

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103124\
 Data File : VY020091.D
 Acq On : 31 Oct 2024 13:51
 Operator : SY/MD
 Sample : P4495-23DL 2X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Nov 01 03:47:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	252068	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	460288	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	397276	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.340	152	183872	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	158201	50.287	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.580%	
35) Dibromofluoromethane	7.634	113	141164	48.237	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.480%	
50) Toluene-d8	10.103	98	566848	48.661	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.320%	
62) 4-Bromofluorobenzene	12.401	95	184583	48.784	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.560%	
Target Compounds						
						Qvalue
11) Tert butyl alcohol	4.817	59	992	4.384	ug/l	# 88
12) 1,1-Dichloroethene	3.793	96	164123	60.336	ug/l	# 77
15) Acrylonitrile	5.116	53	6258	9.725	ug/l	# 19
16) Acetone	3.873	43	109277	149.365	ug/l	# 82
19) Methyl tert-butyl Ether	5.116	73	462349	67.562	ug/l	100
21) trans-1,2-Dichloroethene	5.122	96	40921	13.339	ug/l	# 83
25) 2-Butanone	6.902	43	90585	91.340	ug/l	# 80
28) Bromochloromethane	7.421	49	50462	18.275	ug/l	# 6
30) Chloroform	7.421	83	546768	93.436	ug/l	99
31) Cyclohexane	7.707	56	7514	1.316	ug/l	# 57
32) 1,1,1-Trichloroethane	7.622	97	289988	56.760	ug/l	# 94
36) 1,1-Dichloropropene	7.707	75	25043	5.540	ug/l	# 48
37) Ethyl Acetate	6.902	43	90585	42.028	ug/l	# 68
38) Carbon Tetrachloride	7.707	117	28825	6.341	ug/l	# 18
40) Benzene	8.079	78	789148	59.805	ug/l	99
42) 1,2-Dichloroethane	8.158	62	264943	72.538	ug/l	94
44) Trichloroethene	8.866	130	101714	33.259	ug/l	87
45) 1,2-Dichloropropane	9.140	63	56760	17.979	ug/l	# 88
46) Dibromomethane	9.231	93	26552	15.522	ug/l	# 87
47) Bromodichloromethane	9.420	83	103323	23.056	ug/l	# 97
48) Methyl methacrylate	9.140	41	34889	18.173	ug/l	# 20
49) 1,4-Dioxane	9.250	88	88	4.997	ug/l	# 20
51) 4-Methyl-2-Pentanone	9.999	43	495824	232.169	ug/l	88
52) Toluene	10.170	92	274868	33.793	ug/l	99
53) t-1,3-Dichloropropene	10.390	75	85858	21.696	ug/l	99
54) cis-1,3-Dichloropropene	9.853	75	309171	65.456	ug/l	# 84
55) 1,1,2-Trichloroethane	10.573	97	62408	29.342	ug/l	93
59) 2-Hexanone	10.762	43	321503	209.985	ug/l	86
61) 1,2-Dibromoethane	11.011	107	75850	38.385	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.511	131	232261	85.879	ug/l	99
67) Ethyl Benzene	11.517	91	1063125	67.185	ug/l	99
68) m/p-Xylenes	11.627	106	290442	50.168	ug/l	90
69) o-Xylene	11.950	106	297016	54.188	ug/l	93
70) Styrene	11.969	104	806937	89.039	ug/l	96
71) Bromoform	12.127	173	63788	45.975	ug/l	# 95
75) 1,1,2,2-Tetrachloroethane	12.505	83	101303	39.435	ug/l	98

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

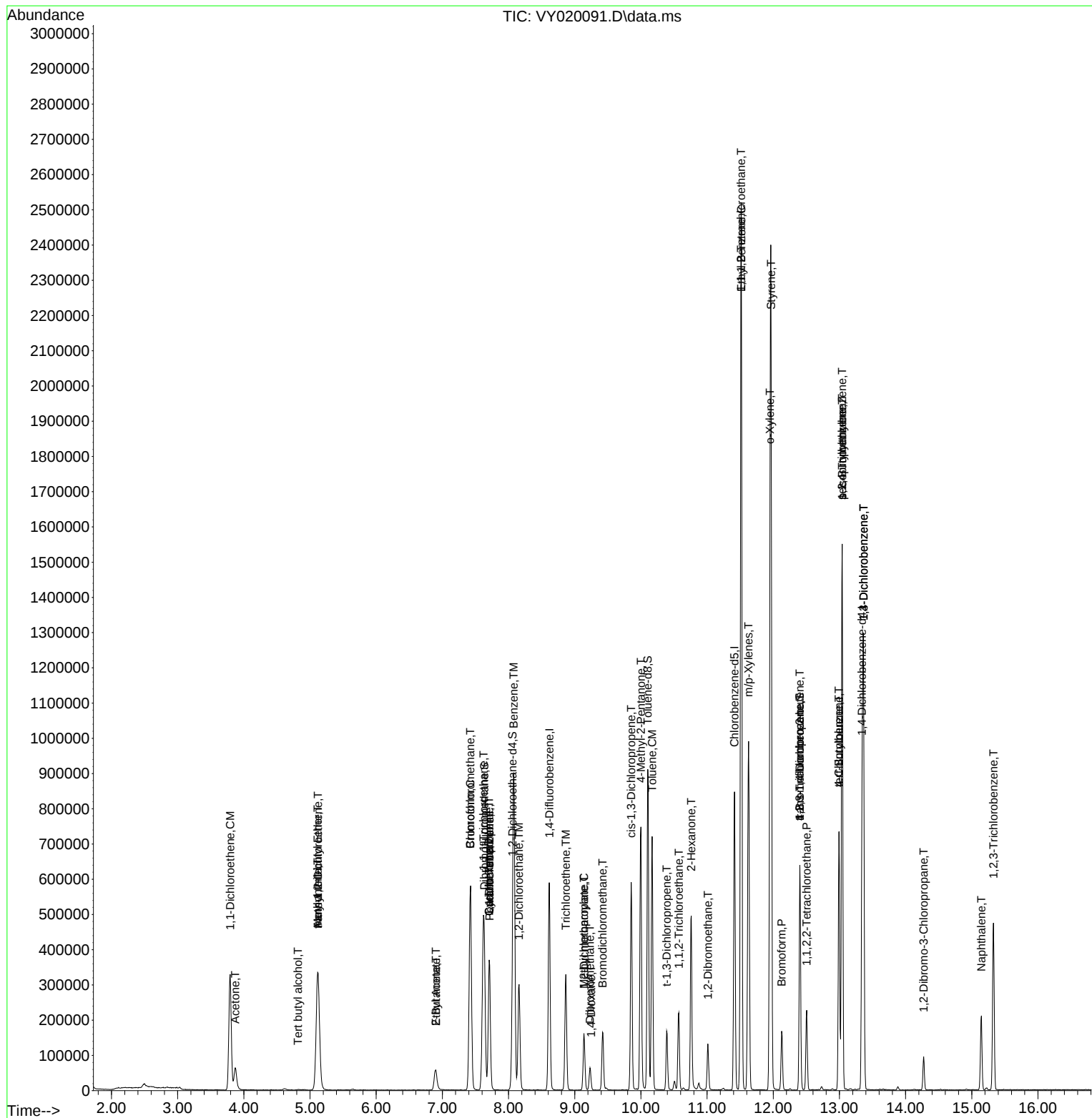
76) 1,2,3-Trichloropropane	12.401	75	105266	61.073	ug/l	#	100
81) trans-1,4-Dichloro-2-b...	12.401	75	105266	131.366	ug/l	#	16
82) 4-Chlorotoluene	12.993	91	214974	20.778	ug/l	#	39
83) tert-Butylbenzene	12.993	119	312380	30.294	ug/l		93
84) 1,2,4-Trimethylbenzene	13.042	105	792287	67.832	ug/l		95
85) sec-Butylbenzene	13.042	105	792287	50.049	ug/l	#	56
86) p-Isopropyltoluene	13.042	119	87660	6.901	ug/l	#	1
87) 1,3-Dichlorobenzene	13.365	146	392213	64.992	ug/l		97
88) 1,4-Dichlorobenzene	13.365	146	392213	65.262	ug/l		96
92) 1,2-Dibromo-3-Chloropr...	14.273	75	20839	53.490	ug/l		74
95) Naphthalene	15.145	128	159157	30.215	ug/l		99
96) 1,2,3-Trichlorobenzene	15.328	180	128558	53.745	ug/l		96

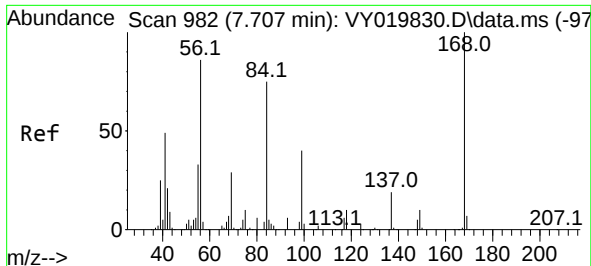
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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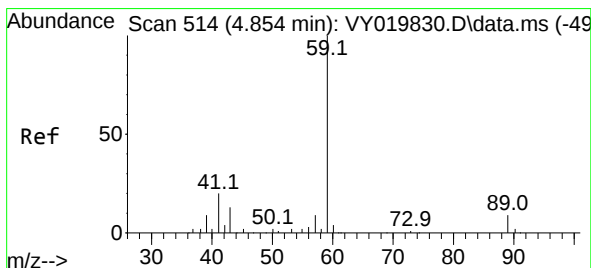
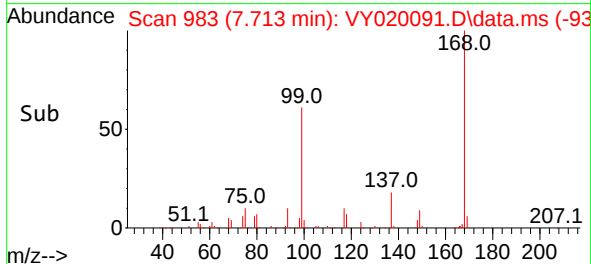
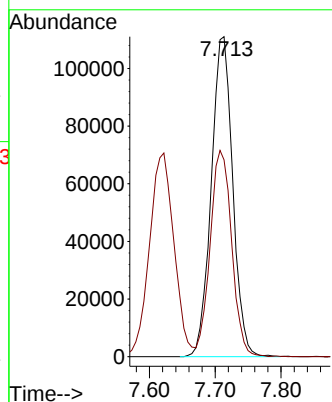
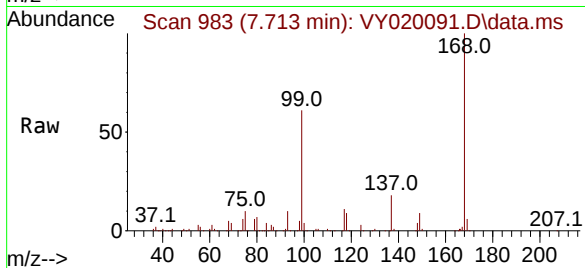




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

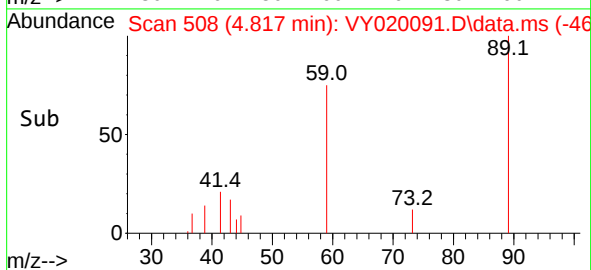
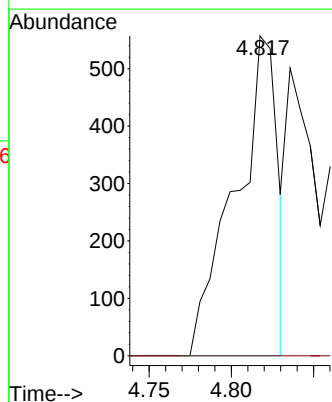
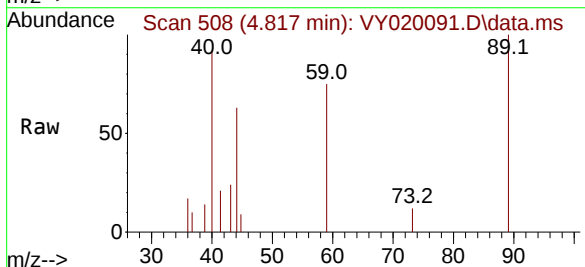
Instrument :
MSVOA_Y
ClientSampleId :

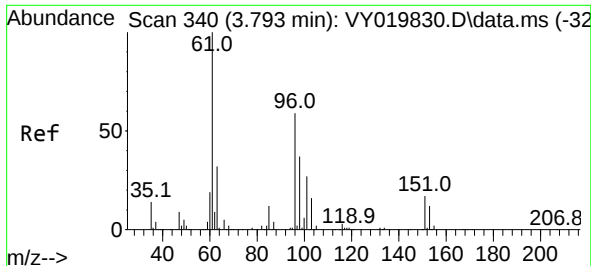
Tgt Ion:168 Resp: 252068
Ion Ratio Lower Upper
168 100
99 61.4 39.1 58.7#



#11
Tert butyl alcohol
Concen: 4.384 ug/l
RT: 4.817 min Scan# 508
Delta R.T. -0.043 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 59 Resp: 992
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#

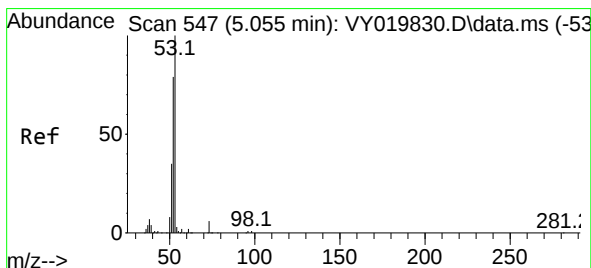
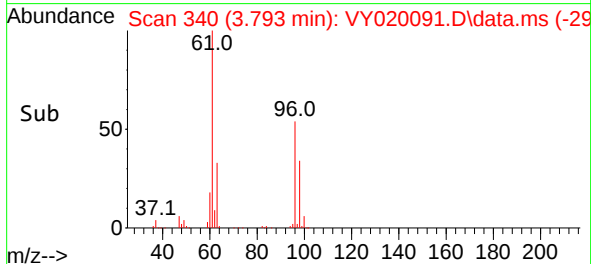
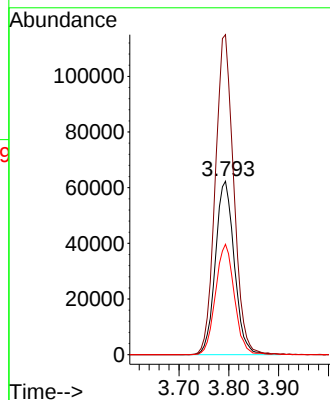
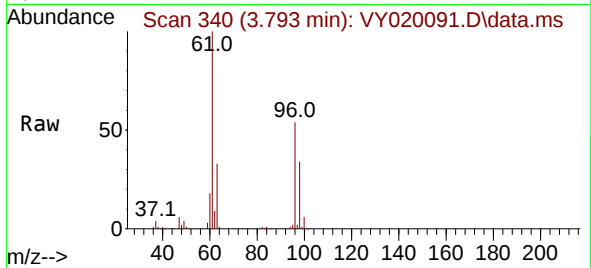




#12
1,1-Dichloroethene
Concen: 60.336 ug/l
RT: 3.793 min Scan# 34
Delta R.T. 0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

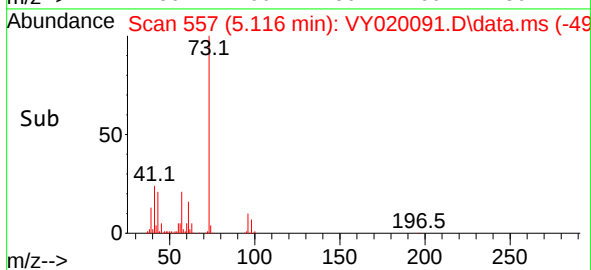
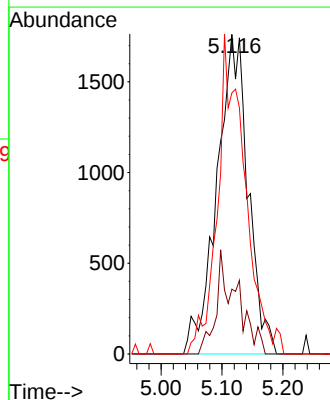
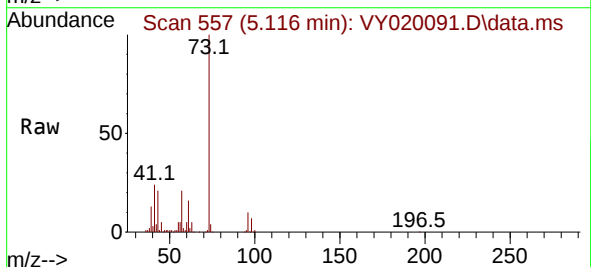
Instrument :
MSVOA_Y
ClientSampleId :

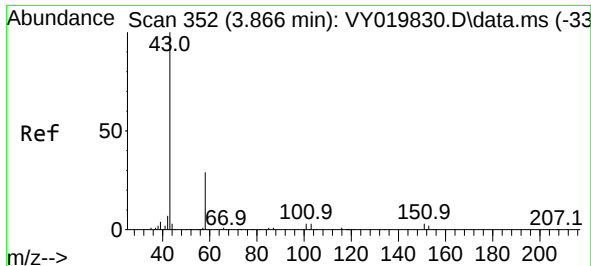
Tgt Ion: 96 Resp: 164123
Ion Ratio Lower Upper
96 100
61 184.4 114.6 171.8#
98 63.6 50.8 76.2



#15
Acrylonitrile
Concen: 9.725 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.061 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 53 Resp: 6258
Ion Ratio Lower Upper
53 100
52 10.8 64.7 97.1#
51 86.0 28.4 42.6#

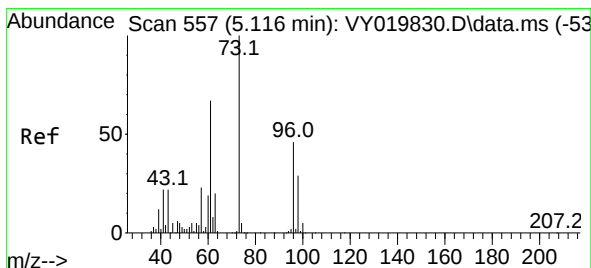
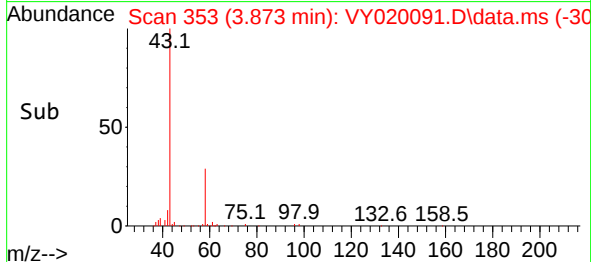
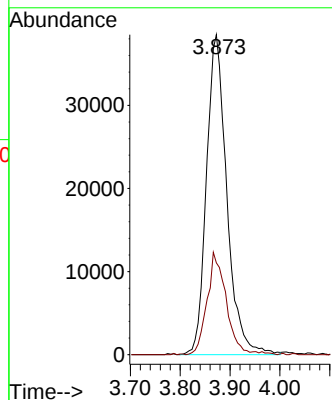
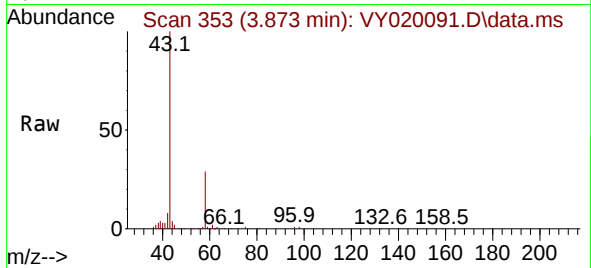




#16
Acetone
Concen: 149.365 ug/l
RT: 3.873 min Scan# 353
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

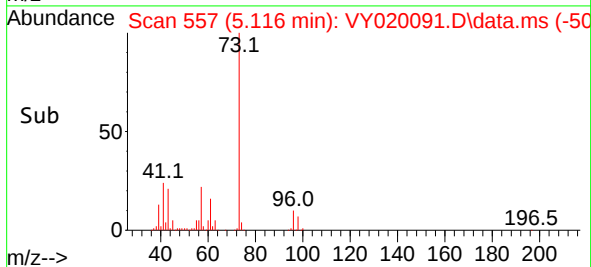
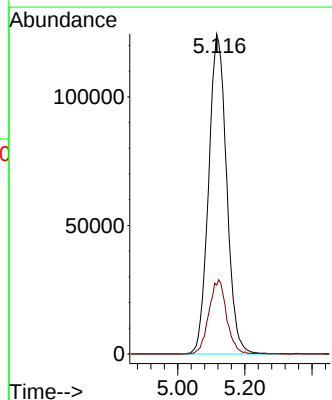
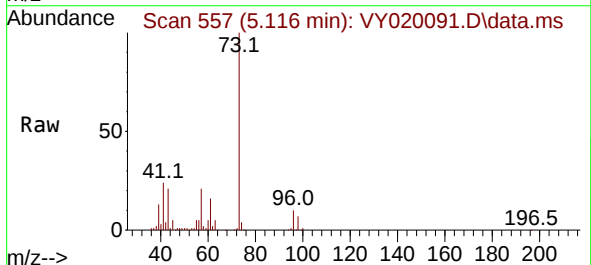
Instrument :
MSVOA_Y
ClientSampleId :

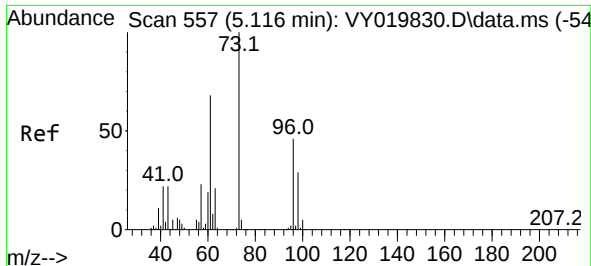
Tgt Ion: 43 Resp: 109277
Ion Ratio Lower Upper
43 100
58 28.5 31.7 47.5#



#19
Methyl tert-butyl Ether
Concen: 67.562 ug/l
RT: 5.116 min Scan# 557
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

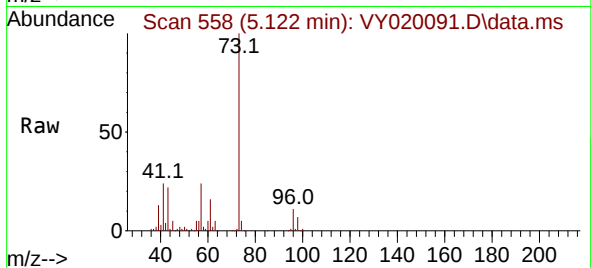
Tgt Ion: 73 Resp: 462349
Ion Ratio Lower Upper
73 100
57 21.5 17.3 25.9



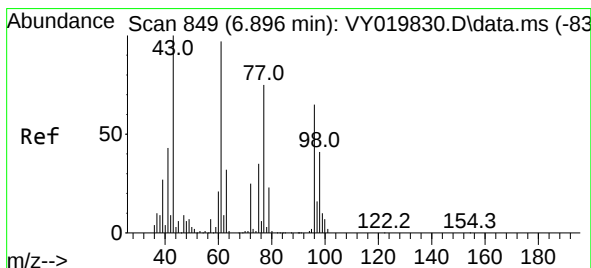
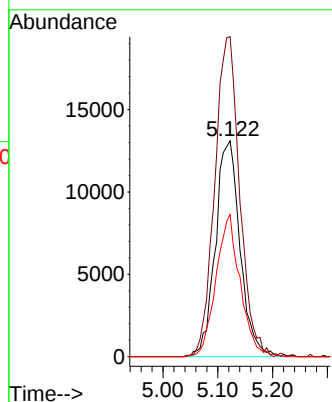
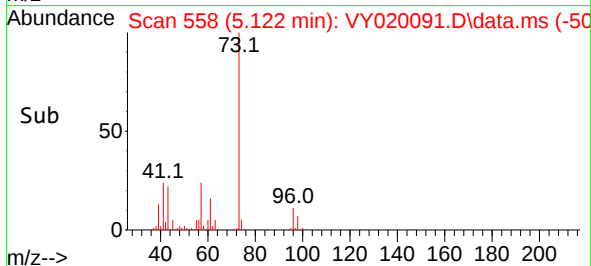


#21
trans-1,2-Dichloroethene
Concen: 13.339 ug/l
RT: 5.122 min Scan# 51
Delta R.T. 0.013 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Instrument :
MSVOA_Y
ClientSampleId :

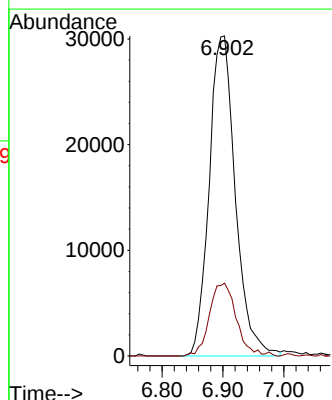
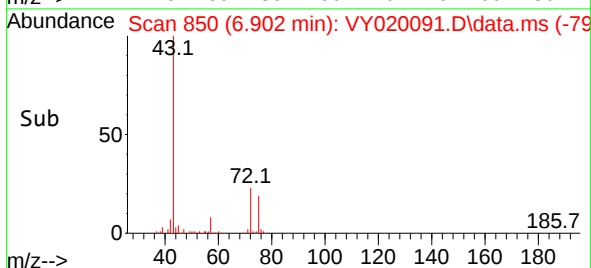
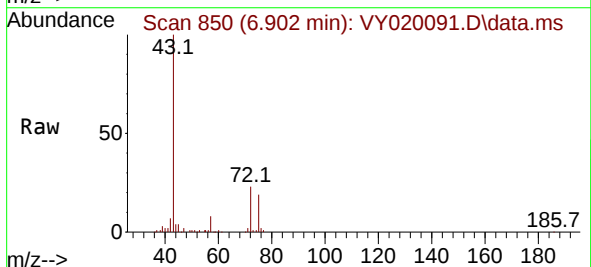


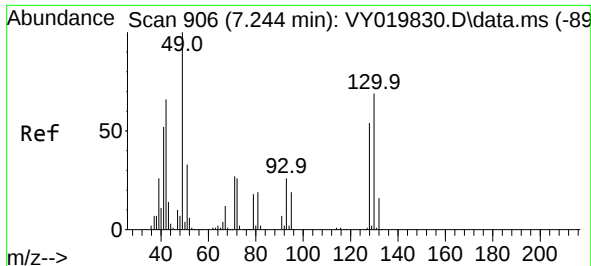
Tgt Ion: 96 Resp: 40921
Ion Ratio Lower Upper
96 100
61 148.2 97.5 146.3#
98 65.8 50.5 75.7



#25
2-Butanone
Concen: 91.340 ug/l
RT: 6.902 min Scan# 850
Delta R.T. 0.012 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 43 Resp: 90585
Ion Ratio Lower Upper
43 100
72 22.7 27.3 40.9#

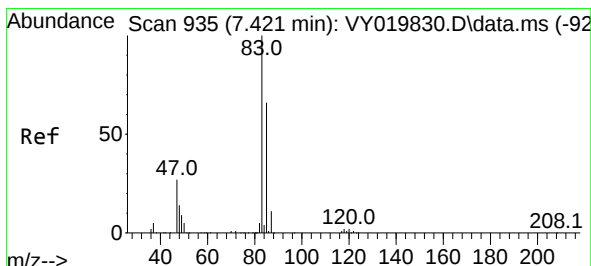
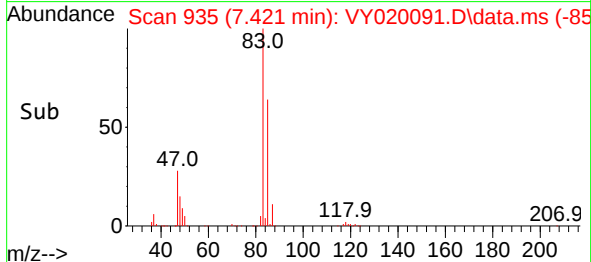
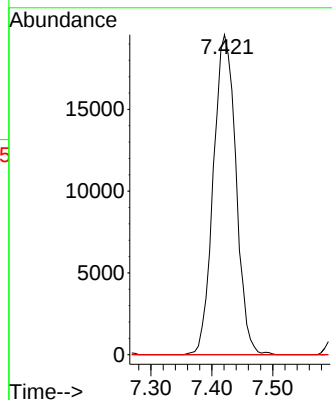
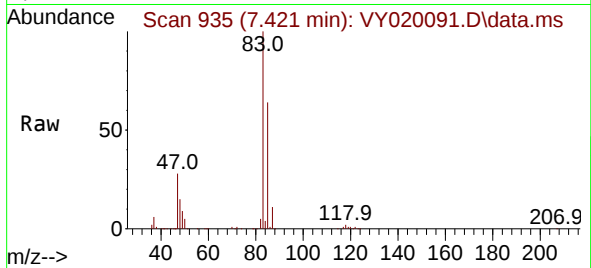




#28
Bromochloromethane
Concen: 18.275 ug/l
RT: 7.421 min Scan# 91
Delta R.T. 0.177 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

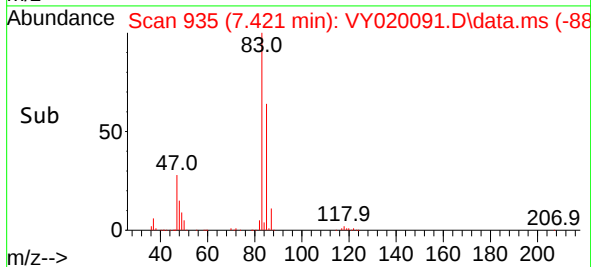
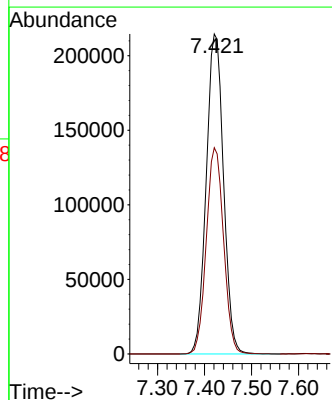
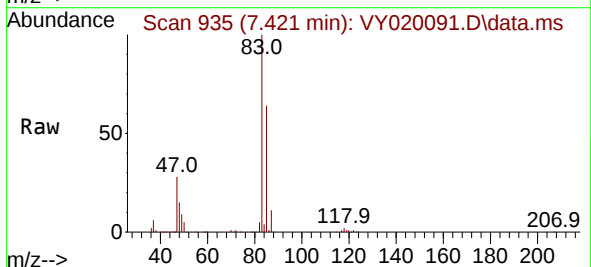
Instrument :
MSVOA_Y
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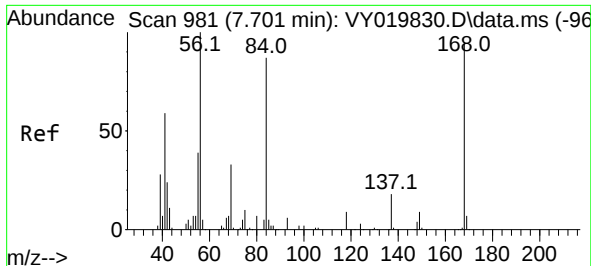
Tgt Ion: 49 Resp: 50462
Ion Ratio Lower Upper
49 100
129 0.0 0.0 4.6
130 0.0 72.7 109.1#



#30
Chloroform
Concen: 93.436 ug/l
RT: 7.421 min Scan# 935
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

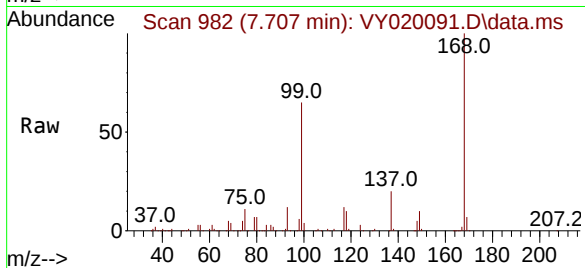
Tgt Ion: 83 Resp: 546768
Ion Ratio Lower Upper
83 100
85 64.4 52.2 78.4



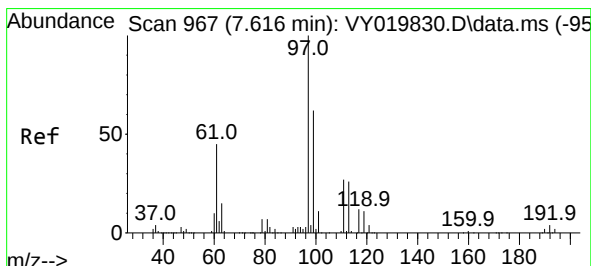
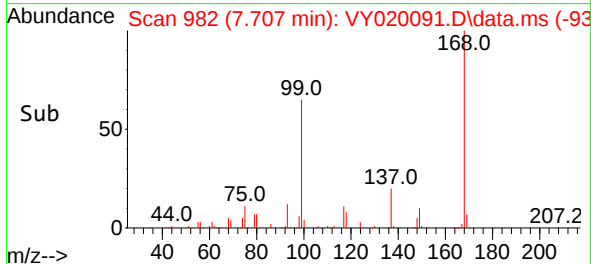
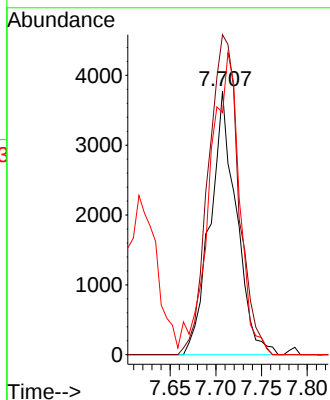


#31
Cyclohexane
Concen: 1.316 ug/l
RT: 7.707 min Scan# 981
Delta R.T. 0.006 min
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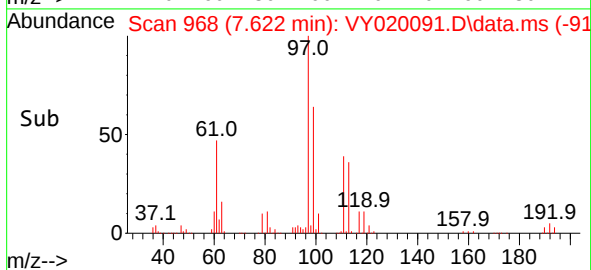
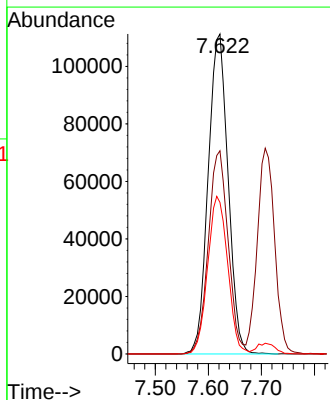
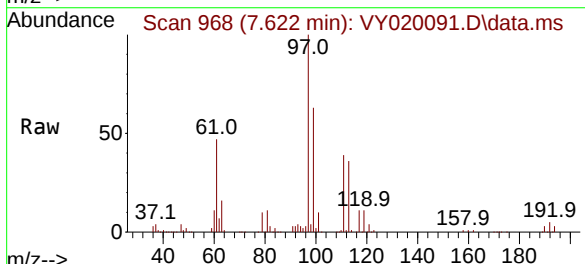


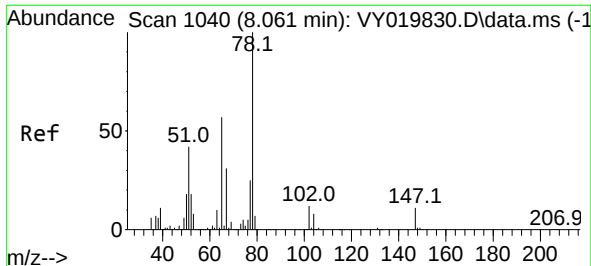
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Ion Ratio Lower Upper
56 100
69 121.4 28.7 43.1#
84 91.9 77.7 116.5



#32
1,1,1-Trichloroethane
Concen: 56.760 ug/l
RT: 7.622 min Scan# 968
Delta R.T. 0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 97 Resp: 289988
Ion Ratio Lower Upper
97 100
99 63.6 50.3 75.5
61 49.7 32.6 48.8#





#33

1,2-Dichloroethane-d4

Concen: 50.287 ug/l

RT: 8.061 min Scan# 11040

Delta R.T. 0.000 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

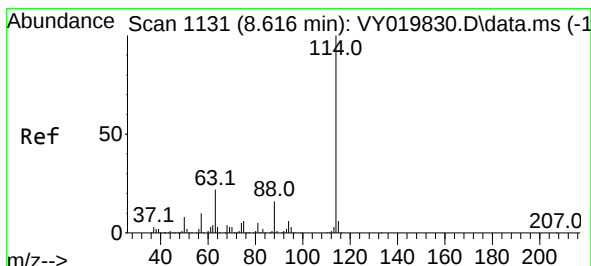
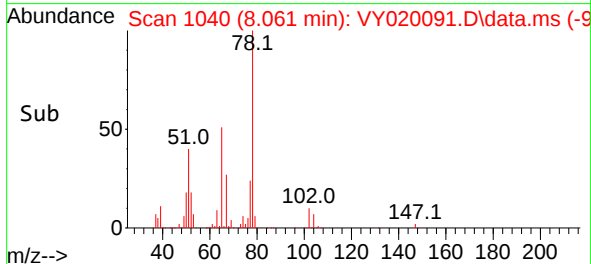
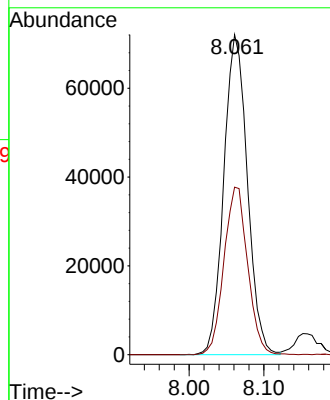
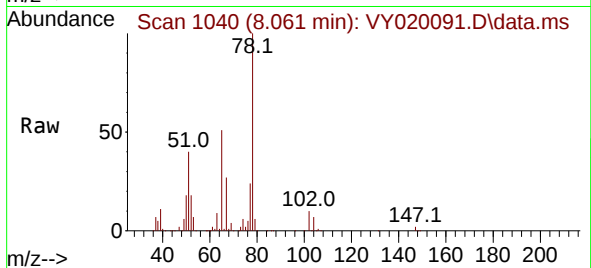
ClientSampleId :

Tgt Ion: 65 Resp: 158201

Ion Ratio Lower Upper

65 100

67 52.7 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: VY020091.D

Acq: 31 Oct 2024 13:51

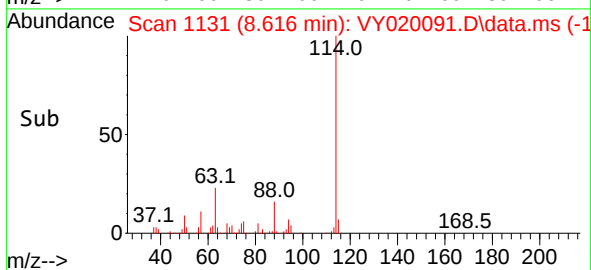
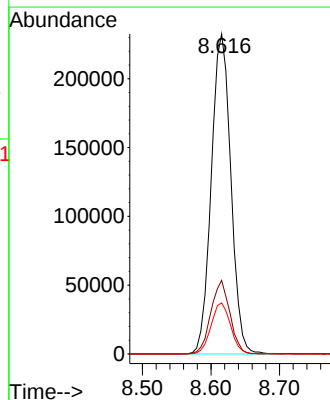
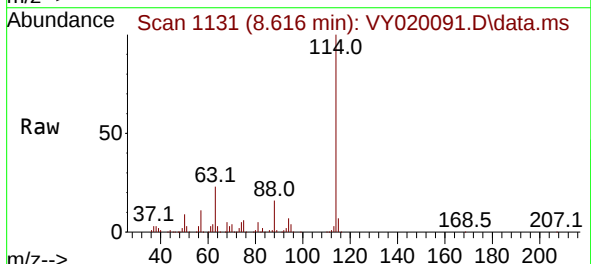
Tgt Ion: 114 Resp: 460288

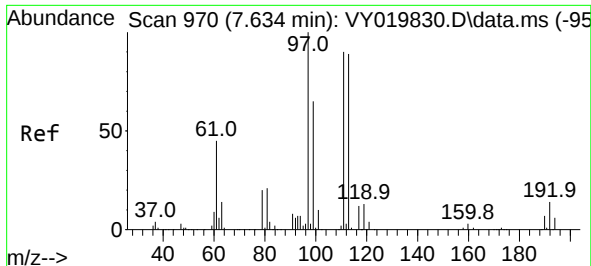
Ion Ratio Lower Upper

114 100

63 23.0 0.0 35.0

88 16.0 0.0 27.2

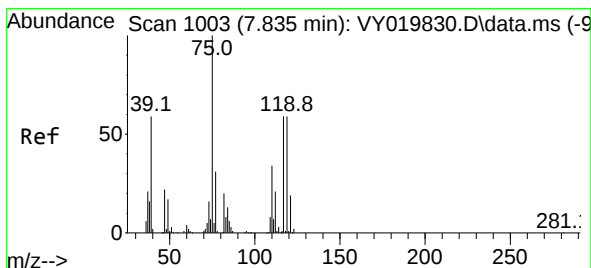
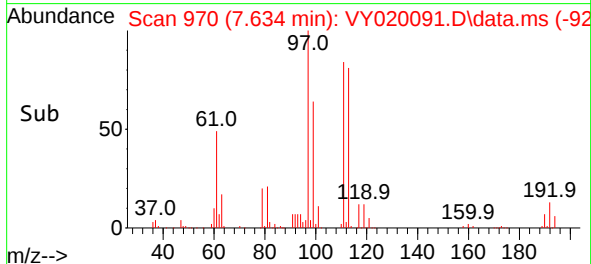
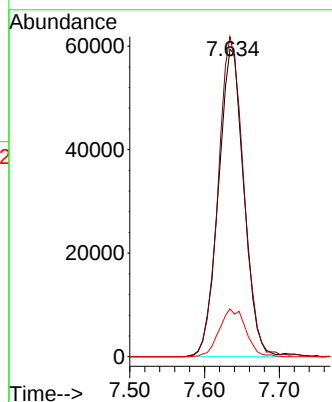
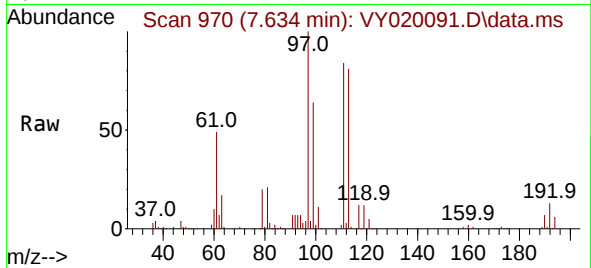




#35
Dibromofluoromethane
Concen: 48.237 ug/l
RT: 7.634 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

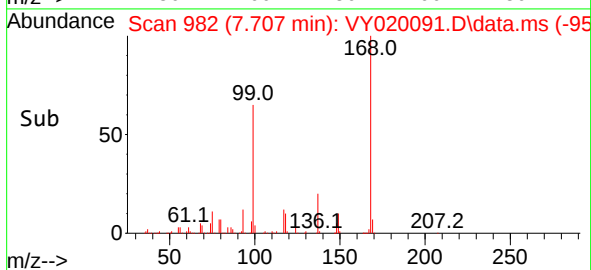
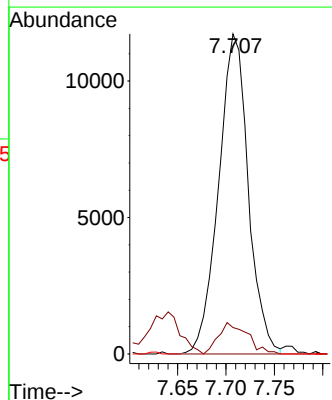
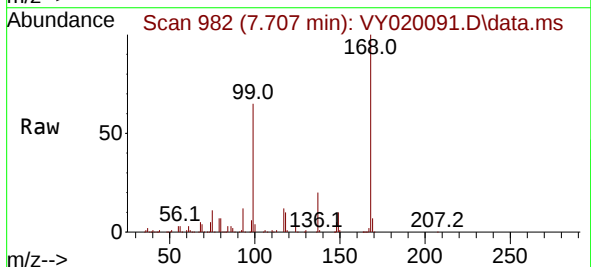
Instrument :
MSVOA_Y
ClientSampleId :

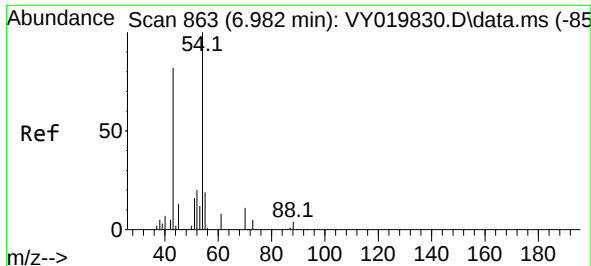
Tgt Ion:113 Resp: 141164
Ion Ratio Lower Upper
113 100
111 103.6 82.2 123.4
192 16.2 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.540 ug/l
RT: 7.707 min Scan# 982
Delta R.T. -0.128 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 75 Resp: 25043
Ion Ratio Lower Upper
75 100
110 9.6 19.0 57.0#
77 0.0 25.3 37.9#





#37

Ethyl Acetate

Concen: 42.028 ug/l

RT: 6.902 min Scan# 81

Delta R.T. -0.079 min

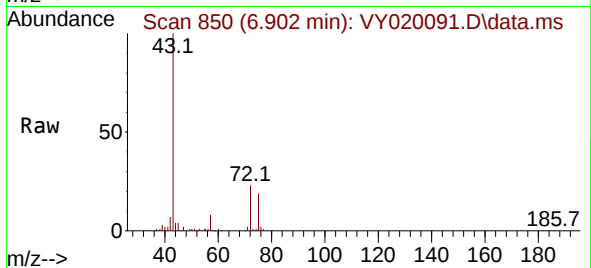
Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

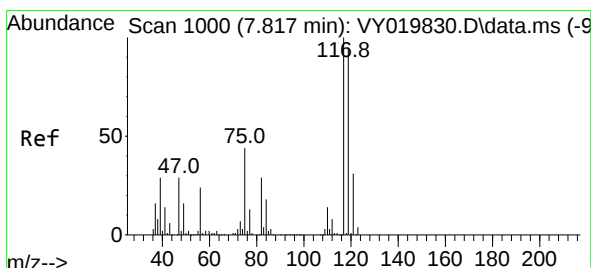
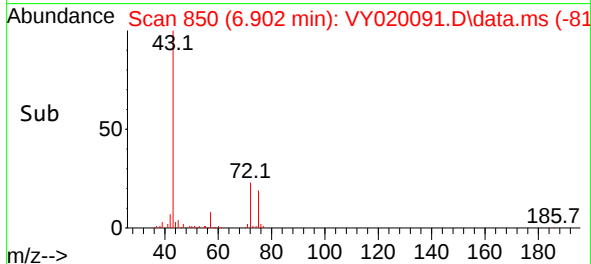
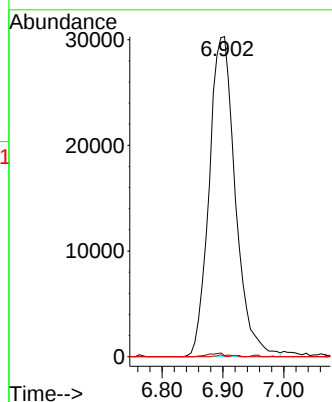
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion:	43	Resp:	90585
Ion	Ratio	Lower	Upper
43	100		
61	0.8	12.6	19.0#
70	0.1	7.8	11.8#



#38

Carbon Tetrachloride

Concen: 6.341 ug/l

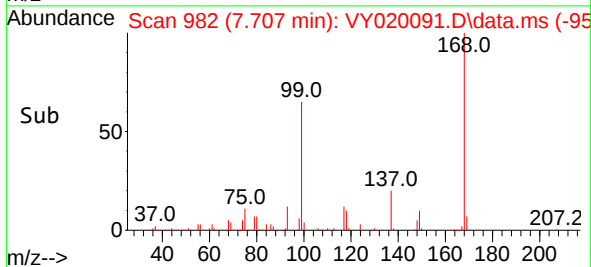
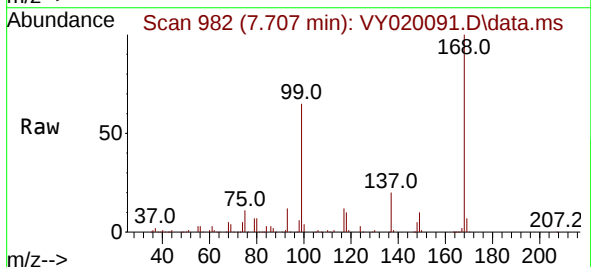
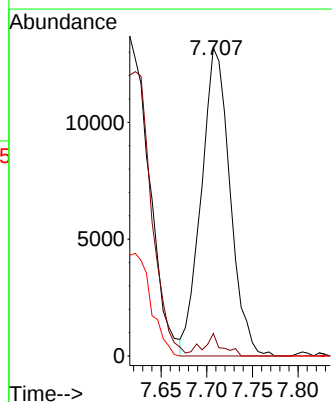
RT: 7.707 min Scan# 982

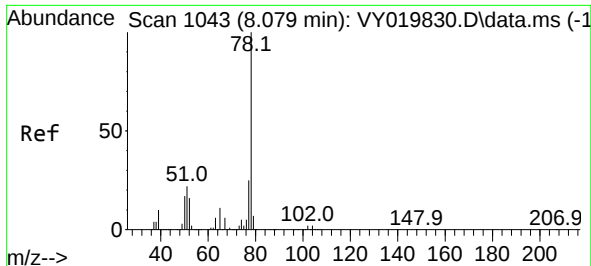
Delta R.T. -0.109 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Tgt Ion:	117	Resp:	28825
Ion	Ratio	Lower	Upper
117	100		
119	7.3	75.8	113.6#
121	0.0	24.0	36.0#

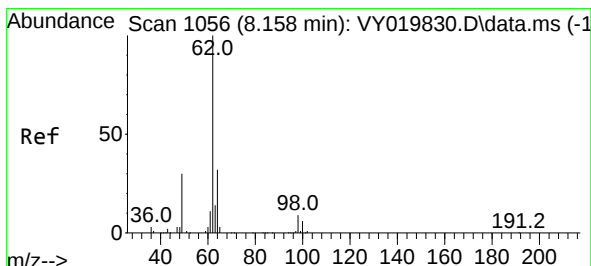
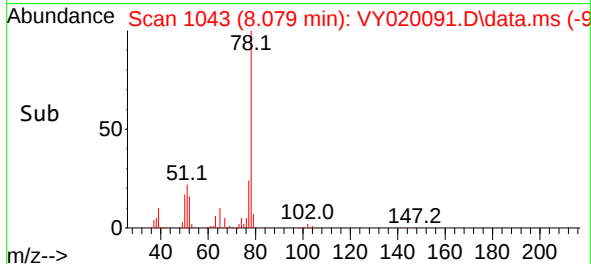
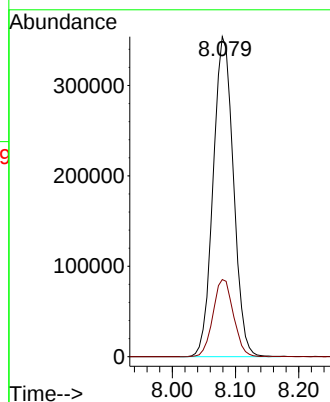
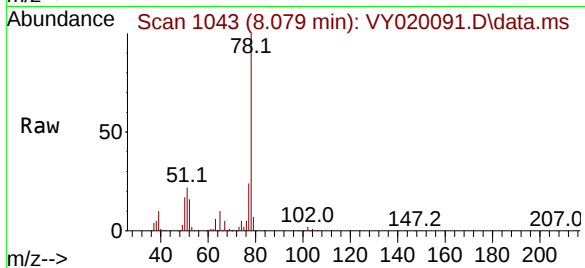




#40
Benzene
Concen: 59.805 ug/l
RT: 8.079 min Scan# 1043
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

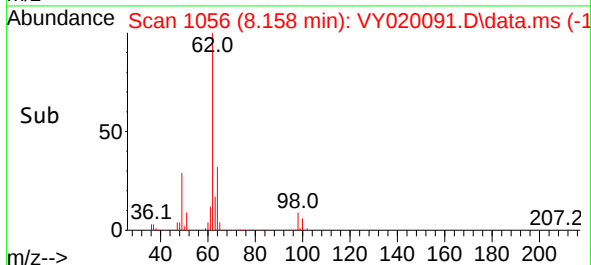
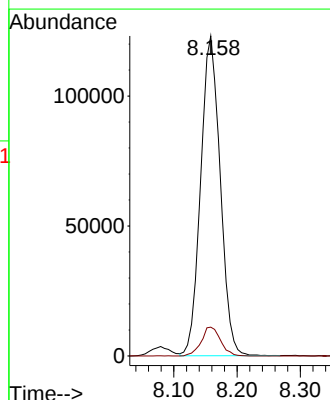
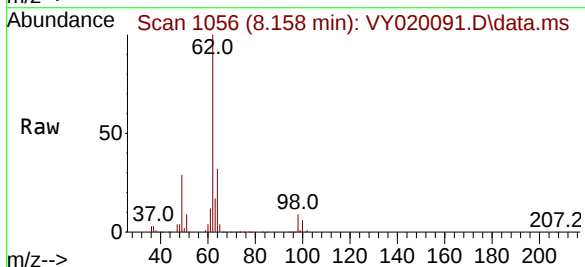
Instrument :
MSVOA_Y
ClientSampleId :

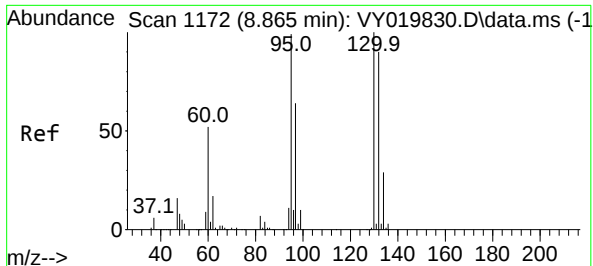
Tgt Ion: 78 Resp: 789148
Ion Ratio Lower Upper
78 100
77 24.1 19.5 29.3



#42
1,2-Dichloroethane
Concen: 72.538 ug/l
RT: 8.158 min Scan# 1056
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 62 Resp: 264943
Ion Ratio Lower Upper
62 100
98 8.9 0.0 22.0

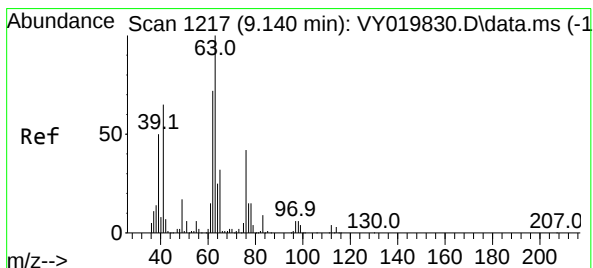
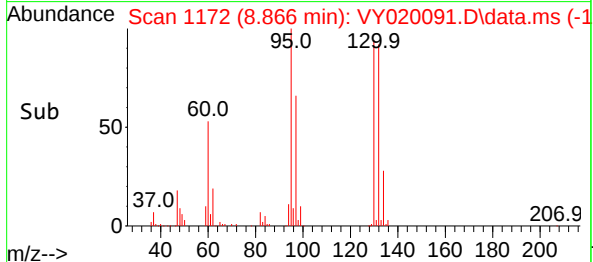
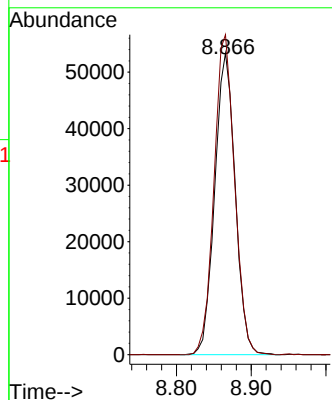
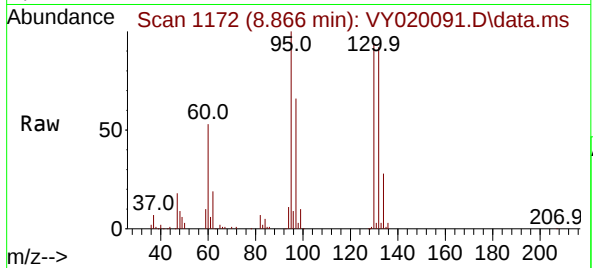




#44
Trichloroethene
Concen: 33.259 ug/l
RT: 8.866 min Scan# 1172
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

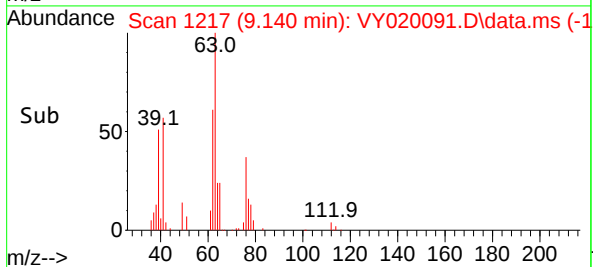
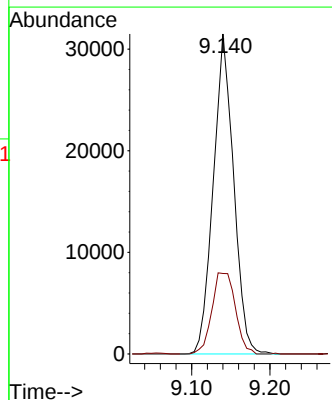
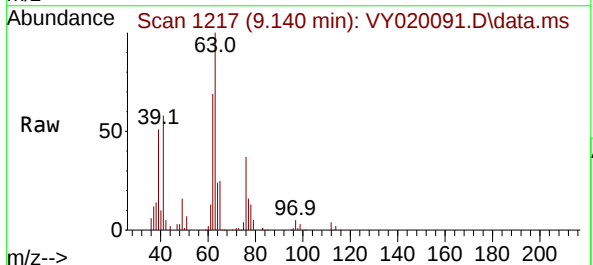
Instrument :
MSVOA_Y
ClientSampleId :

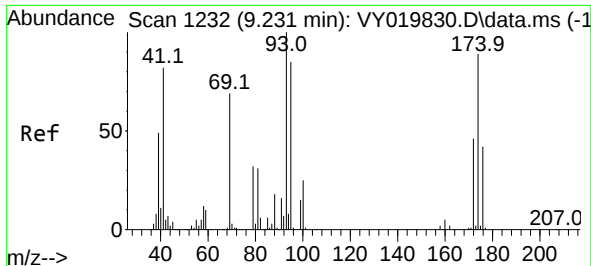
Tgt Ion:130 Resp: 101714
Ion Ratio Lower Upper
130 100
95 106.1 0.0 188.0



#45
1,2-Dichloropropane
Concen: 17.979 ug/l
RT: 9.140 min Scan# 1217
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

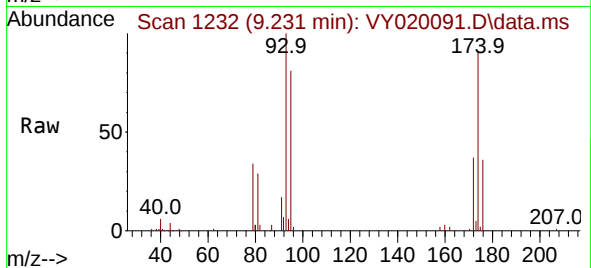
Tgt Ion: 63 Resp: 56760
Ion Ratio Lower Upper
63 100
65 25.2 25.4 38.2#



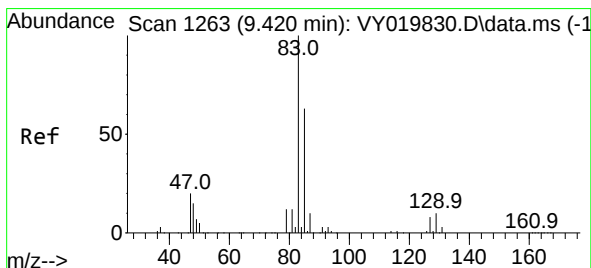
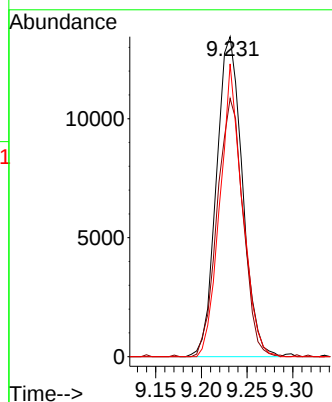
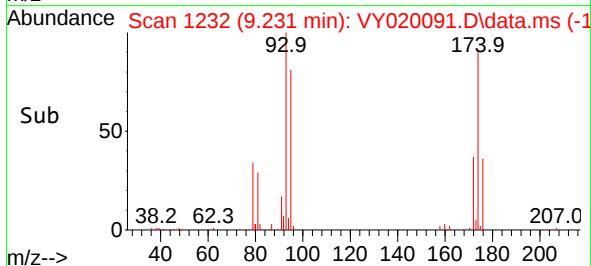


#46
Dibromomethane
Concen: 15.522 ug/l
RT: 9.231 min Scan# 1232
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

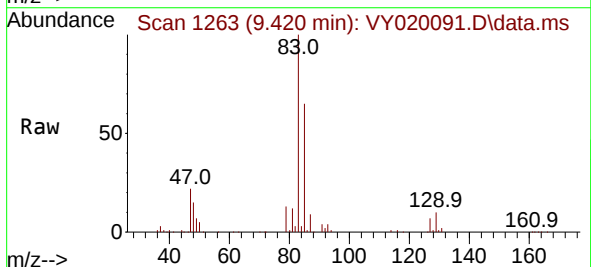
Instrument :
MSVOA_Y
ClientSampleId :



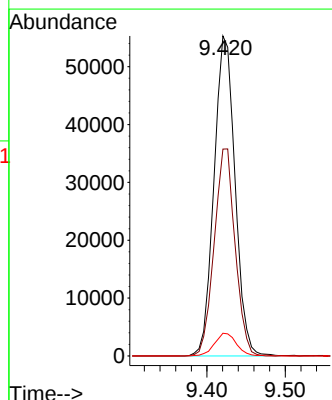
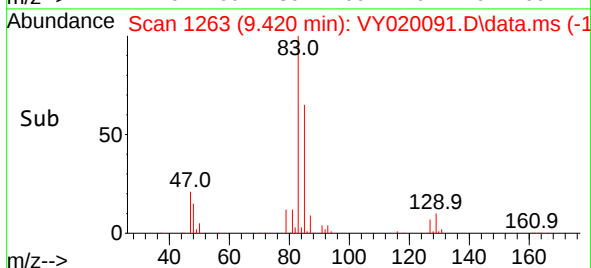
Tgt Ion: 93 Resp: 26552
Ion Ratio Lower Upper
93 100
95 80.4 66.2 99.4
174 78.8 80.9 121.3#

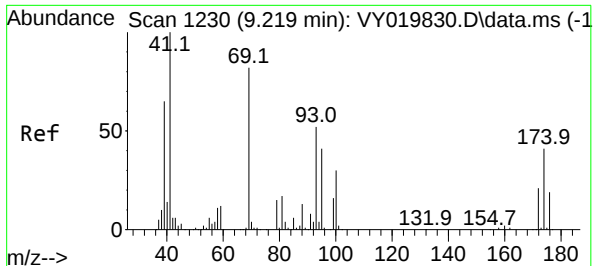


#47
Bromodichloromethane
Concen: 23.056 ug/l
RT: 9.420 min Scan# 1263
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51



Tgt Ion: 83 Resp: 103323
Ion Ratio Lower Upper
83 100
85 64.7 50.1 75.1
127 7.1 7.4 11.0#

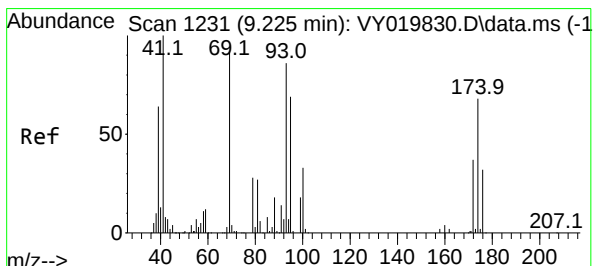
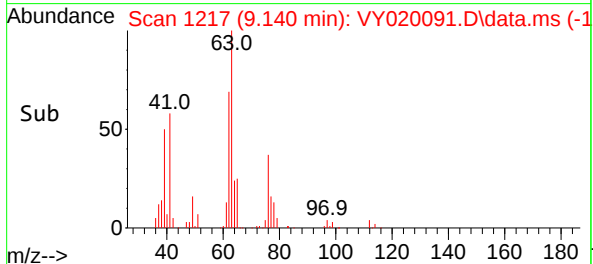
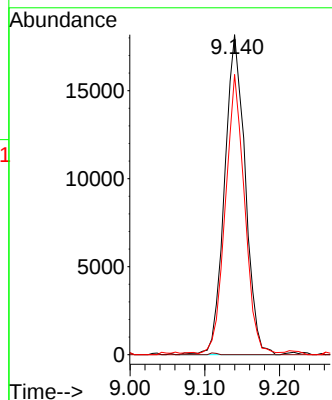
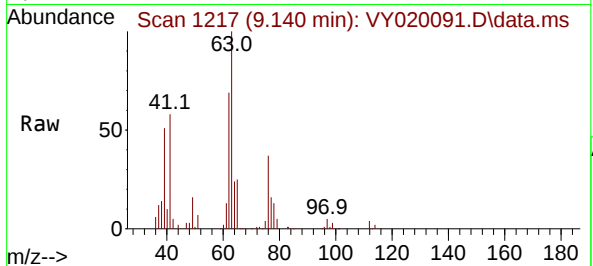




#48
Methyl methacrylate
Concen: 18.173 ug/l
RT: 9.140 min Scan# 11
Delta R.T. -0.079 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

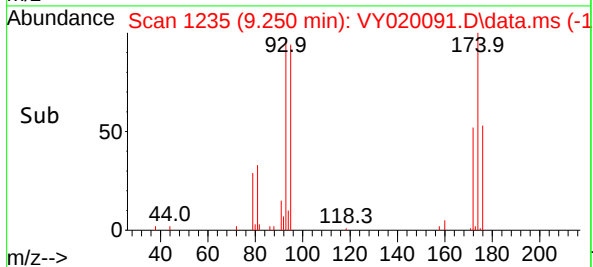
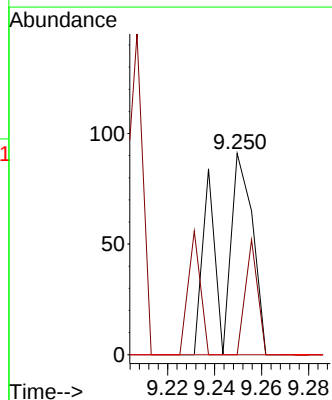
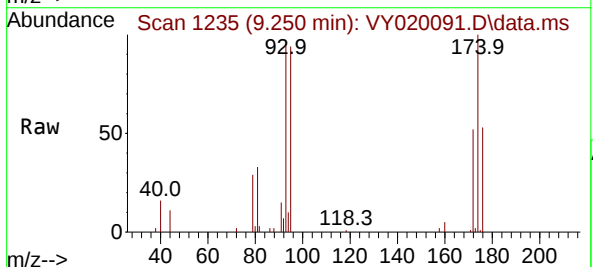
Instrument :
MSVOA_Y
ClientSampleId :

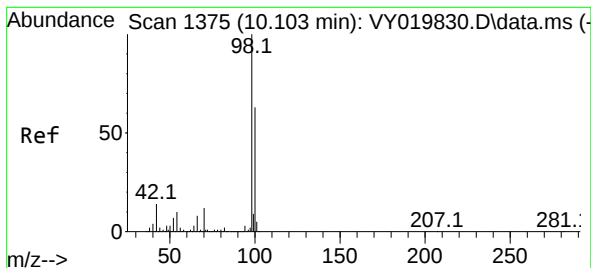
Tgt Ion: 41 Resp: 34889
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 81.0 43.6 65.4#



#49
1,4-Dioxane
Concen: 4.997 ug/l
RT: 9.250 min Scan# 1235
Delta R.T. 0.019 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 88 Resp: 88
Ion Ratio Lower Upper
88 100
43 21.6 0.0 0.0#
58 0.0 49.3 73.9#





#50

Toluene-d8

Concen: 48.661 ug/l

RT: 10.103 min Scan# 1375

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

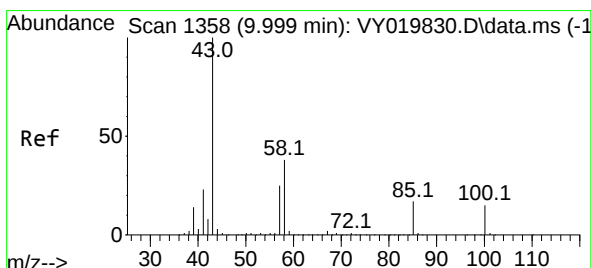
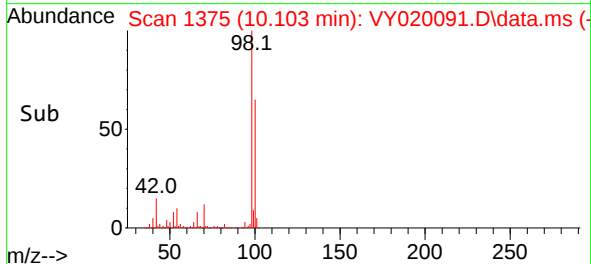
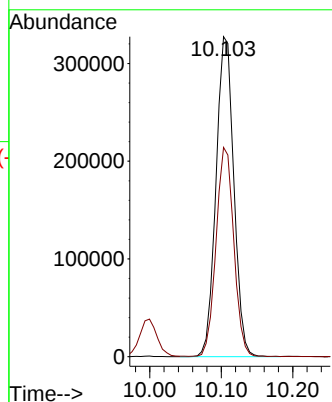
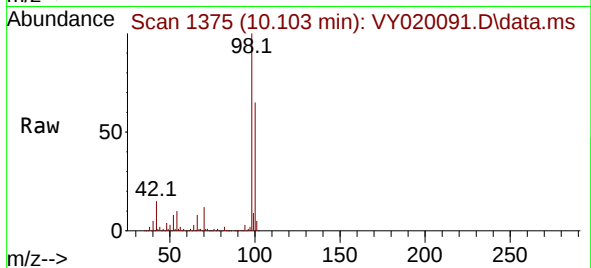
ClientSampleId :

Tgt Ion: 98 Resp: 566848

Ion Ratio Lower Upper

98 100

100 64.9 52.0 78.0



#51

4-Methyl-2-Pentanone

Concen: 232.169 ug/l

RT: 9.999 min Scan# 1358

Delta R.T. 0.000 min

Lab File: VY020091.D

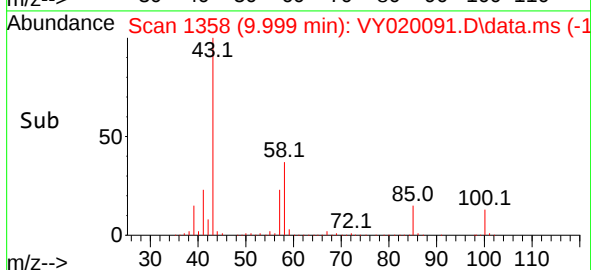
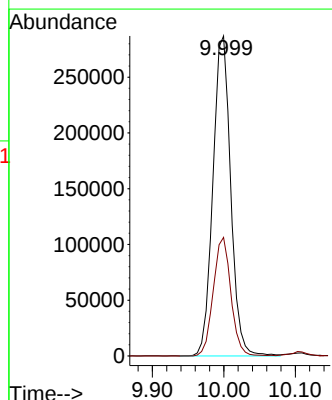
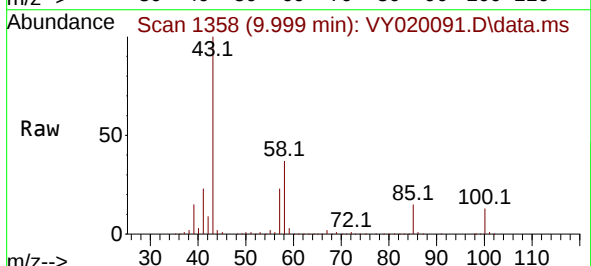
Acq: 31 Oct 2024 13:51

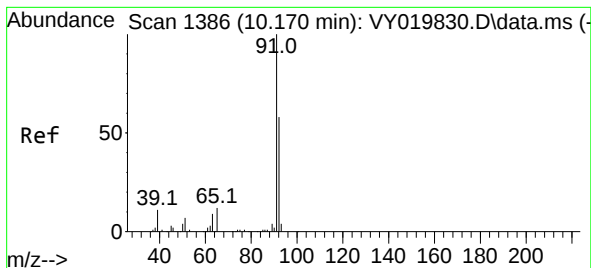
Tgt Ion: 43 Resp: 495824

Ion Ratio Lower Upper

43 100

58 36.7 35.7 53.5





#52

Toluene

Concen: 33.793 ug/l

RT: 10.170 min Scan# 1386

Delta R.T. 0.000 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

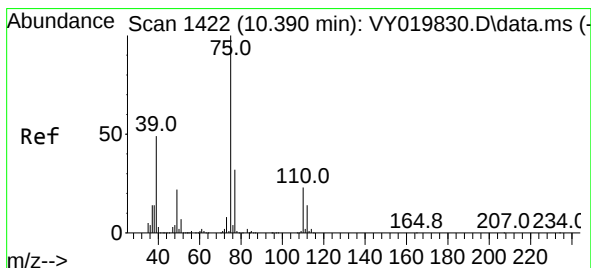
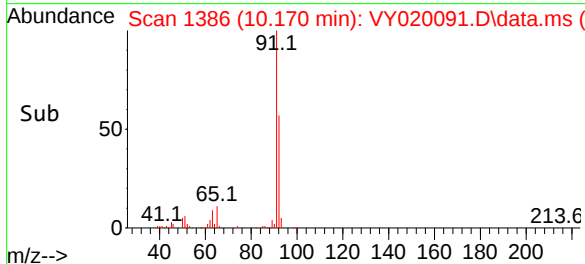
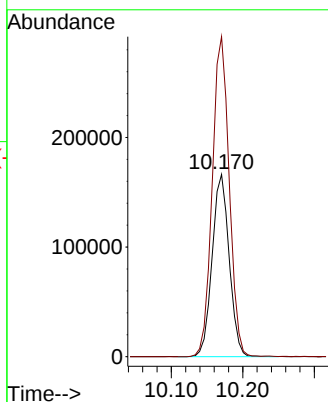
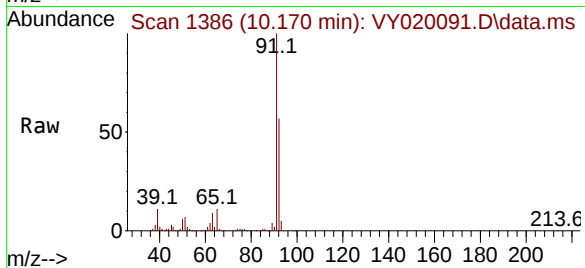
ClientSampleId :

Tgt Ion: 92 Resp: 274868

Ion Ratio Lower Upper

92 100

91 174.7 139.0 208.6



#53

t-1,3-Dichloropropene

Concen: 21.696 ug/l

RT: 10.390 min Scan# 1422

Delta R.T. -0.006 min

Lab File: VY020091.D

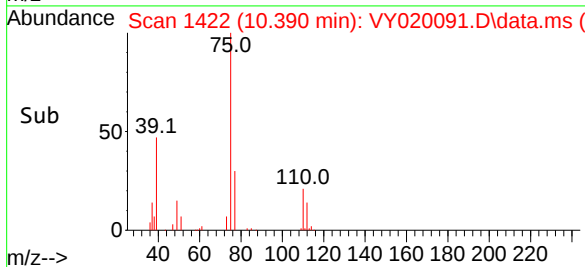
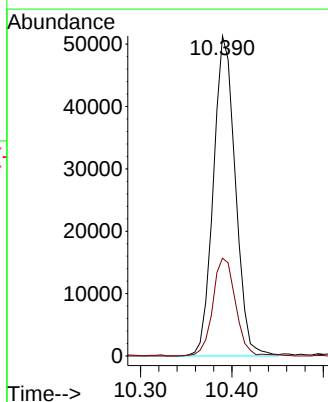
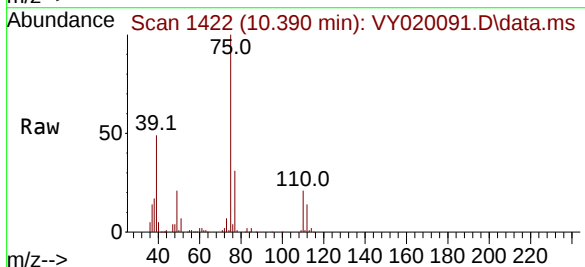
Acq: 31 Oct 2024 13:51

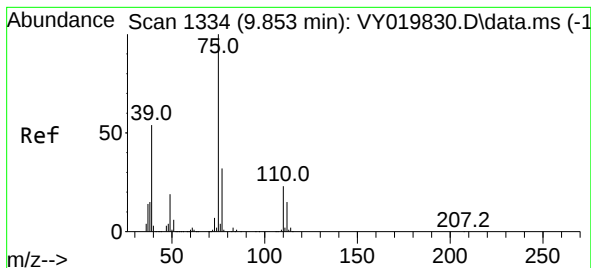
Tgt Ion: 75 Resp: 85858

Ion Ratio Lower Upper

75 100

77 30.6 24.1 36.1





#54

cis-1,3-Dichloropropene

Concen: 65.456 ug/l

RT: 9.853 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

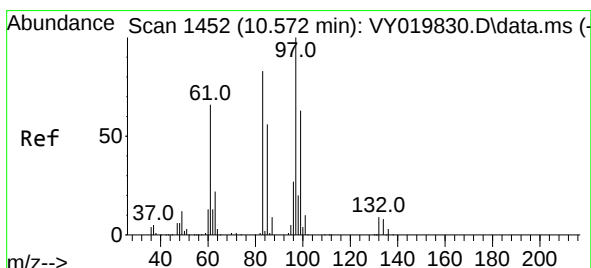
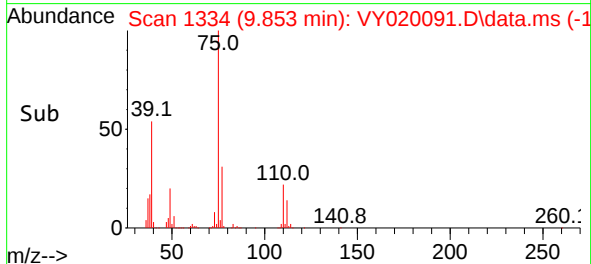
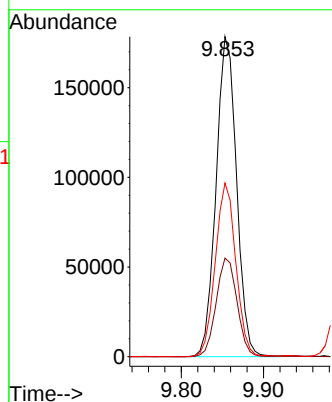
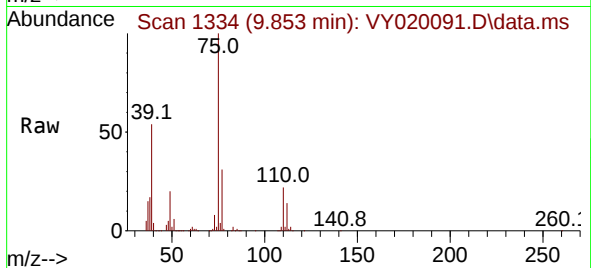
Tgt Ion: 75 Resp: 309171

Ion Ratio Lower Upper

75 100

77 30.8 25.4 38.0

39 54.3 29.8 44.6#



#55

1,1,2-Trichloroethane

Concen: 29.342 ug/l

RT: 10.573 min Scan# 1452

Delta R.T. 0.000 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Tgt Ion: 97 Resp: 62408

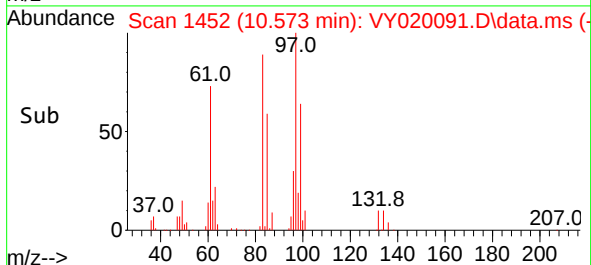
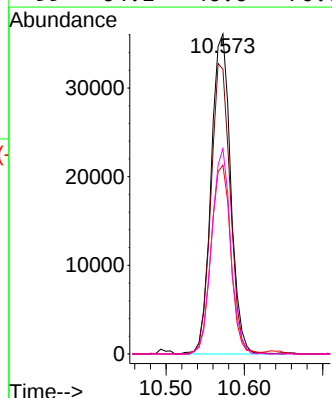
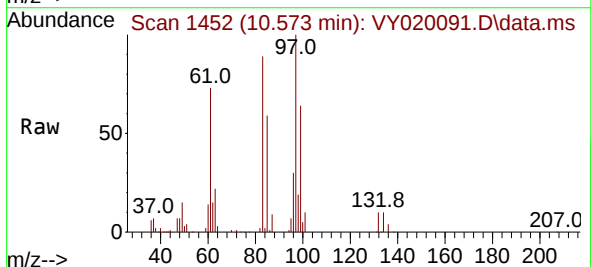
Ion Ratio Lower Upper

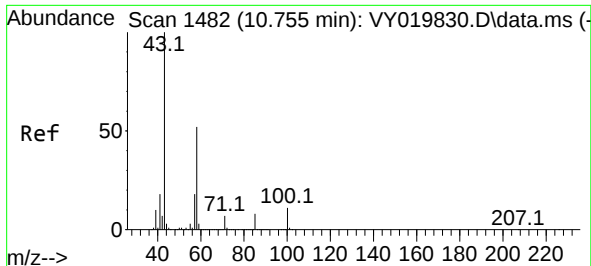
97 100

83 89.0 67.5 101.3

85 59.0 42.9 64.3

99 64.1 46.6 70.0

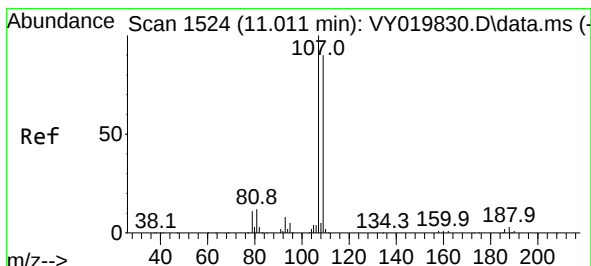
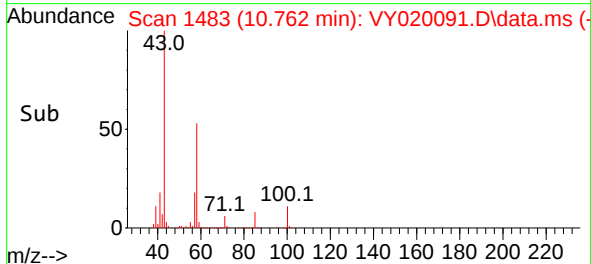
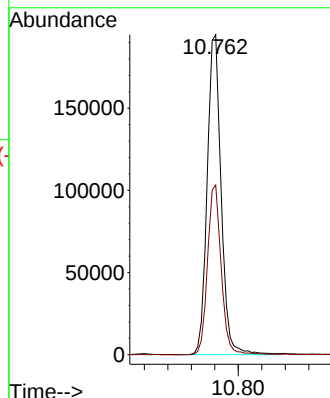
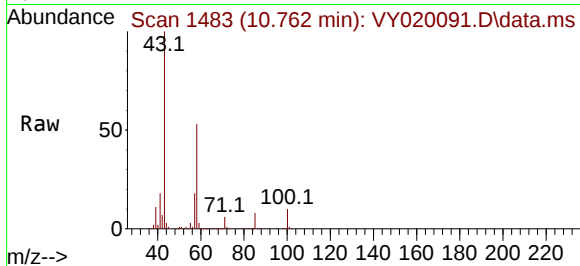




#59
2-Hexanone
Concen: 209.985 ug/l
RT: 10.762 min Scan# 1483
Delta R.T. 0.000 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

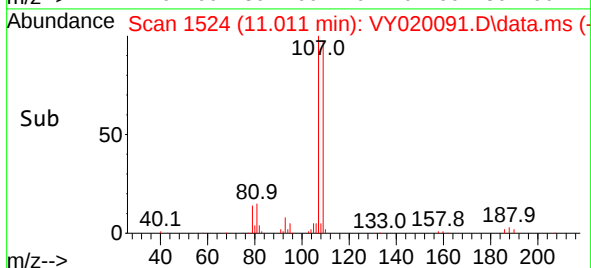
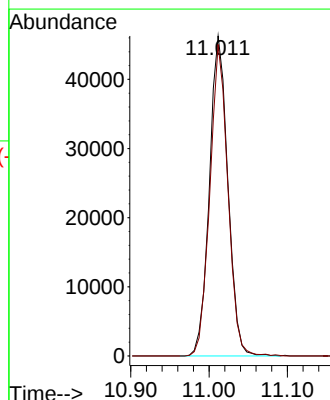
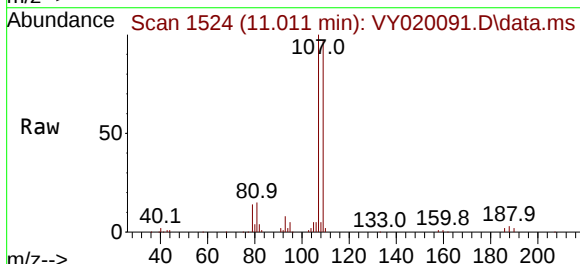
Instrument :
MSVOA_Y
ClientSampleId :

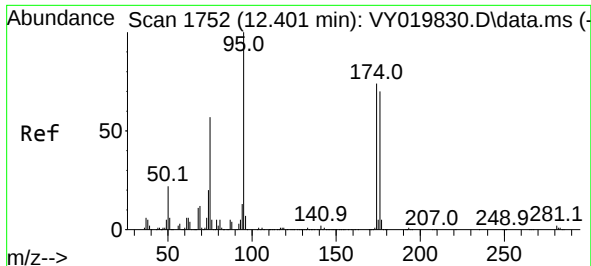
Tgt Ion: 43 Resp: 321503
Ion Ratio Lower Upper
43 100
58 51.8 31.4 94.0



#61
1,2-Dibromoethane
Concen: 38.385 ug/l
RT: 11.011 min Scan# 1524
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion:107 Resp: 75850
Ion Ratio Lower Upper
107 100
109 94.8 75.9 113.9

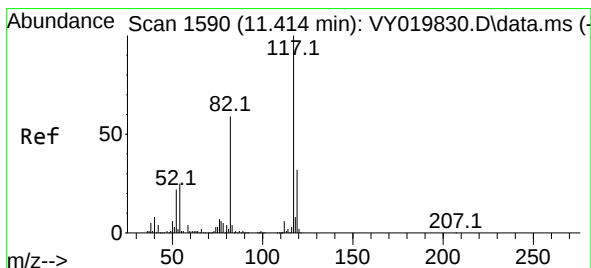
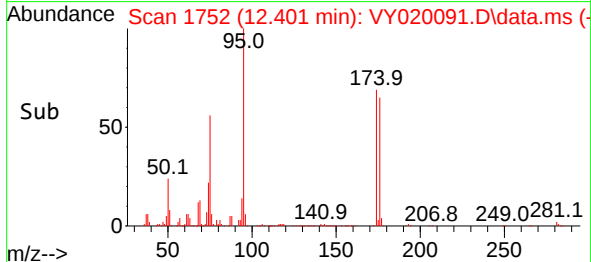
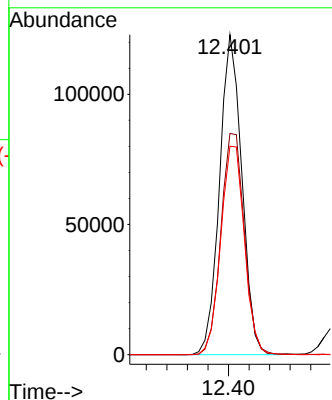
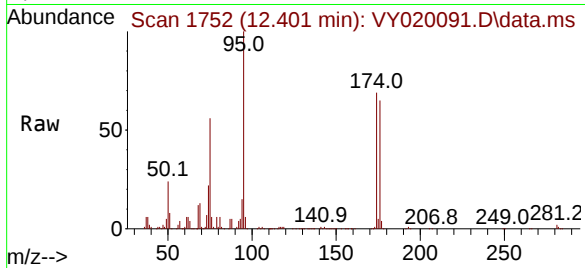




#62
4-Bromofluorobenzene
Concen: 48.784 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

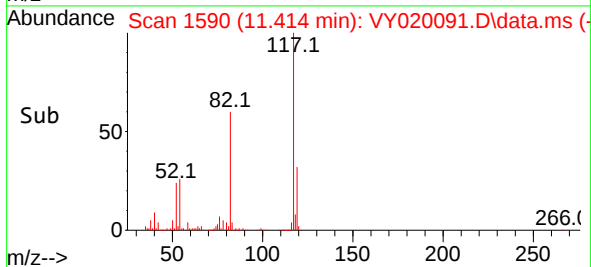
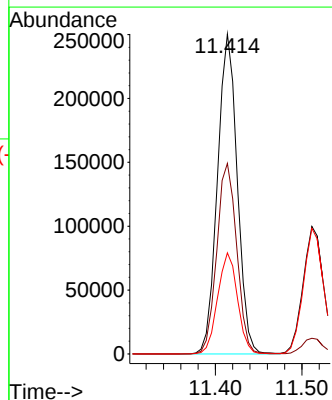
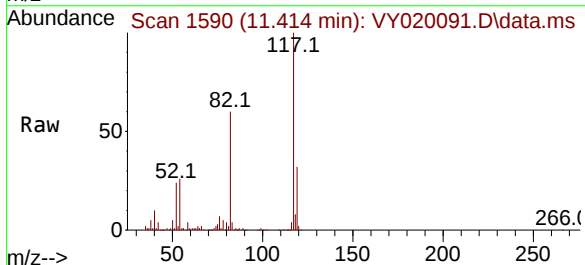
Instrument :
MSVOA_Y
ClientSampleId :

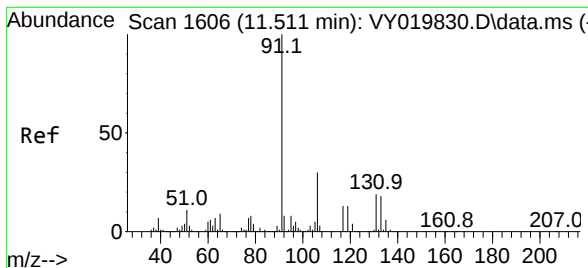
Tgt Ion: 95 Resp: 184583
Ion Ratio Lower Upper
95 100
174 73.0 0.0 175.6
176 69.3 0.0 171.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 1590
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 117 Resp: 397276
Ion Ratio Lower Upper
117 100
82 59.6 42.4 63.6
119 31.6 25.9 38.9

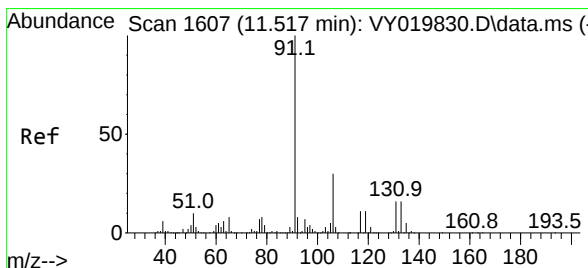
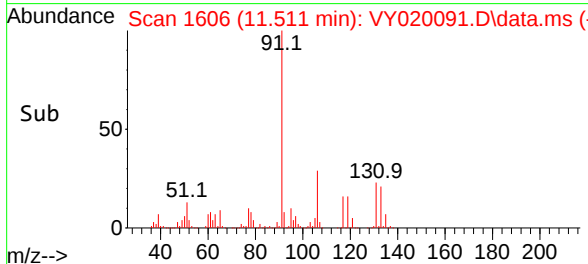
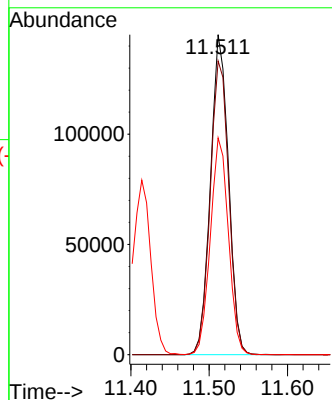
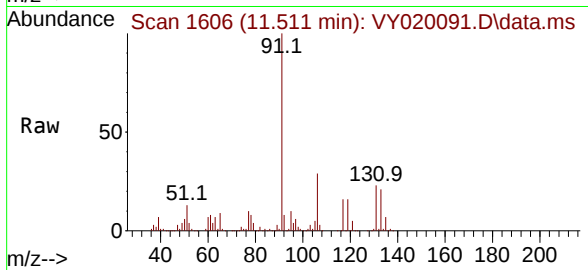




#66
1,1,1,2-Tetrachloroethane
Concen: 85.879 ug/l
RT: 11.511 min Scan# 1606
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

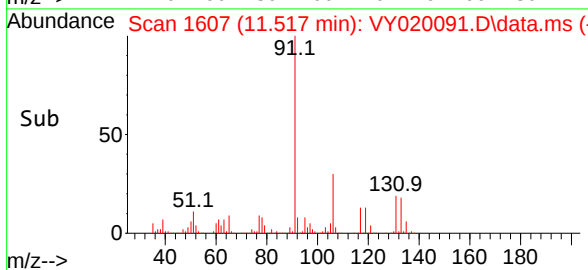
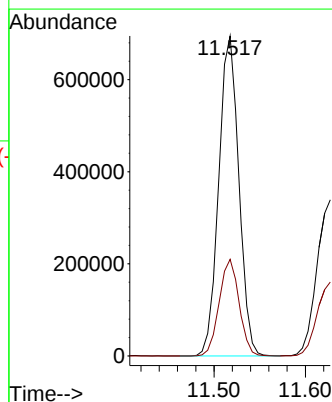
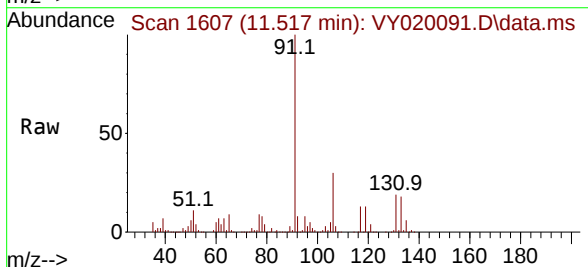
Instrument :
MSVOA_Y
ClientSampleId :

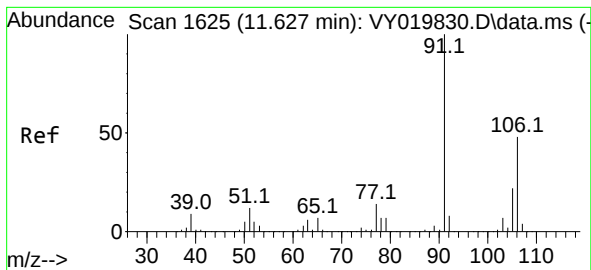
Tgt Ion:131 Resp: 232261
Ion Ratio Lower Upper
131 100
133 94.6 47.8 143.3
119 67.9 34.1 102.2



#67
Ethyl Benzene
Concen: 67.185 ug/l
RT: 11.517 min Scan# 1607
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 91 Resp: 1063125
Ion Ratio Lower Upper
91 100
106 30.2 24.5 36.7

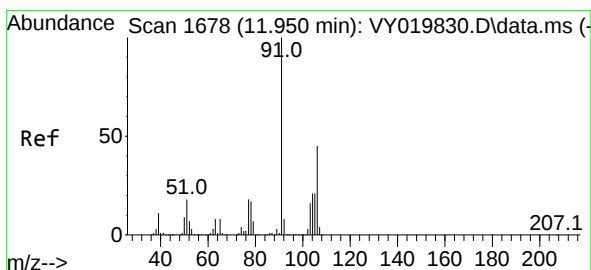
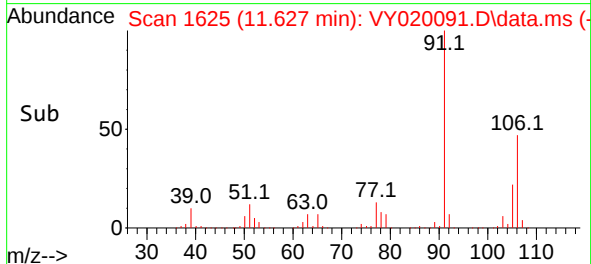
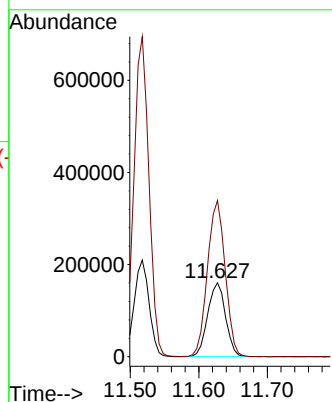
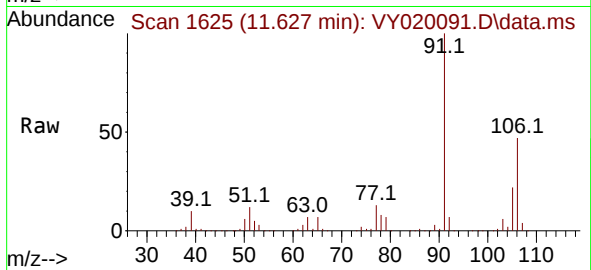




#68
m/p-Xylenes
Concen: 50.168 ug/l
RT: 11.627 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

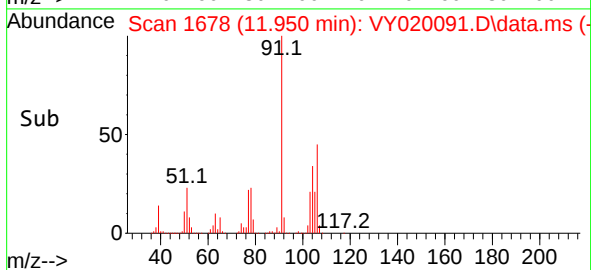
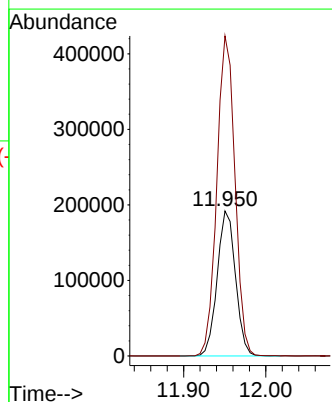
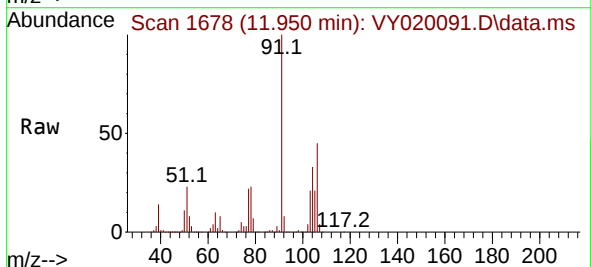
Instrument :
MSVOA_Y
ClientSampleId :

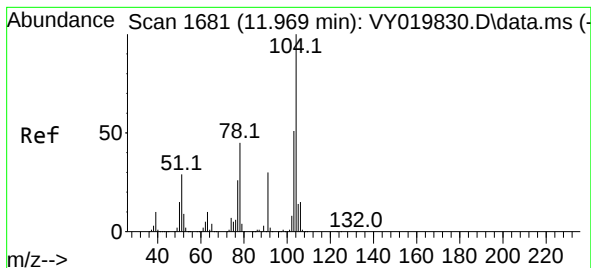
Tgt Ion:106 Resp: 290442
Ion Ratio Lower Upper
106 100
91 210.1 156.0 234.0



#69
o-Xylene
Concen: 54.188 ug/l
RT: 11.950 min Scan# 1678
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion:106 Resp: 297016
Ion Ratio Lower Upper
106 100
91 218.7 103.6 310.8





#70

Styrene

Concen: 89.039 ug/l

RT: 11.969 min Scan# 1

Delta R.T. 0.000 min

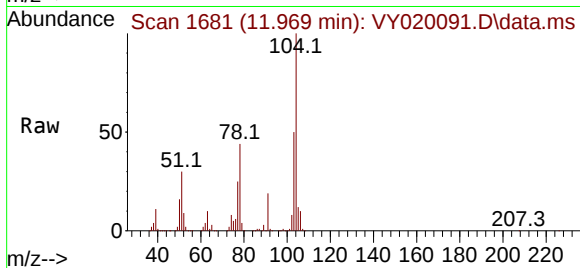
Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :



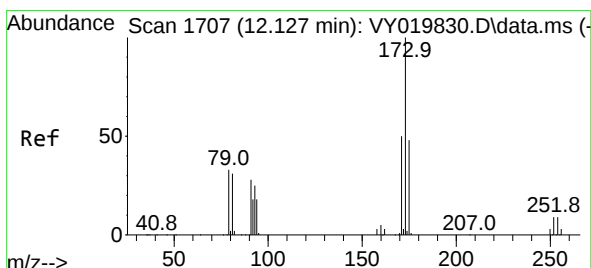
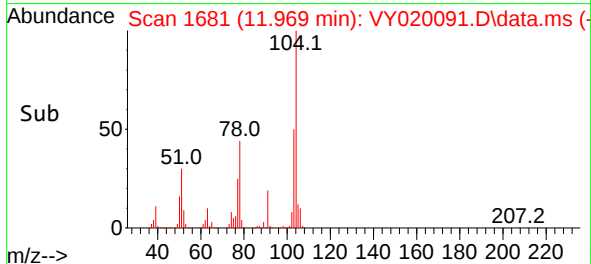
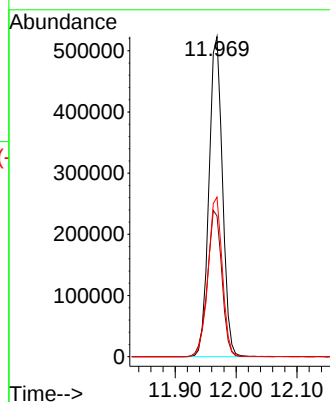
Tgt Ion:104 Resp: 806937

Ion Ratio Lower Upper

104 100

78 49.0 37.0 55.4

103 52.6 44.2 66.2



#71

Bromoform

Concen: 45.975 ug/l

RT: 12.127 min Scan# 1707

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

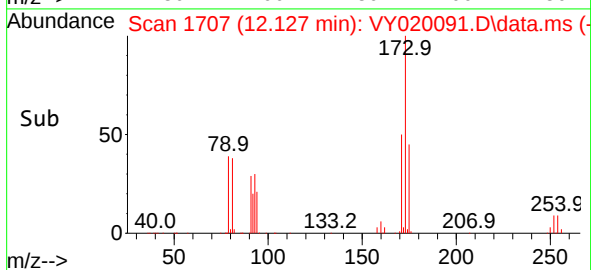
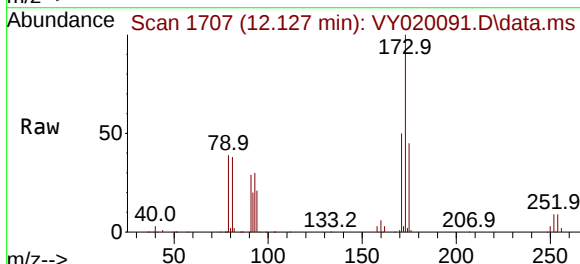
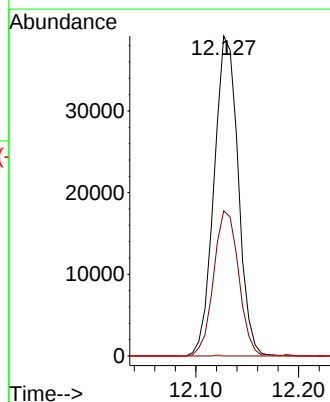
Tgt Ion:173 Resp: 63788

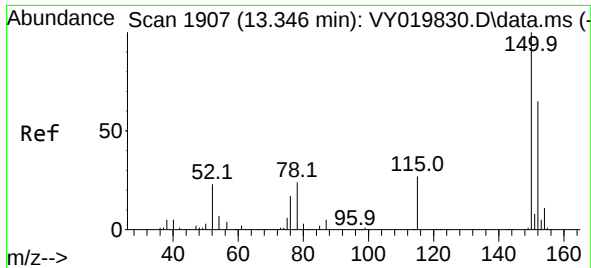
Ion Ratio Lower Upper

173 100

175 47.0 25.1 75.3

254 0.1 0.0 0.0#

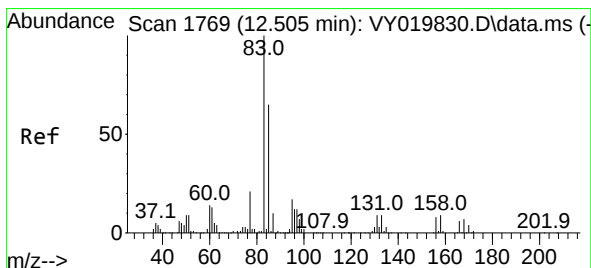
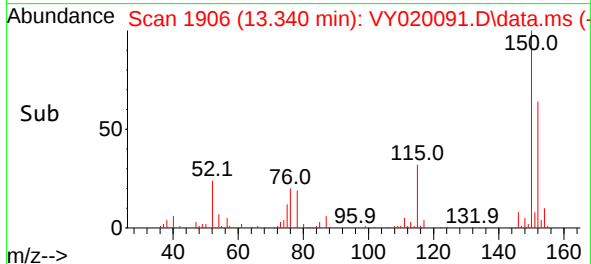
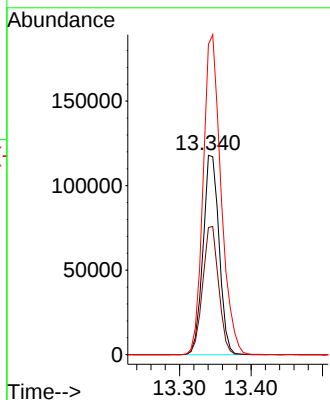
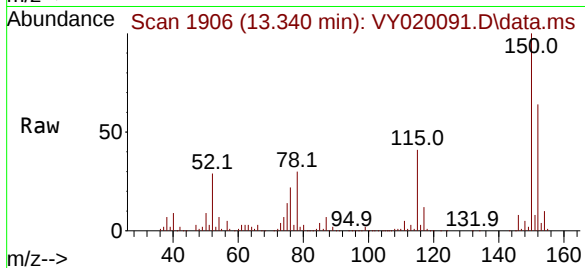




#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.340 min Scan# 1907
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

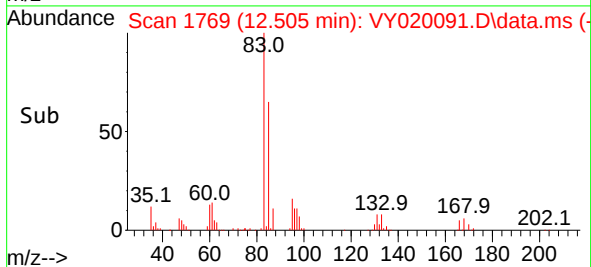
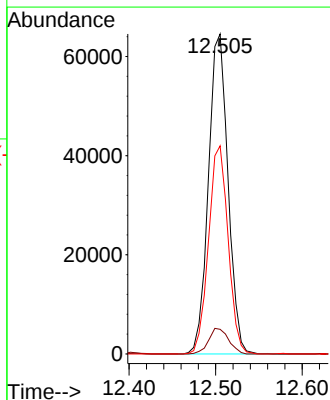
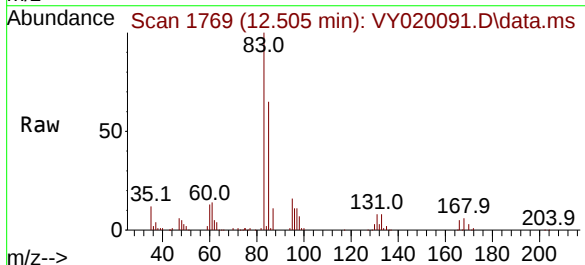
Instrument :
MSVOA_Y
ClientSampleId :

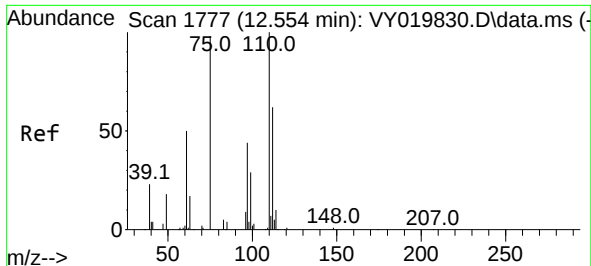
Tgt Ion:152 Resp: 183872
Ion Ratio Lower Upper
152 100
115 64.1 28.2 84.7
150 178.6 0.0 345.6



#75
1,1,2,2-Tetrachloroethane
Concen: 39.435 ug/l
RT: 12.505 min Scan# 1769
Delta R.T. -0.006 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 83 Resp: 101303
Ion Ratio Lower Upper
83 100
131 8.2 5.0 14.9
85 65.1 32.0 96.0

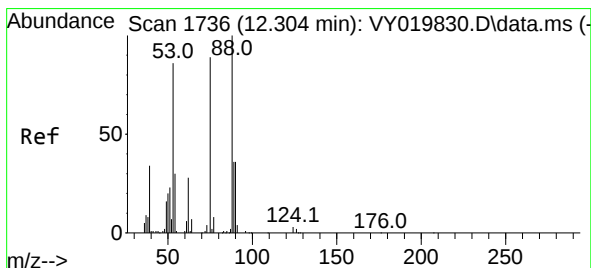
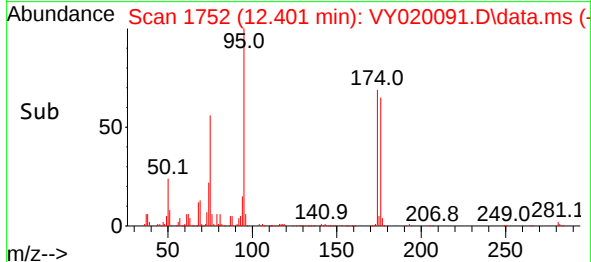
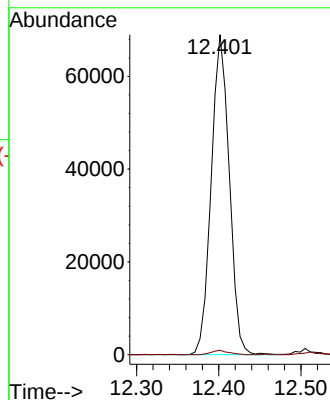
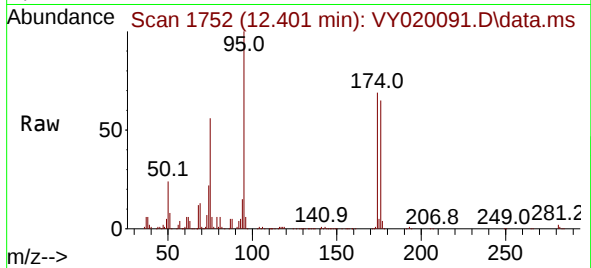




#76
1,2,3-Trichloropropane
Concen: 61.073 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. -0.158 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

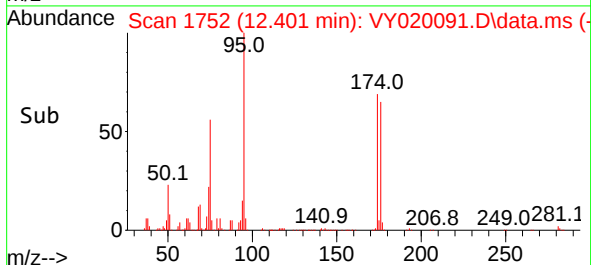
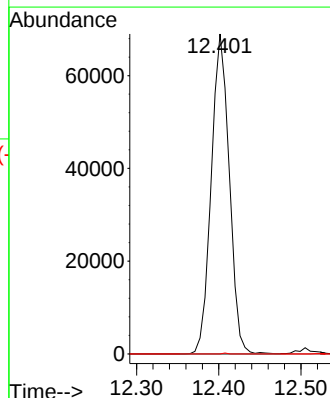
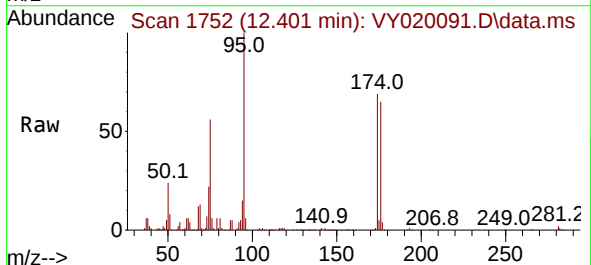
Instrument :
MSVOA_Y
ClientSampleId :

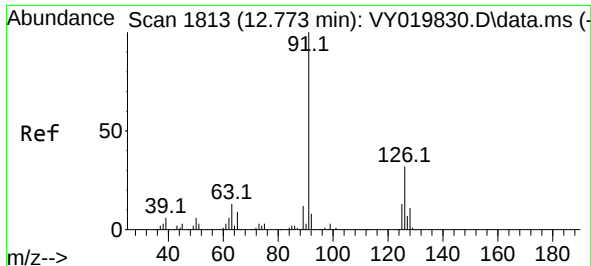
Tgt Ion: 75 Resp: 105266
Ion Ratio Lower Upper
75 100
77 1.3 0.0 0.0#



#81
trans-1,4-Dichloro-2-butene
Concen: 131.366 ug/l
RT: 12.401 min Scan# 1752
Delta R.T. 0.098 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion: 75 Resp: 105266
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.1 35.8 53.6#





#82

4-Chlorotoluene

Concen: 20.778 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. 0.214 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

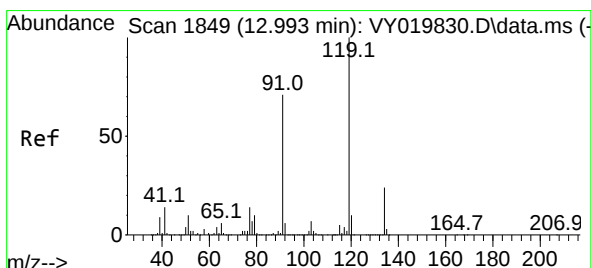
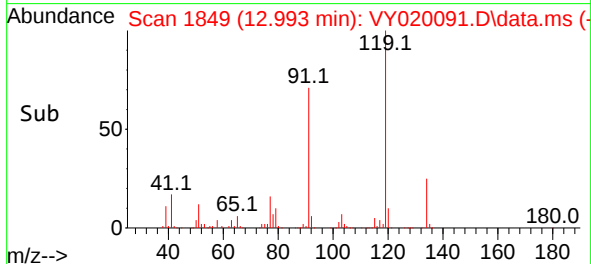
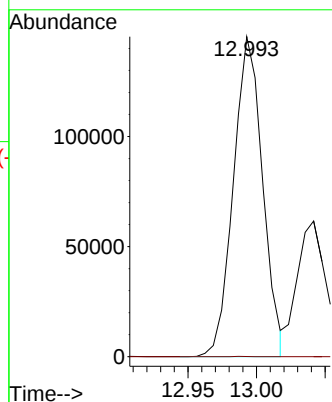
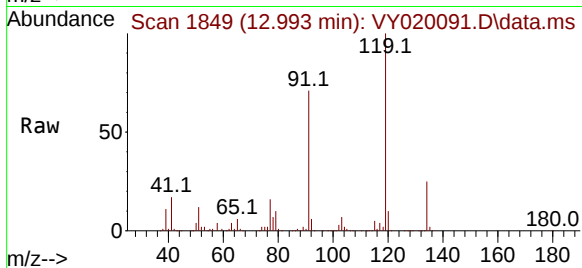
ClientSampleId :

Tgt Ion: 91 Resp: 214974

Ion Ratio Lower Upper

91 100

126 0.0 17.6 52.9#



#83

tert-Butylbenzene

Concen: 30.294 ug/l

RT: 12.993 min Scan# 1849

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

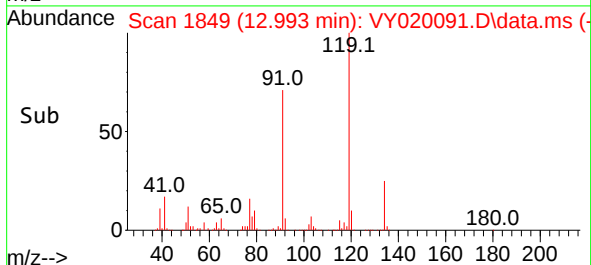
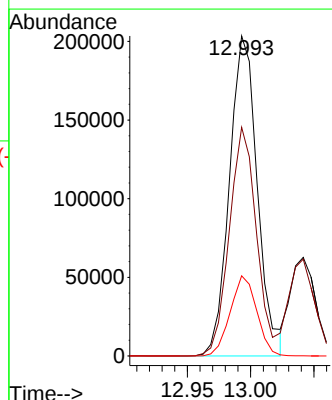
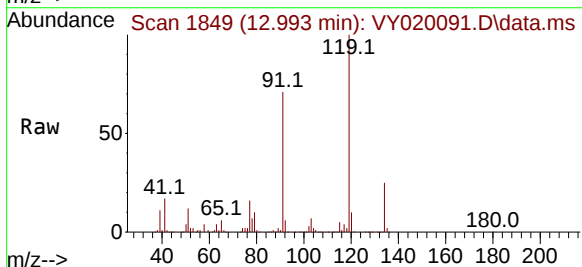
Tgt Ion: 119 Resp: 312380

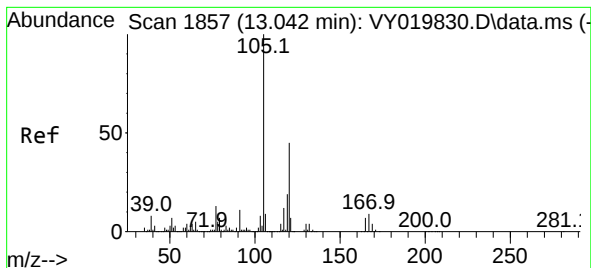
Ion Ratio Lower Upper

119 100

91 68.8 31.3 93.8

134 23.8 13.4 40.1





#84

1,2,4-Trimethylbenzene

Concen: 67.832 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

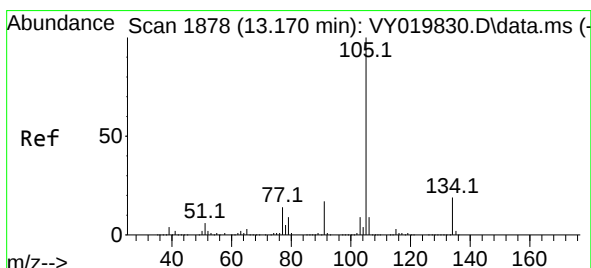
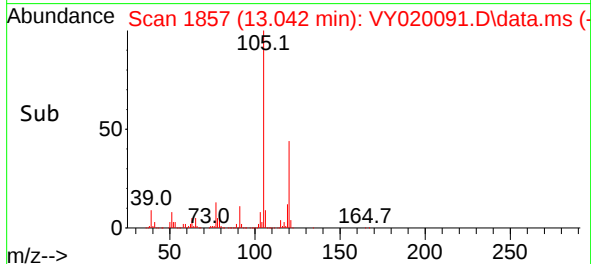
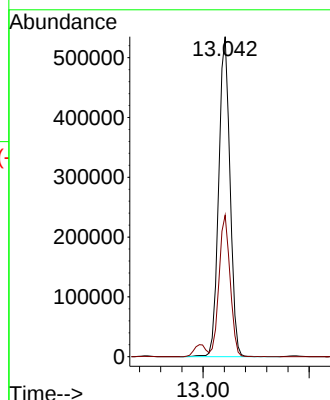
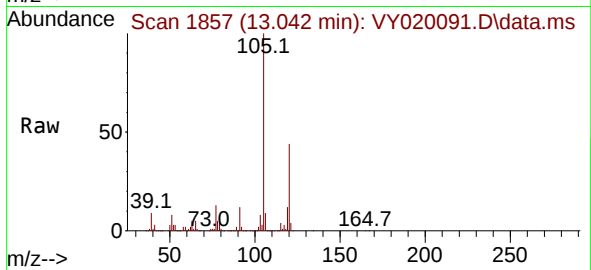
ClientSampleId :

Tgt Ion:105 Resp: 792287

Ion Ratio Lower Upper

105 100

120 43.3 23.2 69.6



#85

sec-Butylbenzene

Concen: 50.049 ug/l

RT: 13.042 min Scan# 1857

Delta R.T. -0.134 min

Lab File: VY020091.D

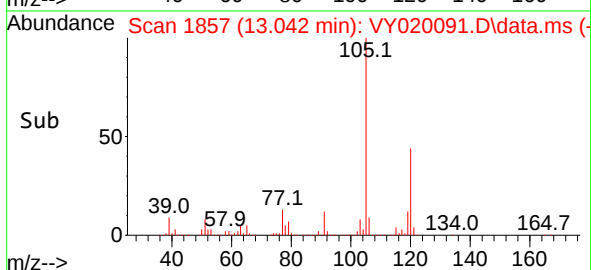
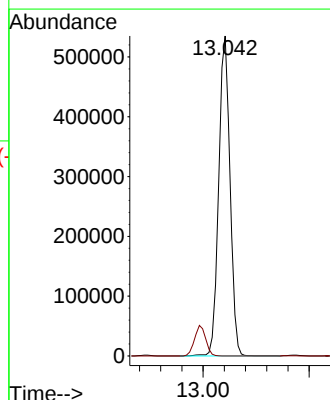
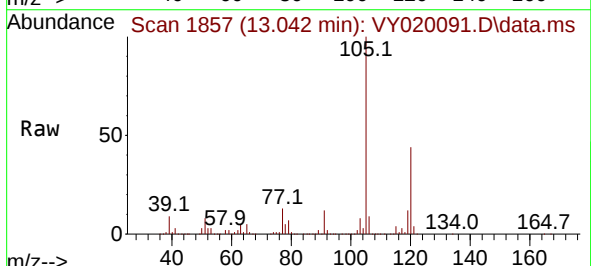
Acq: 31 Oct 2024 13:51

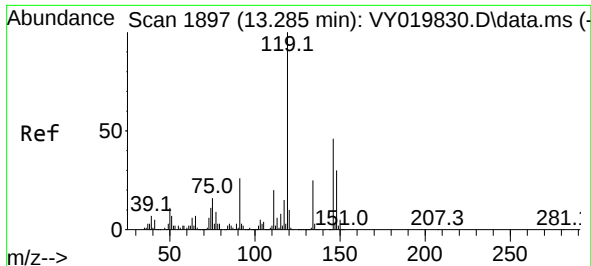
Tgt Ion:105 Resp: 792287

Ion Ratio Lower Upper

105 100

134 0.0 10.1 30.1#

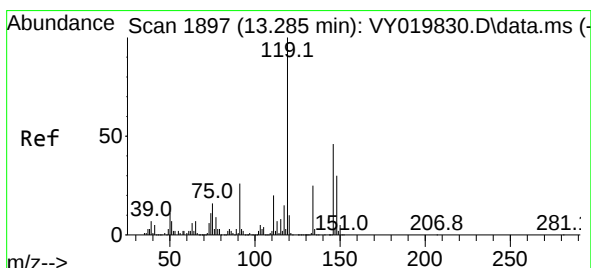
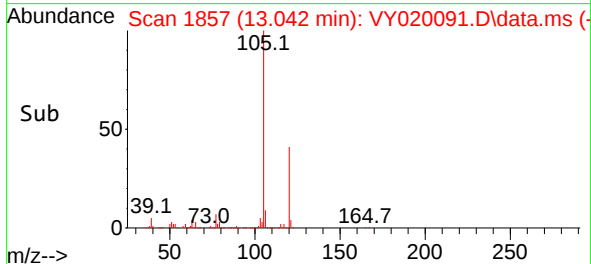
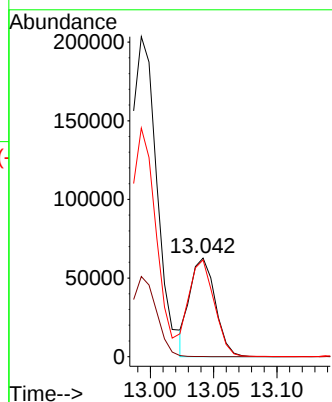
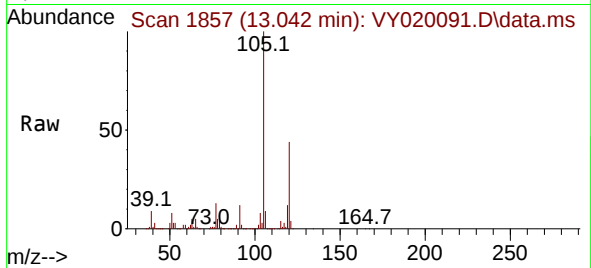




#86
p-Isopropyltoluene
Concen: 6.901 ug/l
RT: 13.042 min Scan# 11
Delta R.T. -0.250 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

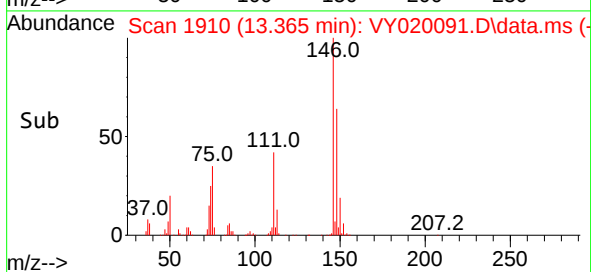
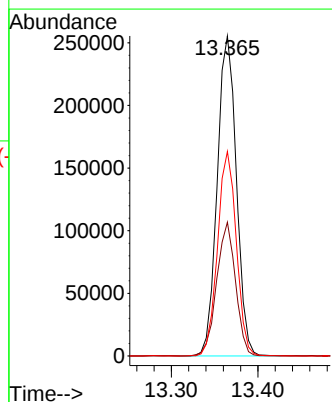
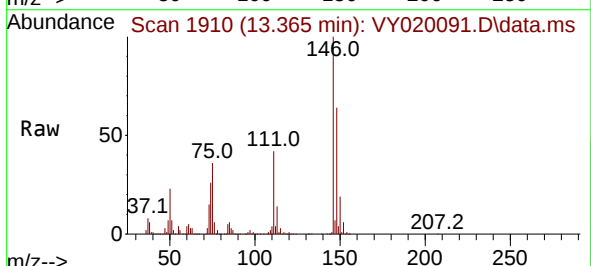
Instrument :
MSVOA_Y
ClientSampleId :

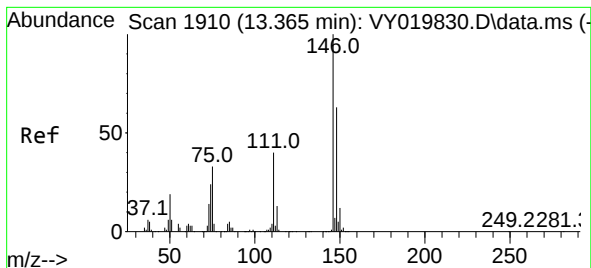
Tgt Ion:119 Resp: 87660
Ion Ratio Lower Upper
119 100
134 0.0 13.1 39.3#
91 102.1 10.7 32.1#



#87
1,3-Dichlorobenzene
Concen: 64.992 ug/l
RT: 13.365 min Scan# 1910
Delta R.T. 0.073 min
Lab File: VY020091.D
Acq: 31 Oct 2024 13:51

Tgt Ion:146 Resp: 392213
Ion Ratio Lower Upper
146 100
111 41.3 19.0 57.0
148 62.7 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 65.262 ug/l

RT: 13.365 min Scan# 1910

Delta R.T. -0.006 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

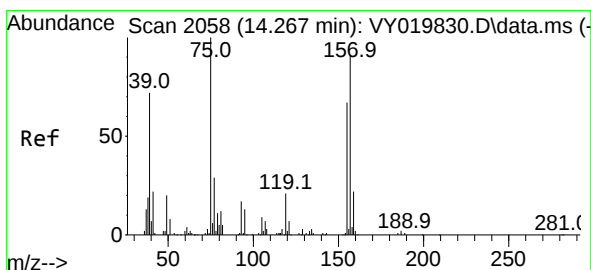
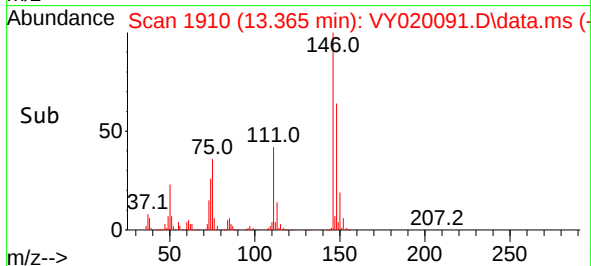
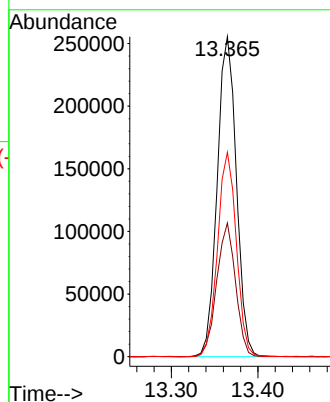
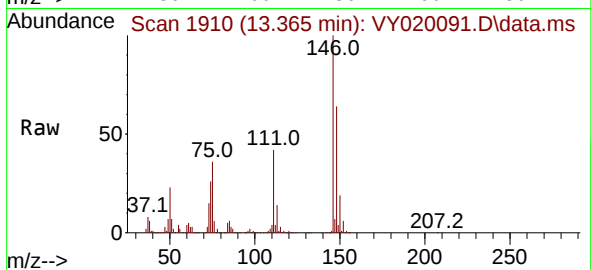
Tgt Ion:146 Resp: 392213

Ion Ratio Lower Upper

146 100

111 41.3 18.4 55.4

148 62.7 32.4 97.2



#92

1,2-Dibromo-3-Chloropropane

Concen: 53.490 ug/l

RT: 14.273 min Scan# 2059

Delta R.T. 0.000 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

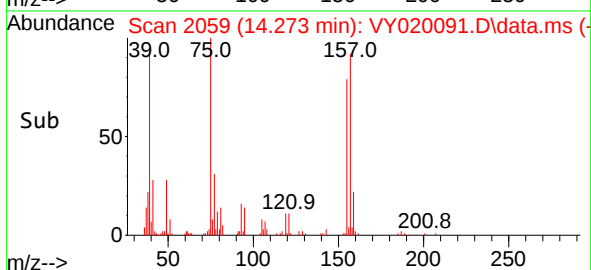
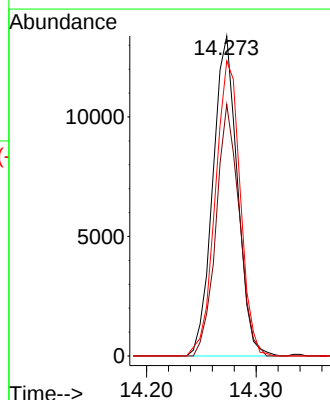
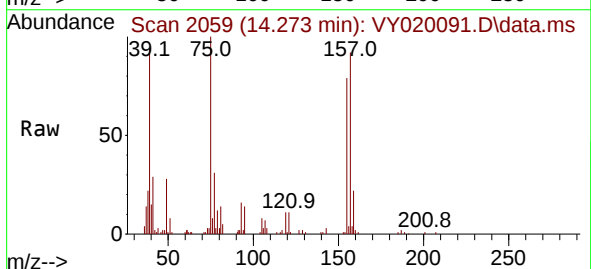
Tgt Ion: 75 Resp: 20839

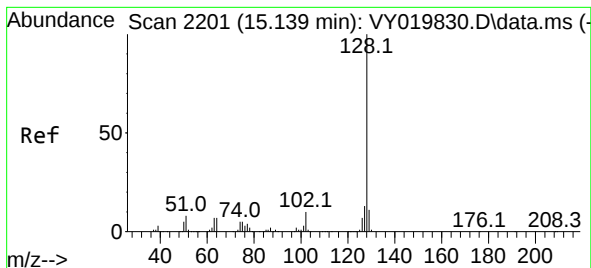
Ion Ratio Lower Upper

75 100

155 74.3 48.6 145.8

157 93.6 62.7 188.2





#95

Naphthalene

Concen: 30.215 ug/l

RT: 15.145 min Scan# 2201

Delta R.T. 0.000 min

Lab File: VY020091.D

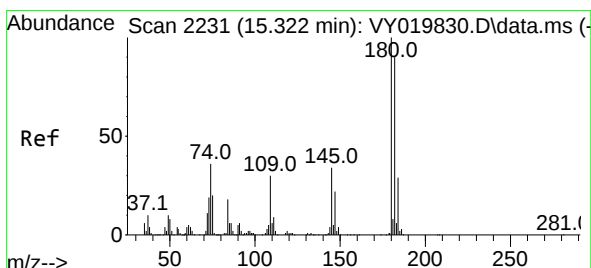
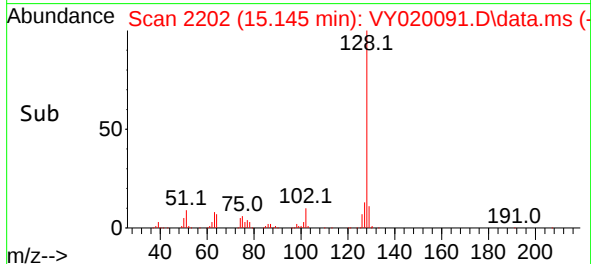
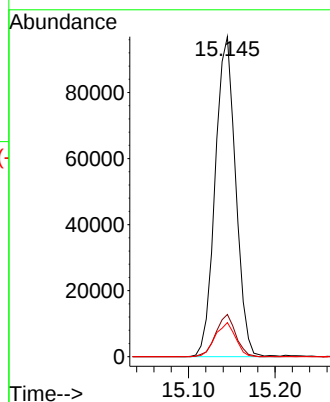
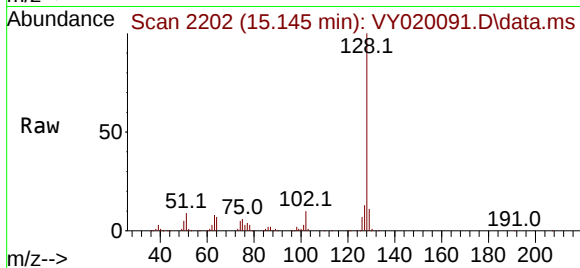
Acq: 31 Oct 2024 13:51

Instrument :

MSVOA_Y

ClientSampleId :

Tgt Ion:128	Resp: 159157
Ion Ratio	Lower Upper
128	100
127	12.8 10.6 16.0
129	10.6 8.6 13.0



#96

1,2,3-Trichlorobenzene

Concen: 53.745 ug/l

RT: 15.328 min Scan# 2232

Delta R.T. 0.000 min

Lab File: VY020091.D

Acq: 31 Oct 2024 13:51

Tgt Ion:180	Resp: 128558
Ion Ratio	Lower Upper
180	100
182	92.4 47.6 142.9
145	34.4 15.4 46.1

