

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018183.D
 Acq On : 08 May 2024 12:21
 Operator : SY/MD
 Sample : P2252-23
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:24:03 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 08 01:40:14 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	241702	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	394027	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	341728	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160479	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	102569	57.684	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.360%
35) Dibromofluoromethane	7.710	113	120833	58.351	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	116.700%
50) Toluene-d8	10.179	98	462518	56.680	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.360%
62) 4-Bromofluorobenzene	12.483	95	147802	56.086	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	112.180%
Target Compounds						
						Qvalue
5) Bromomethane	2.644	94	2733	1.265	ug/l	95
11) Tert butyl alcohol	4.912	59	7387	37.189	ug/l #	90
12) 1,1-Dichloroethene	3.863	96	242640	103.805	ug/l	97
13) Acrolein	3.711	56	291	Below Cal	#	15
16) Acetone	3.936	43	237493	669.291	ug/l	93
20) Methylene Chloride	4.704	84	413668	164.933	ug/l	97
24) 1,1-Dichloroethane	6.009	63	309001	79.533	ug/l	99
25) 2-Butanone	6.972	43	292112	514.994	ug/l	93
26) 2,2-Dichloropropane	6.966	77	395696	112.529	ug/l	97
27) cis-1,2-Dichloroethene	6.972	96	5505	1.880	ug/l #	1
28) Bromochloromethane	7.326	49	213280	137.344	ug/l	96
30) Chloroform	7.496	83	210391	51.872	ug/l	98
31) Cyclohexane	7.777	56	4977	Below Cal	#	6
32) 1,1,1-Trichloroethane	7.698	97	508699	139.929	ug/l	99
36) 1,1-Dichloropropene	7.783	75	17094	5.758	ug/l #	50
37) Ethyl Acetate	6.972	43	292112	233.790	ug/l #	84
38) Carbon Tetrachloride	7.893	117	181676	56.008	ug/l	99
43) Isopropyl Acetate	8.338	43	320231	125.038	ug/l #	9
44) Trichloroethene	8.941	130	3210	1.235	ug/l	91
45) 1,2-Dichloropropane	9.210	63	441621	211.541	ug/l	100
48) Methyl methacrylate	9.210	41	212800	181.295	ug/l #	20
49) 1,4-Dioxane	9.331	88	55	3.453	ug/l #	20
51) 4-Methyl-2-Pentanone	10.069	43	1455	1.130	ug/l #	84
52) Toluene	10.240	92	445424	72.457	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	499331	180.178	ug/l	96
54) cis-1,3-Dichloropropene	9.923	75	520593	153.676	ug/l	94
55) 1,1,2-Trichloroethane	10.642	97	338306	205.199	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.795	63	2091	1.956	ug/l #	55
59) 2-Hexanone	10.831	43	116119	129.017	ug/l	97
60) Dibromochloromethane	10.984	129	330837	154.668	ug/l	99
61) 1,2-Dibromoethane	11.087	107	166826	107.431	ug/l	99
64) Tetrachloroethene	10.721	164	219445	96.449	ug/l	98
65) Chlorobenzene	11.514	112	1294155	185.944	ug/l	98
67) Ethyl Benzene	11.593	91	422118	35.921	ug/l	95
68) m/p-Xylenes	11.703	106	659891	142.001	ug/l	97
69) o-Xylene	12.026	106	643566	144.309	ug/l	97

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

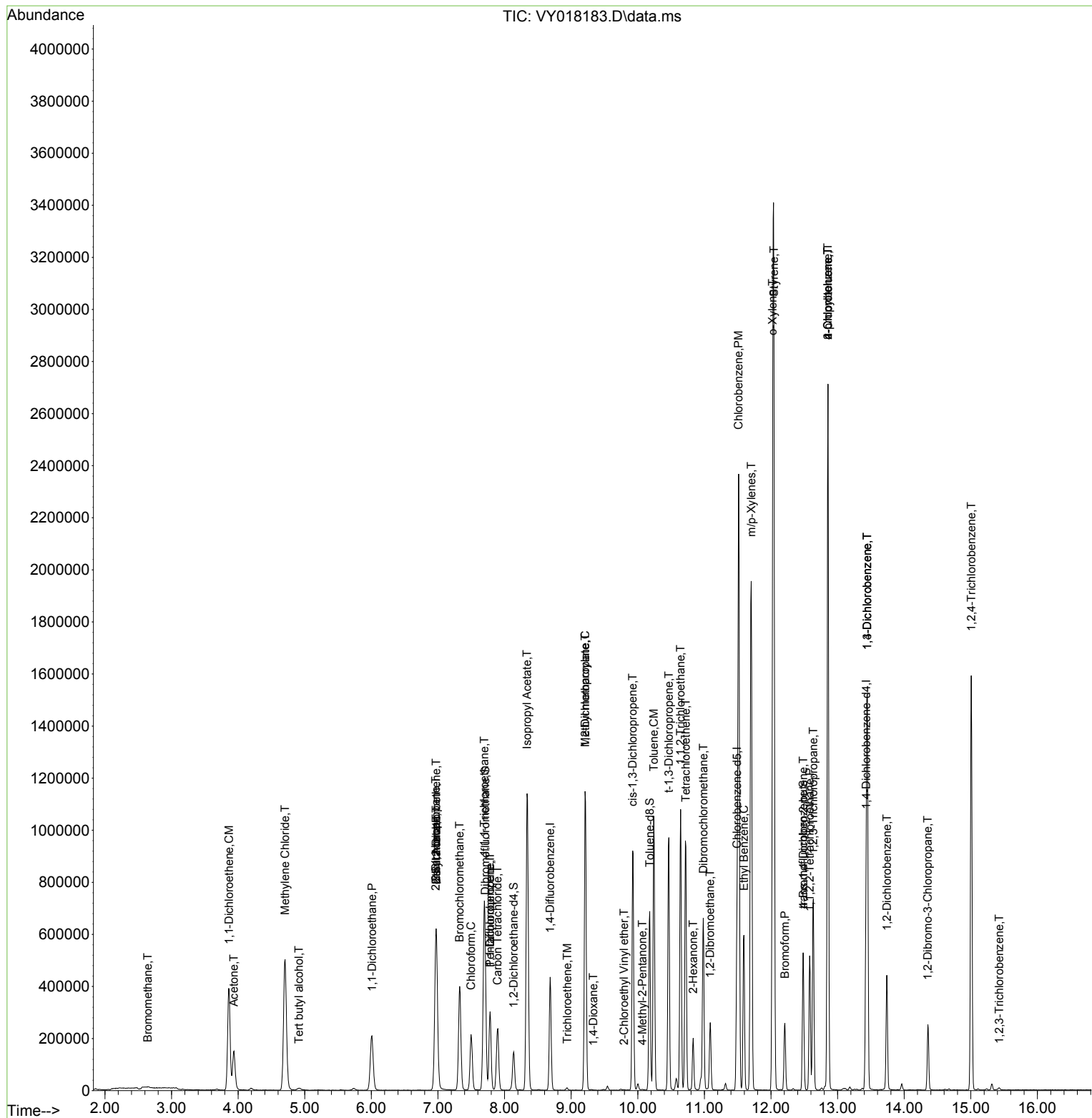
70) Styrene	12.044	104	1099548	147.638	ug/l	98
71) Bromoform	12.209	173	113062	90.767	ug/l #	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	242522	126.355	ug/l	100
76) 1,2,3-Trichloropropane	12.636	75	283458	220.670	ug/l #	100
78) n-propylbenzene	12.855	91	1451395	103.708	ug/l #	53
79) 2-Chlorotoluene	12.855	91	1451395	186.628	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	74220	111.322	ug/l #	16
82) 4-Chlorotoluene	12.855	91	1451395	185.796	ug/l	98
87) 1,3-Dichlorobenzene	13.447	146	607568	113.816	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	607568	116.751	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	178788	38.967	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	54255	207.595	ug/l	95
93) 1,2,4-Trichlorobenzene	15.007	180	499465	193.636	ug/l	98
96) 1,2,3-Trichlorobenzene	15.428	180	3007	1.421	ug/l	91

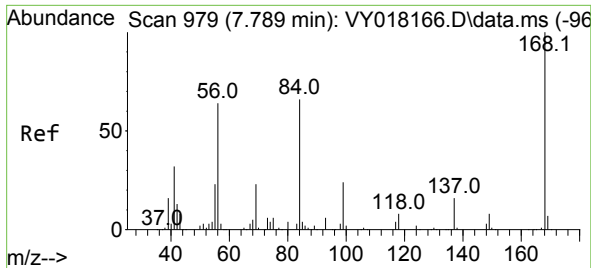
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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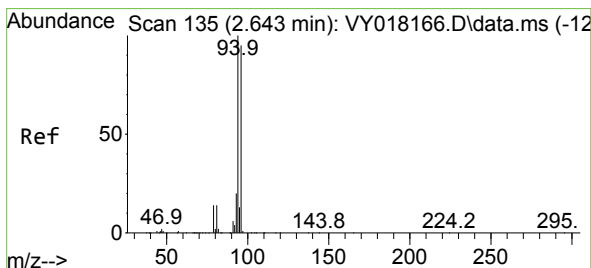
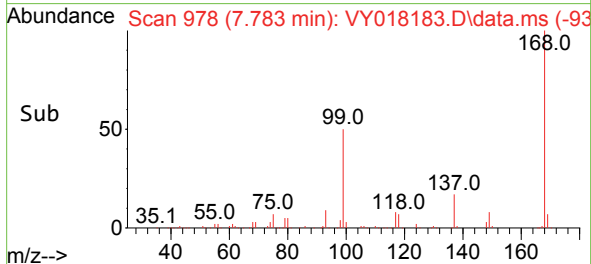
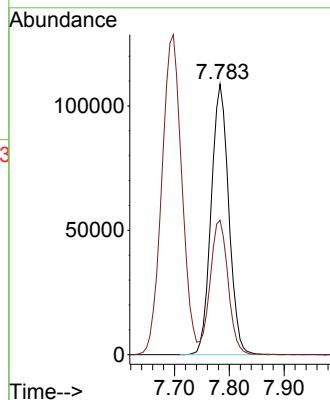
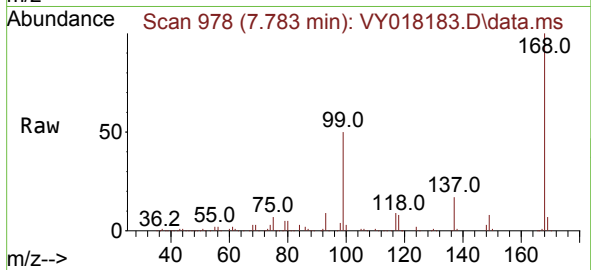




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

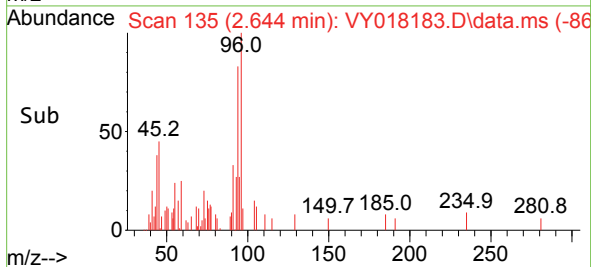
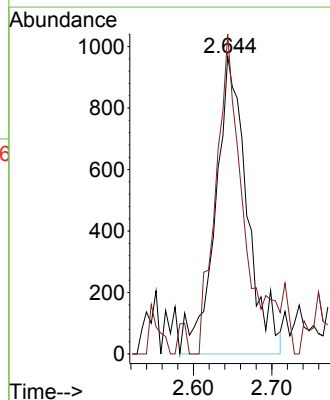
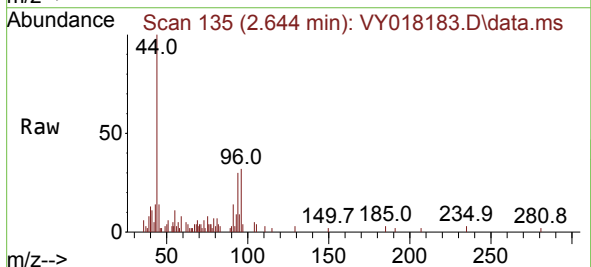
Instrument :
MSVOA_Y
ClientSampleId :

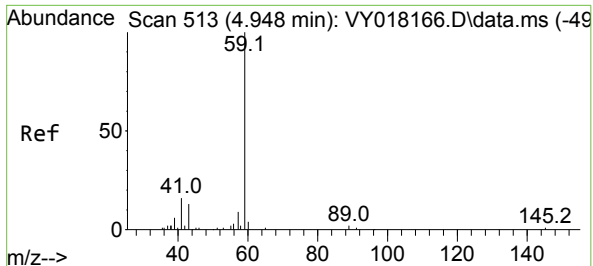
Tgt Ion:168 Resp: 241702
Ion Ratio Lower Upper
168 100
99 49.6 39.1 58.7



#5
Bromomethane
Concen: 1.265 ug/l
RT: 2.644 min Scan# 135
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 94 Resp: 2733
Ion Ratio Lower Upper
94 100
96 97.4 74.1 111.1





#11

Tert butyl alcohol

Concen: 37.189 ug/l

RT: 4.912 min Scan# 50

Delta R.T. -0.037 min

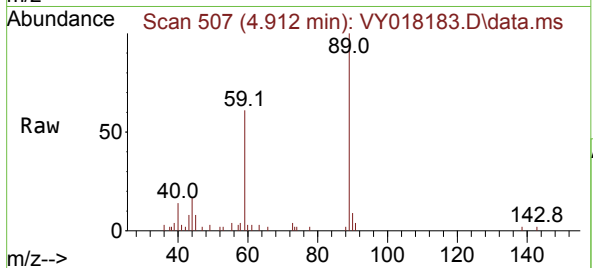
Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

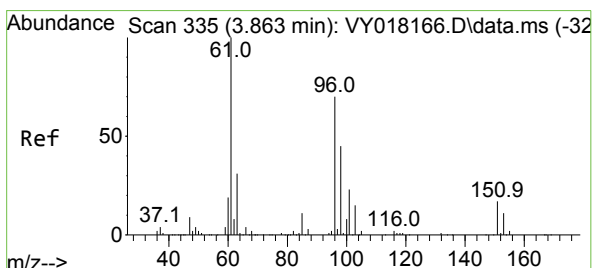
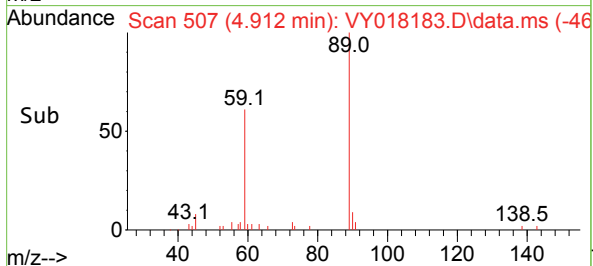
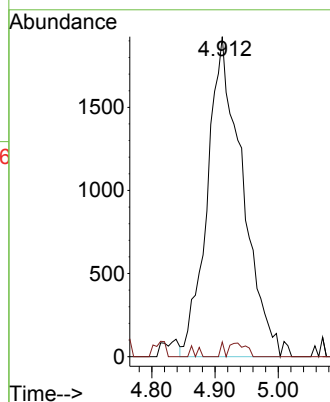


Tgt Ion: 59 Resp: 7387

Ion Ratio Lower Upper

59 100

57 0.4 3.0 4.6#



#12

1,1-Dichloroethene

Concen: 103.805 ug/l

RT: 3.863 min Scan# 335

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

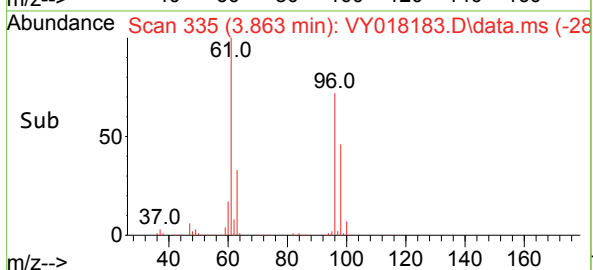
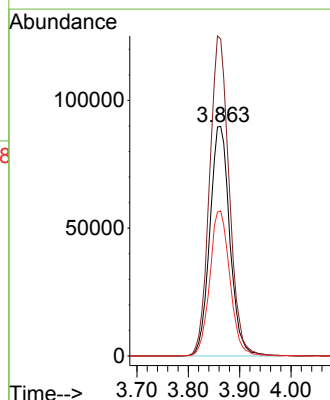
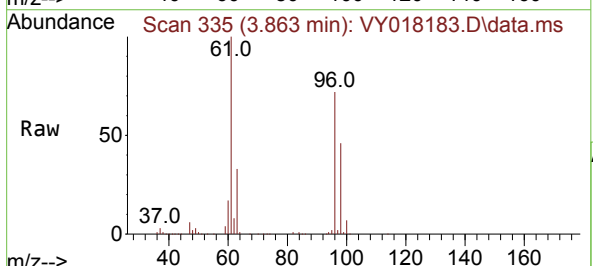
Tgt Ion: 96 Resp: 242640

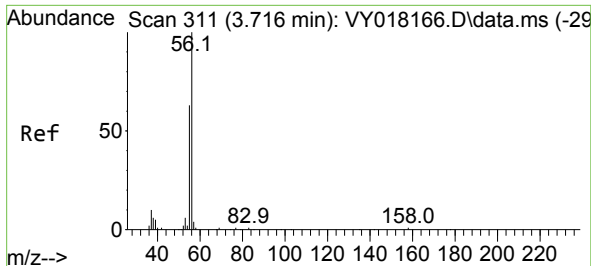
Ion Ratio Lower Upper

96 100

61 138.1 114.6 171.8

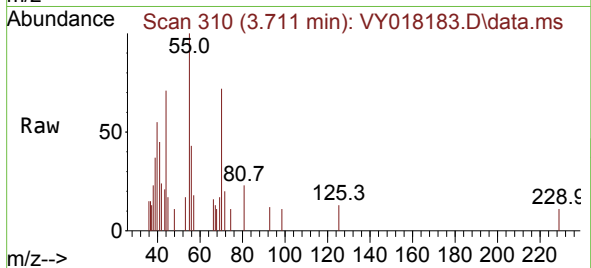
98 63.2 50.8 76.2



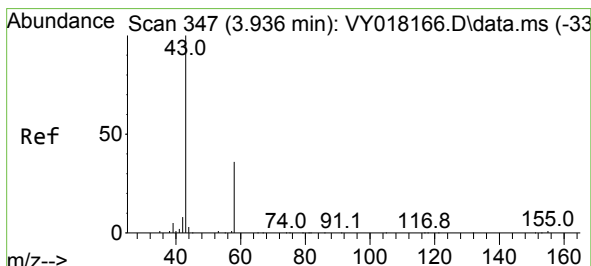
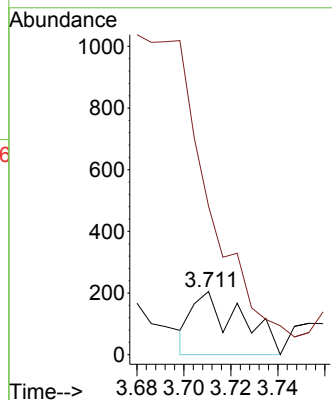
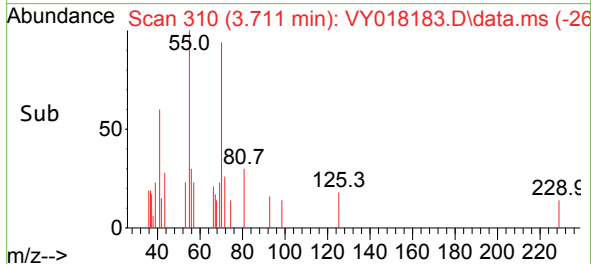


#13
Acrolein
Concen: Below Cal
RT: 3.711 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

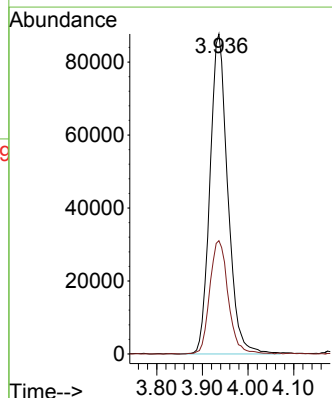
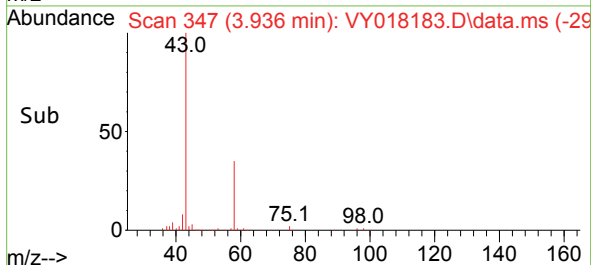
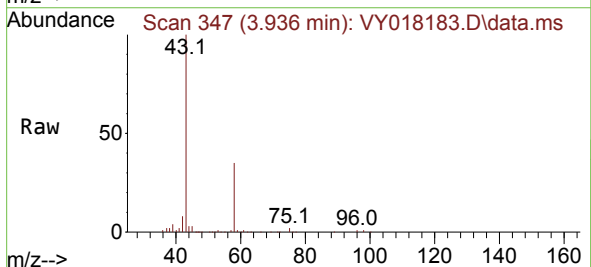


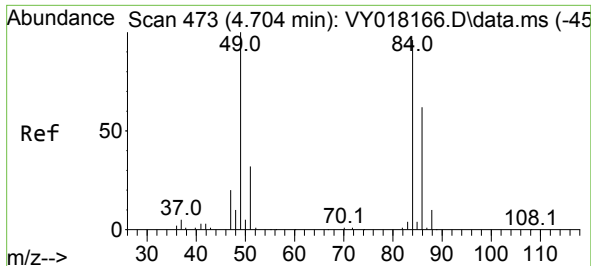
Tgt Ion: 56 Resp: 291
Ion Ratio Lower Upper
56 100
55 0.0 55.7 83.5#



#16
Acetone
Concen: 669.291 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 43 Resp: 237493
Ion Ratio Lower Upper
43 100
58 35.4 31.7 47.5



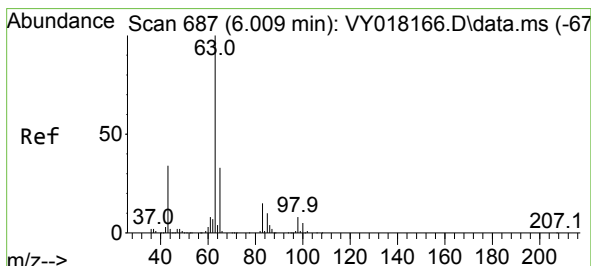
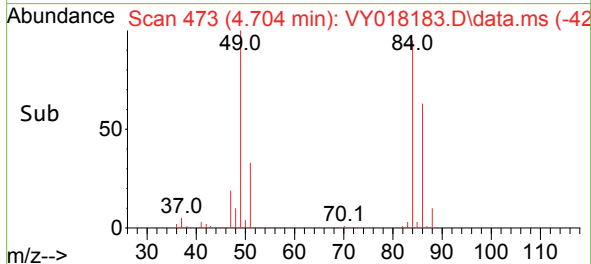
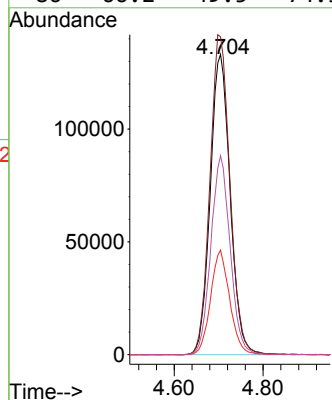
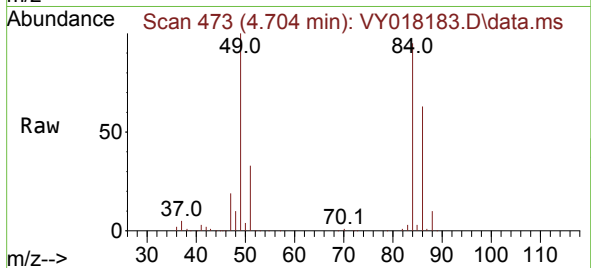


#20
Methylene Chloride
Concen: 164.933 ug/l
RT: 4.704 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 84 Resp: 413668

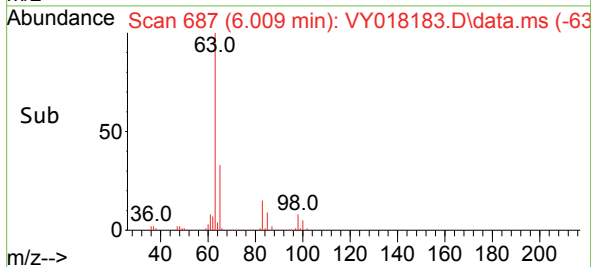
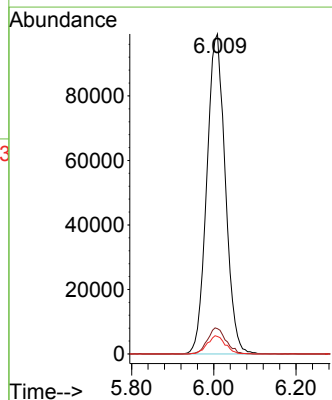
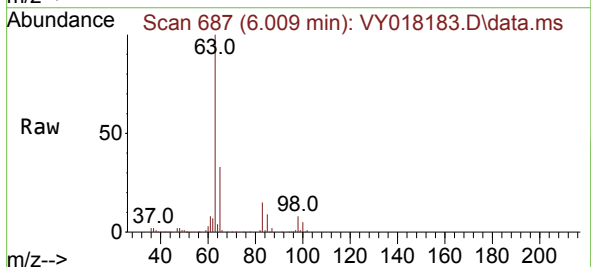
Ion	Ratio	Lower	Upper
84	100		
49	105.8	84.4	126.6
51	34.8	26.0	39.0
86	66.2	49.5	74.3

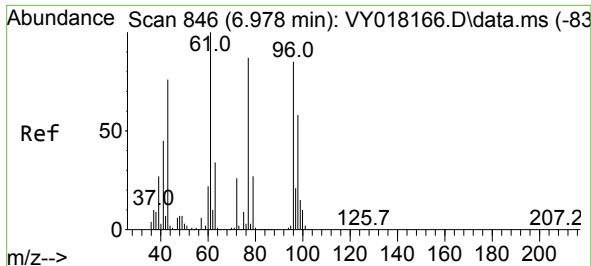


#24
1,1-Dichloroethane
Concen: 79.533 ug/l
RT: 6.009 min Scan# 687
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 63 Resp: 309001

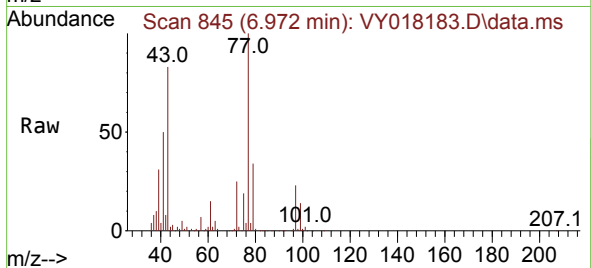
Ion	Ratio	Lower	Upper
63	100		
98	7.9	4.0	12.2
100	5.4	2.6	8.0



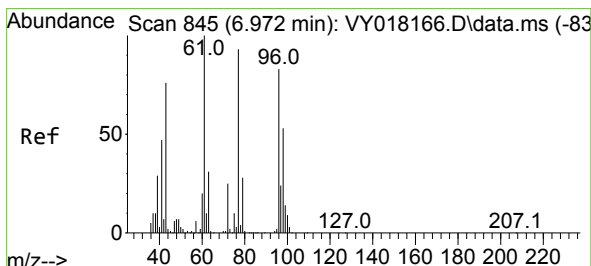
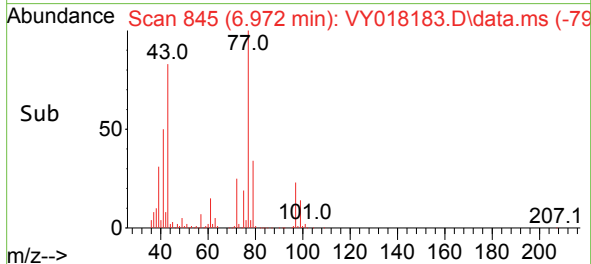
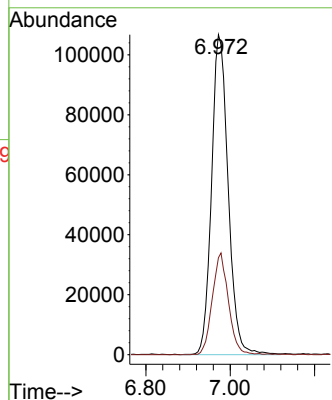


#25
2-Butanone
Concen: 514.994 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
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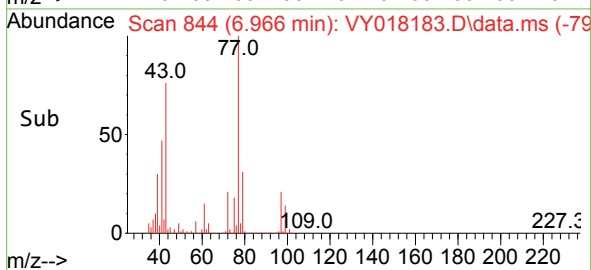
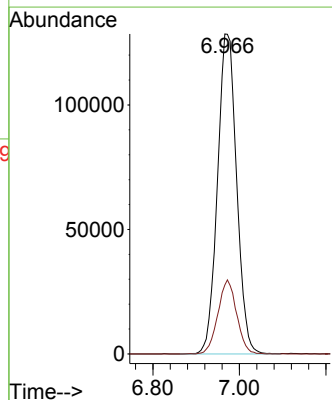
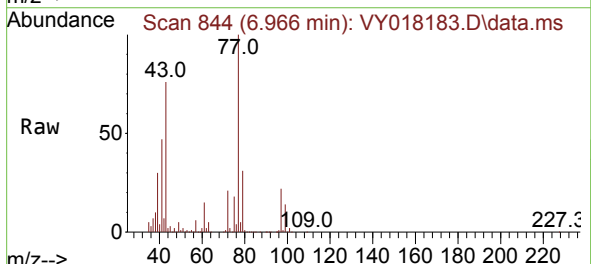


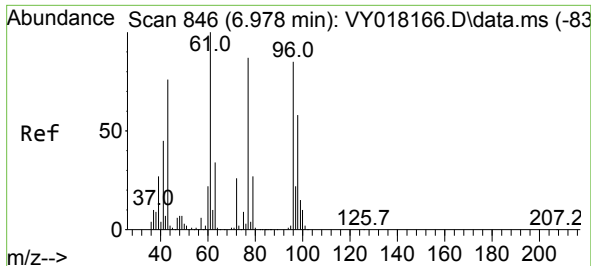
Tgt Ion: 43 Resp: 292112
Ion Ratio Lower Upper
43 100
72 30.3 27.3 40.9



#26
2,2-Dichloropropane
Concen: 112.529 ug/l
RT: 6.966 min Scan# 844
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

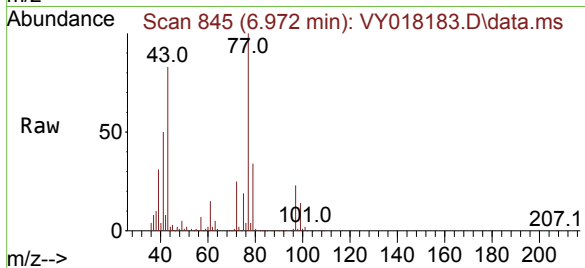
Tgt Ion: 77 Resp: 395696
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1



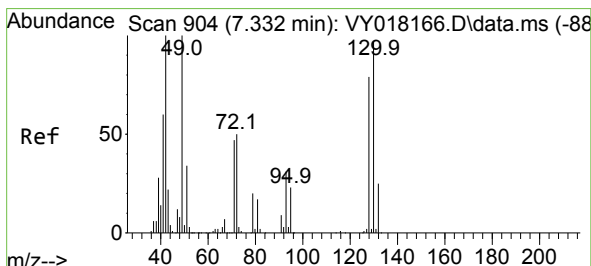
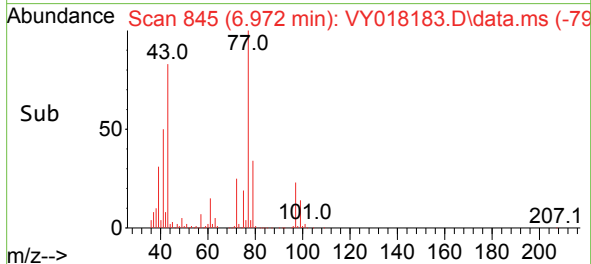
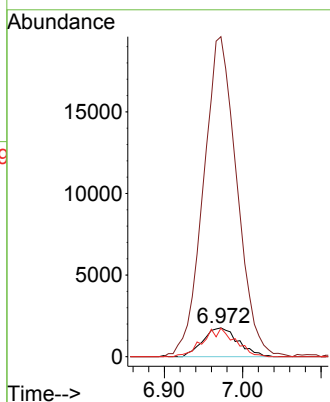


#27
 cis-1,2-Dichloroethene
 Concen: 1.880 ug/l
 RT: 6.972 min Scan# 846
 Delta R.T. -0.006 min
 Lab File: VY018183.D
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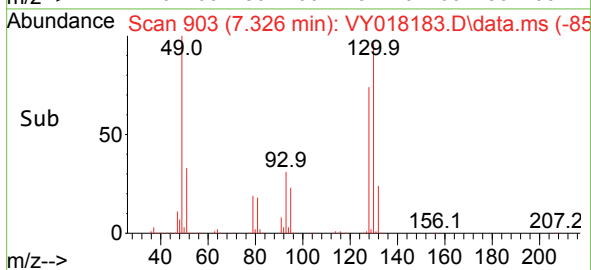
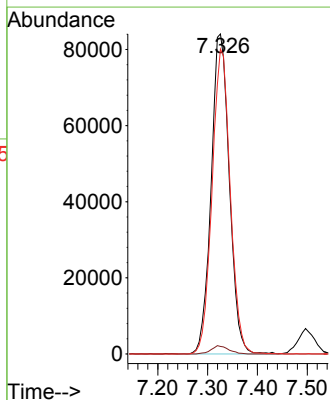
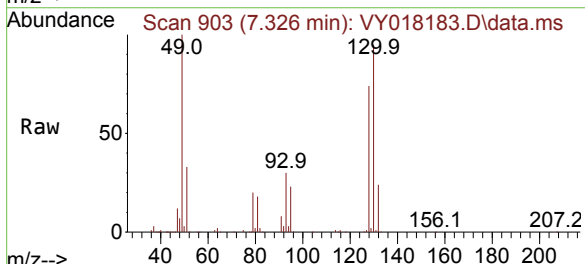


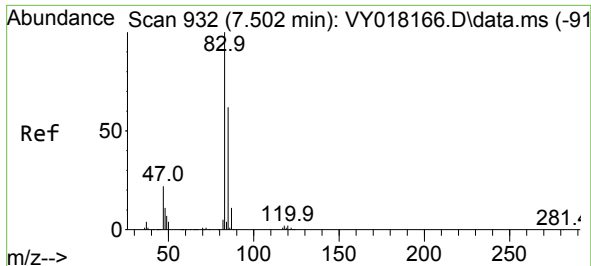
Tgt Ion: 96 Resp: 5505
 Ion Ratio Lower Upper
 96 100
 61 1057.2 0.0 256.2#
 98 91.0 0.0 130.0



#28
 Bromochloromethane
 Concen: 137.344 ug/l
 RT: 7.326 min Scan# 903
 Delta R.T. -0.006 min
 Lab File: VY018183.D
 Acq: 08 May 2024 12:21

Tgt Ion: 49 Resp: 213280
 Ion Ratio Lower Upper
 49 100
 129 2.5 0.0 4.6
 130 94.9 72.7 109.1

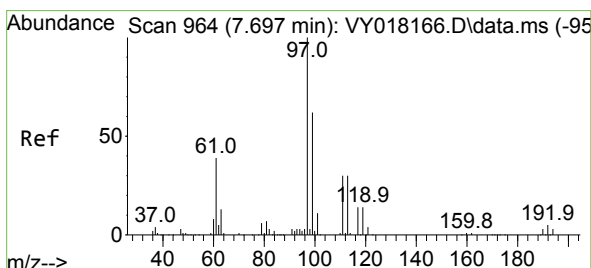
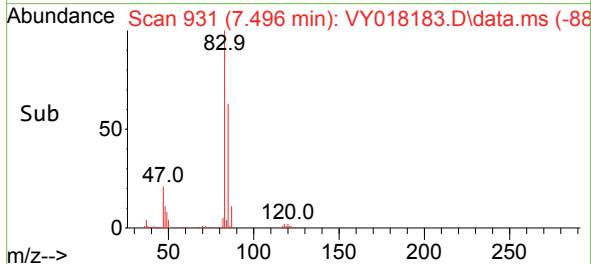
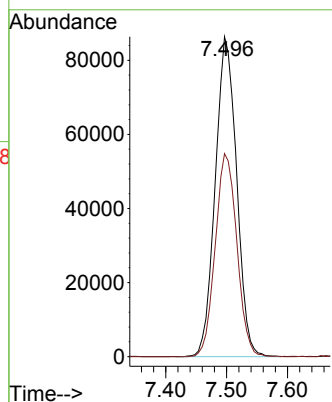
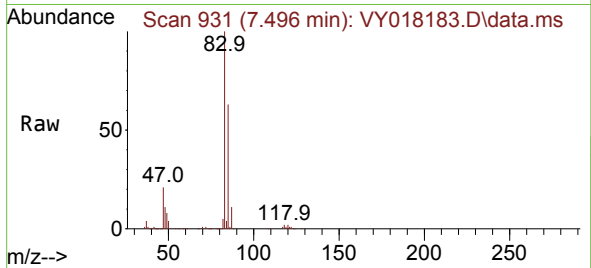




#30
Chloroform
Concen: 51.872 ug/l
RT: 7.496 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

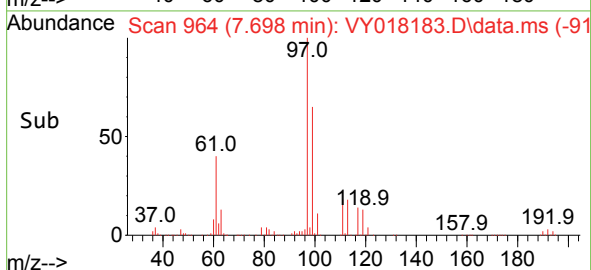
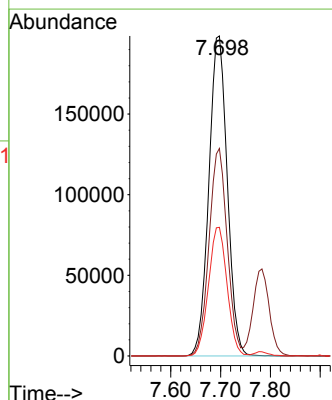
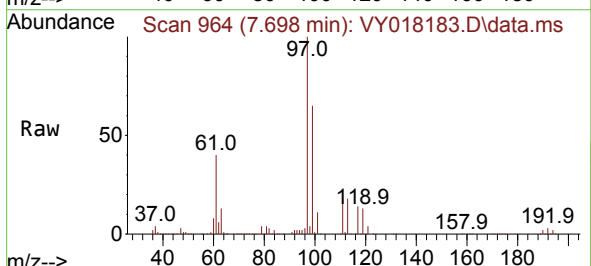
Instrument :
MSVOA_Y
ClientSampleId :

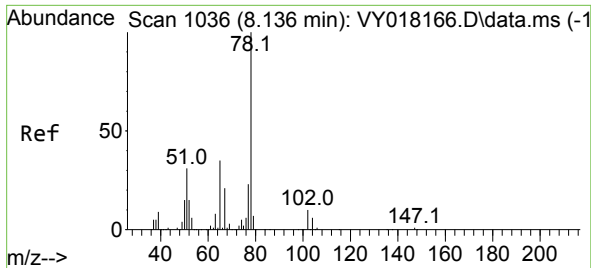
Tgt Ion: 83 Resp: 210391
Ion Ratio Lower Upper
83 100
85 63.4 52.2 78.4



#32
1,1,1-Trichloroethane
Concen: 139.929 ug/l
RT: 7.698 min Scan# 964
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 97 Resp: 508699
Ion Ratio Lower Upper
97 100
99 64.1 50.3 75.5
61 40.7 32.6 48.8

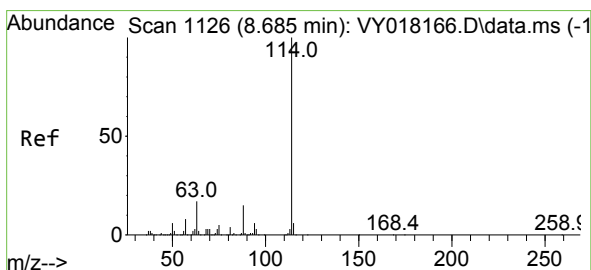
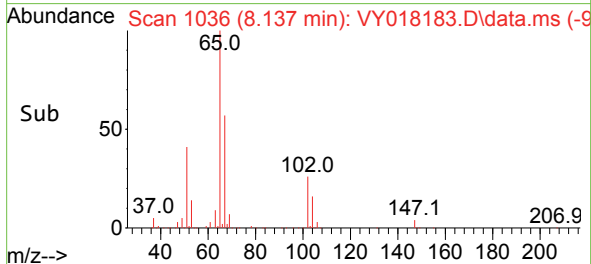
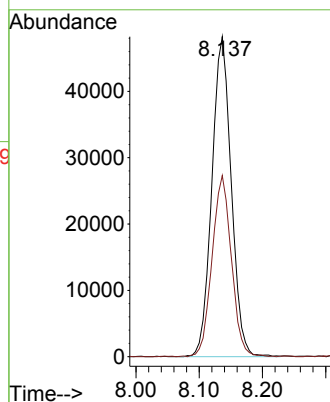
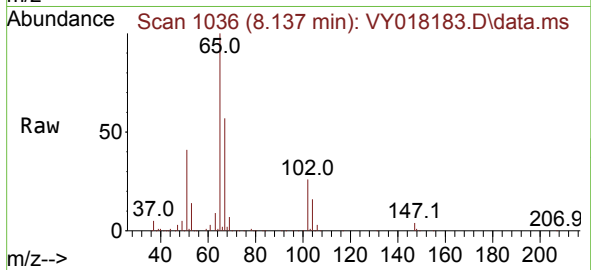




#33
 1,2-Dichloroethane-d4
 Concen: 57.684 ug/l
 RT: 8.137 min Scan# 1036
 Delta R.T. 0.000 min
 Lab File: VY018183.D
 Acq: 08 May 2024 12:21

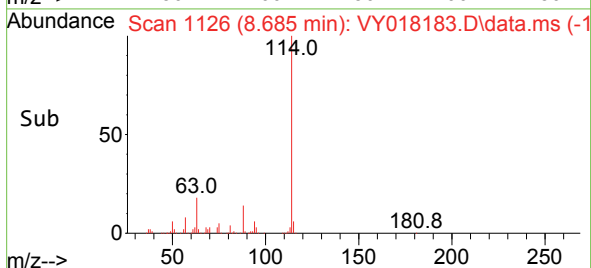
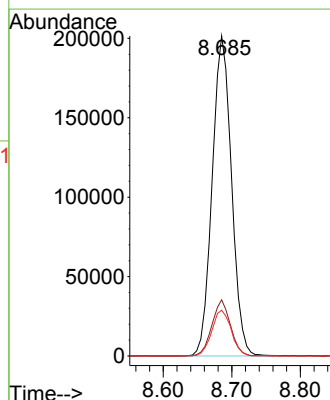
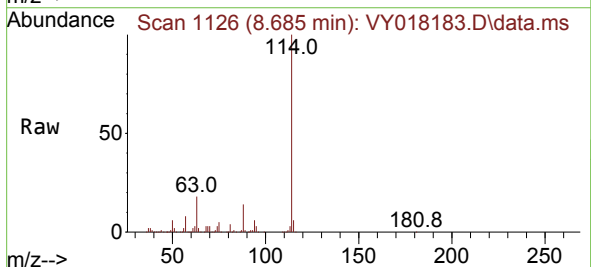
Instrument :
 MSVOA_Y
 ClientSampleId :

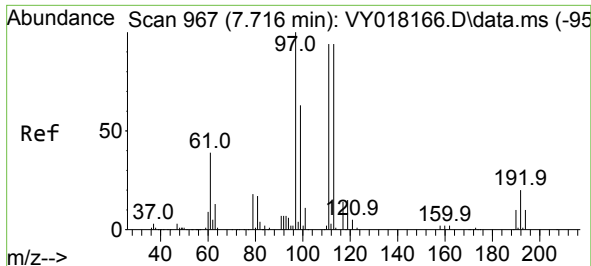
Tgt Ion: 65 Resp: 102569
 Ion Ratio Lower Upper
 65 100
 67 56.4 0.0 109.6



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.685 min Scan# 1126
 Delta R.T. 0.000 min
 Lab File: VY018183.D
 Acq: 08 May 2024 12:21

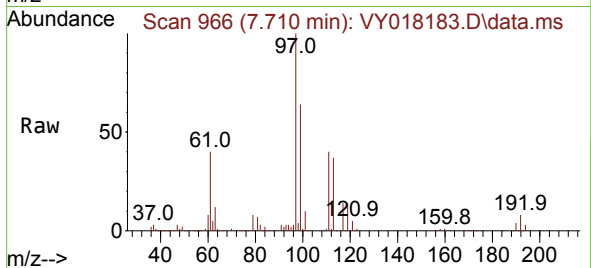
Tgt Ion:114 Resp: 394027
 Ion Ratio Lower Upper
 114 100
 63 17.6 0.0 35.0
 88 14.3 0.0 27.2



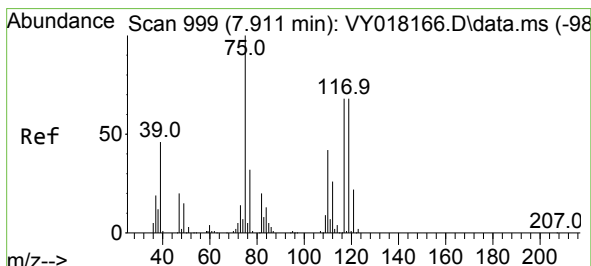
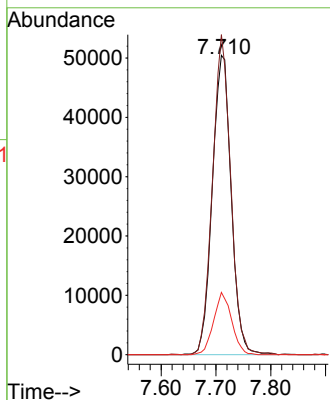
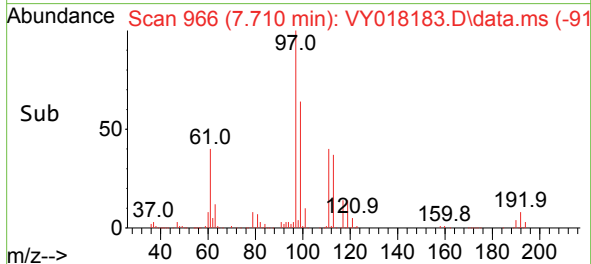


#35
Dibromofluoromethane
Concen: 58.351 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

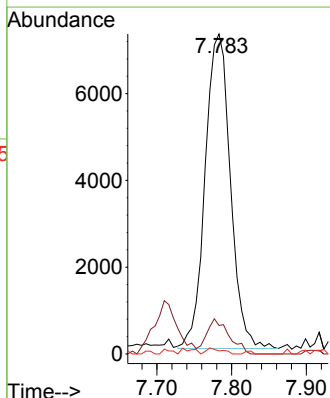
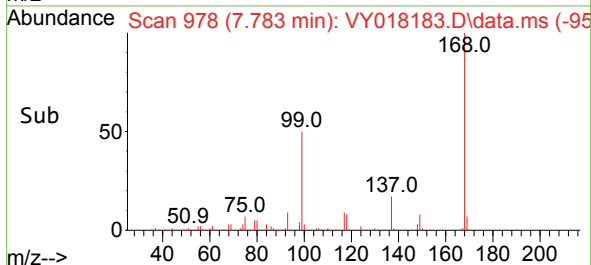
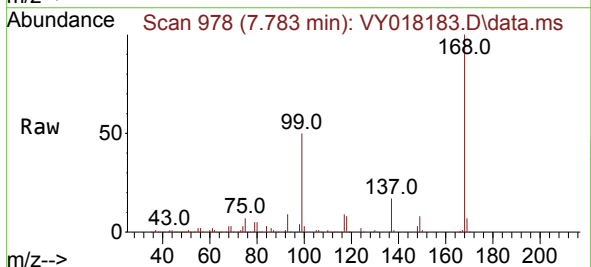


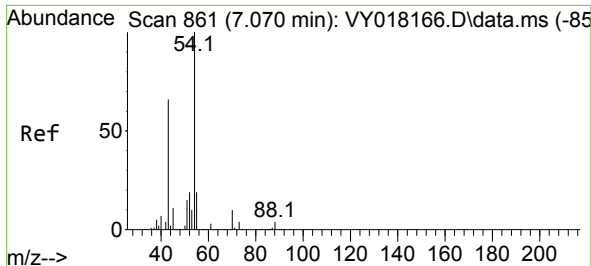
Tgt Ion:113 Resp: 120833
Ion Ratio Lower Upper
113 100
111 103.0 82.2 123.4
192 19.9 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.758 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 75 Resp: 17094
Ion Ratio Lower Upper
75 100
110 9.9 19.0 57.0#
77 1.1 25.3 37.9#





#37

Ethyl Acetate

Concen: 233.790 ug/l

RT: 6.972 min Scan# 845

Delta R.T. -0.097 min

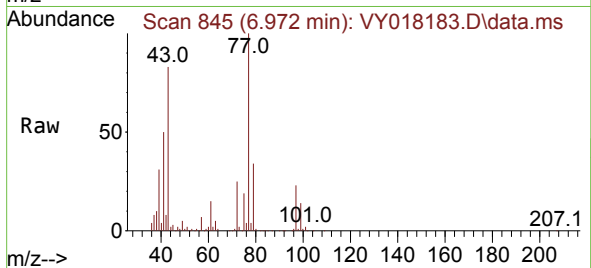
Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :



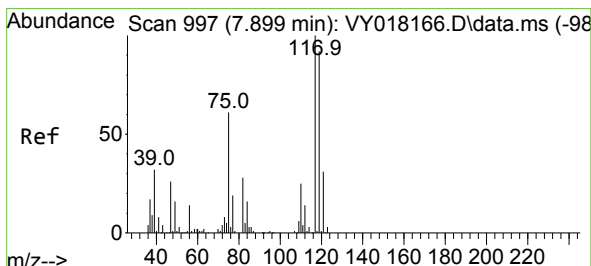
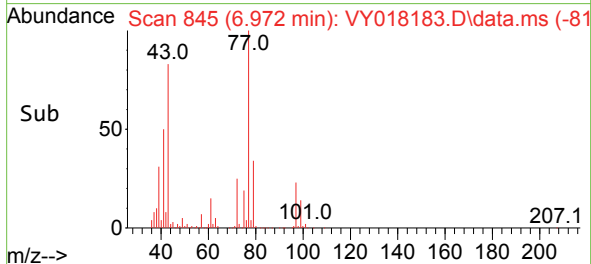
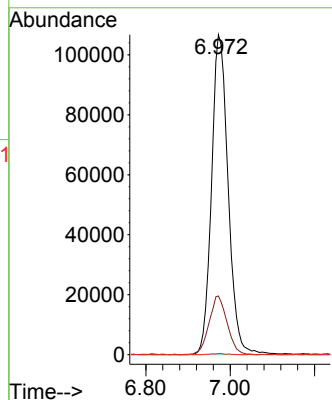
Tgt Ion: 43 Resp: 292112

Ion Ratio Lower Upper

43 100

61 19.9 12.6 19.0#

70 0.3 7.8 11.8#



#38

Carbon Tetrachloride

Concen: 56.008 ug/l

RT: 7.893 min Scan# 996

Delta R.T. -0.006 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

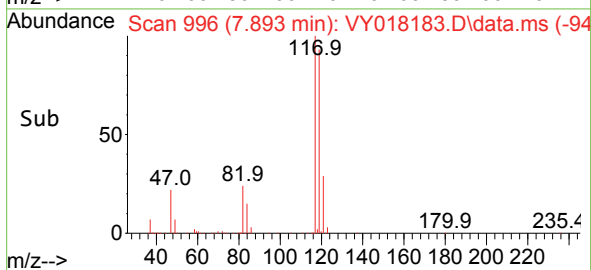
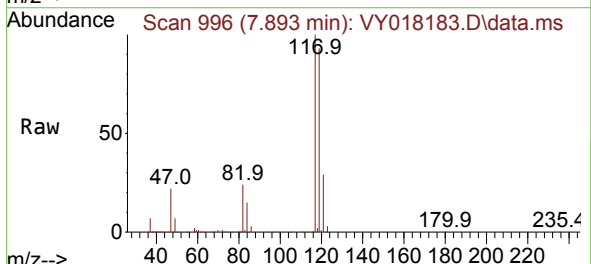
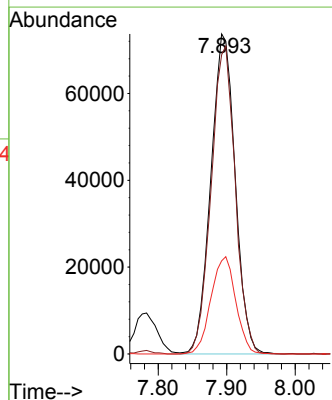
Tgt Ion: 117 Resp: 181676

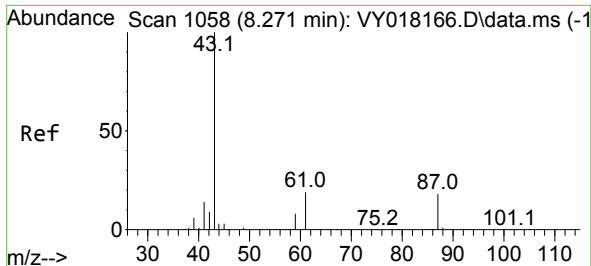
Ion Ratio Lower Upper

117 100

119 93.5 75.8 113.6

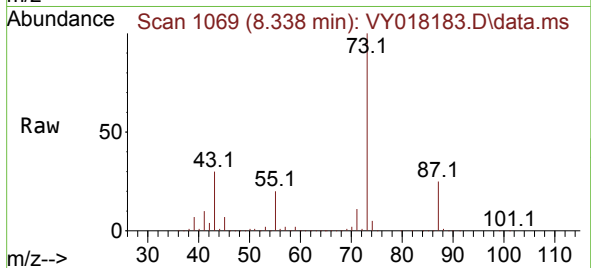
121 29.1 24.0 36.0



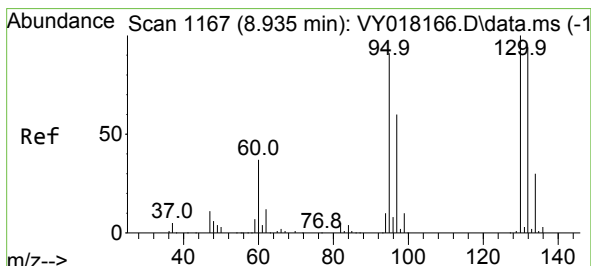
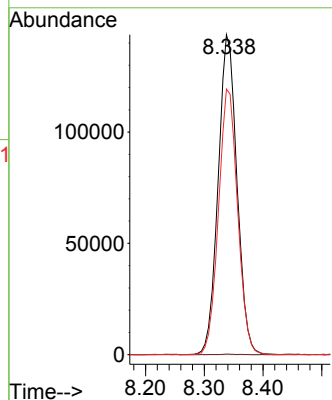
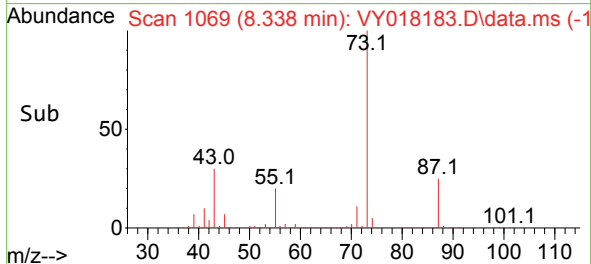


#43
Isopropyl Acetate
Concen: 125.038 ug/l
RT: 8.338 min Scan# 1106
Delta R.T. 0.067 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

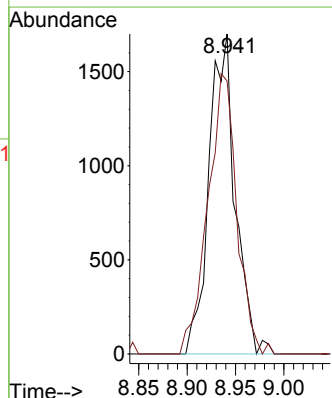
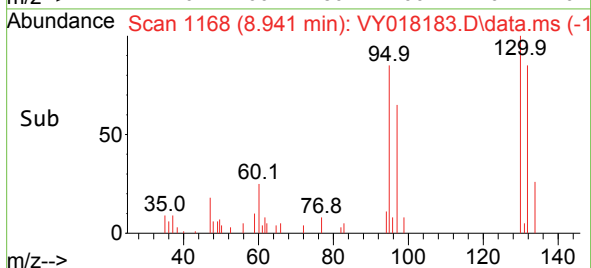
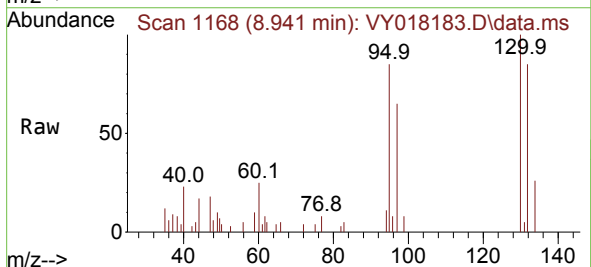


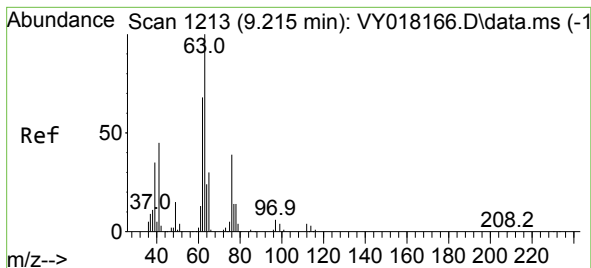
Tgt Ion: 43 Resp: 320231
Ion Ratio Lower Upper
43 100
61 0.1 27.9 41.9#
87 84.2 13.1 19.7#



#44
Trichloroethene
Concen: 1.235 ug/l
RT: 8.941 min Scan# 1168
Delta R.T. 0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion:130 Resp: 3210
Ion Ratio Lower Upper
130 100
95 85.3 0.0 188.0





#45

1,2-Dichloropropane

Concen: 211.541 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.006 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

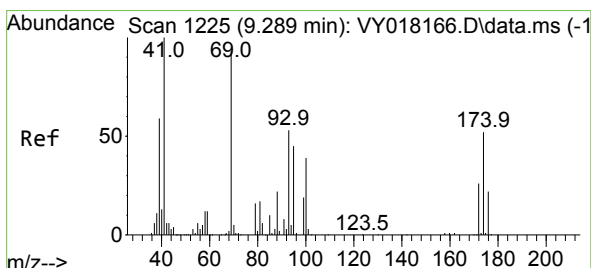
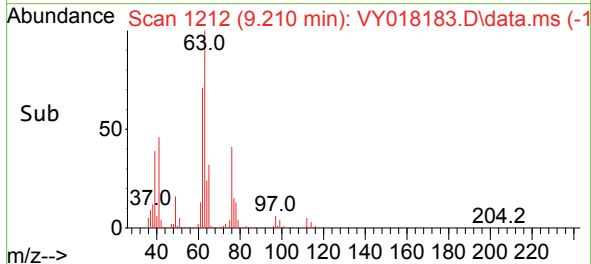
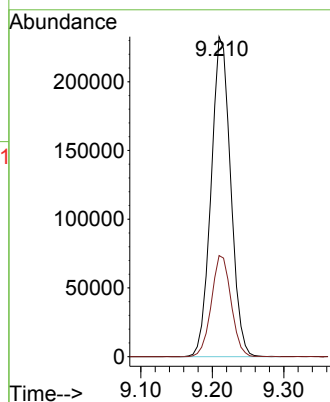
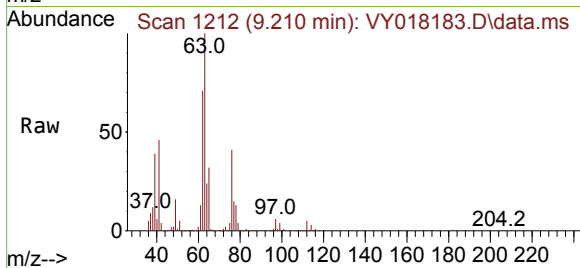
ClientSampleId :

Tgt Ion: 63 Resp: 441621

Ion Ratio Lower Upper

63 100

65 31.6 25.4 38.2



#48

Methyl methacrylate

Concen: 181.295 ug/l

RT: 9.210 min Scan# 1212

Delta R.T. -0.079 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

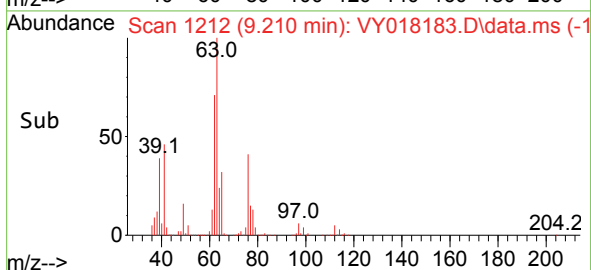
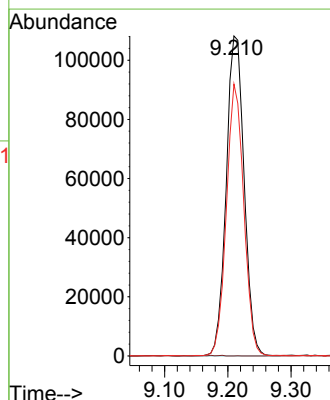
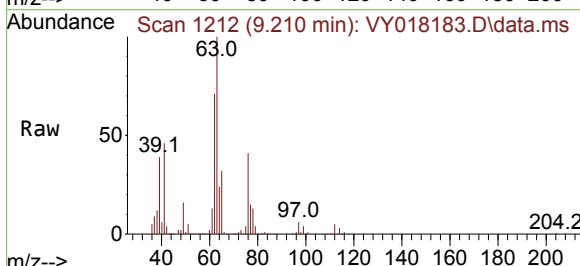
Tgt Ion: 41 Resp: 212800

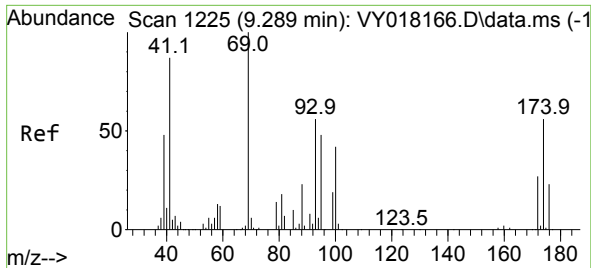
Ion Ratio Lower Upper

41 100

69 0.0 84.1 126.1#

39 82.4 43.6 65.4#

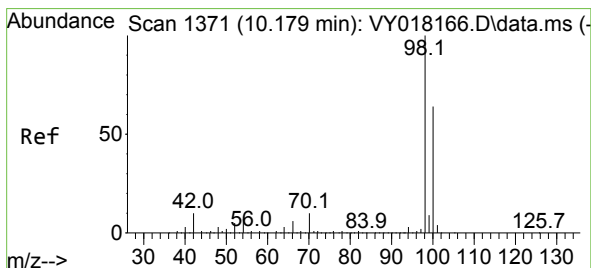
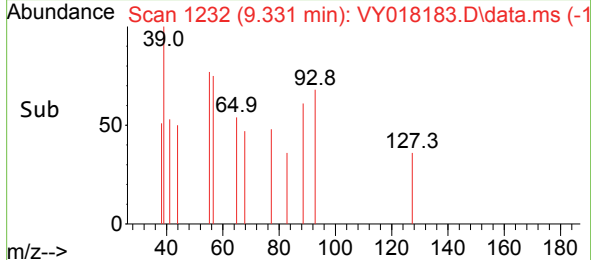
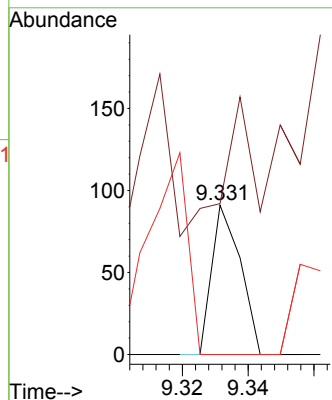
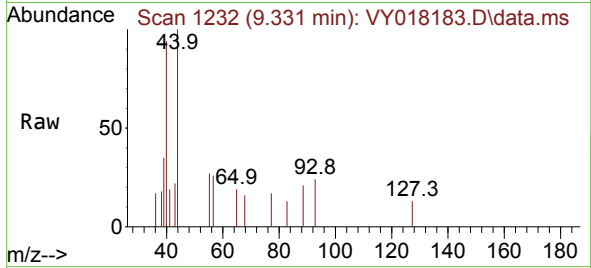




#49
1,4-Dioxane
Concen: 3.453 ug/l
RT: 9.331 min Scan# 1225
Delta R.T. 0.043 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

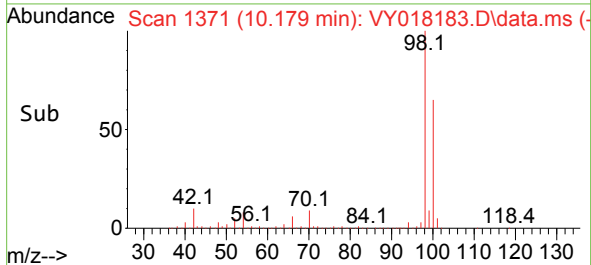
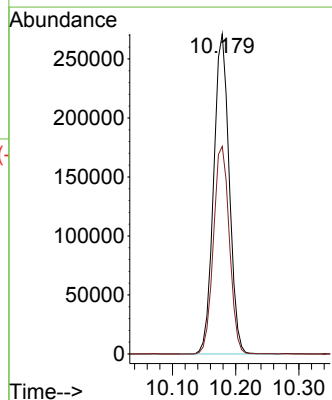
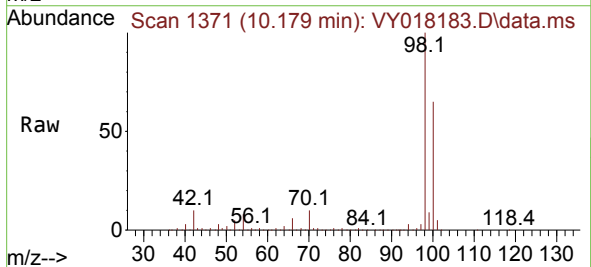
Instrument :
MSVOA_Y
ClientSampleId :

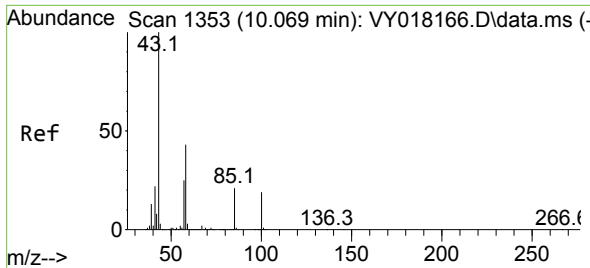
Tgt Ion: 88 Resp: 55
Ion Ratio Lower Upper
88 100
43 87.3 0.0 0.0#
58 0.0 49.3 73.9#



#50
Toluene-d8
Concen: 56.680 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

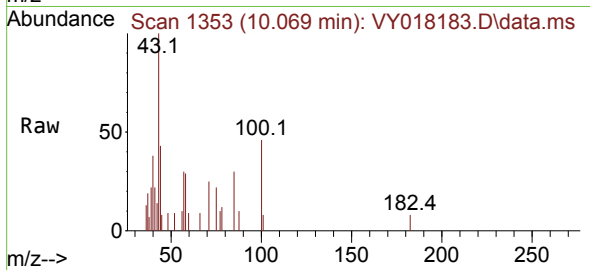
Tgt Ion: 98 Resp: 462518
Ion Ratio Lower Upper
98 100
100 66.3 52.0 78.0



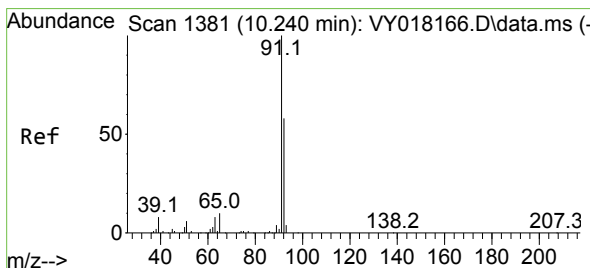
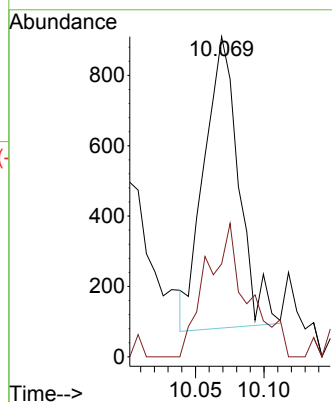
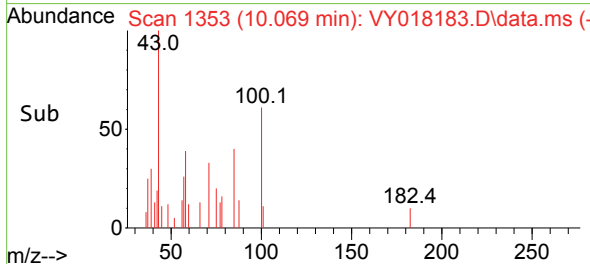


#51
4-Methyl-2-Pentanone
Concen: 1.130 ug/l
RT: 10.069 min Scan# 1353
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Instrument :
MSVOA_Y
ClientSampleId :

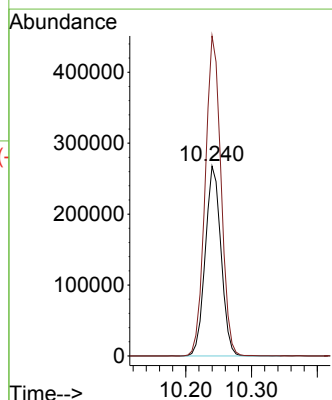
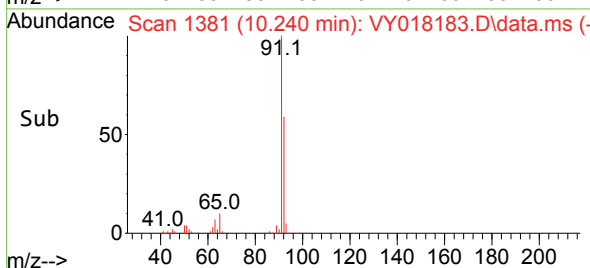
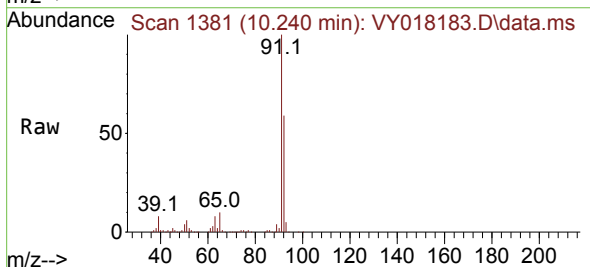


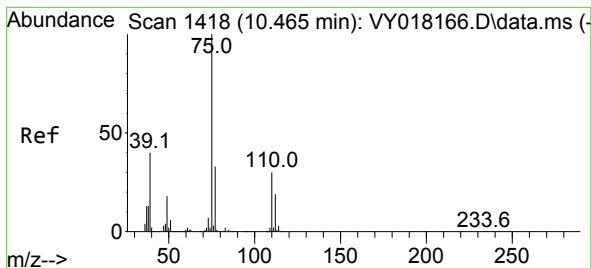
Tgt Ion: 43 Resp: 1455
Ion Ratio Lower Upper
43 100
58 54.7 35.7 53.5#



#52
Toluene
Concen: 72.457 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 92 Resp: 445424
Ion Ratio Lower Upper
92 100
91 169.2 139.0 208.6

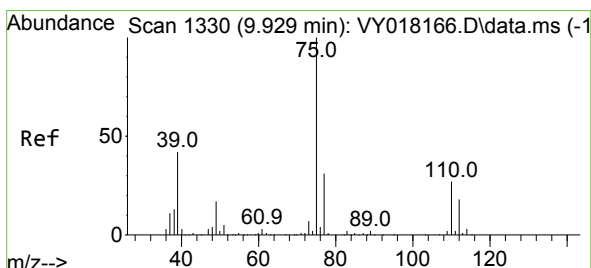
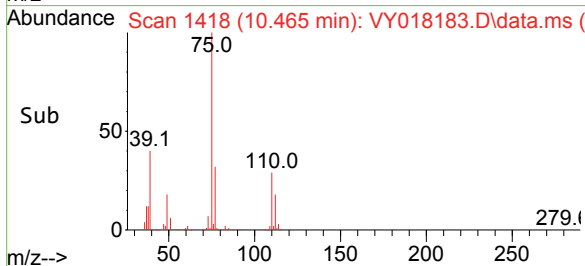
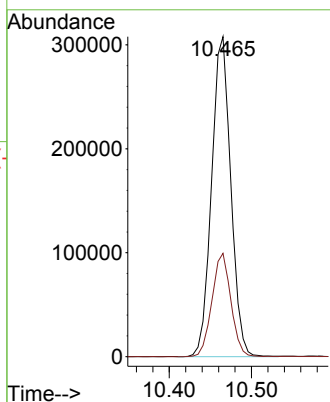
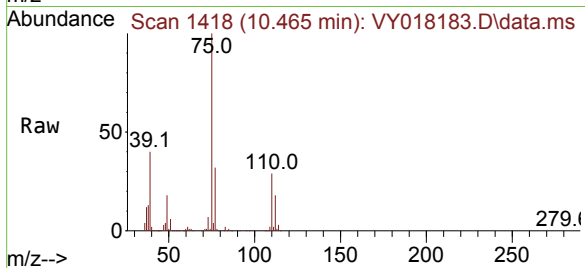




#53
t-1,3-Dichloropropene
Concen: 180.178 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

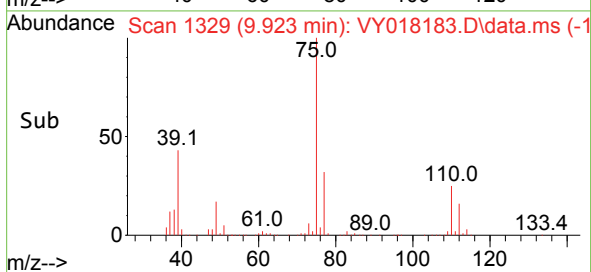
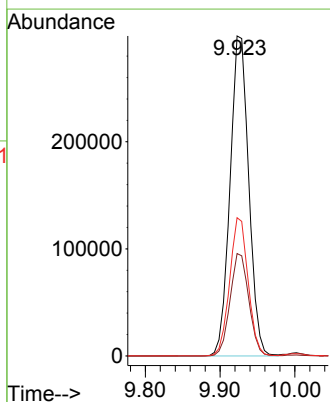
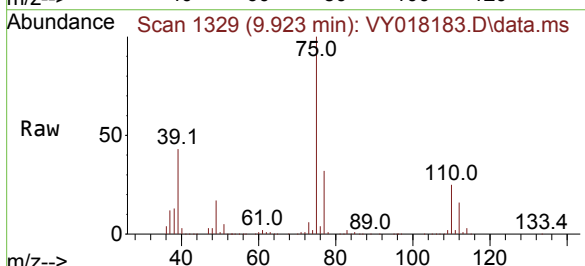
Instrument :
MSVOA_Y
ClientSampleId :

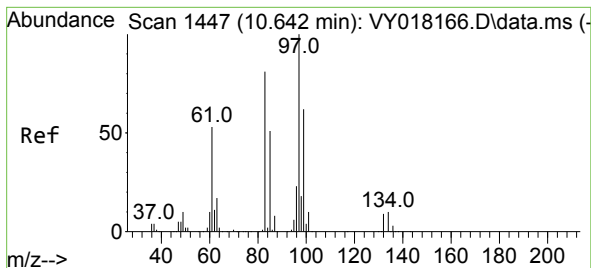
Tgt Ion: 75 Resp: 499331
Ion Ratio Lower Upper
75 100
77 32.3 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 153.676 ug/l
RT: 9.923 min Scan# 1329
Delta R.T. -0.006 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 75 Resp: 520593
Ion Ratio Lower Upper
75 100
77 32.0 25.4 38.0
39 43.2 29.8 44.6





#55

1,1,2-Trichloroethane

Concen: 205.199 ug/l

RT: 10.642 min Scan# 1447

Delta R.T. 0.000 min

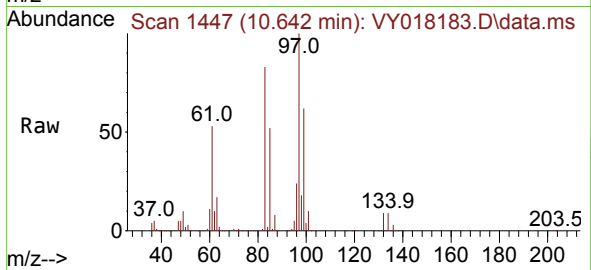
Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 97 Resp: 338306

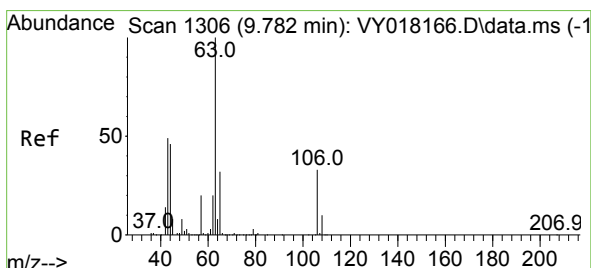
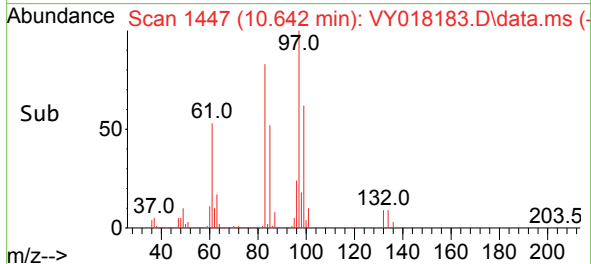
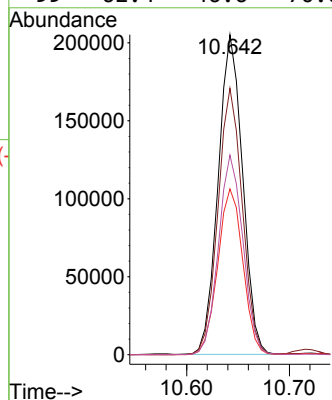
Ion Ratio Lower Upper

97 100

83 83.2 67.5 101.3

85 51.9 42.9 64.3

99 62.4 46.6 70.0



#58

2-Chloroethyl Vinyl ether

Concen: 1.956 ug/l

RT: 9.795 min Scan# 1308

Delta R.T. 0.012 min

Lab File: VY018183.D

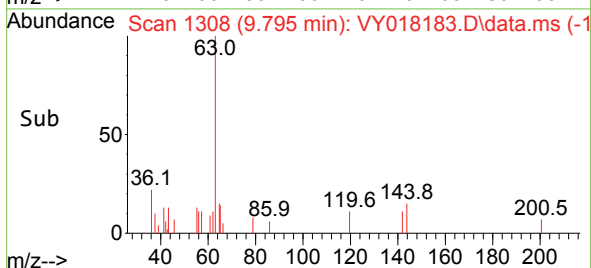
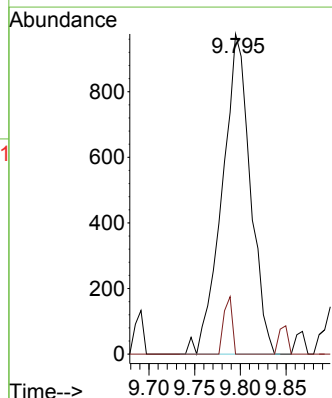
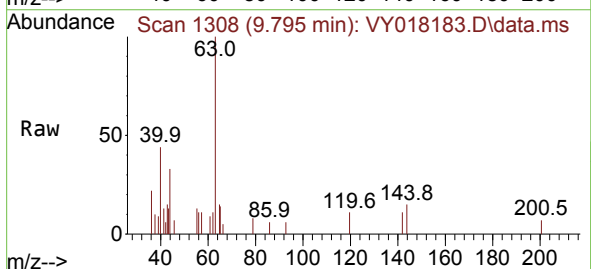
Acq: 08 May 2024 12:21

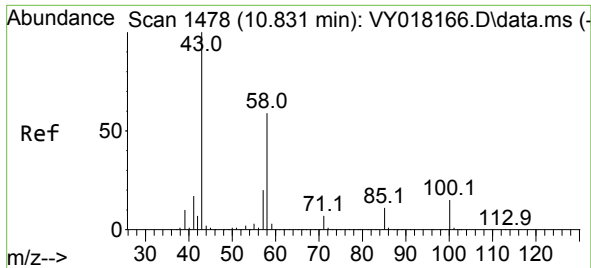
Tgt Ion: 63 Resp: 2091

Ion Ratio Lower Upper

63 100

106 5.4 23.7 35.5#

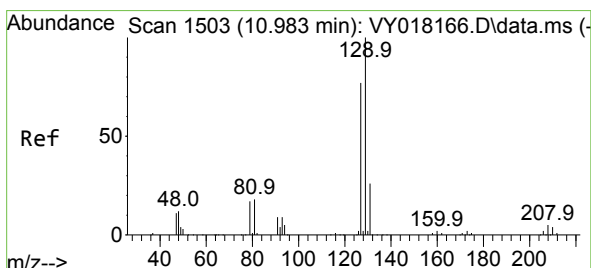
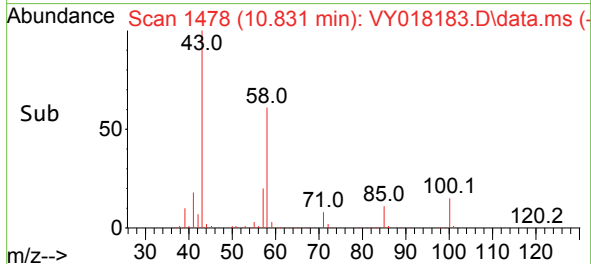
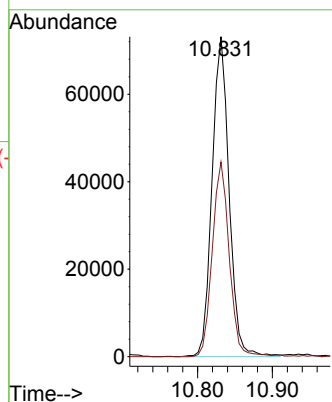
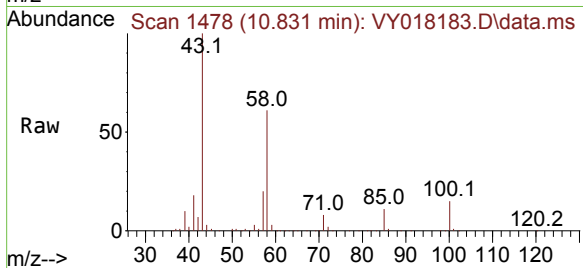




#59
2-Hexanone
Concen: 129.017 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

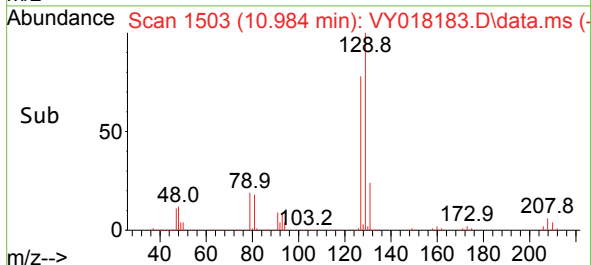
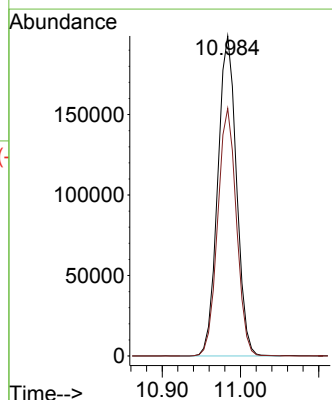
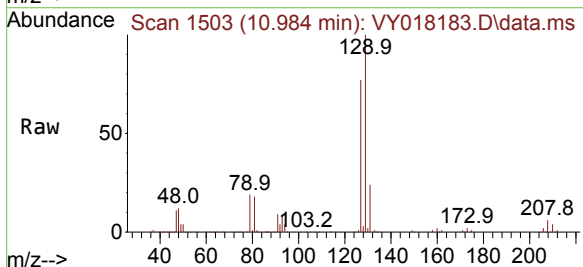
Instrument :
MSVOA_Y
ClientSampleId :

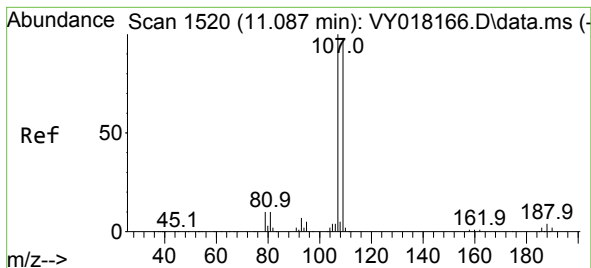
Tgt Ion: 43 Resp: 116119
Ion Ratio Lower Upper
43 100
58 60.7 31.4 94.0



#60
Dibromochloromethane
Concen: 154.668 ug/l
RT: 10.984 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion:129 Resp: 330837
Ion Ratio Lower Upper
129 100
127 77.3 39.0 117.0





#61

1,2-Dibromoethane

Concen: 107.431 ug/l

RT: 11.087 min Scan# 1520

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

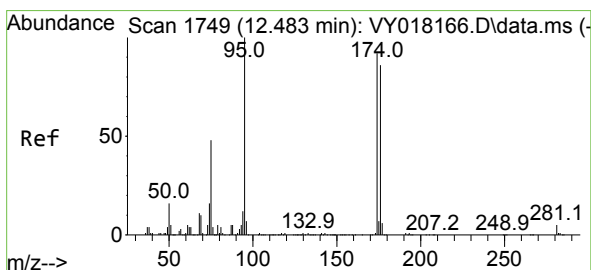
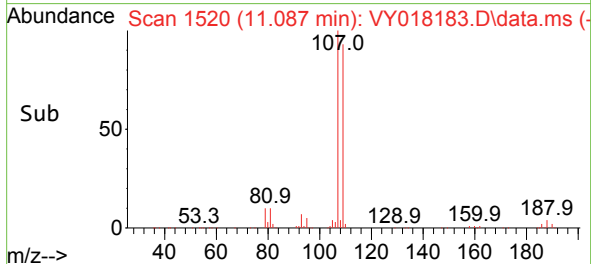
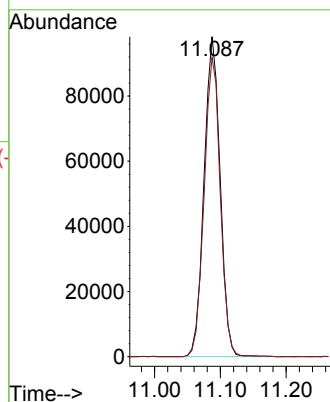
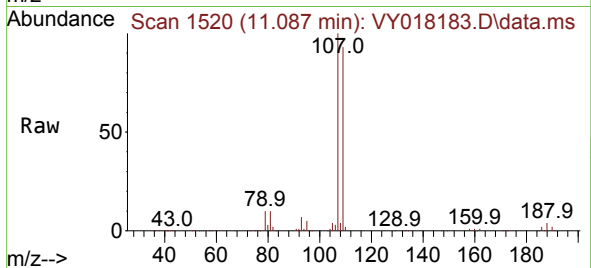
ClientSampleId :

Tgt Ion:107 Resp: 166826

Ion Ratio Lower Upper

107 100

109 93.9 75.9 113.9



#62

4-Bromofluorobenzene

Concen: 56.086 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

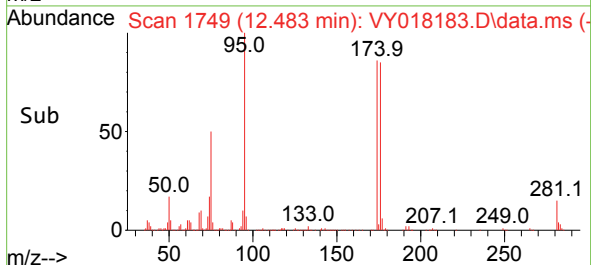
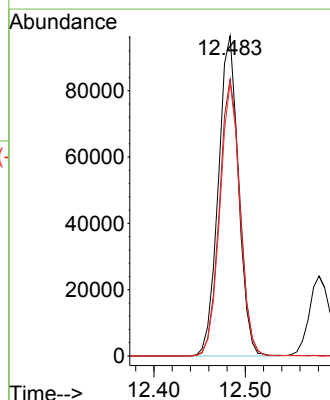
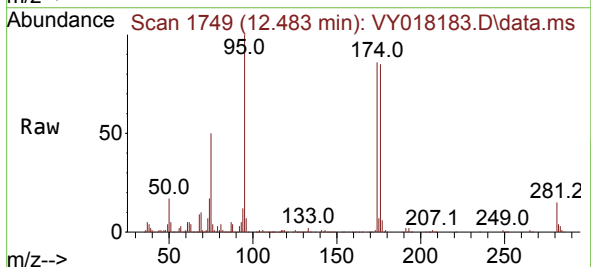
Tgt Ion: 95 Resp: 147802

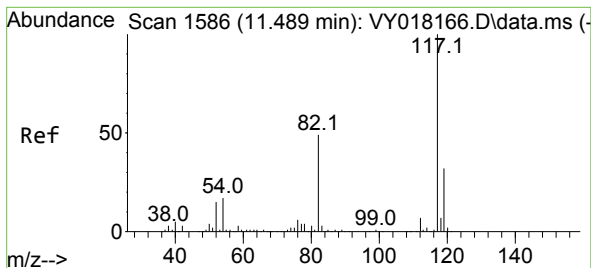
Ion Ratio Lower Upper

95 100

174 89.0 0.0 175.6

176 85.0 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

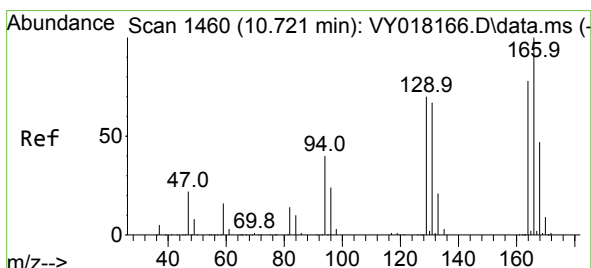
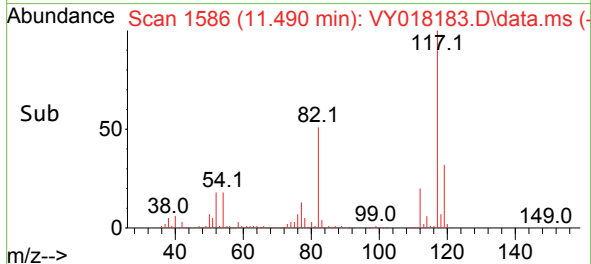
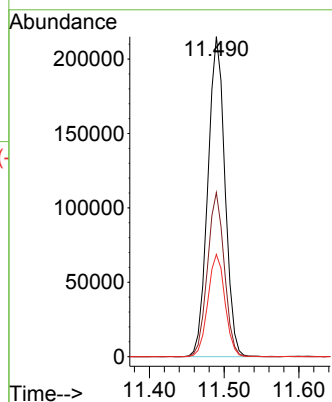
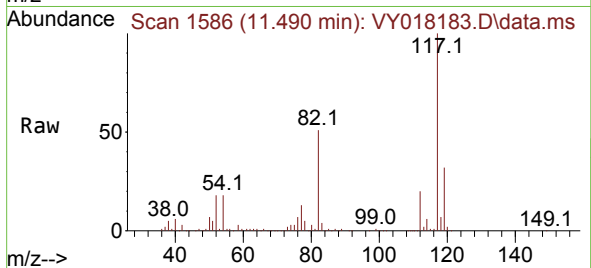
Tgt Ion:117 Resp: 341728

Ion Ratio Lower Upper

117 100

82 51.3 42.4 63.6

119 32.0 25.9 38.9



#64

Tetrachloroethene

Concen: 96.449 ug/l

RT: 10.721 min Scan# 1460

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Tgt Ion:164 Resp: 219445

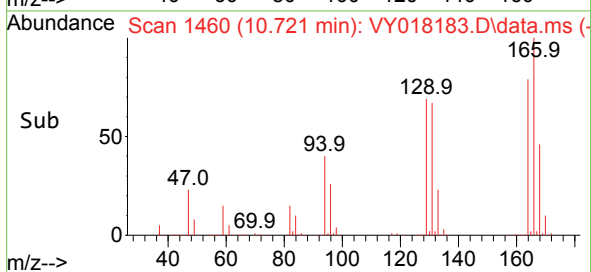
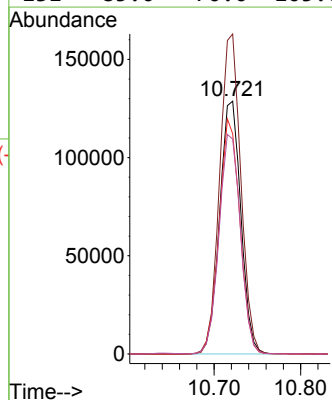
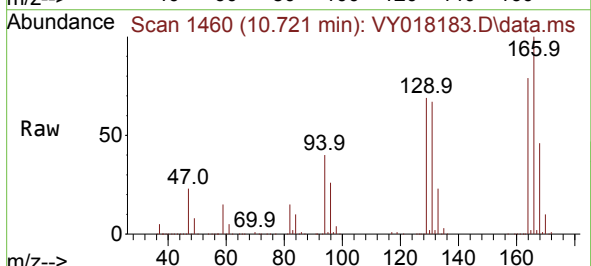
Ion Ratio Lower Upper

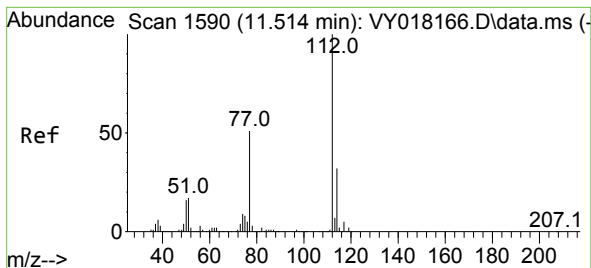
164 100

166 126.6 102.6 154.0

129 87.1 72.0 108.0

131 85.0 70.0 105.0





#65

Chlorobenzene

Concen: 185.944 ug/l

RT: 11.514 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

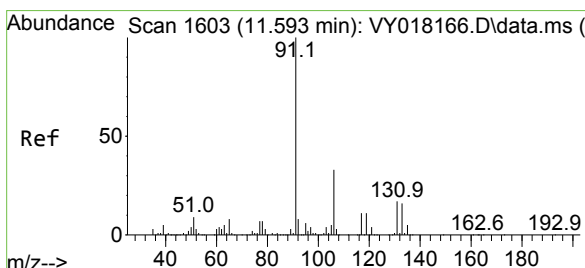
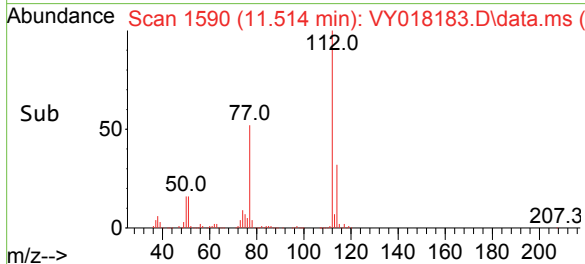
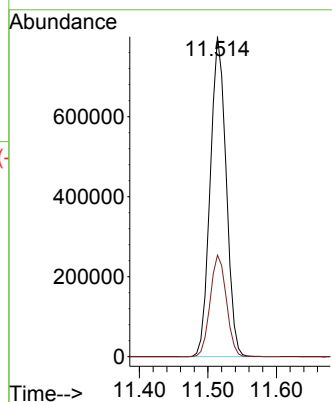
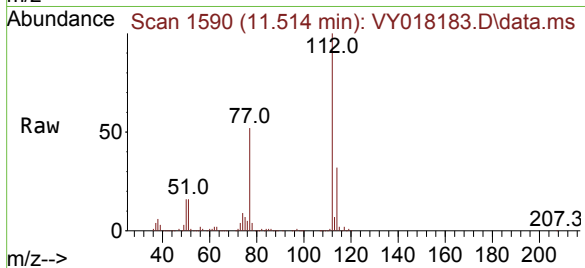
ClientSampleId :

Tgt Ion:112 Resp: 1294155

Ion Ratio Lower Upper

112 100

114 31.7 26.4 39.6



#67

Ethyl Benzene

Concen: 35.921 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018183.D

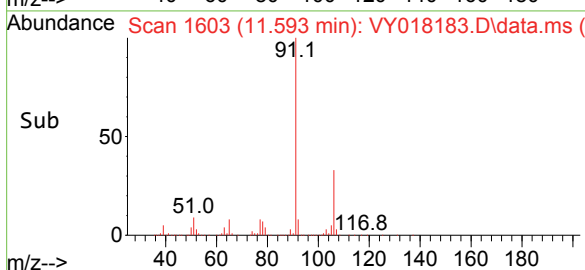
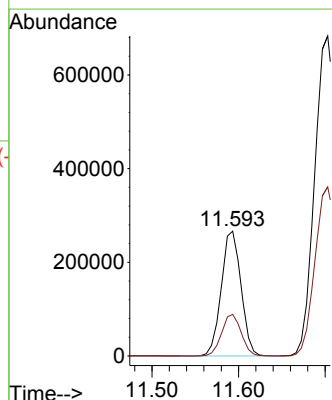
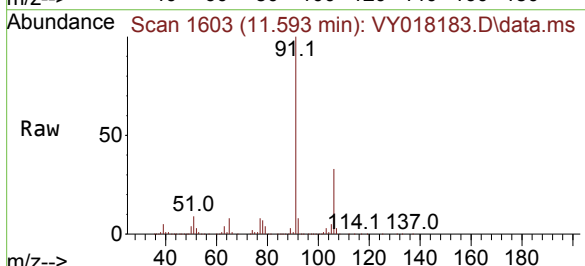
Acq: 08 May 2024 12:21

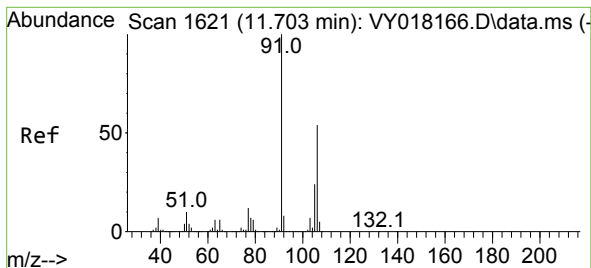
Tgt Ion: 91 Resp: 422118

Ion Ratio Lower Upper

91 100

106 33.3 24.5 36.7

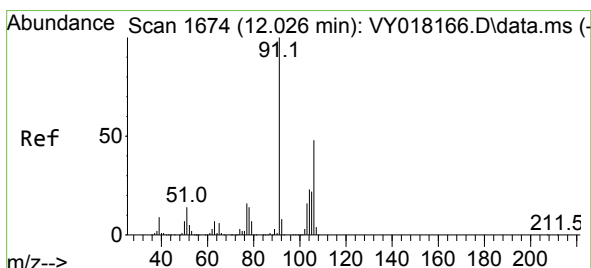
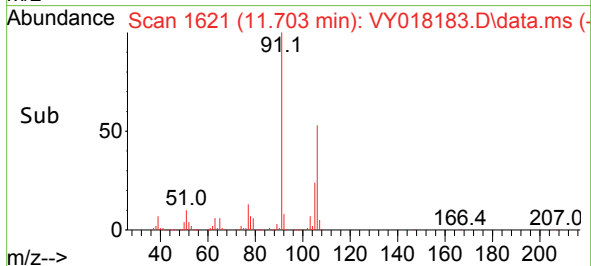
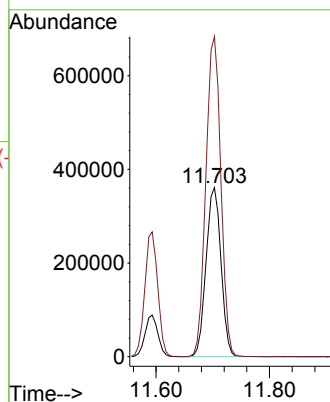
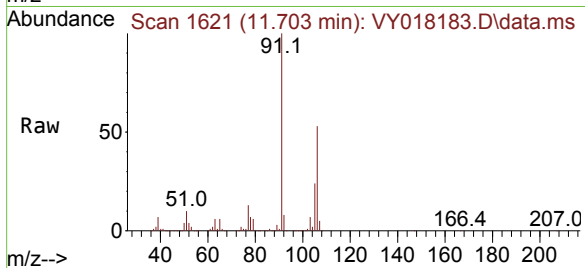




#68
m/p-Xylenes
Concen: 142.001 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

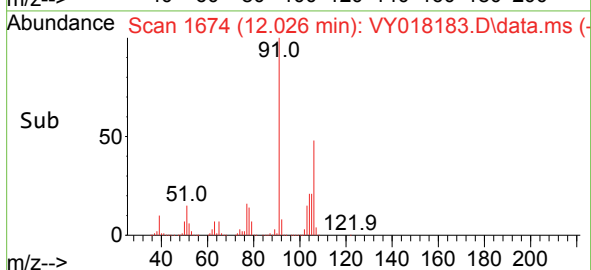
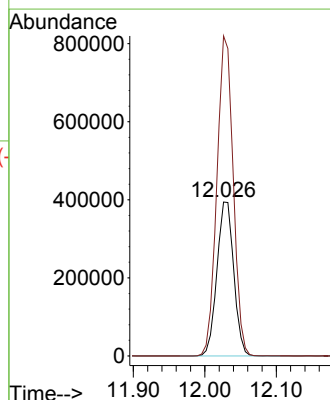
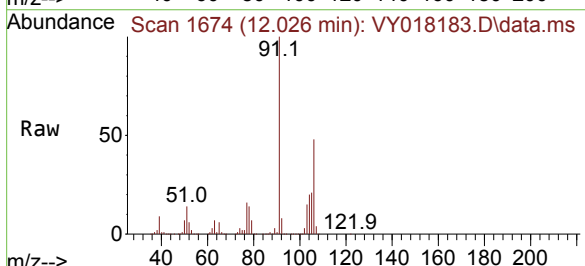
Instrument :
MSVOA_Y
ClientSampleId :

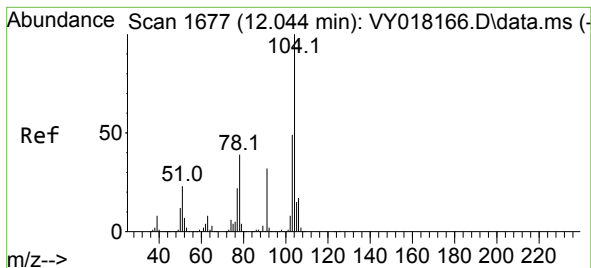
Tgt Ion:106 Resp: 659891
Ion Ratio Lower Upper
106 100
91 189.8 156.0 234.0



#69
o-Xylene
Concen: 144.309 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion:106 Resp: 643566
Ion Ratio Lower Upper
106 100
91 201.9 103.6 310.8





#70

Styrene

Concen: 147.638 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

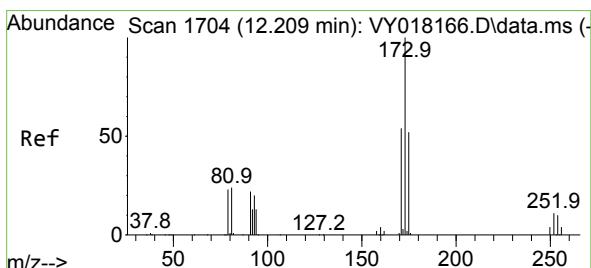
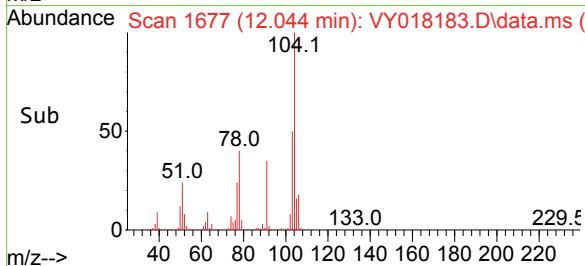
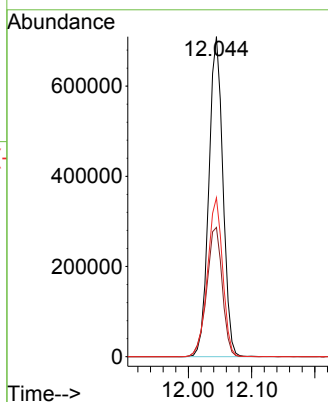
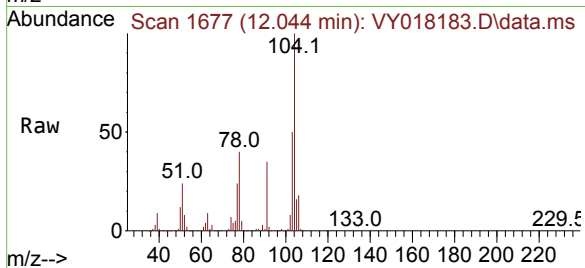
Tgt Ion:104 Resp: 1099548

Ion Ratio Lower Upper

104 100

78 44.7 37.0 55.4

103 53.3 44.2 66.2



#71

Bromoform

Concen: 90.767 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

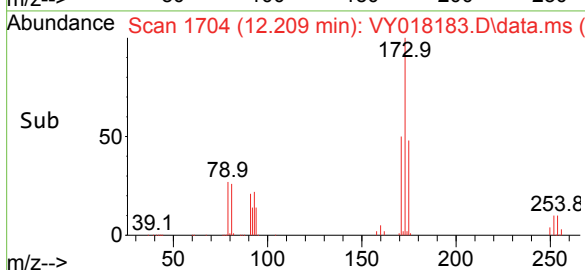
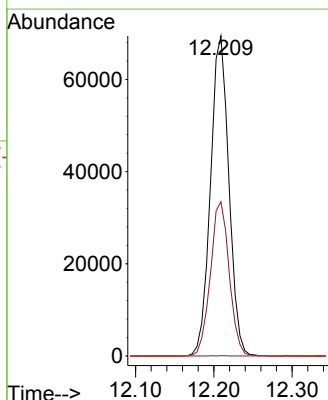
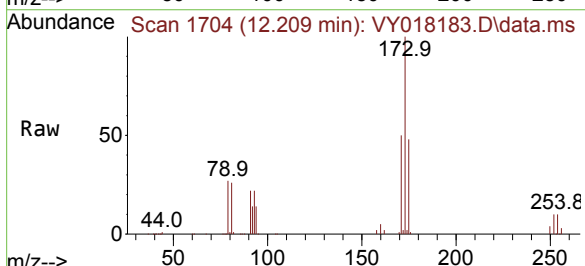
Tgt Ion:173 Resp: 113062

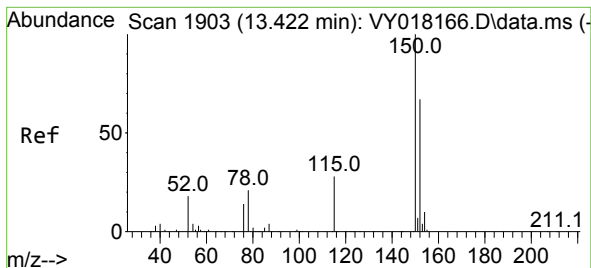
Ion Ratio Lower Upper

173 100

175 49.3 25.1 75.3

254 0.1 0.0 0.0#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1903

Delta R.T. 0.006 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

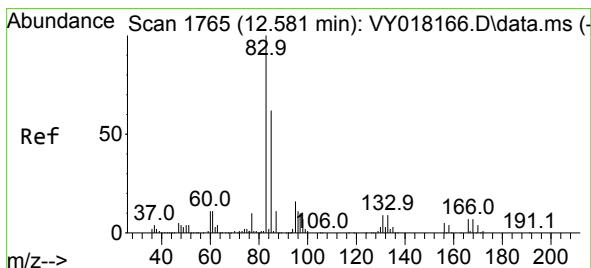
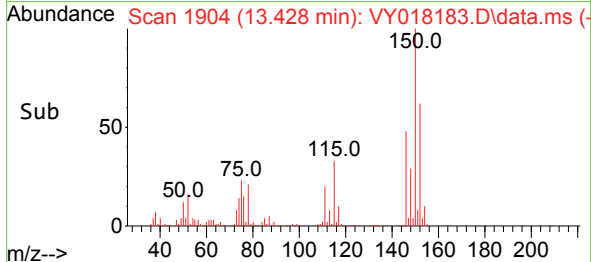
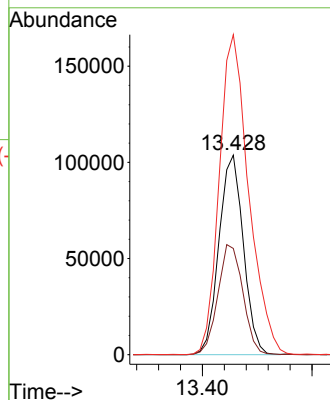
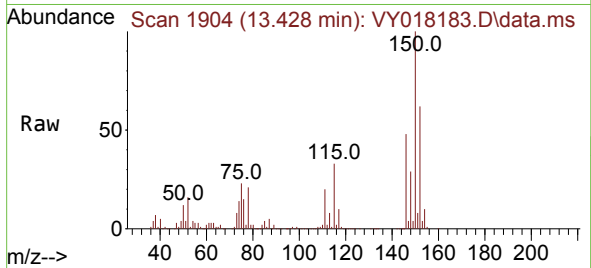
Tgt Ion:152 Resp: 160479

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 193.1 0.0 345.6



#75

1,1,2,2-Tetrachloroethane

Concen: 126.355 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

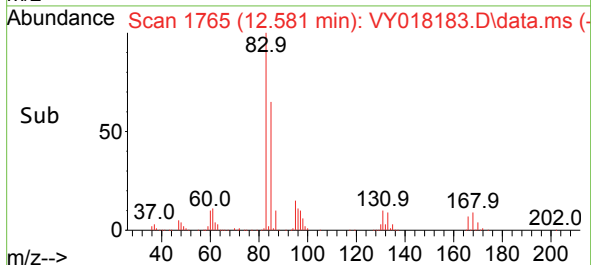
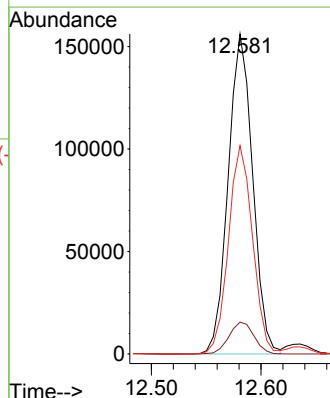
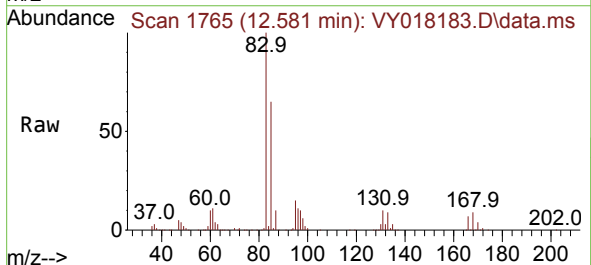
Tgt Ion: 83 Resp: 242522

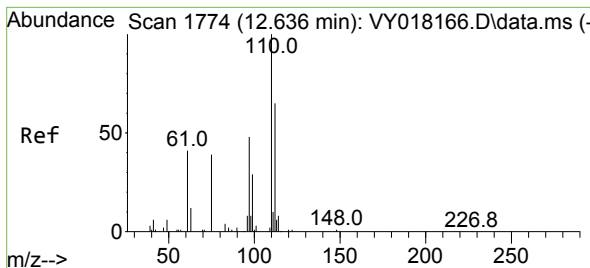
Ion Ratio Lower Upper

83 100

131 10.2 5.0 14.9

85 64.2 32.0 96.0





#76

1,2,3-Trichloropropane

Concen: 220.670 ug/l

RT: 12.636 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

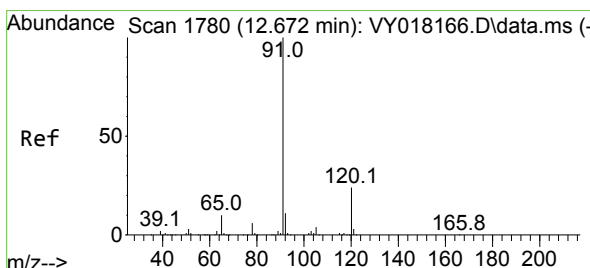
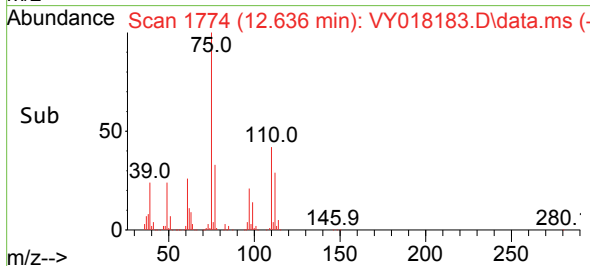
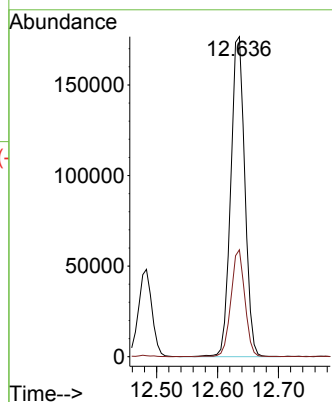
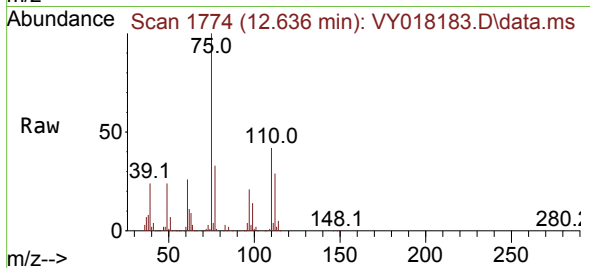
ClientSampleId :

Tgt Ion: 75 Resp: 283458

Ion Ratio Lower Upper

75 100

77 33.1 0.0 0.0#



#78

n-propylbenzene

Concen: 103.708 ug/l

RT: 12.855 min Scan# 1810

Delta R.T. 0.183 min

Lab File: VY018183.D

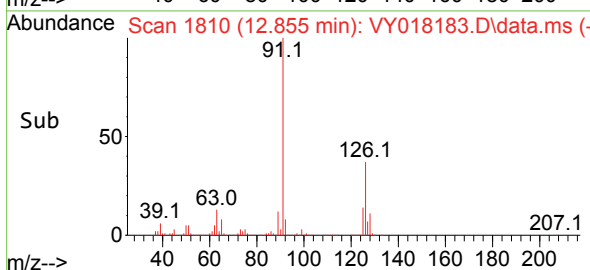
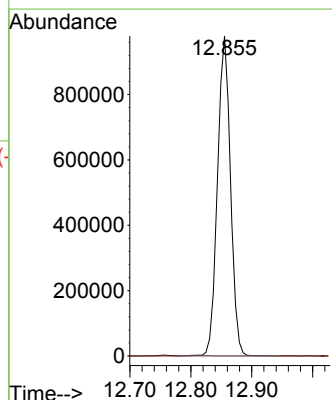
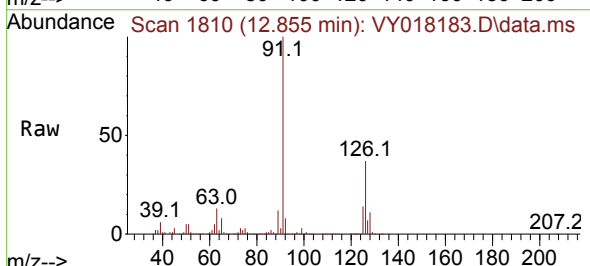
Acq: 08 May 2024 12:21

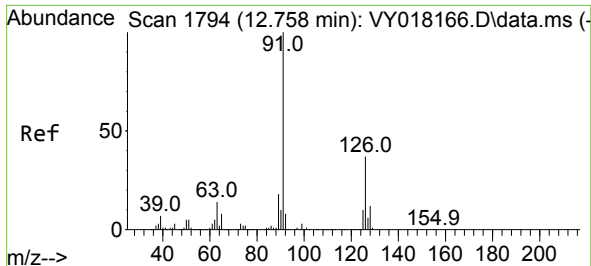
Tgt Ion: 91 Resp: 1451395

Ion Ratio Lower Upper

91 100

120 0.0 11.5 34.4#

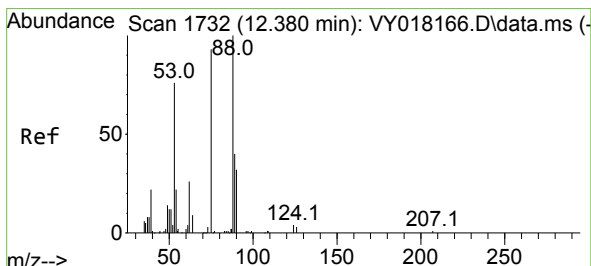
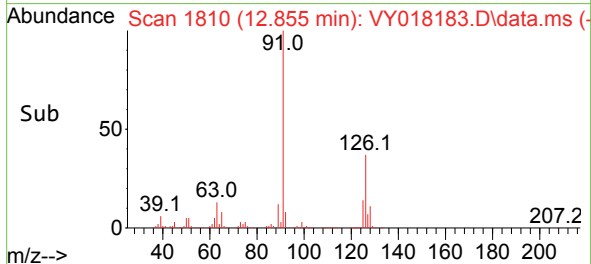
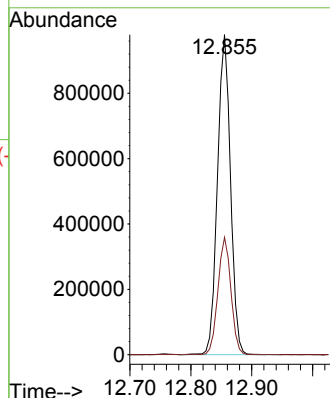
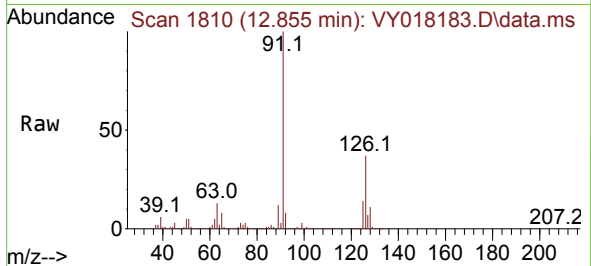




#79
2-Chlorotoluene
Concen: 186.628 ug/l
RT: 12.855 min Scan# 1794
Delta R.T. 0.098 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

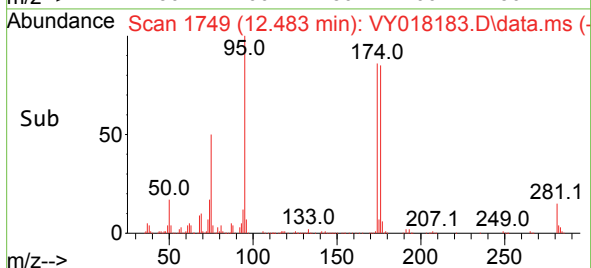
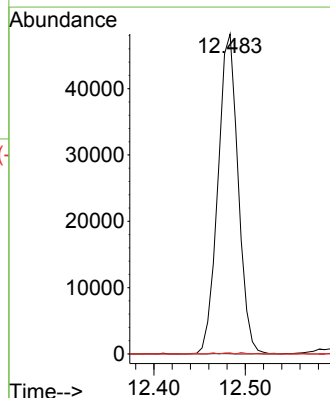
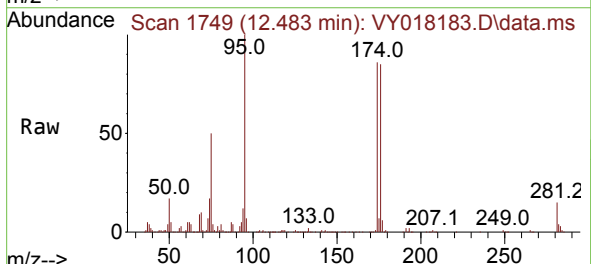
Instrument :
MSVOA_Y
ClientSampleId :

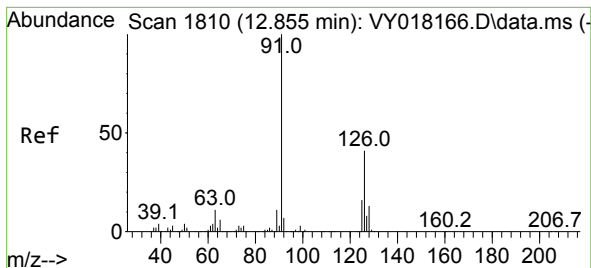
Tgt Ion: 91 Resp: 1451395
Ion Ratio Lower Upper
91 100
126 36.7 17.8 53.5



#81
trans-1,4-Dichloro-2-butene
Concen: 111.322 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.104 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

Tgt Ion: 75 Resp: 74220
Ion Ratio Lower Upper
75 100
53 0.0 66.8 100.2#
89 0.2 35.8 53.6#





#82

4-Chlorotoluene

Concen: 185.796 ug/l

RT: 12.855 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

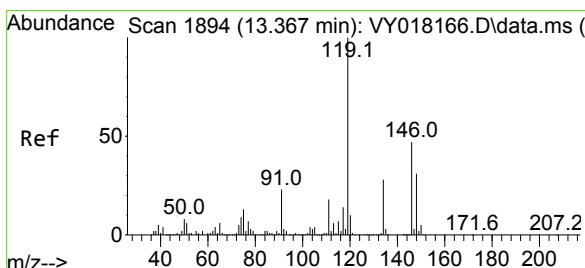
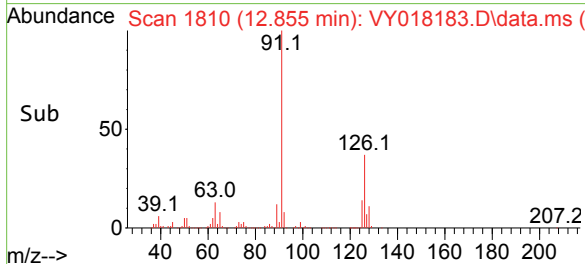
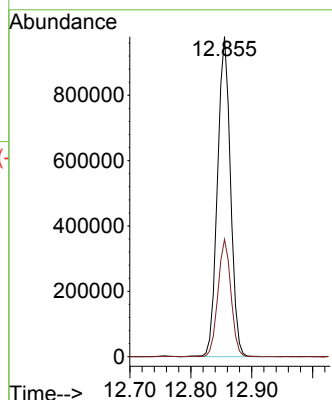
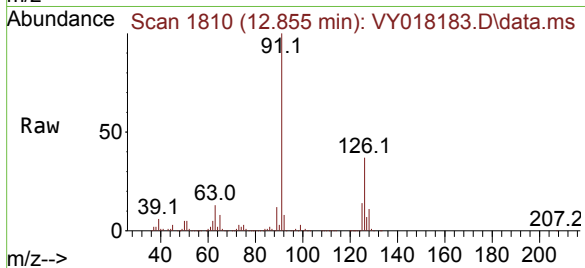
ClientSampleId :

Tgt Ion: 91 Resp: 1451395

Ion Ratio Lower Upper

91 100

126 36.7 17.6 52.9



#87

1,3-Dichlorobenzene

Concen: 113.816 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.079 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

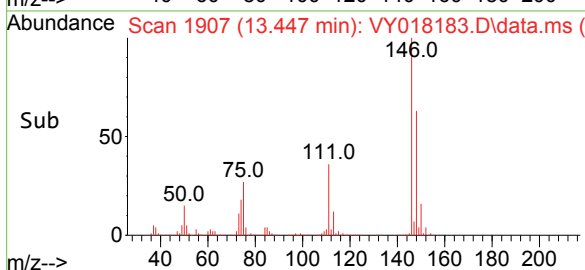
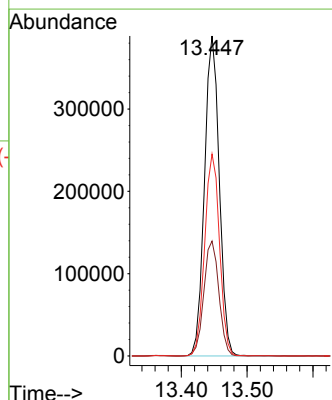
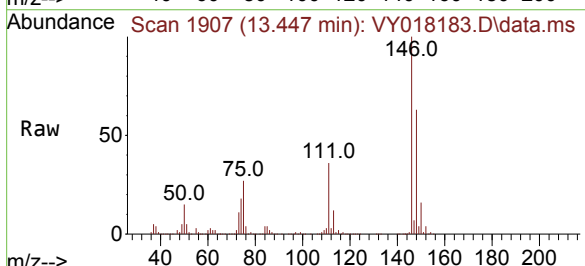
Tgt Ion:146 Resp: 607568

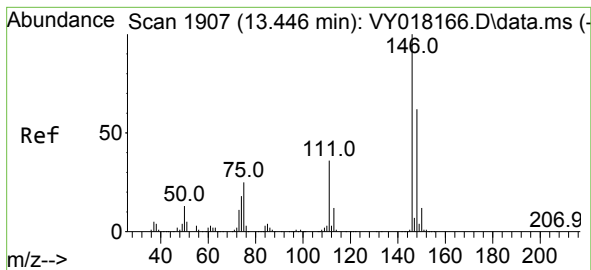
Ion Ratio Lower Upper

146 100

111 36.6 19.0 57.0

148 63.4 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 116.751 ug/l

RT: 13.447 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

Instrument :

MSVOA_Y

ClientSampleId :

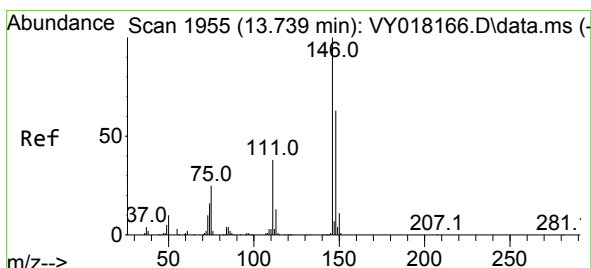
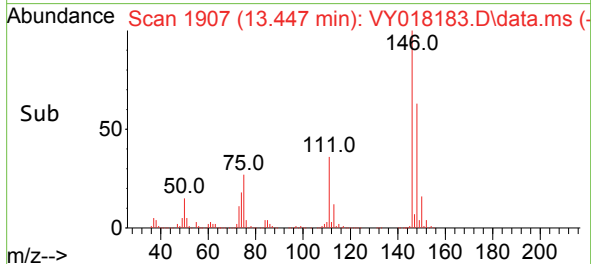
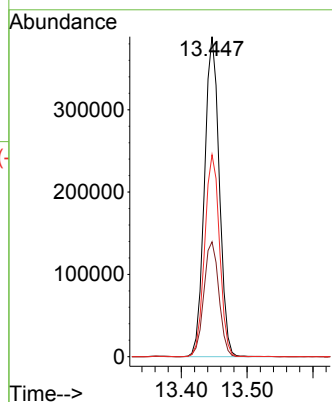
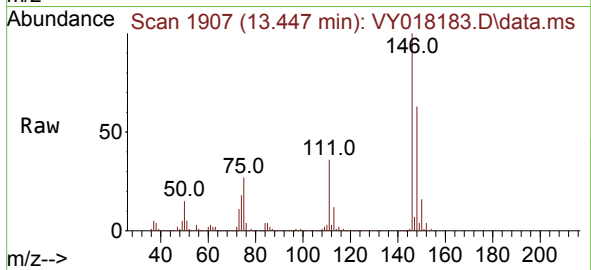
Tgt Ion:146 Resp: 607568

Ion Ratio Lower Upper

146 100

111 36.6 18.4 55.4

148 63.4 32.4 97.2



#91

1,2-Dichlorobenzene

Concen: 38.967 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018183.D

Acq: 08 May 2024 12:21

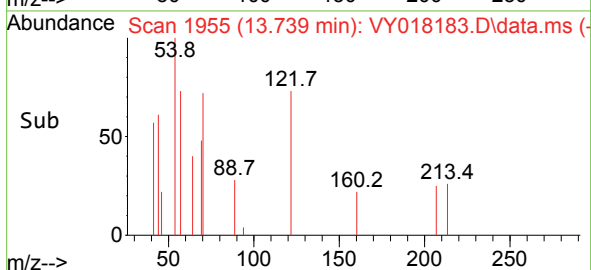
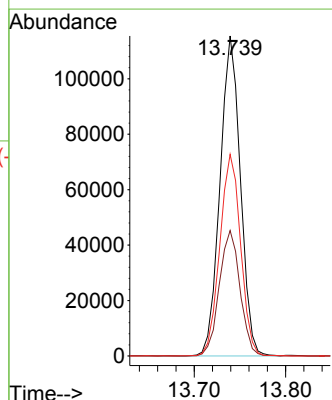
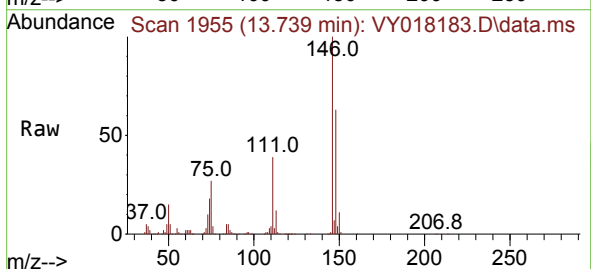
Tgt Ion:146 Resp: 178788

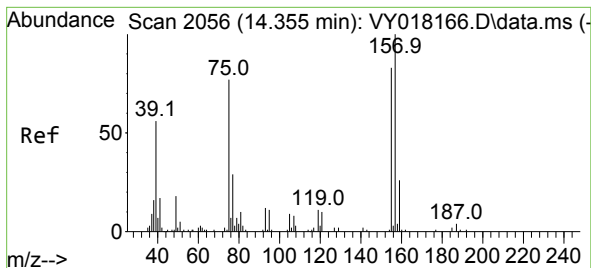
Ion Ratio Lower Upper

146 100

111 39.9 19.9 59.7

148 64.4 31.8 95.4

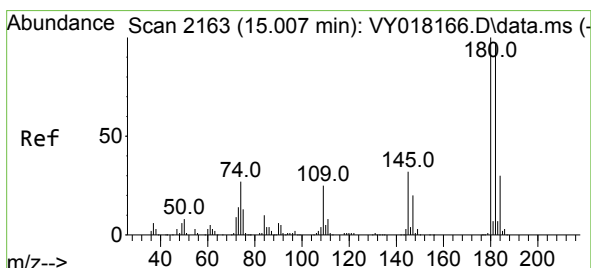
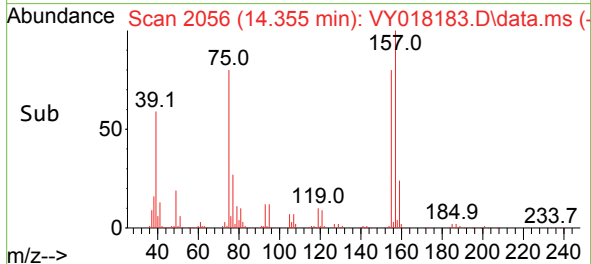
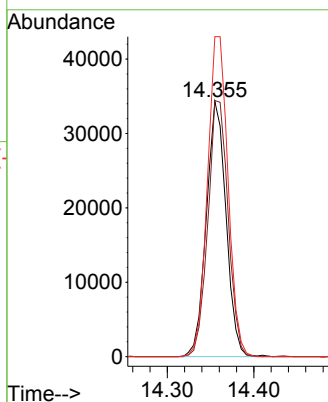
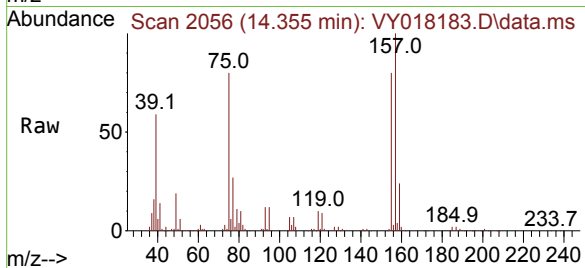




#92
1,2-Dibromo-3-Chloropropane
Concen: 207.595 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

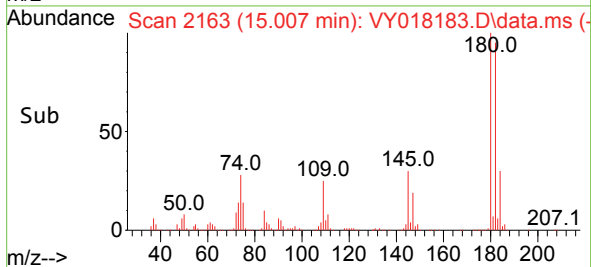
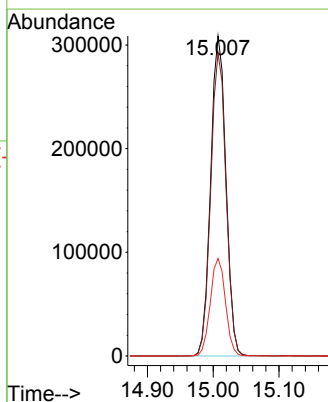
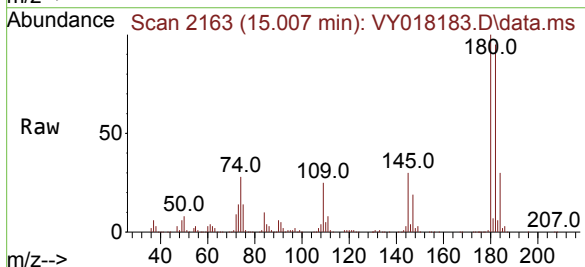
Instrument :
MSVOA_Y
ClientSampleId :

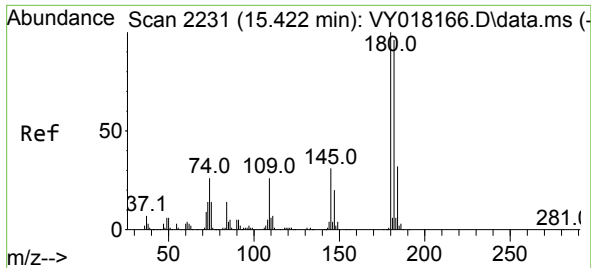
Tgt Ion: 75 Resp: 54255
Ion Ratio Lower Upper
75 100
155 103.0 48.6 145.8
157 130.4 62.7 188.2



#93
1,2,4-Trichlorobenzene
Concen: 193.636 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY018183.D
Acq: 08 May 2024 12:21

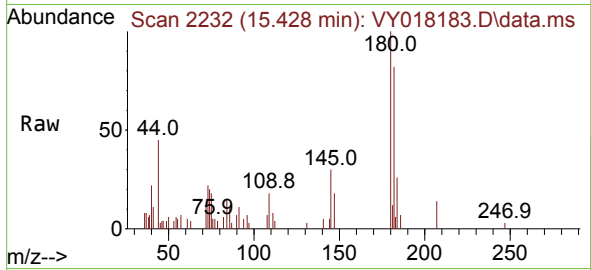
Tgt Ion:180 Resp: 499465
Ion Ratio Lower Upper
180 100
182 94.6 47.9 143.8
145 30.3 14.2 42.6





#96
 1,2,3-Trichlorobenzene
 Concen: 1.421 ug/l
 RT: 15.428 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: VY018183.D
 Acq: 08 May 2024 12:21

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	3007
Ion	Ratio	Lower	Upper
180	100		
182	86.0	47.6	142.9
145	35.3	15.4	46.1

