

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060425\
 Data File : VY022544.D
 Acq On : 04 Jun 2025 12:39
 Operator : SY/MD
 Sample : Q2168-03
 Misc : 5.44g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 A3RE

Quant Time: Jun 05 04:13:53 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060225S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 03 03:22:04 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	15310	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	23690	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	13874	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	2305	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	6074	35.472	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	70.940%
35) Dibromofluoromethane	7.634	113	4696	33.211	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	66.420%
50) Toluene-d8	10.103	98	24545	42.960	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	85.920%
62) 4-Bromofluorobenzene	12.408	95	4064	23.873	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	47.740%

Target Compounds				Qvalue		
3) Chloromethane	2.068	50	663	1.637	ug/l	90
5) Bromomethane	2.611	94	629	1.397	ug/l	# 78
10) Methyl Iodide	4.019	142	602	3.312	ug/l	# 87
11) Tert butyl alcohol	4.970	59	37	3.025	ug/l	# 73
13) Acrolein	3.671	56	72	4.724	ug/l	# 14
15) Acrylonitrile	5.019	53	81	2.130	ug/l	# 17
16) Acetone	3.897	43	139	3.997	ug/l	# 45
18) Methyl Acetate	4.385	43	152	1.476	ug/l	# 51
29) Tetrahydrofuran	7.262	42	68	2.102	ug/l	# 31
31) Cyclohexane	7.707	56	719	2.185	ug/l	# 33
36) 1,1-Dichloropropene	7.707	75	1491	6.497	ug/l	# 48
38) Carbon Tetrachloride	7.701	117	1734	7.365	ug/l	# 13
40) Benzene	8.079	78	9310	13.735	ug/l	98
52) Toluene	10.170	92	12274	28.814	ug/l	95
59) 2-Hexanone	10.743	43	237	3.216	ug/l	# 24
67) Ethyl Benzene	11.511	91	3358	5.897	ug/l	96
68) m/p-Xylenes	11.621	106	6142	28.452	ug/l	98
69) o-Xylene	11.950	106	2567	12.683	ug/l	93
70) Styrene	11.969	104	767	2.293	ug/l	# 60
73) Isopropylbenzene	12.249	105	286	1.511	ug/l	# 49
74) N-amyl acetate	12.054	43	158	3.309	ug/l	# 36
76) 1,2,3-Trichloropropane	12.402	75	2683	101.744	ug/l	# 100
78) n-propylbenzene	12.597	91	838	3.626	ug/l	87
79) 2-Chlorotoluene	12.676	91	298	2.433	ug/l	# 41
80) 1,3,5-Trimethylbenzene	12.731	105	1191	8.016	ug/l	79
81) trans-1,4-Dichloro-2-b...	12.402	75	2683	245.706	ug/l	# 10
82) 4-Chlorotoluene	12.780	91	150	1.187	ug/l	# 41
83) tert-Butylbenzene	12.999	119	148	1.110	ug/l	# 27
84) 1,2,4-Trimethylbenzene	13.048	105	2773	18.661	ug/l	94
85) sec-Butylbenzene	13.170	105	354	1.733	ug/l	# 57
86) p-Isopropyltoluene	13.286	119	212	1.259	ug/l	# 70
89) n-Butylbenzene	13.615	91	262	1.640	ug/l	87
92) 1,2-Dibromo-3-Chloropr...	14.212	75	22	4.865	ug/l	# 2
93) 1,2,4-Trichlorobenzene	14.919	180	61	1.628	ug/l	# 12
95) Naphthalene	15.145	128	1391	19.347	ug/l	# 85

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ALS Vial : 8 Sample Multiplier: 1

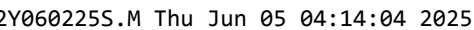
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

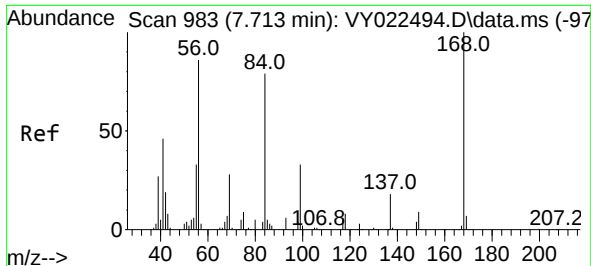
Quant Time: Jun 05 04:13:53 2025
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Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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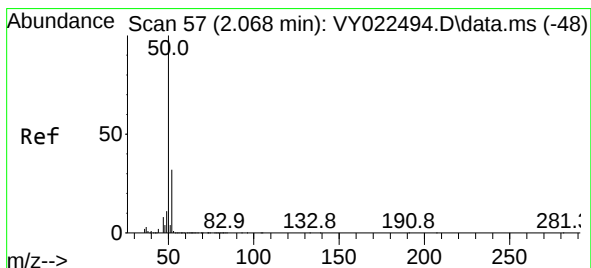
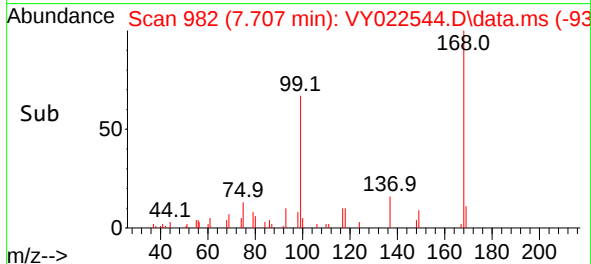
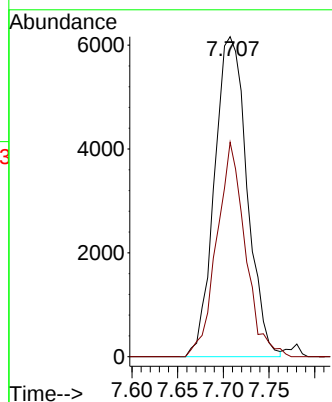
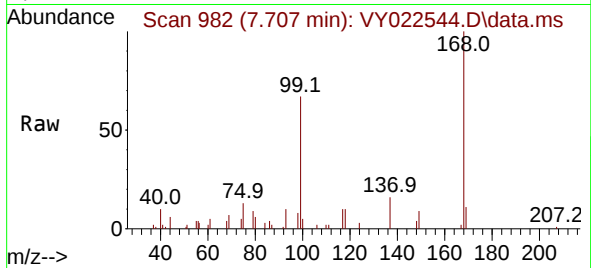




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 99
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

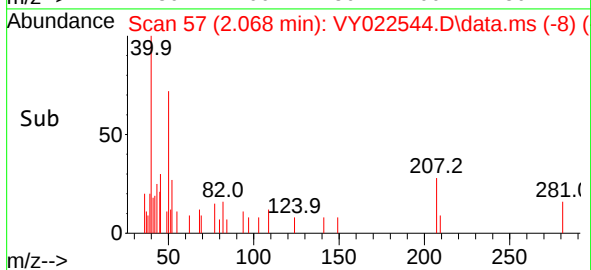
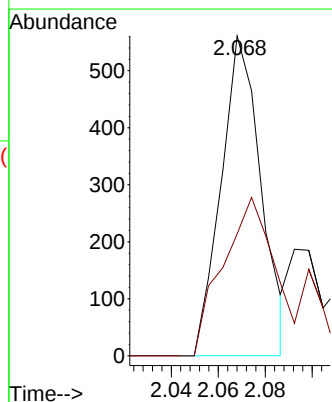
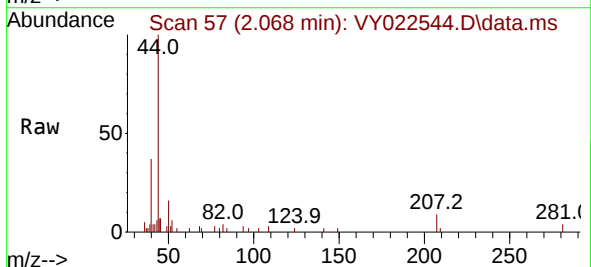
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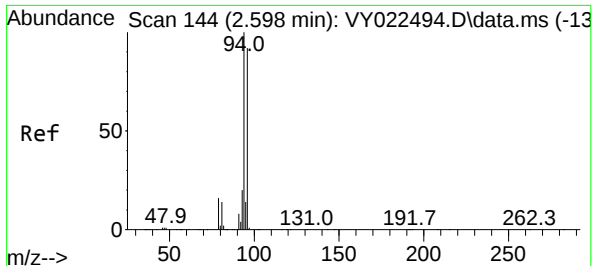
Tgt Ion:168 Resp: 15310
Ion Ratio Lower Upper
168 100
99 67.0 44.3 66.5#



#3
Chloromethane
Concen: 1.637 ug/l
RT: 2.068 min Scan# 57
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 50 Resp: 663
Ion Ratio Lower Upper
50 100
52 38.1 26.0 39.0

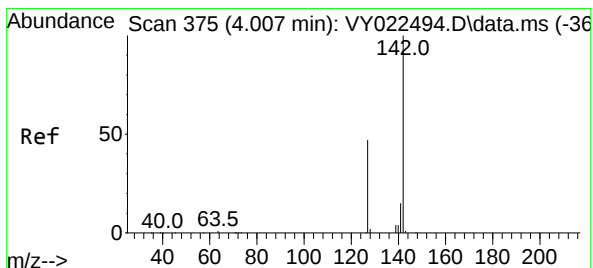
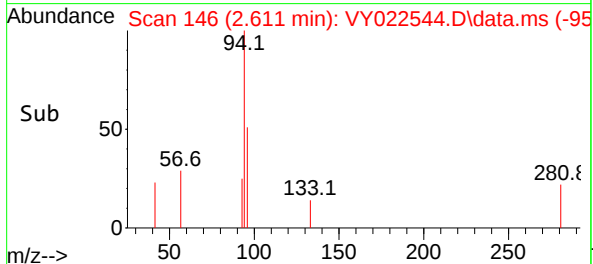
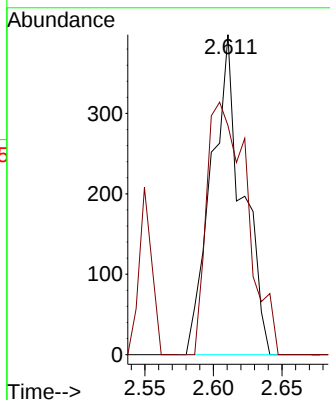
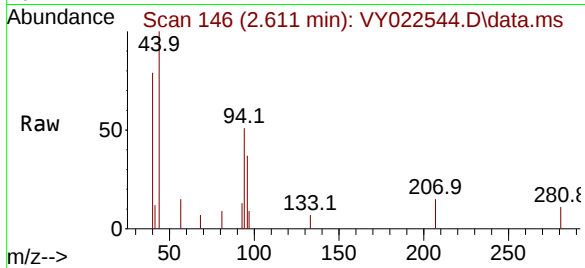




#5
Bromomethane
Concen: 1.397 ug/l
RT: 2.611 min Scan# 144
Delta R.T. 0.012 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

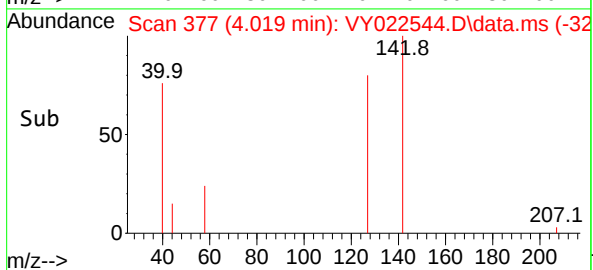
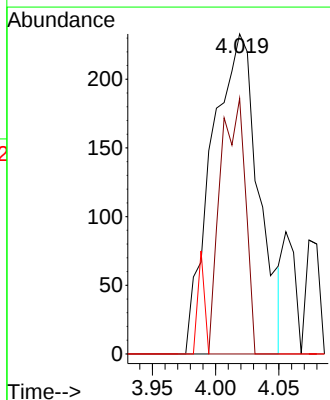
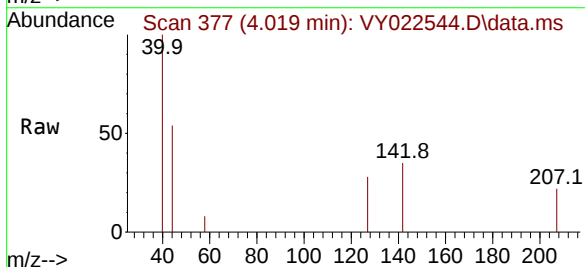
Instrument :
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ClientSampleId :
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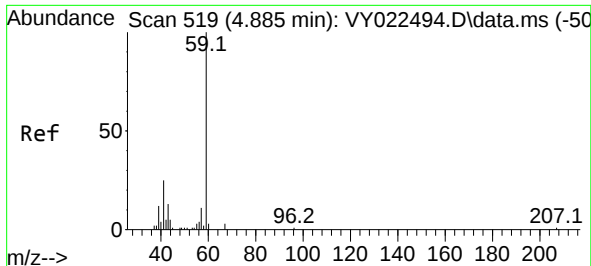
Tgt Ion: 94 Resp: 629
Ion Ratio Lower Upper
94 100
96 71.6 74.0 111.0#



#10
Methyl Iodide
Concen: 3.312 ug/l
RT: 4.019 min Scan# 377
Delta R.T. 0.012 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion:142 Resp: 602
Ion Ratio Lower Upper
142 100
127 42.4 37.1 55.7
141 0.0 11.4 17.2#

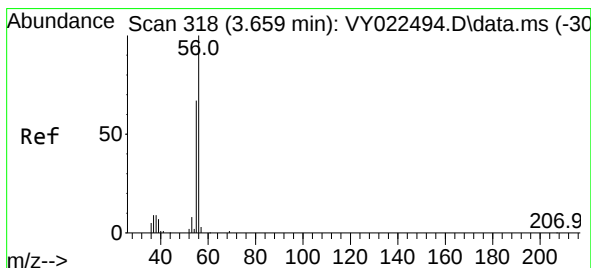
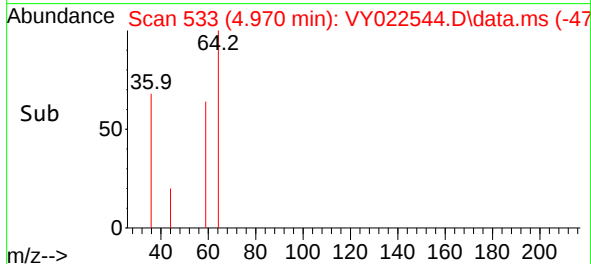
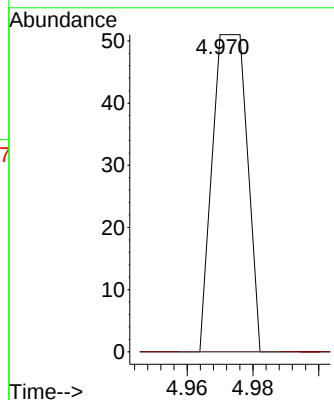
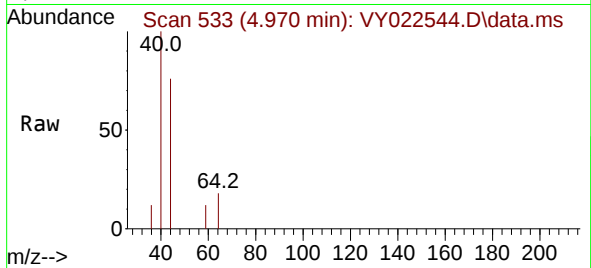




#11
Tert butyl alcohol
Concen: 3.025 ug/l
RT: 4.970 min Scan# 519
Delta R.T. 0.085 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

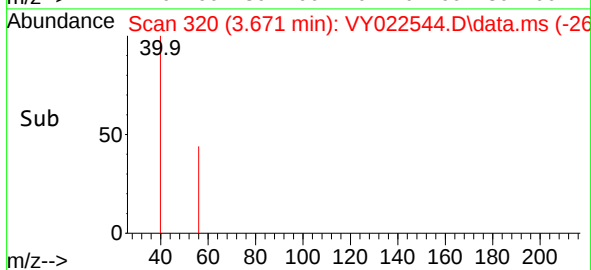
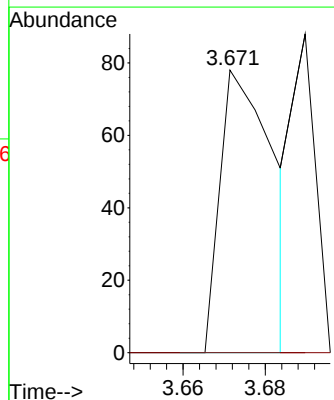
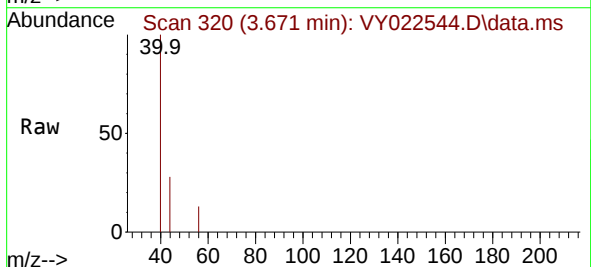
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

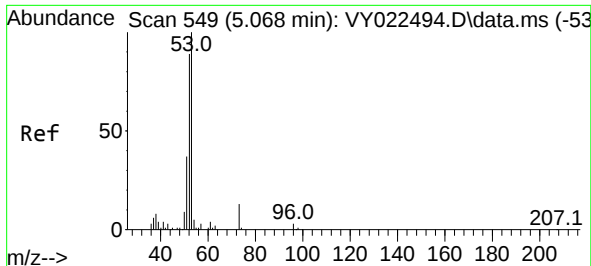
Tgt Ion: 59 Resp: 37
Ion Ratio Lower Upper
59 100
57 0.0 8.0 12.0#



#13
Acrolein
Concen: 4.724 ug/l
RT: 3.671 min Scan# 320
Delta R.T. 0.012 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 56 Resp: 72
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

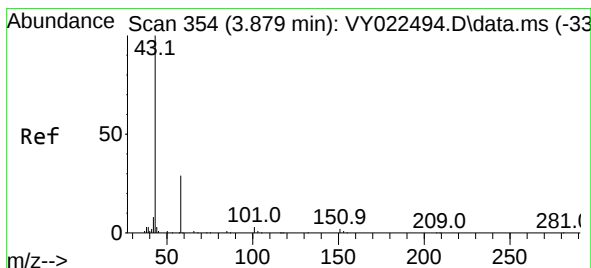
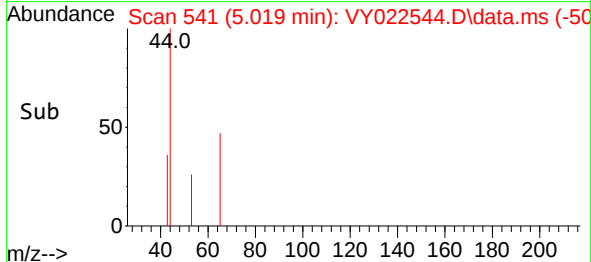
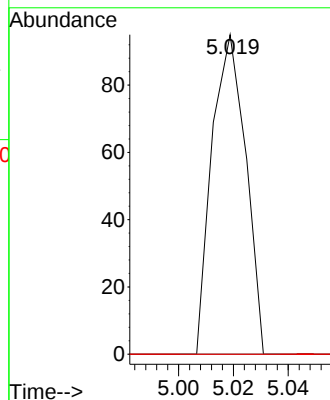
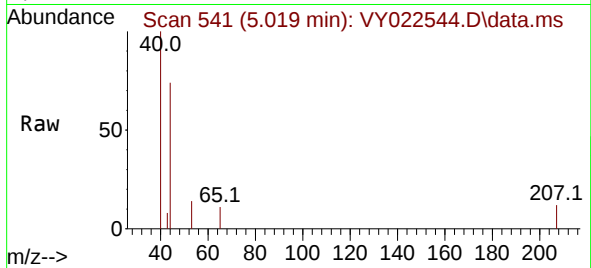




#15
Acrylonitrile
Concen: 2.130 ug/l
RT: 5.019 min Scan# 541
Delta R.T. -0.049 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

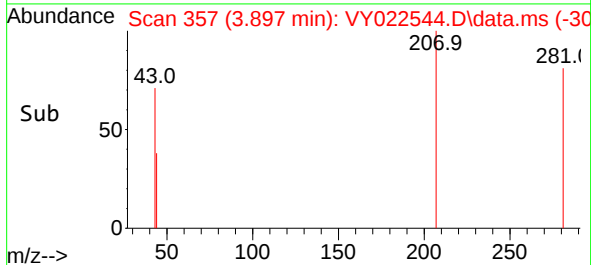
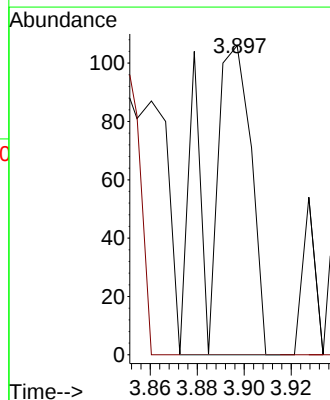
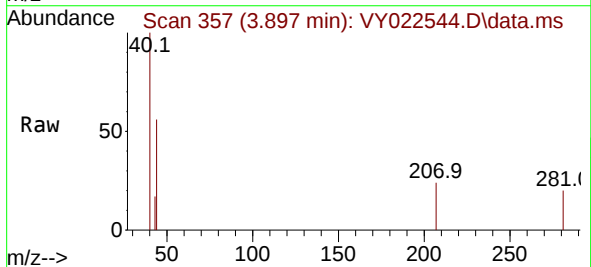
Instrument :
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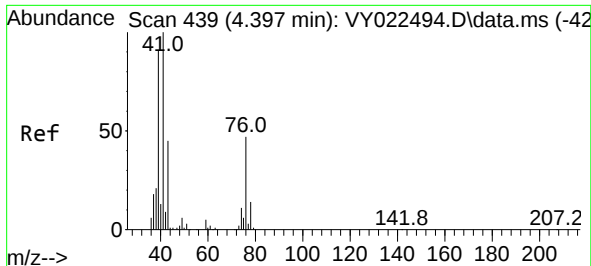
Tgt Ion: 53 Resp: 81
Ion Ratio Lower Upper
53 100
52 0.0 65.7 98.5#
51 0.0 30.1 45.1#



#16
Acetone
Concen: 3.997 ug/l
RT: 3.897 min Scan# 357
Delta R.T. 0.018 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 43 Resp: 139
Ion Ratio Lower Upper
43 100
58 0.0 24.0 36.0#

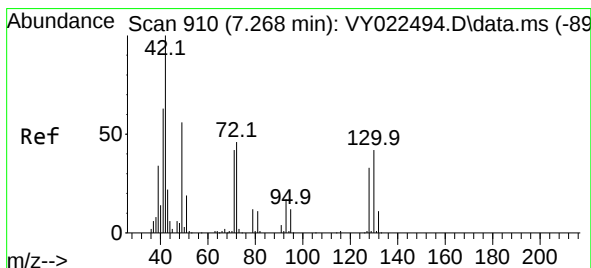
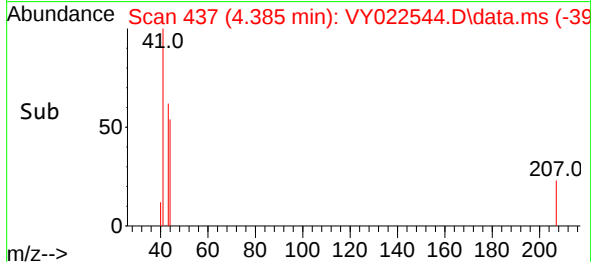
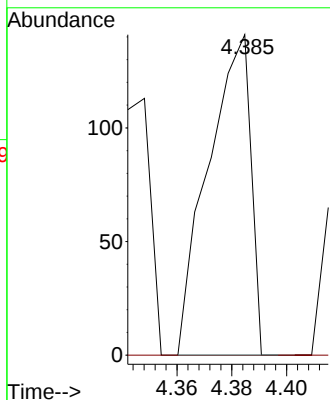
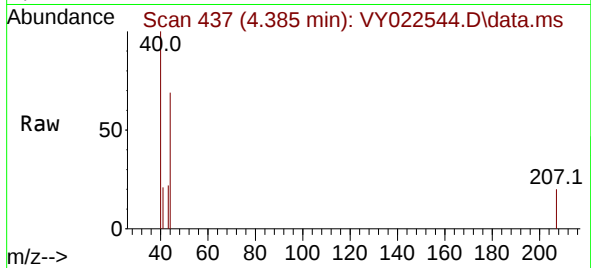




#18
Methyl Acetate
Concen: 1.476 ug/l
RT: 4.385 min Scan# 41
Delta R.T. -0.012 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

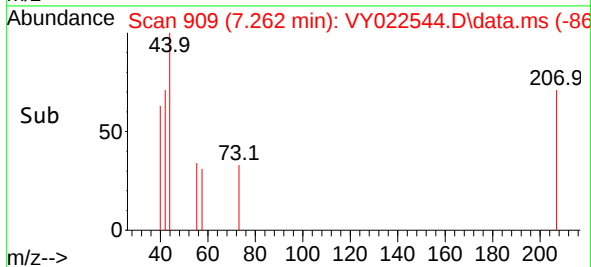
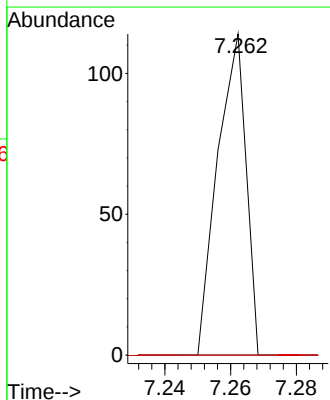
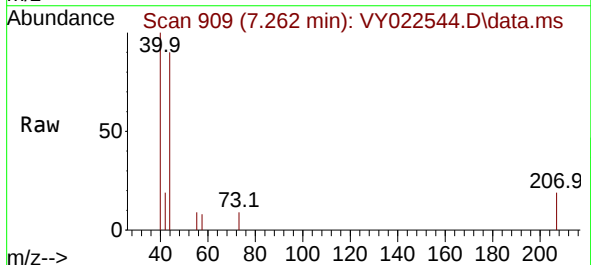
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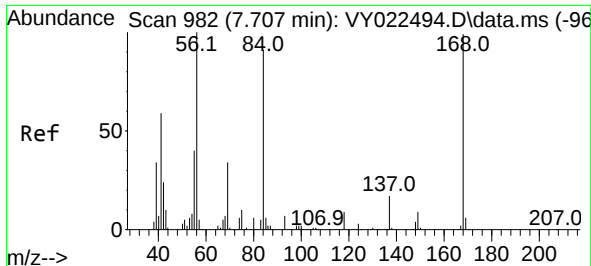
Tgt Ion: 43 Resp: 152
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#29
Tetrahydrofuran
Concen: 2.102 ug/l
RT: 7.262 min Scan# 909
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 42 Resp: 68
Ion Ratio Lower Upper
42 100
72 0.0 37.4 56.2#
71 0.0 34.2 51.2#

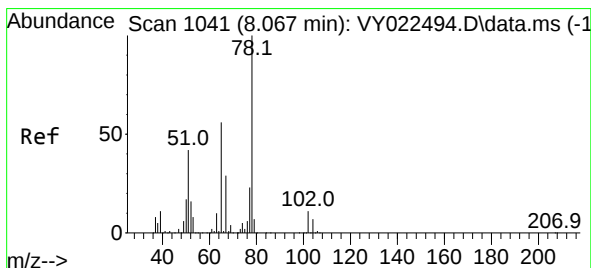
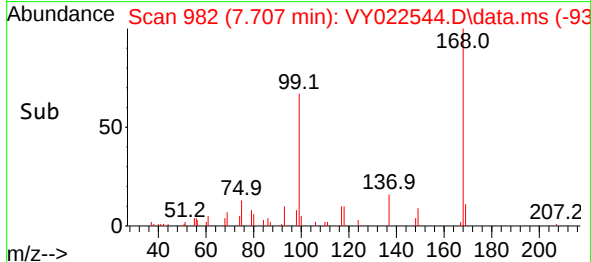
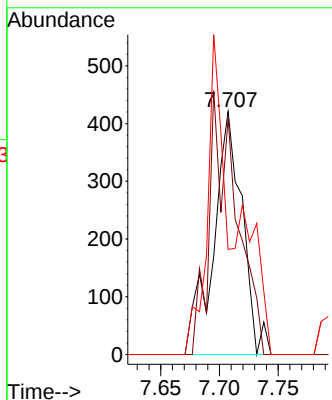
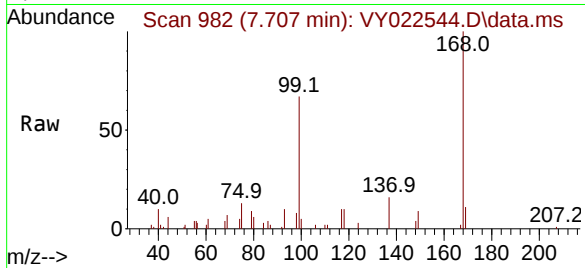




#31
Cyclohexane
Concen: 2.185 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

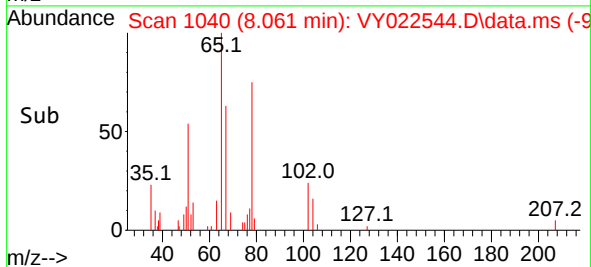
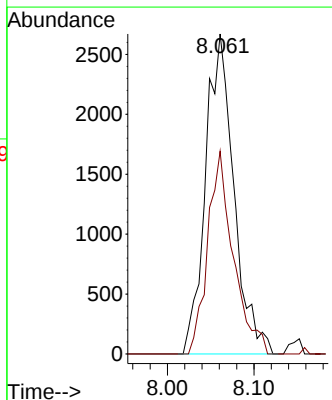
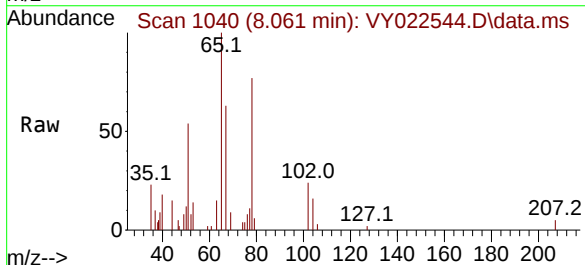
Instrument :
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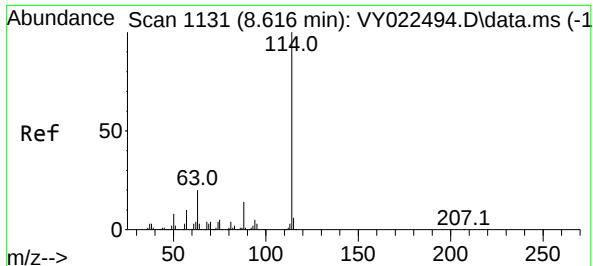
Tgt Ion: 56 Resp: 719
Ion Ratio Lower Upper
56 100
69 97.1 27.0 40.6#
84 43.2 72.6 109.0#



#33
1,2-Dichloroethane-d4
Concen: 35.472 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 65 Resp: 6074
Ion Ratio Lower Upper
65 100
67 57.1 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. -0.000 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

A3RE

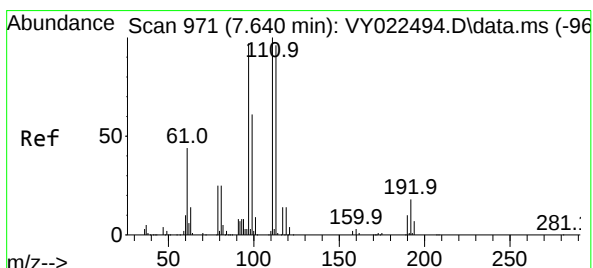
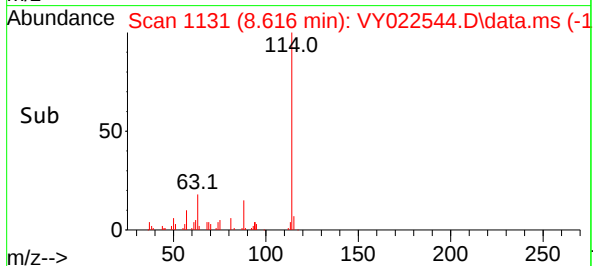
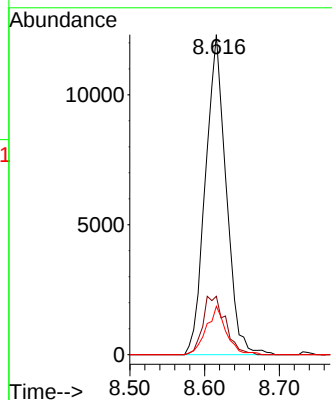
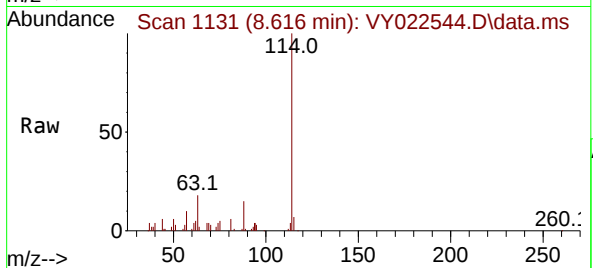
Tgt Ion:114 Resp: 23690

Ion Ratio Lower Upper

114 100

63 18.3 0.0 40.8

88 15.1 0.0 27.8



#35

Dibromofluoromethane

Concen: 33.211 ug/l

RT: 7.634 min Scan# 970

Delta R.T. -0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

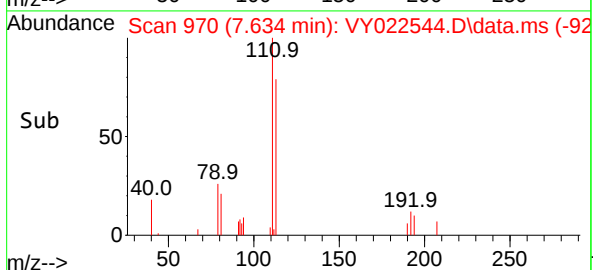
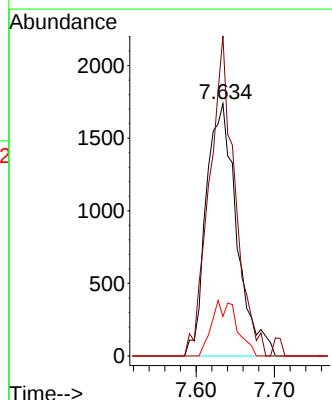
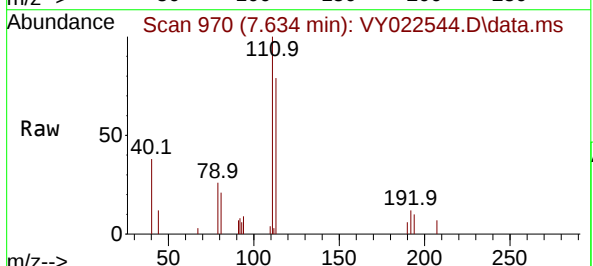
Tgt Ion:113 Resp: 4696

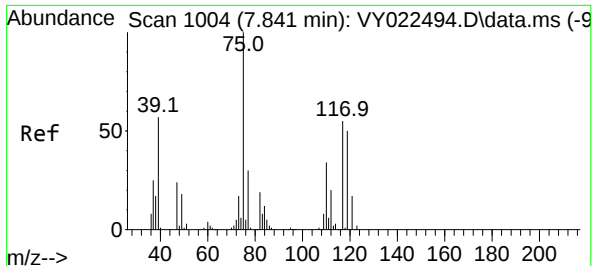
Ion Ratio Lower Upper

113 100

111 106.0 81.1 121.7

192 18.1 14.2 21.2





#36

1,1-Dichloropropene

Concen: 6.497 ug/l

RT: 7.707 min Scan# 91

Delta R.T. -0.134 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

A3RE

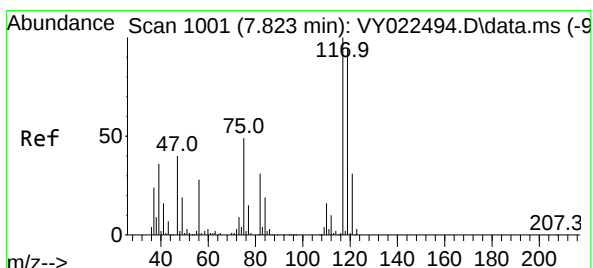
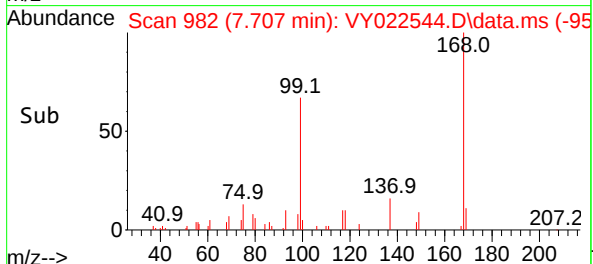
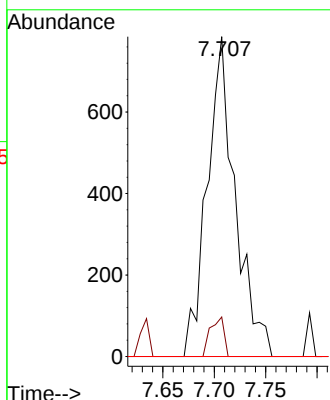
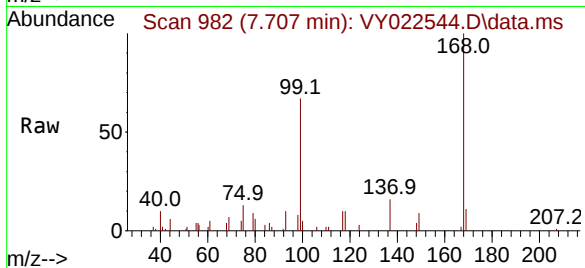
Tgt Ion: 75 Resp: 1491

Ion Ratio Lower Upper

75 100

110 6.0 16.9 50.7#

77 0.0 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 7.365 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

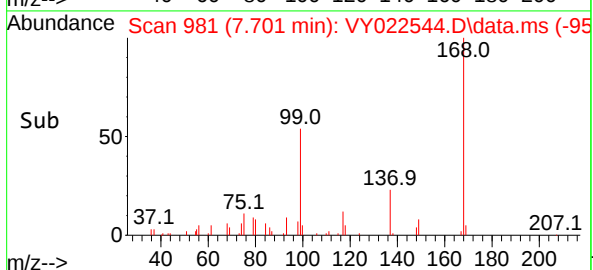
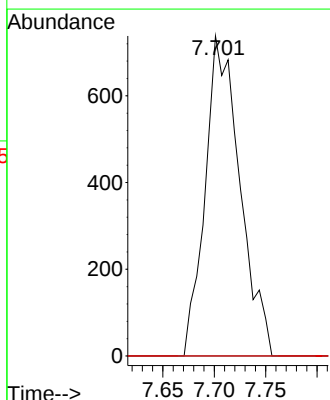
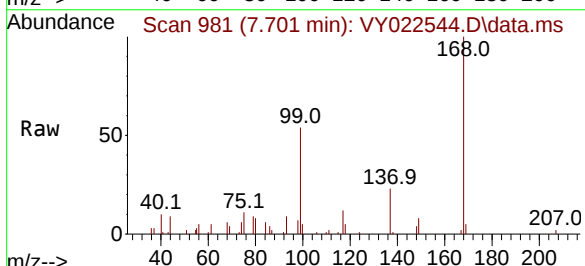
Tgt Ion: 117 Resp: 1734

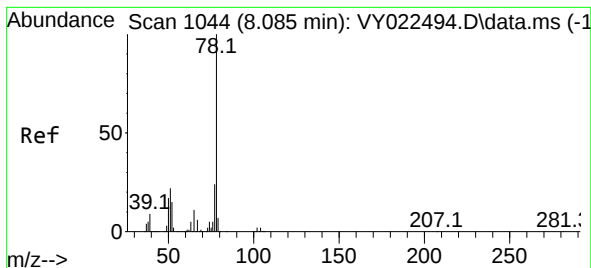
Ion Ratio Lower Upper

117 100

119 0.0 75.0 112.6#

121 0.0 25.0 37.4#





#40

Benzene

Concen: 13.735 ug/l

RT: 8.079 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

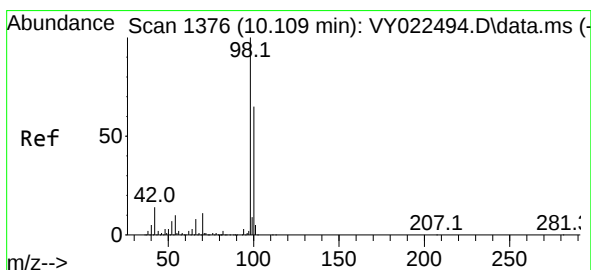
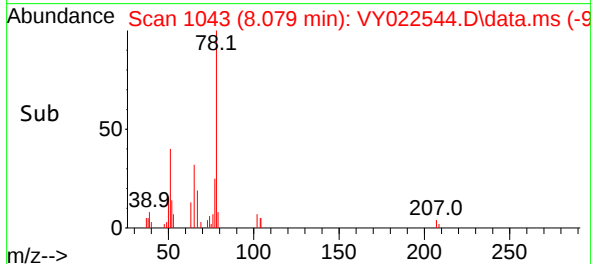
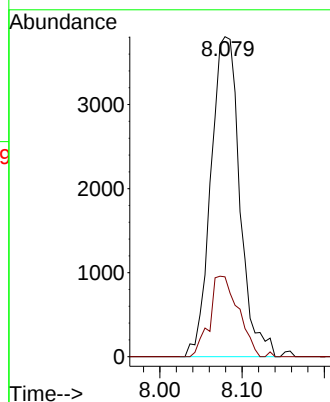
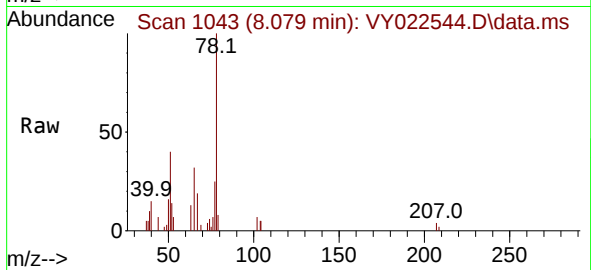
A3RE

Tgt Ion: 78 Resp: 9310

Ion Ratio Lower Upper

78 100

77 24.9 19.3 28.9



#50

Toluene-d8

Concen: 42.960 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY022544.D

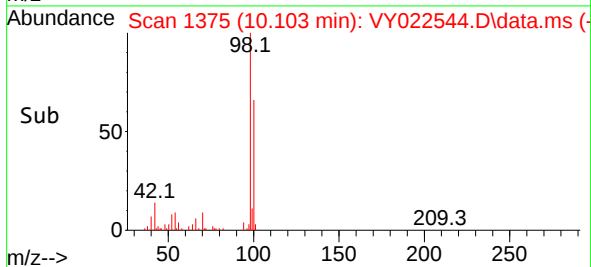
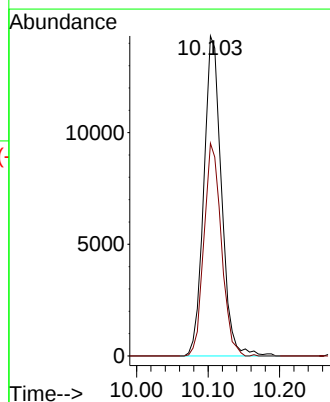
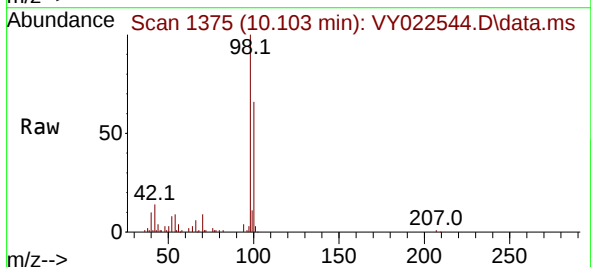
Acq: 04 Jun 2025 12:39

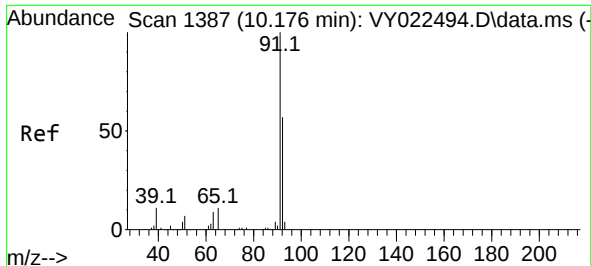
Tgt Ion: 98 Resp: 24545

Ion Ratio Lower Upper

98 100

100 65.4 51.4 77.0

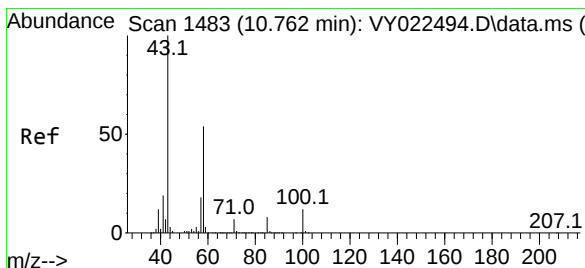
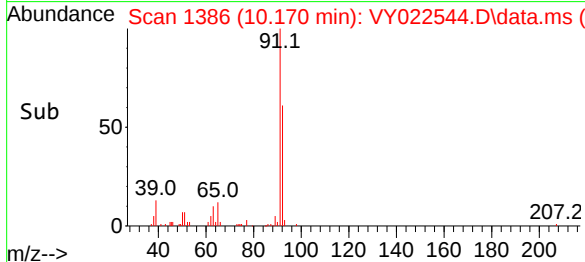
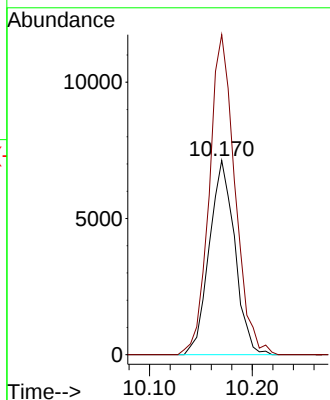
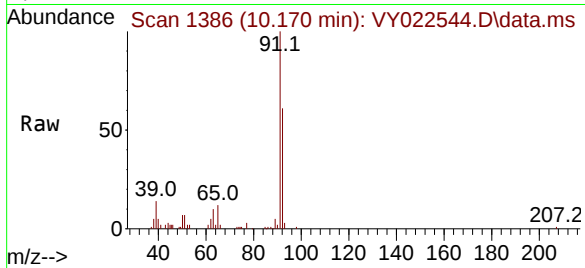




#52
Toluene
Concen: 28.814 ug/l
RT: 10.170 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

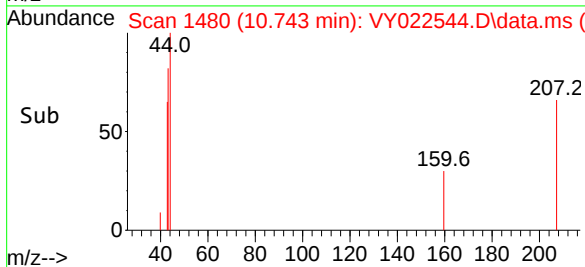
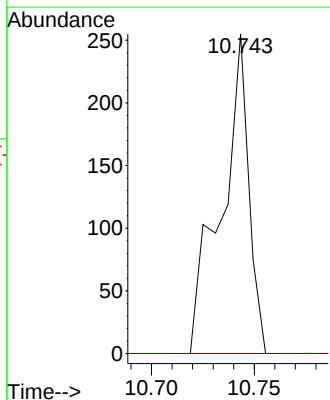
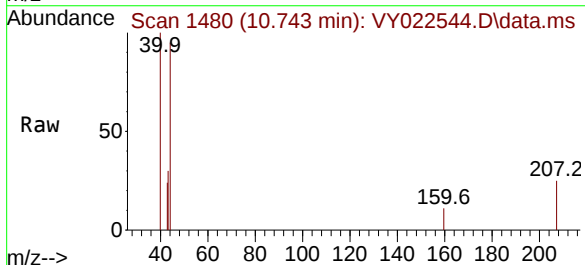
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

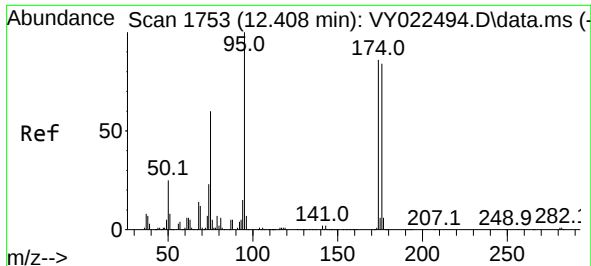
Tgt Ion: 92 Resp: 12274
Ion Ratio Lower Upper
92 100
91 166.1 139.0 208.4



#59
2-Hexanone
Concen: 3.216 ug/l
RT: 10.743 min Scan# 1480
Delta R.T. -0.018 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 43 Resp: 237
Ion Ratio Lower Upper
43 100
58 0.0 27.3 81.8#

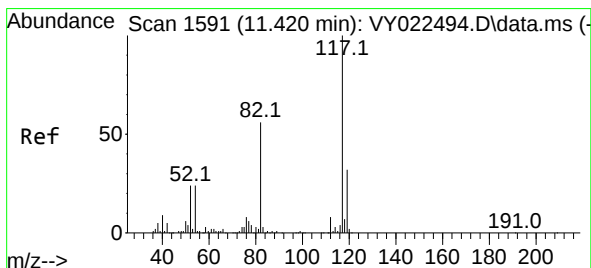
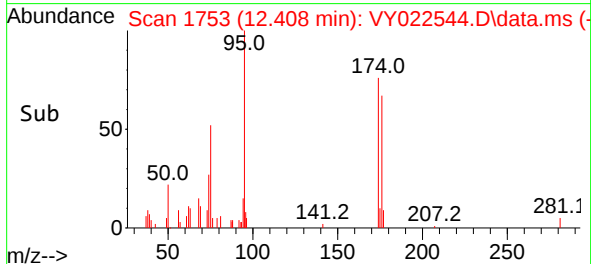
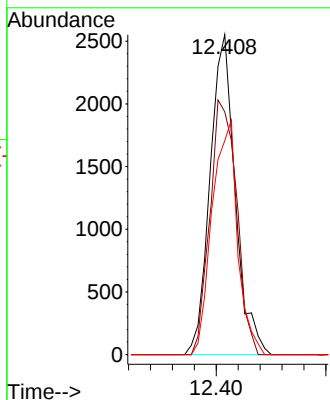
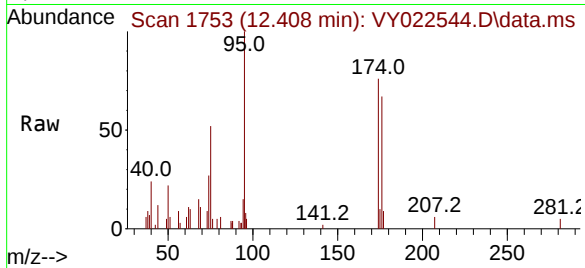




#62
4-Bromofluorobenzene
Concen: 23.873 ug/l
RT: 12.408 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

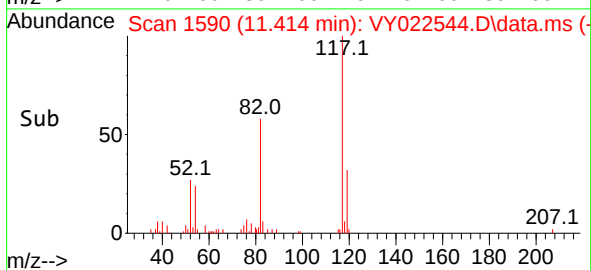
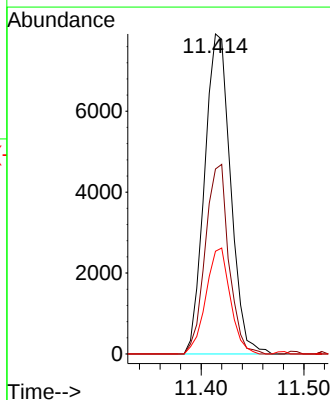
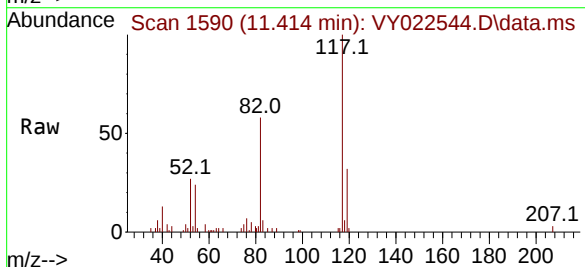
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

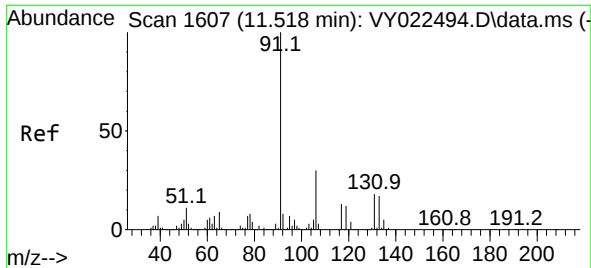
Tgt Ion:	95	Resp:	4064
Ion Ratio	Lower	Upper	
95	100		
174	84.4	0.0	170.0
176	74.1	0.0	166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion:	117	Resp:	13874
Ion Ratio	Lower	Upper	
117	100		
82	57.8	44.6	66.8
119	32.1	25.4	38.0

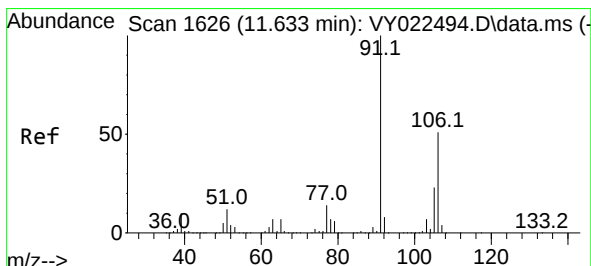
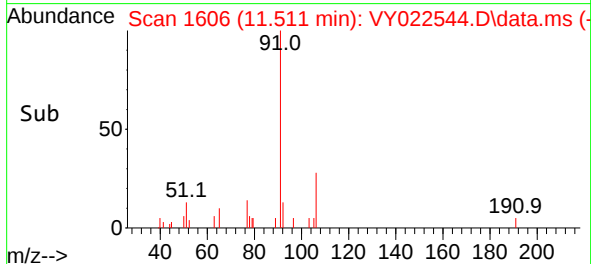
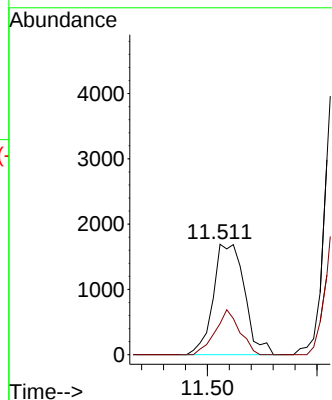
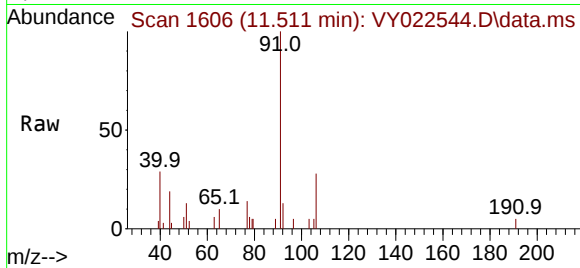




#67
Ethyl Benzene
Concen: 5.897 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

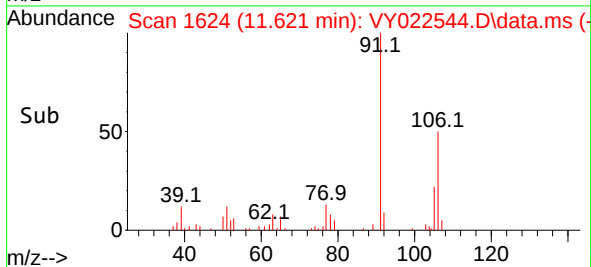
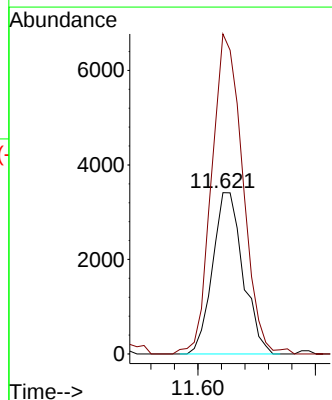
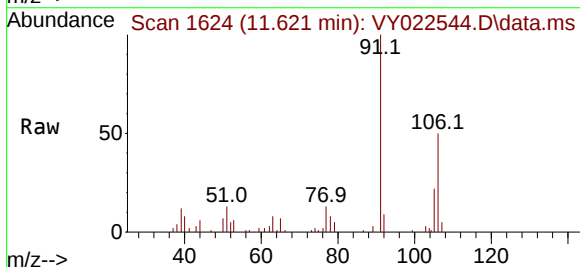
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

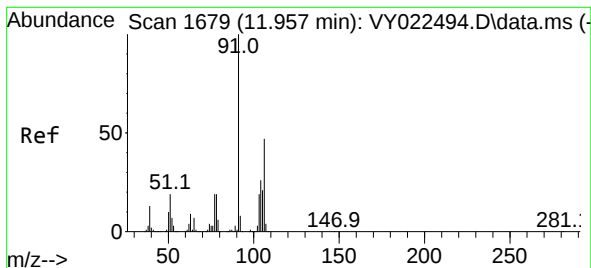
Tgt Ion: 91 Resp: 3358
Ion Ratio Lower Upper
91 100
106 28.1 24.2 36.4



#68
m/p-Xylenes
Concen: 28.452 ug/l
RT: 11.621 min Scan# 1624
Delta R.T. -0.012 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 106 Resp: 6142
Ion Ratio Lower Upper
106 100
91 202.5 159.4 239.0

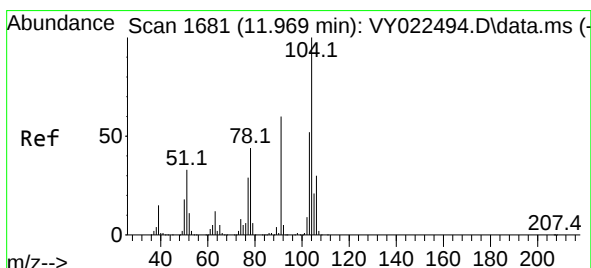
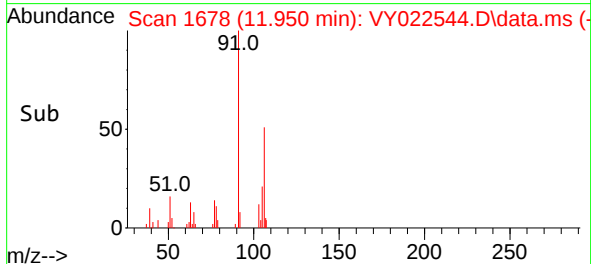
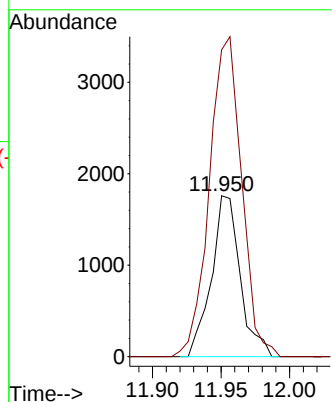
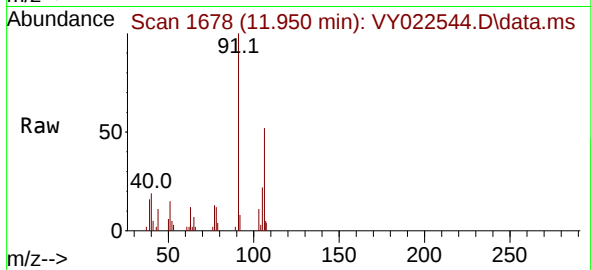




#69
o-Xylene
Concen: 12.683 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

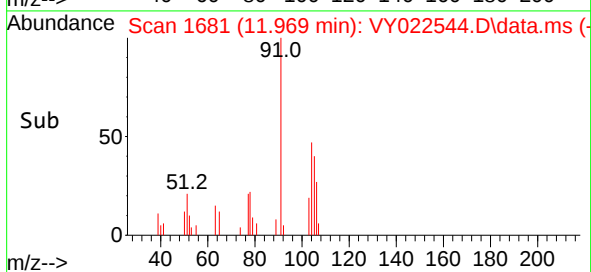
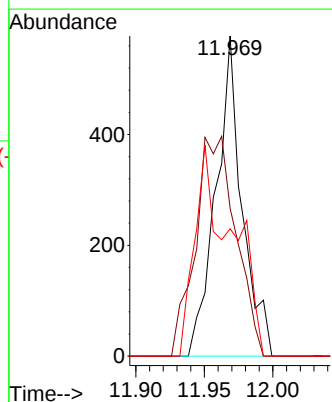
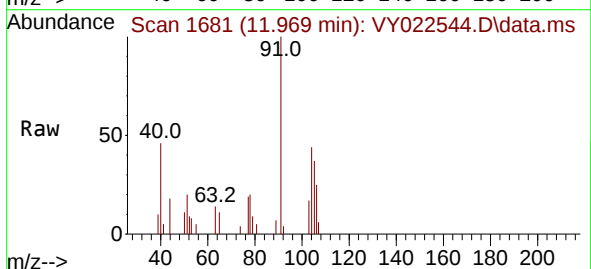
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

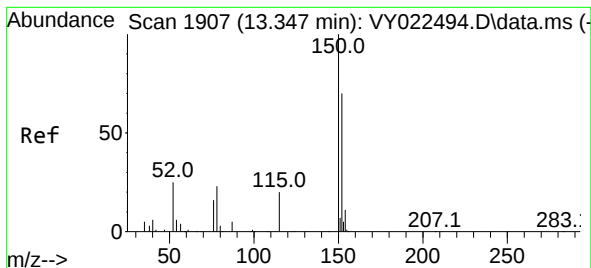
Tgt Ion:106 Resp: 2567
Ion Ratio Lower Upper
106 100
91 223.3 105.8 317.3



#70
Styrene
Concen: 2.293 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion:104 Resp: 767
Ion Ratio Lower Upper
104 100
78 106.5 39.5 59.3#
103 56.3 44.1 66.1





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.347 min Scan# 1907

Delta R.T. -0.000 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

A3RE

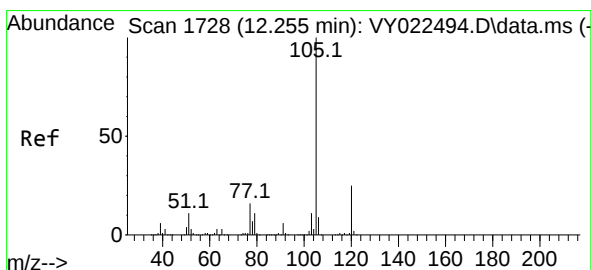
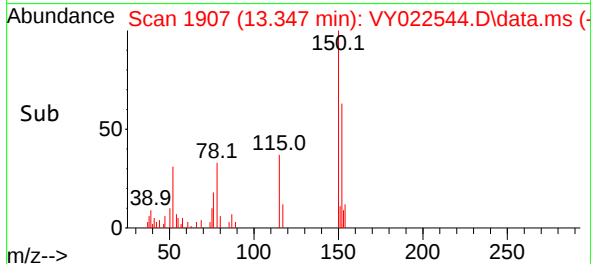
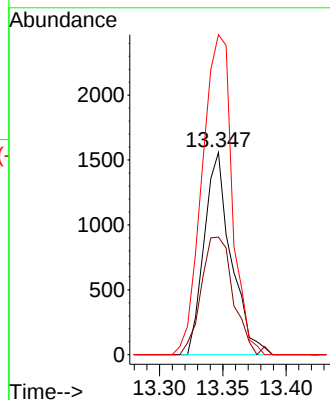
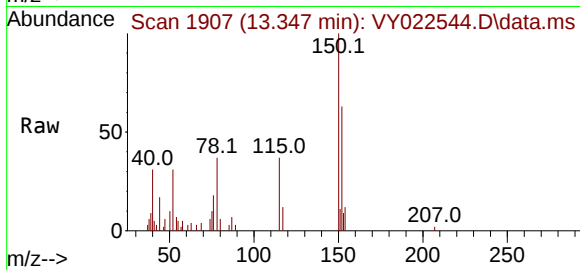
Tgt Ion:152 Resp: 2305

Ion Ratio Lower Upper

152 100

115 69.4 28.9 86.7

150 176.7 0.0 349.6



#73

Isopropylbenzene

Concen: 1.511 ug/l

RT: 12.249 min Scan# 1727

Delta R.T. -0.006 min

Lab File: VY022544.D

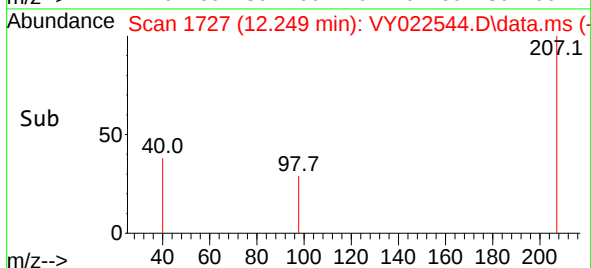
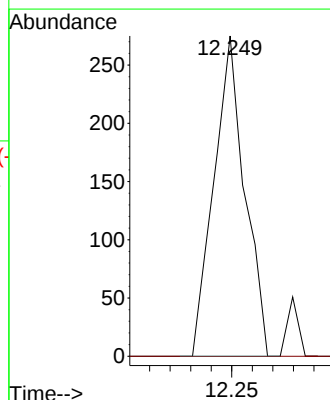
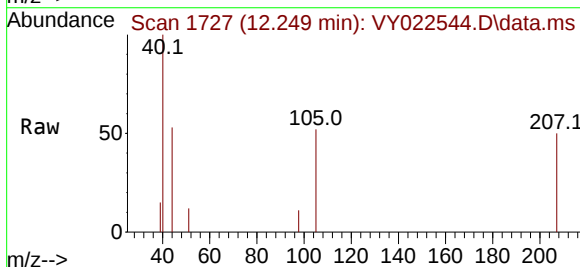
Acq: 04 Jun 2025 12:39

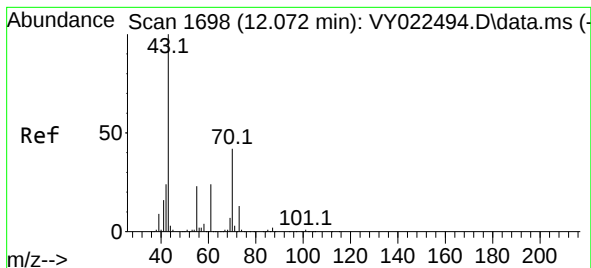
Tgt Ion:105 Resp: 286

Ion Ratio Lower Upper

105 100

120 0.0 13.0 38.9#





#74

N-amy1 acetate

Concen: 3.309 ug/l

RT: 12.054 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

A3RE

Tgt Ion: 43 Resp: 158

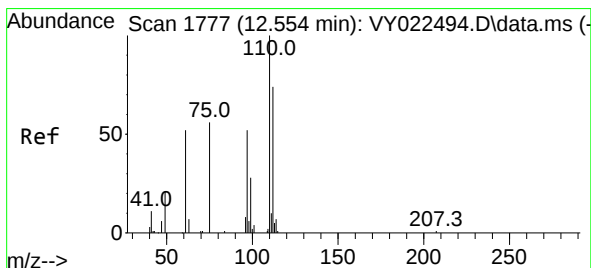
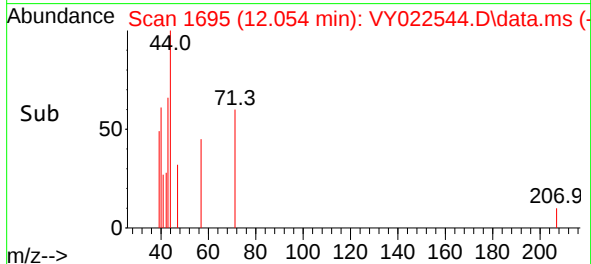
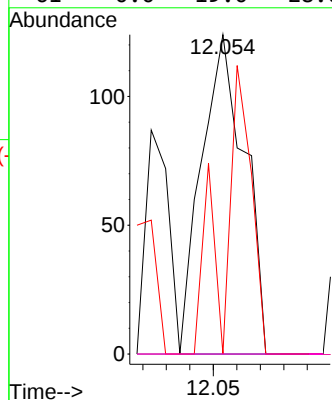
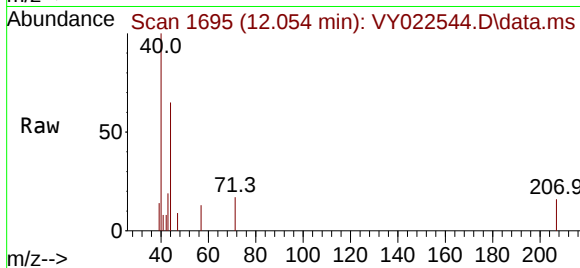
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 59.5 18.2 27.4#

61 0.0 19.0 28.6#



#76

1,2,3-Trichloropropane

Concen: 101.744 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.152 min

Lab File: VY022544.D

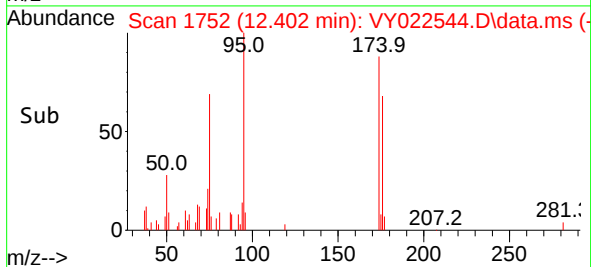
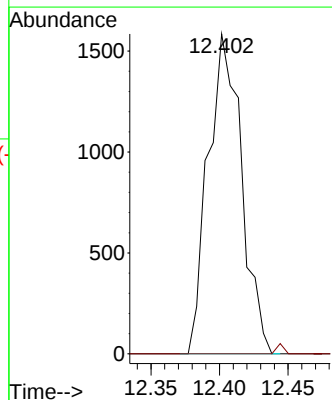
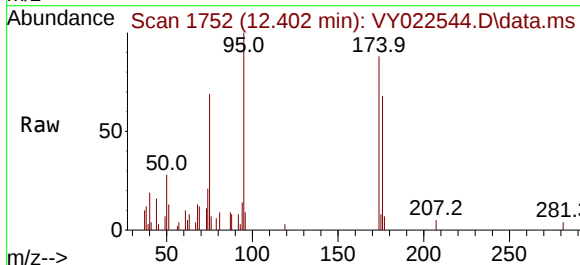
Acq: 04 Jun 2025 12:39

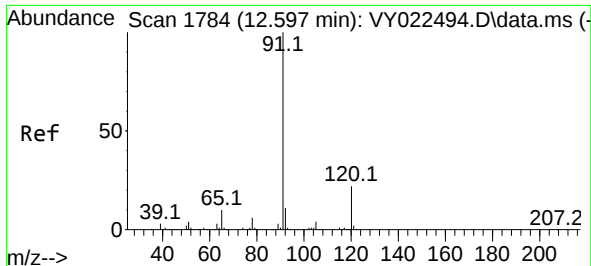
Tgt Ion: 75 Resp: 2683

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0

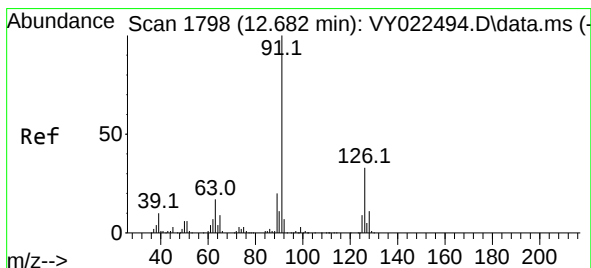
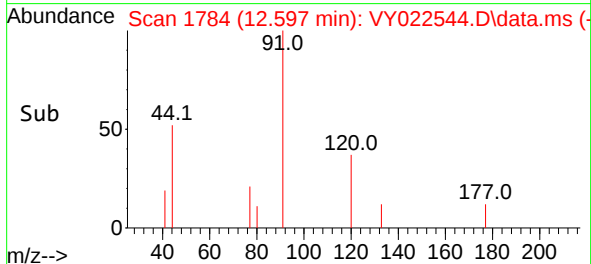
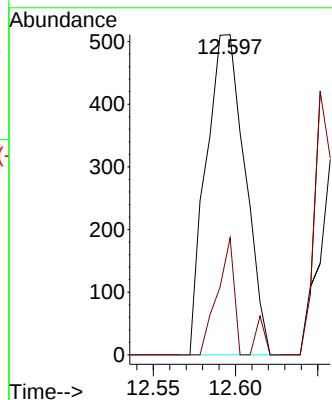
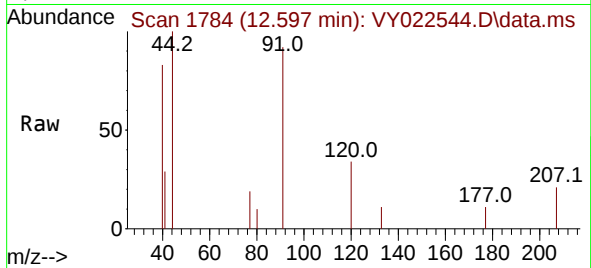




#78
n-propylbenzene
Concen: 3.626 ug/l
RT: 12.597 min Scan# 1784
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

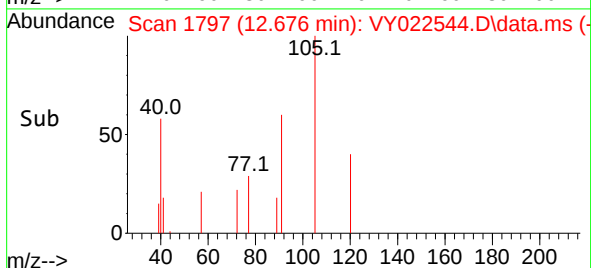
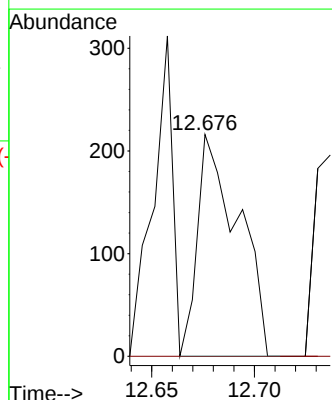
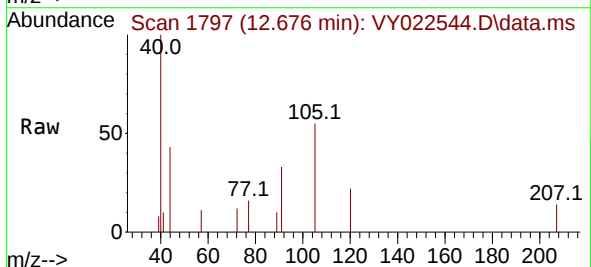
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

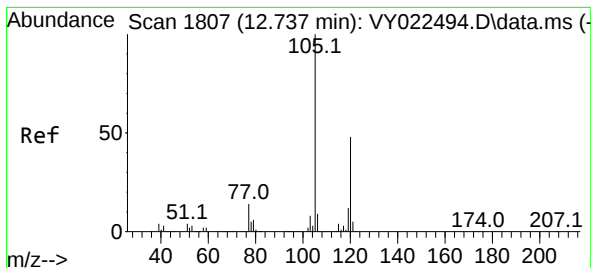
Tgt Ion: 91 Resp: 838
Ion Ratio Lower Upper
91 100
120 15.6 10.8 32.4



#79
2-Chlorotoluene
Concen: 2.433 ug/l
RT: 12.676 min Scan# 1797
Delta R.T. -0.006 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 91 Resp: 298
Ion Ratio Lower Upper
91 100
126 0.0 17.0 51.0#





#80

1,3,5-Trimethylbenzene

Concen: 8.016 ug/l

RT: 12.731 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

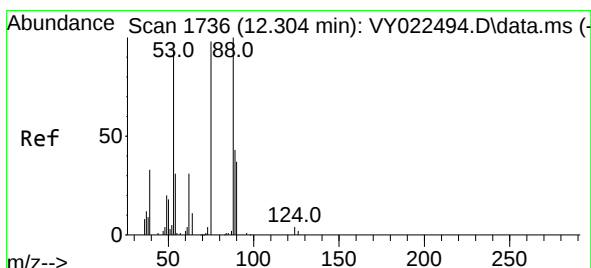
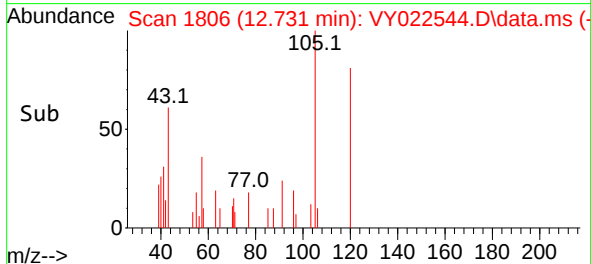
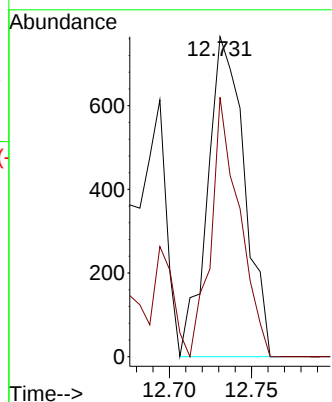
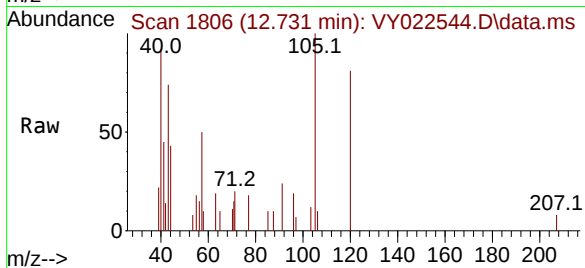
A3RE

Tgt Ion:105 Resp: 1191

Ion Ratio Lower Upper

105 100

120 62.4 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 245.706 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

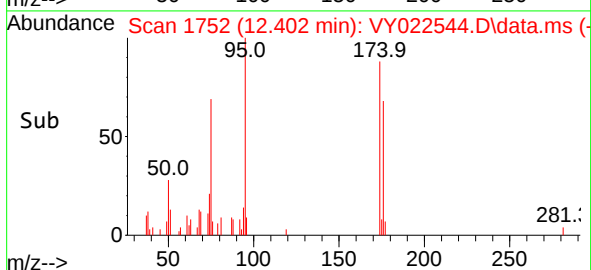
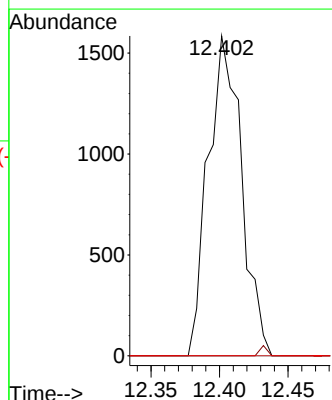
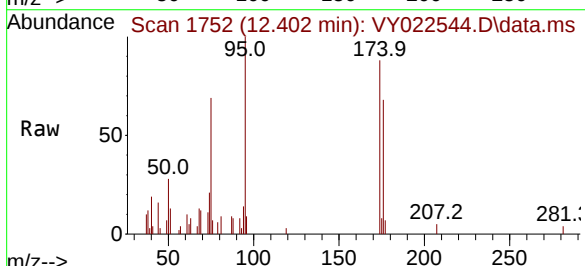
Tgt Ion: 75 Resp: 2683

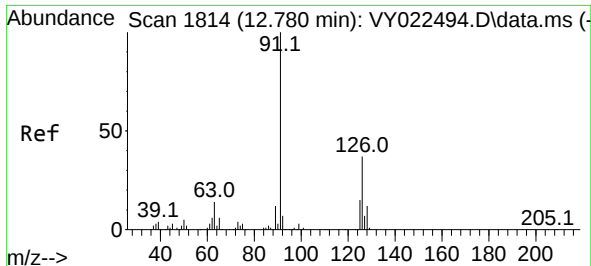
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.0 35.7 53.5#

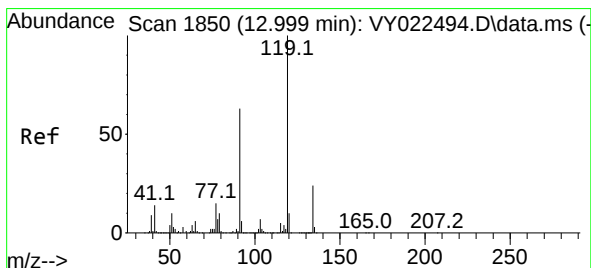
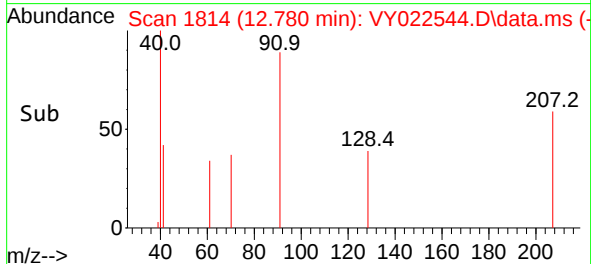
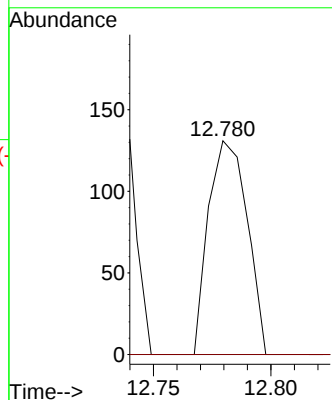
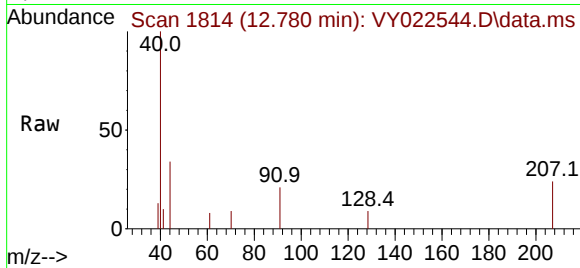




#82
4-Chlorotoluene
Concen: 1.187 ug/l
RT: 12.780 min Scan# 1814
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

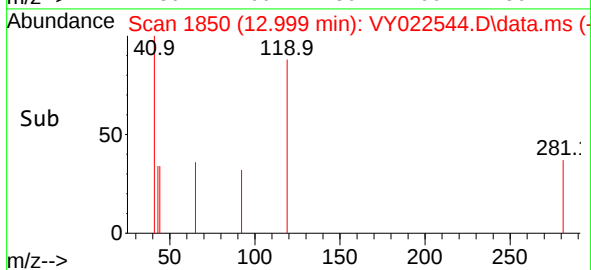
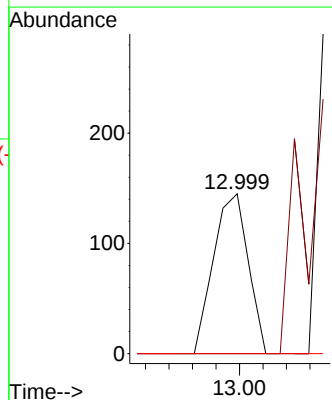
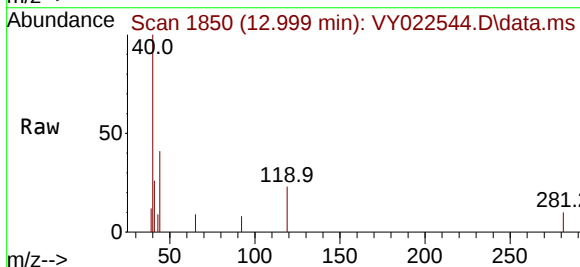
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

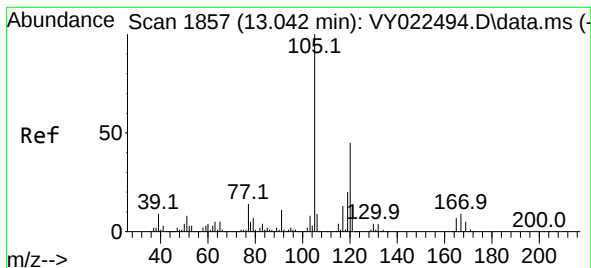
Tgt Ion: 91 Resp: 150
Ion Ratio Lower Upper
91 100
126 0.0 17.0 50.9#



#83
tert-Butylbenzene
Concen: 1.110 ug/l
RT: 12.999 min Scan# 1850
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Tgt Ion: 119 Resp: 148
Ion Ratio Lower Upper
119 100
91 0.0 32.1 96.3#
134 0.0 13.0 38.9#





#84

1,2,4-Trimethylbenzene

Concen: 18.661 ug/l

RT: 13.048 min Scan# 1857

Delta R.T. 0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

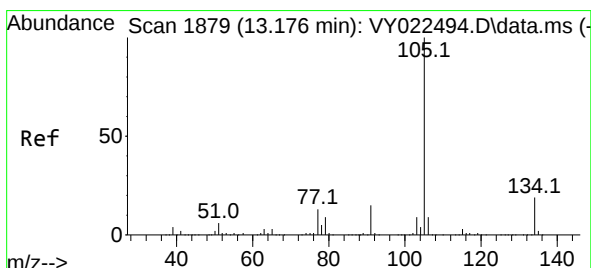
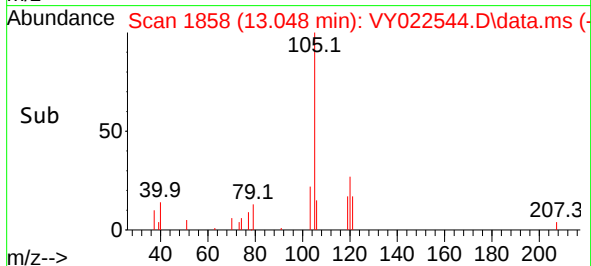
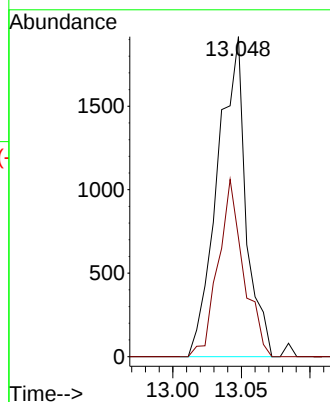
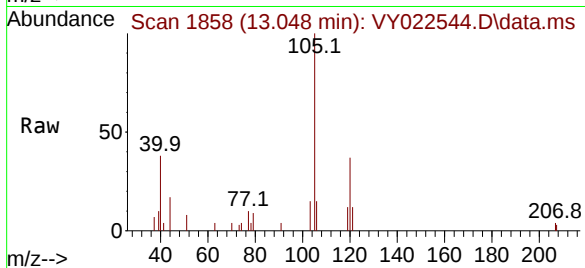
A3RE

Tgt Ion:105 Resp: 2773

Ion Ratio Lower Upper

105 100

120 49.4 22.7 68.1



#85

sec-Butylbenzene

Concen: 1.733 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022544.D

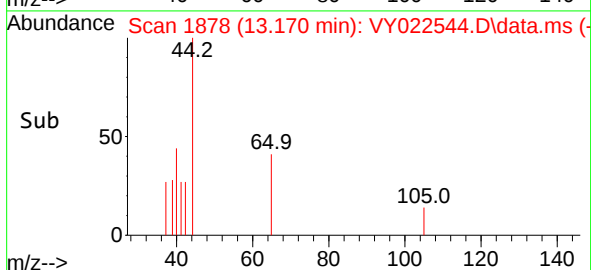
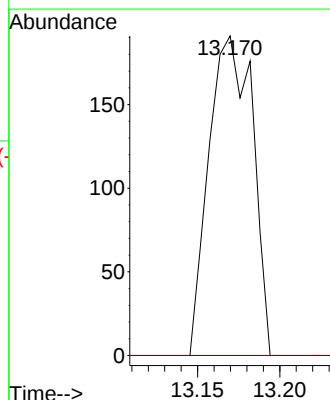
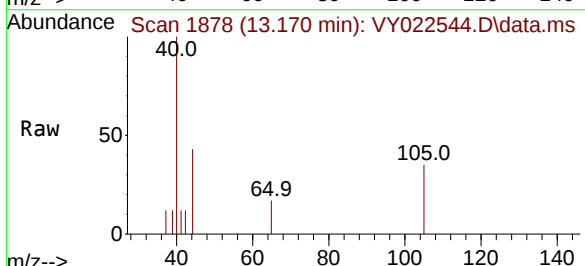
Acq: 04 Jun 2025 12:39

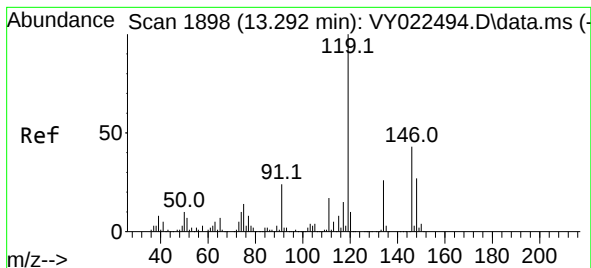
Tgt Ion:105 Resp: 354

Ion Ratio Lower Upper

105 100

134 0.0 9.7 28.9#





#86

p-Isopropyltoluene

Concen: 1.259 ug/l

RT: 13.286 min Scan# 119

Delta R.T. -0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

Instrument :

MSVOA_Y

ClientSampleId :

A3RE

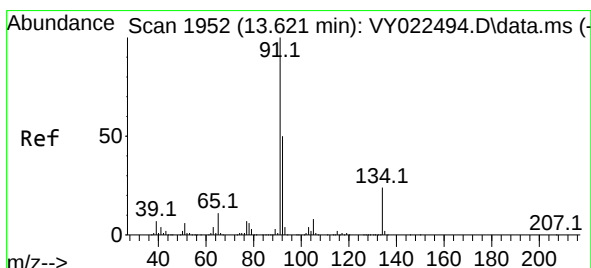
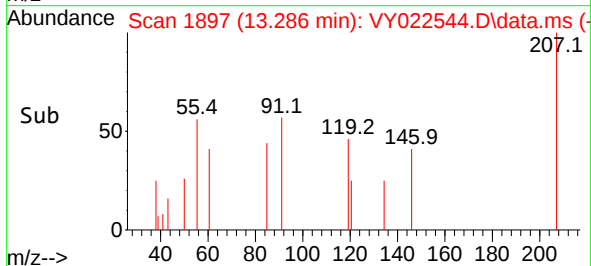
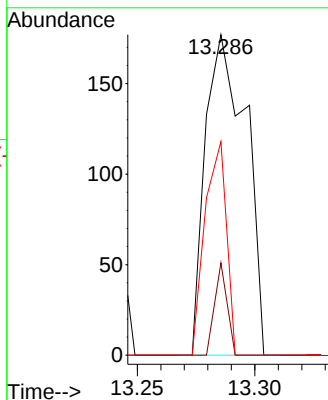
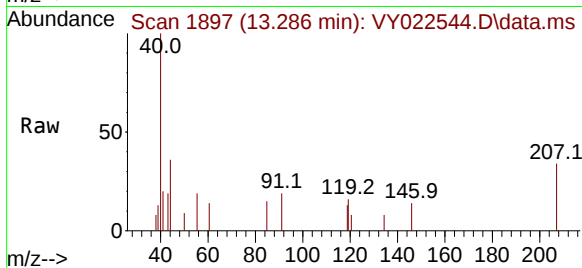
Tgt Ion:119 Resp: 212

Ion Ratio Lower Upper

119 100

134 9.0 13.1 39.1#

91 35.4 11.6 34.8#



#89

n-Butylbenzene

Concen: 1.640 ug/l

RT: 13.615 min Scan# 1951

Delta R.T. -0.006 min

Lab File: VY022544.D

Acq: 04 Jun 2025 12:39

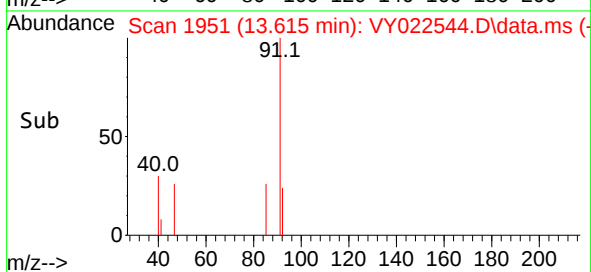
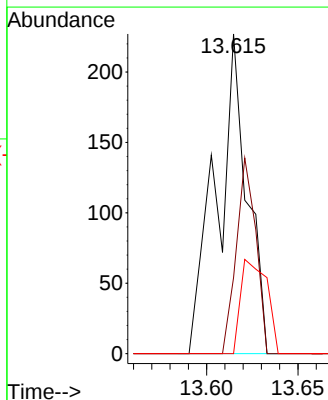
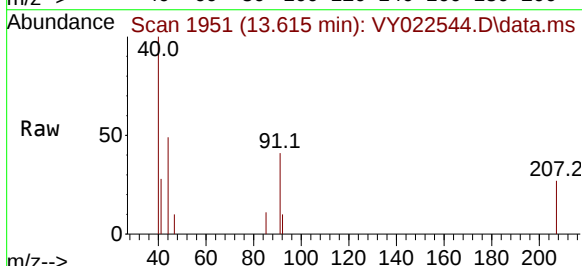
Tgt Ion: 91 Resp: 262

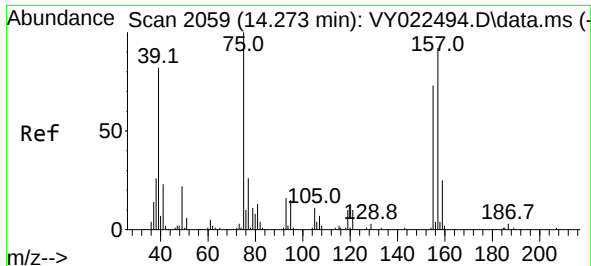
Ion Ratio Lower Upper

91 100

92 39.3 25.9 77.8

134 25.2 12.0 36.1

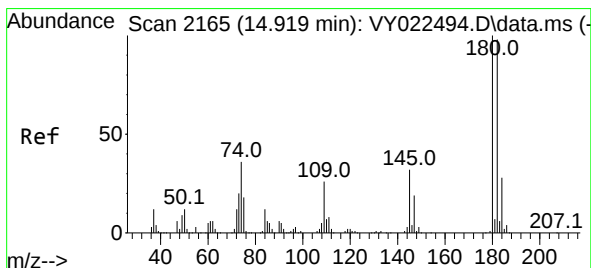
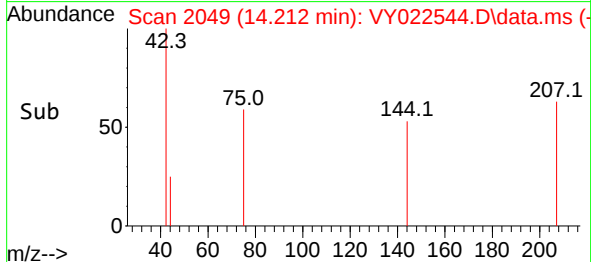
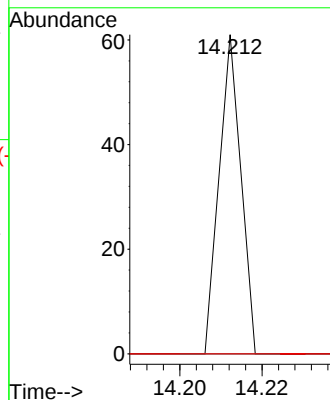
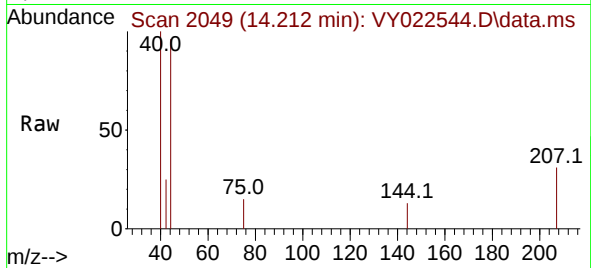




#92
1,2-Dibromo-3-Chloropropane
Concen: 4.865 ug/l
RT: 14.212 min Scan# 2059
Delta R.T. -0.061 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

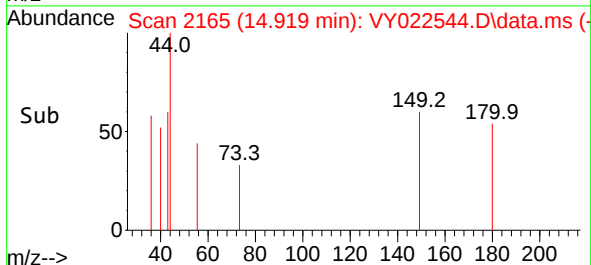
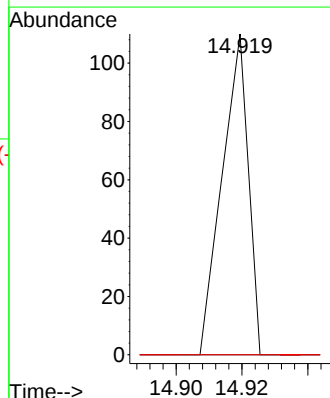
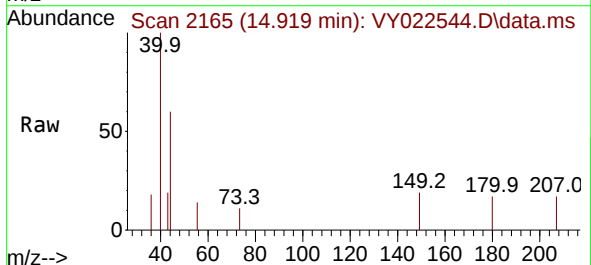
Instrument :
MSVOA_Y
ClientSampleId :
A3RE

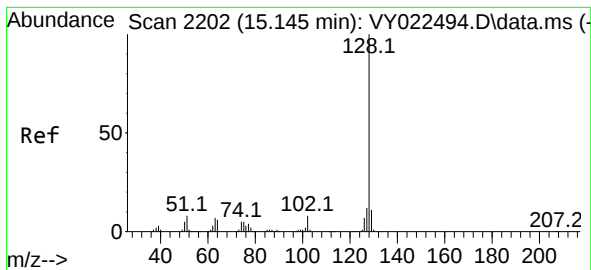
Tgt Ion: 75 Resp: 22
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 0.0 54.0 162.0#



#93
1,2,4-Trichlorobenzene
Concen: 1.628 ug/l
RT: 14.919 min Scan# 2165
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

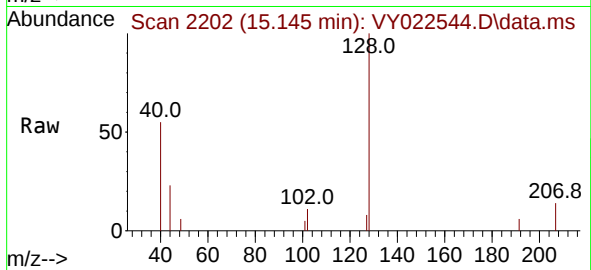
Tgt Ion: 180 Resp: 61
Ion Ratio Lower Upper
180 100
182 0.0 48.4 145.3#
145 0.0 15.5 46.5#





#95
Naphthalene
Concen: 19.347 ug/l
RT: 15.145 min Scan# 21
Delta R.T. -0.000 min
Lab File: VY022544.D
Acq: 04 Jun 2025 12:39

Instrument :
MSVOA_Y
ClientSampleId :
A3RE



Tgt Ion:128 Resp: 1391
Ion Ratio Lower Upper
128 100
127 12.1 10.4 15.6
129 0.0 8.9 13.3#

