

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY063025\
 Data File : VY022884.D
 Acq On : 30 Jun 2025 16:49
 Operator : SY/MD
 Sample : Q2447-05
 Misc : 5.26g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Jul 01 03:40:17 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	7.707	168	34801	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.609	114	50778	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	29753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	5738	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	8106	20.869	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	41.740%#
35) Dibromofluoromethane	7.628	113	8835	28.610	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	57.220%
50) Toluene-d8	10.103	98	56043	45.735	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	91.460%
62) 4-Bromofluorobenzene	12.401	95	11343	28.795	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	57.580%

Target Compounds				Qvalue		
3) Chloromethane	2.062	50	904	1.591	ug/l	95
5) Bromomethane	2.610	94	668	1.197	ug/l #	65
13) Acrolein	3.610	56	44	1.256	ug/l #	14
16) Acetone	3.848	43	18312	249.437	ug/l	95
20) Methylene Chloride	4.598	84	714	1.540	ug/l #	72
25) 2-Butanone	6.884	43	181	1.694	ug/l #	46
29) Tetrahydrofuran	7.250	42	74	1.097	ug/l #	31
31) Cyclohexane	7.701	56	1071	1.605	ug/l #	47
36) 1,1-Dichloropropene	7.701	75	3307	7.065	ug/l #	57
38) Carbon Tetrachloride	7.701	117	4027	8.154	ug/l #	18
41) Methacrylonitrile	7.238	41	313	2.517	ug/l #	20
46) Dibromomethane	9.231	93	205	1.072	ug/l #	7
48) Methyl methacrylate	9.189	41	1100	5.451	ug/l #	32
55) 1,1,2-Trichloroethane	10.554	97	397	1.603	ug/l #	24
56) Ethyl methacrylate	10.426	69	439	1.318	ug/l #	20
58) 2-Chloroethyl Vinyl ether	9.749	63	98	16.180	ug/l #	1
59) 2-Hexanone	10.688	43	156	1.076	ug/l	66
61) 1,2-Dibromoethane	10.981	107	361	1.558	ug/l	91
66) 1,1,1,2-Tetrachloroethane	11.530	131	278	1.255	ug/l #	1
67) Ethyl Benzene	11.524	91	1275	1.110	ug/l	93
68) m/p-Xylenes	11.633	106	621	1.399	ug/l #	1
69) o-Xylene	11.938	106	671	1.604	ug/l	82
71) Bromoform	12.133	173	236	1.914	ug/l #	1
73) Isopropylbenzene	12.298	105	726	1.711	ug/l	84
74) N-amyl acetate	12.054	43	738	7.748	ug/l #	66
75) 1,1,2,2-Tetrachloroethane	12.651	83	743	10.864	ug/l	87
76) 1,2,3-Trichloropropane	12.572	75	168	2.868	ug/l #	100
77) Bromobenzene	12.572	156	231	2.402	ug/l	92
78) n-propylbenzene	12.548	91	845	1.649	ug/l	83
79) 2-Chlorotoluene	12.712	91	808	2.791	ug/l	94
80) 1,3,5-Trimethylbenzene	12.773	105	577	1.684	ug/l	82
81) trans-1,4-Dichloro-2-b...	12.401	75	4837	208.606	ug/l #	11
82) 4-Chlorotoluene	12.743	91	503	1.654	ug/l	87
83) tert-Butylbenzene	13.048	119	614	2.032	ug/l	92
84) 1,2,4-Trimethylbenzene	13.042	105	792	2.309	ug/l	87
85) sec-Butylbenzene	13.163	105	1768	3.889	ug/l	79

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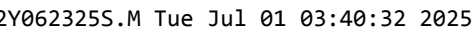
Quant Time: Jul 01 03:40:17 2025
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 Quant Title : SW846 8260
 QLast Update : Tue Jun 24 08:29:52 2025
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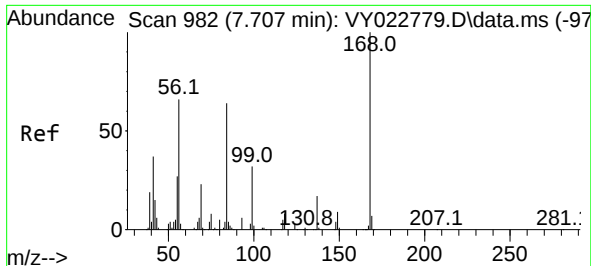
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

86) p-Isopropyltoluene	13.298	119	596	1.576	ug/l #	75
87) 1,3-Dichlorobenzene	13.291	146	365	1.889	ug/l #	50
88) 1,4-Dichlorobenzene	13.365	146	333	1.735	ug/l	66
89) n-Butylbenzene	13.609	91	746	2.097	ug/l	70
90) Hexachloroethane	13.913	117	380	5.044	ug/l	61
91) 1,2-Dichlorobenzene	13.663	146	743	4.364	ug/l #	49
92) 1,2-Dibromo-3-Chloropr...	14.291	75	46	3.966	ug/l #	1
93) 1,2,4-Trichlorobenzene	14.931	180	193	2.008	ug/l #	1
95) Naphthalene	15.145	128	1519	8.739	ug/l #	1
96) 1,2,3-Trichlorobenzene	15.316	180	357	4.298	ug/l #	23

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

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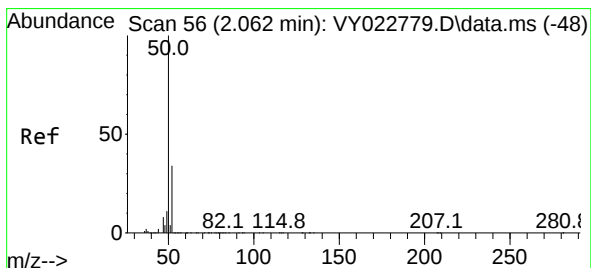
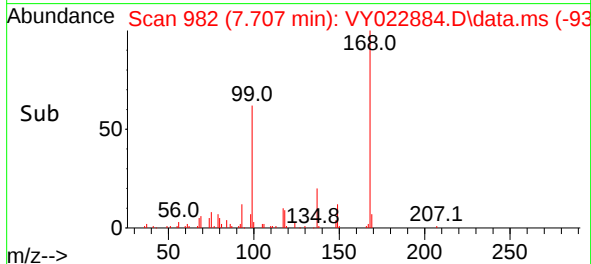
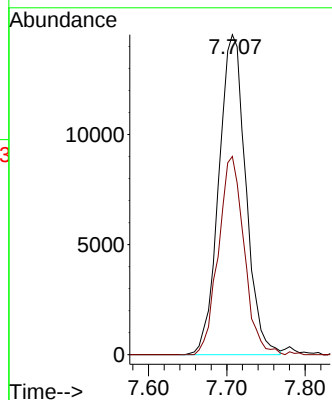
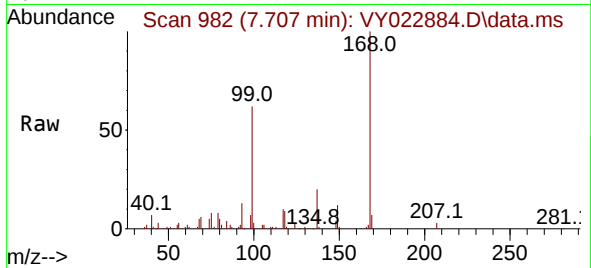




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.707 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

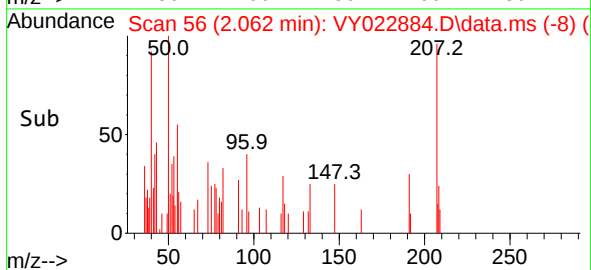
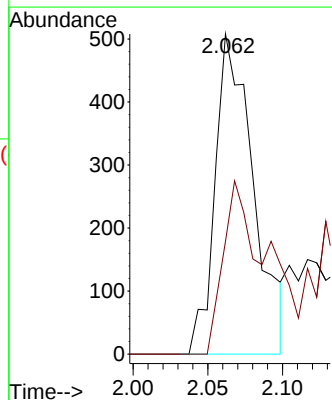
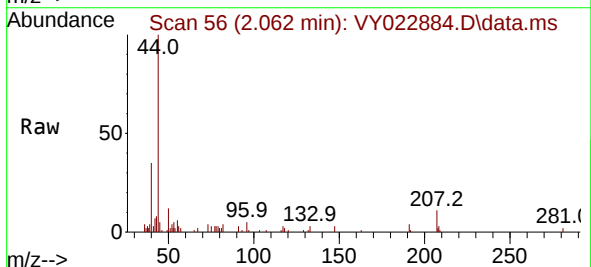
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

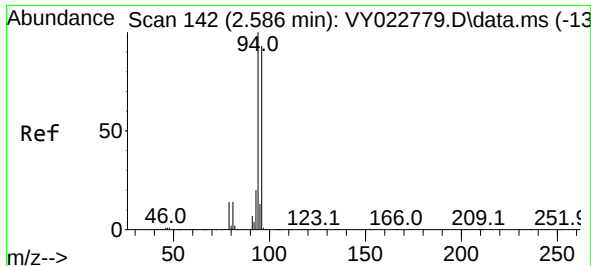
Tgt Ion:168 Resp: 34801
Ion Ratio Lower Upper
168 100
99 61.9 44.3 66.5



#3
Chloromethane
Concen: 1.591 ug/l
RT: 2.062 min Scan# 56
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 50 Resp: 904
Ion Ratio Lower Upper
50 100
52 35.2 26.0 39.0

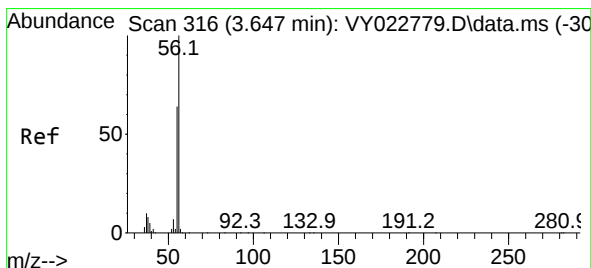
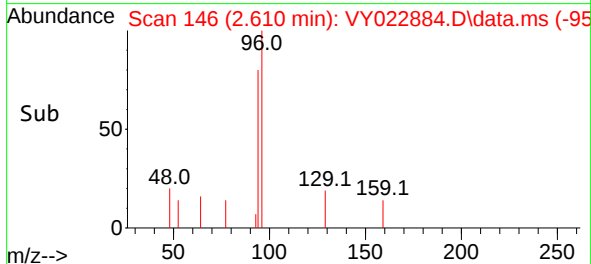
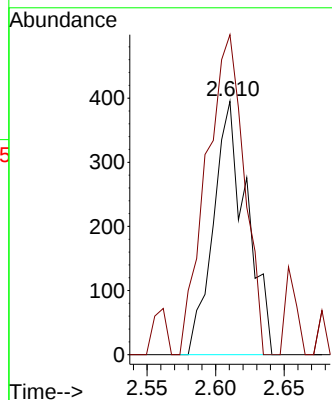
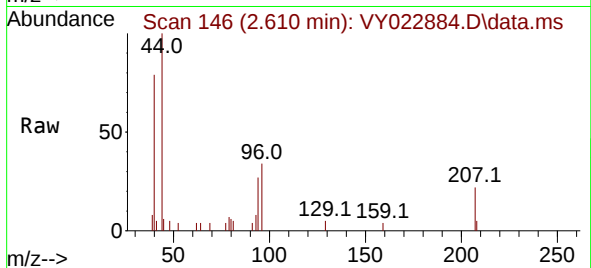




#5
Bromomethane
Concen: 1.197 ug/l
RT: 2.610 min Scan# 14
Delta R.T. 0.012 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

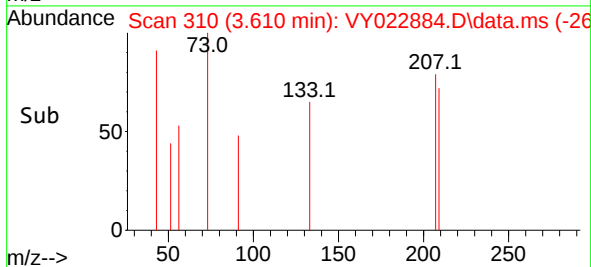
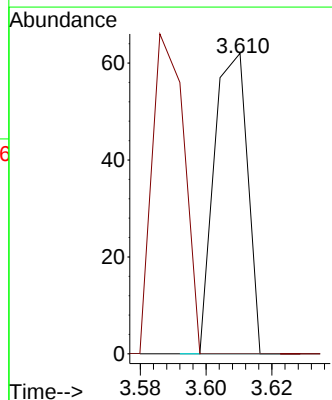
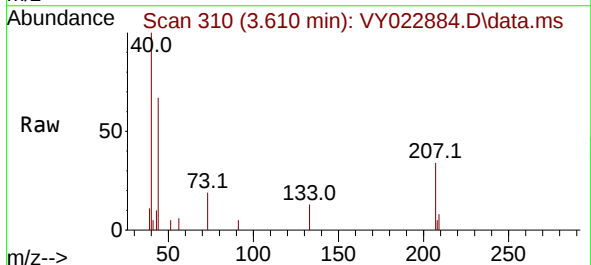
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

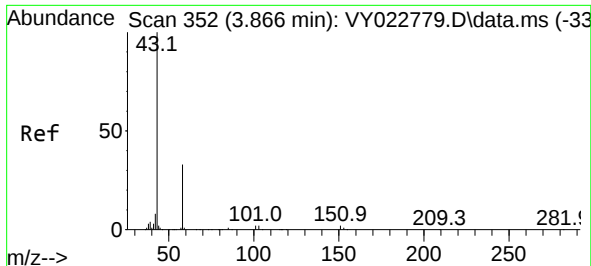
Tgt Ion: 94 Resp: 668
Ion Ratio Lower Upper
94 100
96 126.3 74.0 111.0#



#13
Acrolein
Concen: 1.256 ug/l
RT: 3.610 min Scan# 310
Delta R.T. -0.049 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 56 Resp: 44
Ion Ratio Lower Upper
56 100
55 0.0 57.0 85.6#

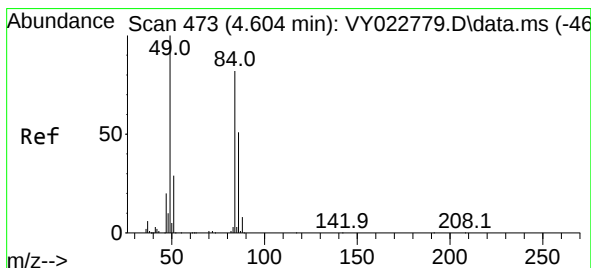
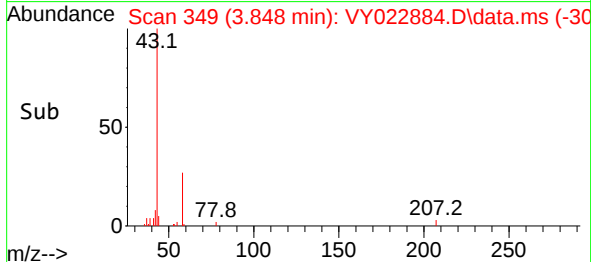
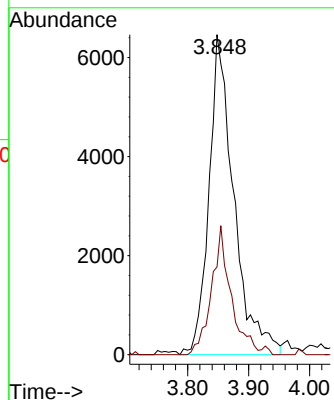
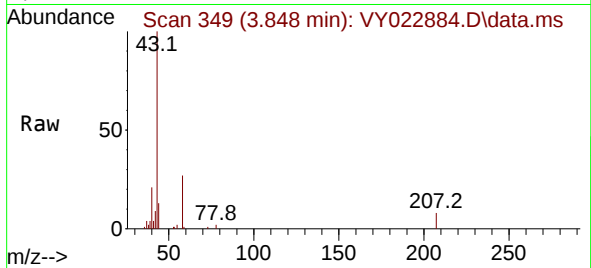




#16
Acetone
Concen: 249.437 ug/l
RT: 3.848 min Scan# 349
Delta R.T. -0.031 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

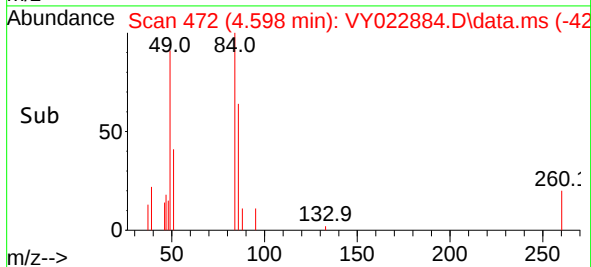
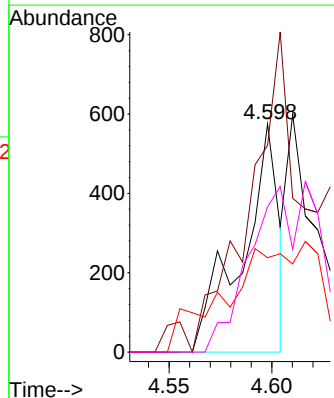
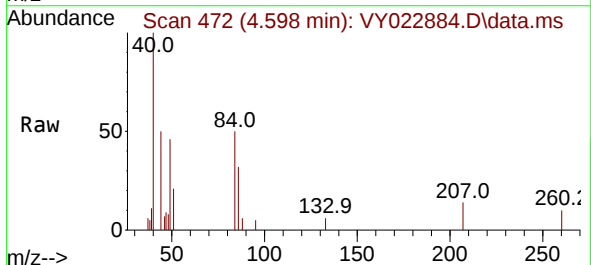
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

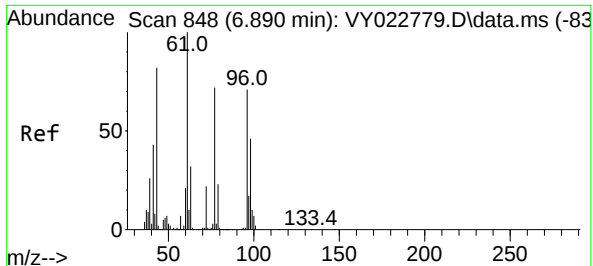
Tgt Ion: 43 Resp: 18312
Ion Ratio Lower Upper
43 100
58 27.4 24.0 36.0



#20
Methylene Chloride
Concen: 1.540 ug/l
RT: 4.598 min Scan# 472
Delta R.T. -0.025 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 84 Resp: 714
Ion Ratio Lower Upper
84 100
49 77.4 101.9 152.9#
51 22.4 29.8 44.8#
86 63.7 51.3 76.9





#25

2-Butanone

Concen: 1.694 ug/l

RT: 6.884 min Scan# 84

Delta R.T. -0.018 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

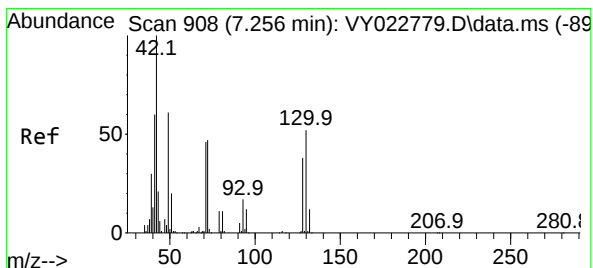
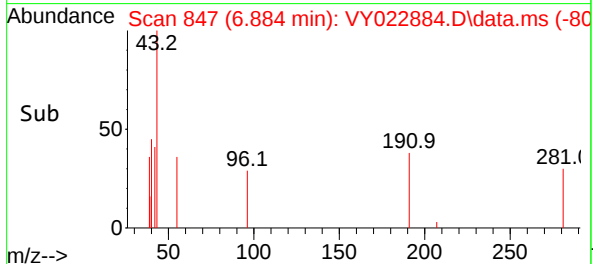
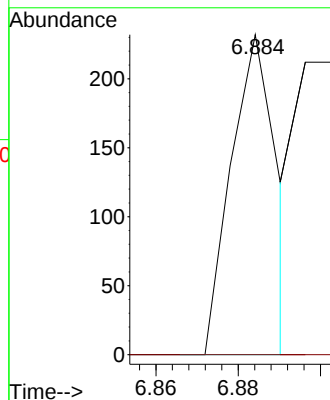
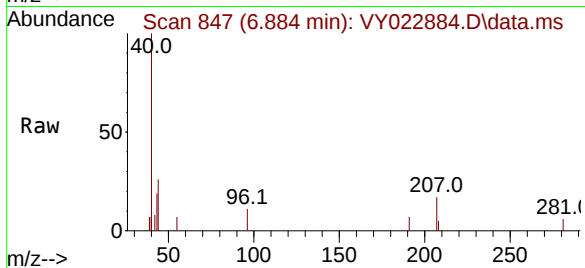
COMP-2

Tgt Ion: 43 Resp: 181

Ion Ratio Lower Upper

43 100

72 0.0 22.9 34.3#



#29

Tetrahydrofuran

Concen: 1.097 ug/l

RT: 7.250 min Scan# 907

Delta R.T. -0.018 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

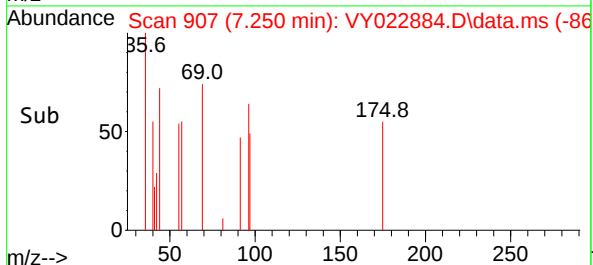
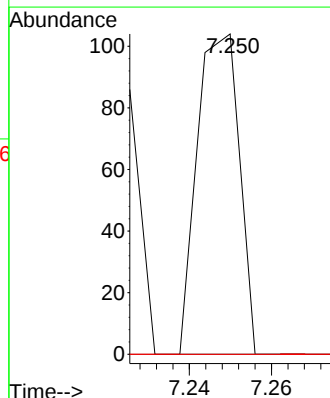
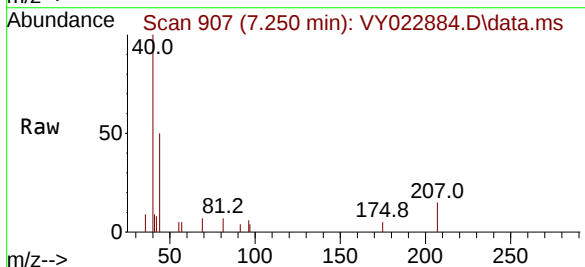
Tgt Ion: 42 Resp: 74

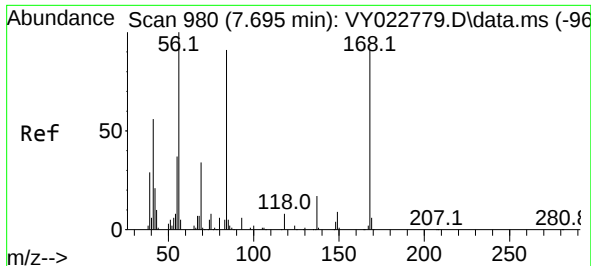
Ion Ratio Lower Upper

42 100

72 0.0 37.4 56.2#

71 0.0 34.2 51.2#

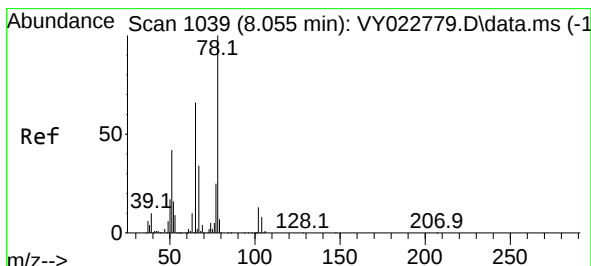
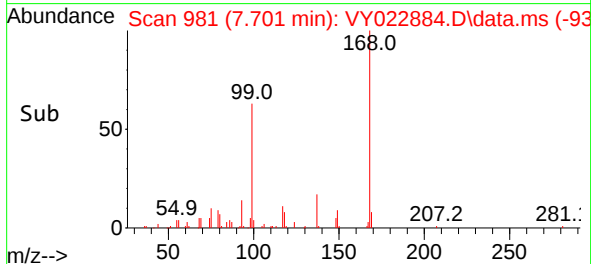
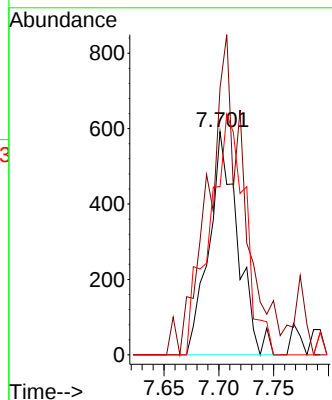
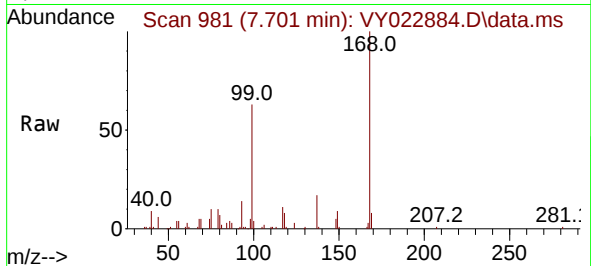




#31
Cyclohexane
Concen: 1.605 ug/l
RT: 7.701 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

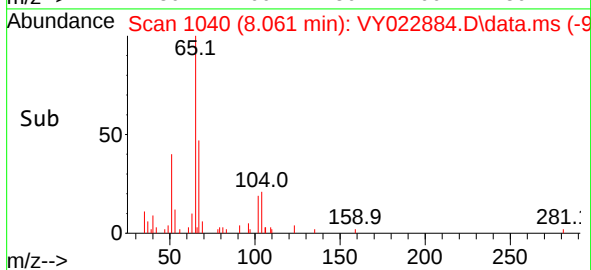
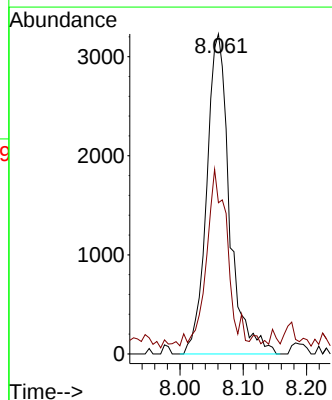
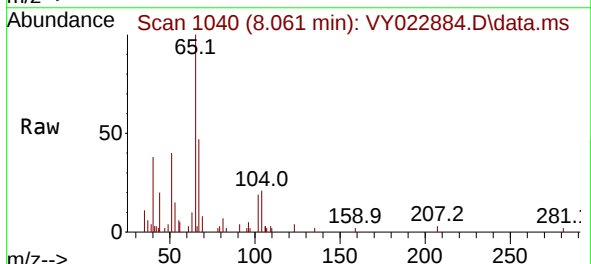
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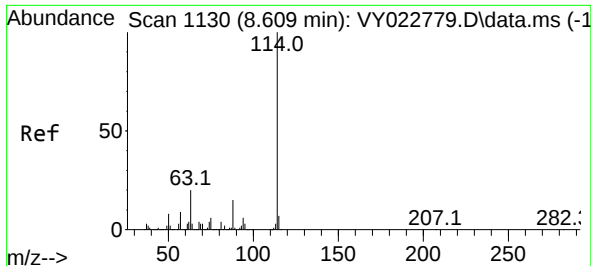
Tgt Ion: 56 Resp: 1071
Ion Ratio Lower Upper
56 100
69 119.6 27.0 40.6#
84 75.3 72.6 109.0



#33
1,2-Dichloroethane-d4
Concen: 20.869 ug/l
RT: 8.061 min Scan# 1040
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 65 Resp: 8106
Ion Ratio Lower Upper
65 100
67 54.1 0.0 103.4

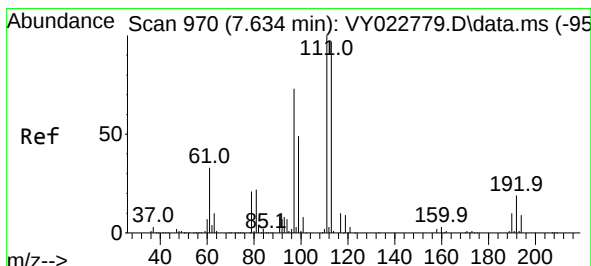
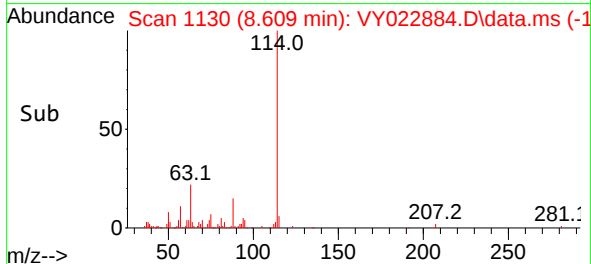
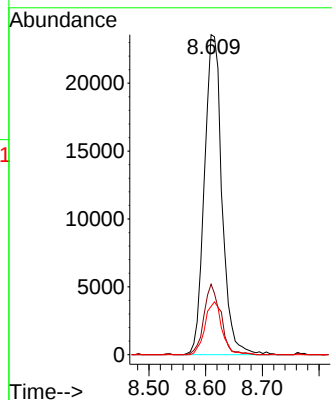
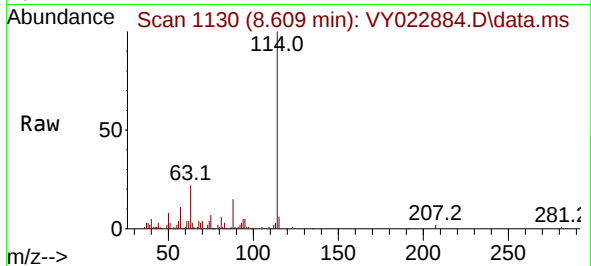




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.609 min Scan# 1130
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

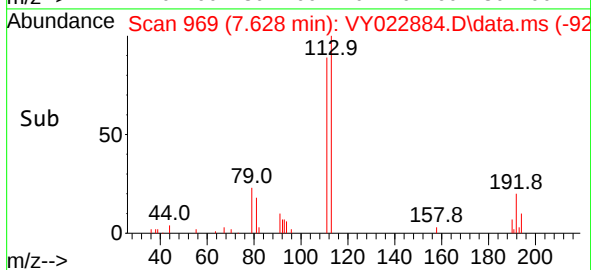
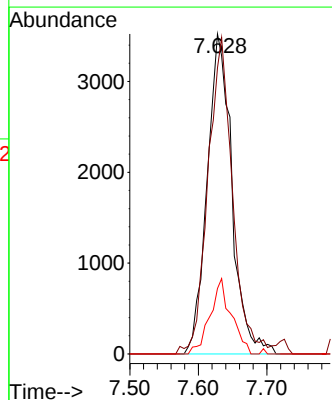
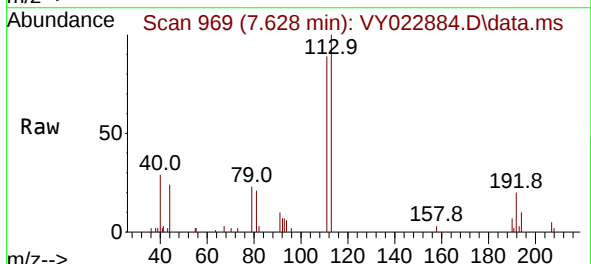
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ClientSampleId :
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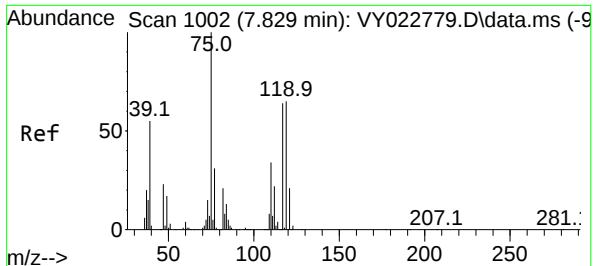
Tgt Ion:	114	Resp:	50778
Ion Ratio	Lower	Upper	
114	100		
63	22.0	0.0	40.8
88	15.1	0.0	27.8



#35
Dibromofluoromethane
Concen: 28.610 ug/l
RT: 7.628 min Scan# 969
Delta R.T. -0.012 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion:	113	Resp:	8835
Ion Ratio	Lower	Upper	
113	100		
111	98.3	81.1	121.7
192	20.1	14.2	21.2





#36

1,1-Dichloropropene

Concen: 7.065 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.140 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

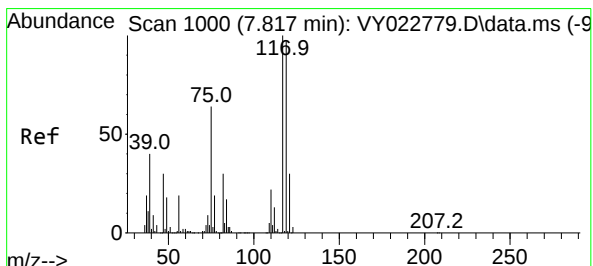
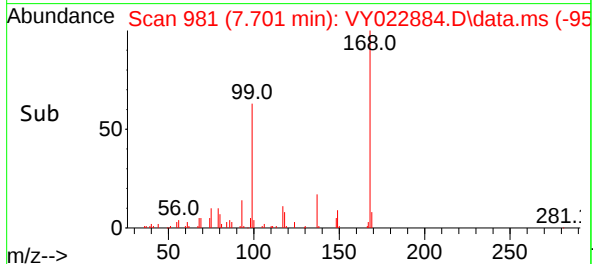
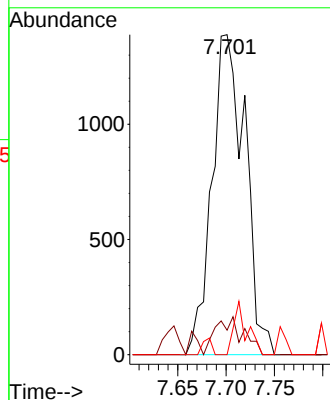
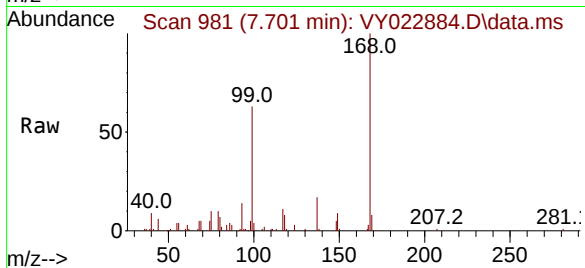
Tgt Ion: 75 Resp: 3307

Ion Ratio Lower Upper

75 100

110 9.7 16.9 50.7#

77 6.5 24.8 37.2#



#38

Carbon Tetrachloride

Concen: 8.154 ug/l

RT: 7.701 min Scan# 981

Delta R.T. -0.122 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

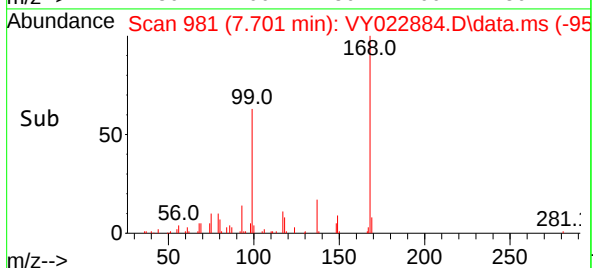
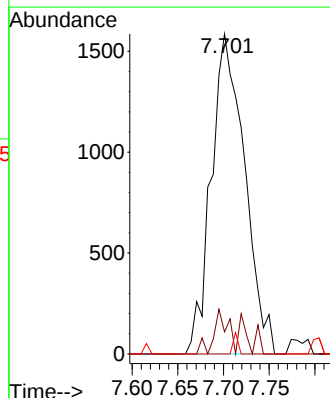
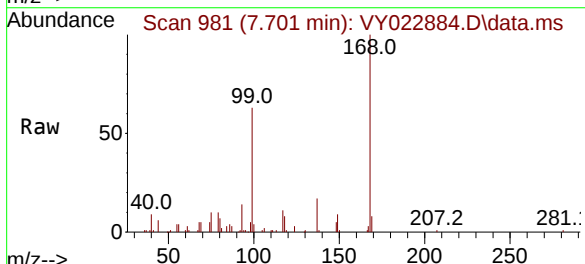
Tgt Ion: 117 Resp: 4027

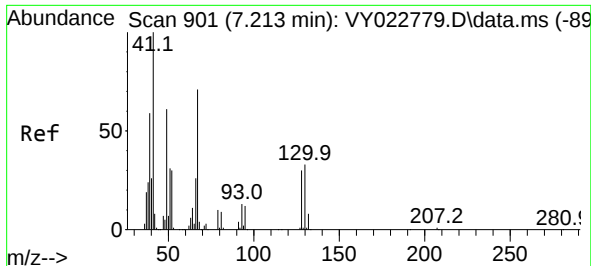
Ion Ratio Lower Upper

117 100

119 6.9 75.0 112.6#

121 0.0 25.0 37.4#

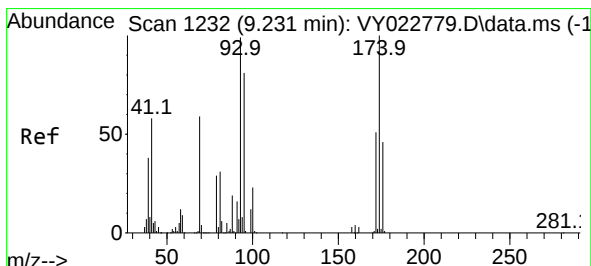
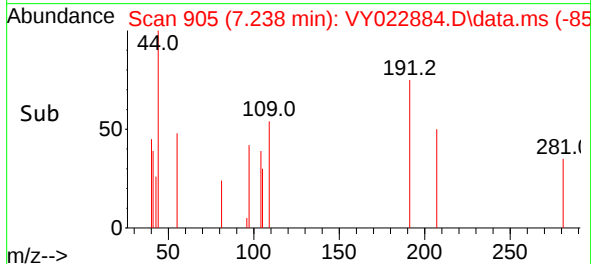
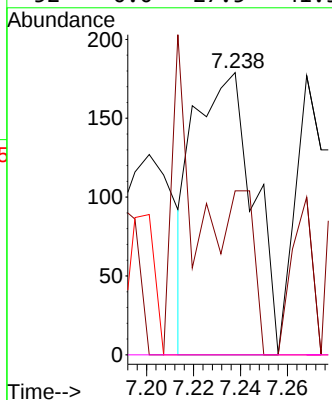
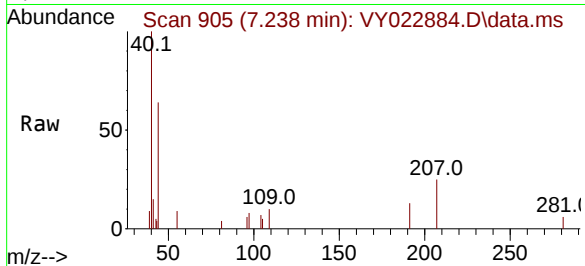




#41
Methacrylonitrile
Concen: 2.517 ug/l
RT: 7.238 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

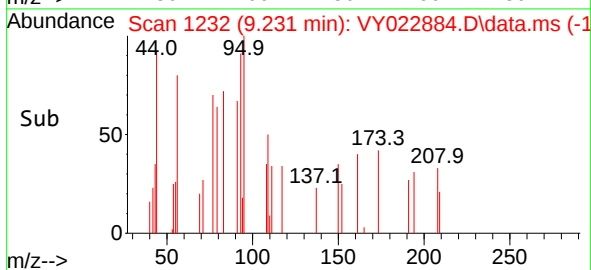
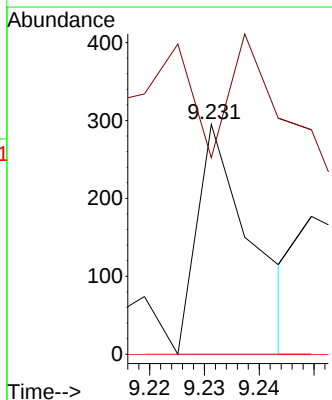
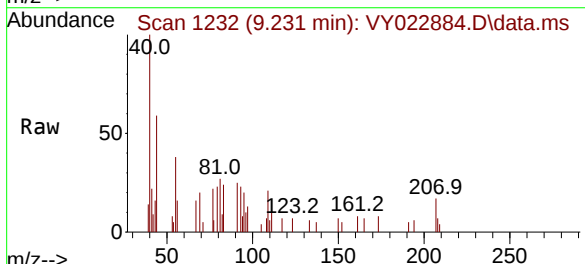
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

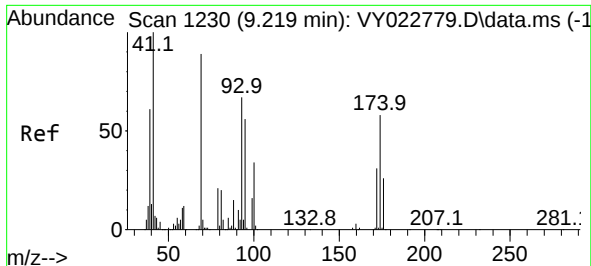
Tgt Ion: 41	Resp:	313
Ion Ratio	Lower	Upper
41 100		
39 0.0	46.6	69.8#
67 0.0	63.3	94.9#
52 0.0	27.5	41.3#



#46
Dibromomethane
Concen: 1.072 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. -0.000 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 93	Resp: 205
Ion Ratio	Lower Upper
93 100	
95 0.0	65.6 98.4#
174 0.0	70.4 105.6#

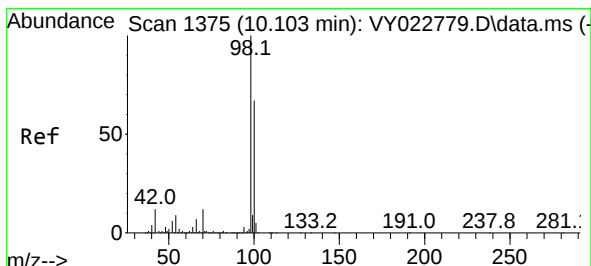
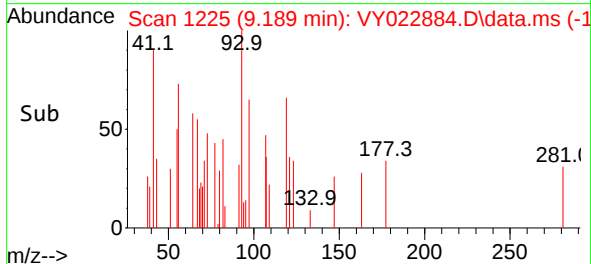
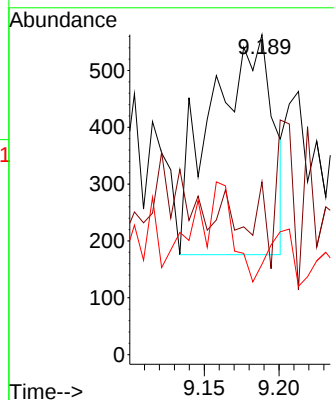
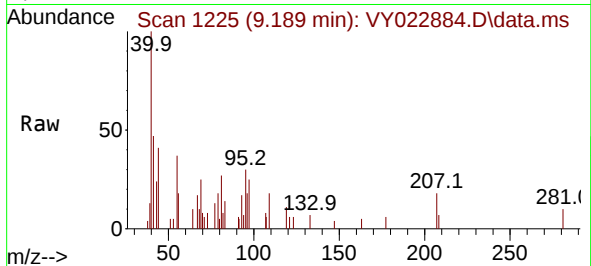




#48
Methyl methacrylate
Concen: 5.451 ug/l
RT: 9.189 min Scan# 1100
Delta R.T. -0.037 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

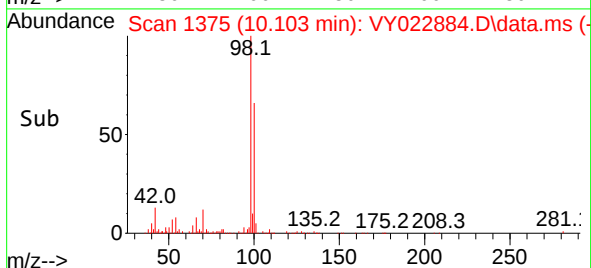
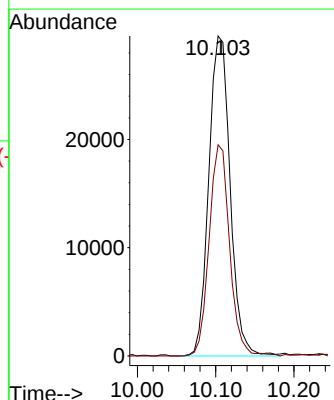
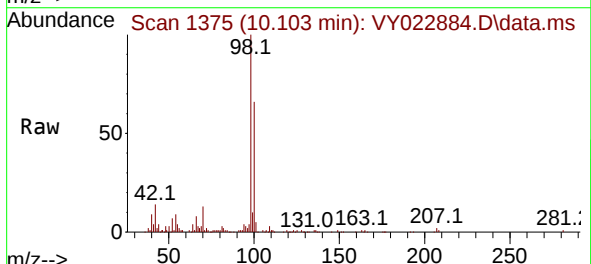
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

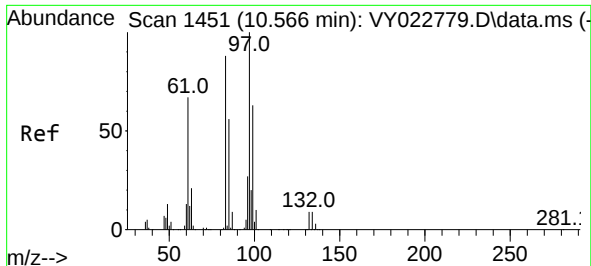
Tgt Ion: 41 Resp: 1100
Ion Ratio Lower Upper
41 100
69 27.2 67.8 101.8#
39 9.3 55.0 82.4#



#50
Toluene-d8
Concen: 45.735 ug/l
RT: 10.103 min Scan# 1375
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 98 Resp: 56043
Ion Ratio Lower Upper
98 100
100 63.2 51.4 77.0

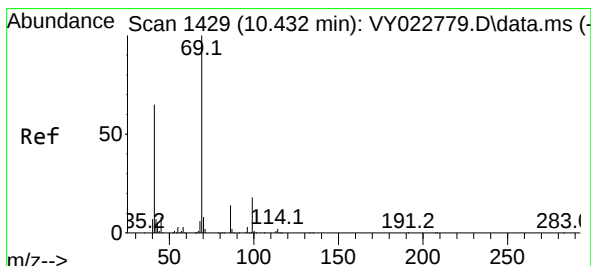
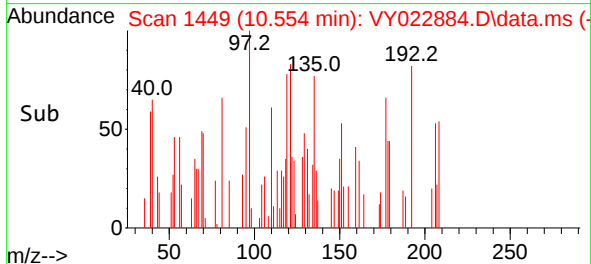
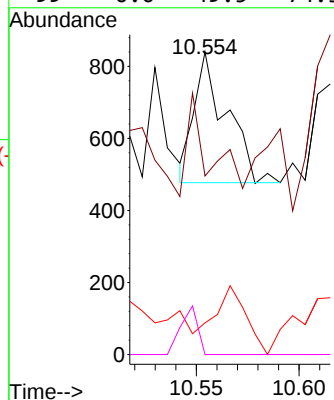
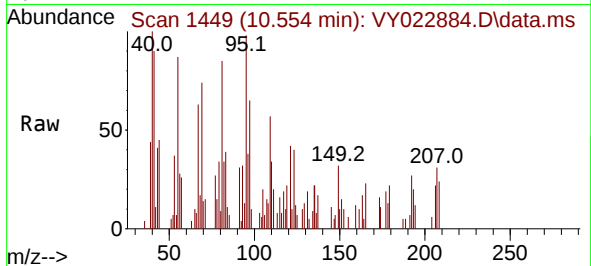




#55
1,1,2-Trichloroethane
Concen: 1.603 ug/l
RT: 10.554 min Scan# 1449
Delta R.T. -0.018 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

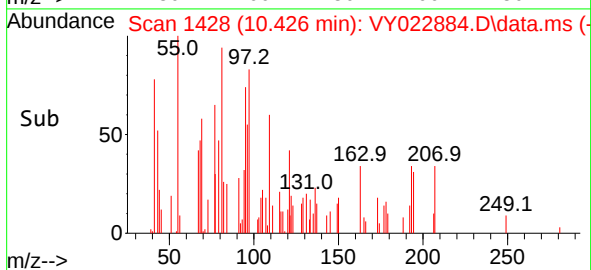
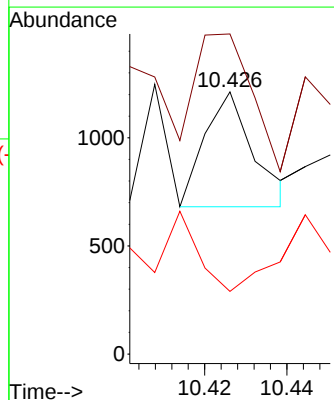
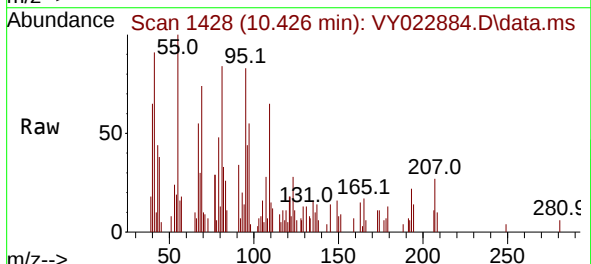
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

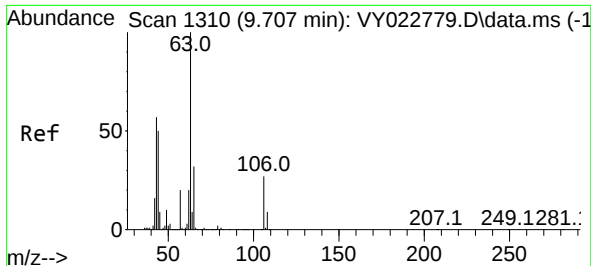
Tgt Ion:	97	Resp:	397
Ion	Ratio	Lower	Upper
97	100		
83	15.7	68.1	102.1#
85	5.0	48.2	72.2#
99	0.0	49.5	74.3#



#56
Ethyl methacrylate
Concen: 1.318 ug/l
RT: 10.426 min Scan# 1428
Delta R.T. -0.018 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion:	69	Resp:	439
Ion	Ratio	Lower	Upper
69	100		
41	134.2	52.2	78.2#
39	0.0	36.7	55.1#

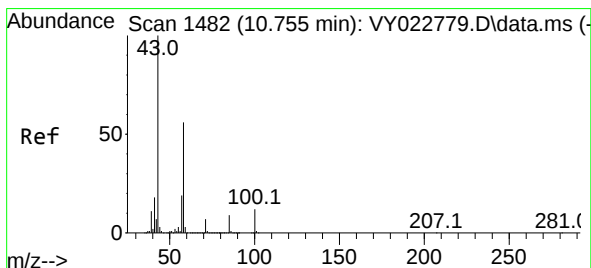
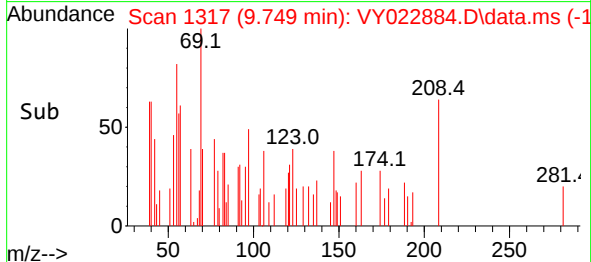
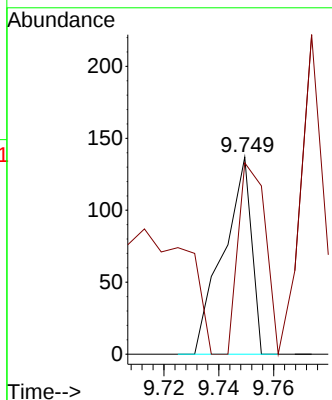
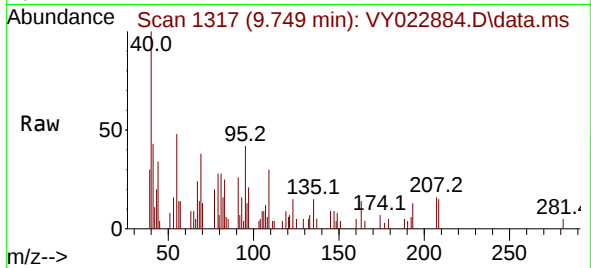




#58
2-Chloroethyl Vinyl ether
Concen: 16.180 ug/l
RT: 9.749 min Scan# 11
Delta R.T. 0.036 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

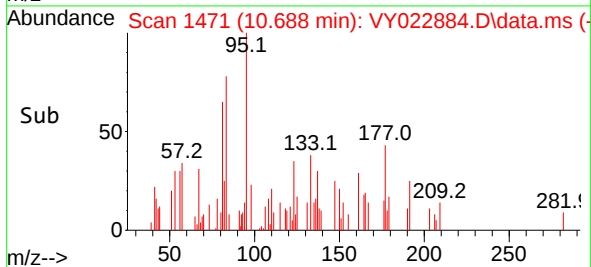
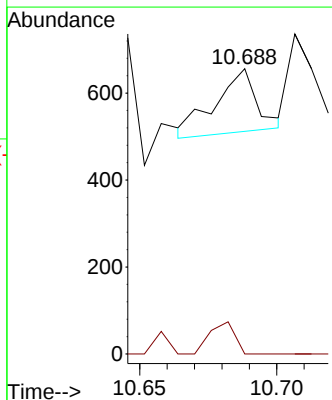
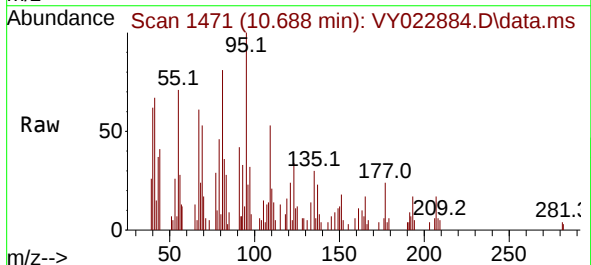
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

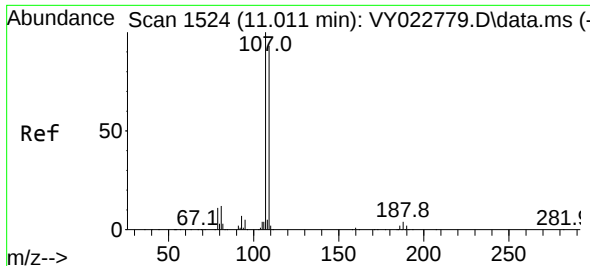
Tgt Ion: 63 Resp: 98
Ion Ratio Lower Upper
63 100
106 93.9 21.6 32.4#



#59
2-Hexanone
Concen: 1.076 ug/l
RT: 10.688 min Scan# 1471
Delta R.T. -0.073 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 43 Resp: 156
Ion Ratio Lower Upper
43 100
58 30.1 27.3 81.8

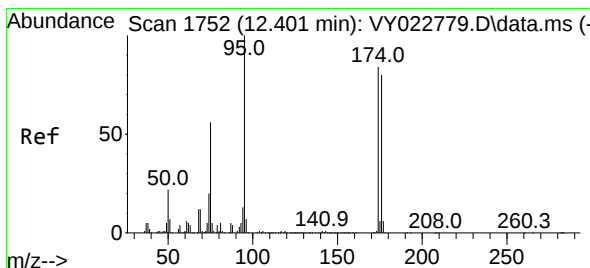
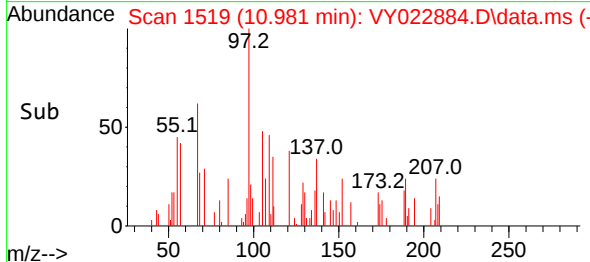
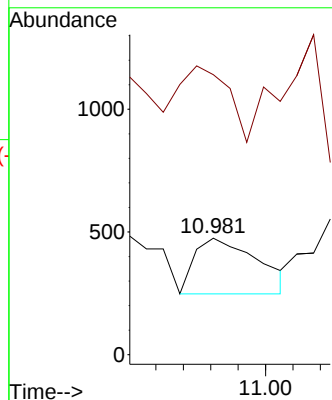
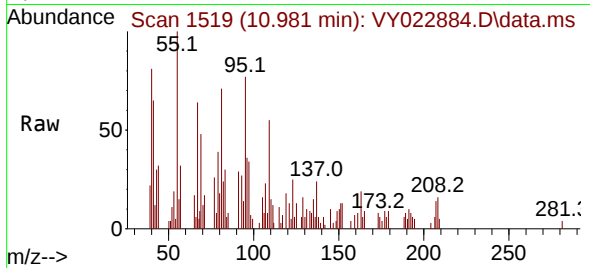




#61
1,2-Dibromoethane
Concen: 1.558 ug/l
RT: 10.981 min Scan# 1519
Delta R.T. -0.037 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

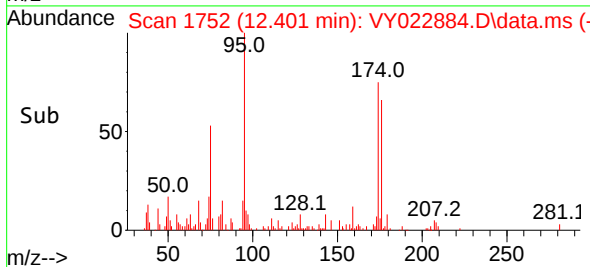
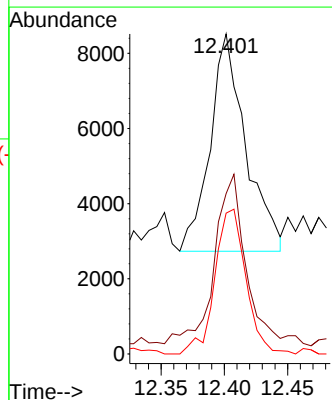
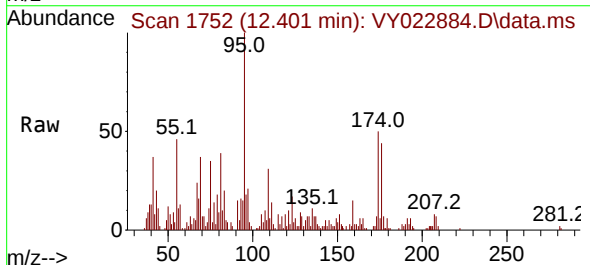
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

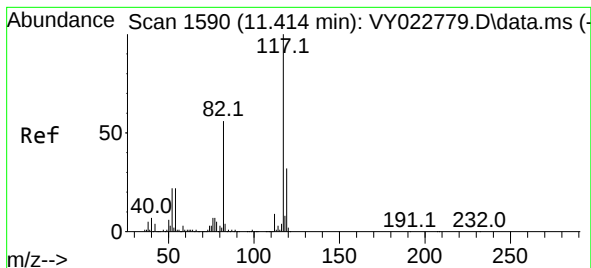
Tgt Ion:107 Resp: 361
Ion Ratio Lower Upper
107 100
109 105.8 77.7 116.5



#62
4-Bromofluorobenzene
Concen: 28.795 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 95 Resp: 11343
Ion Ratio Lower Upper
95 100
174 71.8 0.0 170.0
176 58.0 0.0 166.2

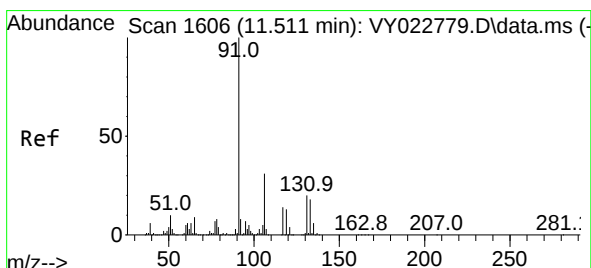
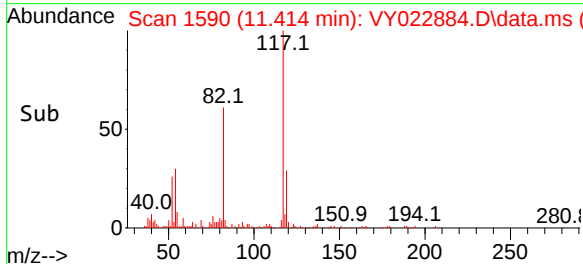
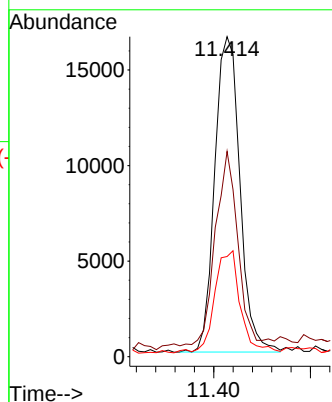
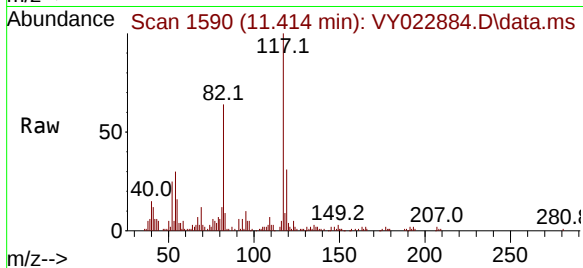




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 117
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

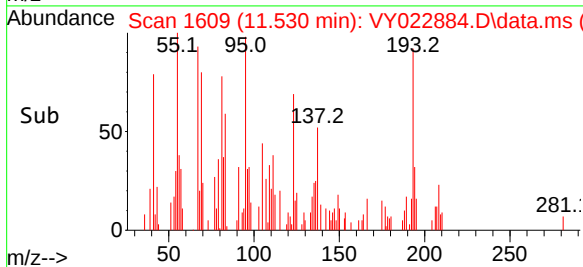
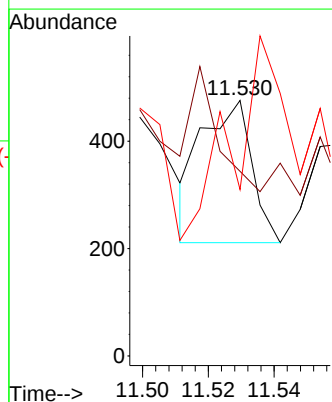
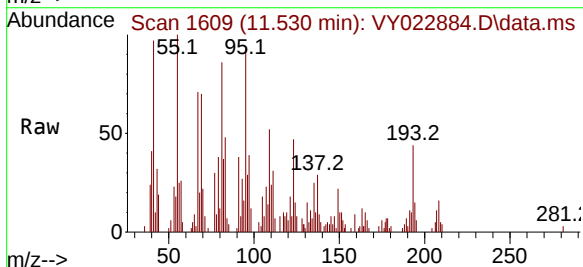
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

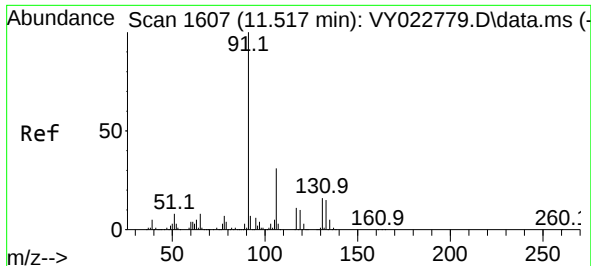
Tgt Ion:117 Resp: 29753
Ion Ratio Lower Upper
117 100
82 61.7 44.6 66.8
119 30.1 25.4 38.0



#66
1,1,1,2-Tetrachloroethane
Concen: 1.255 ug/l
RT: 11.530 min Scan# 1609
Delta R.T. 0.012 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion:131 Resp: 278
Ion Ratio Lower Upper
131 100
133 182.0 47.3 141.8#
119 154.3 33.1 99.3#





#67

Ethyl Benzene

Concen: 1.110 ug/l

RT: 11.524 min Scan# 1608

Delta R.T. 0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

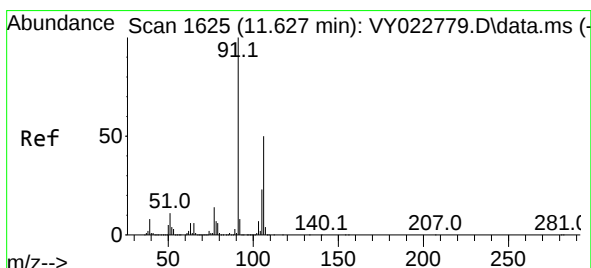
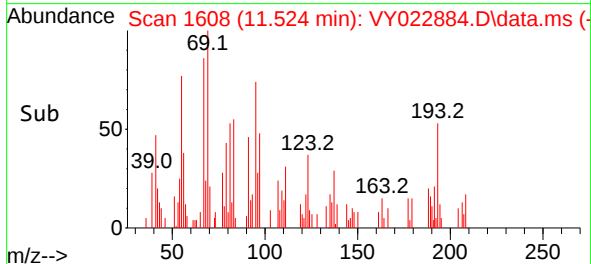
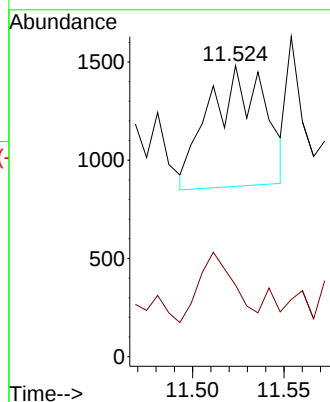
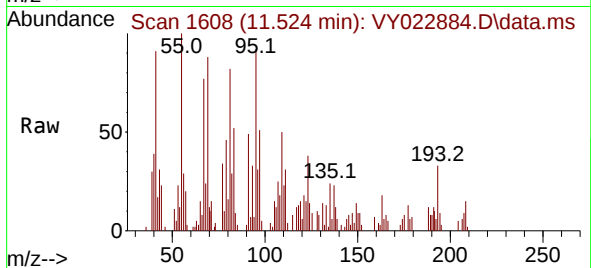
COMP-2

Tgt Ion: 91 Resp: 1275

Ion Ratio Lower Upper

91 100

106 34.3 24.2 36.4



#68

m/p-Xylenes

Concen: 1.399 ug/l

RT: 11.633 min Scan# 1626

Delta R.T. -0.000 min

Lab File: VY022884.D

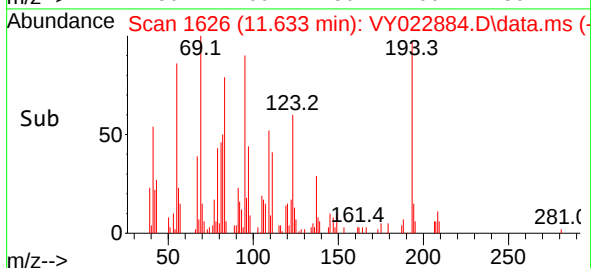
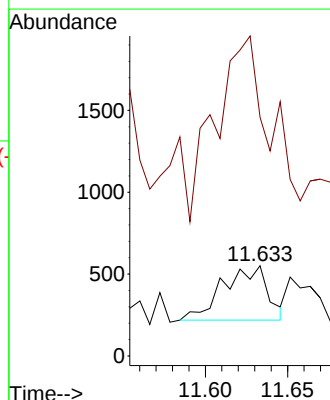
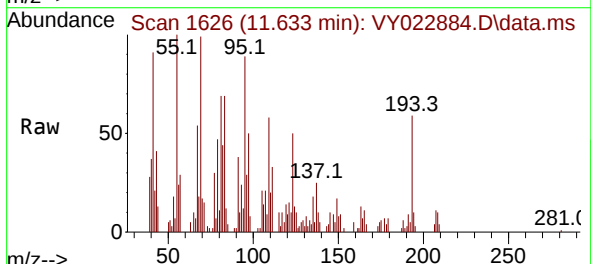
Acq: 30 Jun 2025 16:49

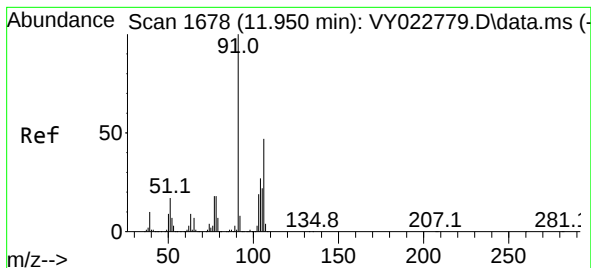
Tgt Ion:106 Resp: 621

Ion Ratio Lower Upper

106 100

91 417.6 159.4 239.0#





#69

o-Xylene

Concen: 1.604 ug/l

RT: 11.938 min Scan# 1

Delta R.T. -0.018 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

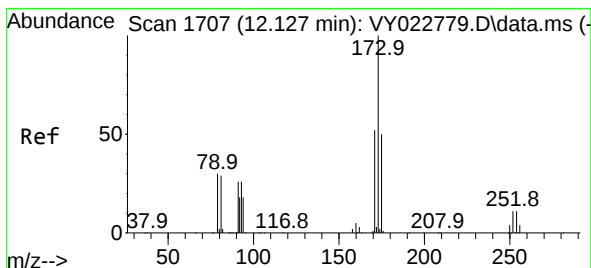
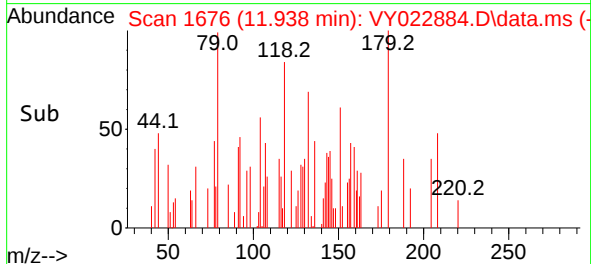
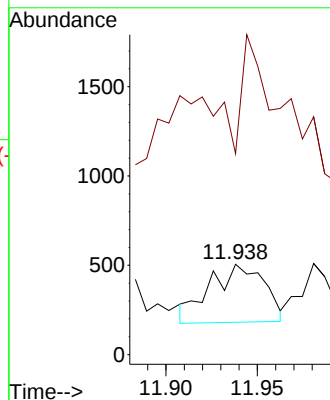
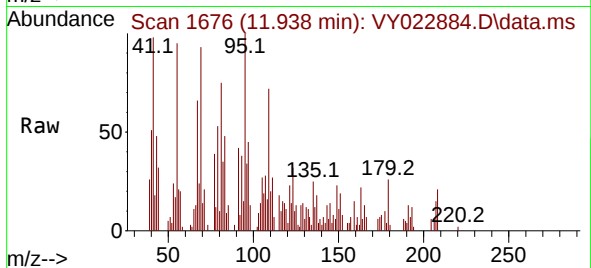
COMP-2

Tgt Ion:106 Resp: 671

Ion Ratio Lower Upper

106 100

91 182.7 105.8 317.3



#71

Bromoform

Concen: 1.914 ug/l

RT: 12.133 min Scan# 1708

Delta R.T. -0.000 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

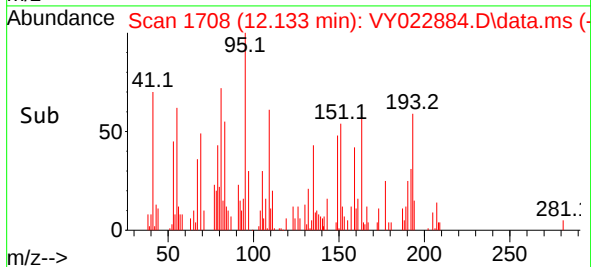
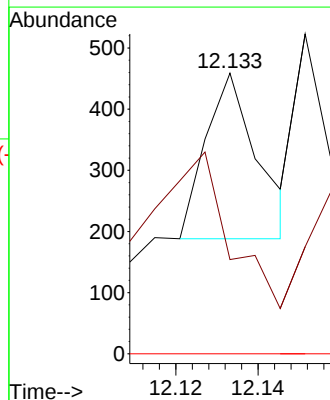
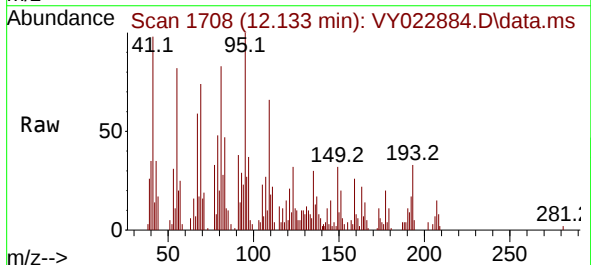
Tgt Ion:173 Resp: 236

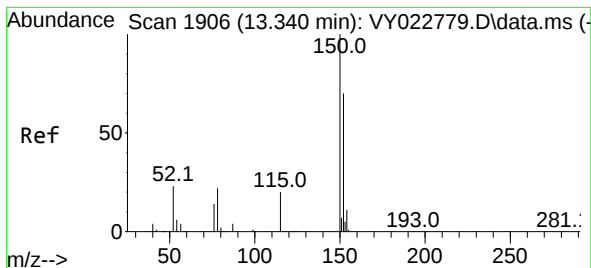
Ion Ratio Lower Upper

173 100

175 162.3 23.8 71.5#

254 0.0 0.0 0.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.340 min Scan# 1906

Delta R.T. -0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

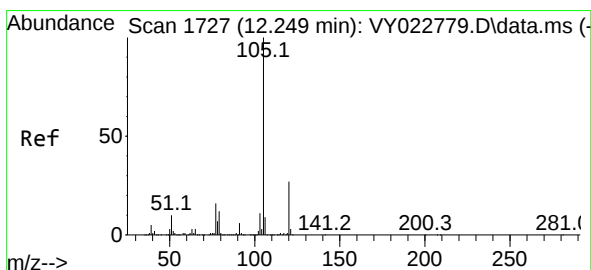
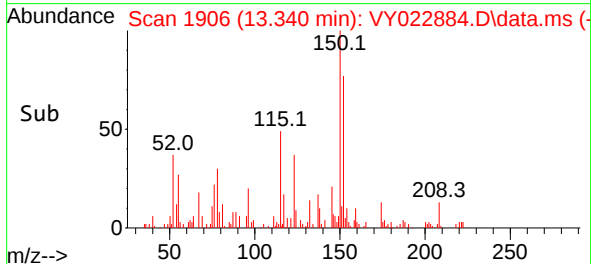
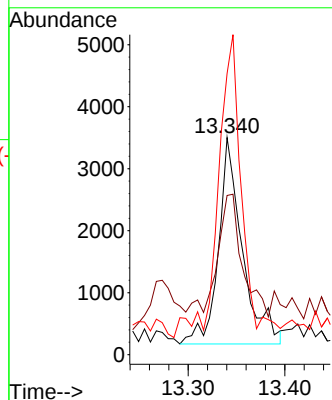
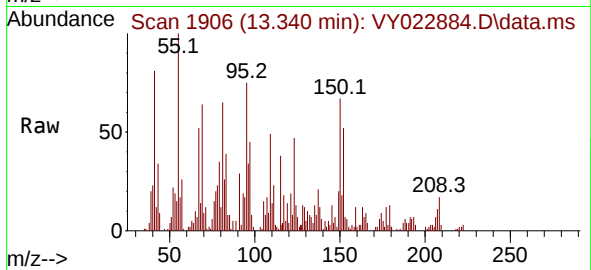
Tgt Ion:152 Resp: 5738

Ion Ratio Lower Upper

152 100

115 62.0 28.9 86.7

150 123.9 0.0 349.6



#73

Isopropylbenzene

Concen: 1.711 ug/l

RT: 12.298 min Scan# 1735

Delta R.T. 0.042 min

Lab File: VY022884.D

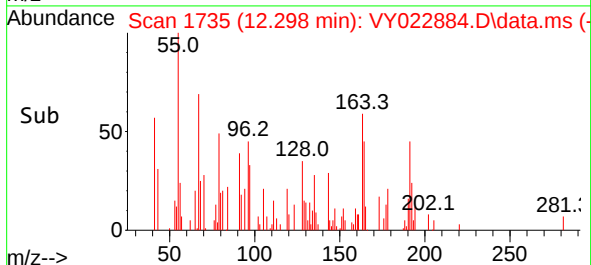
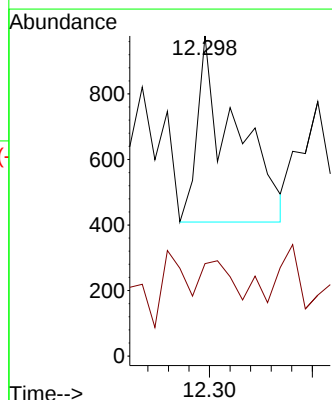
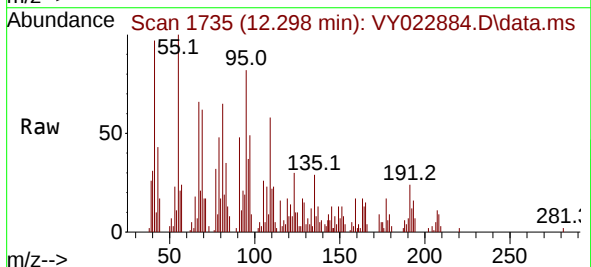
Acq: 30 Jun 2025 16:49

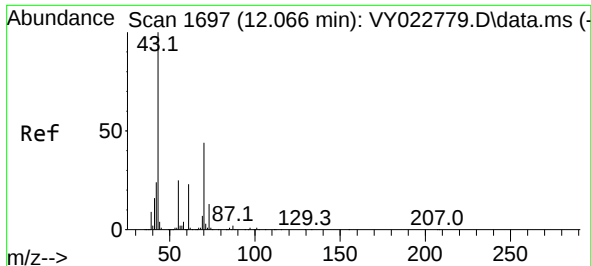
Tgt Ion:105 Resp: 726

Ion Ratio Lower Upper

105 100

120 34.0 13.0 38.9

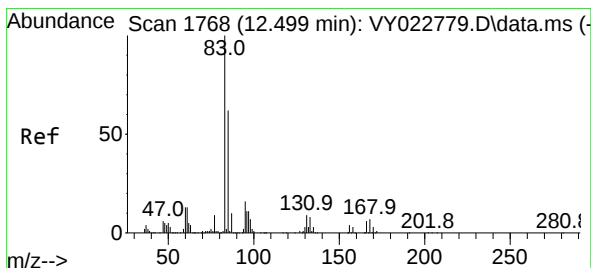
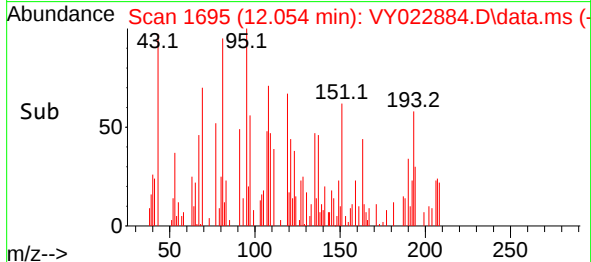
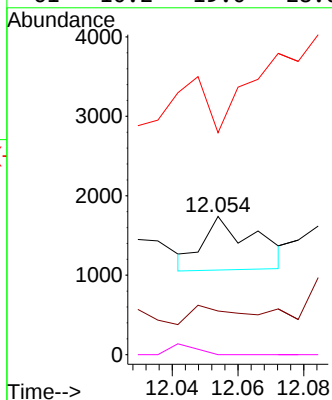
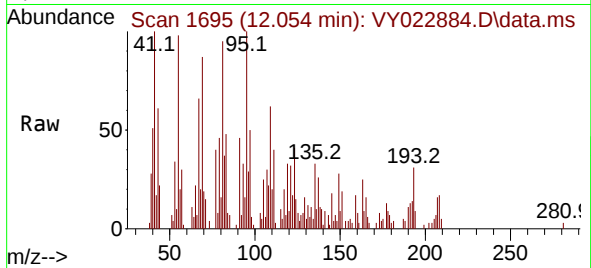




#74
N-amy1 acetate
Concen: 7.748 ug/l
RT: 12.054 min Scan# 1793
Delta R.T. -0.018 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

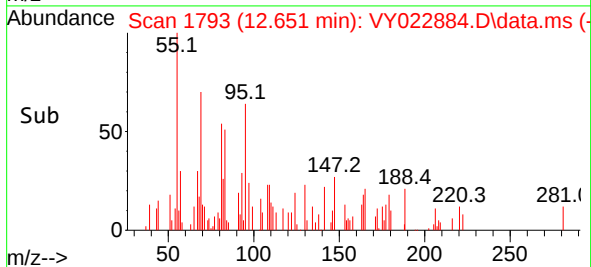
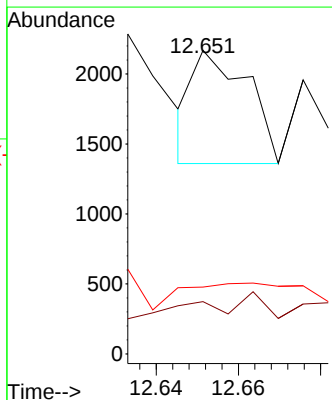
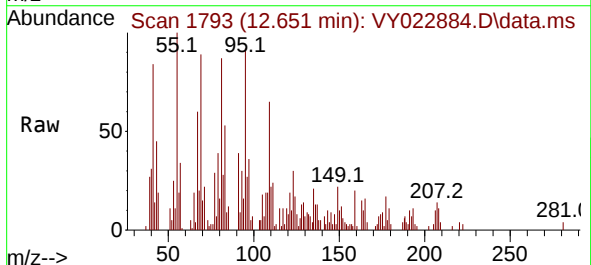
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

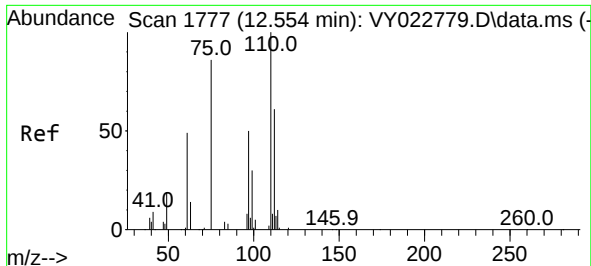
Tgt Ion:	43	Resp:	738
Ion	Ratio	Lower	Upper
43	100		
70	33.6	34.2	51.2#
55	60.3	18.2	27.4#
61	10.2	19.0	28.6#



#75
1,1,2,2-Tetrachloroethane
Concen: 10.864 ug/l
RT: 12.651 min Scan# 1793
Delta R.T. 0.146 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion:	83	Resp:	743
Ion	Ratio	Lower	Upper
83	100		
131	7.3	4.9	14.7
85	54.4	32.6	97.8

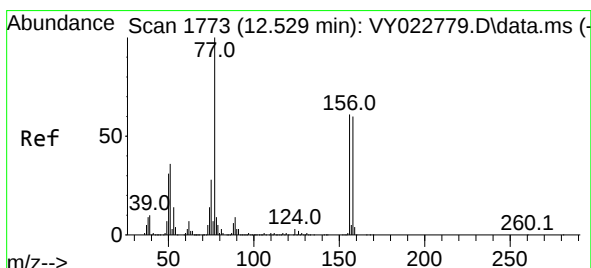
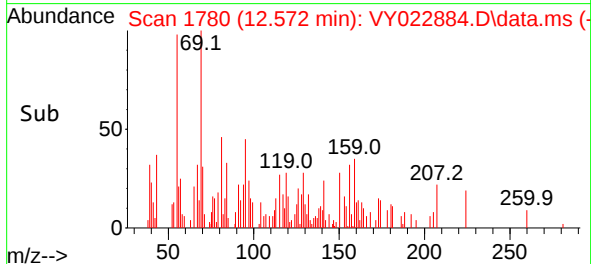
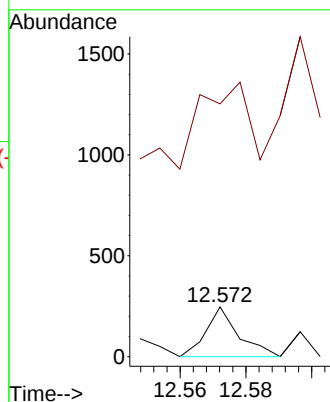
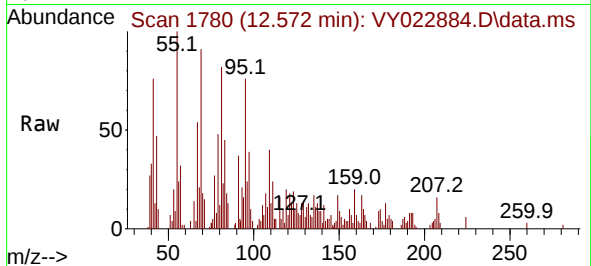




#76
1,2,3-Trichloropropane
Concen: 2.868 ug/l
RT: 12.572 min Scan# 1780
Delta R.T. 0.018 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

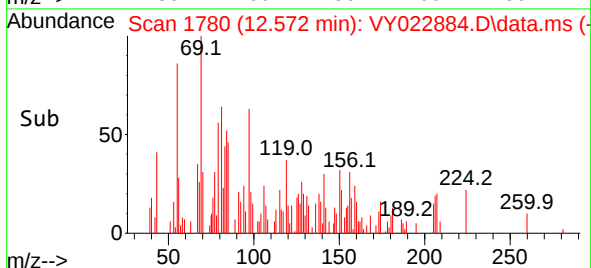
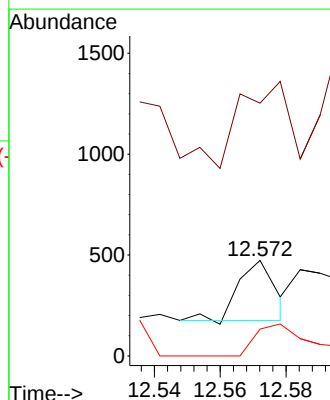
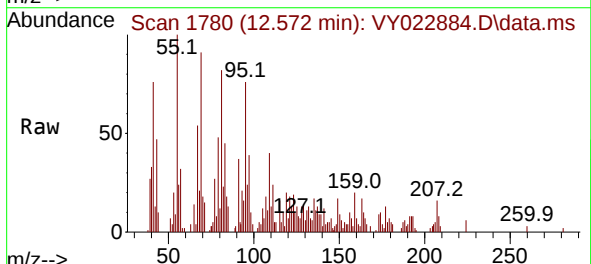
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

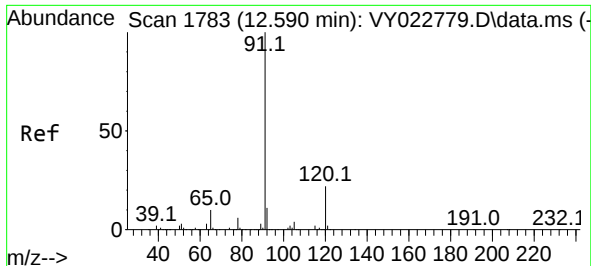
Tgt Ion: 75 Resp: 168
Ion Ratio Lower Upper
75 100
77 255.4 0.0 0.0#



#77
Bromobenzene
Concen: 2.402 ug/l
RT: 12.572 min Scan# 1780
Delta R.T. 0.036 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion:156 Resp: 231
Ion Ratio Lower Upper
156 100
77 185.7 94.0 282.1
158 76.6 48.2 144.6

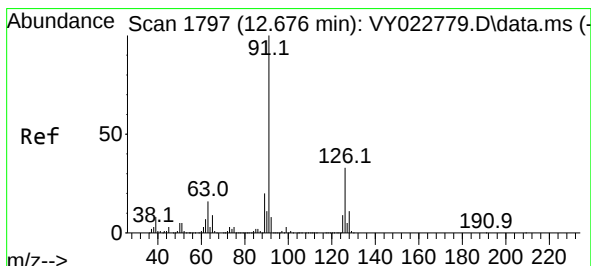
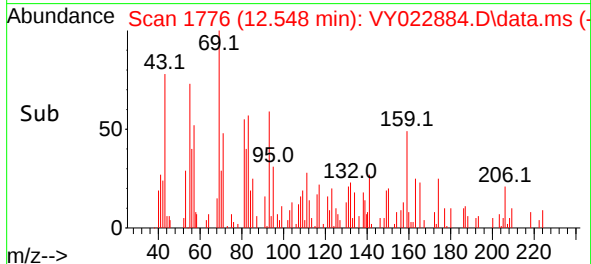
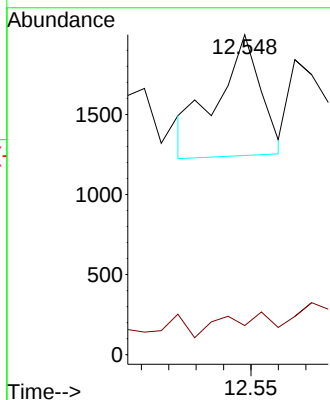
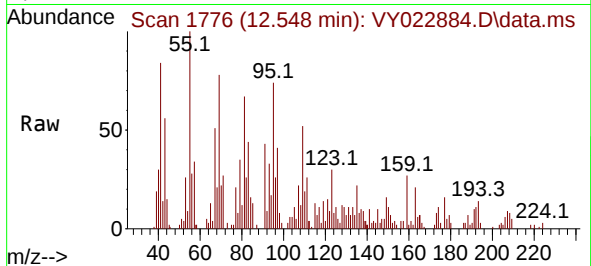




#78
n-propylbenzene
Concen: 1.649 ug/l
RT: 12.548 min Scan# 11
Delta R.T. -0.049 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

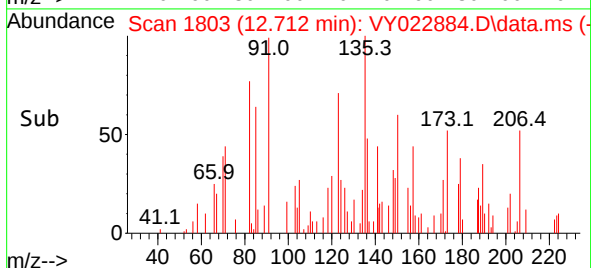
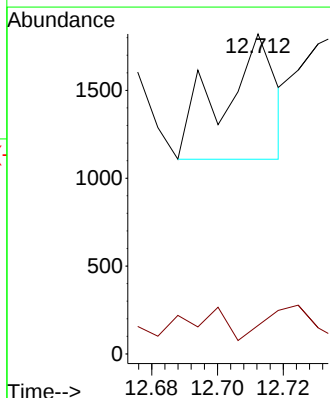
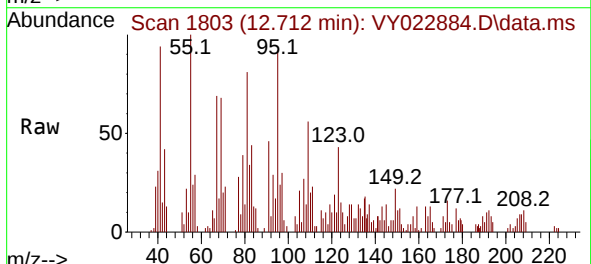
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

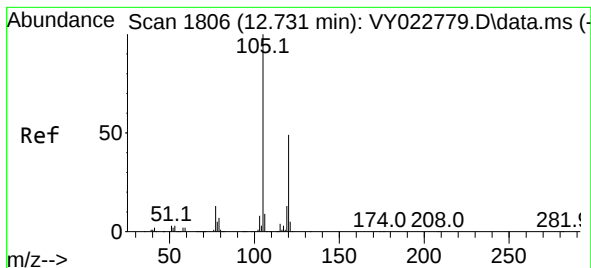
Tgt Ion: 91 Resp: 845
Ion Ratio Lower Upper
91 100
120 13.4 10.8 32.4



#79
2-Chlorotoluene
Concen: 2.791 ug/l
RT: 12.712 min Scan# 1803
Delta R.T. 0.030 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 91 Resp: 808
Ion Ratio Lower Upper
91 100
126 30.7 17.0 51.0





#80

1,3,5-Trimethylbenzene

Concen: 1.684 ug/l

RT: 12.773 min Scan# 11

Delta R.T. 0.036 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

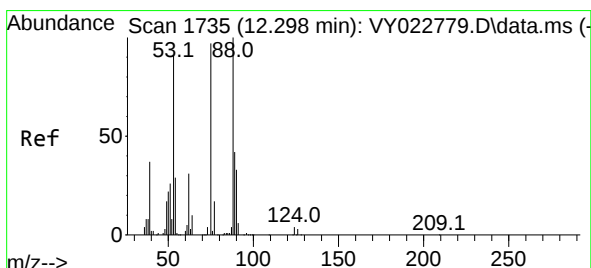
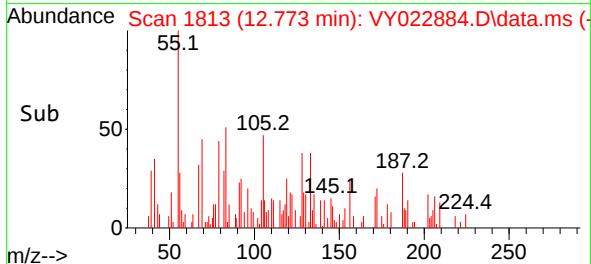
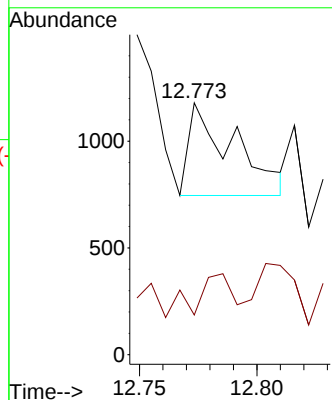
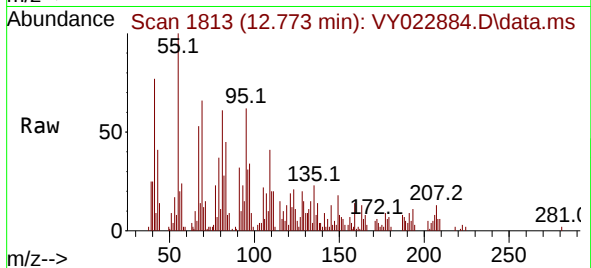
COMP-2

Tgt Ion:105 Resp: 577

Ion Ratio Lower Upper

105 100

120 36.0 24.1 72.4



#81

trans-1,4-Dichloro-2-butene

Concen: 208.606 ug/l

RT: 12.401 min Scan# 1752

Delta R.T. 0.097 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

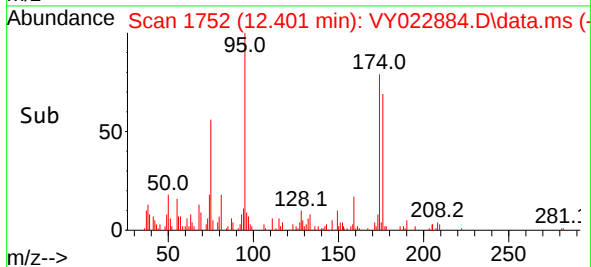
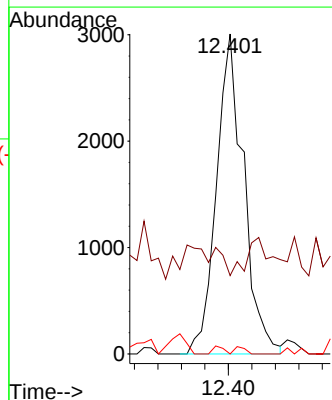
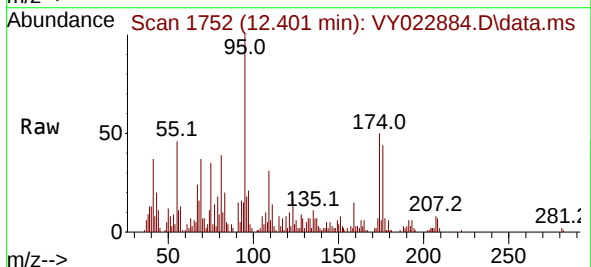
Tgt Ion: 75 Resp: 4837

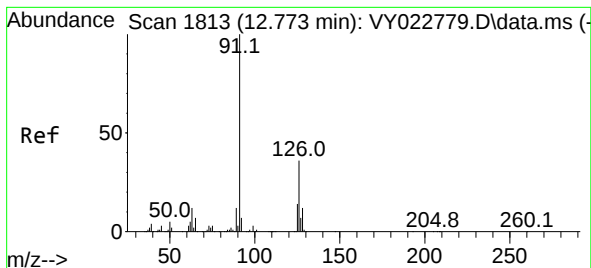
Ion Ratio Lower Upper

75 100

53 0.0 78.5 117.7#

89 0.9 35.7 53.5#

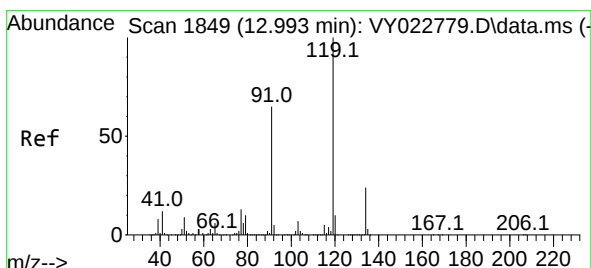
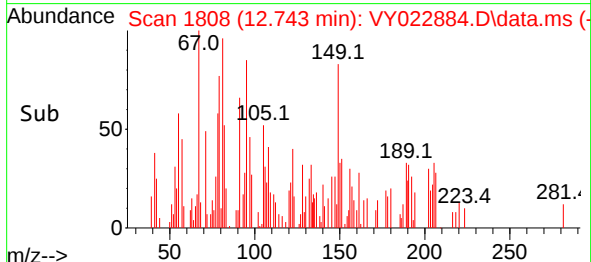
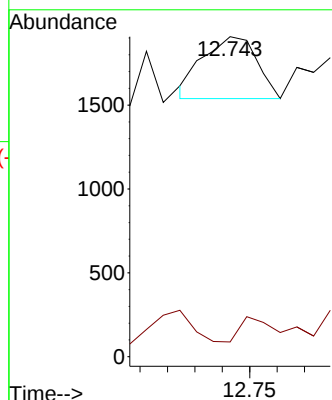
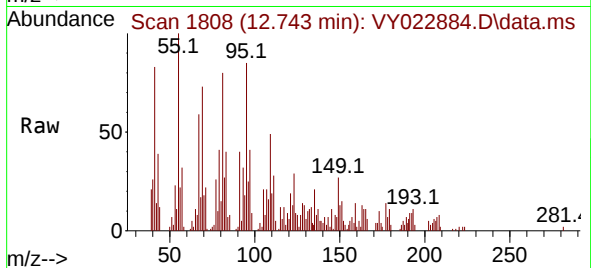




#82
4-Chlorotoluene
Concen: 1.654 ug/l
RT: 12.743 min Scan# 11
Delta R.T. -0.037 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

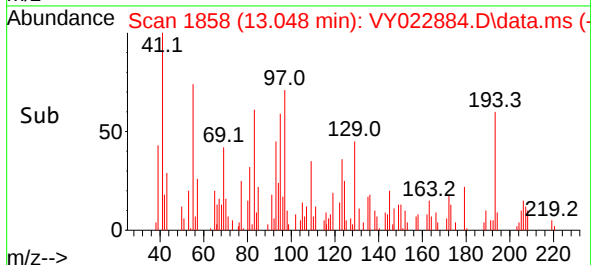
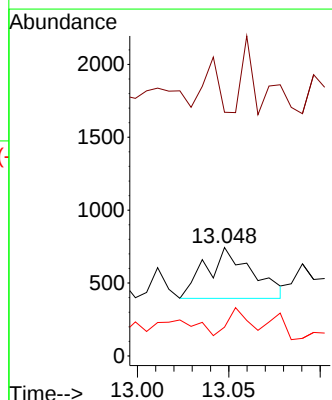
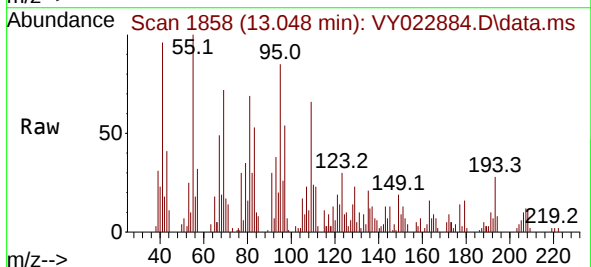
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

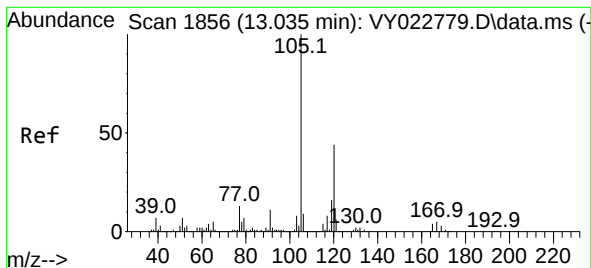
Tgt Ion: 91 Resp: 503
Ion Ratio Lower Upper
91 100
126 26.2 17.0 50.9



#83
tert-Butylbenzene
Concen: 2.032 ug/l
RT: 13.048 min Scan# 1858
Delta R.T. 0.049 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 119 Resp: 614
Ion Ratio Lower Upper
119 100
91 57.0 32.1 96.3
134 23.5 13.0 38.9





#84

1,2,4-Trimethylbenzene

Concen: 2.309 ug/l

RT: 13.042 min Scan# 1856

Delta R.T. -0.000 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

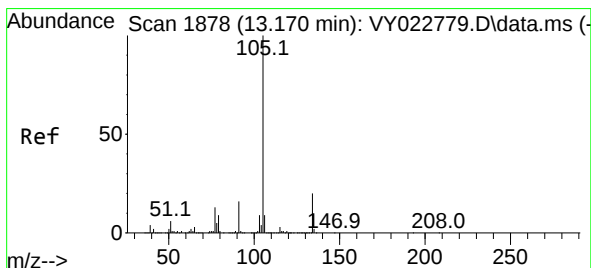
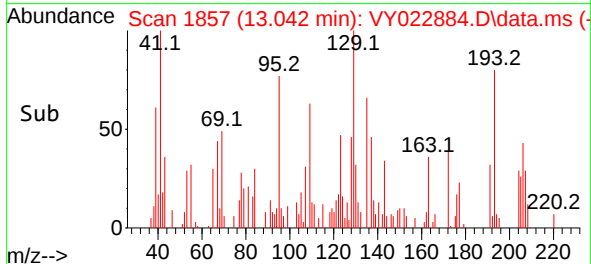
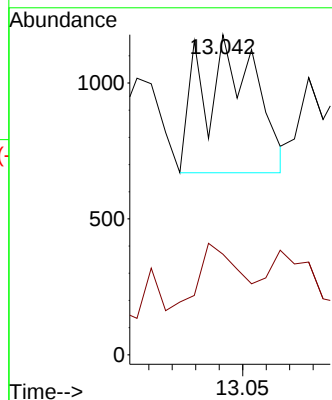
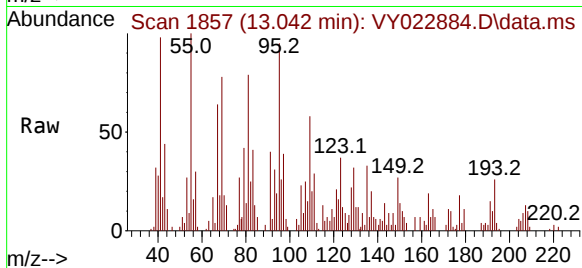
COMP-2

Tgt Ion:105 Resp: 792

Ion Ratio Lower Upper

105 100

120 36.7 22.7 68.1



#85

sec-Butylbenzene

Concen: 3.889 ug/l

RT: 13.163 min Scan# 1877

Delta R.T. -0.012 min

Lab File: VY022884.D

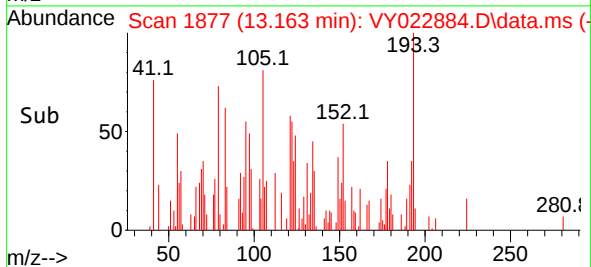
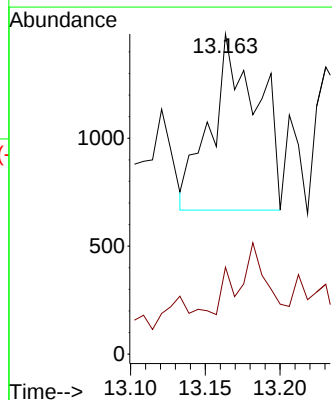
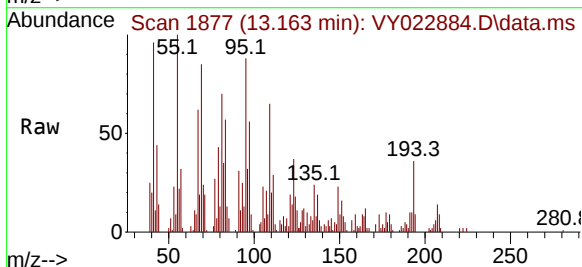
Acq: 30 Jun 2025 16:49

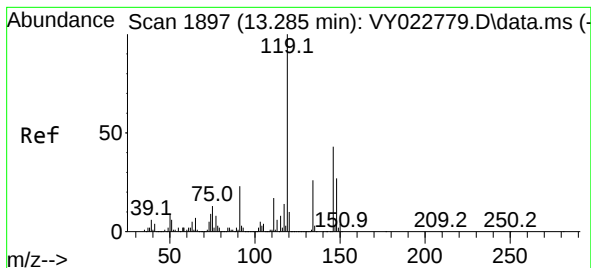
Tgt Ion:105 Resp: 1768

Ion Ratio Lower Upper

105 100

134 28.7 9.7 28.9





#86

p-Isopropyltoluene

Concen: 1.576 ug/l

RT: 13.298 min Scan# 1899

Delta R.T. 0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

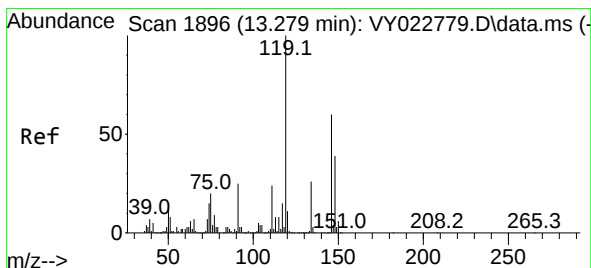
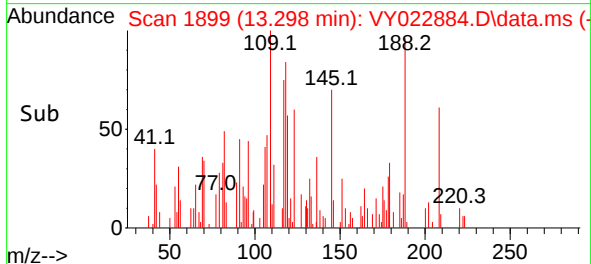
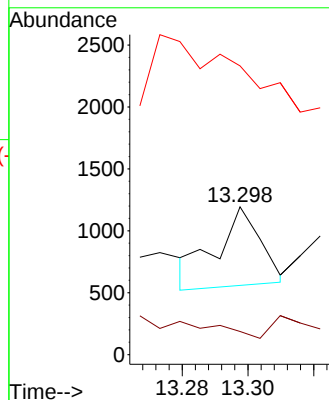
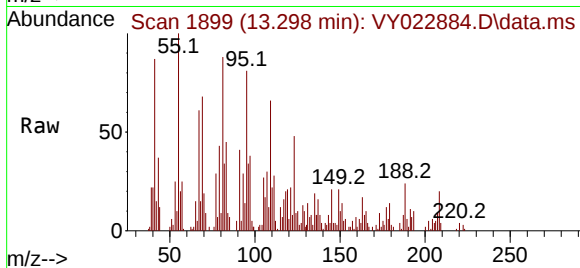
Tgt Ion:119 Resp: 596

Ion Ratio Lower Upper

119 100

134 23.5 13.1 39.1

91 0.0 11.6 34.8#



#87

1,3-Dichlorobenzene

Concen: 1.889 ug/l

RT: 13.291 min Scan# 1898

Delta R.T. -0.000 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

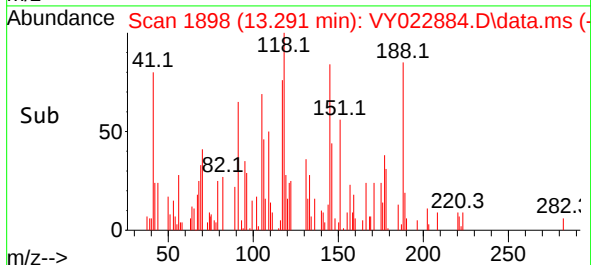
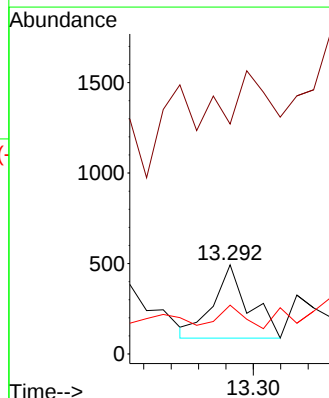
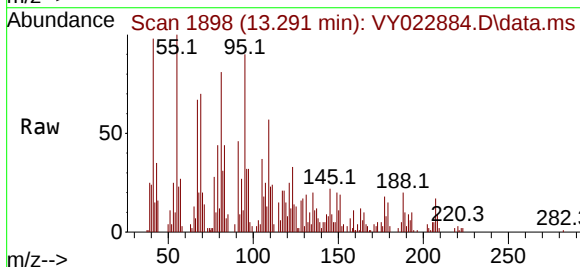
Tgt Ion:146 Resp: 365

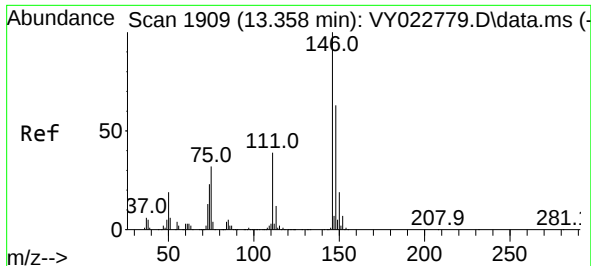
Ion Ratio Lower Upper

146 100

111 84.1 20.1 60.2#

148 35.3 32.1 96.3

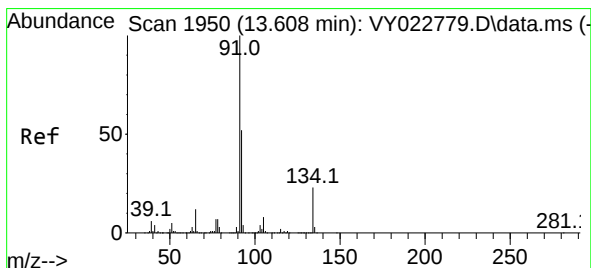
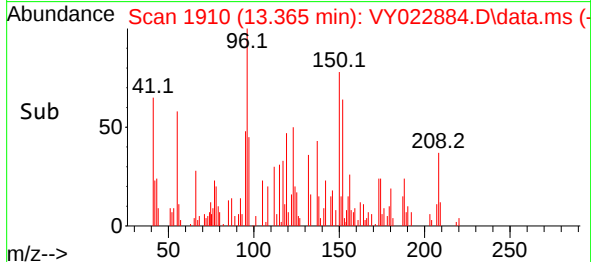
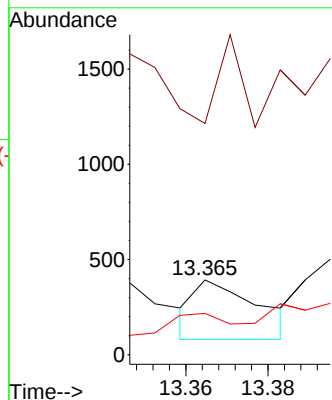
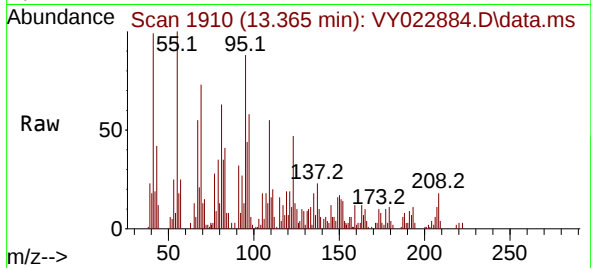




#88
1,4-Dichlorobenzene
Concen: 1.735 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. -0.006 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

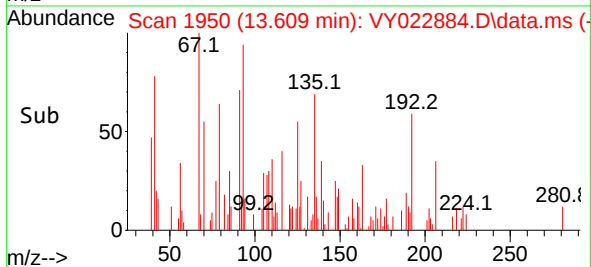
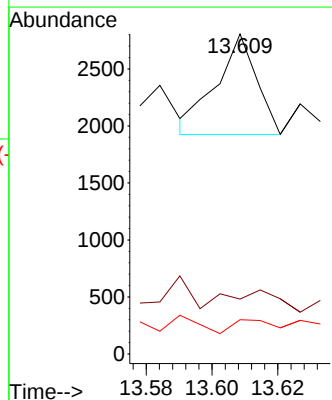
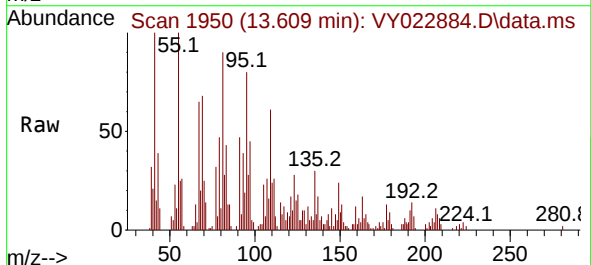
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

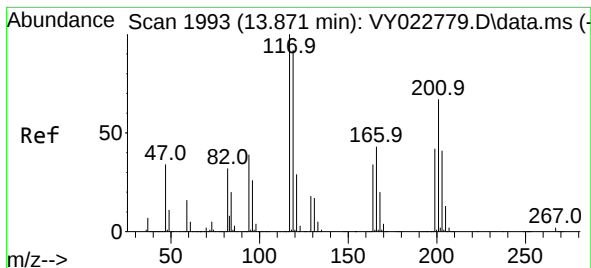
Tgt Ion:146 Resp: 333
Ion Ratio Lower Upper
146 100
111 53.5 19.4 58.2
148 32.1 31.6 94.8



#89
n-Butylbenzene
Concen: 2.097 ug/l
RT: 13.609 min Scan# 1950
Delta R.T. -0.012 min
Lab File: VY022884.D
Acq: 30 Jun 2025 16:49

Tgt Ion: 91 Resp: 746
Ion Ratio Lower Upper
91 100
92 26.4 25.9 77.8
134 15.5 12.0 36.1





#90

Hexachloroethane

Concen: 5.044 ug/l

RT: 13.913 min Scan# 2000

Delta R.T. 0.030 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

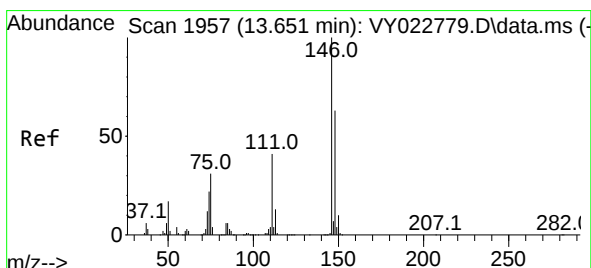
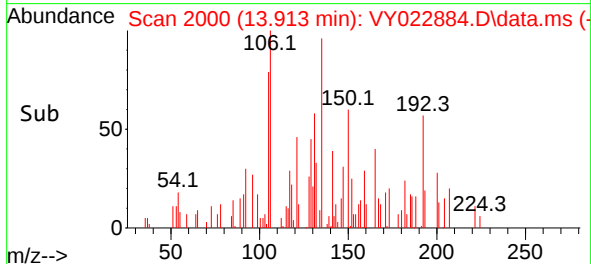
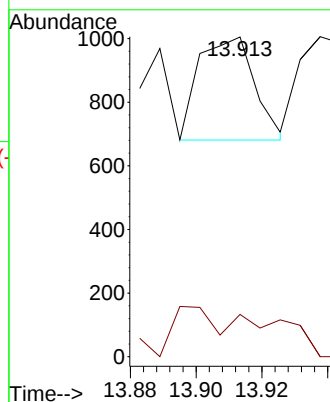
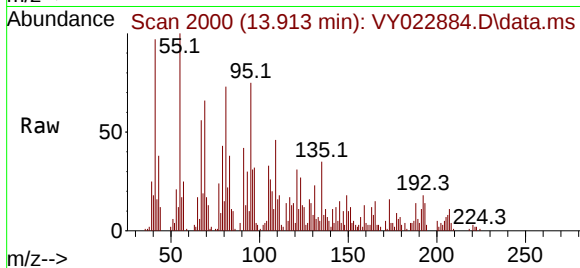
COMP-2

Tgt Ion:117 Resp: 380

Ion Ratio Lower Upper

117 100

201 36.6 34.0 102.0



#91

1,2-Dichlorobenzene

Concen: 4.364 ug/l

RT: 13.663 min Scan# 1959

Delta R.T. 0.006 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

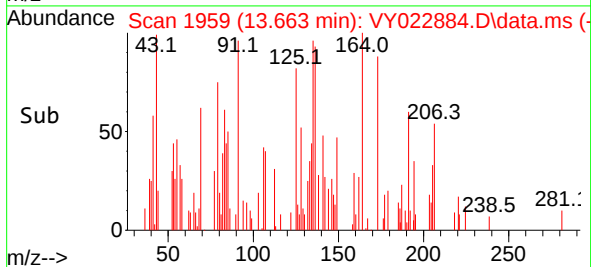
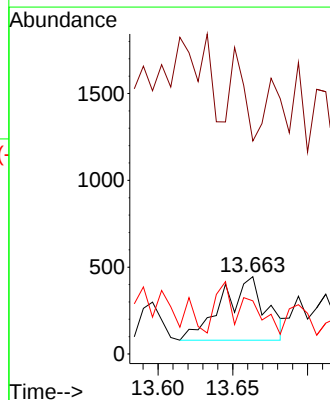
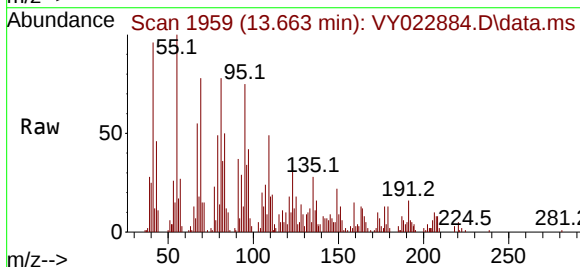
Tgt Ion:146 Resp: 743

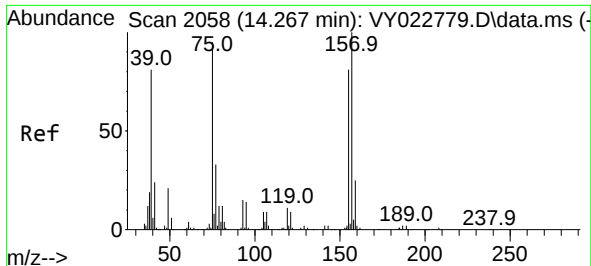
Ion Ratio Lower Upper

146 100

111 37.0 20.2 60.6

148 0.0 31.4 94.0#





#92

1,2-Dibromo-3-Chloropropane

Concen: 3.966 ug/l

RT: 14.291 min Scan# 2058

Delta R.T. 0.018 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

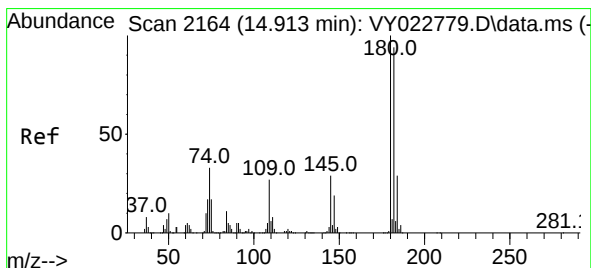
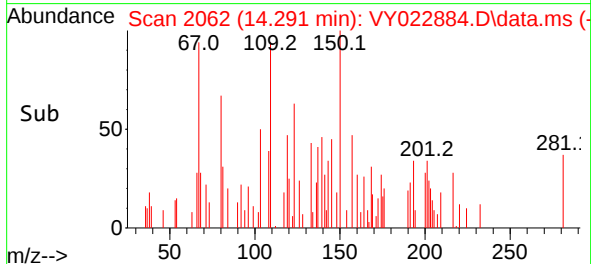
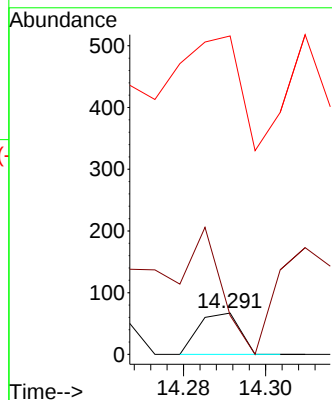
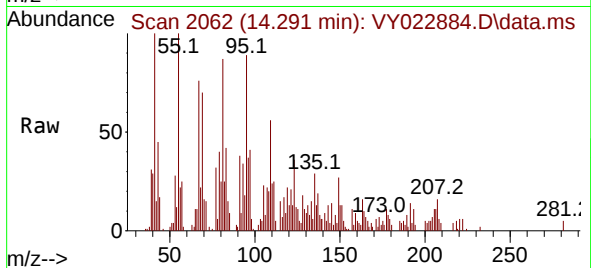
MSVOA_Y

ClientSampleId :

COMP-2

Tgt Ion: 75 Resp: 46

Ion	Ratio	Lower	Upper
75	100		
155	0.0	39.9	119.6#
157	1189.1	54.0	162.0#



#93

1,2,4-Trichlorobenzene

Concen: 2.008 ug/l

RT: 14.931 min Scan# 2167

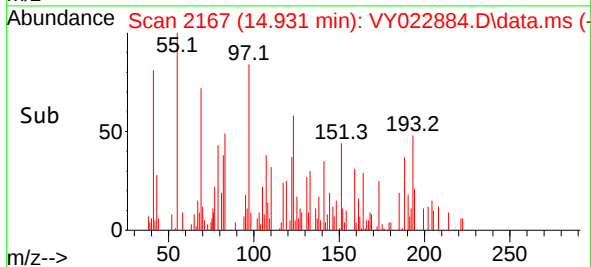
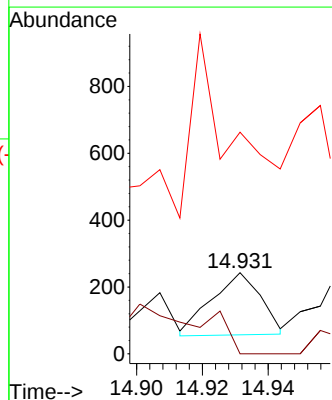
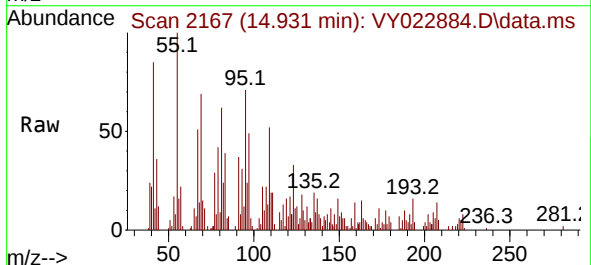
Delta R.T. 0.012 min

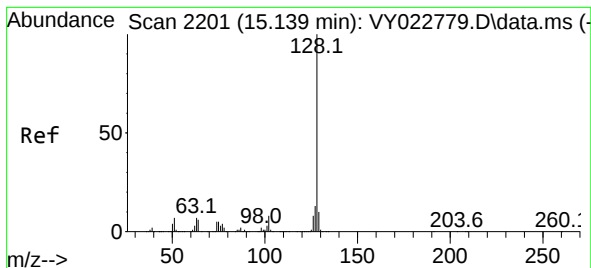
Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Tgt Ion: 180 Resp: 193

Ion	Ratio	Lower	Upper
180	100		
182	0.0	48.4	145.3#
145	234.7	15.5	46.5#





#95

Naphthalene

Concen: 8.739 ug/l

RT: 15.145 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

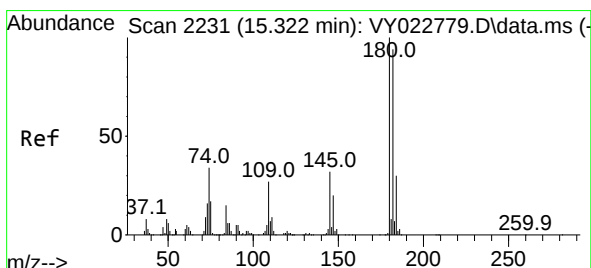
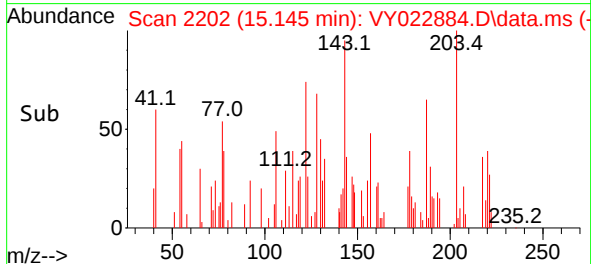
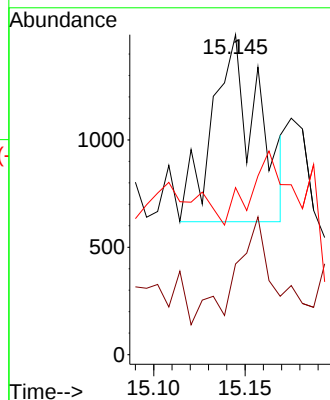
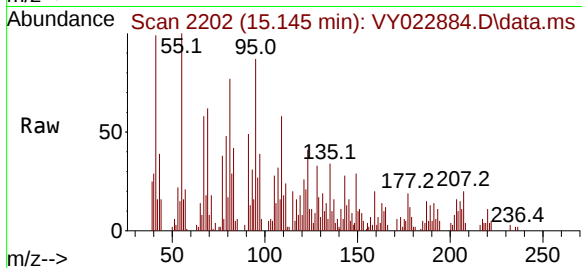
Tgt Ion:128 Resp: 1519

Ion Ratio Lower Upper

128 100

127 37.0 10.4 15.6#

129 81.2 8.9 13.3#



#96

1,2,3-Trichlorobenzene

Concen: 4.298 ug/l

RT: 15.316 min Scan# 2230

Delta R.T. -0.012 min

Lab File: VY022884.D

Acq: 30 Jun 2025 16:49

Tgt Ion:180 Resp: 357

Ion Ratio Lower Upper

180 100

182 0.0 47.1 141.3#

145 38.9 15.2 45.6

