

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101424\
 Data File : VY019890.D
 Acq On : 14 Oct 2024 14:31
 Operator : SY/MD
 Sample : P4397-01
 Misc : 6.24g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Oct 15 01:37:20 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 10 05:30:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	258268	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	523100	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	477257	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.347	152	164219	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	200812	63.148	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 126.300%	
35) Dibromofluoromethane	7.634	113	178738	51.780	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.560%	
50) Toluene-d8	10.109	98	645964	50.674	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 101.340%	
62) 4-Bromofluorobenzene	12.402	95	202166	43.892	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	= 87.780%	

Target Compounds				Qvalue		
11) Tert butyl alcohol	4.872	59	1389	4.662	ug/l #	87
13) Acrolein	3.647	56	809	3.462	ug/l #	15
16) Acetone	3.879	43	79461	95.989	ug/l #	84
17) Carbon Disulfide	4.110	76	32155	4.330	ug/l #	92
20) Methylene Chloride	4.610	84	9347	2.286	ug/l	87
22) Diisopropyl ether	6.031	45	14136	1.298	ug/l #	86
23) Vinyl Acetate	6.025	43	7871	1.261	ug/l #	67
25) 2-Butanone	6.903	43	31799	28.698	ug/l #	82
31) Cyclohexane	7.707	56	10422	1.961	ug/l #	62
36) 1,1-Dichloropropene	7.707	75	25181	5.063	ug/l #	48
37) Ethyl Acetate	6.903	43	31799	12.263	ug/l #	67
38) Carbon Tetrachloride	7.713	117	29173	5.472	ug/l #	14
39) Methylcyclohexane	9.116	83	18263	2.915	ug/l	88
48) Methyl methacrylate	9.164	41	4109	1.766	ug/l #	33
49) 1,4-Dioxane	9.238	88	692	30.041	ug/l #	97
51) 4-Methyl-2-Pentanone	10.103	43	6182	2.292	ug/l #	11
55) 1,1,2-Trichloroethane	10.542	97	12041	4.440	ug/l #	21
56) Ethyl methacrylate	10.445	69	5890	1.514	ug/l #	1
59) 2-Hexanone	10.725	43	36153	18.765	ug/l #	23
67) Ethyl Benzene	11.518	91	58733	2.962	ug/l	96
68) m/p-Xylenes	11.627	106	17656	2.411	ug/l	92
69) o-Xylene	11.950	106	47505	6.751	ug/l	94
73) Isopropylbenzene	12.255	105	192294	13.921	ug/l	97
74) N-amyl acetate	12.048	43	29169	7.973	ug/l #	51
75) 1,1,2,2-Tetrachloroethane	12.566	83	7185	2.927	ug/l #	43
76) 1,2,3-Trichloropropane	12.402	75	118323	36.780	ug/l #	100
77) Bromobenzene	12.615	156	4046	1.380	ug/l #	9
78) n-propylbenzene	12.591	91	44469	2.664	ug/l	96
80) 1,3,5-Trimethylbenzene	12.737	105	92114	8.257	ug/l	95
81) trans-1,4-Dichloro-2-b...	12.402	75	118323	148.459	ug/l #	16
82) 4-Chlorotoluene	12.737	91	12292	1.256	ug/l #	46
83) tert-Butylbenzene	13.042	119	31937	3.196	ug/l #	42
84) 1,2,4-Trimethylbenzene	13.042	105	288058	26.045	ug/l	96
85) sec-Butylbenzene	13.176	105	16043	1.074	ug/l #	59
86) p-Isopropyltoluene	13.292	119	112455	9.275	ug/l	93
89) n-Butylbenzene	13.584	91	118252	9.989	ug/l #	1

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :

Quant Time: Oct 15 01:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
Quant Title : SW846 8260
QLast Update : Thu Oct 10 05:30:07 2024
Response via : Initial Calibration

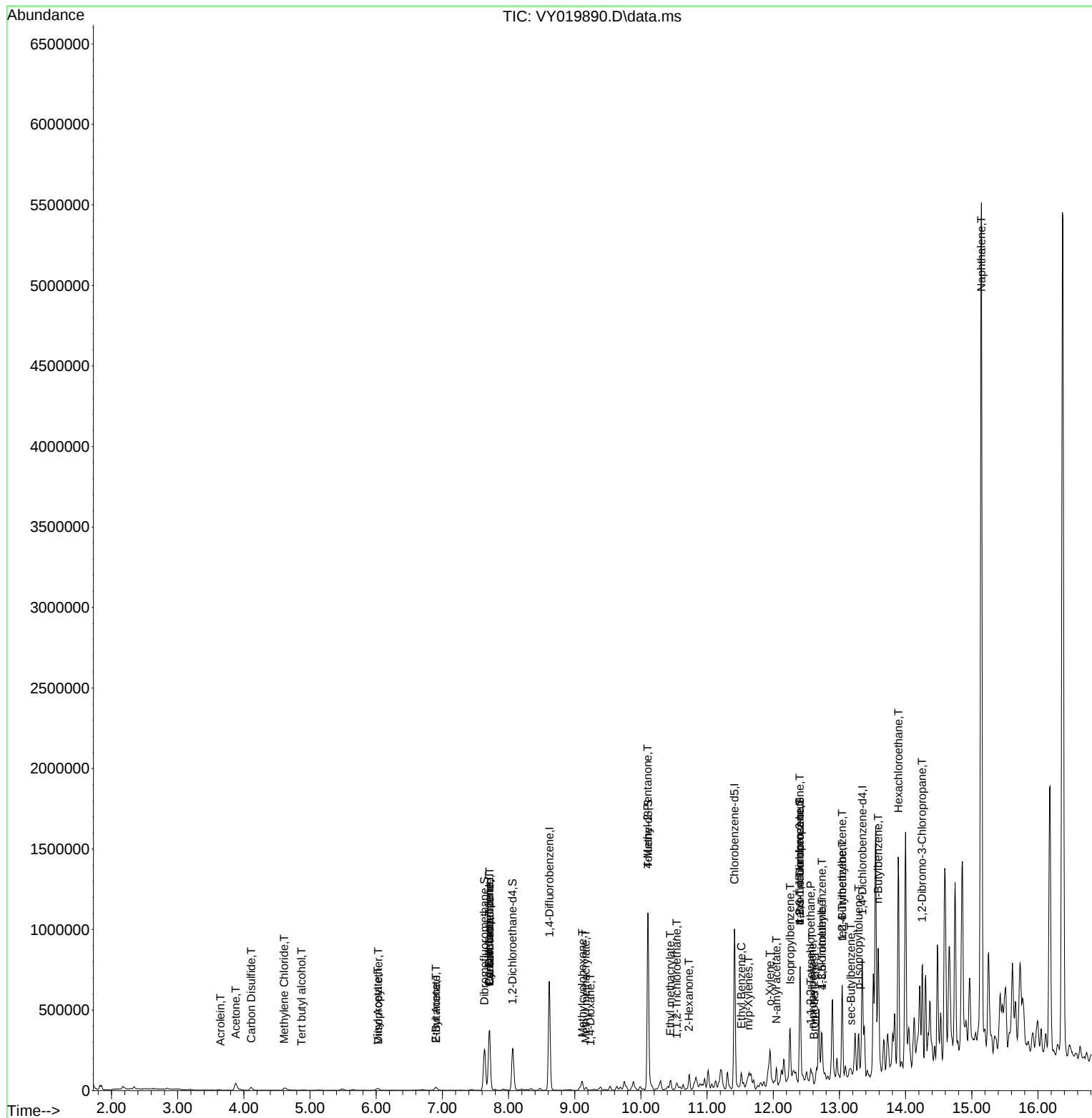
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
90) Hexachloroethane	13.889	117	60792	25.750	ug/l #	12
92) 1,2-Dibromo-3-Chloropr...	14.249	75	2748	7.015	ug/l #	1
95) Naphthalene	15.145	128	3938046	715.931	ug/l	99

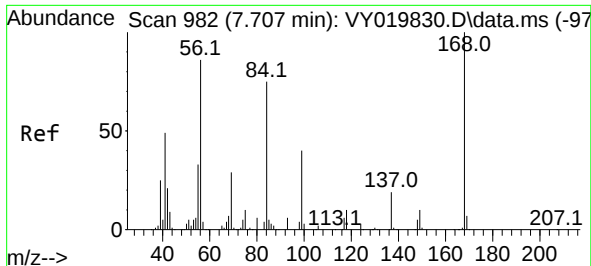
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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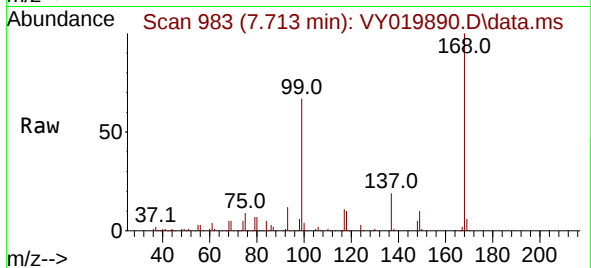
Quant Time: Oct 15 01:37:20 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100924S.M
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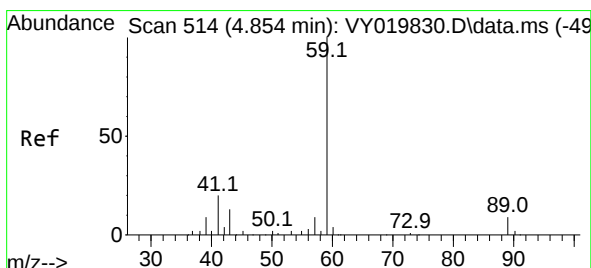
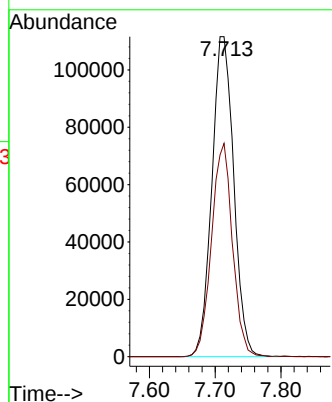
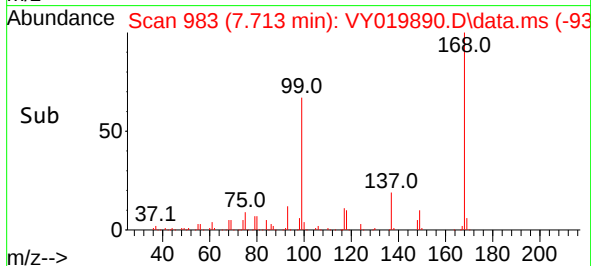


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

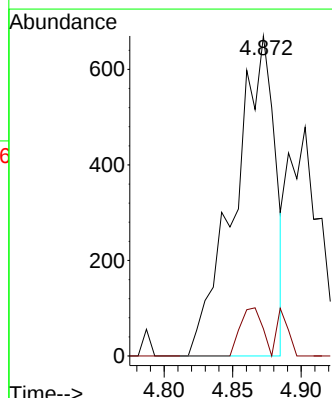
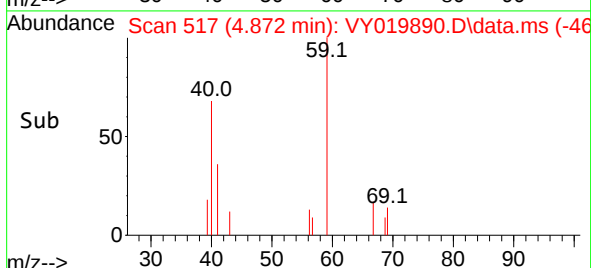
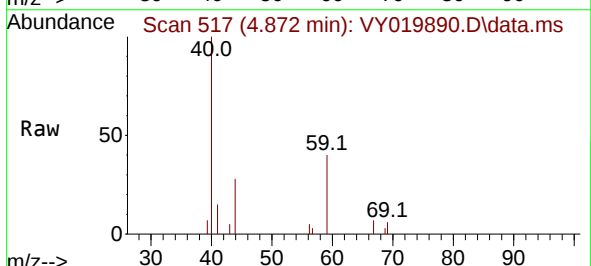


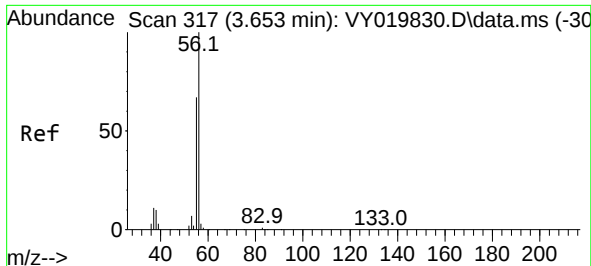
Tgt Ion:168 Resp: 258268
Ion Ratio Lower Upper
168 100
99 66.7 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.662 ug/l
RT: 4.872 min Scan# 517
Delta R.T. 0.013 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 59 Resp: 1389
Ion Ratio Lower Upper
59 100
57 8.1 3.0 4.6#





#13

Acrolein

Concen: 3.462 ug/l

RT: 3.647 min Scan# 317

Delta R.T. -0.006 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

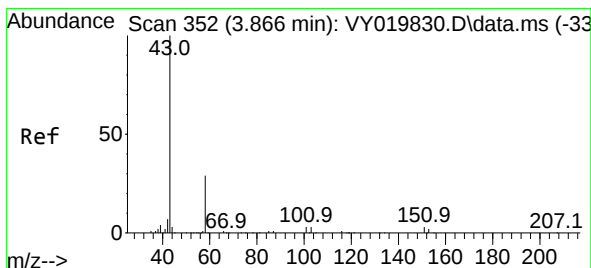
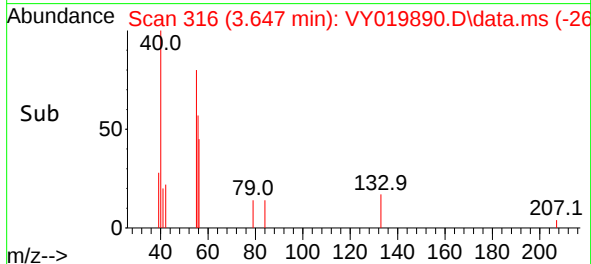
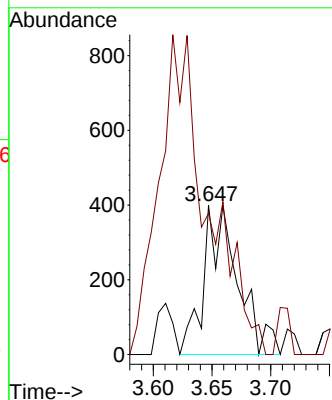
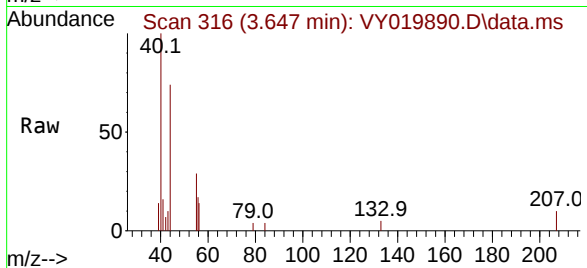
ClientSampleId :

Tgt Ion: 56 Resp: 809

Ion Ratio Lower Upper

56 100

55 0.0 55.7 83.5#



#16

Acetone

Concen: 95.989 ug/l

RT: 3.879 min Scan# 354

Delta R.T. 0.006 min

Lab File: VY019890.D

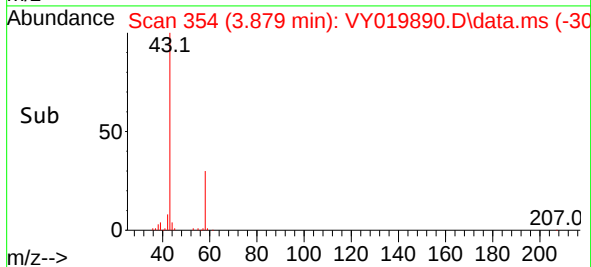
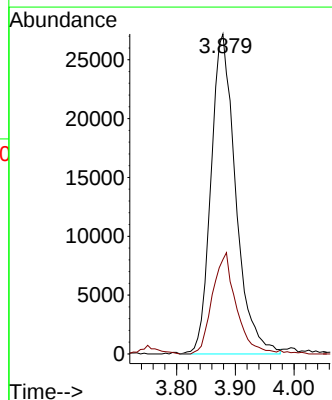
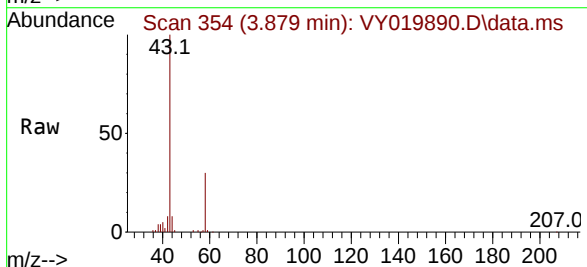
Acq: 14 Oct 2024 14:31

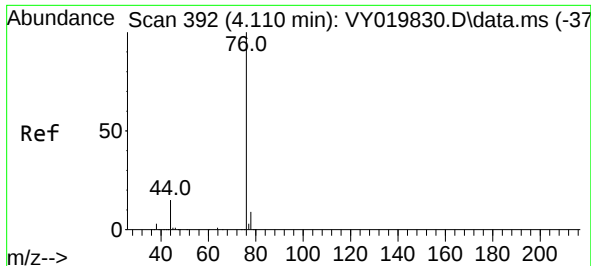
Tgt Ion: 43 Resp: 79461

Ion Ratio Lower Upper

43 100

58 29.5 31.7 47.5#

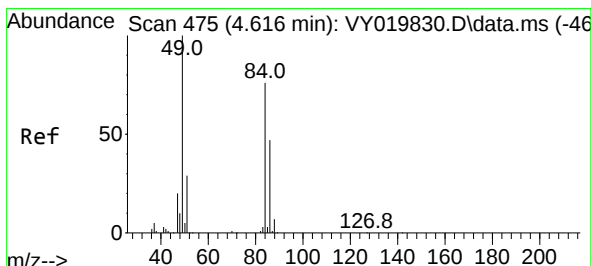
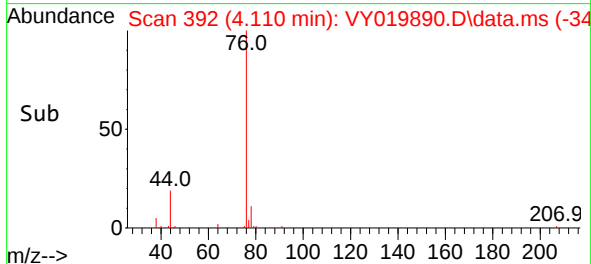
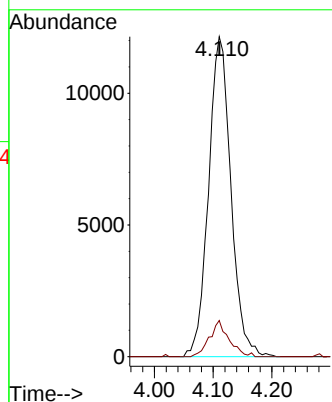
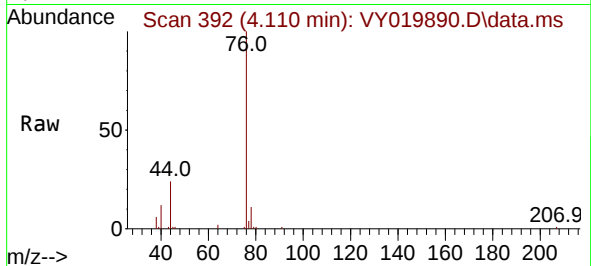




#17
Carbon Disulfide
Concen: 4.330 ug/l
RT: 4.110 min Scan# 392
Delta R.T. 0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

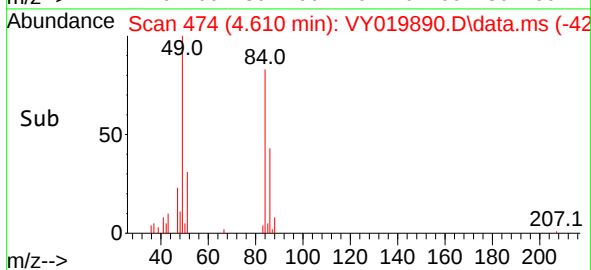
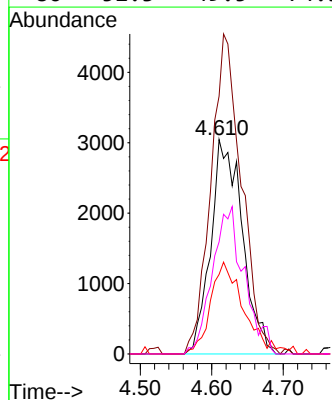
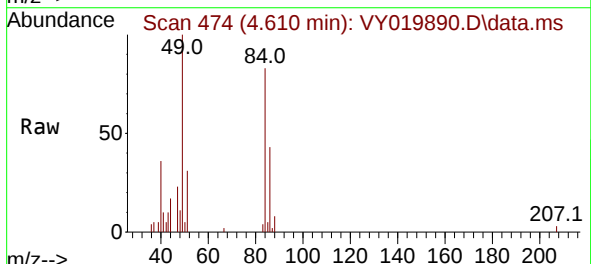
Instrument :
MSVOA_Y
ClientSampleId :

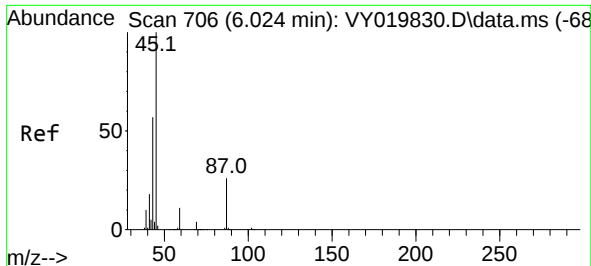
Tgt Ion: 76 Resp: 32155
Ion Ratio Lower Upper
76 100
78 11.3 6.8 10.2#



#20
Methylene Chloride
Concen: 2.286 ug/l
RT: 4.610 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

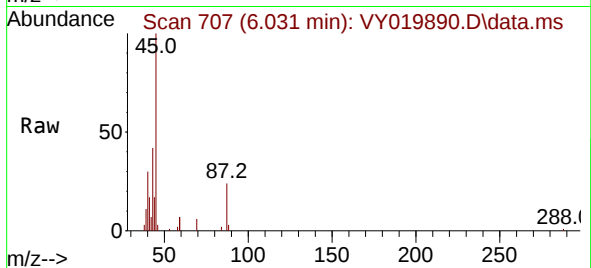
Tgt Ion: 84 Resp: 9347
Ion Ratio Lower Upper
84 100
49 120.2 84.4 126.6
51 37.1 26.0 39.0
86 52.3 49.5 74.3



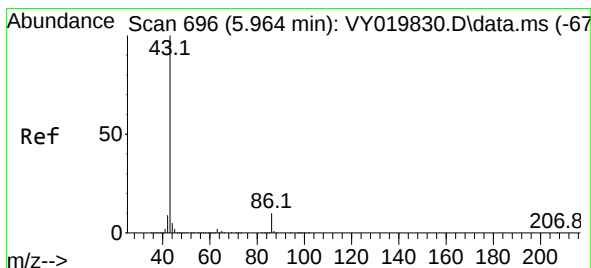
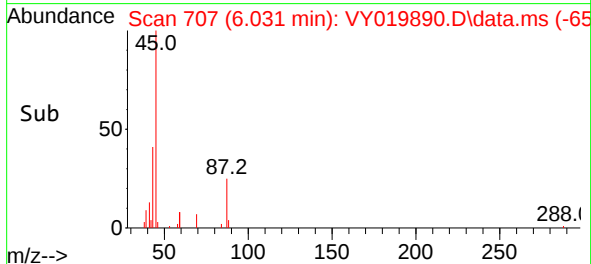
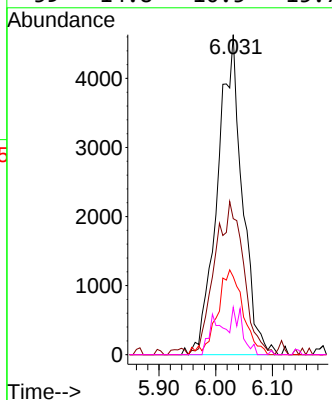


#22
Diisopropyl ether
Concen: 1.298 ug/l
RT: 6.031 min Scan# 706
Delta R.T. 0.013 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :

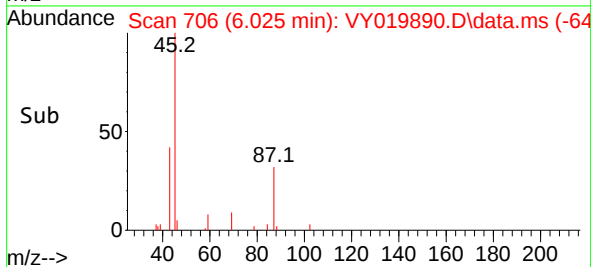
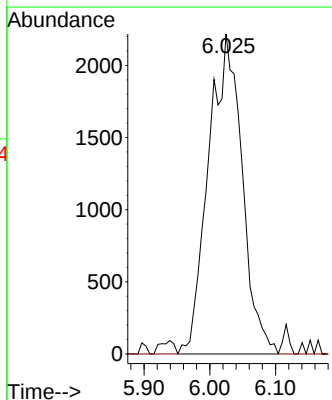
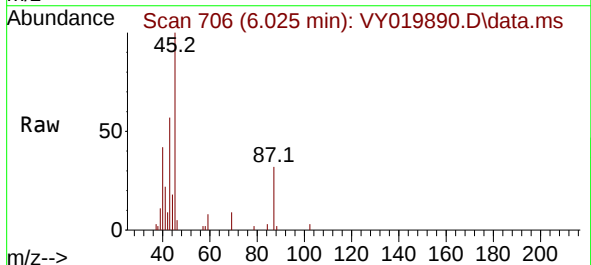


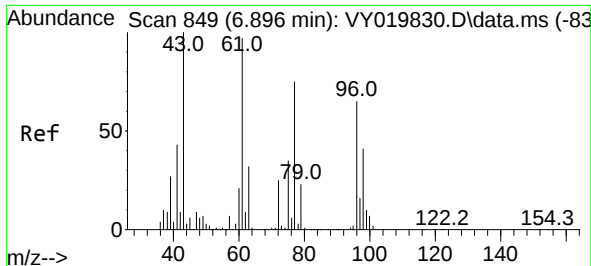
Tgt Ion:	45	Resp:	14136
Ion	Ratio	Lower	Upper
45	100		
43	41.0	42.2	63.2#
87	24.4	25.0	37.6#
59	14.8	10.5	15.7



#23
Vinyl Acetate
Concen: 1.261 ug/l
RT: 6.025 min Scan# 706
Delta R.T. 0.067 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion:	43	Resp:	7871
Ion	Ratio	Lower	Upper
43	100		
86	0.0	10.6	16.0#

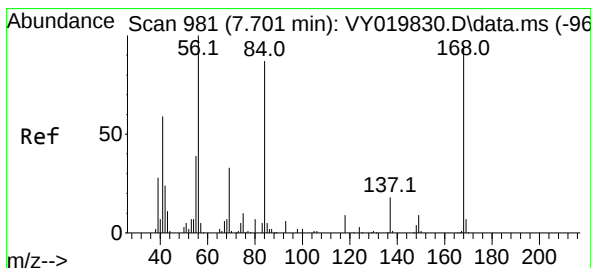
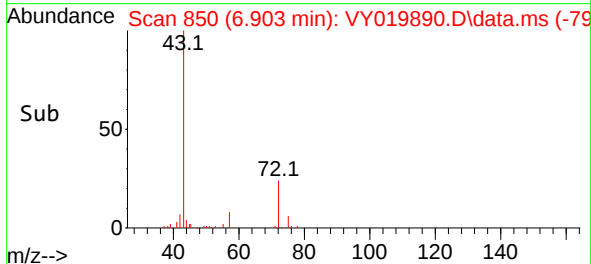
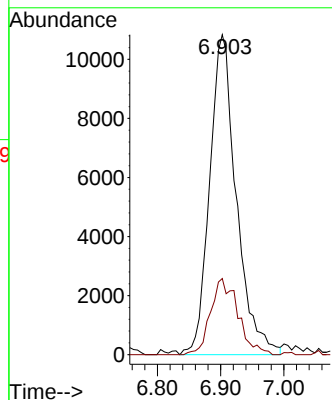
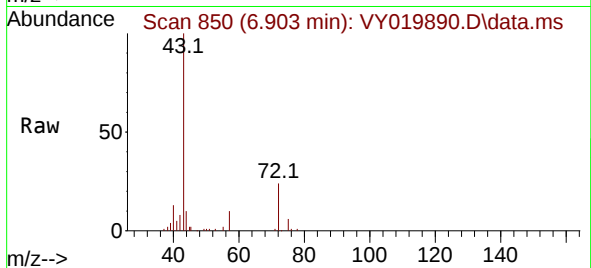




#25
2-Butanone
Concen: 28.698 ug/l
RT: 6.903 min Scan# 81
Delta R.T. 0.013 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

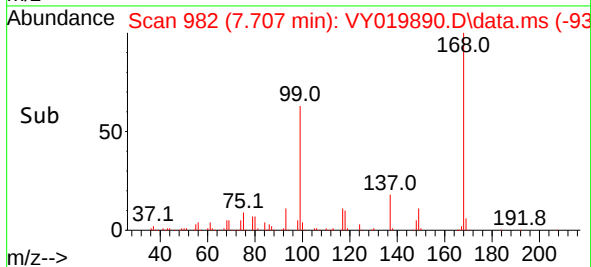
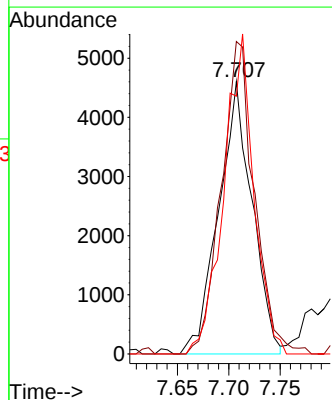
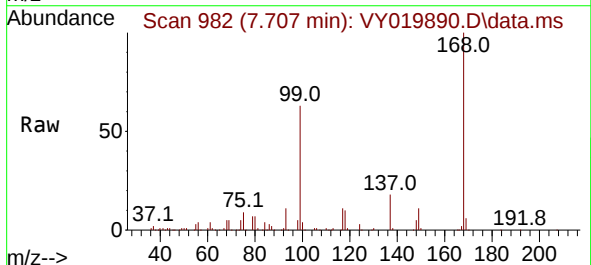
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MSVOA_Y
ClientSampleId :

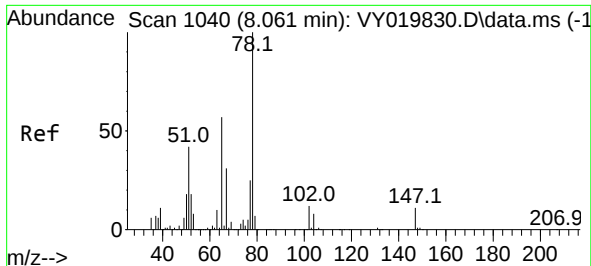
Tgt Ion: 43 Resp: 31799
Ion Ratio Lower Upper
43 100
72 23.8 27.3 40.9#



#31
Cyclohexane
Concen: 1.961 ug/l
RT: 7.707 min Scan# 982
Delta R.T. 0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 56 Resp: 10422
Ion Ratio Lower Upper
56 100
69 114.8 28.7 43.1#
84 94.7 77.7 116.5





#33

1,2-Dichloroethane-d4

Concen: 63.148 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

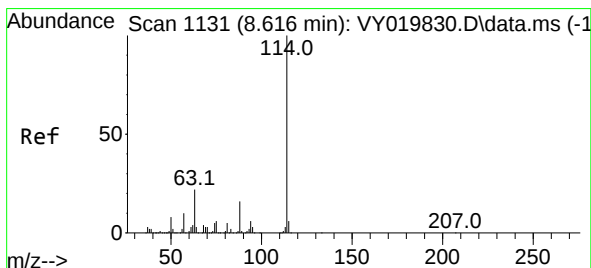
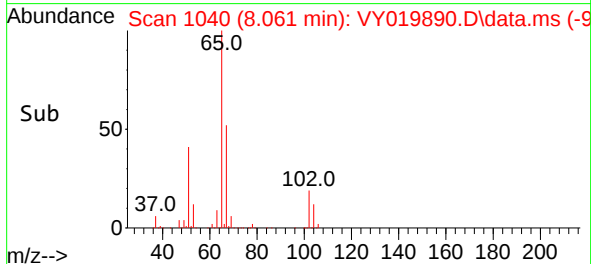
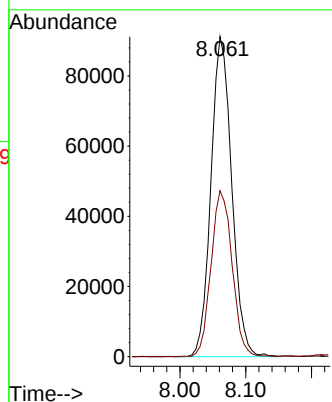
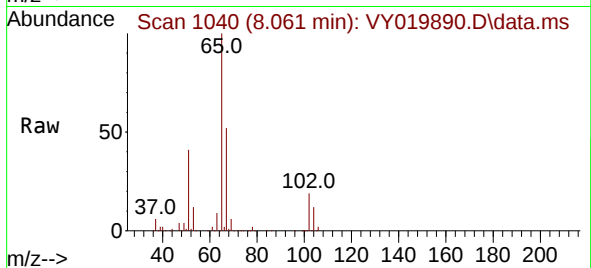
ClientSampleId :

Tgt Ion: 65 Resp: 200812

Ion Ratio Lower Upper

65 100

67 52.6 0.0 109.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.616 min Scan# 1131

Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

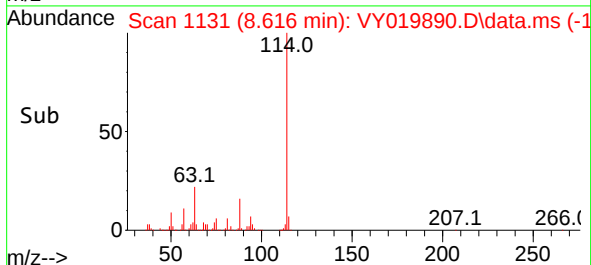
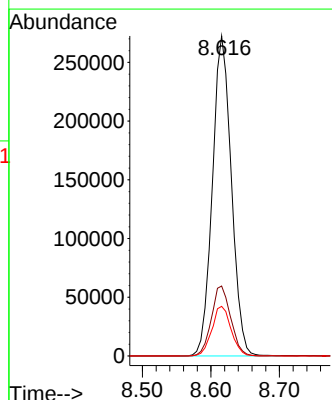
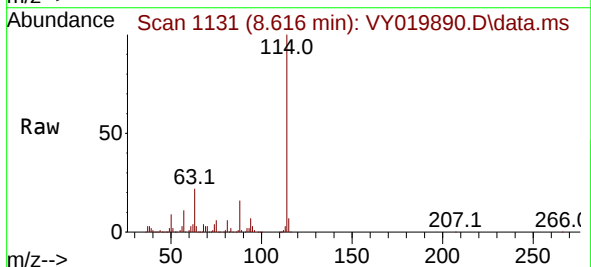
Tgt Ion: 114 Resp: 523100

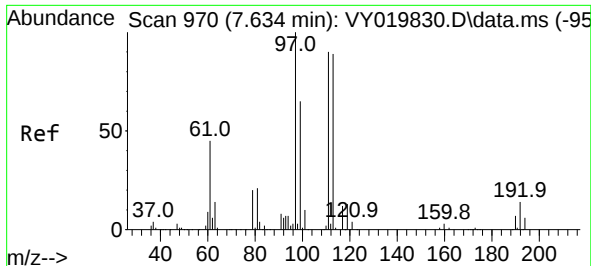
Ion Ratio Lower Upper

114 100

63 21.9 0.0 35.0

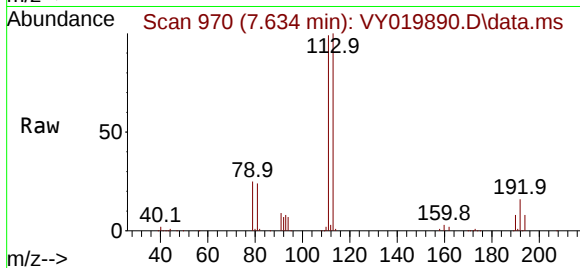
88 15.5 0.0 27.2



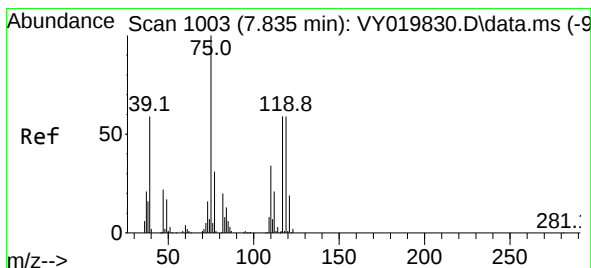
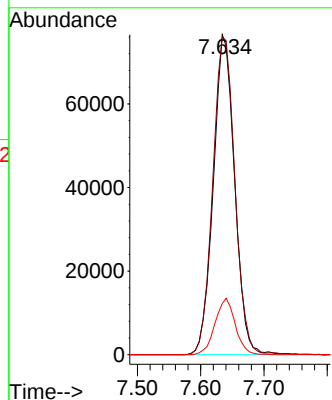
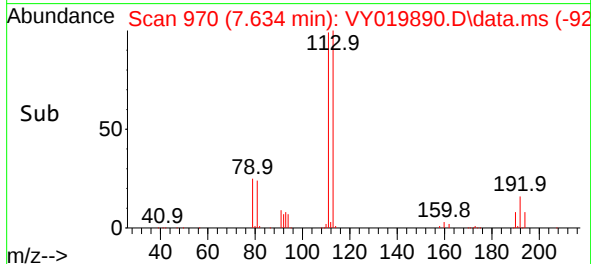


#35
Dibromofluoromethane
Concen: 51.780 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

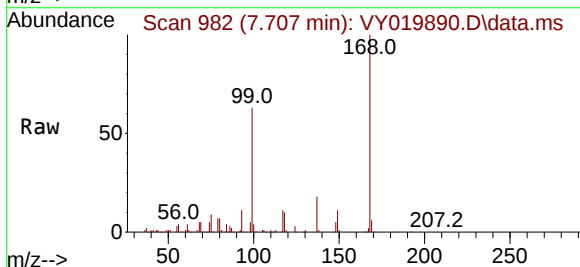
Instrument :
MSVOA_Y
ClientSampleId :



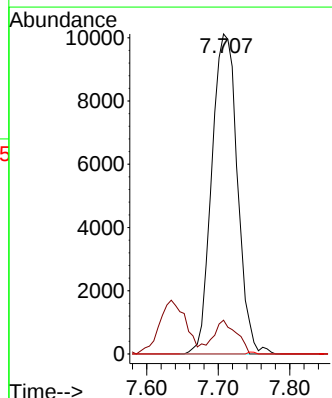
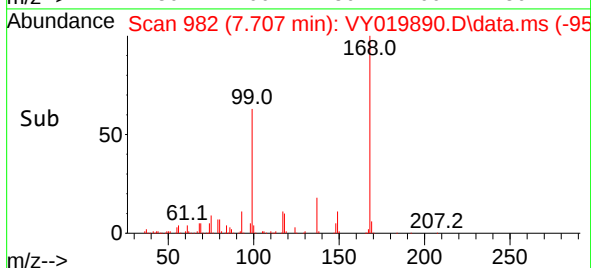
Tgt Ion:113 Resp: 178738
Ion Ratio Lower Upper
113 100
111 103.1 82.2 123.4
192 16.7 15.9 23.9

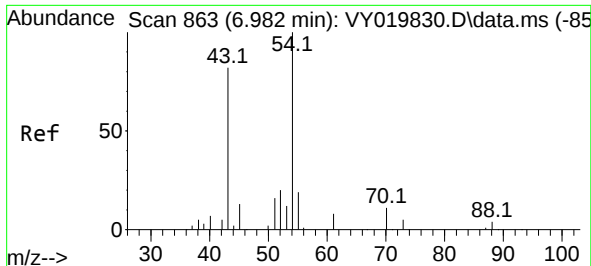


#36
1,1-Dichloropropene
Concen: 5.063 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31



Tgt Ion: 75 Resp: 25181
Ion Ratio Lower Upper
75 100
110 9.0 19.0 57.0#
77 0.0 25.3 37.9#

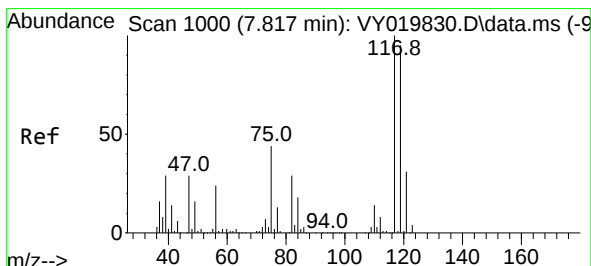
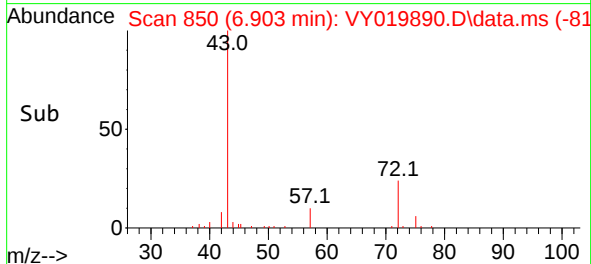
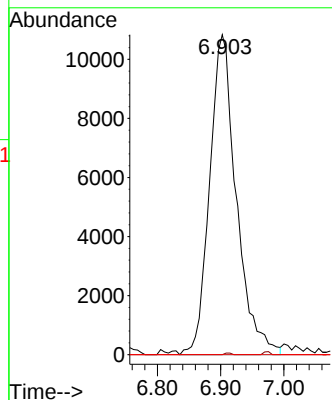
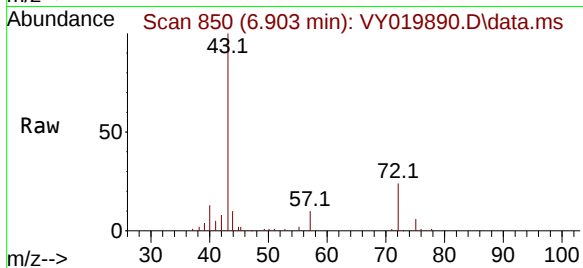




#37
Ethyl Acetate
Concen: 12.263 ug/l
RT: 6.903 min Scan# 81
Delta R.T. -0.079 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

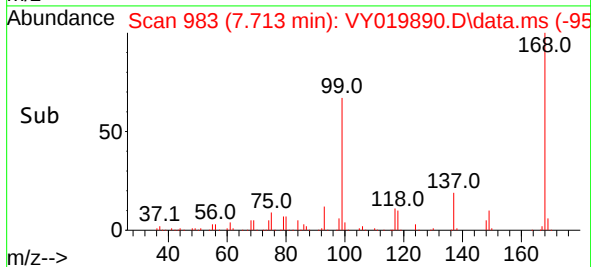
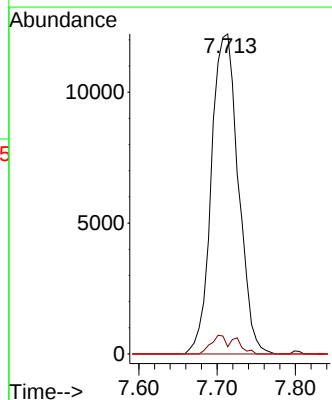
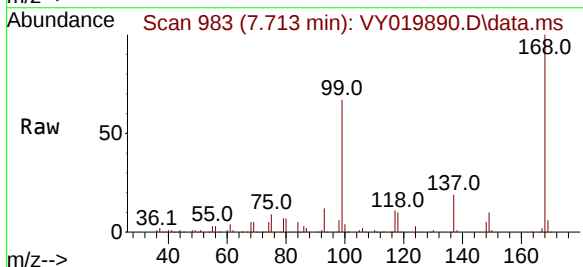
Instrument :
MSVOA_Y
ClientSampleId :

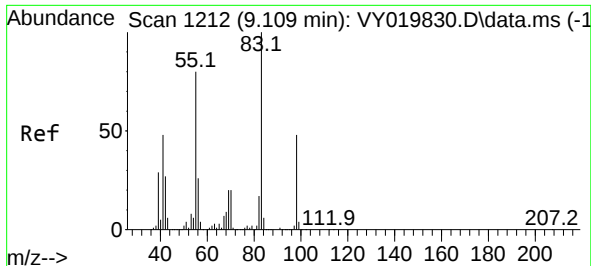
Tgt Ion: 43 Resp: 31799
Ion Ratio Lower Upper
43 100
61 0.1 12.6 19.0#
70 0.0 7.8 11.8#



#38
Carbon Tetrachloride
Concen: 5.472 ug/l
RT: 7.713 min Scan# 983
Delta R.T. -0.103 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 117 Resp: 29173
Ion Ratio Lower Upper
117 100
119 2.3 75.8 113.6#
121 0.0 24.0 36.0#





#39

Methylcyclohexane

Concen: 2.915 ug/l

RT: 9.116 min Scan# 11

Delta R.T. 0.007 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

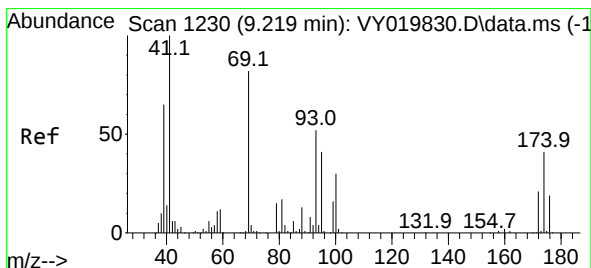
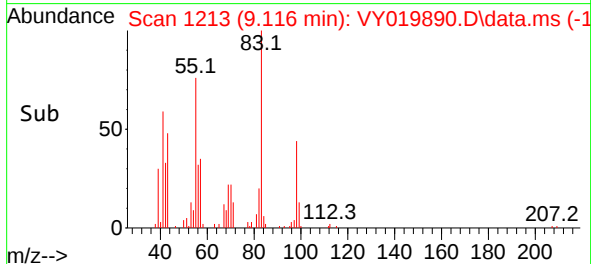
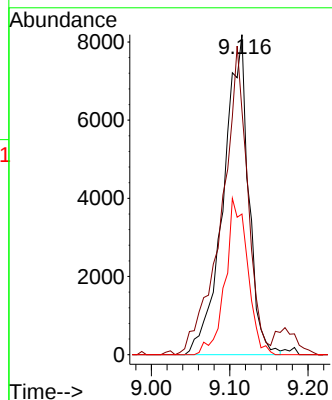
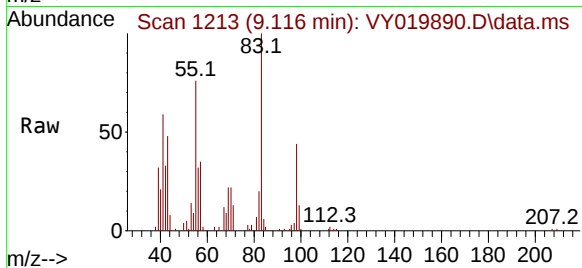
Tgt Ion: 83 Resp: 18263

Ion Ratio Lower Upper

83 100

55 75.6 51.5 77.3

98 43.9 40.5 60.7



#48

Methyl methacrylate

Concen: 1.766 ug/l

RT: 9.164 min Scan# 1221

Delta R.T. -0.054 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

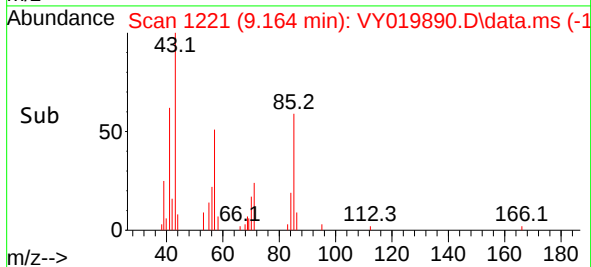
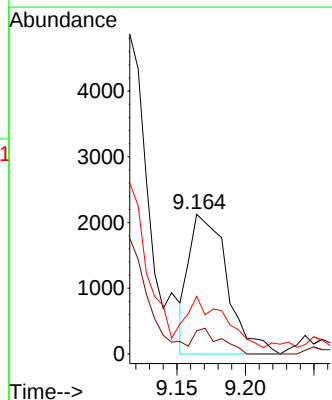
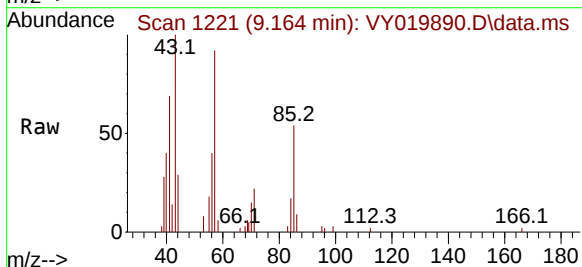
Tgt Ion: 41 Resp: 4109

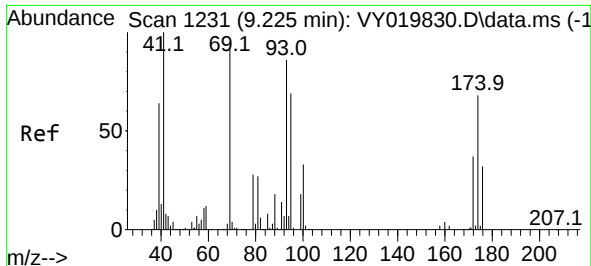
Ion Ratio Lower Upper

41 100

69 12.7 84.1 126.1#

39 38.7 43.6 65.4#





#49

1,4-Dioxane

Concen: 30.041 ug/l

RT: 9.238 min Scan# 11

Delta R.T. 0.007 min

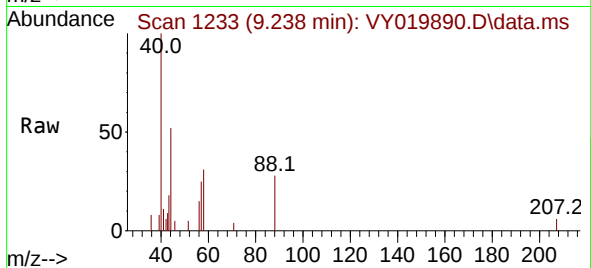
Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

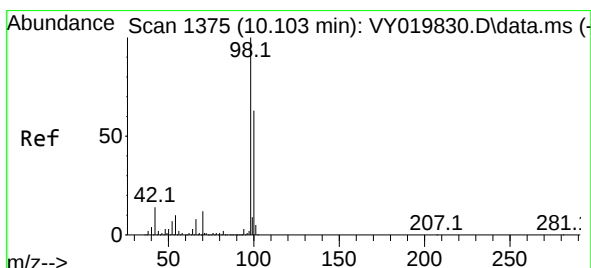
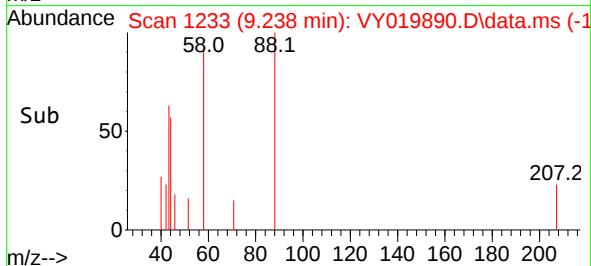
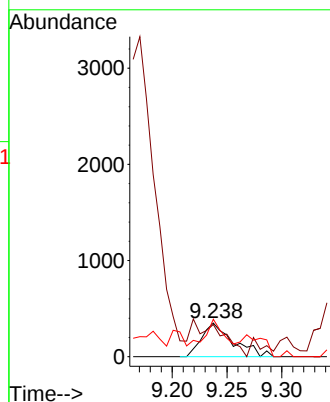
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	88	Resp:	692
Ion Ratio	Lower	Upper	
88	100		
43	0.0	0.0	0.0
58	64.2	49.3	73.9



#50

Toluene-d8

Concen: 50.674 ug/l

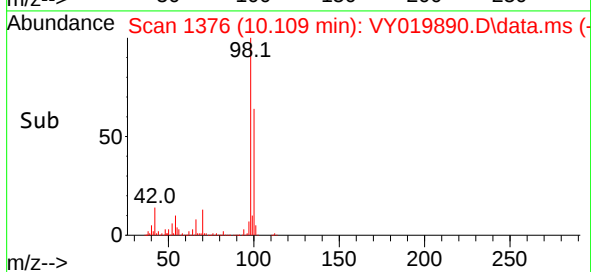
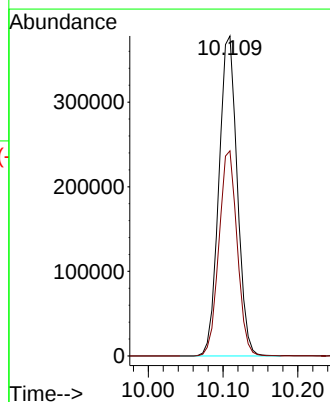
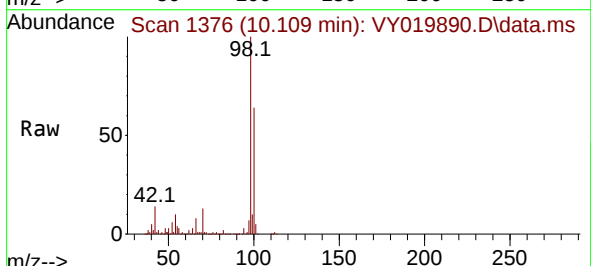
RT: 10.109 min Scan# 1376

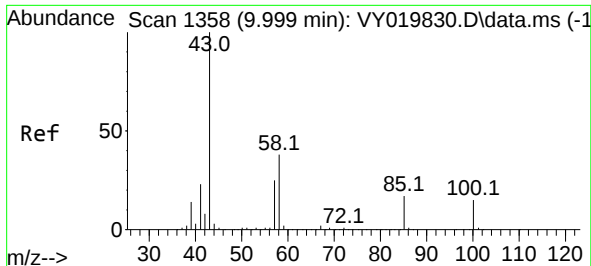
Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Tgt Ion:	98	Resp:	645964
Ion Ratio	Lower	Upper	
98	100		
100	63.8	52.0	78.0

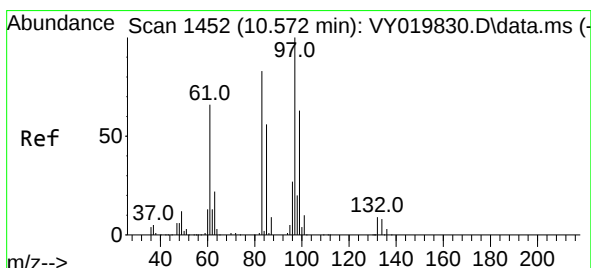
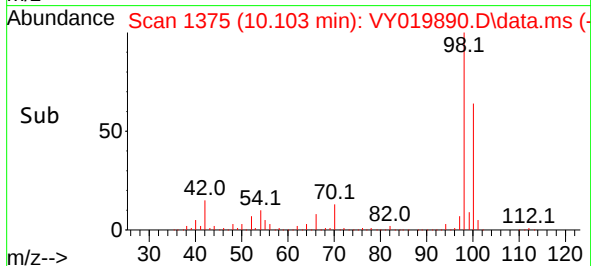
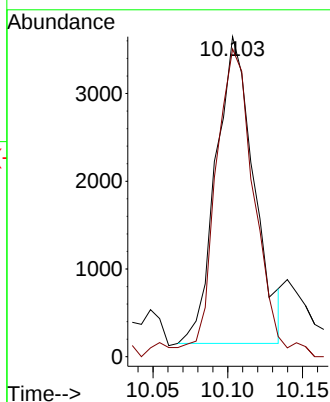
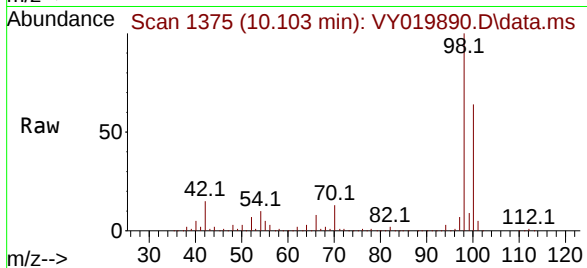




#51
4-Methyl-2-Pentanone
Concen: 2.292 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

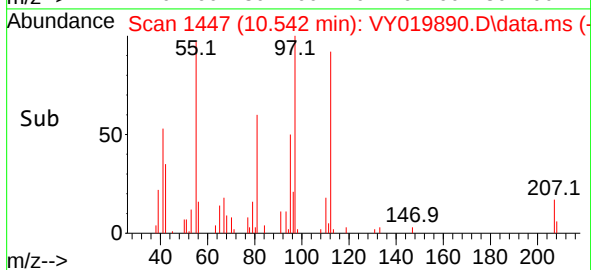
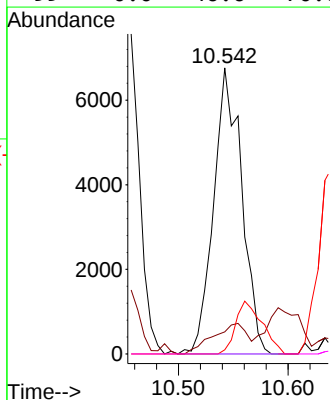
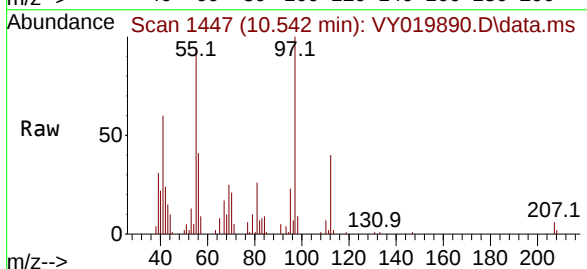
Instrument :
MSVOA_Y
ClientSampleId :

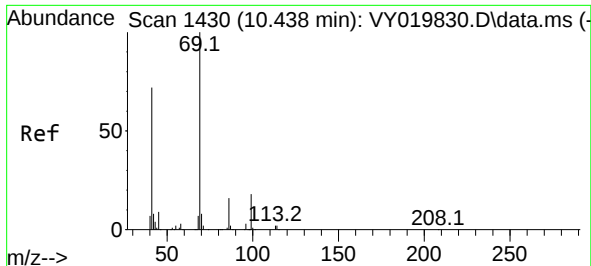
Tgt Ion: 43 Resp: 6182
Ion Ratio Lower Upper
43 100
58 102.3 35.7 53.5#



#55
1,1,2-Trichloroethane
Concen: 4.440 ug/l
RT: 10.542 min Scan# 1447
Delta R.T. -0.030 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 97 Resp: 12041
Ion Ratio Lower Upper
97 100
83 7.7 67.5 101.3#
85 1.5 42.9 64.3#
99 0.0 46.6 70.0#

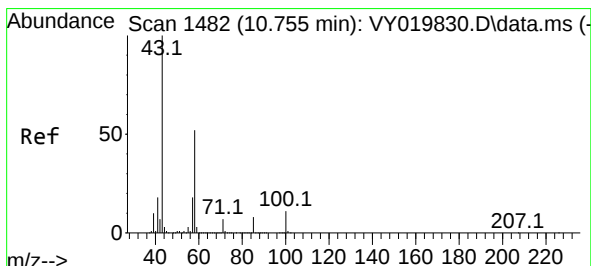
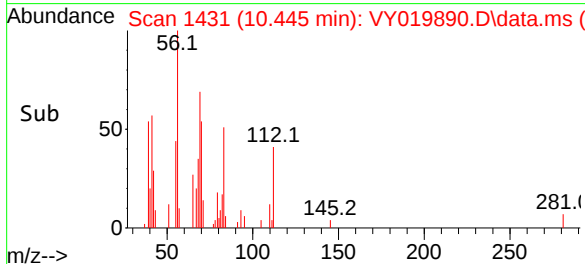
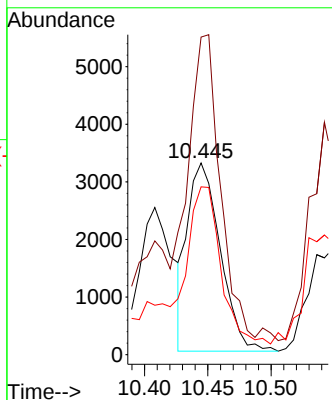
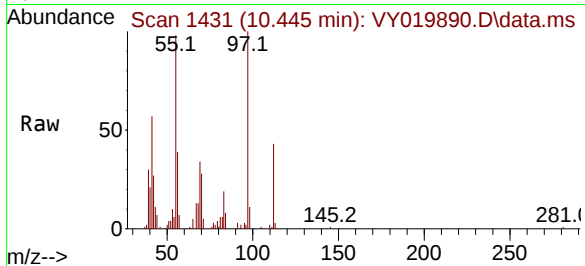




#56
Ethyl methacrylate
Concen: 1.514 ug/l
RT: 10.445 min Scan# 1430
Delta R.T. 0.007 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

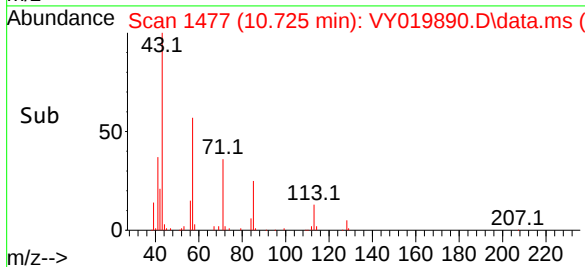
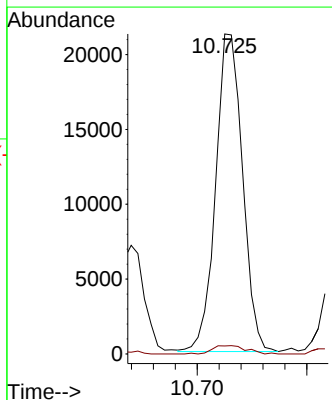
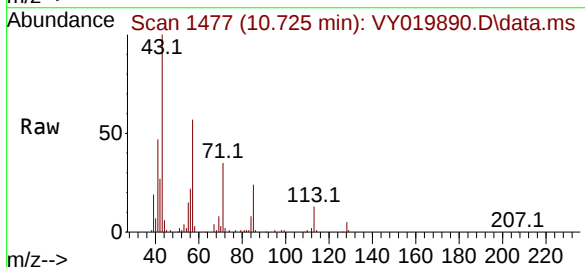
Instrument :
MSVOA_Y
ClientSampleId :

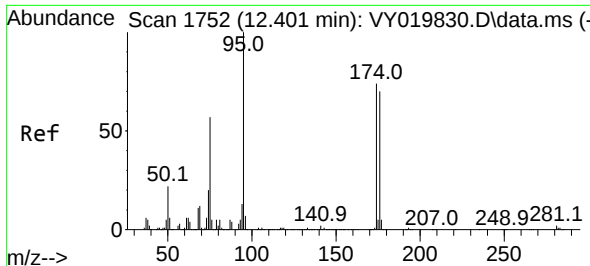
Tgt Ion: 69 Resp: 5890
Ion Ratio Lower Upper
69 100
41 158.0 42.3 63.5#
39 84.6 22.9 34.3#



#59
2-Hexanone
Concen: 18.765 ug/l
RT: 10.725 min Scan# 1477
Delta R.T. -0.036 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 43 Resp: 36153
Ion Ratio Lower Upper
43 100
58 3.4 31.4 94.0#

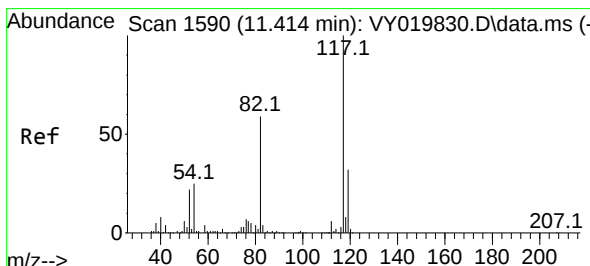
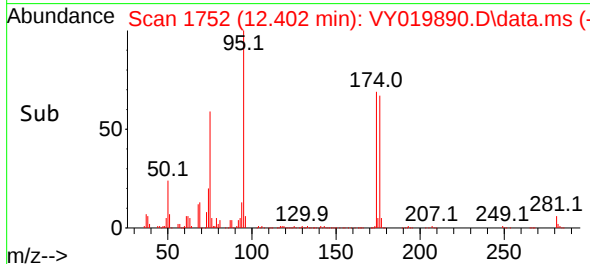
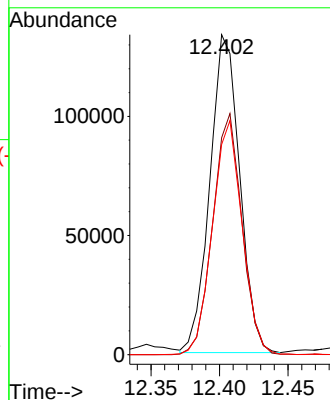
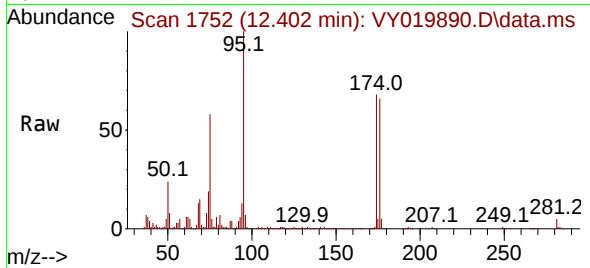




#62
4-Bromofluorobenzene
Concen: 43.892 ug/l
RT: 12.402 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

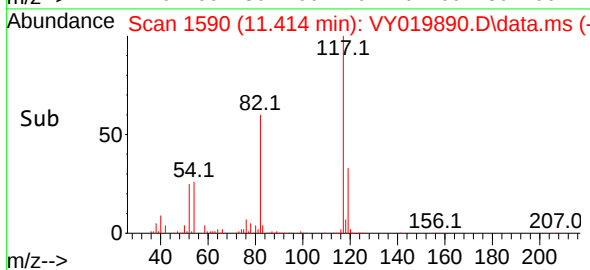
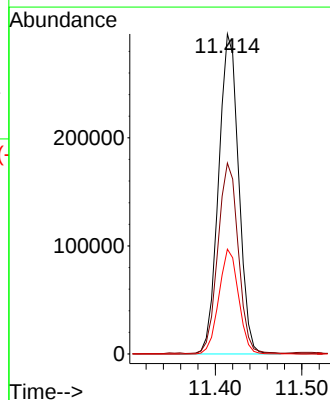
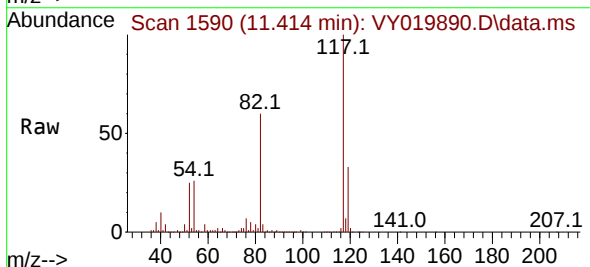
Instrument :
MSVOA_Y
ClientSampleId :

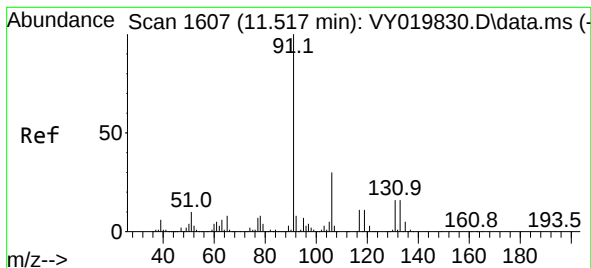
Tgt Ion: 95 Resp: 202166
Ion Ratio Lower Upper
95 100
174 74.5 0.0 175.6
176 73.4 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 117 Resp: 477257
Ion Ratio Lower Upper
117 100
82 59.4 42.4 63.6
119 32.8 25.9 38.9





#67

Ethyl Benzene

Concen: 2.962 ug/l

RT: 11.518 min Scan# 1607

Delta R.T. -0.006 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

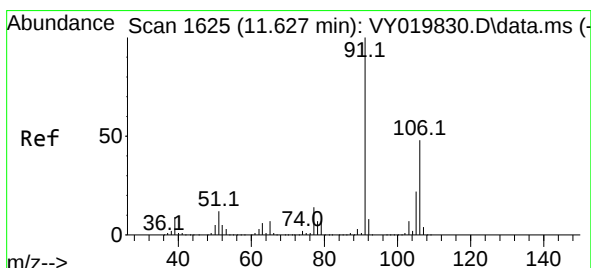
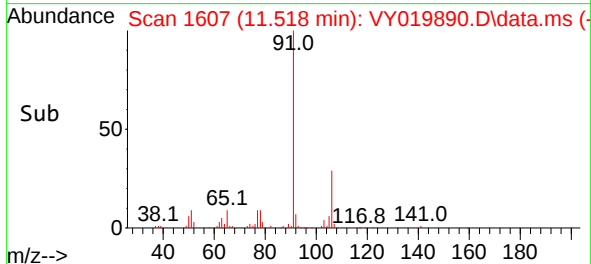
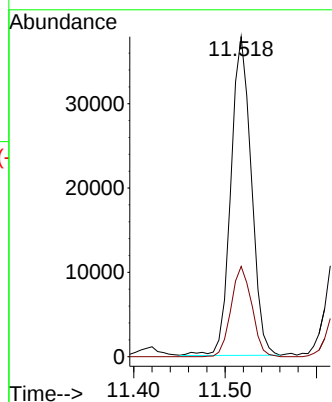
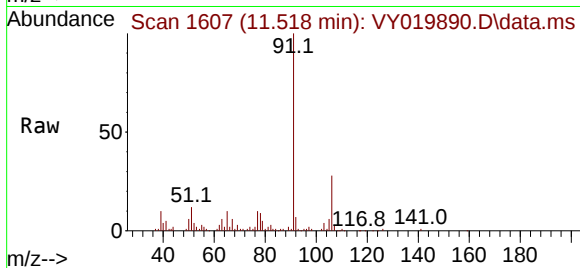
ClientSampleId :

Tgt Ion: 91 Resp: 58733

Ion Ratio Lower Upper

91 100

106 28.3 24.5 36.7



#68

m/p-Xylenes

Concen: 2.411 ug/l

RT: 11.627 min Scan# 1625

Delta R.T. -0.006 min

Lab File: VY019890.D

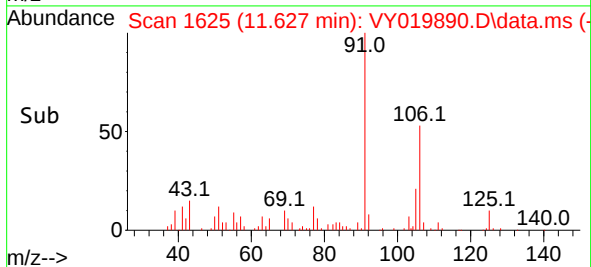
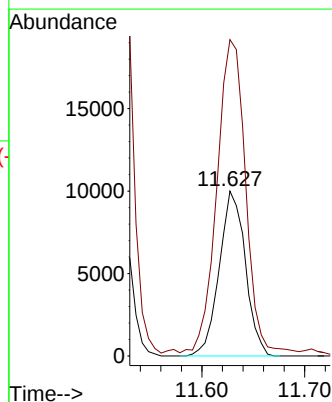
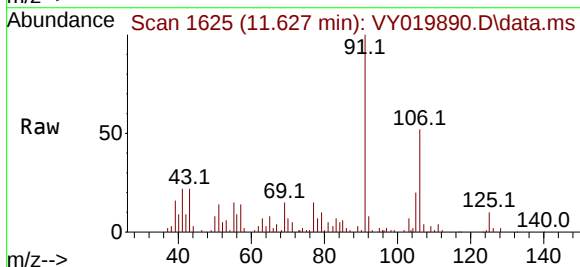
Acq: 14 Oct 2024 14:31

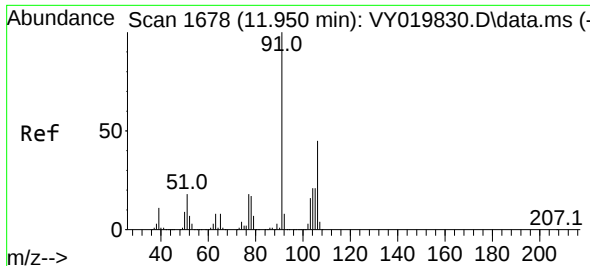
Tgt Ion: 106 Resp: 17656

Ion Ratio Lower Upper

106 100

91 206.5 156.0 234.0

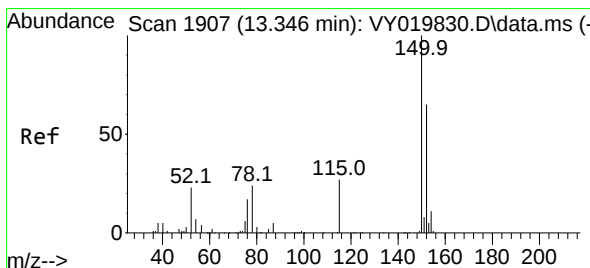
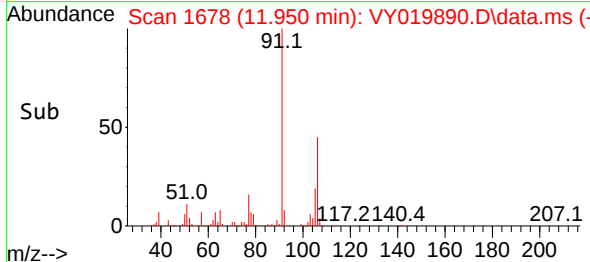
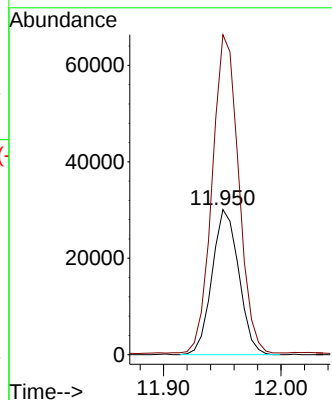
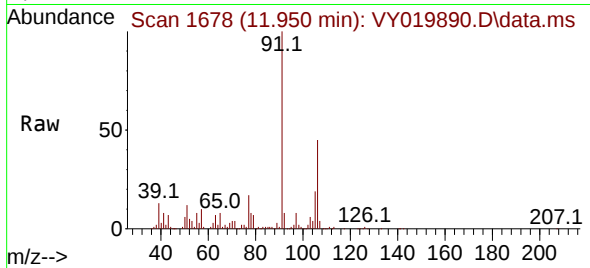




#69
o-Xylene
Concen: 6.751 ug/l
RT: 11.950 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

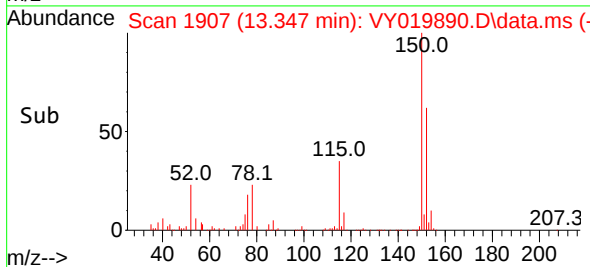
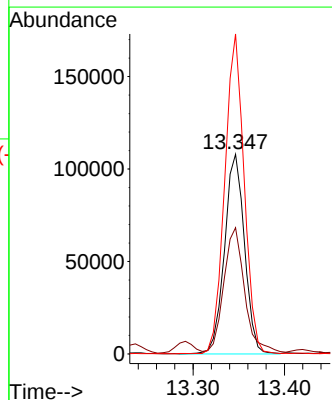
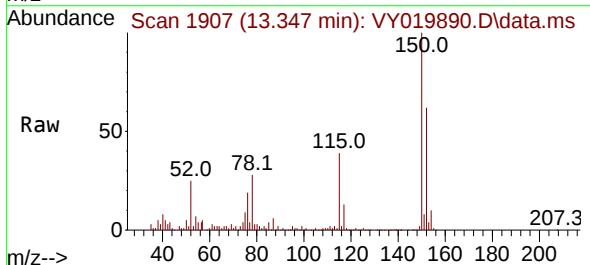
Instrument :
MSVOA_Y
ClientSampleId :

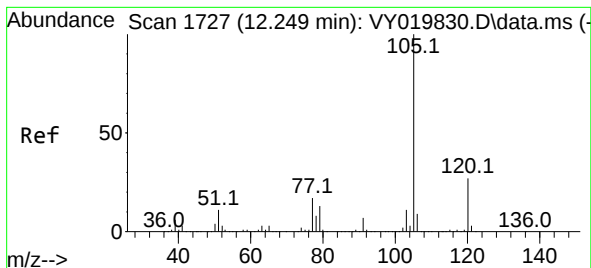
Tgt Ion:106 Resp: 47505
Ion Ratio Lower Upper
106 100
91 217.1 103.6 310.8



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.347 min Scan# 1907
Delta R.T. 0.000 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion:152 Resp: 164219
Ion Ratio Lower Upper
152 100
115 64.8 28.2 84.7
150 154.9 0.0 345.6





#73

Isopropylbenzene

Concen: 13.921 ug/l

RT: 12.255 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

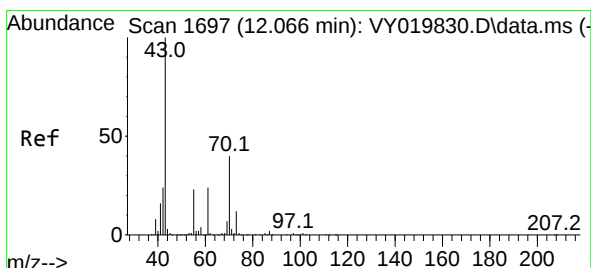
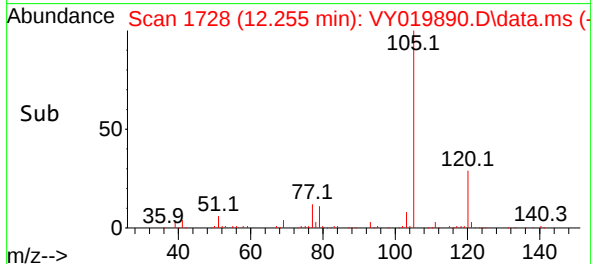
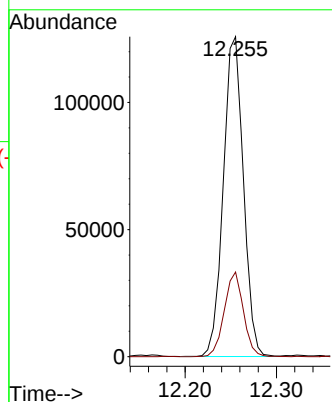
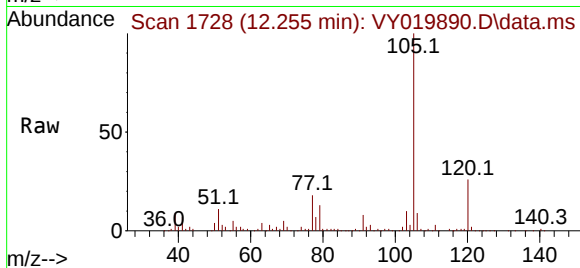
ClientSampleId :

Tgt Ion:105 Resp: 192294

Ion Ratio Lower Upper

105 100

120 25.1 13.4 40.1



#74

N-ethyl acetate

Concen: 7.973 ug/l

RT: 12.048 min Scan# 1694

Delta R.T. -0.024 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Tgt Ion: 43 Resp: 29169

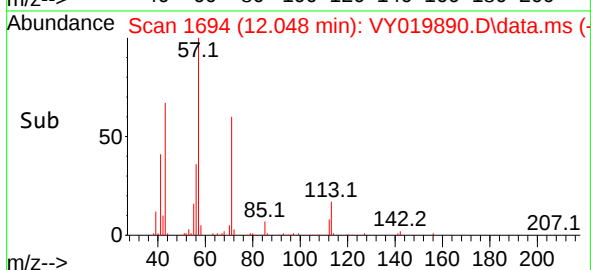
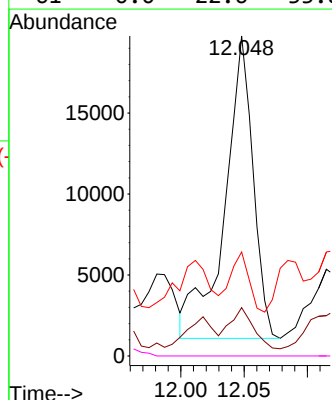
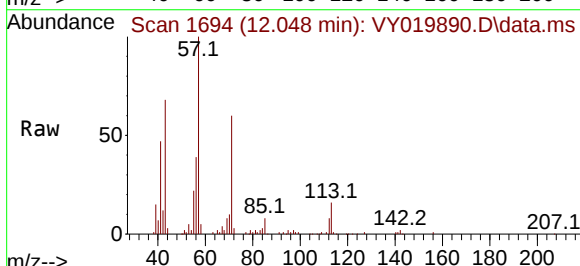
Ion Ratio Lower Upper

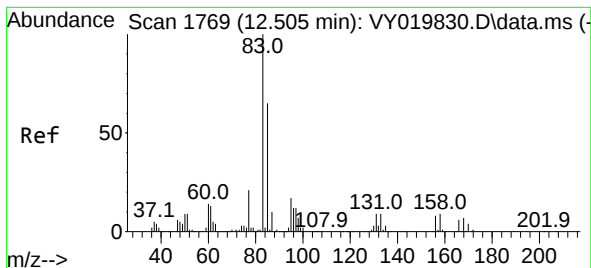
43 100

70 11.2 41.4 62.2#

55 13.6 23.3 34.9#

61 0.0 22.6 33.8#





#75

1,1,2,2-Tetrachloroethane

Concen: 2.927 ug/l

RT: 12.566 min Scan# 1779

Delta R.T. 0.055 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

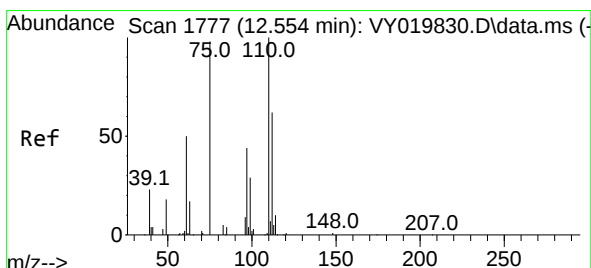
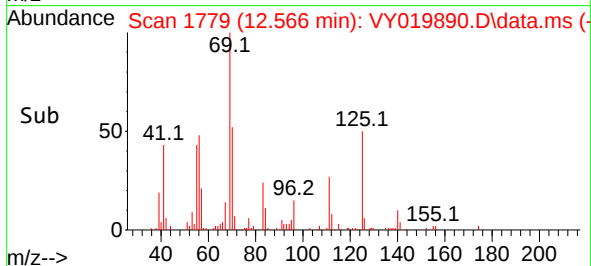
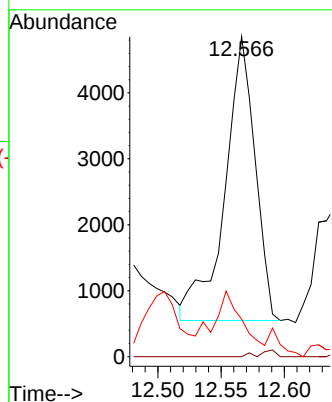
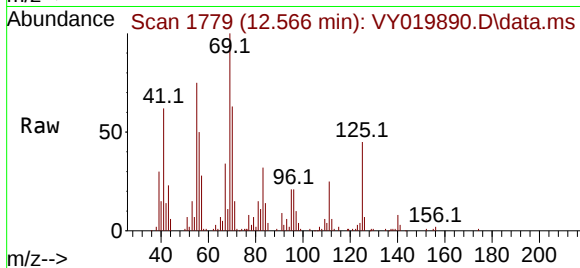
Tgt Ion: 83 Resp: 7185

Ion Ratio Lower Upper

83 100

131 0.0 5.0 14.9#

85 15.4 32.0 96.0#



#76

1,2,3-Trichloropropane

Concen: 36.780 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. -0.158 min

Lab File: VY019890.D

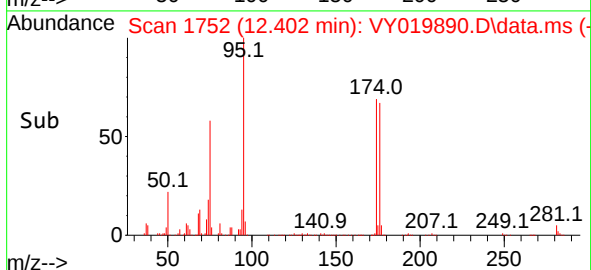
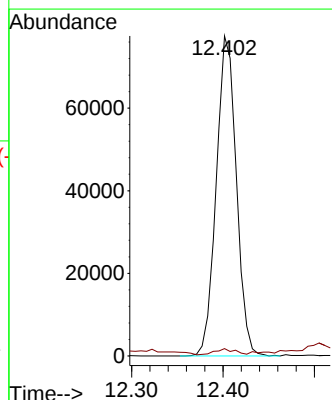
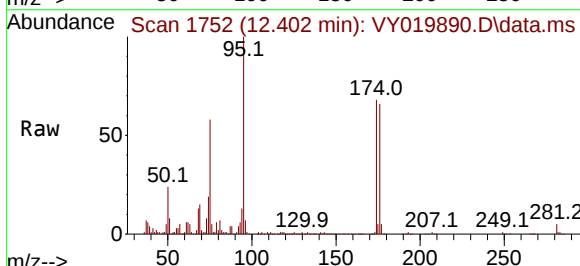
Acq: 14 Oct 2024 14:31

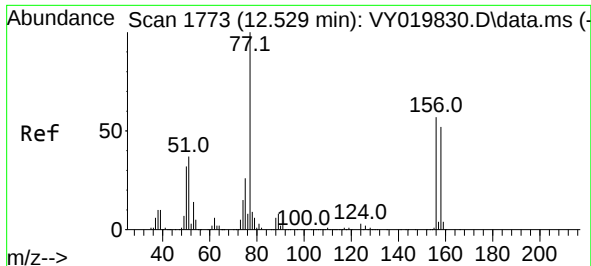
Tgt Ion: 75 Resp: 118323

Ion Ratio Lower Upper

75 100

77 1.9 0.0 0.0#

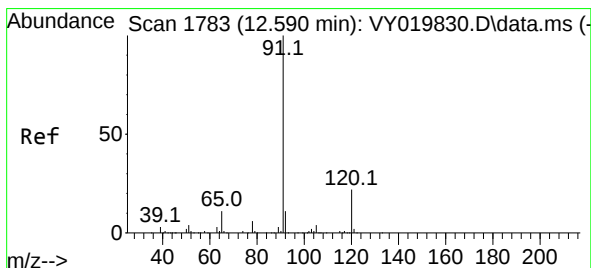
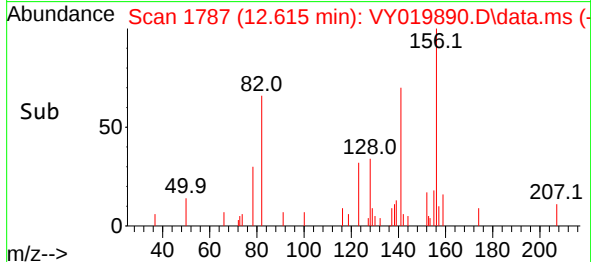
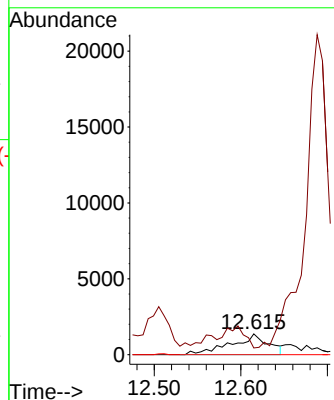
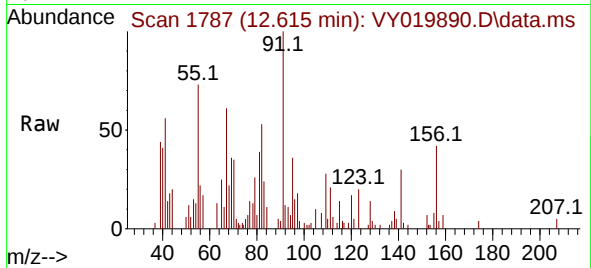




#77
Bromobenzene
Concen: 1.380 ug/l
RT: 12.615 min Scan# 1787
Delta R.T. 0.080 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

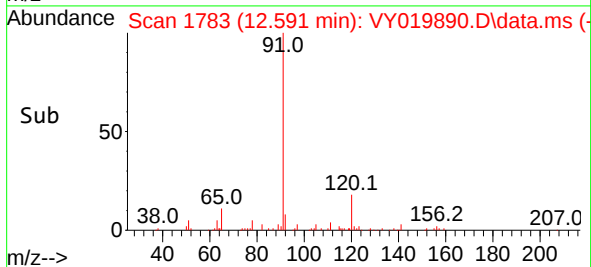
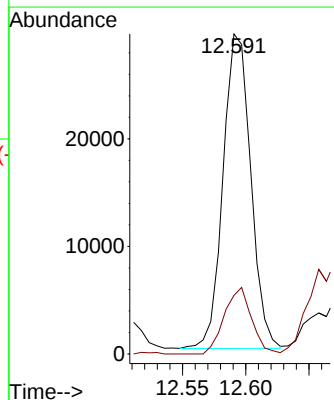
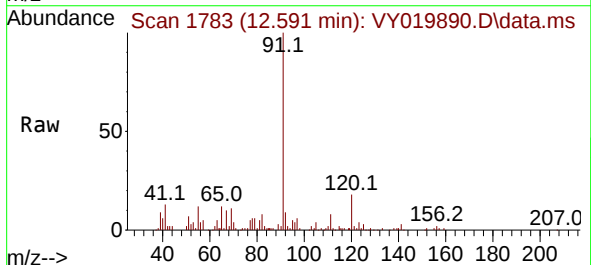
Instrument :
MSVOA_Y
ClientSampleId :

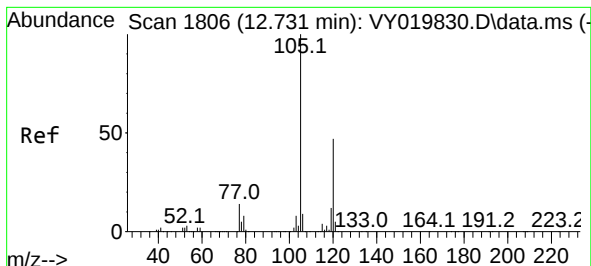
Tgt Ion:156 Resp: 4046
Ion Ratio Lower Upper
156 100
77 52.7 87.1 261.3#
158 0.0 48.6 145.9#



#78
n-propylbenzene
Concen: 2.664 ug/l
RT: 12.591 min Scan# 1783
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion: 91 Resp: 44469
Ion Ratio Lower Upper
91 100
120 20.7 11.5 34.4





#80

1,3,5-Trimethylbenzene

Concen: 8.257 ug/l

RT: 12.737 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

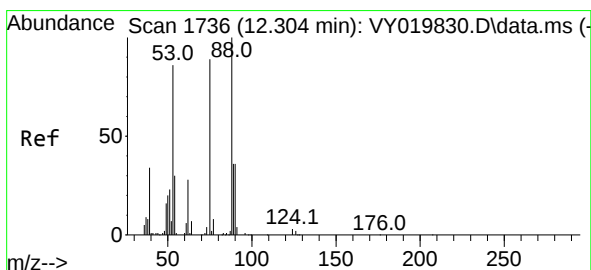
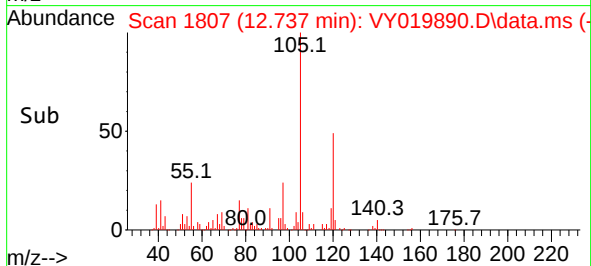
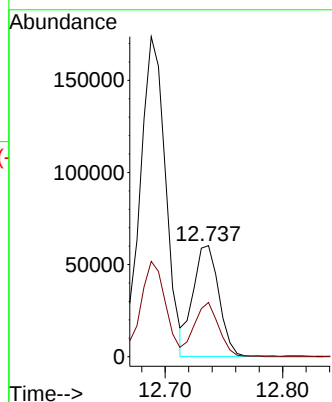
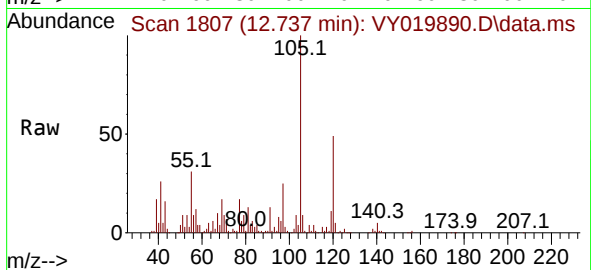
ClientSampleId :

Tgt Ion:105 Resp: 92114

Ion Ratio Lower Upper

105 100

120 46.5 25.1 75.2



#81

trans-1,4-Dichloro-2-butene

Concen: 148.459 ug/l

RT: 12.402 min Scan# 1752

Delta R.T. 0.098 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

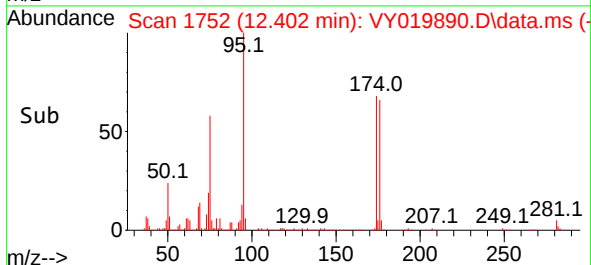
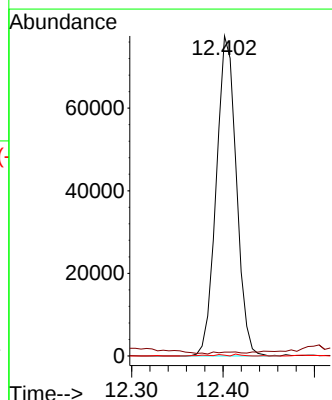
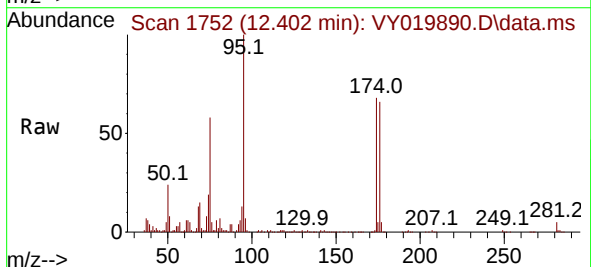
Tgt Ion: 75 Resp: 118323

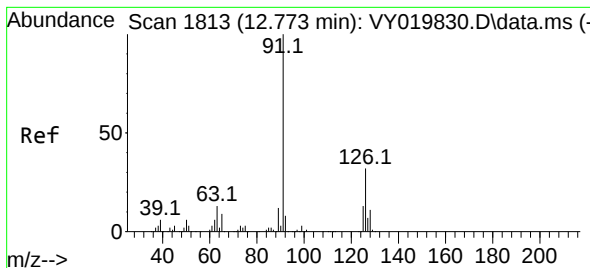
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.3 35.8 53.6#





#82

4-Chlorotoluene

Concen: 1.256 ug/l

RT: 12.737 min Scan# 1813

Delta R.T. -0.042 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

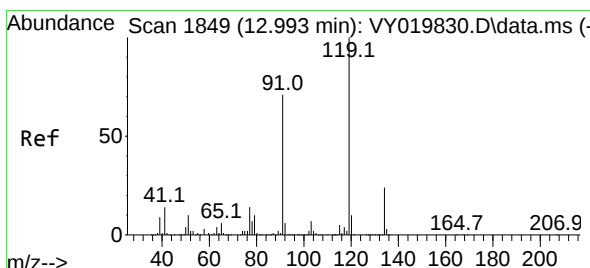
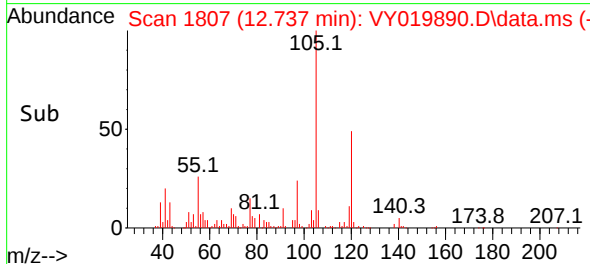
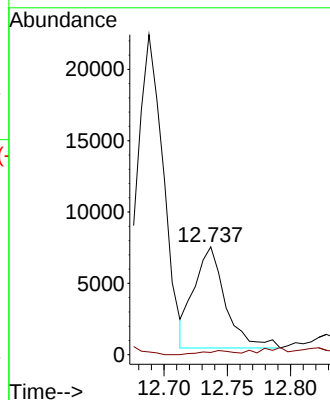
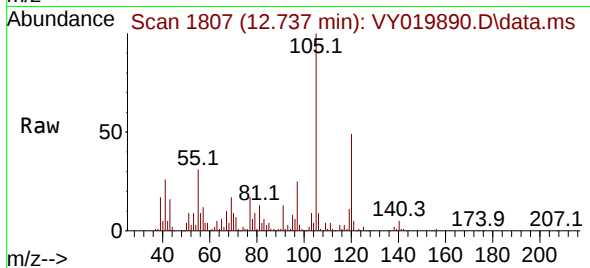
ClientSampleId :

Tgt Ion: 91 Resp: 12292

Ion Ratio Lower Upper

91 100

126 3.9 17.6 52.9#



#83

tert-Butylbenzene

Concen: 3.196 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. 0.043 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

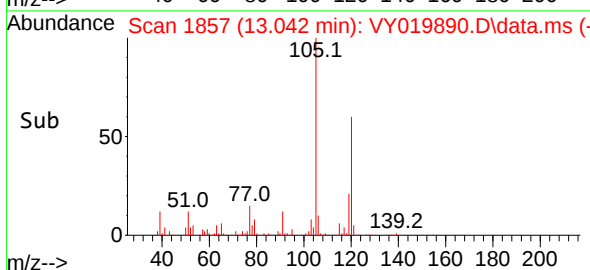
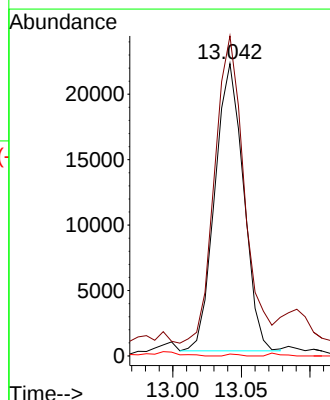
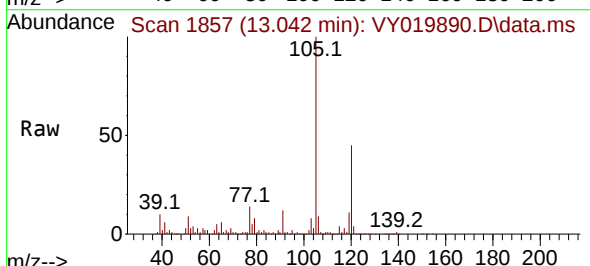
Tgt Ion: 119 Resp: 31937

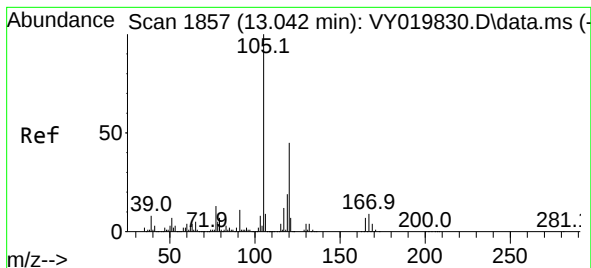
Ion Ratio Lower Upper

119 100

91 109.2 31.3 93.8#

134 0.0 13.4 40.1#

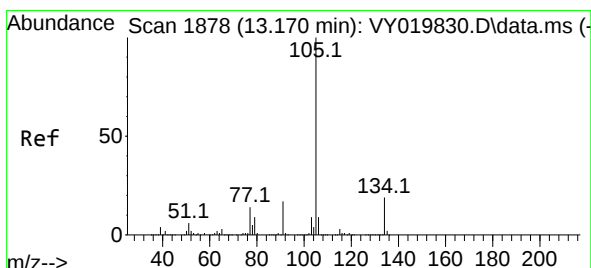
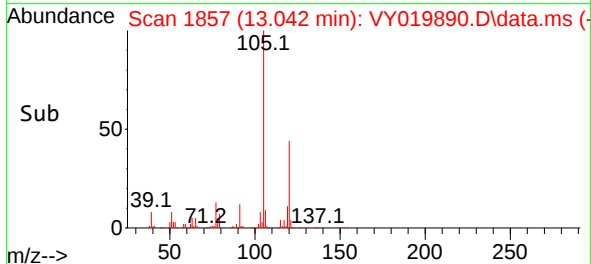
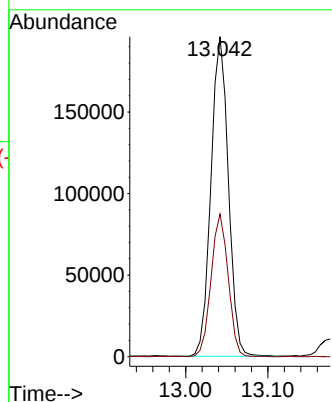
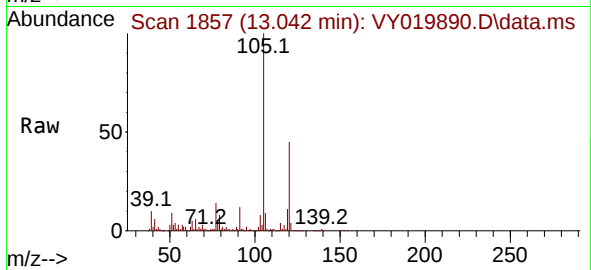




#84
1,2,4-Trimethylbenzene
Concen: 26.045 ug/l
RT: 13.042 min Scan# 1857
Delta R.T. -0.006 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

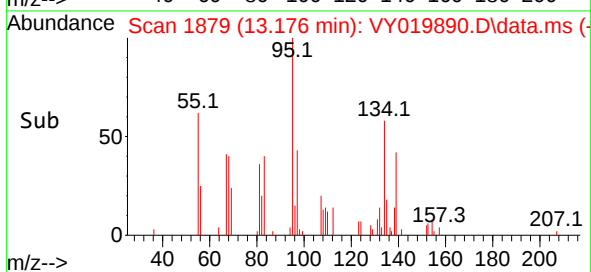
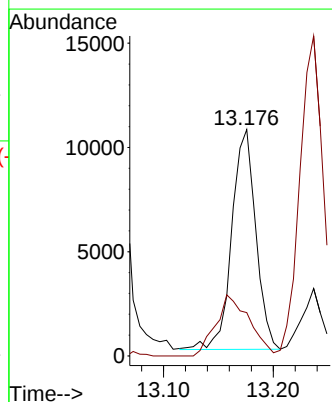
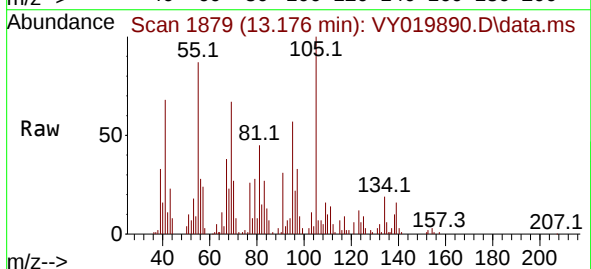
Instrument :
MSVOA_Y
ClientSampleId :

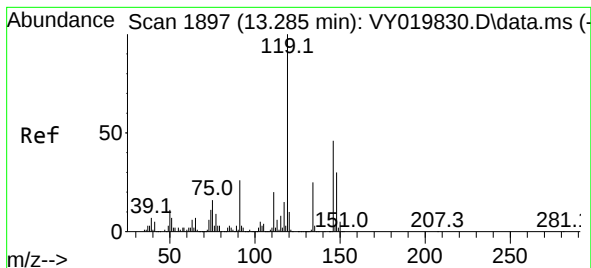
Tgt Ion:105 Resp: 288058
Ion Ratio Lower Upper
105 100
120 43.9 23.2 69.6



#85
sec-Butylbenzene
Concen: 1.074 ug/l
RT: 13.176 min Scan# 1879
Delta R.T. 0.000 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Tgt Ion:105 Resp: 16043
Ion Ratio Lower Upper
105 100
134 38.8 10.1 30.1#





#86

p-Isopropyltoluene

Concen: 9.275 ug/l

RT: 13.292 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

ClientSampleId :

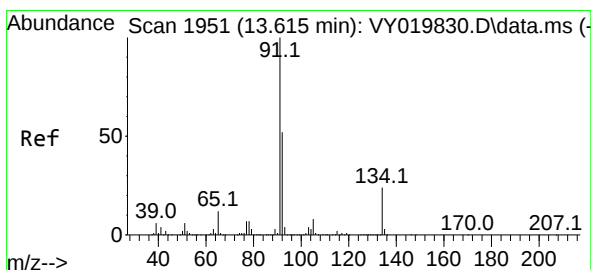
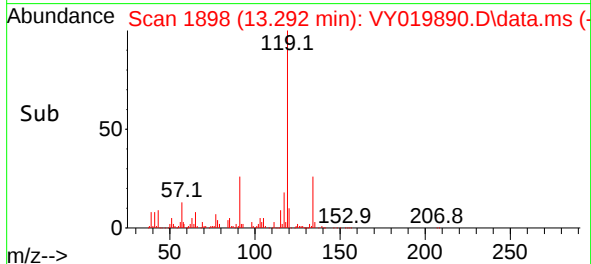
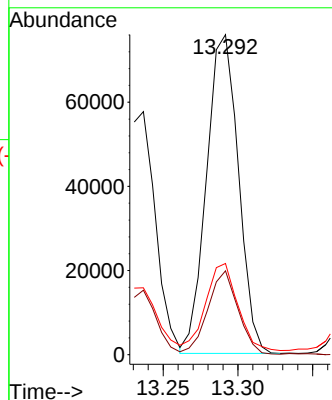
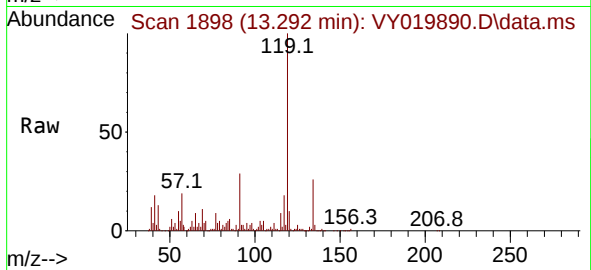
Tgt Ion:119 Resp: 112455

Ion Ratio Lower Upper

119 100

134 24.7 13.1 39.3

91 27.2 10.7 32.1



#89

n-Butylbenzene

Concen: 9.989 ug/l

RT: 13.584 min Scan# 1946

Delta R.T. -0.036 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

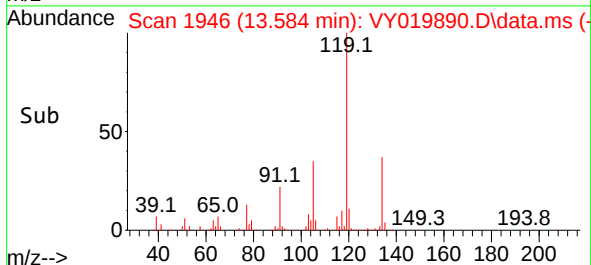
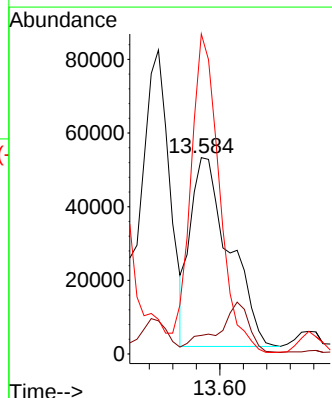
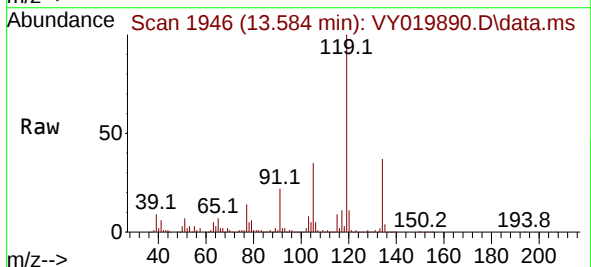
Tgt Ion: 91 Resp: 118252

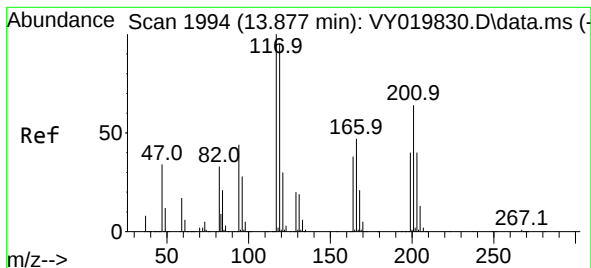
Ion Ratio Lower Upper

91 100

92 0.0 26.6 79.7#

134 124.9 12.9 38.7#





#90

Hexachloroethane

Concen: 25.750 ug/l

RT: 13.889 min Scan# 1996

Delta R.T. 0.006 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

Instrument :

MSVOA_Y

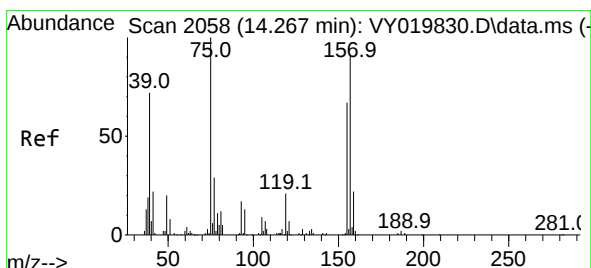
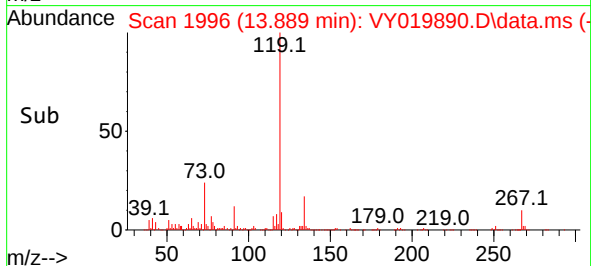
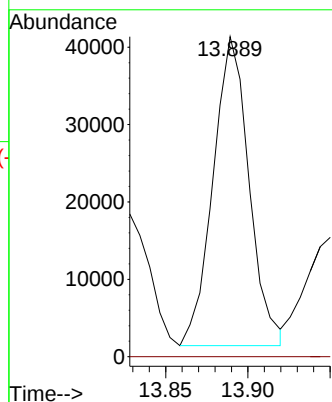
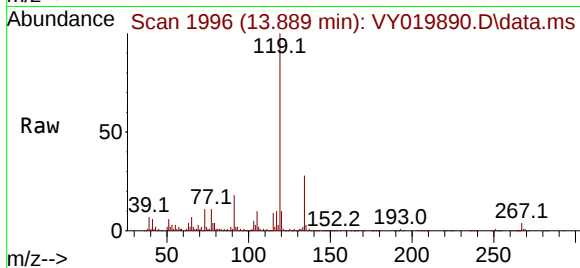
ClientSampleId :

Tgt Ion:117 Resp: 60792

Ion Ratio Lower Upper

117 100

201 0.0 37.4 112.2#



#92

1,2-Dibromo-3-Chloropropane

Concen: 7.015 ug/l

RT: 14.249 min Scan# 2055

Delta R.T. -0.024 min

Lab File: VY019890.D

Acq: 14 Oct 2024 14:31

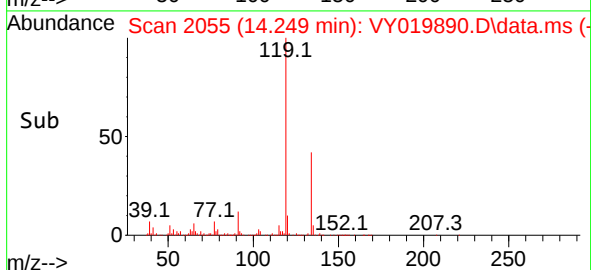
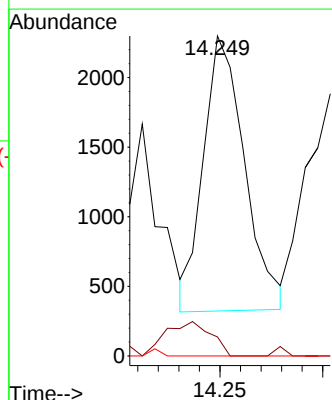
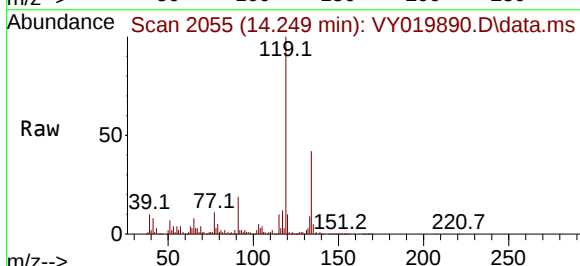
Tgt Ion: 75 Resp: 2748

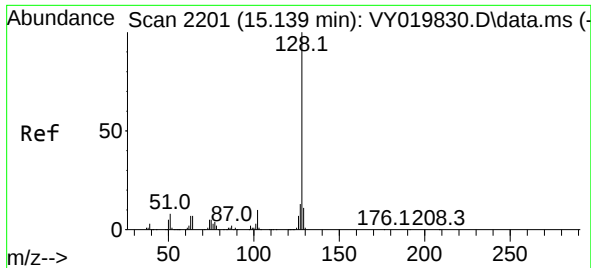
Ion Ratio Lower Upper

75 100

155 13.8 48.6 145.8#

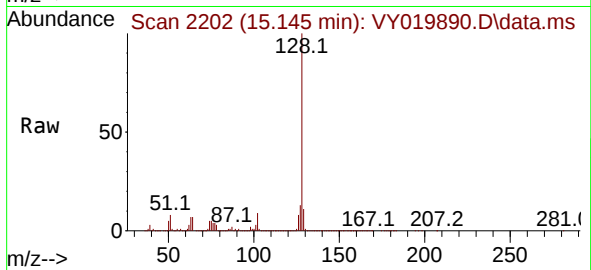
157 0.0 62.7 188.2#





#95
Naphthalene
Concen: 715.931 ug/l
RT: 15.145 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY019890.D
Acq: 14 Oct 2024 14:31

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:128 Resp: 3938046
Ion Ratio Lower Upper
128 100
127 13.3 10.6 16.0
129 11.5 8.6 13.0

