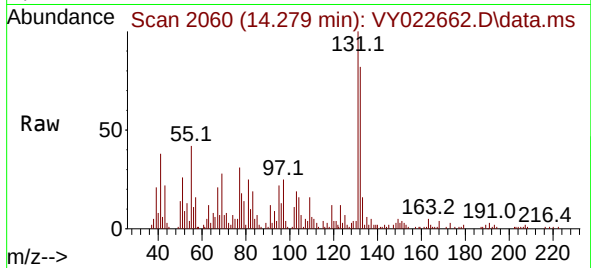




#92
1,2-Dibromo-3-Chloropropane
Concen: 21.201 ug/l
RT: 14.279 min Scan# 2059
Delta R.T. 0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

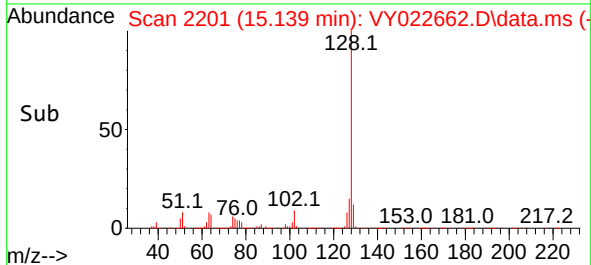
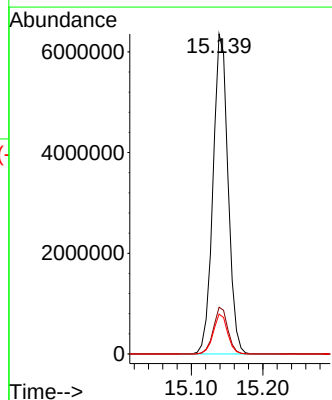
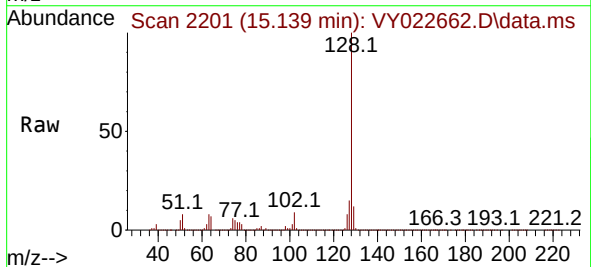
Instrument :
MSVOA_Y
ClientSampleId :
LAW-25-0082-LAW-250083

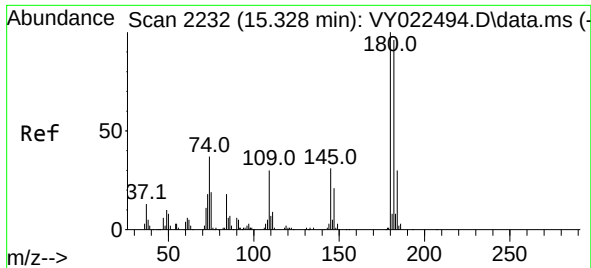
Tgt Ion: 75 Resp: 1410
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 9.9 54.0 162.0#



#95
Naphthalene
Concen: 8745.294 ug/l
RT: 15.139 min Scan# 2201
Delta R.T. -0.006 min
Lab File: VY022662.D
Acq: 11 Jun 2025 14:21

Tgt Ion:128 Resp: 9247428
Ion Ratio Lower Upper
128 100
127 14.0 10.4 15.6
129 11.9 8.9 13.3





#96

1,2,3-Trichlorobenzene

Concen: 1.726 ug/l

RT: 15.346 min Scan# 21

Delta R.T. 0.018 min

Lab File: VY022662.D

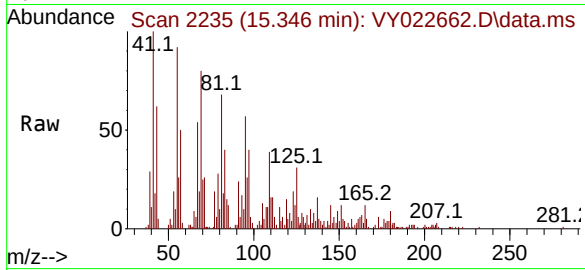
Acq: 11 Jun 2025 14:21

Instrument :

MSVOA_Y

ClientSampleId :

LAW-25-0082-LAW-250083



Tgt Ion:180 Resp: 815

Ion Ratio Lower Upper

180 100

182 40.7 47.1 141.3#

145 0.0 15.2 45.6#

