

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
 Data File : VY022793.D
 Acq On : 24 Jun 2025 13:32
 Operator : SY/MD
 Sample : Q2363-01
 Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 GCAP1

Quant Time: Jun 25 01:25:12 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	325185	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.610	114	571084	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	576784	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	303388	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.055	65	165802	45.683	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	91.360%
35) Dibromofluoromethane	7.628	113	173360	49.916	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.840%
50) Toluene-d8	10.103	98	896002	65.014	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	130.020%
62) 4-Bromofluorobenzene	12.396	95	365336	82.462	ug/l	-0.01
Spiked Amount	50.000	Range	30 - 143	Recovery	=	164.920%#

Target Compounds				Qvalue		
14) Allyl chloride	4.653	41	81900	16.177	ug/l #	52
15) Acrylonitrile	5.129	53	7369	9.735	ug/l #	45
16) Acetone	3.842	43	6498	9.473	ug/l #	61
18) Methyl Acetate	4.653	43	204758	90.132	ug/l #	51
20) Methylene Chloride	4.610	84	8420	1.944	ug/l #	78
25) 2-Butanone	6.878	43	11704	11.723	ug/l #	46
31) Cyclohexane	7.695	56	185350	29.732	ug/l	94
36) 1,1-Dichloropropene	7.701	75	28123	5.342	ug/l #	59
37) Ethyl Acetate	6.878	43	11704	5.152	ug/l #	74
38) Carbon Tetrachloride	7.701	117	34311	6.177	ug/l #	17
39) Methylcyclohexane	9.103	83	1398906	205.343	ug/l	99
43) Isopropyl Acetate	8.183	43	148055	31.359	ug/l #	62
45) 1,2-Dichloropropane	9.103	63	16284	4.299	ug/l #	1
47) Bromodichloromethane	9.390	83	49413	8.911	ug/l #	38
48) Methyl methacrylate	9.244	41	25334	11.162	ug/l #	11
51) 4-Methyl-2-Pentanone	10.036	43	45540	18.981	ug/l	88
55) 1,1,2-Trichloroethane	10.542	97	658745	236.574	ug/l #	19
56) Ethyl methacrylate	10.445	69	259072	69.155	ug/l #	7
58) 2-Chloroethyl Vinyl ether	9.731	63	975	16.119	ug/l #	68
59) 2-Hexanone	10.725	43	98506	60.389	ug/l #	29
61) 1,2-Dibromoethane	10.999	107	3875	1.487	ug/l #	1
73) Isopropylbenzene	12.249	105	54463	2.427	ug/l	91
74) N-amyl acetate	12.042	43	91231	18.114	ug/l #	43
75) 1,1,2,2-Tetrachloroethane	12.469	83	72668	20.095	ug/l #	25
76) 1,2,3-Trichloropropane	12.396	75	150128	48.470	ug/l #	100
77) Bromobenzene	12.566	156	49700	9.772	ug/l #	28
78) n-propylbenzene	12.591	91	106853	3.944	ug/l	93
79) 2-Chlorotoluene	12.713	91	19951	1.304	ug/l #	41
81) trans-1,4-Dichloro-2-b...	12.396	75	150128	122.454	ug/l #	18
83) tert-Butylbenzene	12.993	119	48420	3.031	ug/l	72
84) 1,2,4-Trimethylbenzene	12.889	105	31539	1.739	ug/l	72
85) sec-Butylbenzene	13.170	105	96968	4.035	ug/l #	69
86) p-Isopropyltoluene	13.286	119	36452	1.823	ug/l	99
89) n-Butylbenzene	13.609	91	31061	1.651	ug/l #	54
90) Hexachloroethane	13.889	117	52552	13.192	ug/l #	17
92) 1,2-Dibromo-3-Chloropr...	14.328	75	5716	9.321	ug/l #	2

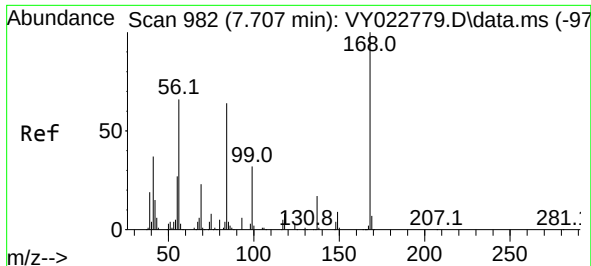
Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062425\
Data File : VY022793.D
Acq On : 24 Jun 2025 13:32
Operator : SY/MD
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Misc : 5.39g/5.0mL/MSVOA_Y/SOIL/B
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Quant Time: Jun 25 01:25:12 2025
Quant Method : 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)
95) Naphthalene	15.102	128	33133	3.605	ug/l #	1

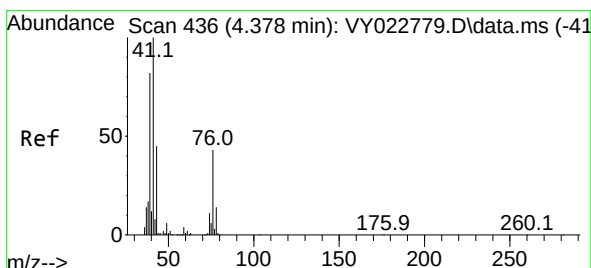
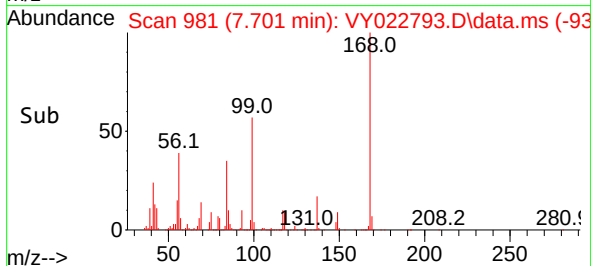
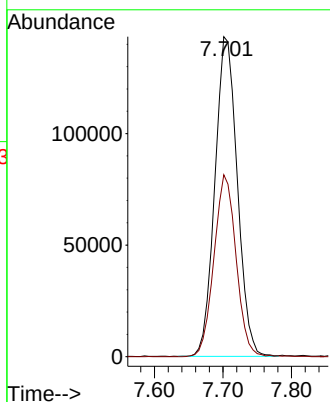
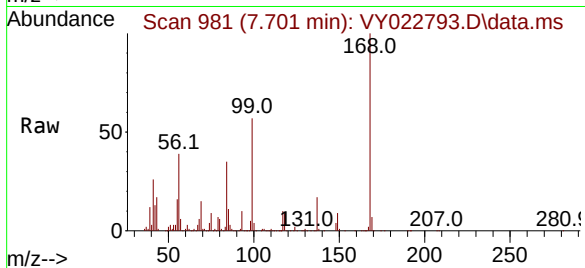
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

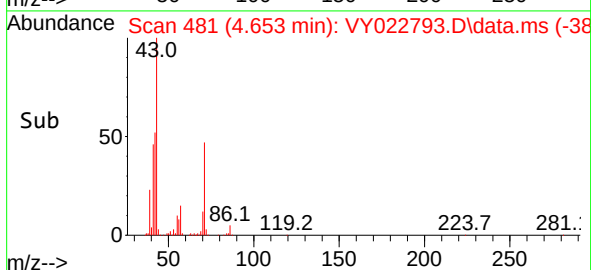
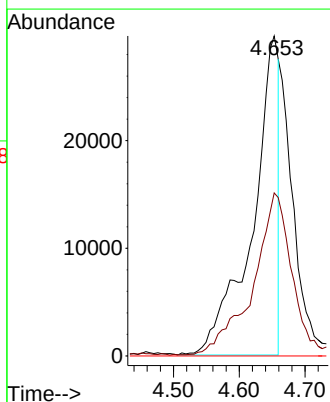
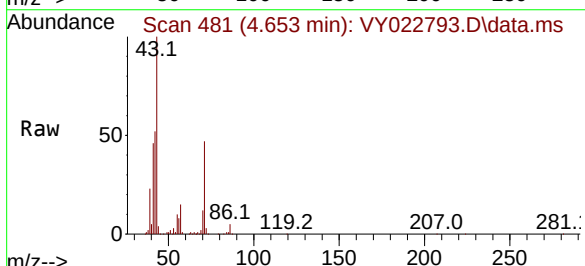
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

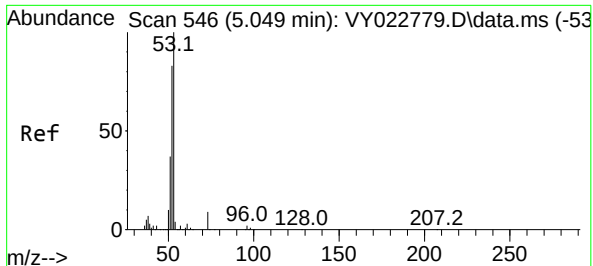
Tgt Ion:168 Resp: 325185
Ion Ratio Lower Upper
168 100
99 56.9 44.3 66.5



#14
Allyl chloride
Concen: 16.177 ug/l
RT: 4.653 min Scan# 481
Delta R.T. 0.262 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 41 Resp: 81900
Ion Ratio Lower Upper
41 100
39 50.0 69.1 103.7#
76 0.0 33.5 50.3#

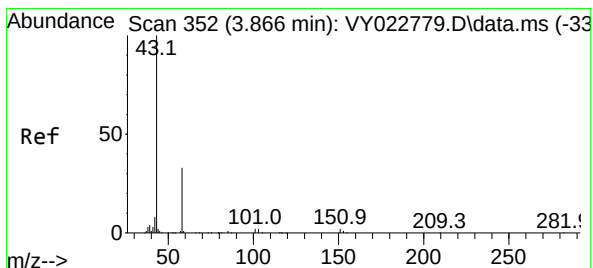
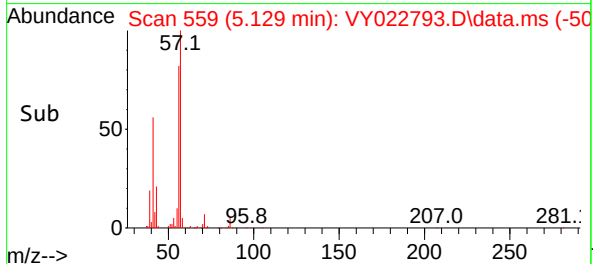
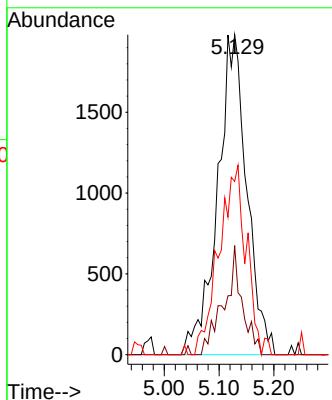
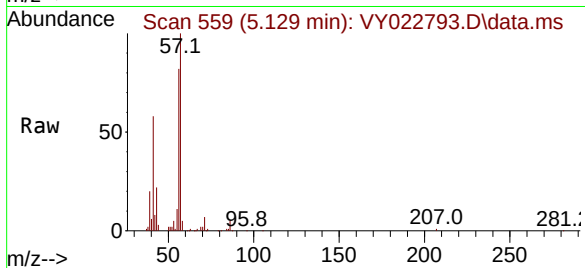




#15
Acrylonitrile
Concen: 9.735 ug/l
RT: 5.129 min Scan# 51
Delta R.T. 0.061 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

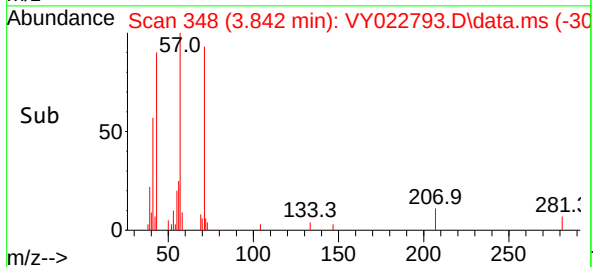
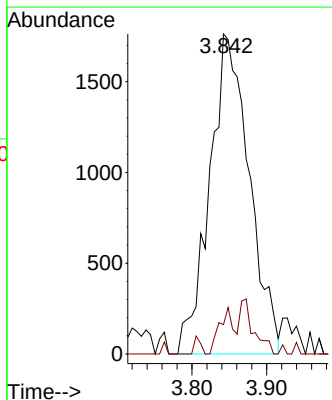
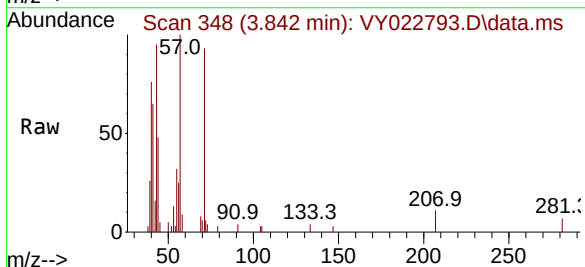
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ClientSampleId :
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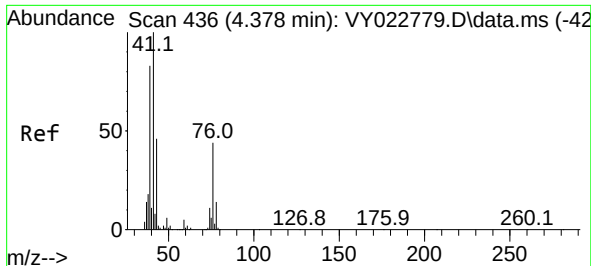
Tgt Ion: 53 Resp: 7369
Ion Ratio Lower Upper
53 100
52 21.3 65.7 98.5#
51 54.4 30.1 45.1#



#16
Acetone
Concen: 9.473 ug/l
RT: 3.842 min Scan# 348
Delta R.T. -0.037 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 43 Resp: 6498
Ion Ratio Lower Upper
43 100
58 9.1 24.0 36.0#

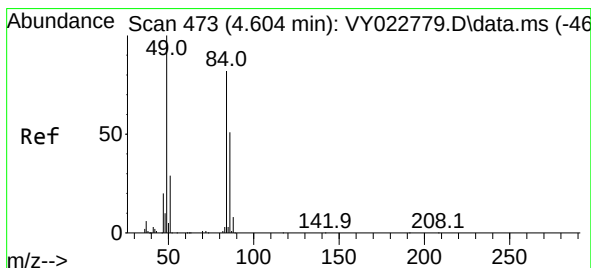
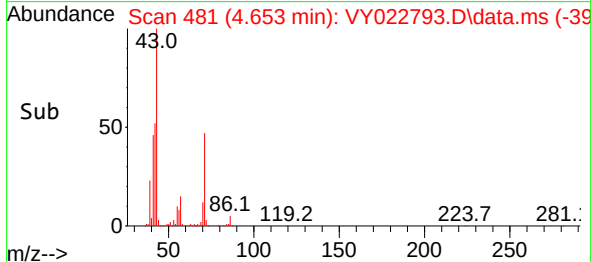
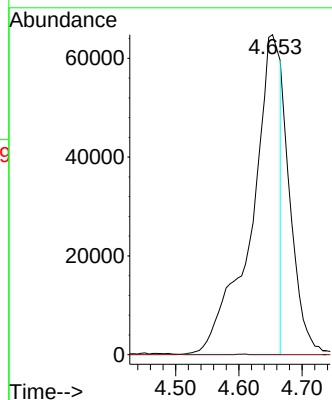
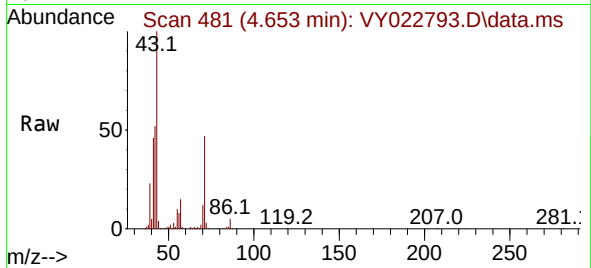




#18
Methyl Acetate
Concen: 90.132 ug/l
RT: 4.653 min Scan# 41
Delta R.T. 0.256 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

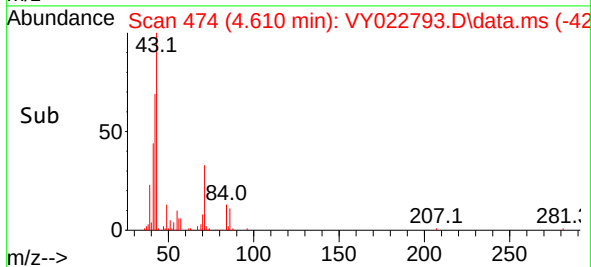
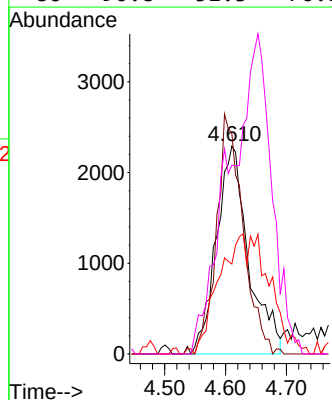
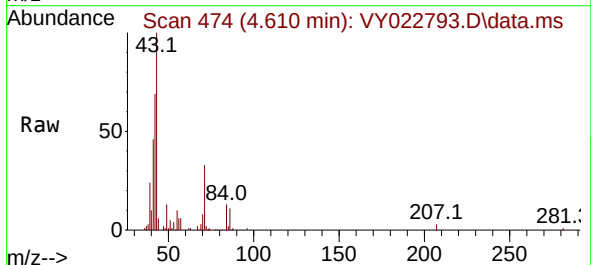
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

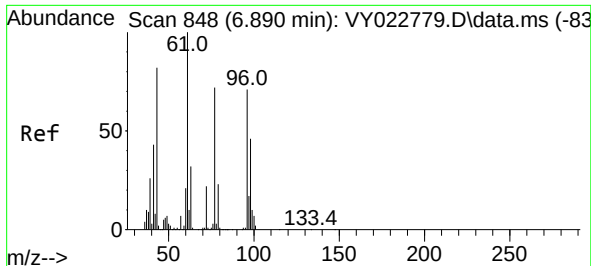
Tgt Ion: 43 Resp: 204758
Ion Ratio Lower Upper
43 100
74 0.0 19.8 29.6#



#20
Methylene Chloride
Concen: 1.944 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 84 Resp: 8420
Ion Ratio Lower Upper
84 100
49 106.0 101.9 152.9
51 43.3 29.8 44.8
86 90.8 51.3 76.9#

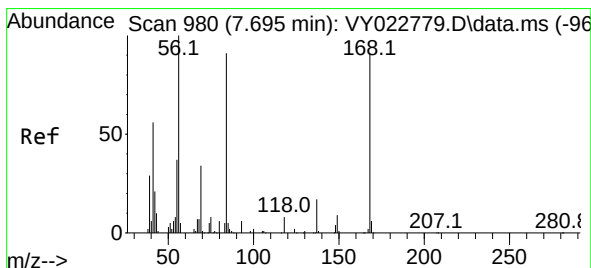
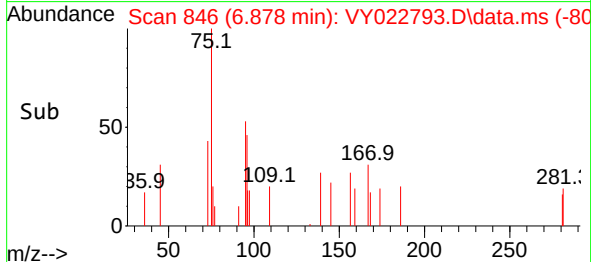
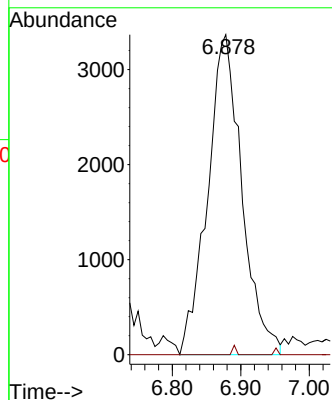
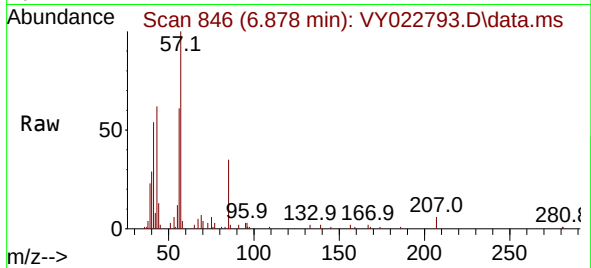




#25
2-Butanone
Concen: 11.723 ug/l
RT: 6.878 min Scan# 84
Delta R.T. -0.024 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

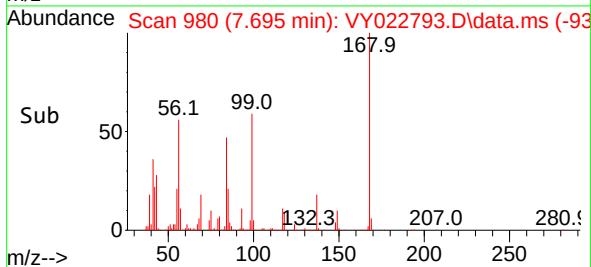
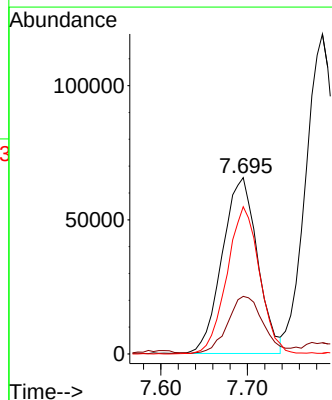
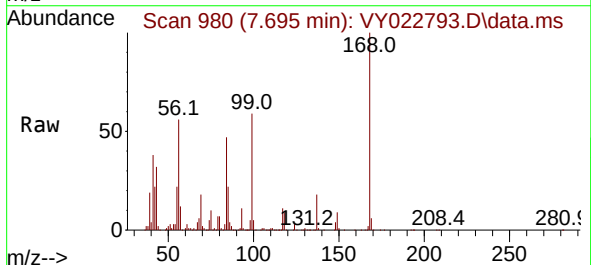
Instrument :
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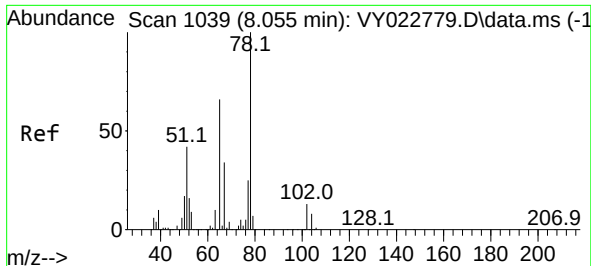
Tgt Ion: 43 Resp: 11704
Ion Ratio Lower Upper
43 100
72 0.0 22.9 34.3#



#31
Cyclohexane
Concen: 29.732 ug/l
RT: 7.695 min Scan# 980
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 56 Resp: 185350
Ion Ratio Lower Upper
56 100
69 32.0 27.0 40.6
84 83.5 72.6 109.0

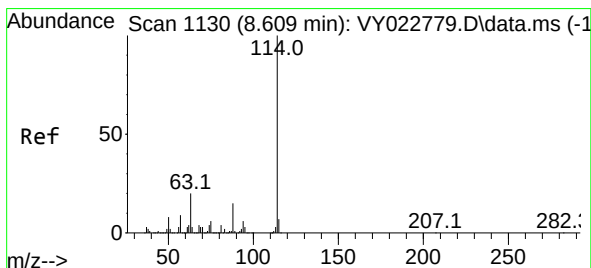
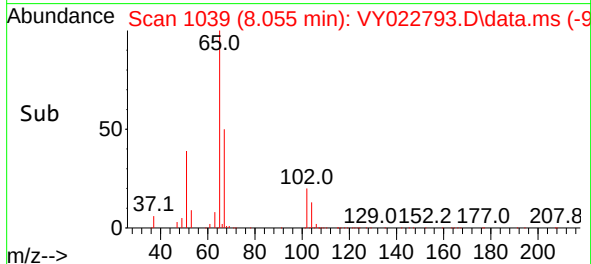
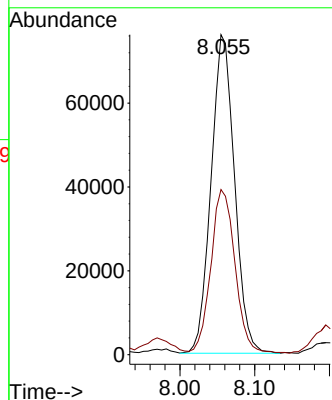
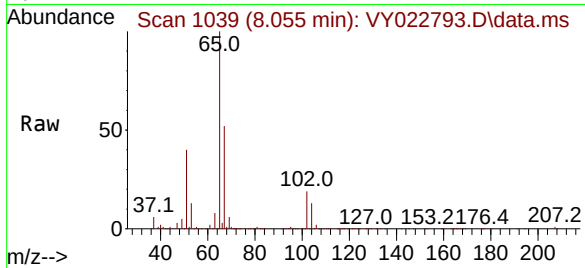




#33
 1,2-Dichloroethane-d4
 Concen: 45.683 ug/l
 RT: 8.055 min Scan# 1039
 Delta R.T. -0.012 min
 Lab File: VY022793.D
 Acq: 24 Jun 2025 13:32

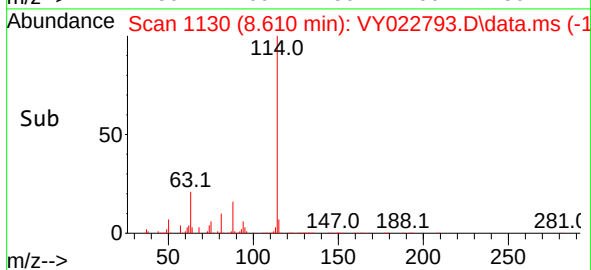
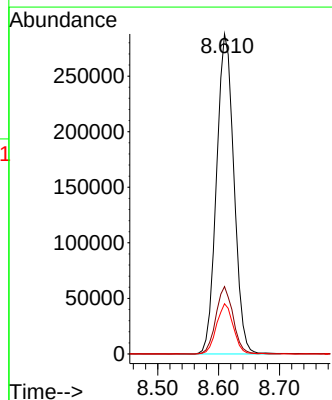
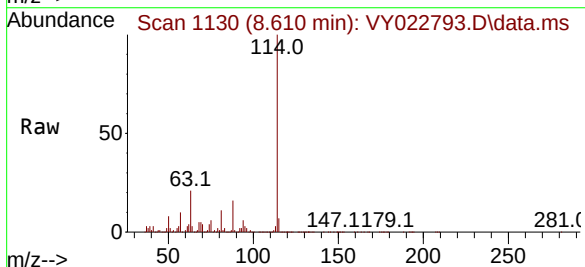
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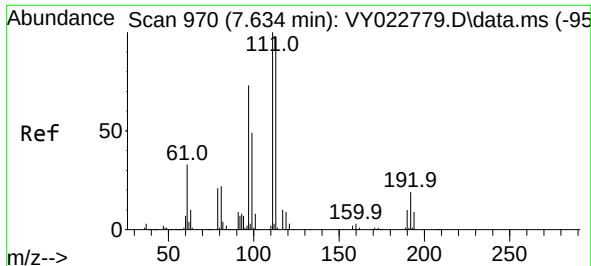
Tgt Ion: 65 Resp: 165802
 Ion Ratio Lower Upper
 65 100
 67 52.8 0.0 103.4



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.610 min Scan# 1130
 Delta R.T. -0.006 min
 Lab File: VY022793.D
 Acq: 24 Jun 2025 13:32

Tgt Ion: 114 Resp: 571084
 Ion Ratio Lower Upper
 114 100
 63 21.0 0.0 40.8
 88 15.7 0.0 27.8

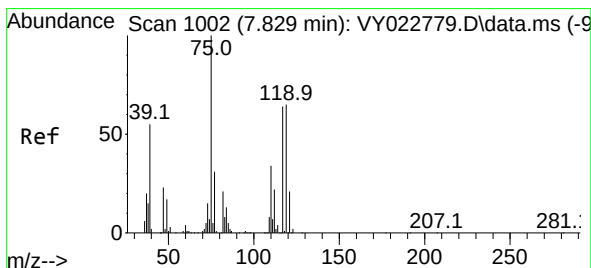
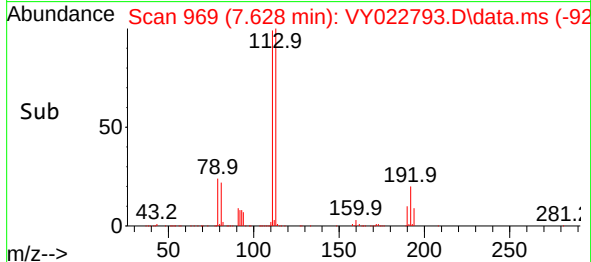
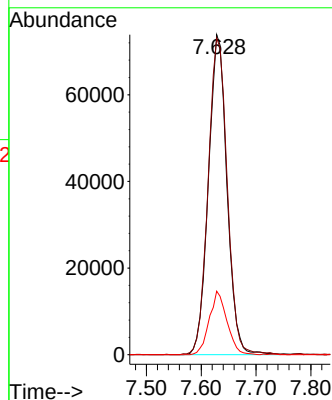
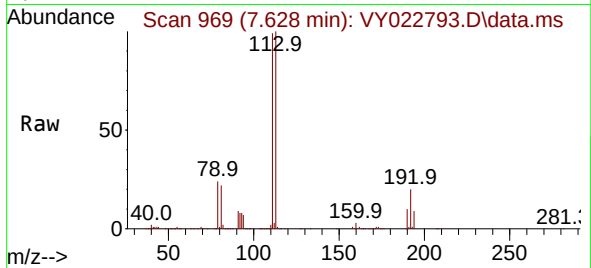




#35
Dibromofluoromethane
Concen: 49.916 ug/l
RT: 7.628 min Scan# 911
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

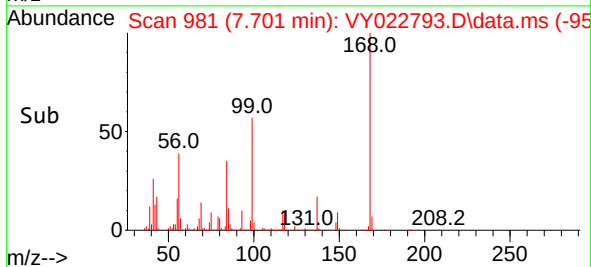
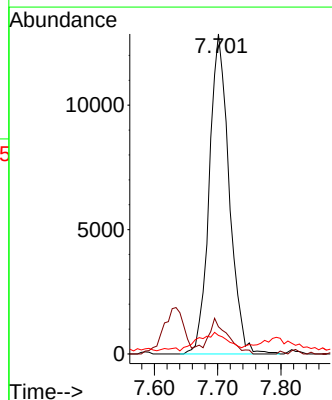
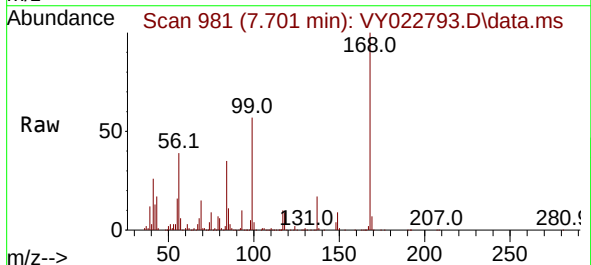
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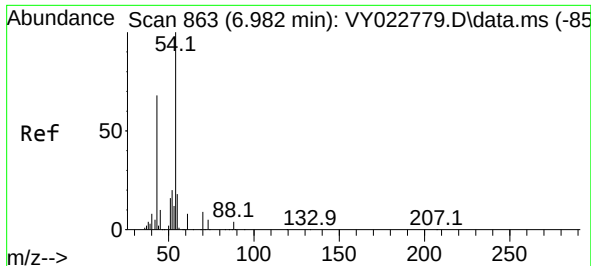
Tgt Ion:113 Resp: 173360
Ion Ratio Lower Upper
113 100
111 102.2 81.1 121.7
192 18.9 14.2 21.2



#36
1,1-Dichloropropene
Concen: 5.342 ug/l
RT: 7.701 min Scan# 981
Delta R.T. -0.140 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 75 Resp: 28123
Ion Ratio Lower Upper
75 100
110 10.8 16.9 50.7#
77 8.5 24.8 37.2#





#37

Ethyl Acetate

Concen: 5.152 ug/l

RT: 6.878 min Scan# 84

Delta R.T. -0.116 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

GCAP1

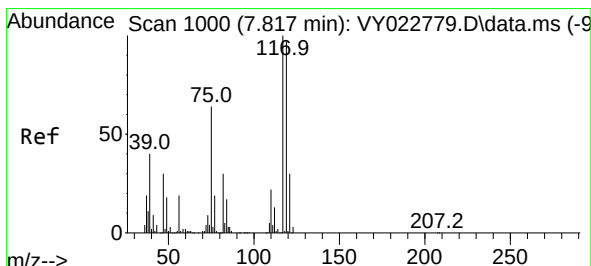
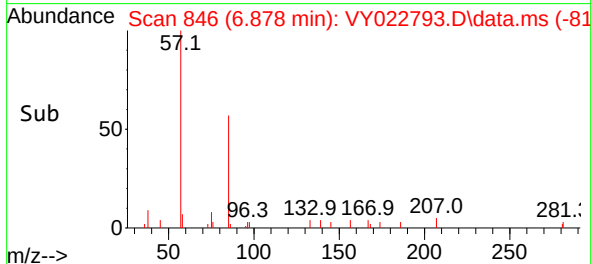
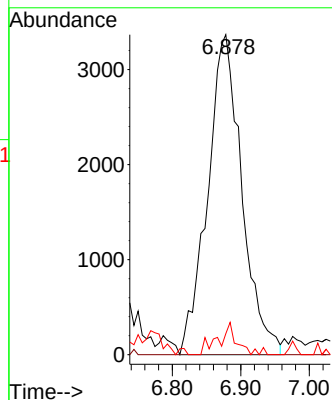
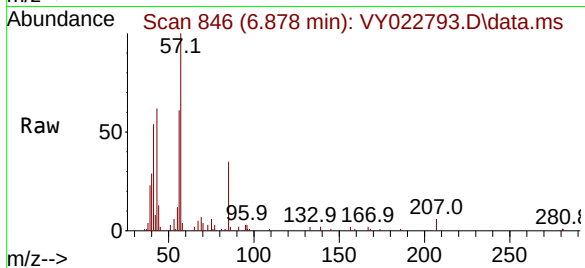
Tgt Ion: 43 Resp: 11704

Ion Ratio Lower Upper

43 100

61 0.0 11.5 17.3#

70 5.1 7.2 10.8#



#38

Carbon Tetrachloride

Concen: 6.177 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

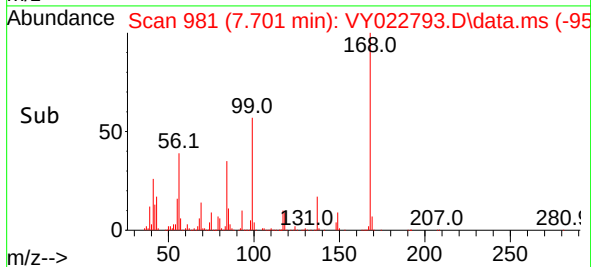
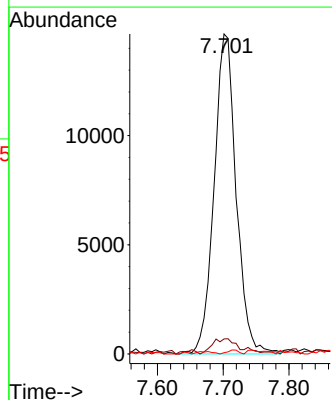
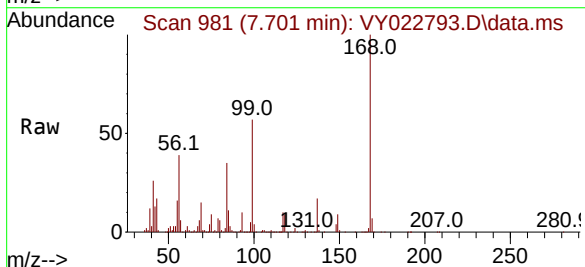
Tgt Ion: 117 Resp: 34311

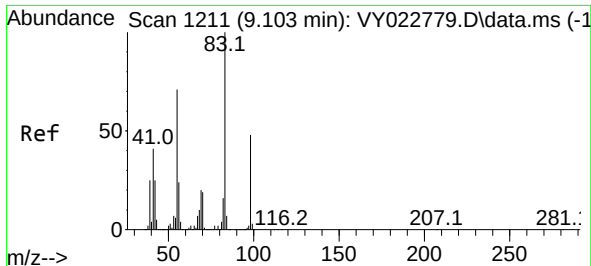
Ion Ratio Lower Upper

117 100

119 4.7 75.0 112.6#

121 0.4 25.0 37.4#





#39

Methylcyclohexane

Concen: 205.343 ug/l

RT: 9.103 min Scan# 1

Delta R.T. -0.012 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

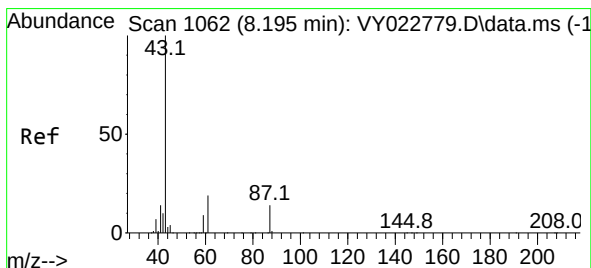
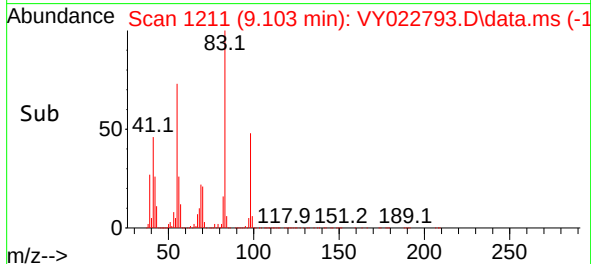
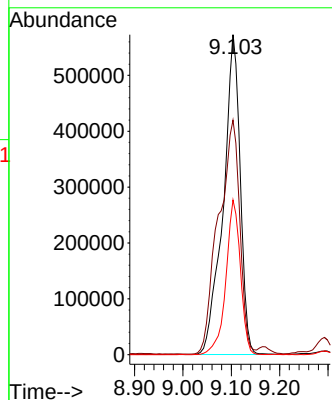
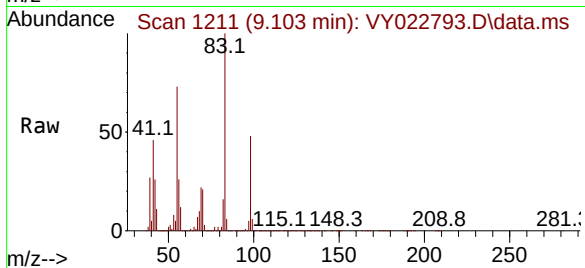
MSVOA_Y

ClientSampleId :

GCAP1

Tgt Ion: 83 Resp: 1398906

Ion	Ratio	Lower	Upper
83	100		
55	73.1	58.1	87.1
98	48.4	39.0	58.6



#43

Isopropyl Acetate

Concen: 31.359 ug/l

RT: 8.183 min Scan# 1060

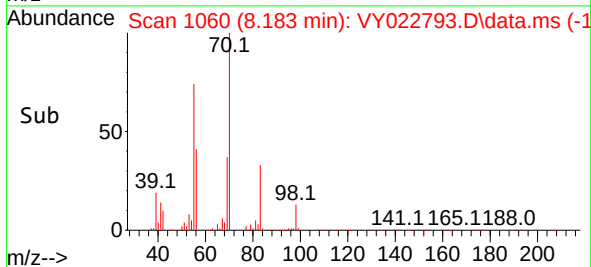
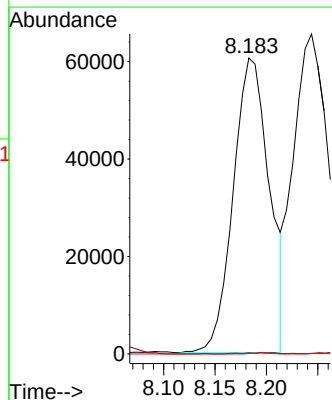
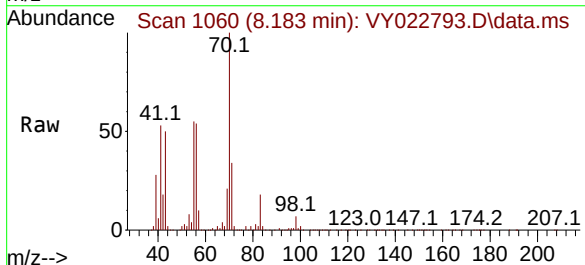
Delta R.T. -0.018 min

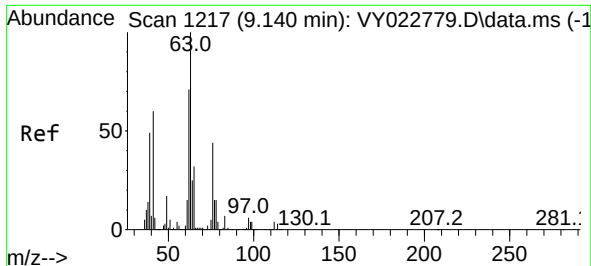
Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Tgt Ion: 43 Resp: 148055

Ion	Ratio	Lower	Upper
43	100		
61	0.4	15.6	23.4#
87	0.2	10.2	15.4#





#45

1,2-Dichloropropane

Concen: 4.299 ug/l

RT: 9.103 min Scan# 11

Delta R.T. -0.043 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

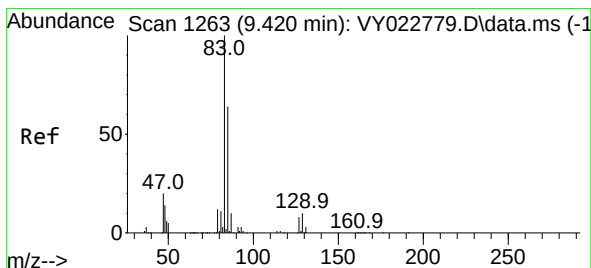
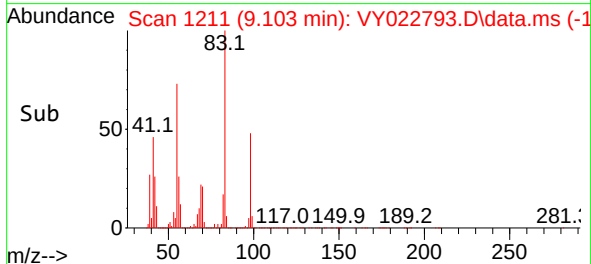
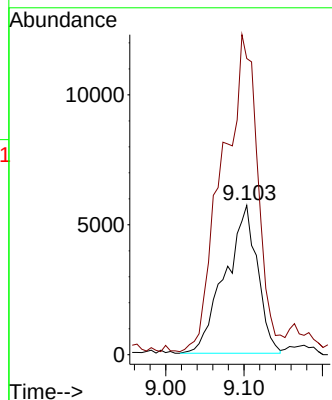
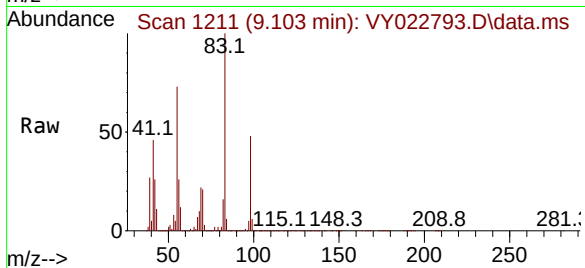
GCAP1

Tgt Ion: 63 Resp: 16284

Ion Ratio Lower Upper

63 100

65 198.2 24.0 36.0#



#47

Bromodichloromethane

Concen: 8.911 ug/l

RT: 9.390 min Scan# 1258

Delta R.T. -0.037 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

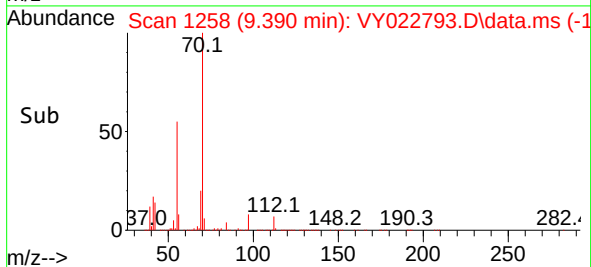
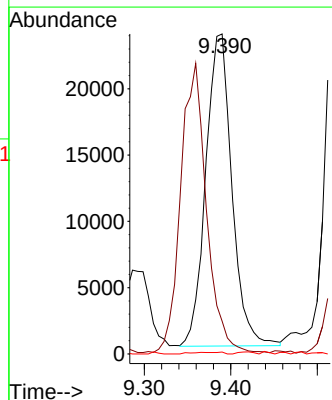
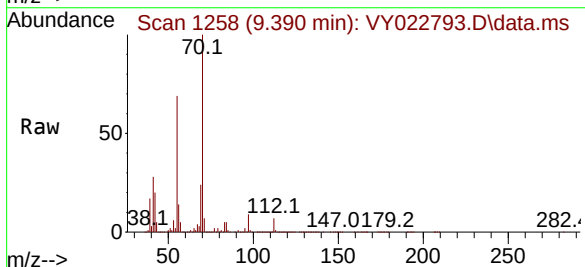
Tgt Ion: 83 Resp: 49413

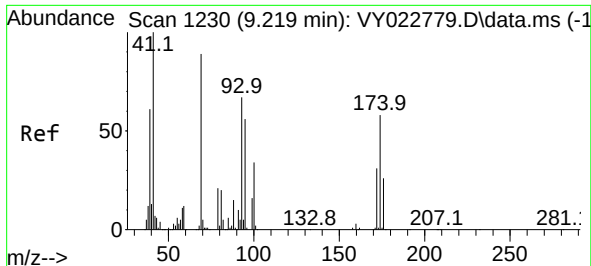
Ion Ratio Lower Upper

83 100

85 9.6 49.1 73.7#

127 0.6 6.2 9.4#

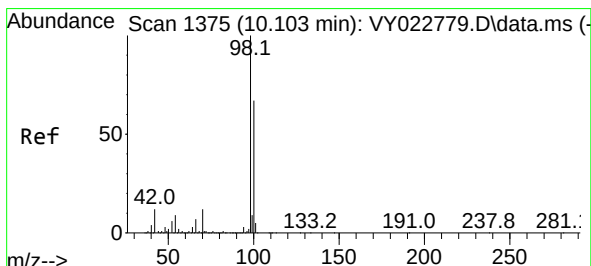
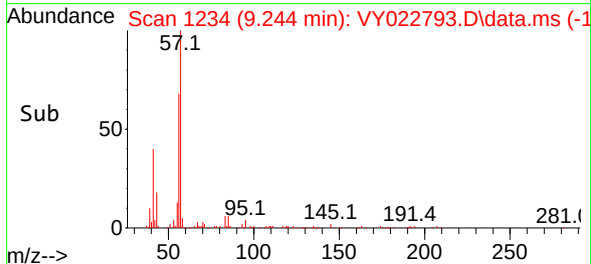
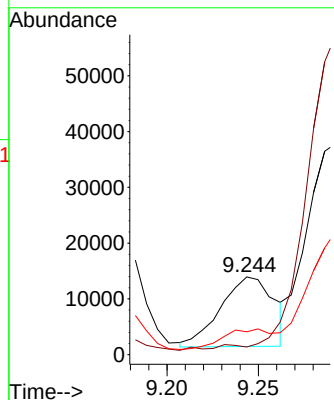
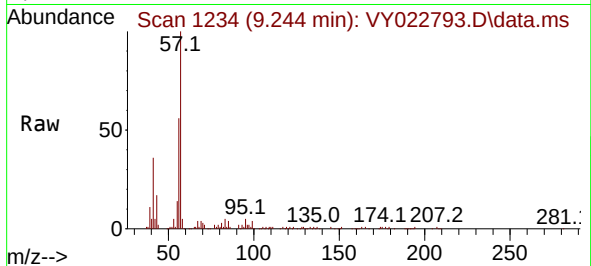




#48
Methyl methacrylate
Concen: 11.162 ug/l
RT: 9.244 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

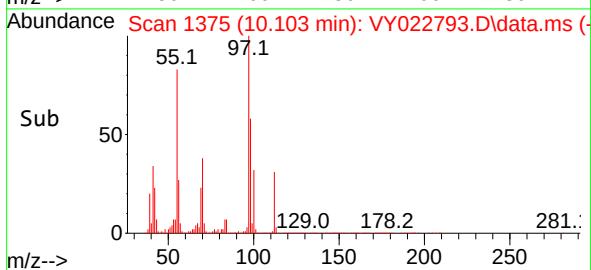
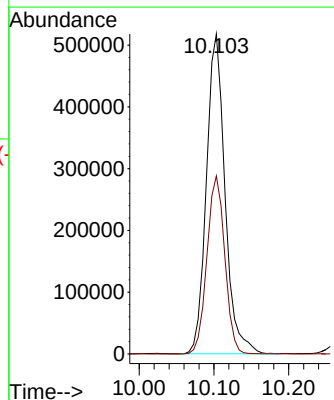
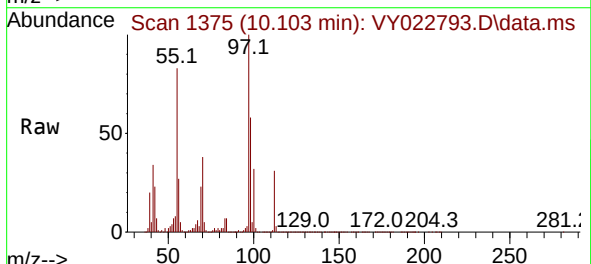
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

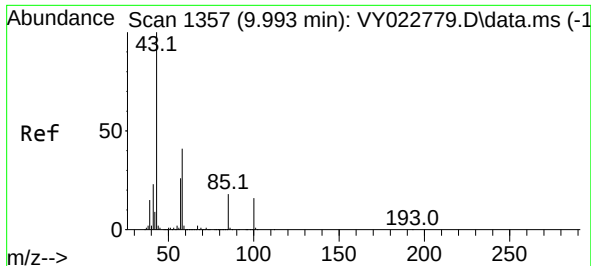
Tgt Ion: 41 Resp: 25334
Ion Ratio Lower Upper
41 100
69 0.0 67.8 101.8#
39 0.0 55.0 82.4#



#50
Toluene-d8
Concen: 65.014 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 98 Resp: 896002
Ion Ratio Lower Upper
98 100
100 53.3 51.4 77.0

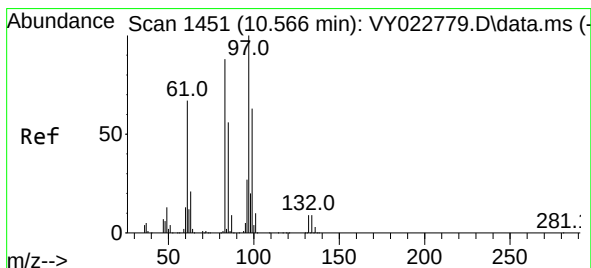
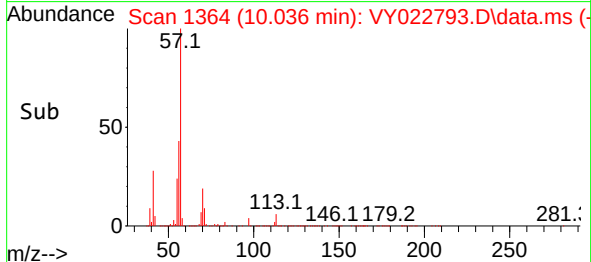
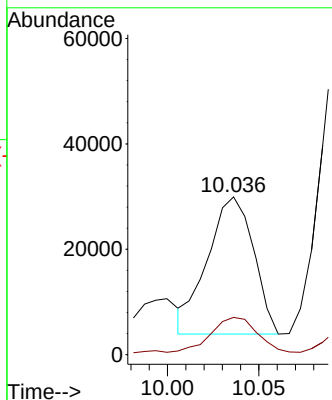
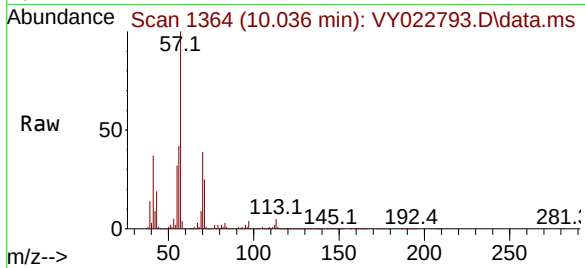




#51
4-Methyl-2-Pentanone
Concen: 18.981 ug/l
RT: 10.036 min Scan# 11
Delta R.T. 0.037 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

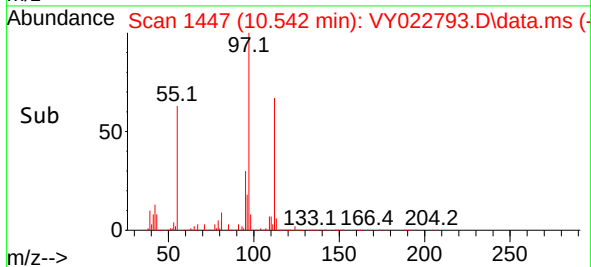
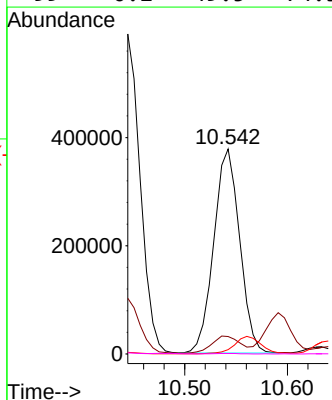
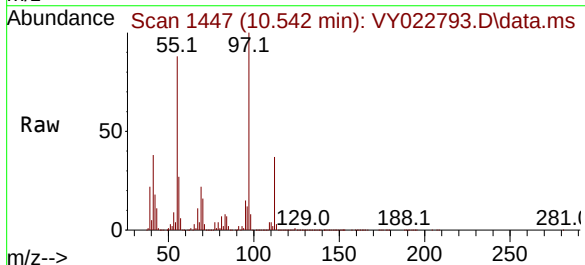
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

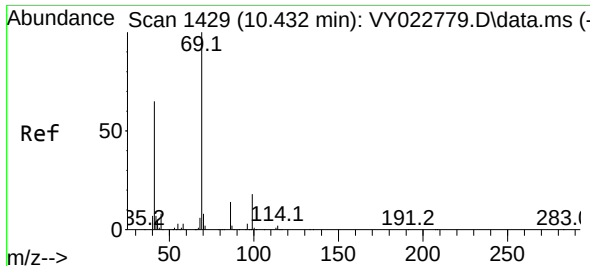
Tgt Ion: 43 Resp: 45540
Ion Ratio Lower Upper
43 100
58 30.7 30.4 45.6



#55
1,1,2-Trichloroethane
Concen: 236.574 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 97 Resp: 658745
Ion Ratio Lower Upper
97 100
83 8.0 68.1 102.1#
85 2.1 48.2 72.2#
99 0.2 49.5 74.3#

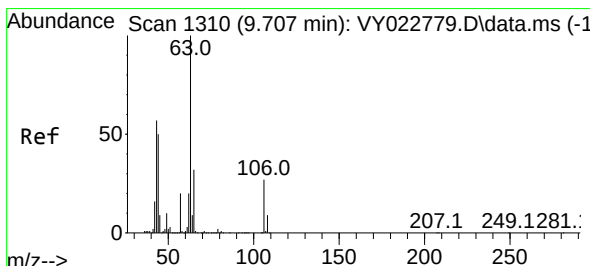
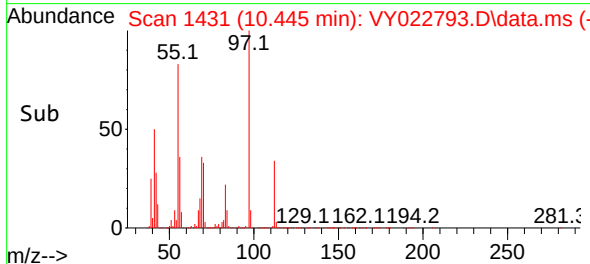
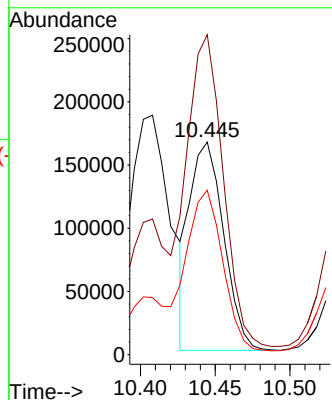
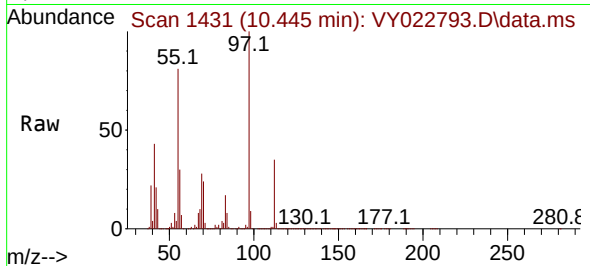




#56
Ethyl methacrylate
Concen: 69.155 ug/l
RT: 10.445 min Scan# 1429
Delta R.T. -0.000 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

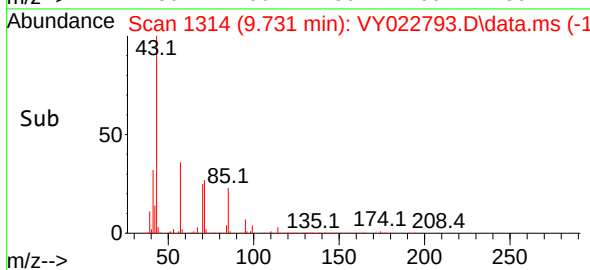
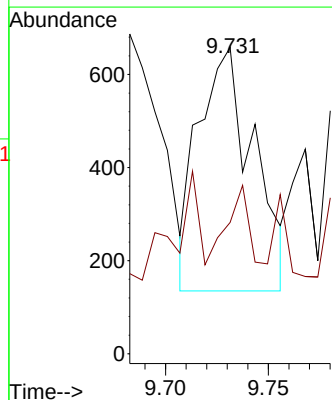
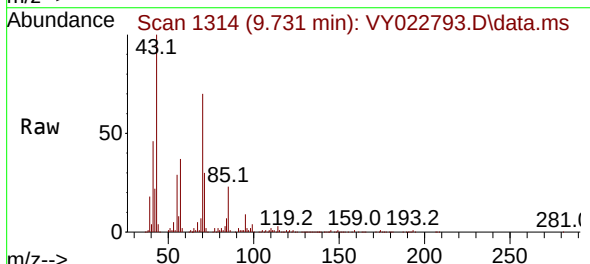
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

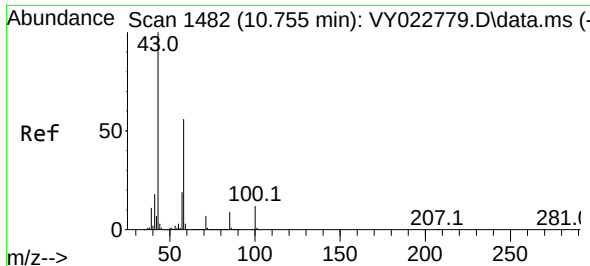
Tgt Ion: 69 Resp: 259072
Ion Ratio Lower Upper
69 100
41 160.8 52.2 78.2#
39 81.7 36.7 55.1#



#58
2-Chloroethyl Vinyl ether
Concen: 16.119 ug/l
RT: 9.731 min Scan# 1314
Delta R.T. 0.018 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 63 Resp: 975
Ion Ratio Lower Upper
63 100
106 10.6 21.6 32.4#

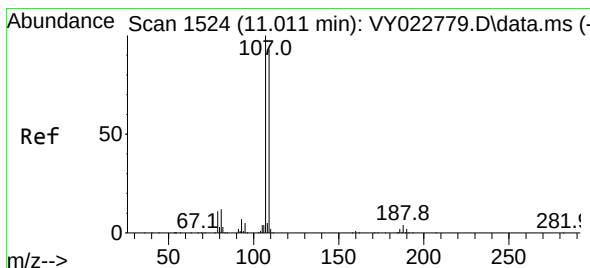
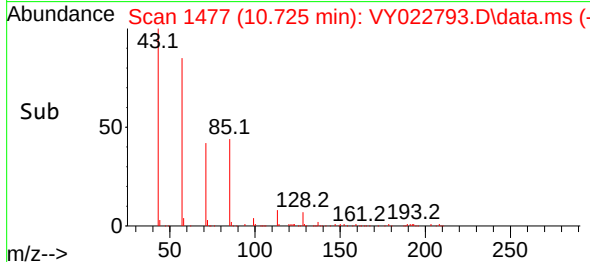
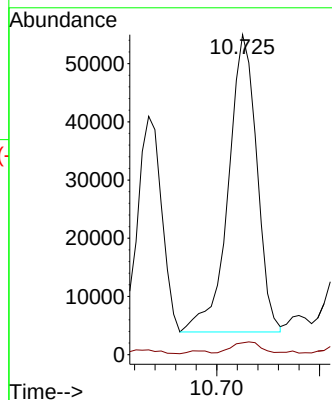
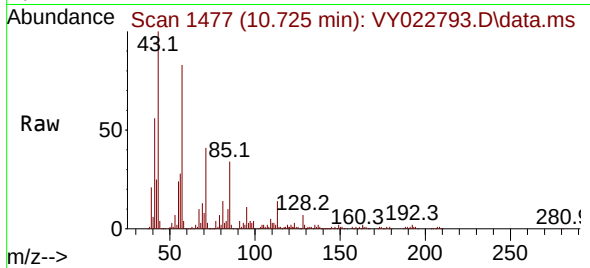




#59
2-Hexanone
Concen: 60.389 ug/l
RT: 10.725 min Scan# 1482
Delta R.T. -0.037 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

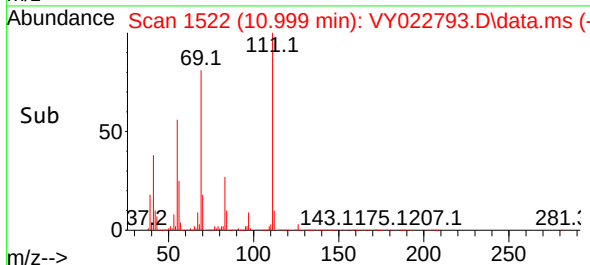
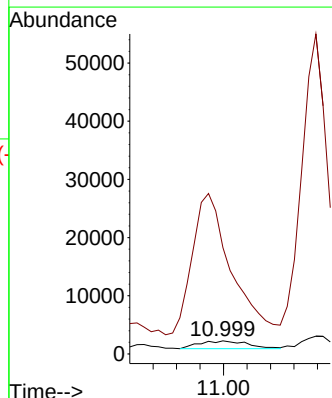
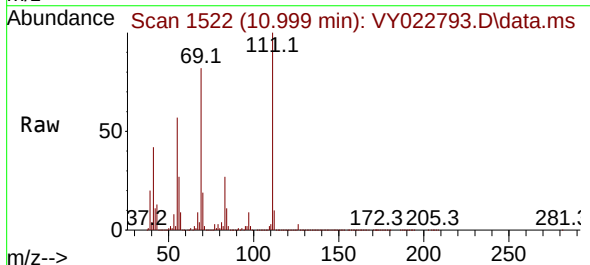
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

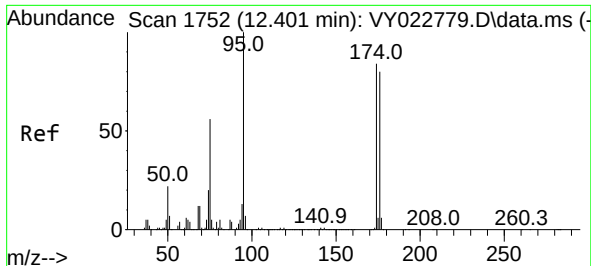
Tgt Ion: 43 Resp: 98506
Ion Ratio Lower Upper
43 100
58 3.7 27.3 81.8#



#61
1,2-Dibromoethane
Concen: 1.487 ug/l
RT: 10.999 min Scan# 1522
Delta R.T. -0.018 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 107 Resp: 3875
Ion Ratio Lower Upper
107 100
109 1438.4 77.7 116.5#

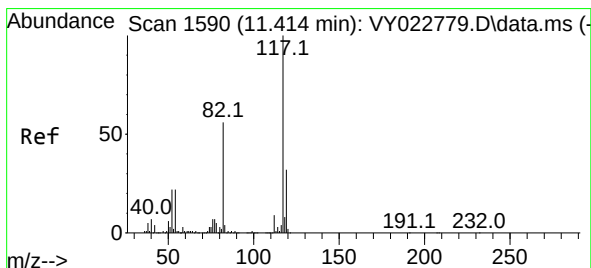
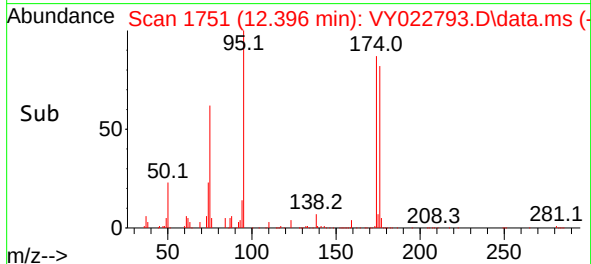
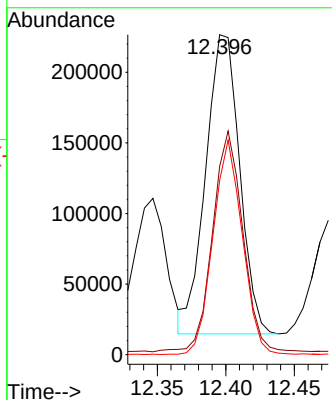
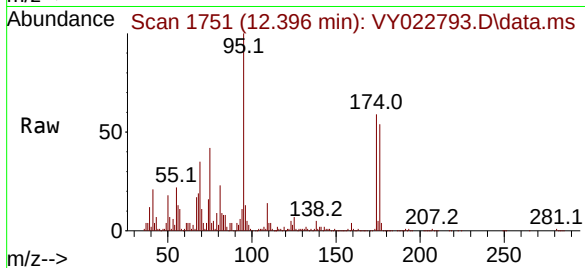




#62
4-Bromofluorobenzene
Concen: 82.462 ug/l
RT: 12.396 min Scan# 1751
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

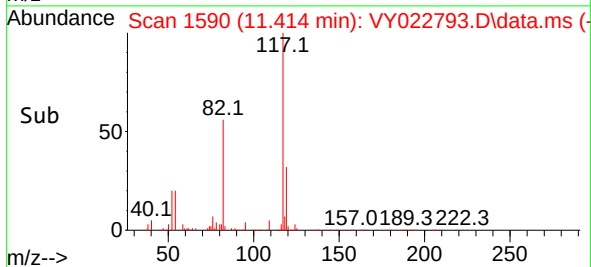
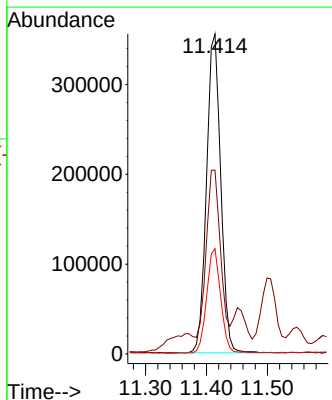
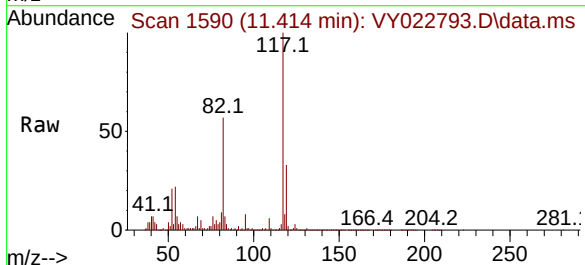
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

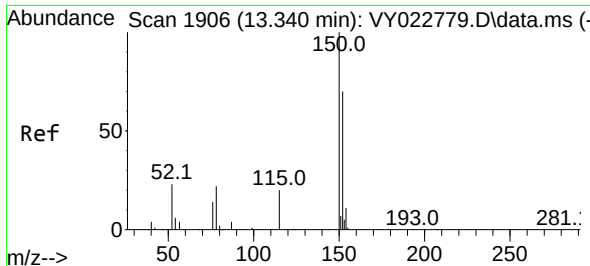
Tgt Ion: 95 Resp: 365336
Ion Ratio Lower Upper
95 100
174 65.7 0.0 170.0
176 61.9 0.0 166.2



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 117 Resp: 576784
Ion Ratio Lower Upper
117 100
82 52.0 44.6 66.8
119 32.6 25.4 38.0

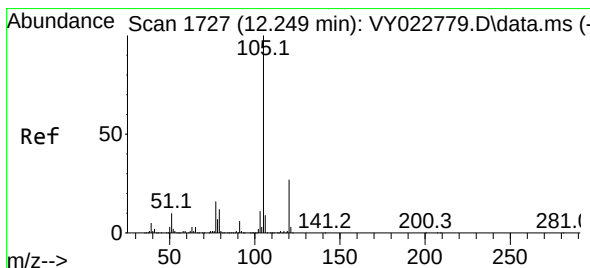
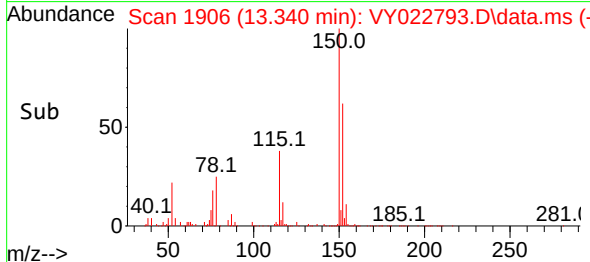
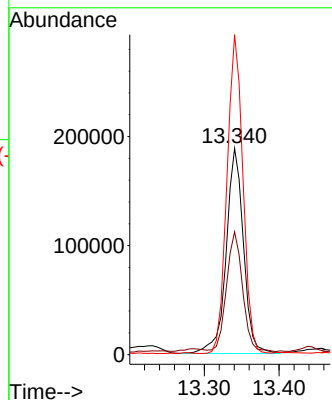
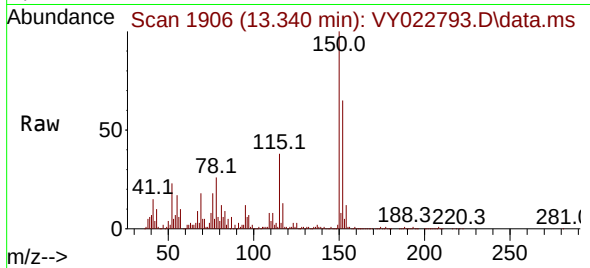




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1906
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

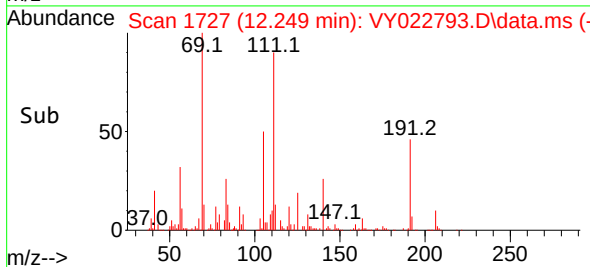
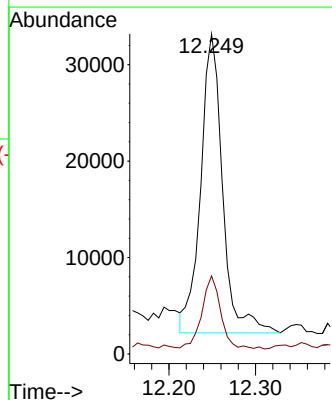
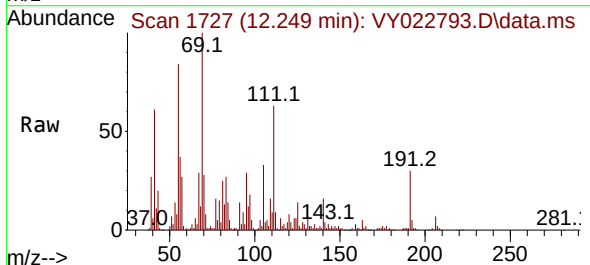
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

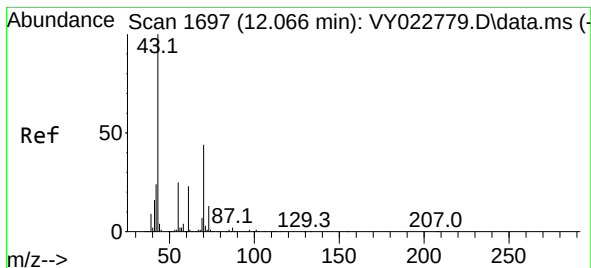
Tgt Ion:152 Resp: 303388
Ion Ratio Lower Upper
152 100
115 55.2 28.9 86.7
150 142.9 0.0 349.6



#73
Isopropylbenzene
Concen: 2.427 ug/l
RT: 12.249 min Scan# 1727
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion:105 Resp: 54463
Ion Ratio Lower Upper
105 100
120 21.1 13.0 38.9





#74

N-amy1 acetate

Concen: 18.114 ug/l

RT: 12.042 min Scan# 1

Delta R.T. -0.030 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

GCAP1

Tgt Ion: 43 Resp: 91231

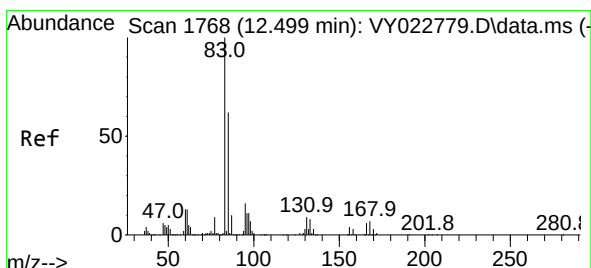
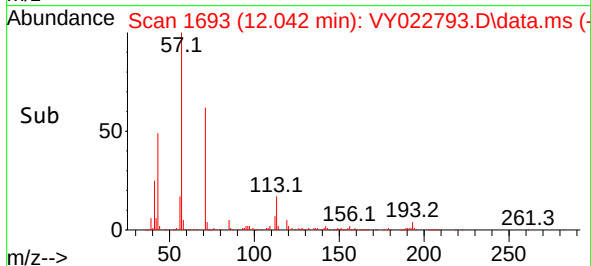
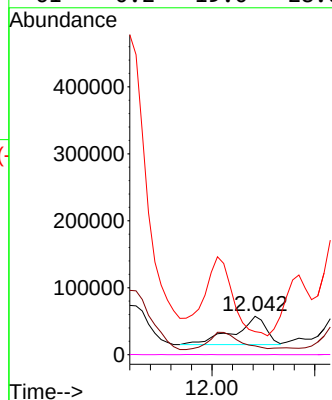
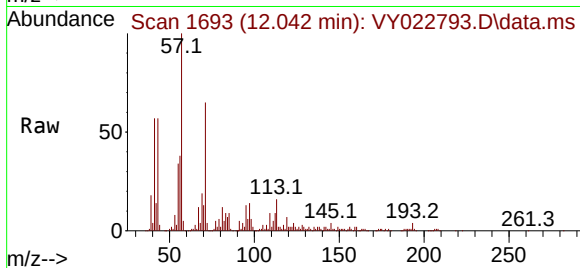
Ion Ratio Lower Upper

43 100

70 0.0 34.2 51.2#

55 0.0 18.2 27.4#

61 0.2 19.0 28.6#



#75

1,1,2,2-Tetrachloroethane

Concen: 20.095 ug/l

RT: 12.469 min Scan# 1763

Delta R.T. -0.037 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

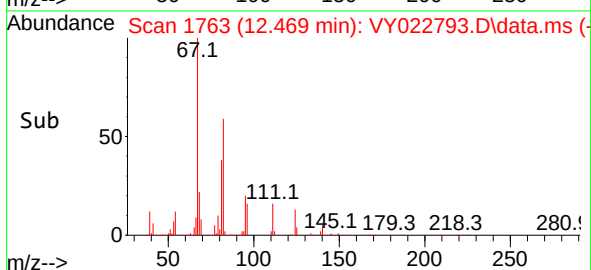
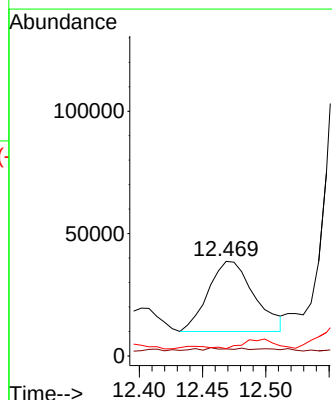
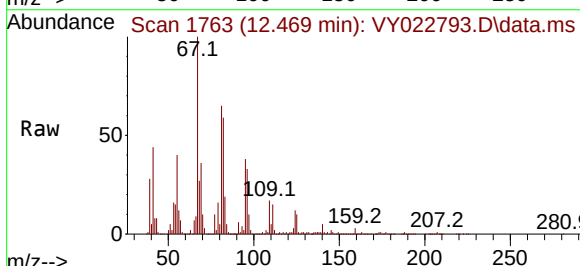
Tgt Ion: 83 Resp: 72668

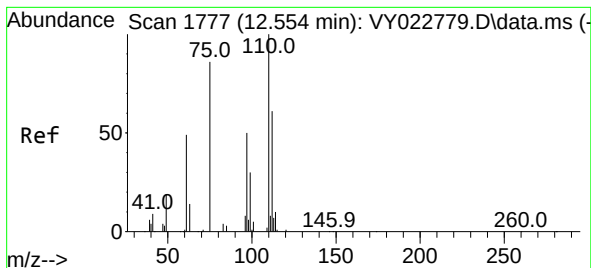
Ion Ratio Lower Upper

83 100

131 0.0 4.9 14.7#

85 0.0 32.6 97.8#





#76

1,2,3-Trichloropropane

Concen: 48.470 ug/l

RT: 12.396 min Scan# 1751

Delta R.T. -0.159 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

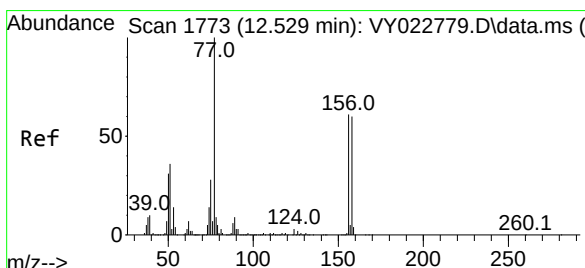
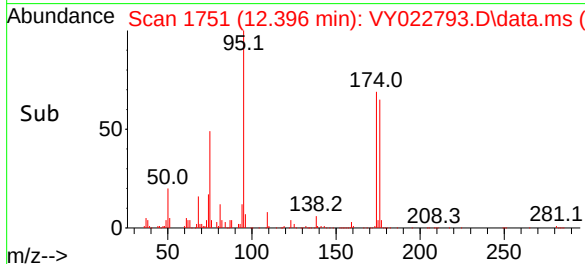
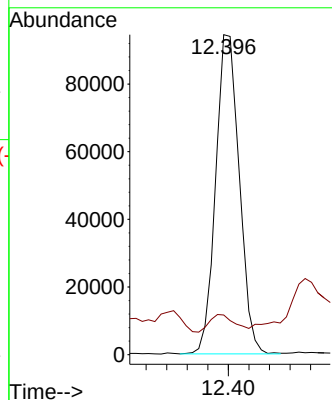
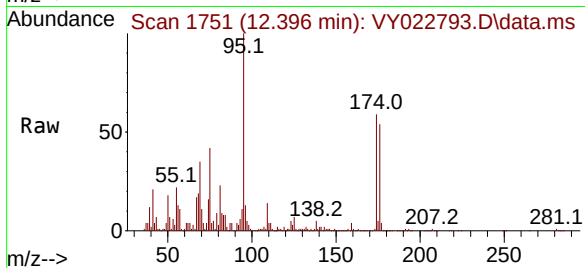
GCAP1

Tgt Ion: 75 Resp: 150128

Ion Ratio Lower Upper

75 100

77 5.9 0.0 0.0#



#77

Bromobenzene

Concen: 9.772 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.030 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

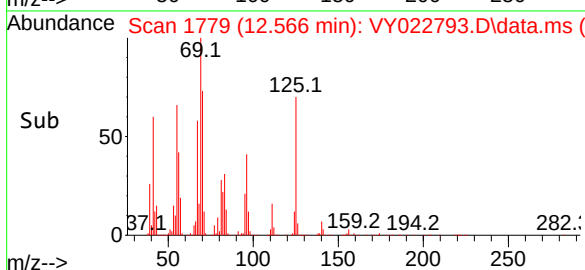
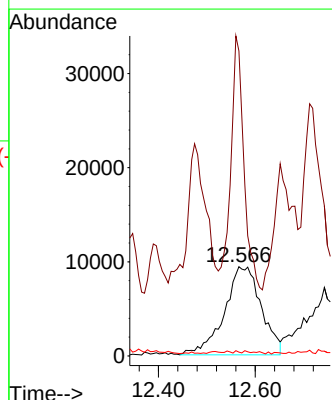
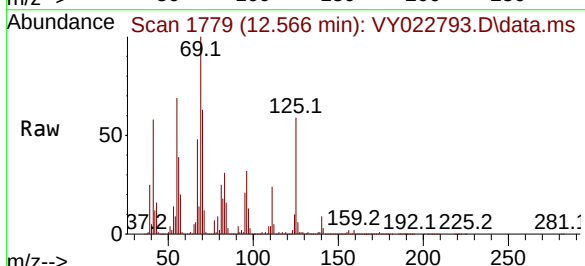
Tgt Ion:156 Resp: 49700

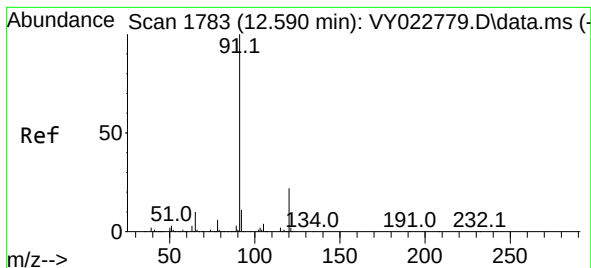
Ion Ratio Lower Upper

156 100

77 102.2 94.0 282.1

158 0.3 48.2 144.6#





#78

n-propylbenzene

Concen: 3.944 ug/l

RT: 12.591 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

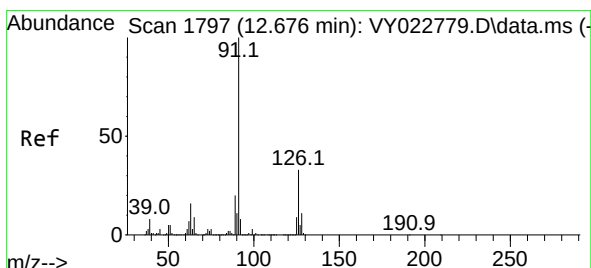
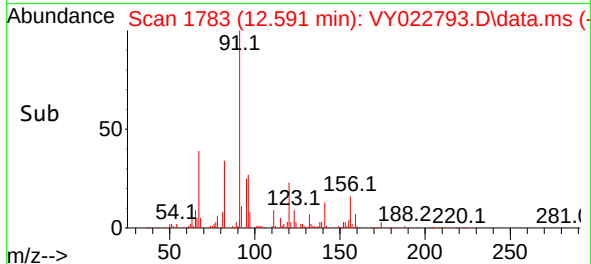
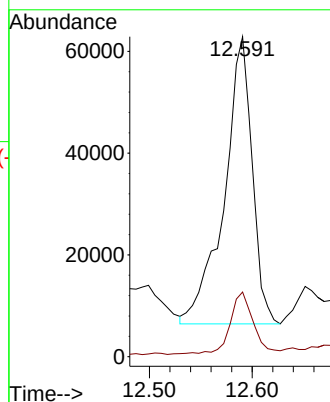
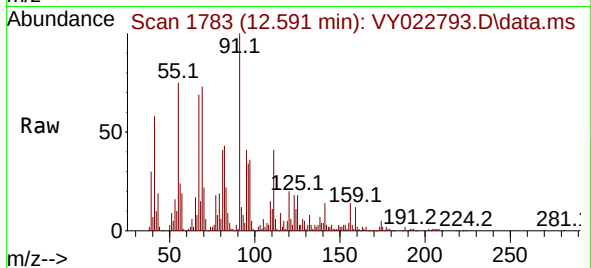
GCAP1

Tgt Ion: 91 Resp: 106853

Ion Ratio Lower Upper

91 100

120 18.4 10.8 32.4



#79

2-Chlorotoluene

Concen: 1.304 ug/l

RT: 12.713 min Scan# 1803

Delta R.T. 0.030 min

Lab File: VY022793.D

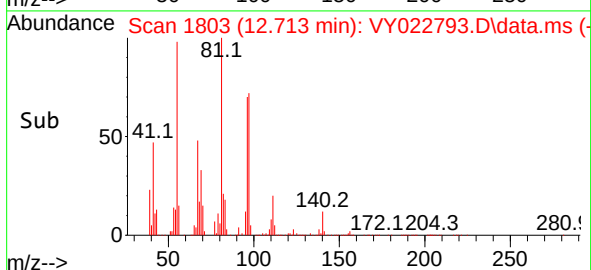
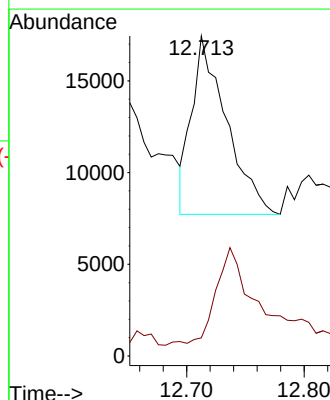
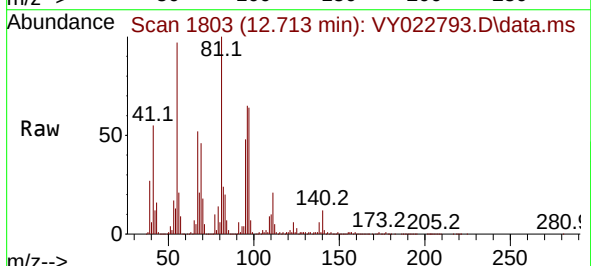
Acq: 24 Jun 2025 13:32

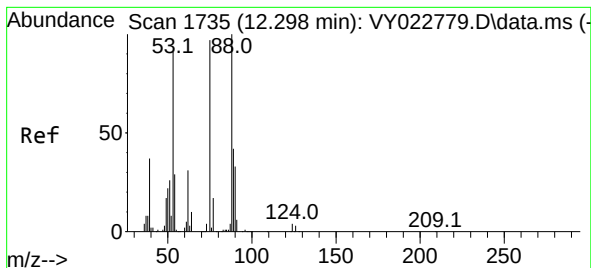
Tgt Ion: 91 Resp: 19951

Ion Ratio Lower Upper

91 100

126 0.0 17.0 51.0#

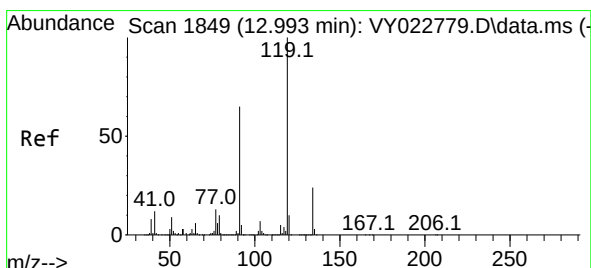
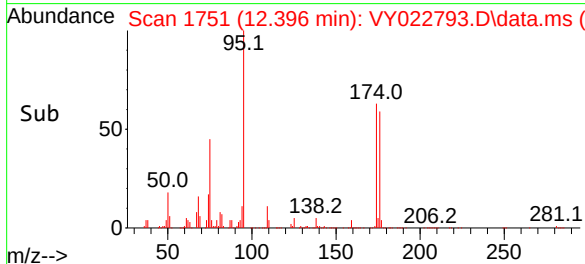
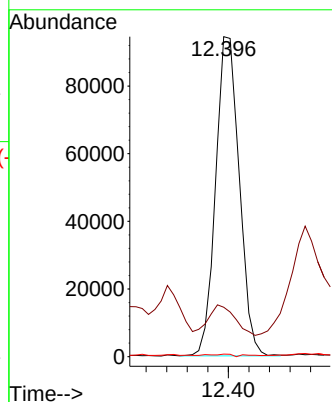
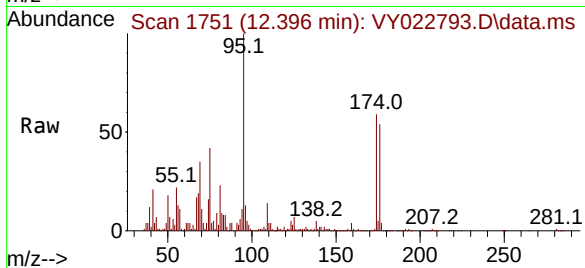




#81
 trans-1,4-Dichloro-2-butene
 Concen: 122.454 ug/l
 RT: 12.396 min Scan# 1751
 Delta R.T. 0.091 min
 Lab File: VY022793.D
 Acq: 24 Jun 2025 13:32

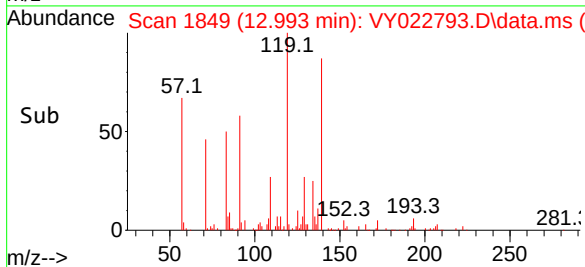
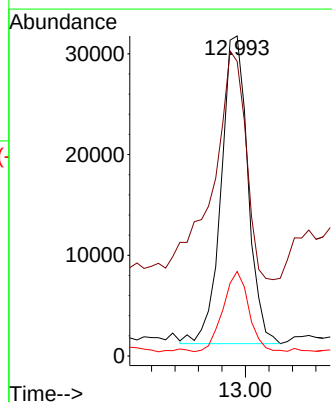
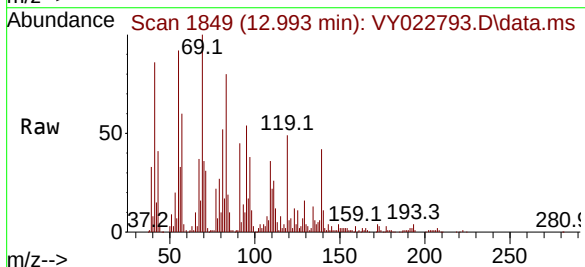
Instrument :
 MSVOA_Y
 ClientSampleId :
 GCAP1

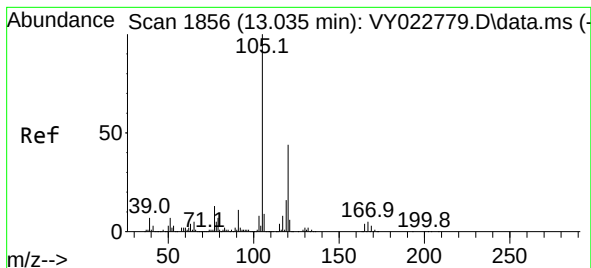
Tgt Ion: 75 Resp: 150128
 Ion Ratio Lower Upper
 75 100
 53 10.6 78.5 117.7#
 89 0.8 35.7 53.5#



#83
 tert-Butylbenzene
 Concen: 3.031 ug/l
 RT: 12.993 min Scan# 1849
 Delta R.T. -0.006 min
 Lab File: VY022793.D
 Acq: 24 Jun 2025 13:32

Tgt Ion: 119 Resp: 48420
 Ion Ratio Lower Upper
 119 100
 91 94.2 32.1 96.3
 134 25.0 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 1.739 ug/l

RT: 12.889 min Scan# 1832

Delta R.T. -0.152 min

Lab File: VY022793.D

Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

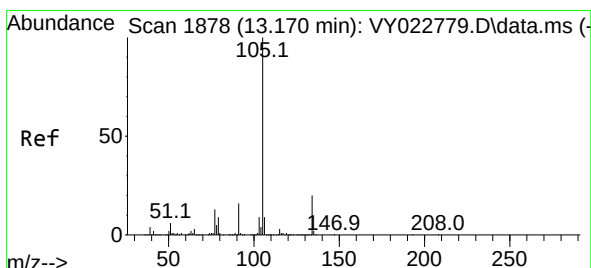
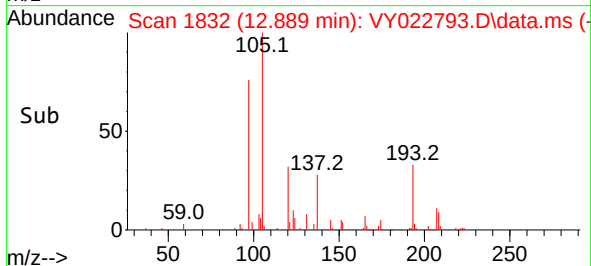
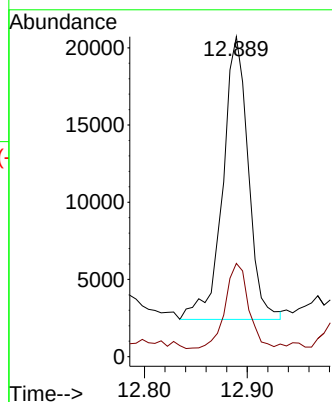
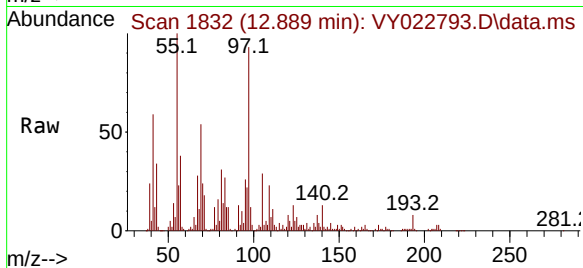
GCAP1

Tgt Ion:105 Resp: 31539

Ion Ratio Lower Upper

105 100

120 27.2 22.7 68.1



#85

sec-Butylbenzene

Concen: 4.035 ug/l

RT: 13.170 min Scan# 1878

Delta R.T. -0.006 min

Lab File: VY022793.D

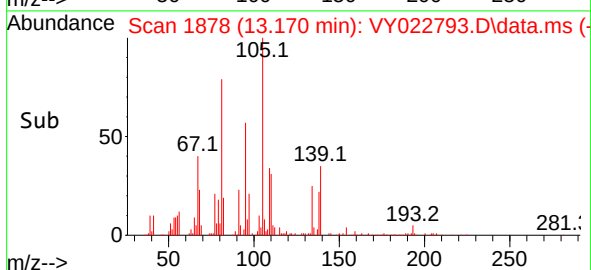
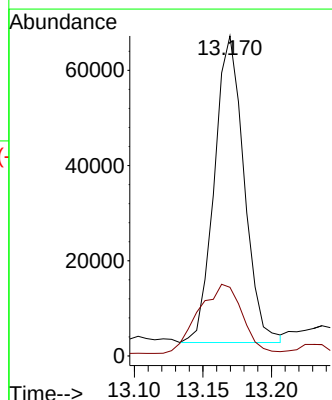
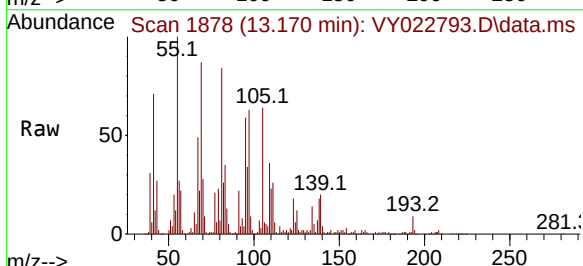
Acq: 24 Jun 2025 13:32

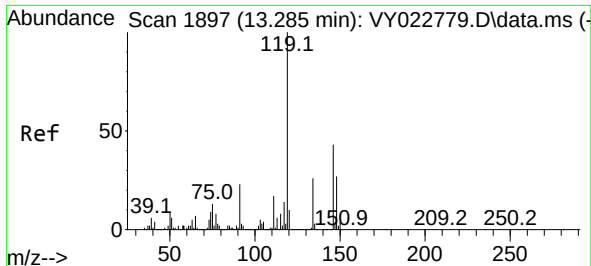
Tgt Ion:105 Resp: 96968

Ion Ratio Lower Upper

105 100

134 33.2 9.7 28.9#

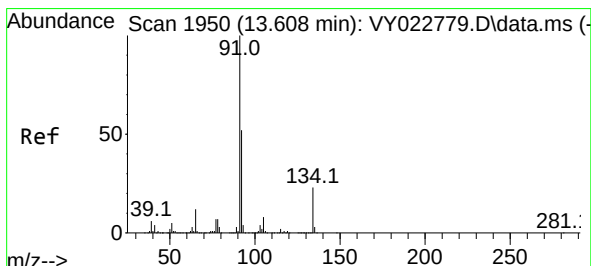
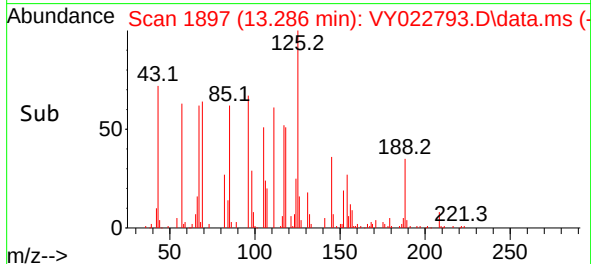
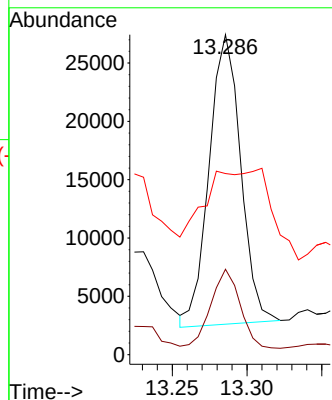
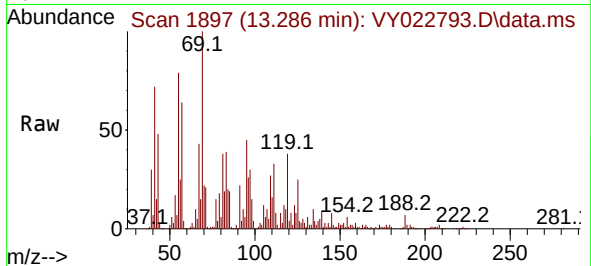




#86
p-Isopropyltoluene
Concen: 1.823 ug/l
RT: 13.286 min Scan# 1897
Delta R.T. -0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

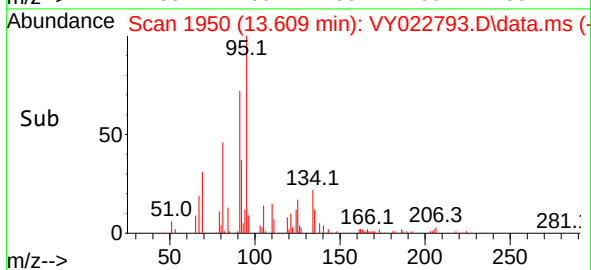
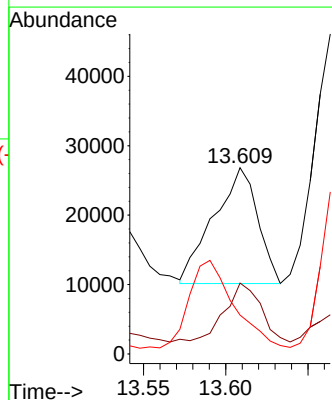
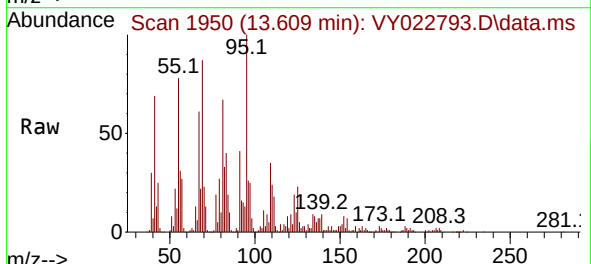
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

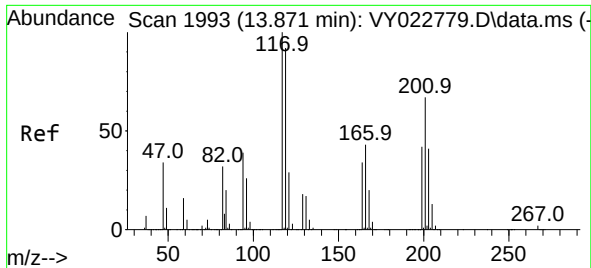
Tgt Ion:119 Resp: 36452
Ion Ratio Lower Upper
119 100
134 25.4 13.1 39.1
91 23.2 11.6 34.8



#89
n-Butylbenzene
Concen: 1.651 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 91 Resp: 31061
Ion Ratio Lower Upper
91 100
92 41.7 25.9 77.8
134 80.1 12.0 36.1#

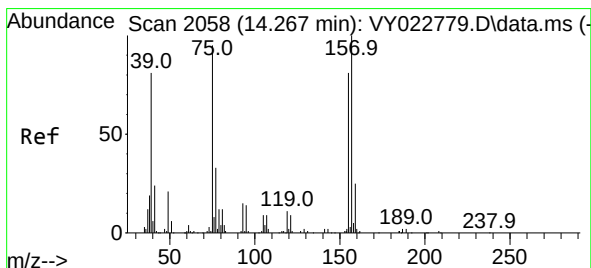
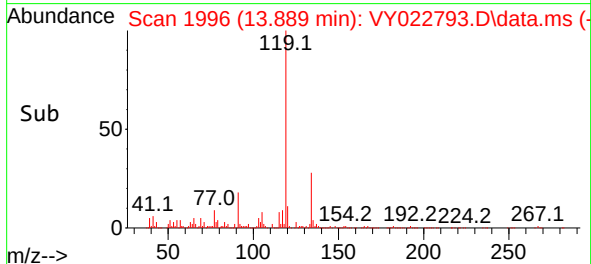
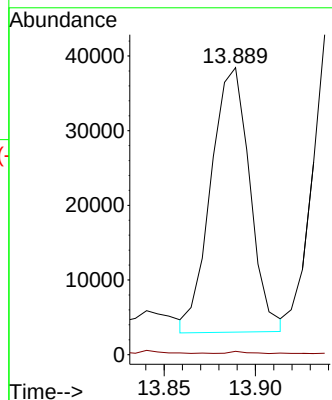
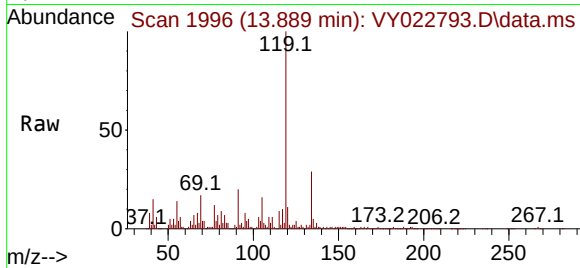




#90
Hexachloroethane
Concen: 13.192 ug/l
RT: 13.889 min Scan# 1996
Delta R.T. 0.006 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

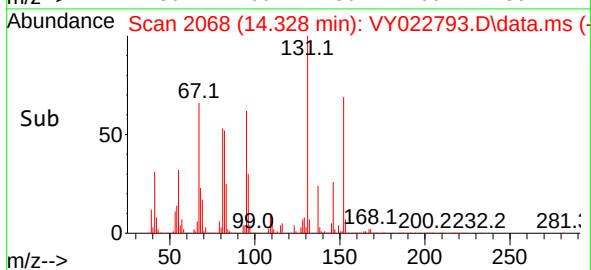
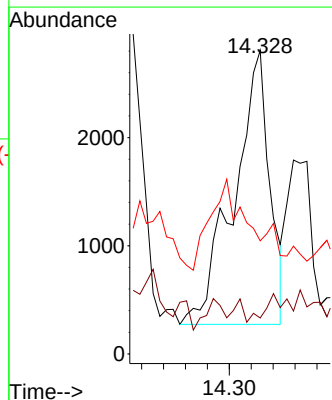
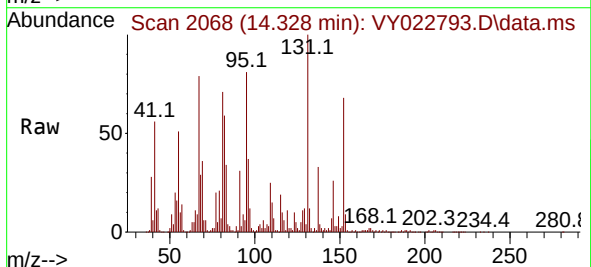
Instrument :
MSVOA_Y
ClientSampleId :
GCAP1

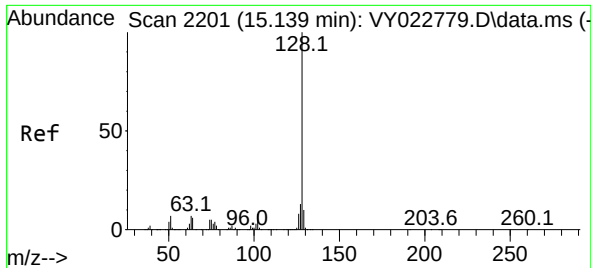
Tgt Ion:117 Resp: 52552
Ion Ratio Lower Upper
117 100
201 0.6 34.0 102.0#



#92
1,2-Dibromo-3-Chloropropane
Concen: 9.321 ug/l
RT: 14.328 min Scan# 2068
Delta R.T. 0.055 min
Lab File: VY022793.D
Acq: 24 Jun 2025 13:32

Tgt Ion: 75 Resp: 5716
Ion Ratio Lower Upper
75 100
155 0.0 39.9 119.6#
157 0.0 54.0 162.0#





#95

Naphthalene

Concen: 3.605 ug/l

RT: 15.102 min Scan# 21

Delta R.T. -0.043 min

Lab File: VY022793.D

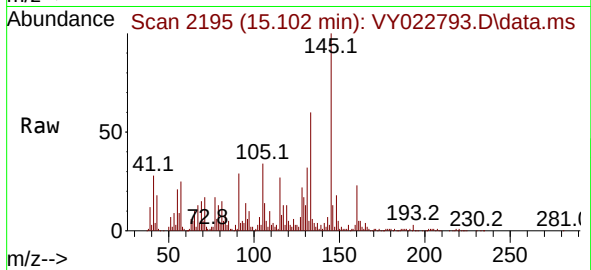
Acq: 24 Jun 2025 13:32

Instrument :

MSVOA_Y

ClientSampleId :

GCAP1



Tgt Ion:128 Resp: 33133

Ion Ratio Lower Upper

128 100

127 34.2 10.4 15.6#

129 70.0 8.9 13.3#

