

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022792.D
 Acq On : 24 Jun 2025 13:09
 Operator : SY/MD
 Sample : Q2355-03
 Misc : 5.55g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 25 01:24:33 2025
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062325S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.701	168	239668	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.609	114	362028	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	87473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	16310	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	111751	41.777	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	83.560%
35) Dibromofluoromethane	7.634	113	119284	54.179	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.360%
50) Toluene-d8	10.103	98	237960	27.237	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	54.480%#
62) 4-Bromofluorobenzene	12.401	95	21247	7.565	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	15.140%#

Target Compounds						Qvalue
11) Tert butyl alcohol	4.854	59	62451	351.116	ug/l #	89
13) Acrolein	3.641	56	1692	7.015	ug/l #	14
16) Acetone	3.866	43	56107	110.975	ug/l	97
17) Carbon Disulfide	4.098	76	17641	2.251	ug/l	98
20) Methylene Chloride	4.610	84	6653	2.084	ug/l	89
25) 2-Butanone	6.890	43	35992	48.913	ug/l	98
29) Tetrahydrofuran	7.256	42	1060	2.281	ug/l #	47
31) Cyclohexane	7.695	56	15078	3.282	ug/l #	84
32) 1,1,1-Trichloroethane	7.616	97	5291	1.188	ug/l #	52
36) 1,1-Dichloropropene	7.701	75	21895	6.561	ug/l #	50
37) Ethyl Acetate	6.890	43	35992	24.993	ug/l #	88
38) Carbon Tetrachloride	7.707	117	23960	6.804	ug/l #	17
39) Methylcyclohexane	9.103	83	11372	2.633	ug/l	87
40) Benzene	8.079	78	20596	2.007	ug/l #	90
41) Methacrylonitrile	7.262	41	1602	1.807	ug/l #	44
43) Isopropyl Acetate	8.195	43	7112	2.376	ug/l #	92
48) Methyl methacrylate	9.183	41	26698	18.555	ug/l #	42
49) 1,4-Dioxane	9.250	88	22	1.366	ug/l #	24
51) 4-Methyl-2-Pentanone	9.999	43	18502	12.165	ug/l	98
52) Toluene	10.170	92	46894	7.244	ug/l	97
55) 1,1,2-Trichloroethane	10.548	97	5461	3.094	ug/l #	18
58) 2-Chloroethyl Vinyl ether	9.676	63	20	15.670	ug/l #	48
59) 2-Hexanone	10.762	43	14260	13.790	ug/l	85
67) Ethyl Benzene	11.511	91	19529	5.783	ug/l	94
68) m/p-Xylenes	11.621	106	14859	11.382	ug/l	91
69) o-Xylene	11.950	106	6125	4.979	ug/l	96
70) Styrene	11.969	104	5133	2.491	ug/l #	82
73) Isopropylbenzene	12.255	105	16236	13.460	ug/l #	73
74) N-amyl acetate	12.030	43	18125	66.943	ug/l #	53
75) 1,1,2,2-Tetrachloroethane	12.566	83	2341	12.042	ug/l #	25
76) 1,2,3-Trichloropropane	12.401	75	15518	93.195	ug/l #	100
78) n-propylbenzene	12.590	91	6574	4.514	ug/l	98
79) 2-Chlorotoluene	12.731	91	1310	1.592	ug/l	99
80) 1,3,5-Trimethylbenzene	12.731	105	8830	9.068	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.261	75	1028	15.597	ug/l #	1
82) 4-Chlorotoluene	12.810	91	5468	6.327	ug/l #	44

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

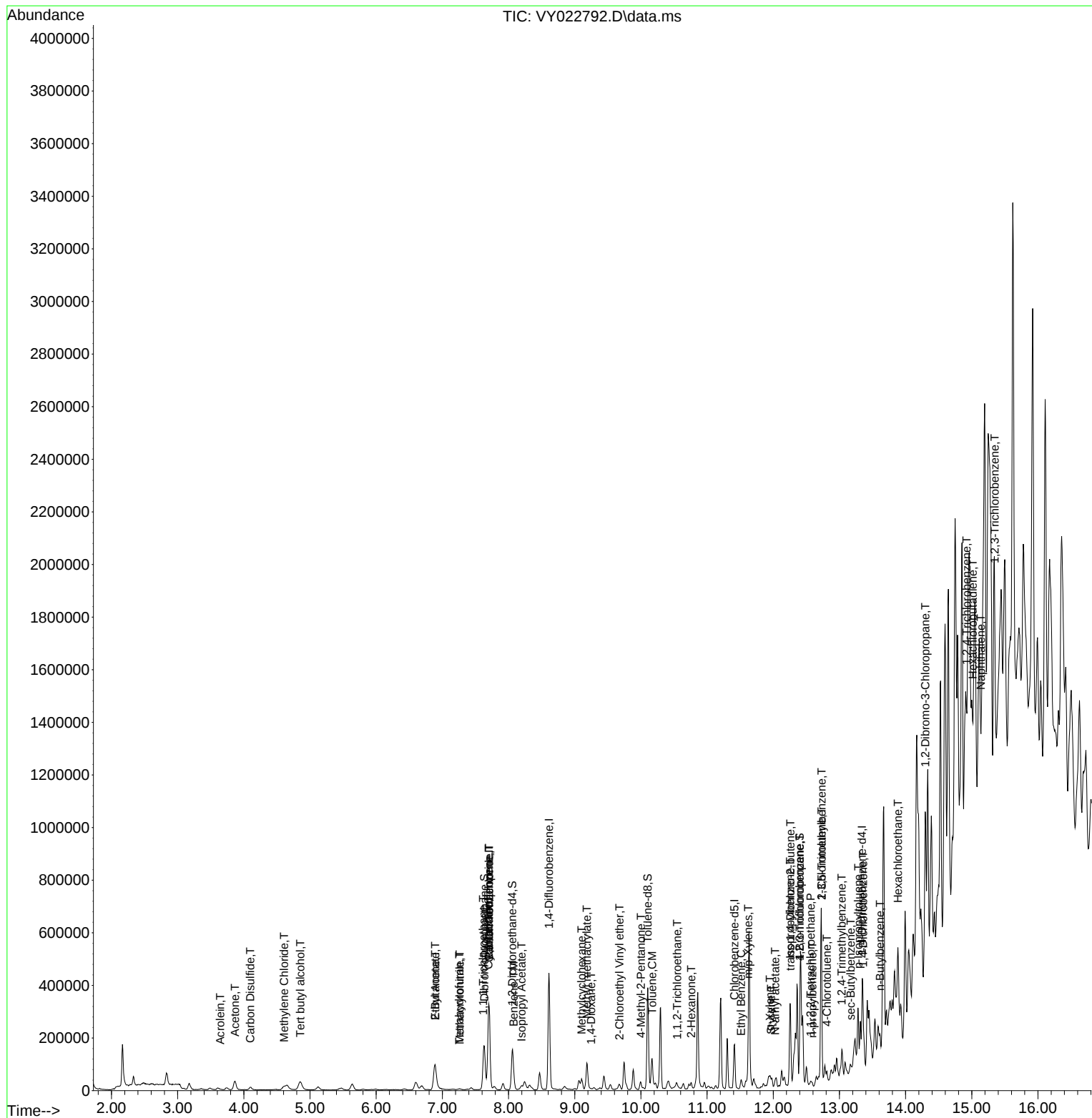
84) 1,2,4-Trimethylbenzene	13.036	105	55211	56.632	ug/l	97
85) sec-Butylbenzene	13.170	105	8844	6.845	ug/l #	70
86) p-Isopropyltoluene	13.285	119	11351	10.557	ug/l	96
88) 1,4-Dichlorobenzene	13.359	146	627	1.150	ug/l #	1
89) n-Butylbenzene	13.615	91	27007	26.702	ug/l #	76
90) Hexachloroethane	13.883	117	7249	33.849	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.297	75	676	20.505	ug/l #	28
93) 1,2,4-Trichlorobenzene	14.919	180	2700	9.882	ug/l #	1
94) Hexachlorobutadiene	15.017	225	193	1.249	ug/l #	68
95) Naphthalene	15.139	128	70148	141.980	ug/l #	85
96) 1,2,3-Trichlorobenzene	15.346	180	23969	101.525	ug/l #	13

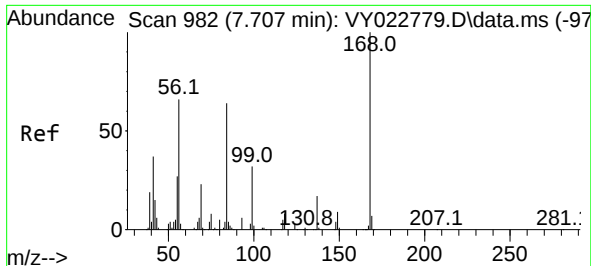
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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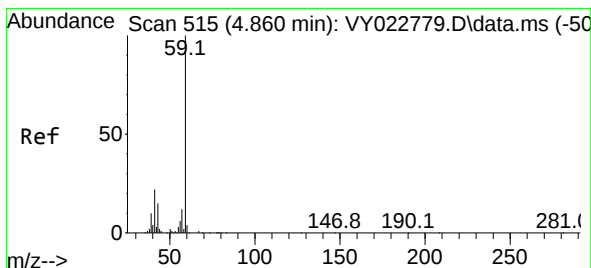
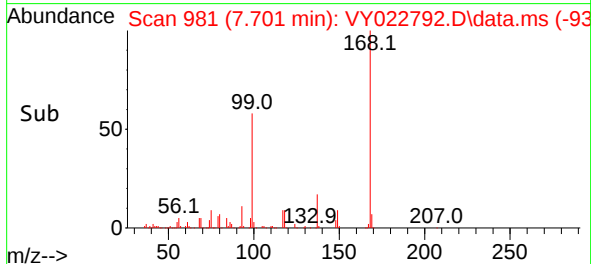
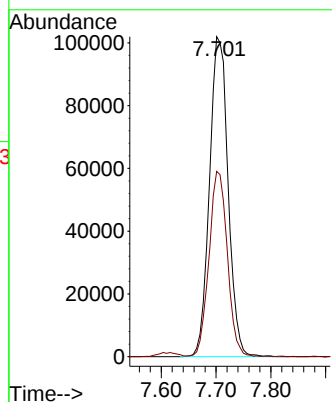
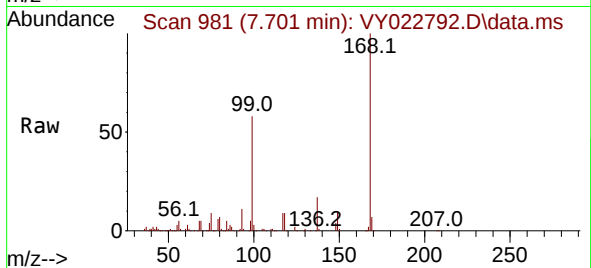




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

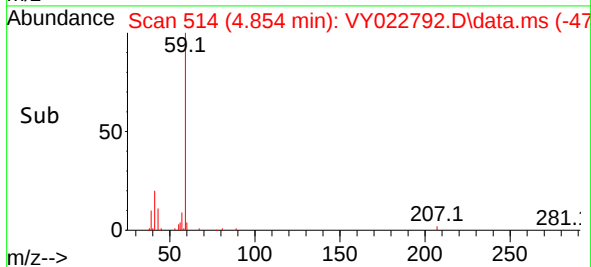
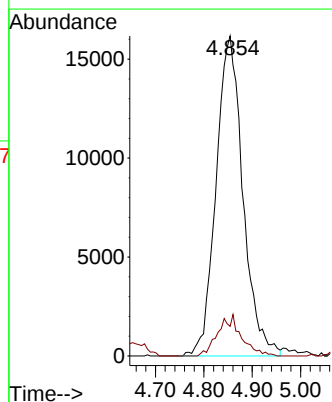
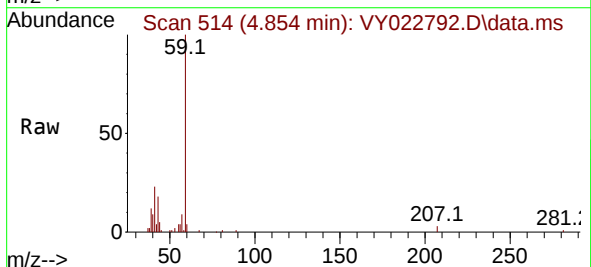
Instrument :
MSVOA_Y
ClientSampleId :

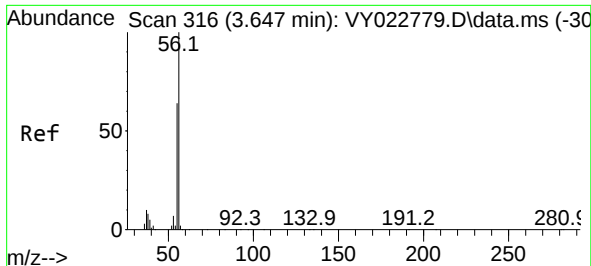
Tgt Ion:168 Resp: 239668
Ion Ratio Lower Upper
168 100
99 57.8 44.3 66.5



#11
Tert butyl alcohol
Concen: 351.116 ug/l
RT: 4.854 min Scan# 514
Delta R.T. -0.031 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 59 Resp: 62451
Ion Ratio Lower Upper
59 100
57 6.1 8.0 12.0#

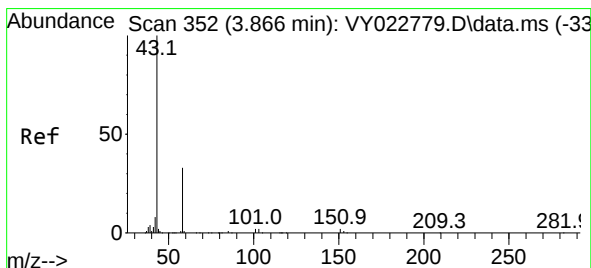
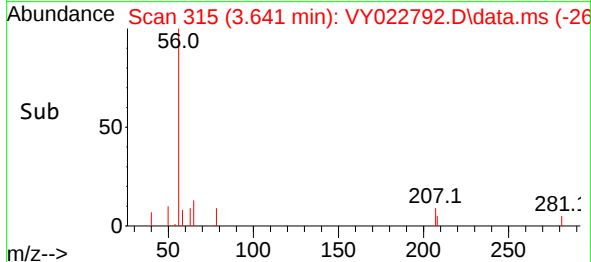
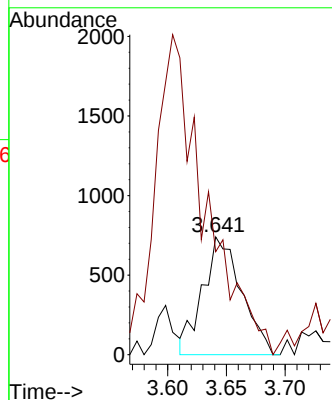
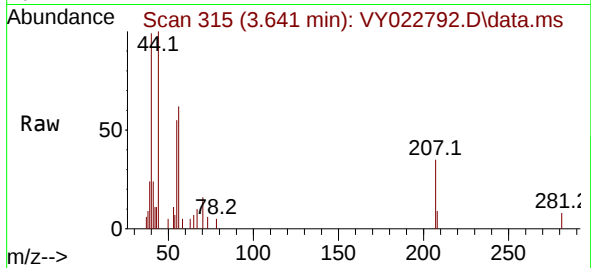




#13
Acrolein
Concen: 7.015 ug/l
RT: 3.641 min Scan# 316
Delta R.T. -0.018 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

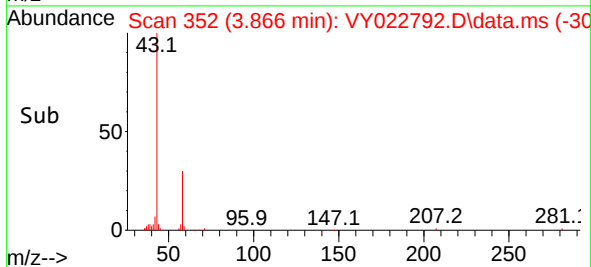
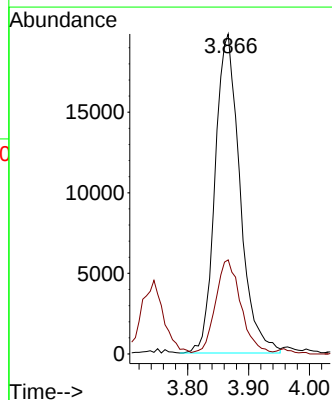
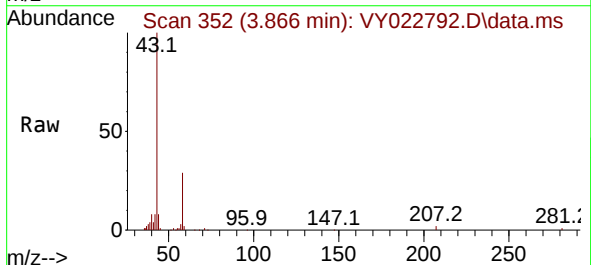
Instrument :
MSVOA_Y
ClientSampleId :

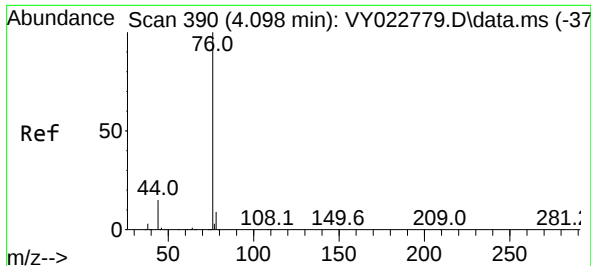
Tgt Ion: 56 Resp: 1692
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#



#16
Acetone
Concen: 110.975 ug/l
RT: 3.866 min Scan# 352
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 43 Resp: 56107
Ion Ratio Lower Upper
43 100
58 28.1 24.0 36.0

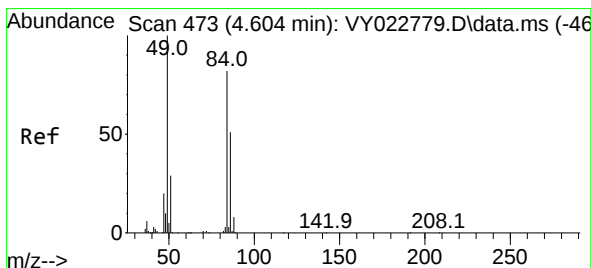
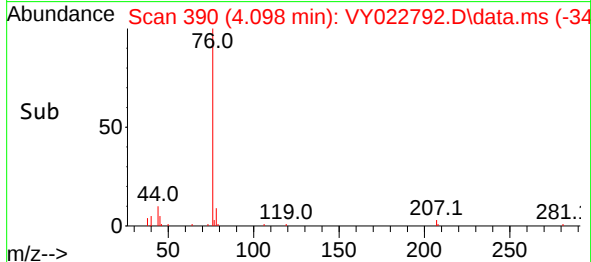
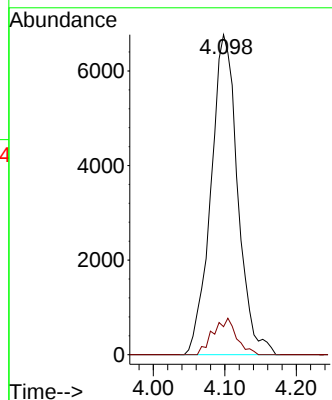
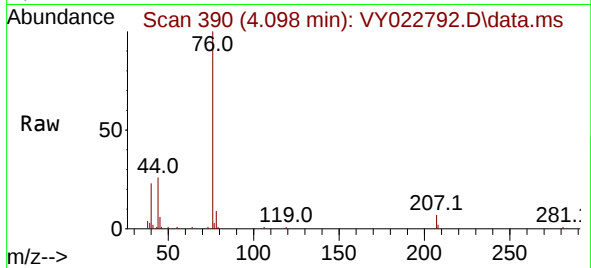




#17
Carbon Disulfide
Concen: 2.251 ug/l
RT: 4.098 min Scan# 390
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

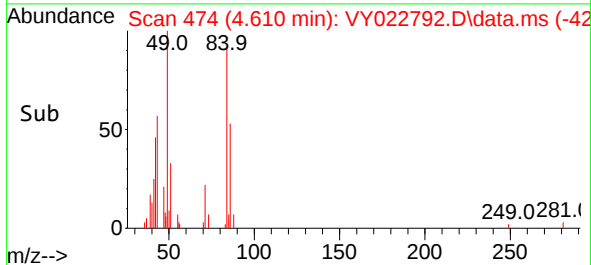
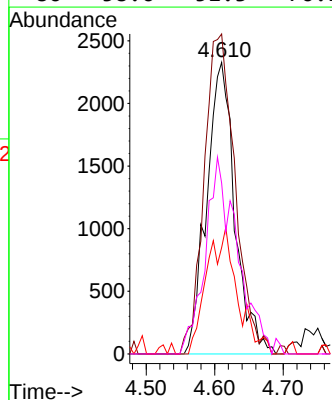
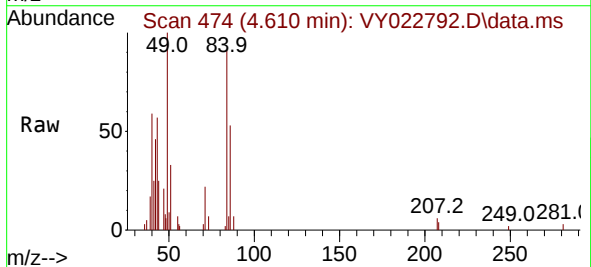
Instrument :
MSVOA_Y
ClientSampleId :

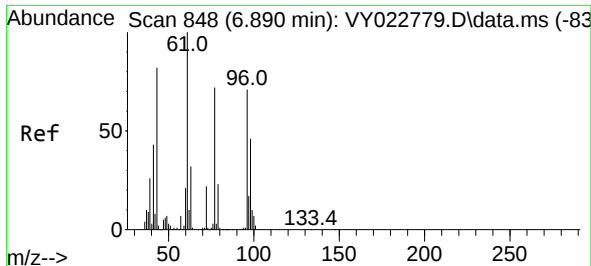
Tgt Ion: 76 Resp: 17641
Ion Ratio Lower Upper
76 100
78 8.7 7.4 11.2



#20
Methylene Chloride
Concen: 2.084 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 84 Resp: 6653
Ion Ratio Lower Upper
84 100
49 109.8 101.9 152.9
51 36.5 29.8 44.8
86 58.6 51.3 76.9

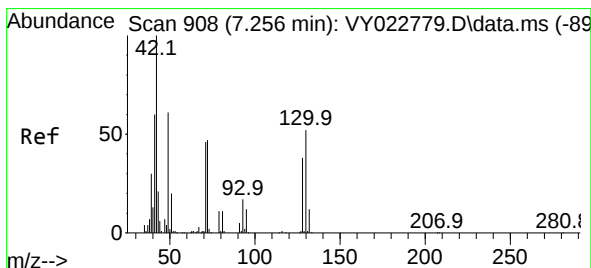
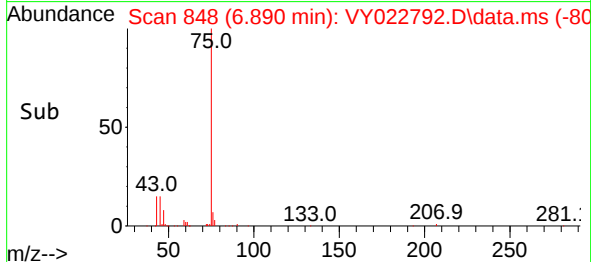
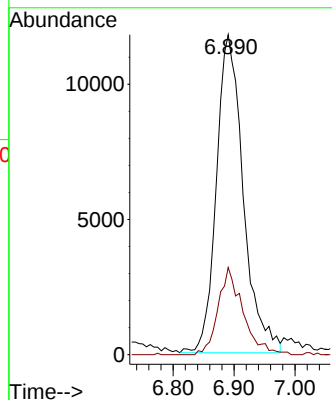
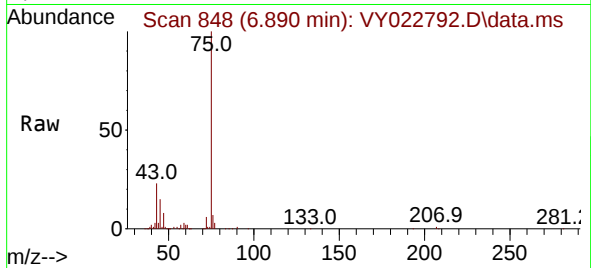




#25
2-Butanone
Concen: 48.913 ug/l
RT: 6.890 min Scan# 848
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

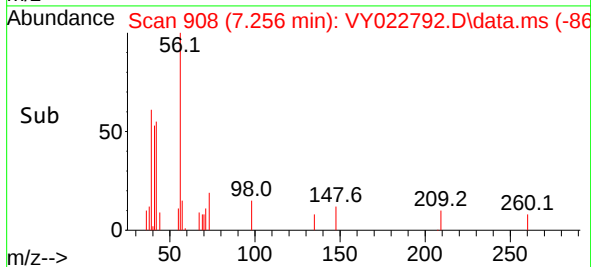
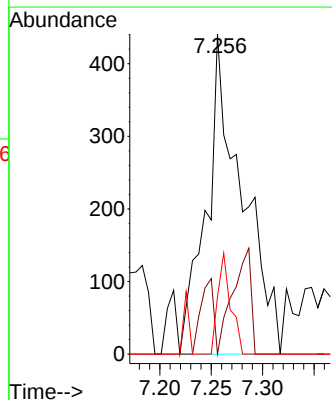
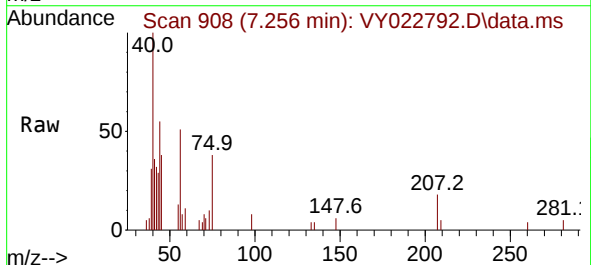
Instrument :
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ClientSampleId :

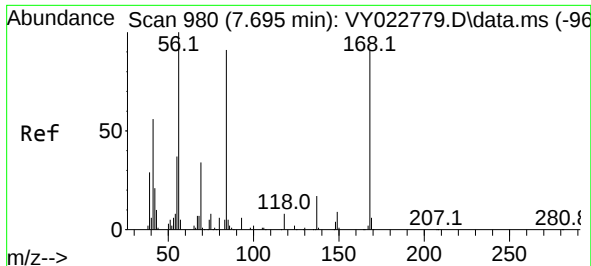
Tgt Ion: 43 Resp: 35992
Ion Ratio Lower Upper
43 100
72 27.4 22.9 34.3



#29
Tetrahydrofuran
Concen: 2.281 ug/l
RT: 7.256 min Scan# 908
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 42 Resp: 1060
Ion Ratio Lower Upper
42 100
72 8.5 37.4 56.2#
71 11.4 34.2 51.2#

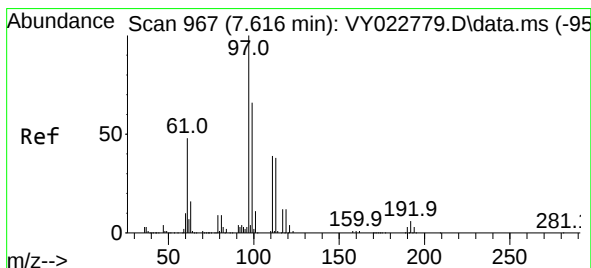
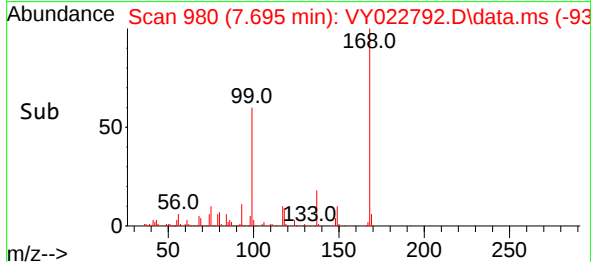
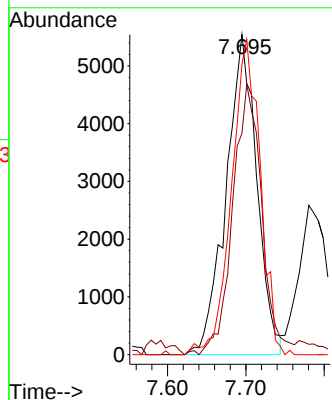
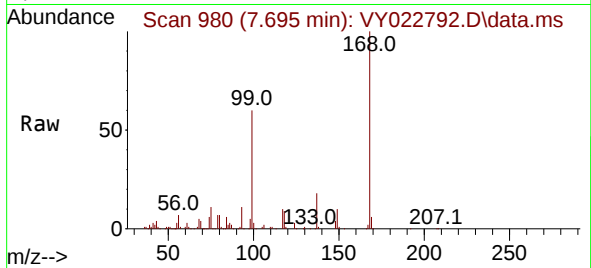




#31
Cyclohexane
Concen: 3.282 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

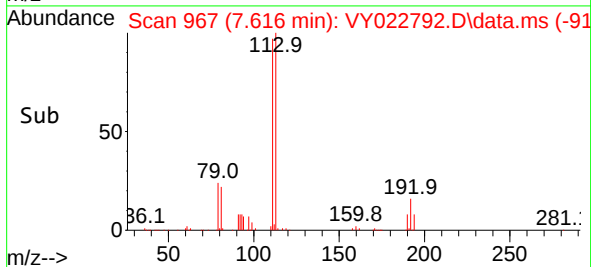
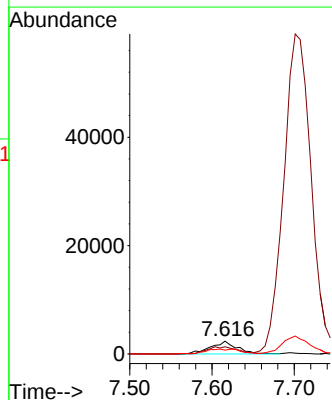
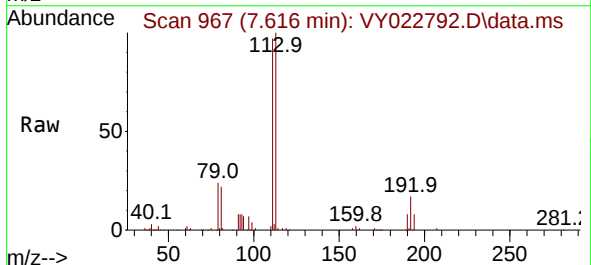
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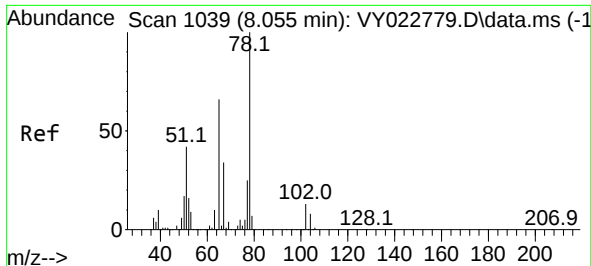
Tgt Ion: 56 Resp: 15078
Ion Ratio Lower Upper
56 100
69 67.9 27.0 40.6#
84 90.8 72.6 109.0



#32
1,1,1-Trichloroethane
Concen: 1.188 ug/l
RT: 7.616 min Scan# 967
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 97 Resp: 5291
Ion Ratio Lower Upper
97 100
99 0.0 50.9 76.3#
61 50.2 38.5 57.7

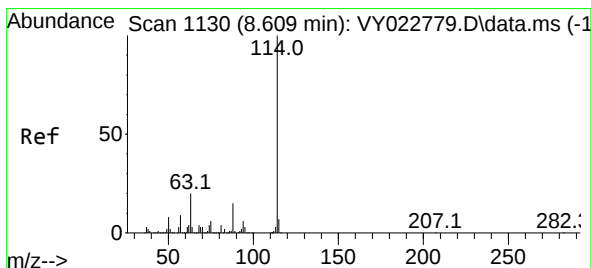
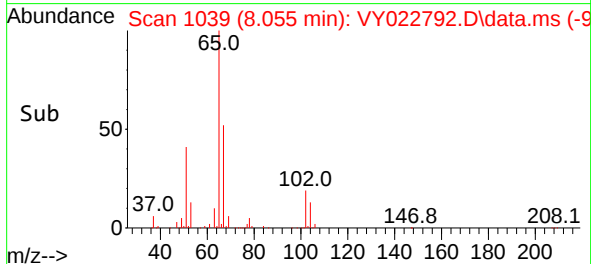
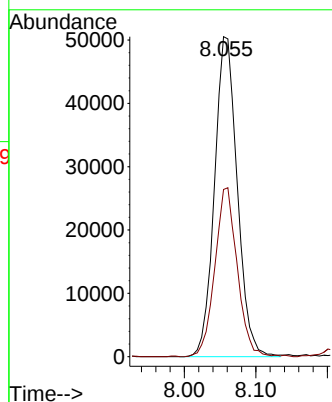
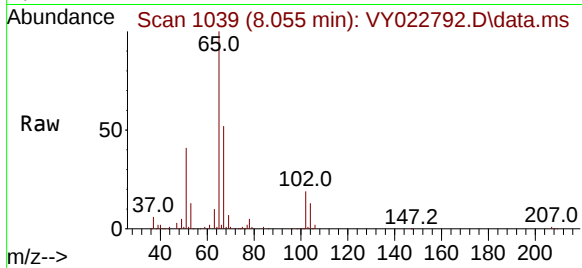




#33
 1,2-Dichloroethane-d4
 Concen: 41.777 ug/l
 RT: 8.055 min Scan# 1107
 Delta R.T. -0.012 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

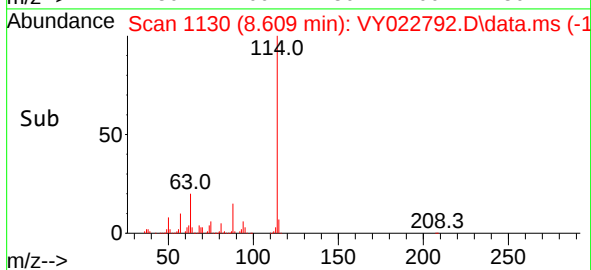
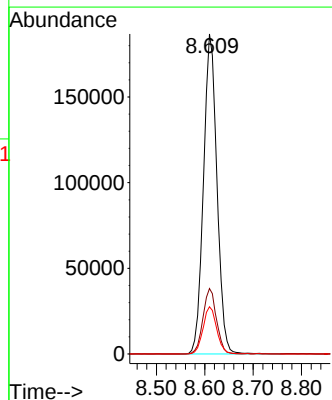
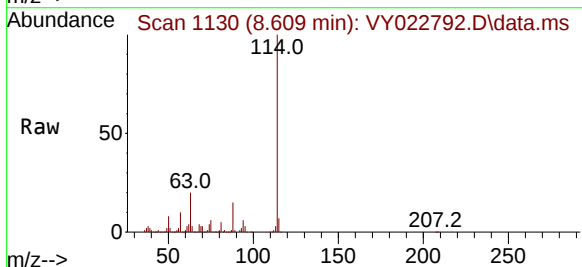
Instrument :
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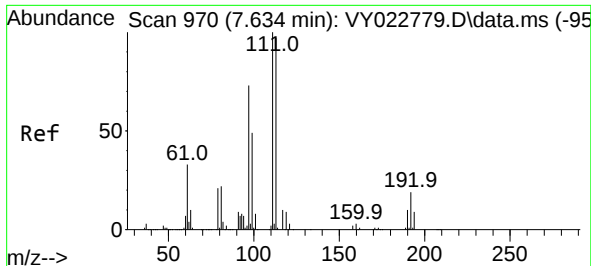
Tgt Ion: 65 Resp: 111751
 Ion Ratio Lower Upper
 65 100
 67 52.1 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.609 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

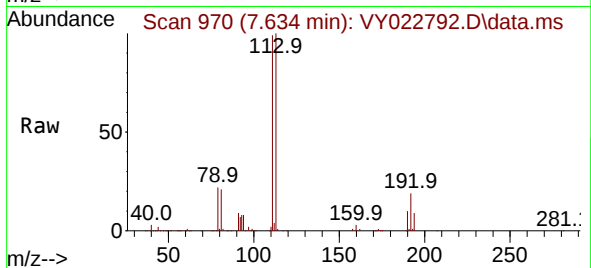
Tgt Ion: 114 Resp: 362028
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 40.8
 88 14.8 0.0 27.8



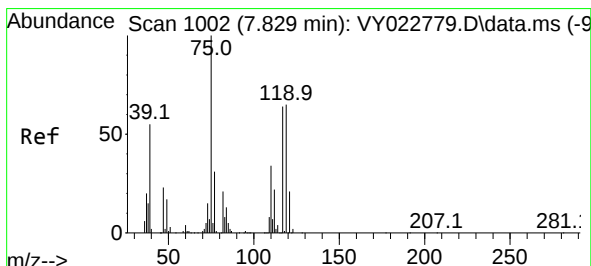
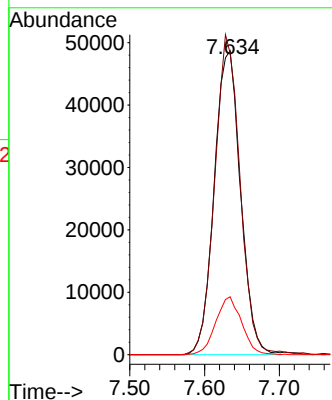
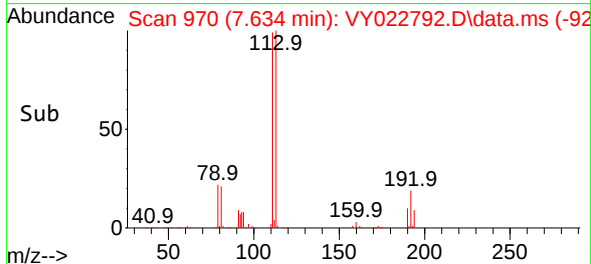


#35
Dibromofluoromethane
Concen: 54.179 ug/l
RT: 7.634 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

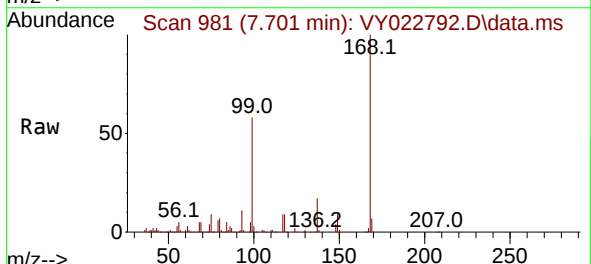
Instrument :
MSVOA_Y
ClientSampleId :



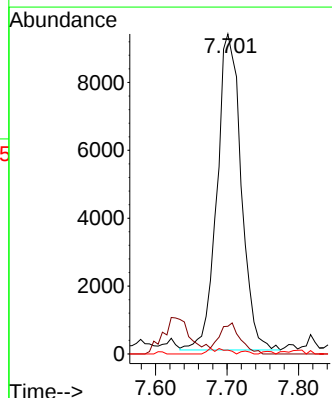
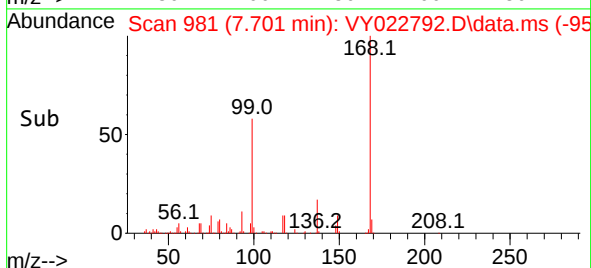
Tgt Ion:113 Resp: 119284
Ion Ratio Lower Upper
113 100
111 101.4 81.1 121.7
192 18.7 14.2 21.2

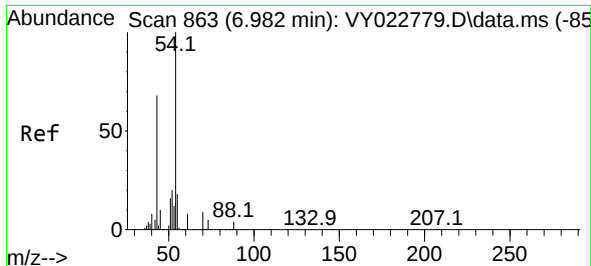


#36
1,1-Dichloropropene
Concen: 6.561 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09



Tgt Ion: 75 Resp: 21895
Ion Ratio Lower Upper
75 100
110 8.4 16.9 50.7#
77 0.0 24.8 37.2#





#37

Ethyl Acetate

Concen: 24.993 ug/l

RT: 6.890 min Scan# 84

Delta R.T. -0.104 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

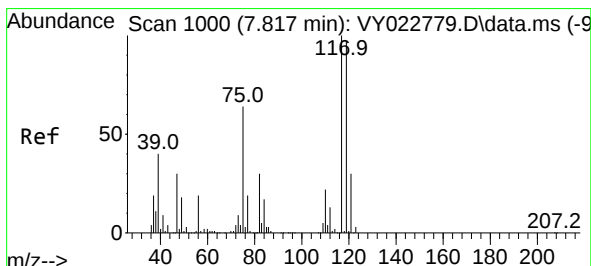
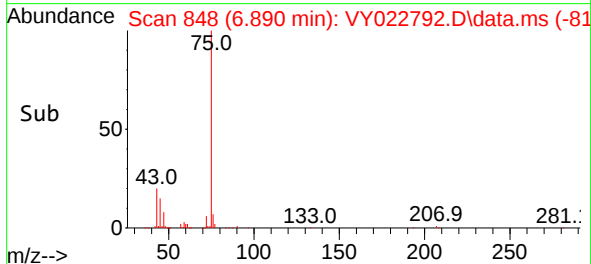
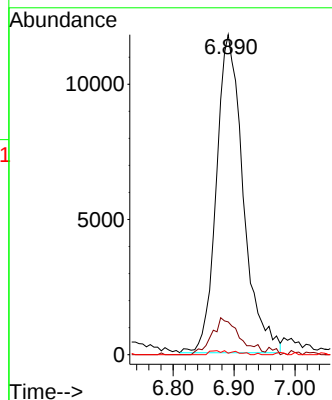
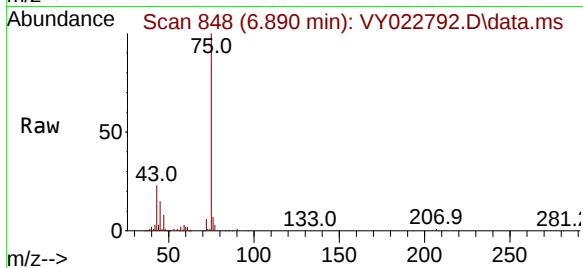
Tgt Ion: 43 Resp: 35992

Ion Ratio Lower Upper

43 100

61 12.0 11.5 17.3

70 0.7 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 6.804 ug/l

RT: 7.707 min Scan# 982

Delta R.T. -0.116 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

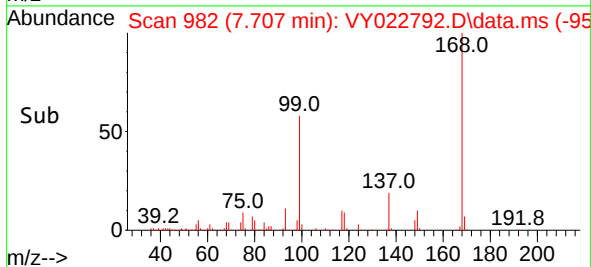
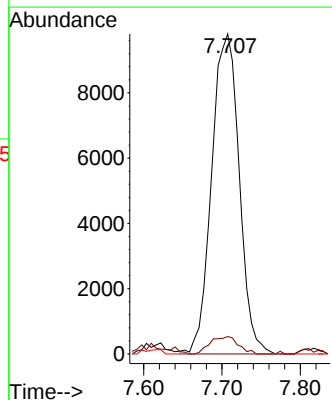
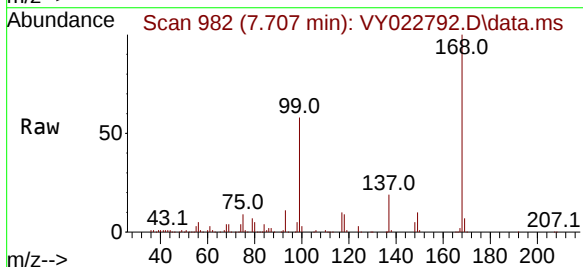
Tgt Ion: 117 Resp: 23960

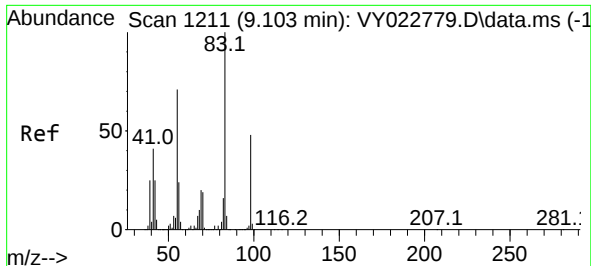
Ion Ratio Lower Upper

117 100

119 4.8 75.0 112.6#

121 0.0 25.0 37.4#





#39

Methylcyclohexane

Concen: 2.633 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.012 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

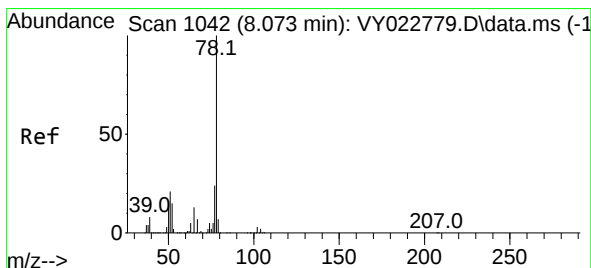
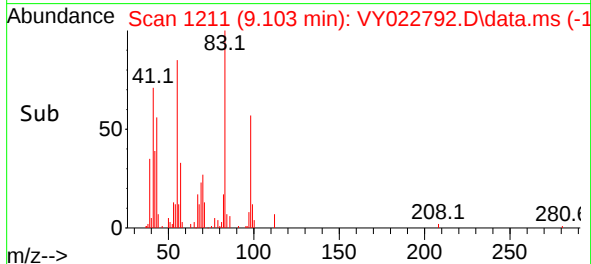
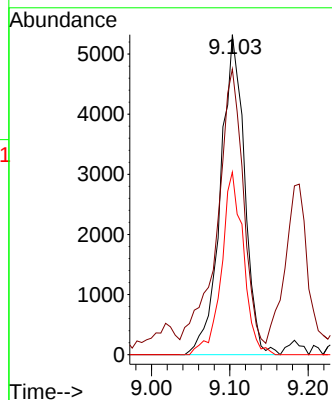
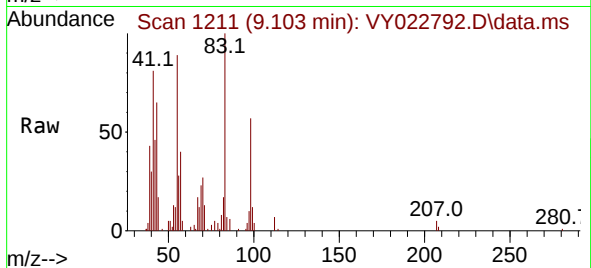
Tgt Ion: 83 Resp: 11372

Ion Ratio Lower Upper

83 100

55 84.5 58.1 87.1

98 57.1 39.0 58.6



#40

Benzene

Concen: 2.007 ug/l

RT: 8.079 min Scan# 1043

Delta R.T. -0.006 min

Lab File: VY022792.D

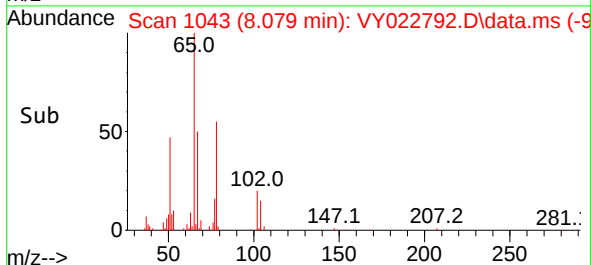
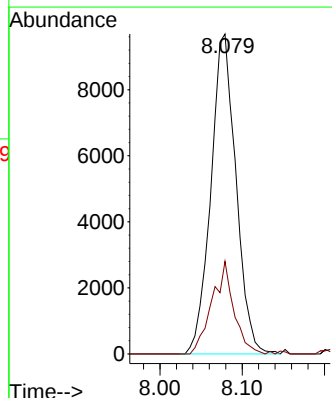
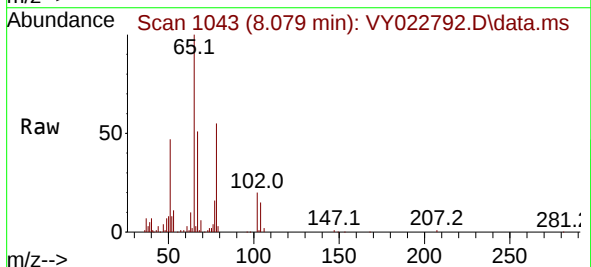
Acq: 24 Jun 2025 13:09

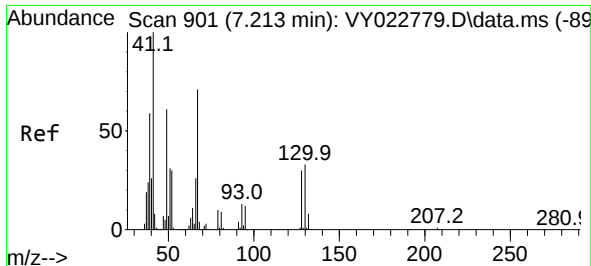
Tgt Ion: 78 Resp: 20596

Ion Ratio Lower Upper

78 100

77 29.0 19.3 28.9#

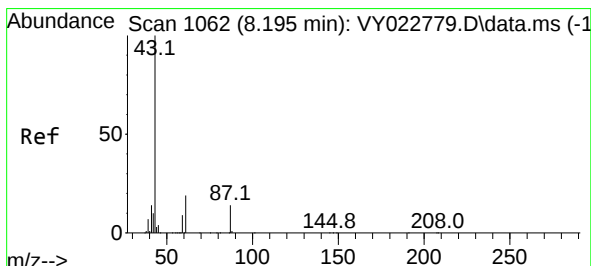
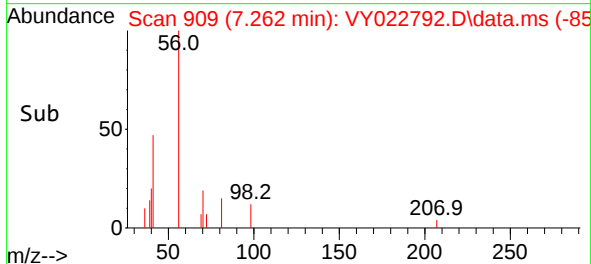
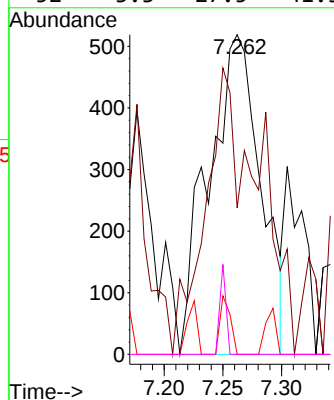
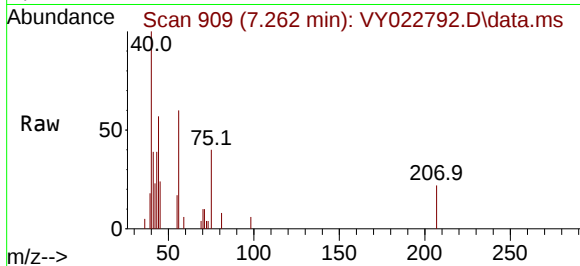




#41
Methacrylonitrile
Concen: 1.807 ug/l
RT: 7.262 min Scan# 901
Delta R.T. 0.030 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

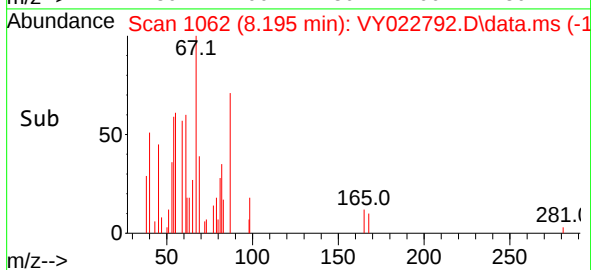
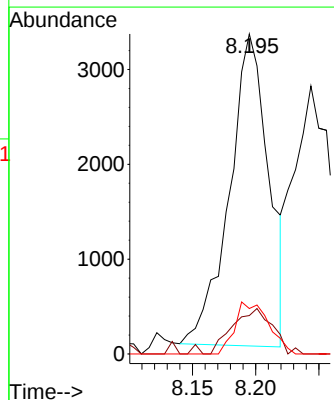
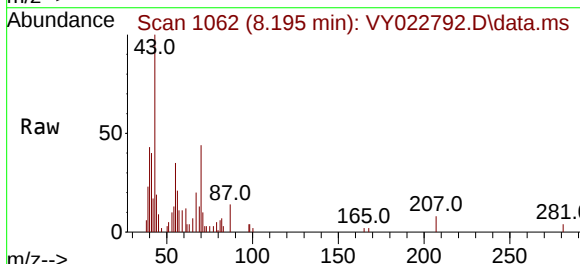
Instrument :
MSVOA_Y
ClientSampleId :

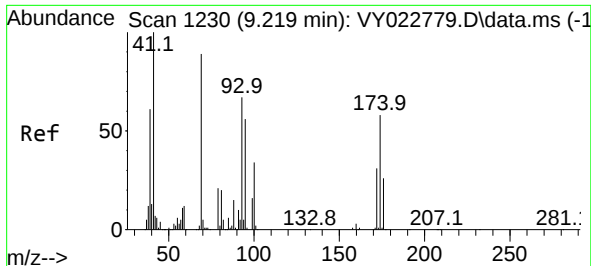
Tgt Ion: 41	Resp: 1602
Ion Ratio	Lower Upper
41 100	
39 65.5	46.6 69.8
67 0.0	63.3 94.9#
52 3.3	27.5 41.3#



#43
Isopropyl Acetate
Concen: 2.376 ug/l
RT: 8.195 min Scan# 1062
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 43	Resp: 7112		
Ion Ratio	Lower	Upper	
43 100			
61 14.9	15.6	23.4#	
87 14.2	10.2	15.4	





#48

Methyl methacrylate

Concen: 18.555 ug/l

RT: 9.183 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

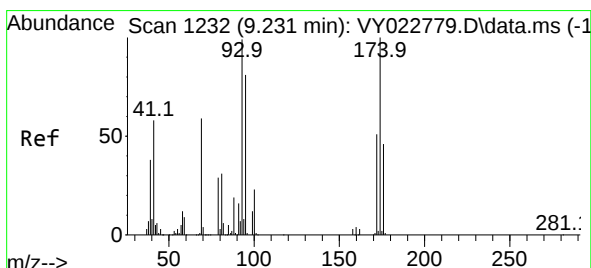
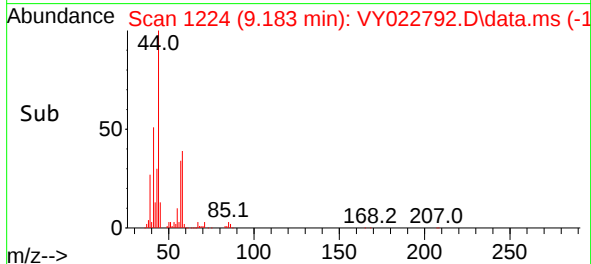
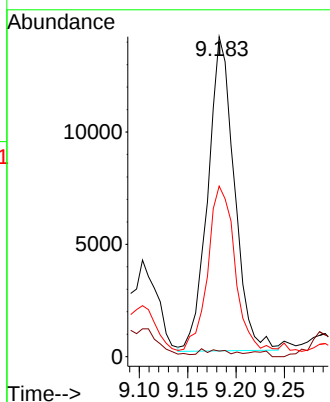
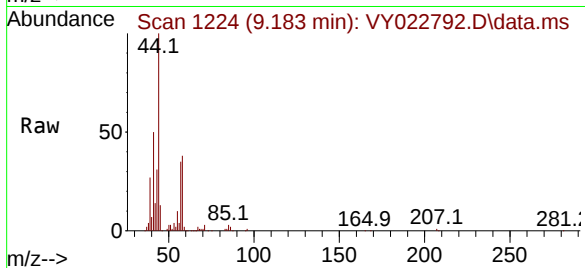
Tgt Ion: 41 Resp: 26698

Ion Ratio Lower Upper

41 100

69 0.5 67.8 101.8#

39 55.8 55.0 82.4



#49

1,4-Dioxane

Concen: 1.366 ug/l

RT: 9.250 min Scan# 1235

Delta R.T. 0.006 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

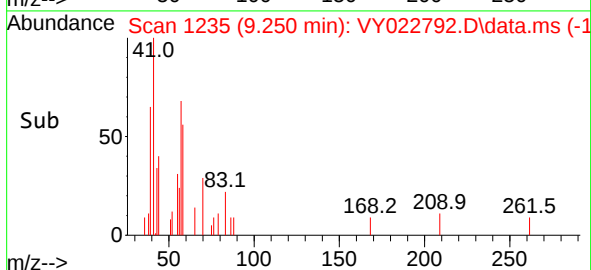
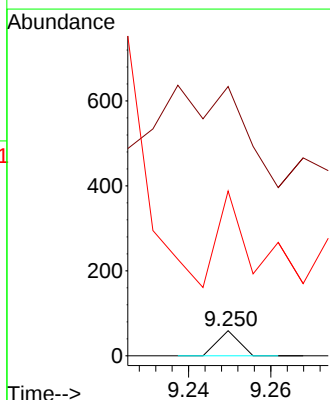
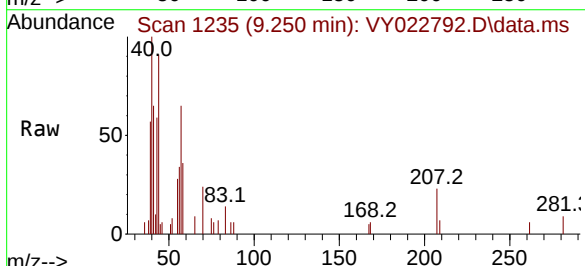
Tgt Ion: 88 Resp: 22

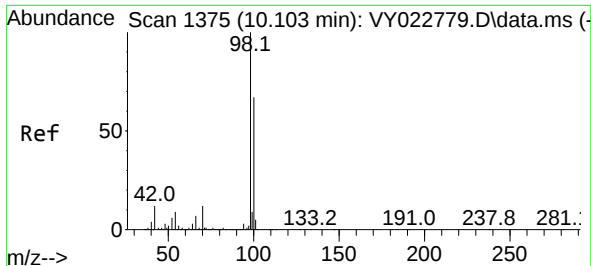
Ion Ratio Lower Upper

88 100

43 0.0 25.4 38.2#

58 0.0 54.9 82.3#

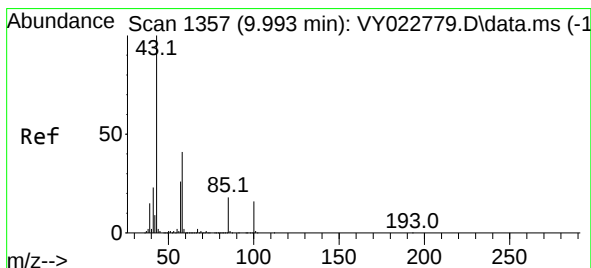
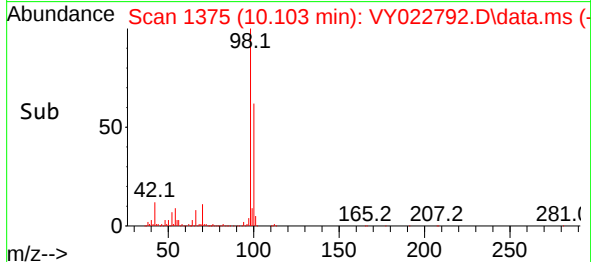
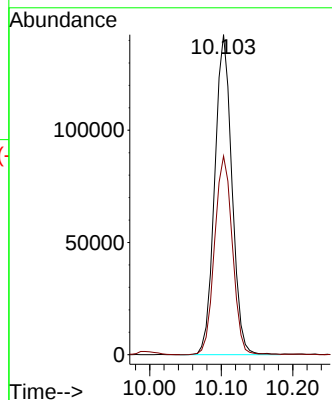
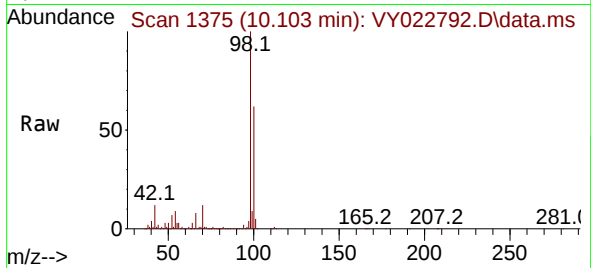




#50
Toluene-d8
Concen: 27.237 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

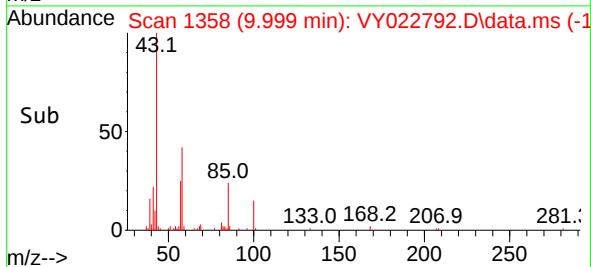
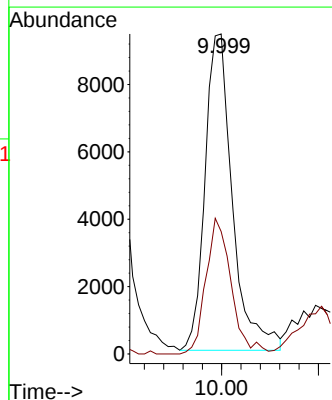
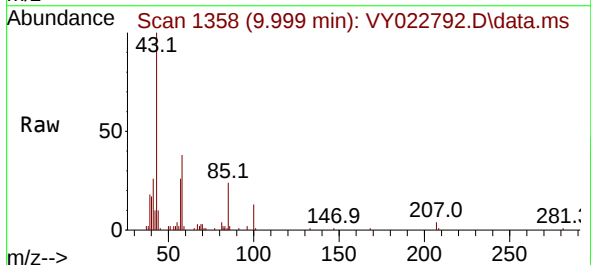
Instrument :
MSVOA_Y
ClientSampleId :

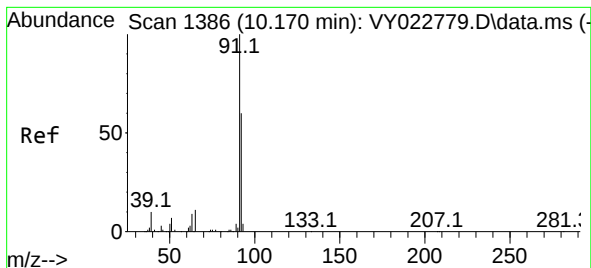
Tgt Ion: 98 Resp: 237960
Ion Ratio Lower Upper
98 100
100 64.1 51.4 77.0



#51
4-Methyl-2-Pentanone
Concen: 12.165 ug/l
RT: 9.999 min Scan# 1358
Delta R.T. -0.000 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 43 Resp: 18502
Ion Ratio Lower Upper
43 100
58 39.3 30.4 45.6





#52

Toluene

Concen: 7.244 ug/l

RT: 10.170 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

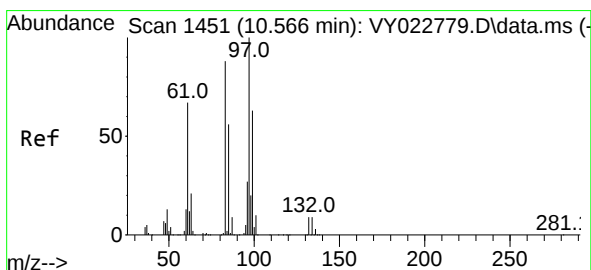
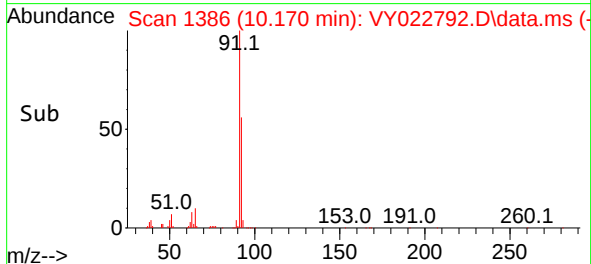
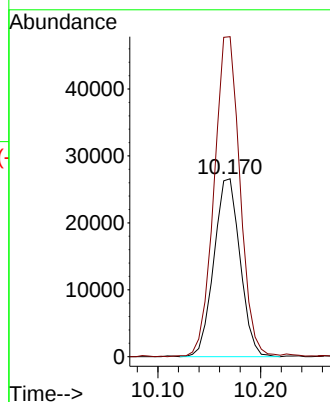
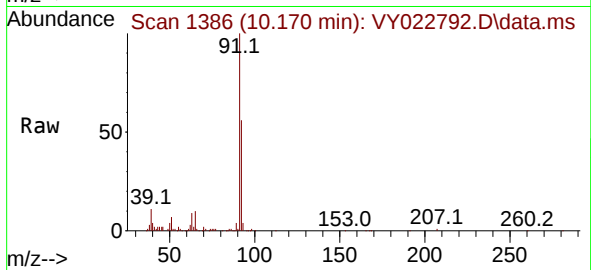
ClientSampleId :

Tgt Ion: 92 Resp: 46894

Ion Ratio Lower Upper

92 100

91 178.5 139.0 208.4



#55

1,1,2-Trichloroethane

Concen: 3.094 ug/l

RT: 10.548 min Scan# 1448

Delta R.T. -0.025 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Tgt Ion: 97 Resp: 5461

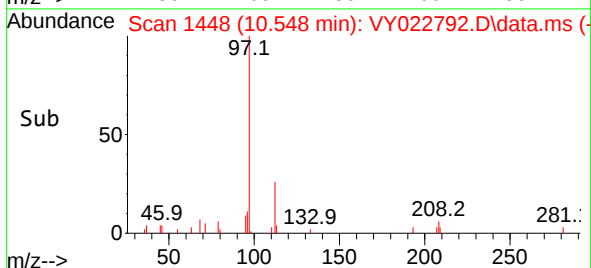
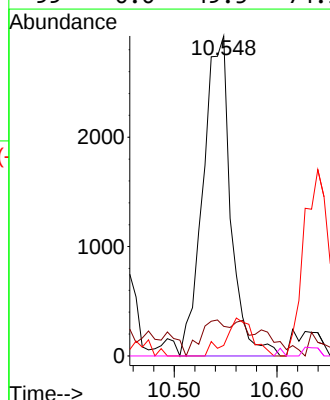
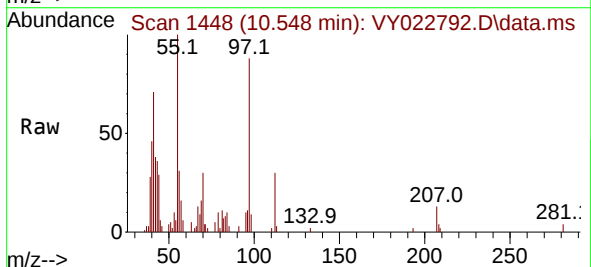
Ion Ratio Lower Upper

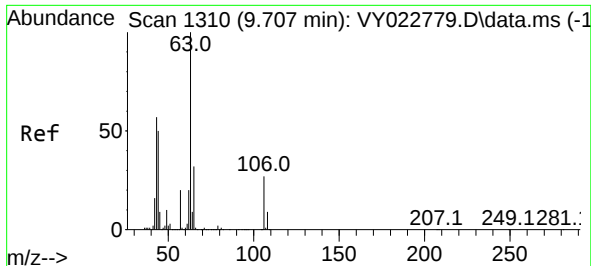
97 100

83 4.7 68.1 102.1#

85 3.3 48.2 72.2#

99 0.0 49.5 74.3#

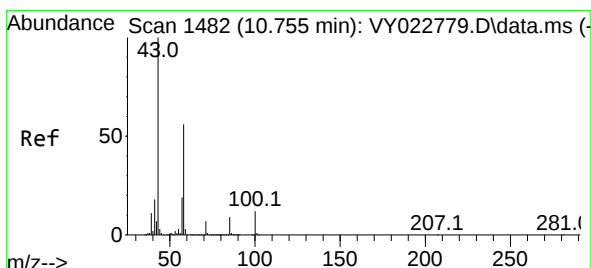
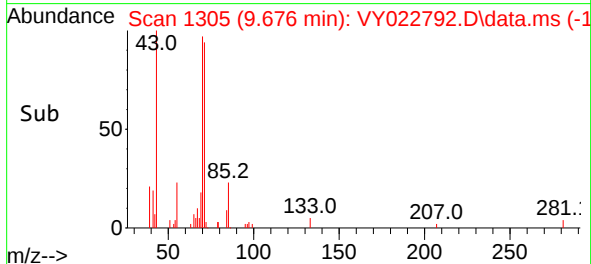
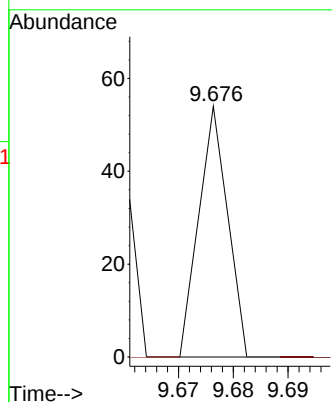
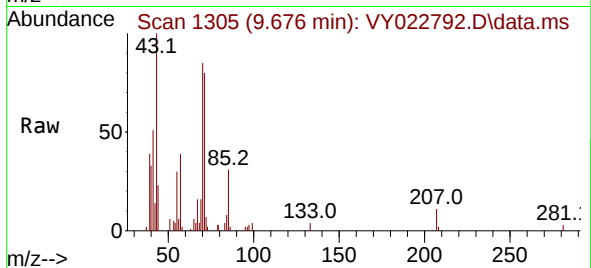




#58
2-Chloroethyl Vinyl ether
Concen: 15.670 ug/l
RT: 9.676 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

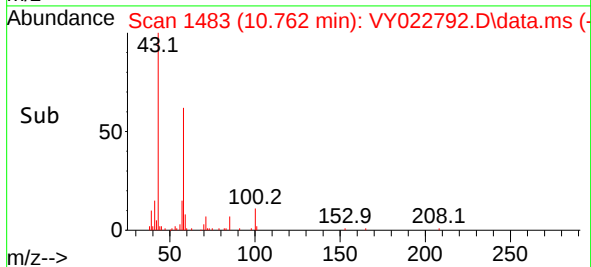
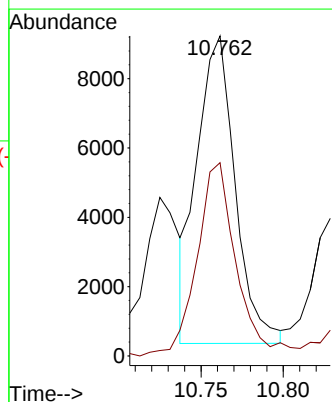
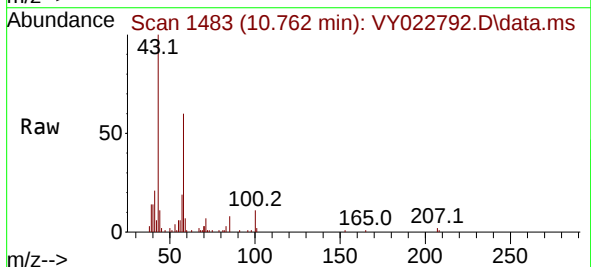
Instrument :
MSVOA_Y
ClientSampleId :

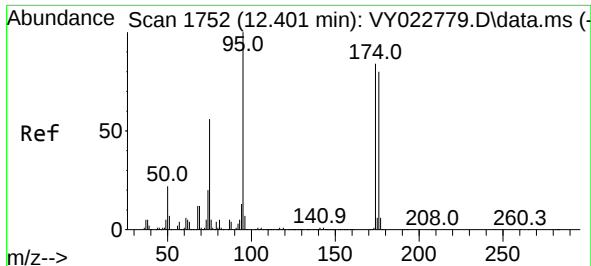
Tgt Ion: 63 Resp: 20
Ion Ratio Lower Upper
63 100
106 0.0 21.6 32.4#



#59
2-Hexanone
Concen: 13.790 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. -0.000 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 43 Resp: 14260
Ion Ratio Lower Upper
43 100
58 65.3 27.3 81.8

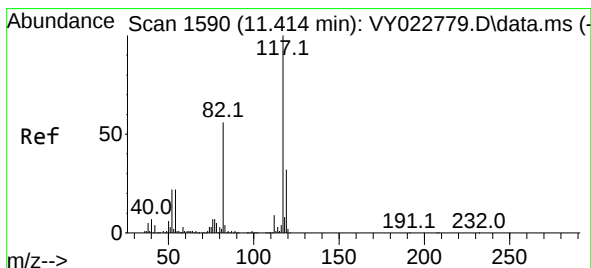
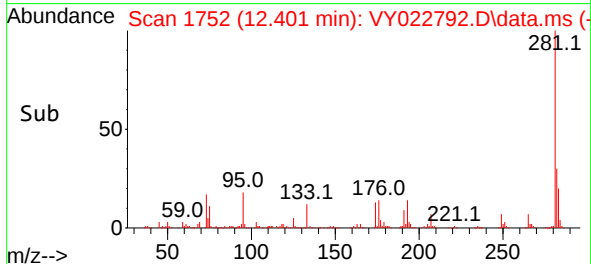
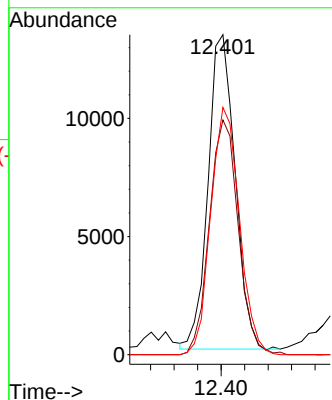
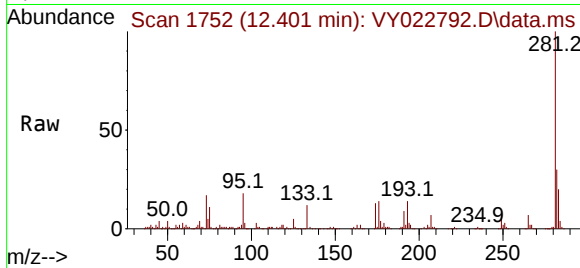




#62
4-Bromofluorobenzene
Concen: 7.565 ug/l
RT: 12.401 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

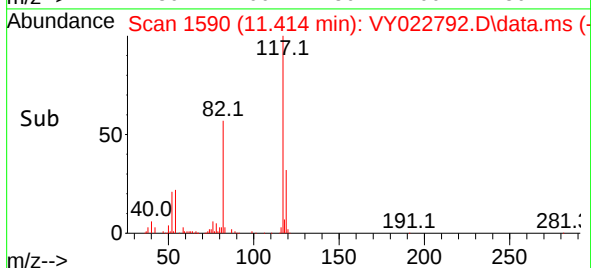
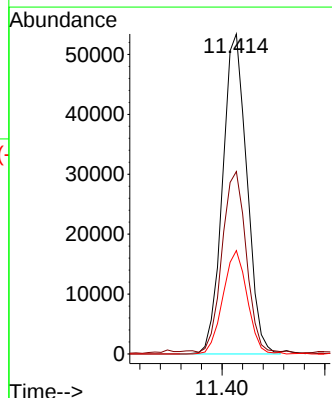
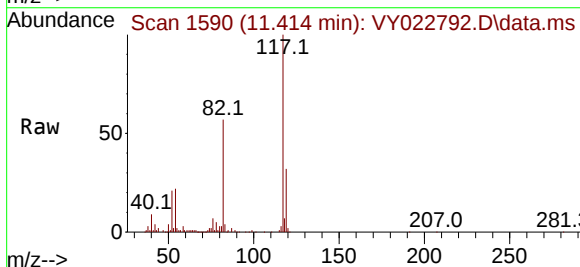
Instrument :
MSVOA_Y
ClientSampleId :

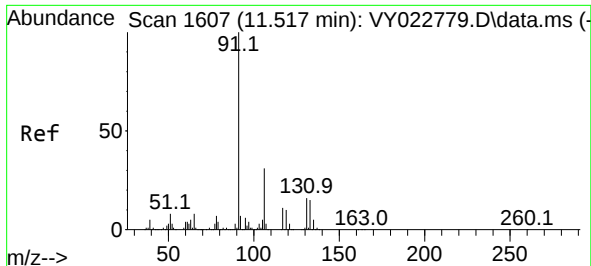
Tgt Ion: 95 Resp: 21247
Ion Ratio Lower Upper
95 100
174 79.9 0.0 170.0
176 83.5 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 117 Resp: 87473
Ion Ratio Lower Upper
117 100
82 56.3 44.6 66.8
119 32.3 25.4 38.0





#67

Ethyl Benzene

Concen: 5.783 ug/l

RT: 11.511 min Scan# 1606

Delta R.T. -0.006 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

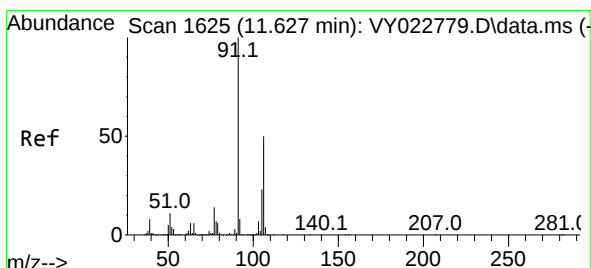
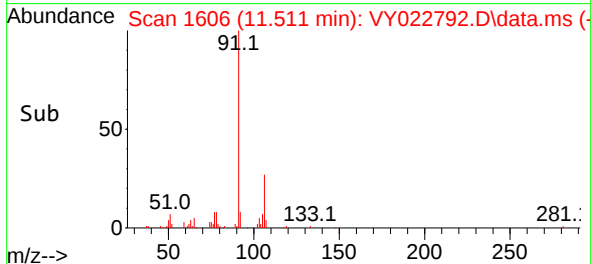
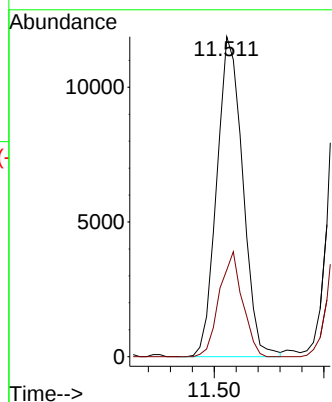
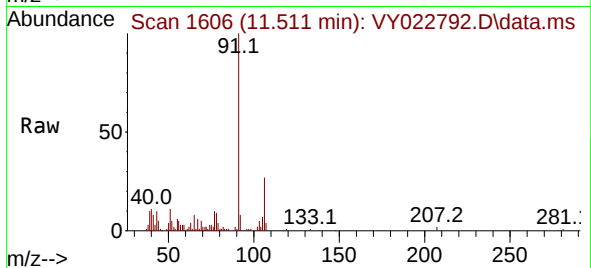
ClientSampleId :

Tgt Ion: 91 Resp: 19529

Ion Ratio Lower Upper

91 100

106 27.1 24.2 36.4



#68

m/p-Xylenes

Concen: 11.382 ug/l

RT: 11.621 min Scan# 1624

Delta R.T. -0.012 min

Lab File: VY022792.D

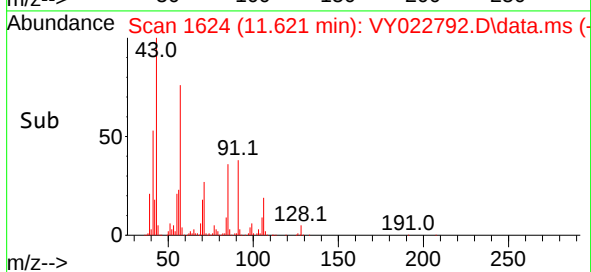
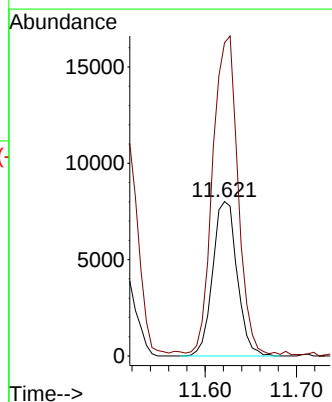
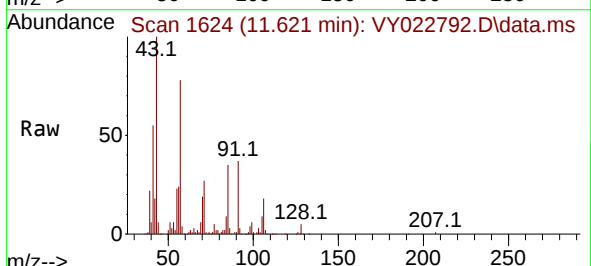
Acq: 24 Jun 2025 13:09

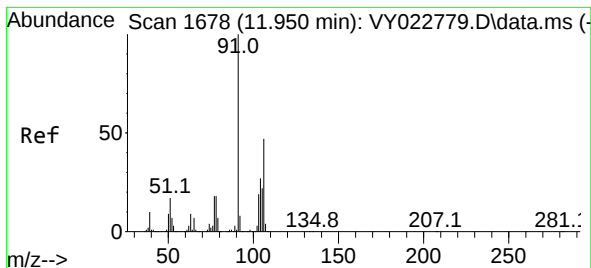
Tgt Ion: 106 Resp: 14859

Ion Ratio Lower Upper

106 100

91 213.3 159.4 239.0

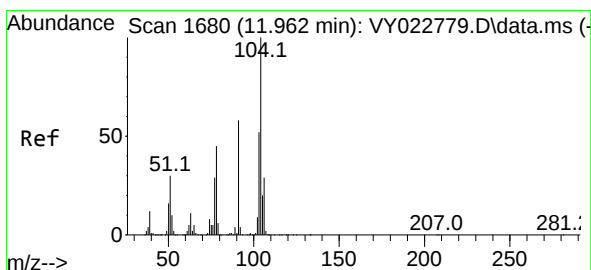
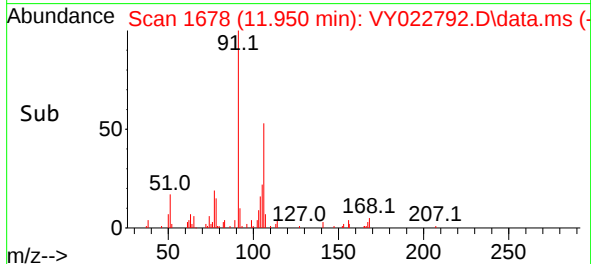
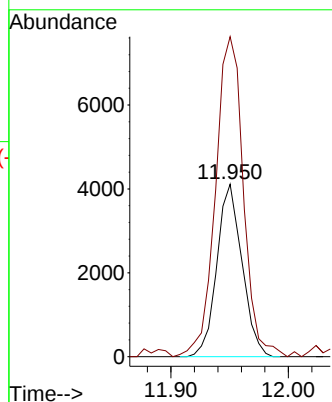
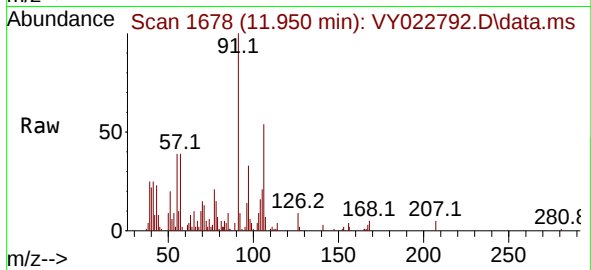




#69
o-Xylene
Concen: 4.979 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

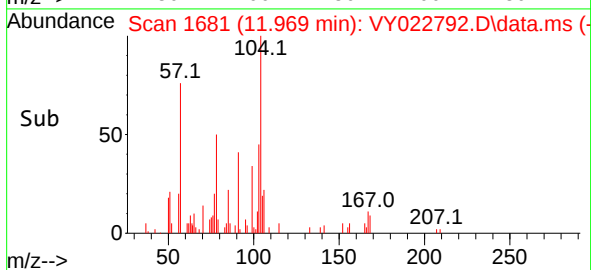
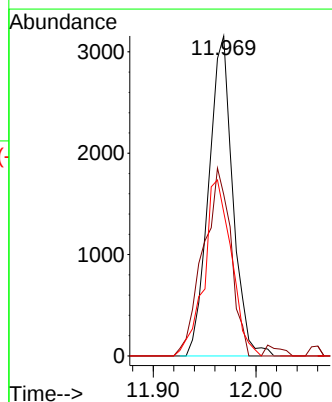
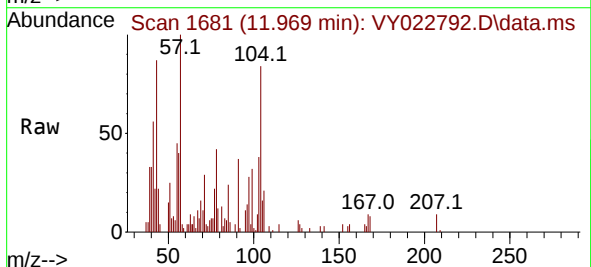
Instrument :
MSVOA_Y
ClientSampleId :

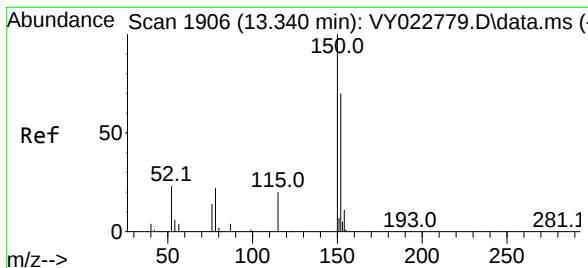
Tgt Ion:106 Resp: 6125
Ion Ratio Lower Upper
106 100
91 205.1 105.8 317.3



#70
Styrene
Concen: 2.491 ug/l
RT: 11.969 min Scan# 1681
Delta R.T. -0.000 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion:104 Resp: 5133
Ion Ratio Lower Upper
104 100
78 67.7 39.5 59.3#
103 62.6 44.1 66.1

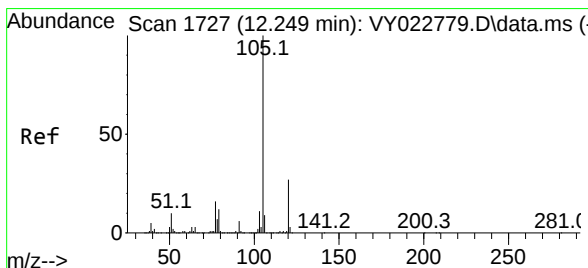
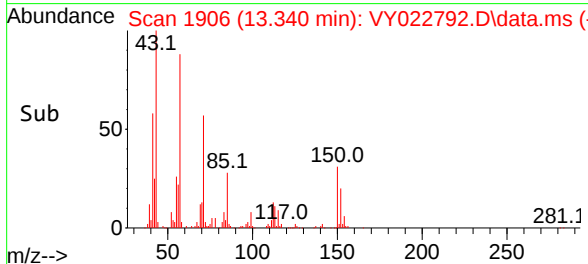
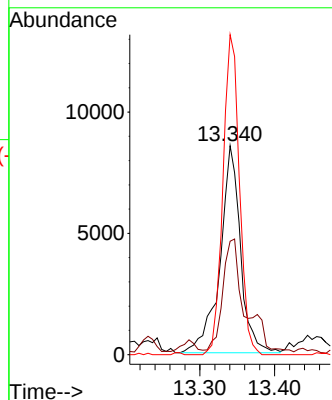
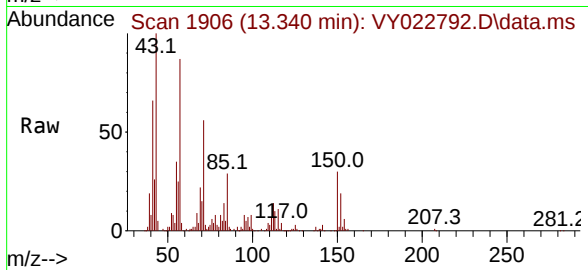




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

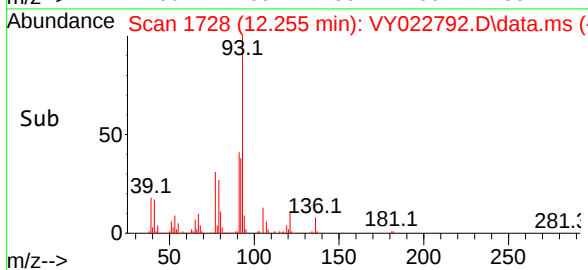
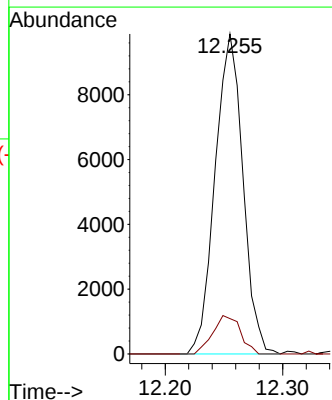
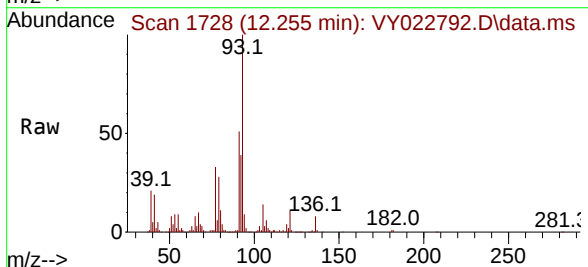
Instrument :
MSVOA_Y
ClientSampleId :

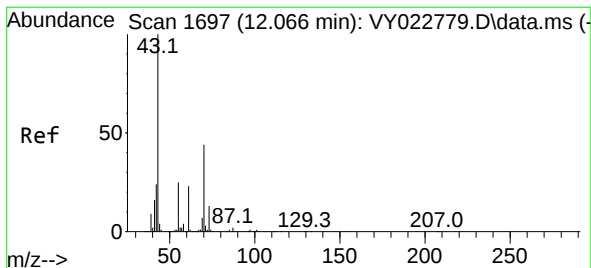
Tgt Ion:152 Resp: 16310
Ion Ratio Lower Upper
152 100
115 46.1 28.9 86.7
150 124.4 0.0 349.6



#73
Isopropylbenzene
Concen: 13.460 ug/l
RT: 12.255 min Scan# 1728
Delta R.T. -0.000 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

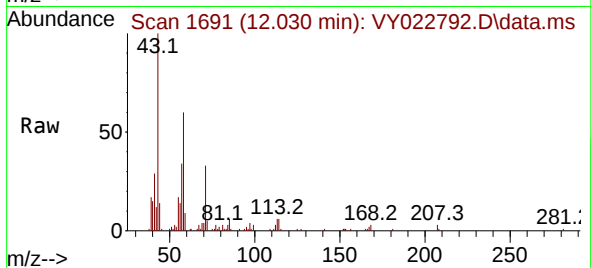
Tgt Ion:105 Resp: 16236
Ion Ratio Lower Upper
105 100
120 11.9 13.0 38.9#



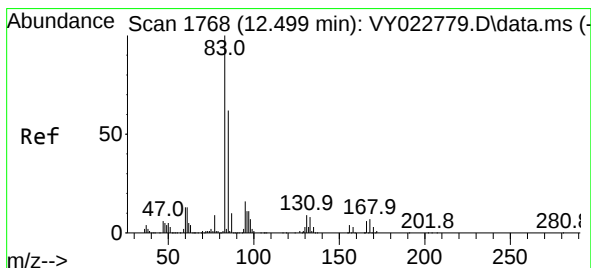
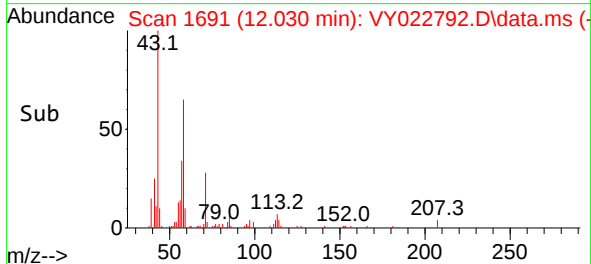
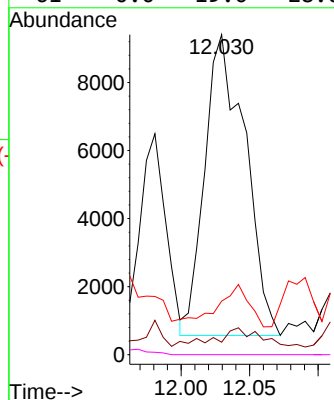


#74
N-amy1 acetate
Concen: 66.943 ug/l
RT: 12.030 min Scan# 1
Delta R.T. -0.043 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Instrument :
MSVOA_Y
ClientSampleId :

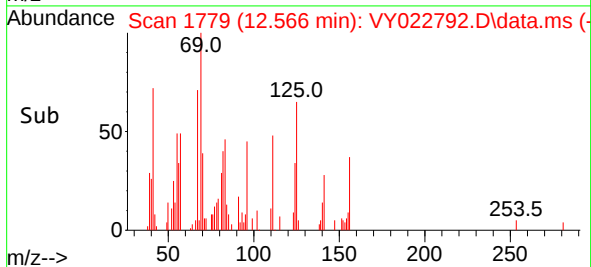
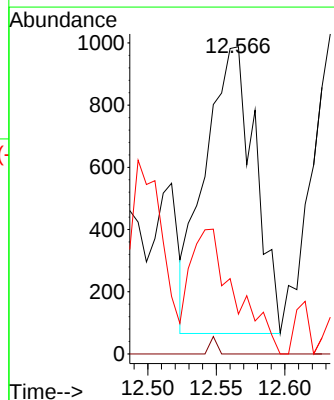
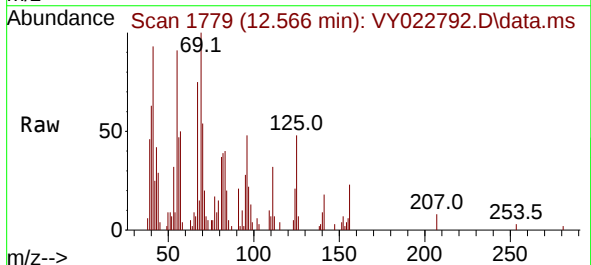


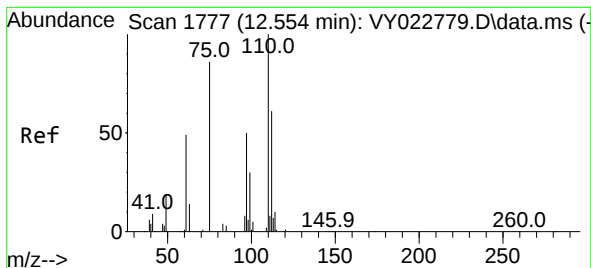
Tgt Ion: 43	Resp: 18125
Ion Ratio	Lower Upper
43 100	
70 5.7	34.2 51.2#
55 9.9	18.2 27.4#
61 0.0	19.0 28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 12.042 ug/l
RT: 12.566 min Scan# 1779
Delta R.T. 0.061 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 83	Resp: 2341
Ion Ratio	Lower Upper
83 100	
131 0.0	4.9 14.7#
85 0.0	32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 93.195 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. -0.153 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

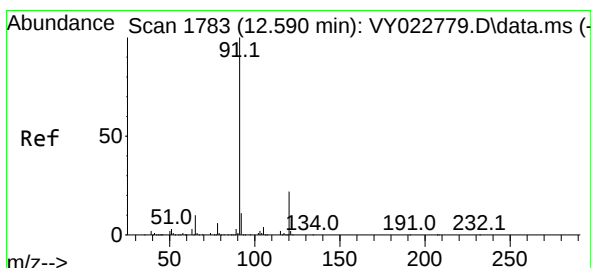
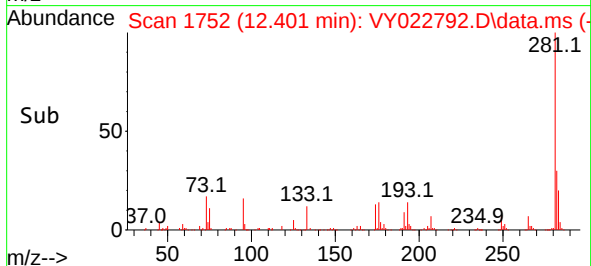
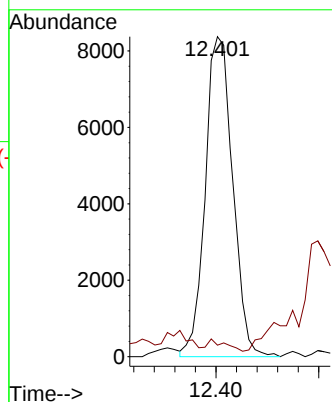
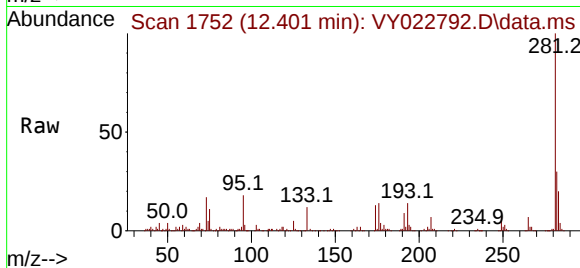
ClientSampleId :

Tgt Ion: 75 Resp: 15518

Ion Ratio Lower Upper

75 100

77 0.0 0.0 0.0



#78

n-propylbenzene

Concen: 4.514 ug/l

RT: 12.590 min Scan# 1783

Delta R.T. -0.006 min

Lab File: VY022792.D

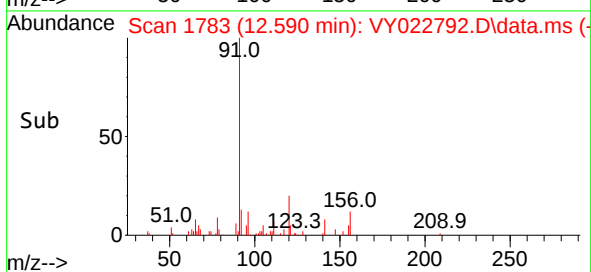
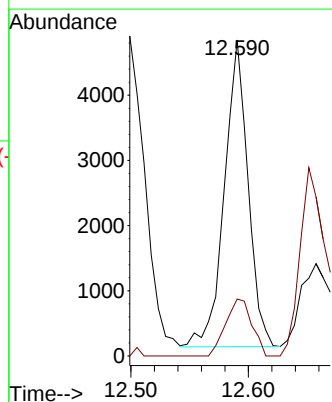
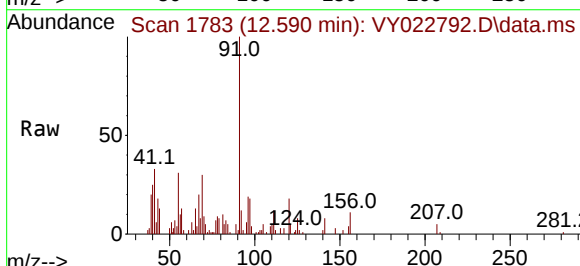
Acq: 24 Jun 2025 13:09

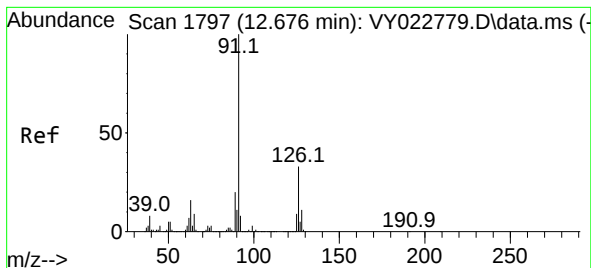
Tgt Ion: 91 Resp: 6574

Ion Ratio Lower Upper

91 100

120 20.5 10.8 32.4

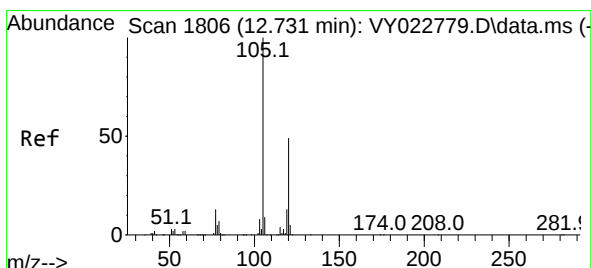
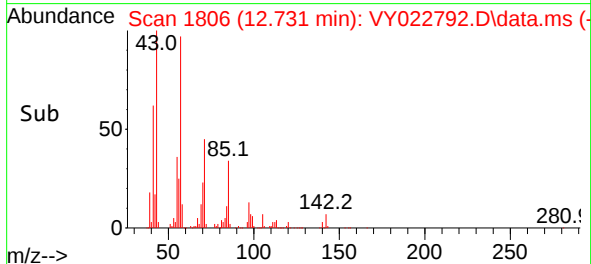
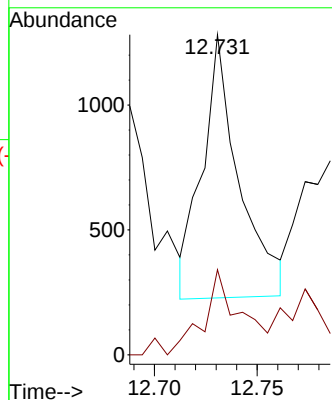
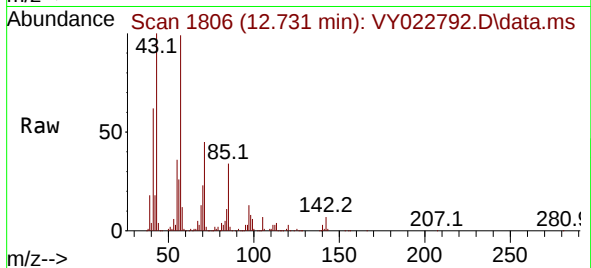




#79
 2-Chlorotoluene
 Concen: 1.592 ug/l
 RT: 12.731 min Scan# 1797
 Delta R.T. 0.049 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

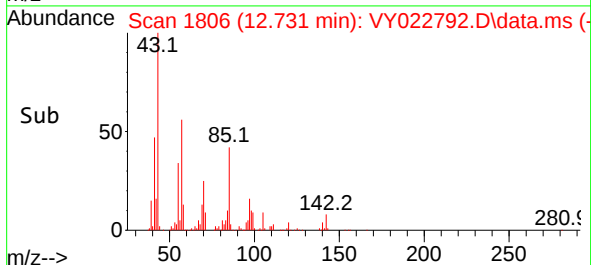
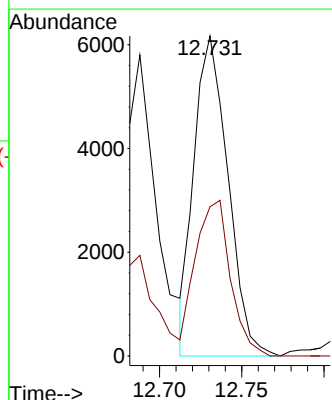
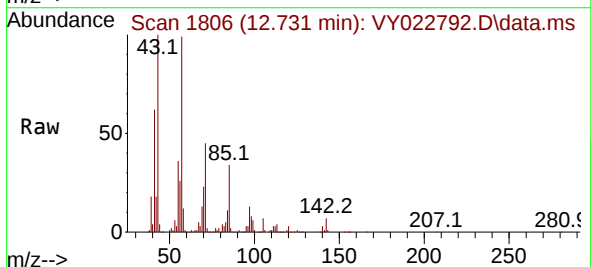
Instrument :
 MSVOA_Y
 ClientSampleId :

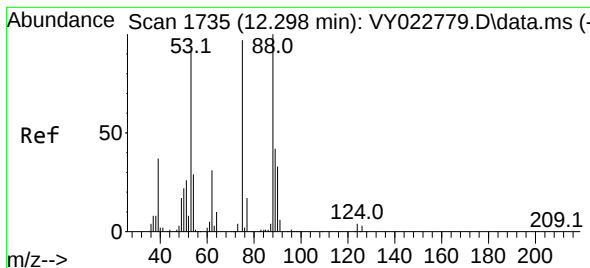
Tgt Ion: 91 Resp: 1310
 Ion Ratio Lower Upper
 91 100
 126 34.6 17.0 51.0



#80
 1,3,5-Trimethylbenzene
 Concen: 9.068 ug/l
 RT: 12.731 min Scan# 1806
 Delta R.T. -0.006 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

Tgt Ion: 105 Resp: 8830
 Ion Ratio Lower Upper
 105 100
 120 50.4 24.1 72.4

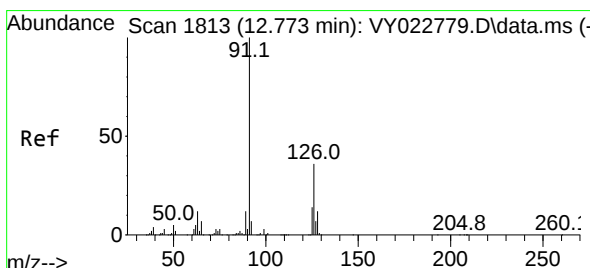
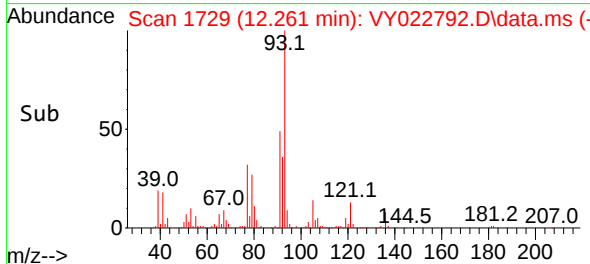
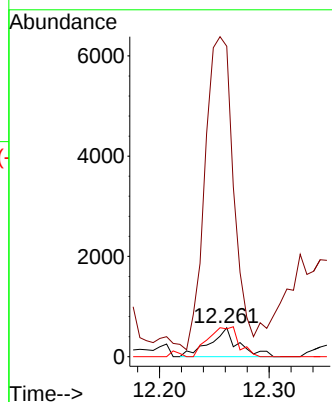
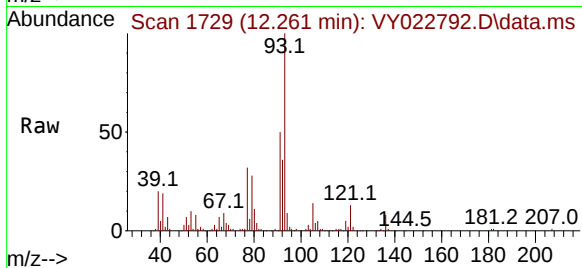




#81
trans-1,4-Dichloro-2-butene
Concen: 15.597 ug/l
RT: 12.261 min Scan# 1729
Delta R.T. -0.043 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

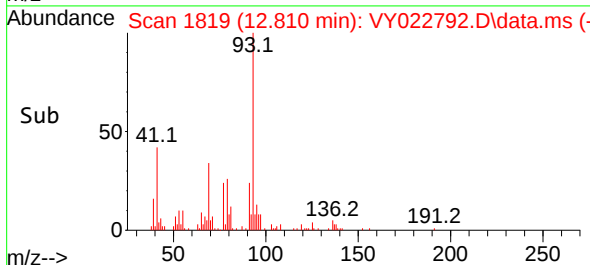
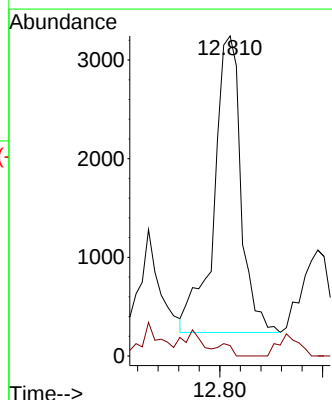
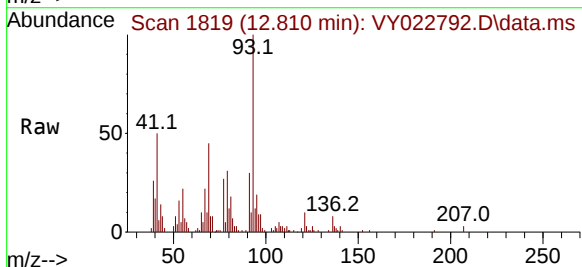
Instrument :
MSVOA_Y
ClientSampleId :

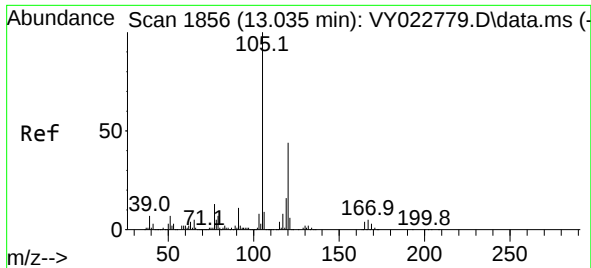
Tgt Ion: 75 Resp: 1028
Ion Ratio Lower Upper
75 100
53 1052.0 78.5 117.7#
89 111.3 35.7 53.5#



#82
4-Chlorotoluene
Concen: 6.327 ug/l
RT: 12.810 min Scan# 1819
Delta R.T. 0.030 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 91 Resp: 5468
Ion Ratio Lower Upper
91 100
126 2.1 17.0 50.9#

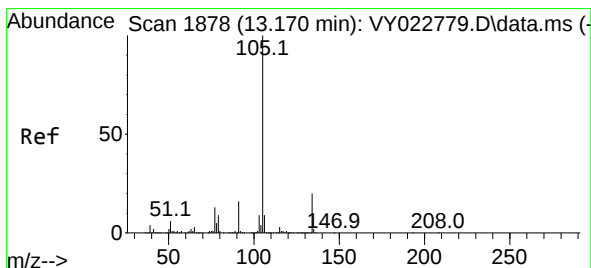
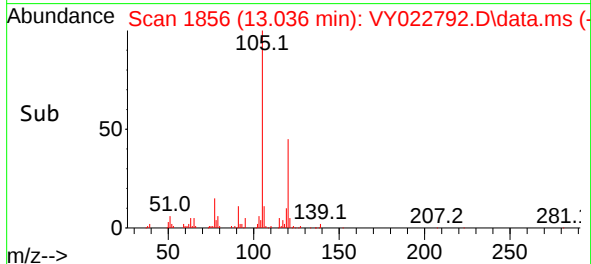
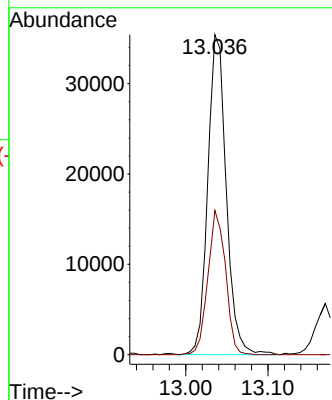
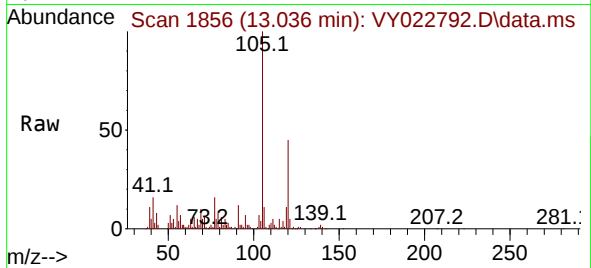




#84
1,2,4-Trimethylbenzene
Concen: 56.632 ug/l
RT: 13.036 min Scan# 1856
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

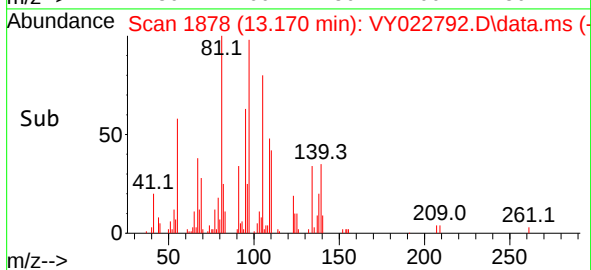
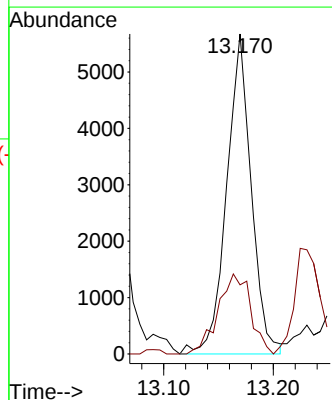
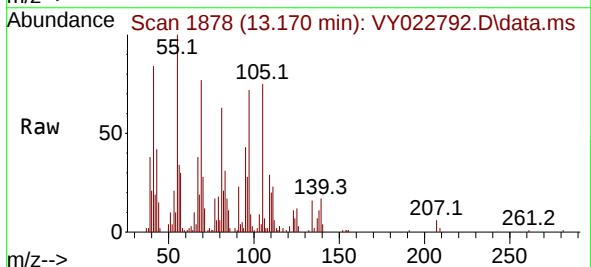
Instrument :
MSVOA_Y
ClientSampleId :

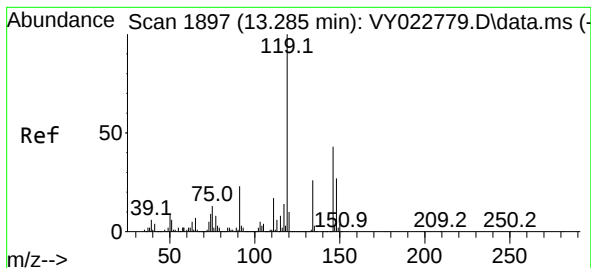
Tgt Ion:105 Resp: 55211
Ion Ratio Lower Upper
105 100
120 43.1 22.7 68.1



#85
sec-Butylbenzene
Concen: 6.845 ug/l
RT: 13.170 min Scan# 1878
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion:105 Resp: 8844
Ion Ratio Lower Upper
105 100
134 33.1 9.7 28.9#

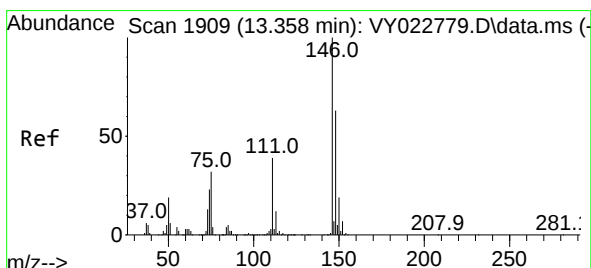
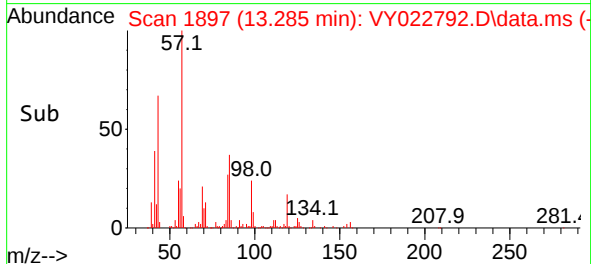
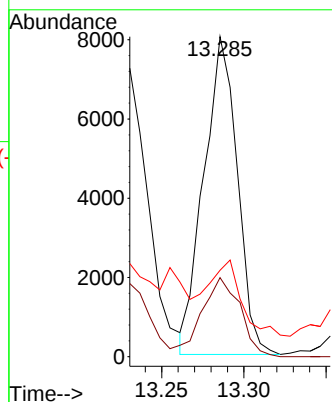
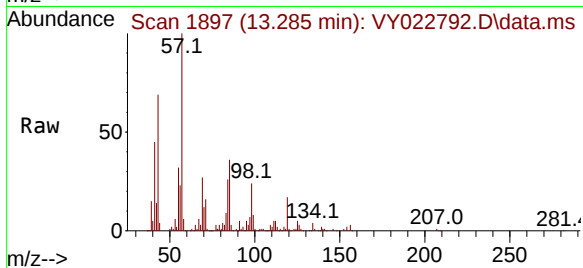




#86
 p-Isopropyltoluene
 Concen: 10.557 ug/l
 RT: 13.285 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

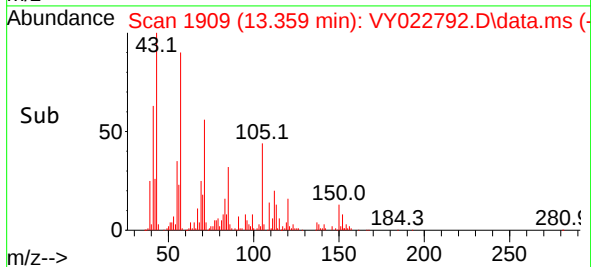
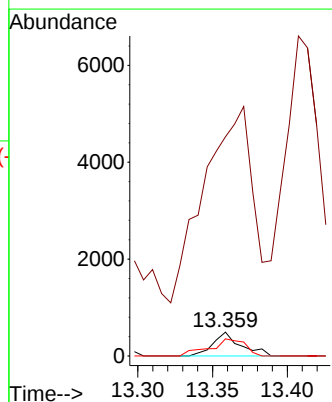
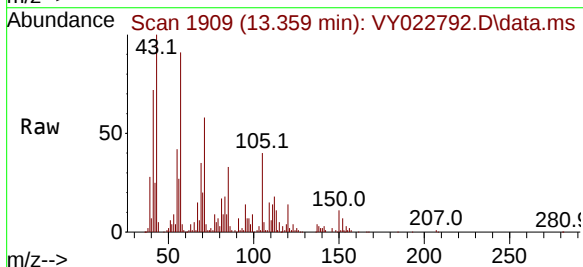
Instrument :
 MSVOA_Y
 ClientSampleId :

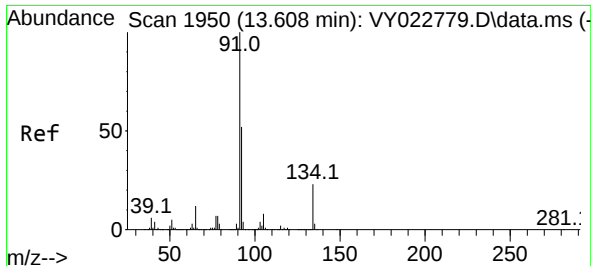
Tgt Ion:119 Resp: 11351
 Ion Ratio Lower Upper
 119 100
 134 28.7 13.1 39.1
 91 21.6 11.6 34.8



#88
 1,4-Dichlorobenzene
 Concen: 1.150 ug/l
 RT: 13.359 min Scan# 1909
 Delta R.T. -0.012 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

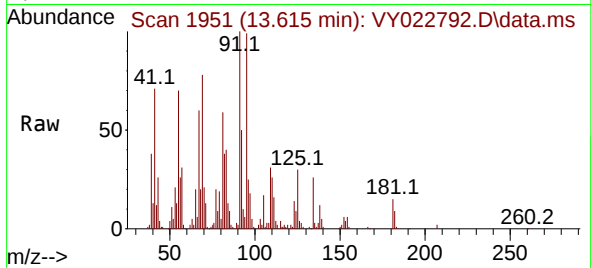
Tgt Ion:146 Resp: 627
 Ion Ratio Lower Upper
 146 100
 111 1431.4 19.4 58.2#
 148 91.7 31.6 94.8



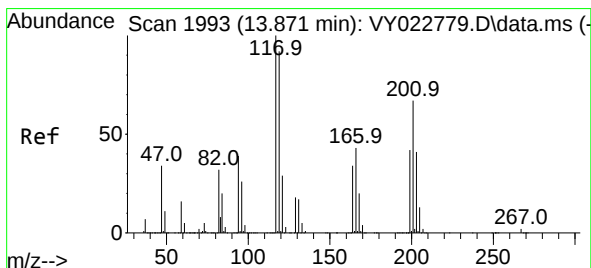
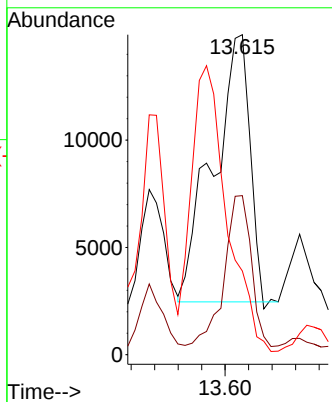
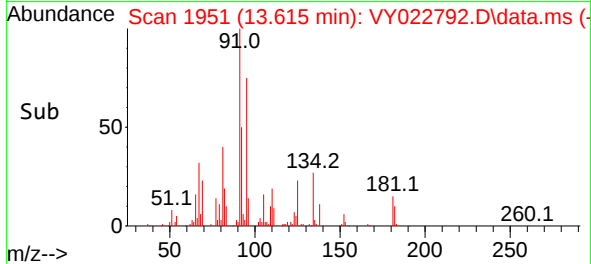


#89
n-Butylbenzene
Concen: 26.702 ug/l
RT: 13.615 min Scan# 1951
Delta R.T. -0.006 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Instrument :
MSVOA_Y
ClientSampleId :

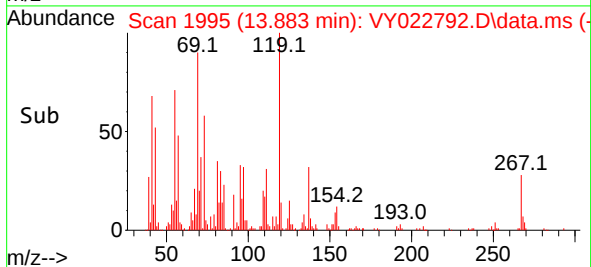
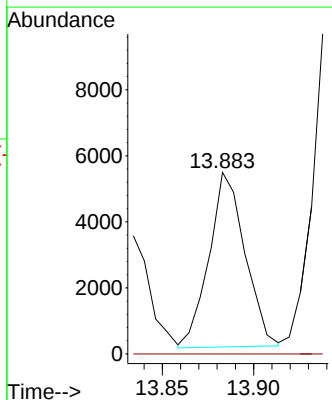
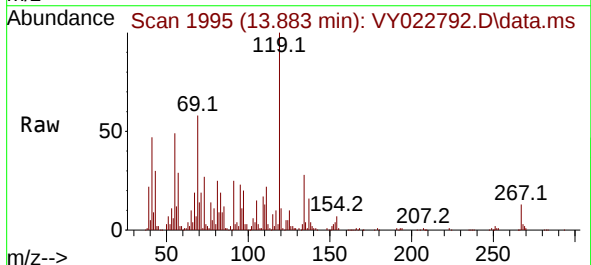


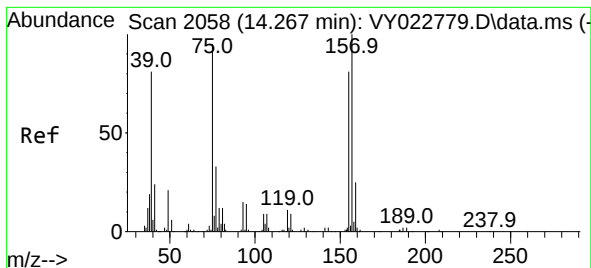
Tgt Ion: 91 Resp: 27007
Ion Ratio Lower Upper
91 100
92 43.6 25.9 77.8
134 0.0 12.0 36.1#



#90
Hexachloroethane
Concen: 33.849 ug/l
RT: 13.883 min Scan# 1995
Delta R.T. -0.000 min
Lab File: VY022792.D
Acq: 24 Jun 2025 13:09

Tgt Ion: 117 Resp: 7249
Ion Ratio Lower Upper
117 100
201 0.0 34.0 102.0#

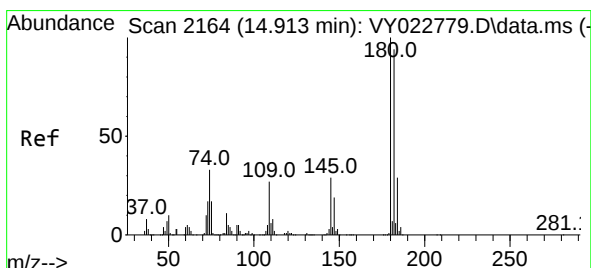
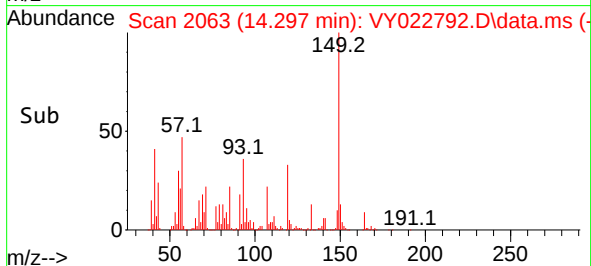
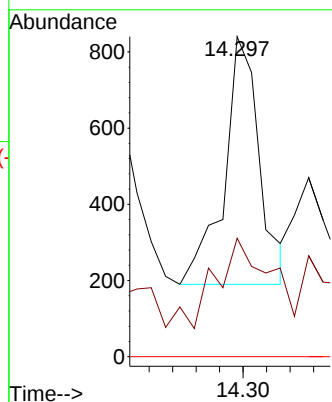
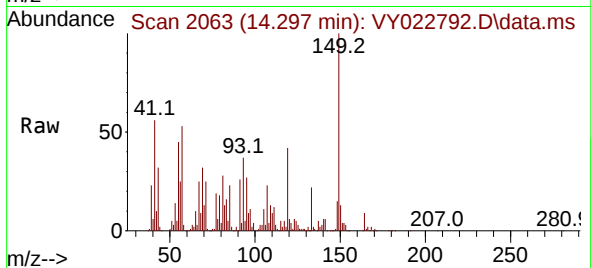




#92
 1,2-Dibromo-3-Chloropropane
 Concen: 20.505 ug/l
 RT: 14.297 min Scan# 2058
 Delta R.T. 0.024 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

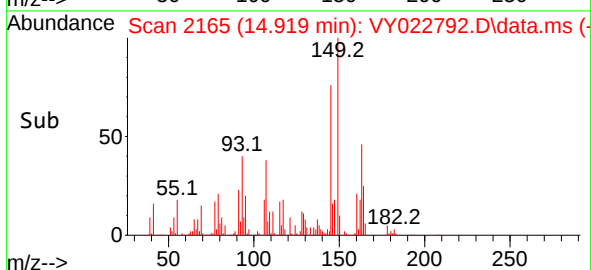
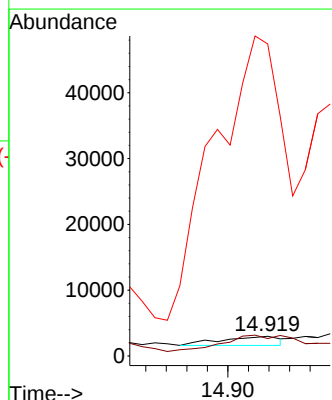
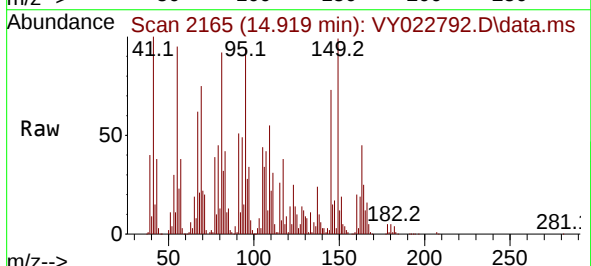
Instrument :
 MSVOA_Y
 ClientSampleId :

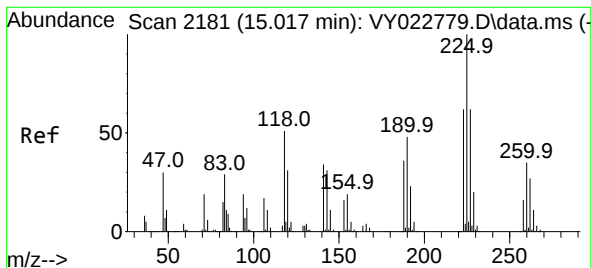
Tgt Ion: 75 Resp: 676
 Ion Ratio Lower Upper
 75 100
 155 54.3 39.9 119.6
 157 0.0 54.0 162.0#



#93
 1,2,4-Trichlorobenzene
 Concen: 9.882 ug/l
 RT: 14.919 min Scan# 2165
 Delta R.T. -0.000 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

Tgt Ion: 180 Resp: 2700
 Ion Ratio Lower Upper
 180 100
 182 238.1 48.4 145.3#
 145 4423.2 15.5 46.5#





#94

Hexachlorobutadiene

Concen: 1.249 ug/l

RT: 15.017 min Scan# 2181

Delta R.T. -0.006 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

Instrument :

MSVOA_Y

ClientSampleId :

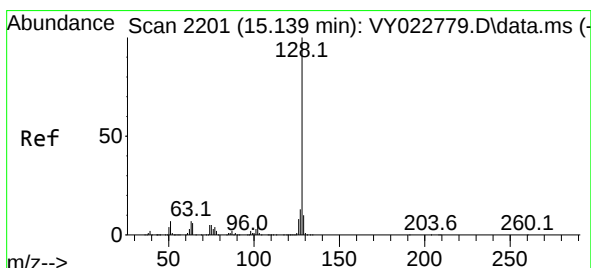
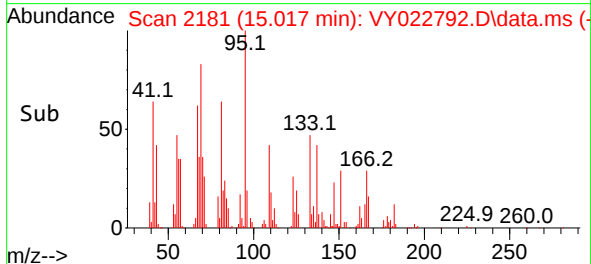
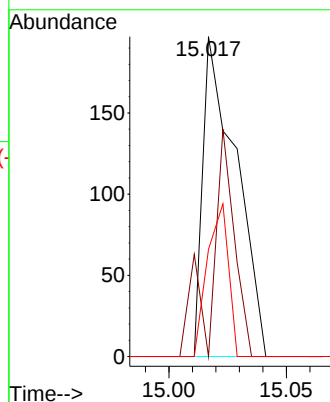
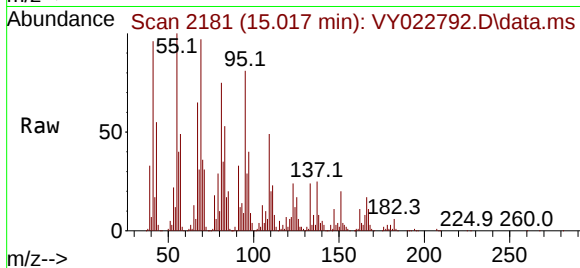
Tgt Ion:225 Resp: 193

Ion Ratio Lower Upper

225 100

223 49.2 32.5 97.4

227 30.6 32.3 96.9#



#95

Naphthalene

Concen: 141.980 ug/l

RT: 15.139 min Scan# 2201

Delta R.T. -0.006 min

Lab File: VY022792.D

Acq: 24 Jun 2025 13:09

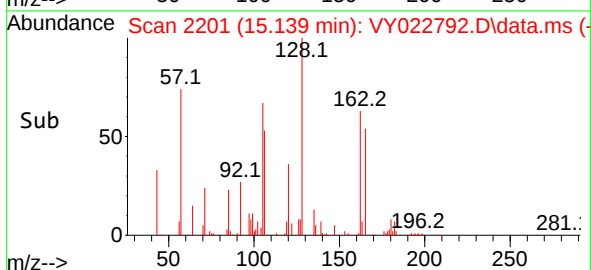
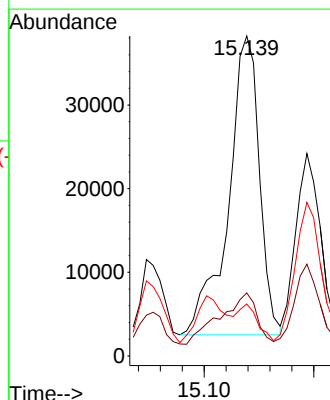
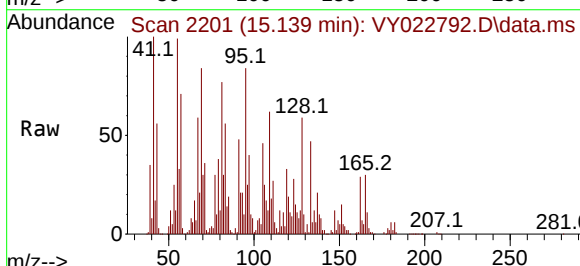
Tgt Ion:128 Resp: 70148

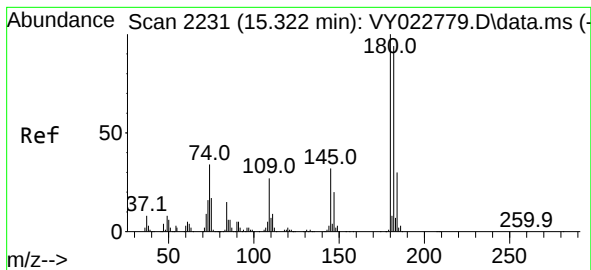
Ion Ratio Lower Upper

128 100

127 20.4 10.4 15.6#

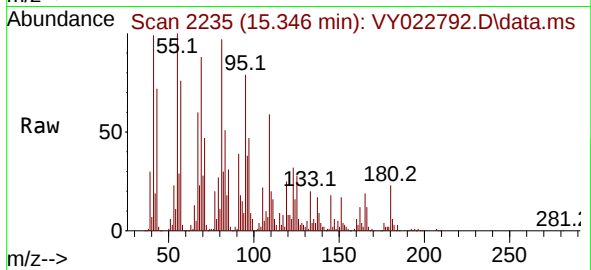
129 7.3 8.9 13.3#





#96
 1,2,3-Trichlorobenzene
 Concen: 101.525 ug/l
 RT: 15.346 min Scan# 21
 Delta R.T. 0.018 min
 Lab File: VY022792.D
 Acq: 24 Jun 2025 13:09

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion	Ratio	Lower	Upper
180	100		
182	0.0	47.1	141.3#
145	0.0	15.2	45.6#

