

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018184.D
 Acq On : 08 May 2024 13:31
 Operator : SY/MD
 Sample : P2252-23 4X
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:24:48 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	222110	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	375243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	315200	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	144393	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	95310	58.329	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 116.660%	
35) Dibromofluoromethane	7.710	113	114079	57.847	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.700%	
50) Toluene-d8	10.179	98	436682	56.192	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 112.380%	
62) 4-Bromofluorobenzene	12.483	95	140273	55.894	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 111.780%	

Target Compounds					Qvalue	
11) Tert butyl alcohol	4.924	59	5175	25.397	ug/l	100
12) 1,1-Dichloroethene	3.857	96	60797	28.304	ug/l	90
13) Acrolein	3.716	56	164	Below Cal	#	1
16) Acetone	3.936	43	55907	171.452	ug/l	93
20) Methylene Chloride	4.704	84	111097	48.203	ug/l	97
24) 1,1-Dichloroethane	6.009	63	76964	21.557	ug/l	99
25) 2-Butanone	6.978	43	65085	124.866	ug/l	96
26) 2,2-Dichloropropane	6.972	77	100837	31.206	ug/l	97
28) Bromochloromethane	7.326	49	50629	35.479	ug/l	95
29) Tetrahydrofuran	7.344	42	353	1.026	ug/l	# 26
30) Chloroform	7.496	83	50740	13.613	ug/l	96
31) Cyclohexane	7.777	56	4644	Below Cal	#	1
32) 1,1,1-Trichloroethane	7.697	97	127335	38.116	ug/l	99
36) 1,1-Dichloropropene	7.783	75	15880	5.617	ug/l	# 49
37) Ethyl Acetate	6.978	43	65085	54.698	ug/l	# 77
38) Carbon Tetrachloride	7.893	117	45861	14.846	ug/l	97
43) Isopropyl Acetate	8.338	43	73901	30.300	ug/l	# 8
45) 1,2-Dichloropropane	9.209	63	108128	54.387	ug/l	97
48) Methyl methacrylate	9.209	41	51153	45.761	ug/l	# 19
49) 1,4-Dioxane	9.313	88	52	3.428	ug/l	# 1
51) 4-Methyl-2-Pentanone	10.063	43	1689	1.378	ug/l	# 82
52) Toluene	10.240	92	110245	18.831	ug/l	96
53) t-1,3-Dichloropropene	10.465	75	113672	43.071	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	130600	40.482	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	80017	50.964	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.782	63	1167	1.146	ug/l	# 71
59) 2-Hexanone	10.831	43	26211	30.580	ug/l	94
60) Dibromochloromethane	10.983	129	76921	37.761	ug/l	99
61) 1,2-Dibromoethane	11.087	107	39263	26.550	ug/l	99
64) Tetrachloroethene	10.715	164	54758	26.092	ug/l	96
65) Chlorobenzene	11.514	112	316008	49.225	ug/l	98
67) Ethyl Benzene	11.593	91	104056	9.600	ug/l	96
68) m/p-Xylenes	11.703	106	163276	38.092	ug/l	97
69) o-Xylene	12.026	106	157969	38.403	ug/l	95
70) Styrene	12.044	104	268769	39.125	ug/l	97
71) Bromoform	12.209	173	25527	22.218	ug/l	# 99

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

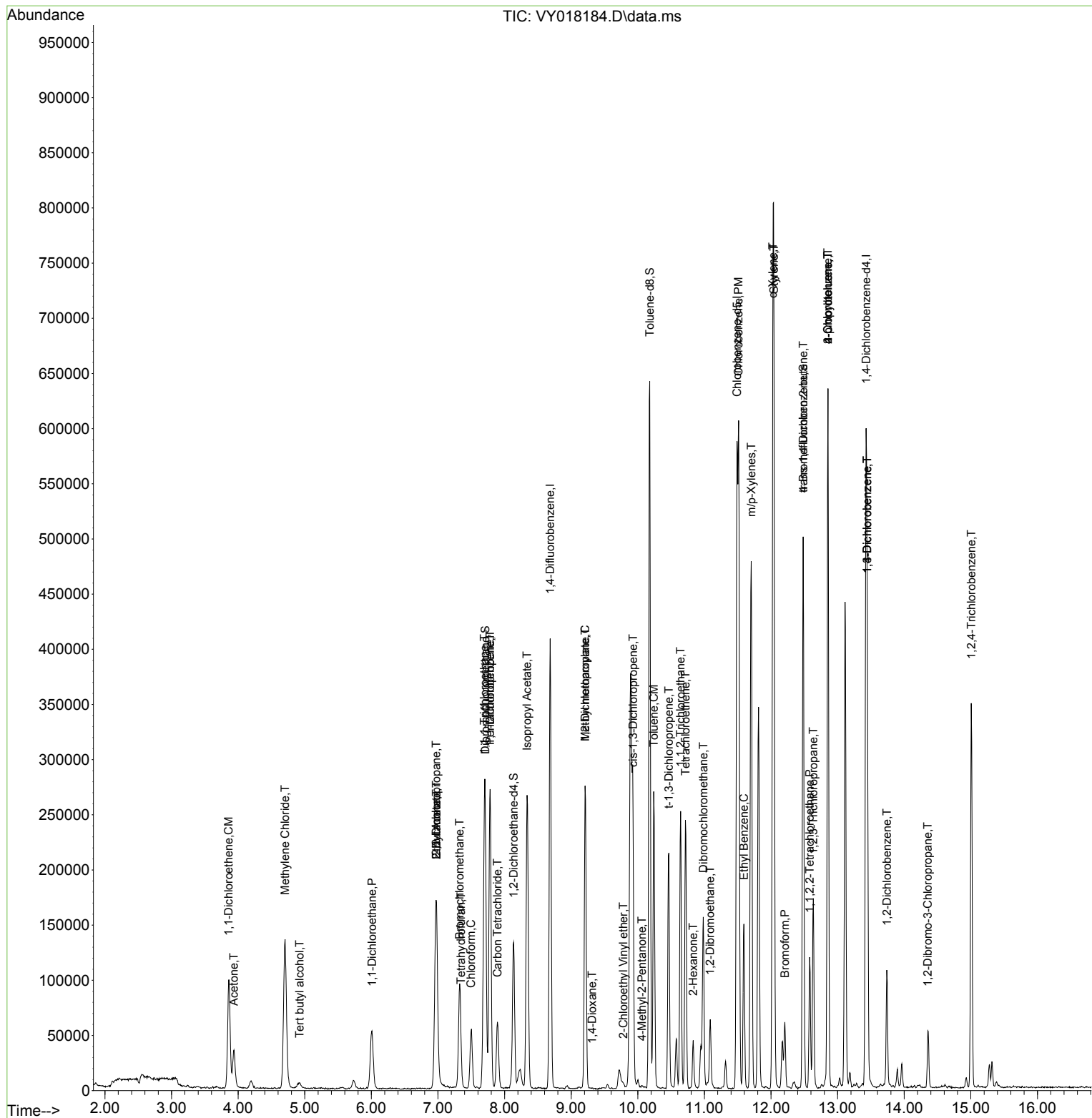
75) 1,1,2,2-Tetrachloroethane	12.581	83	55757	32.286	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	66250	57.321	ug/l #	100
78) n-propylbenzene	12.855	91	351561	27.919	ug/l #	53
79) 2-Chlorotoluene	12.855	91	351561	50.242	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.483	75	69442	115.759	ug/l #	16
82) 4-Chlorotoluene	12.855	91	351561	50.018	ug/l	97
87) 1,3-Dichlorobenzene	13.446	146	143941	29.969	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	143941	30.741	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	43814	10.613	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	12312	52.357	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	110498	47.611	ug/l	99

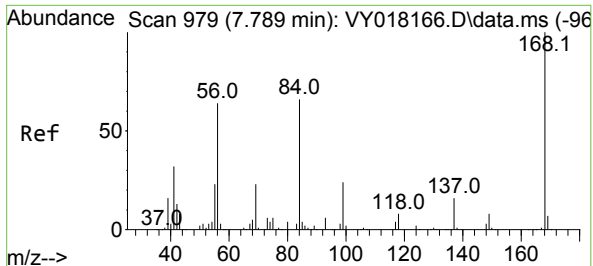
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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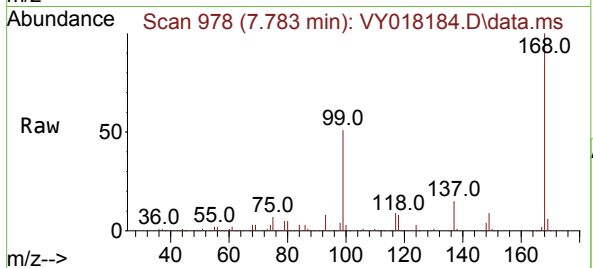
Quant Time: May 09 02:24:48 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050724S.M
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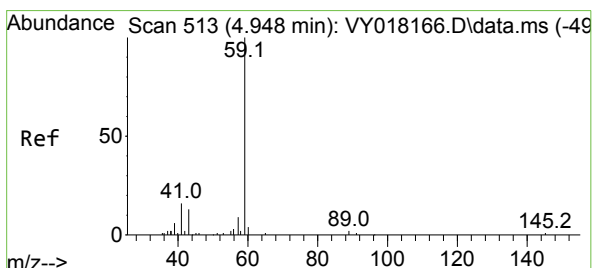
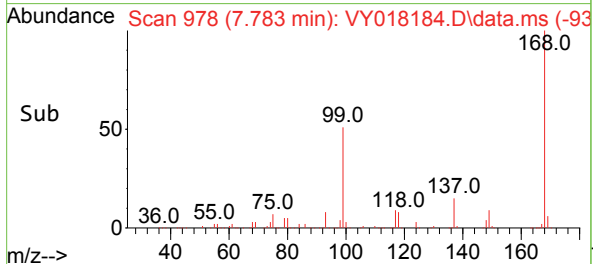
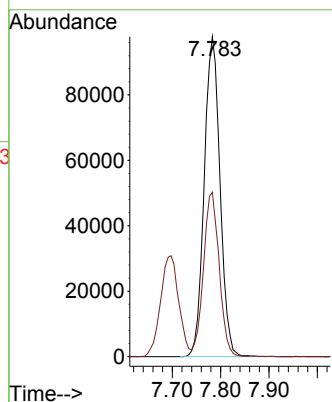


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

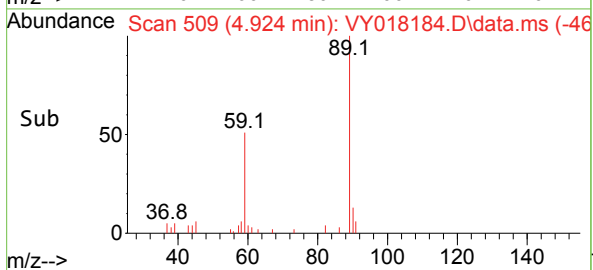
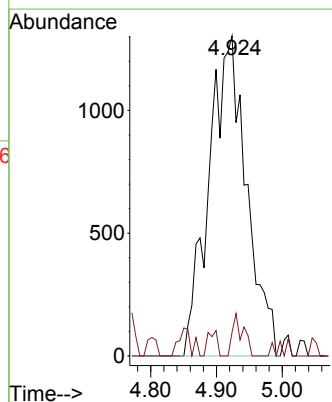
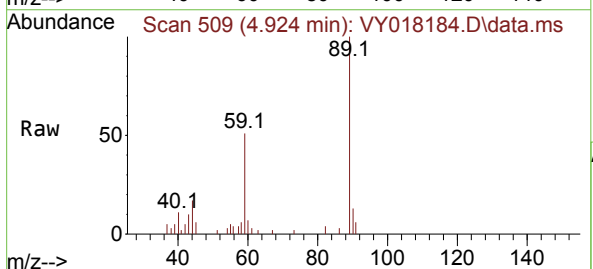


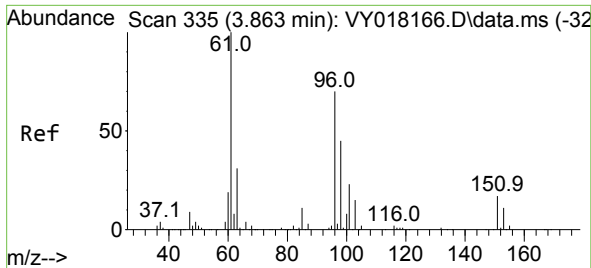
Tgt Ion:168 Resp: 222110
Ion Ratio Lower Upper
168 100
99 51.4 39.1 58.7



#11
Tert butyl alcohol
Concen: 25.397 ug/l
RT: 4.924 min Scan# 509
Delta R.T. -0.024 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 59 Resp: 5175
Ion Ratio Lower Upper
59 100
57 3.8 3.0 4.6

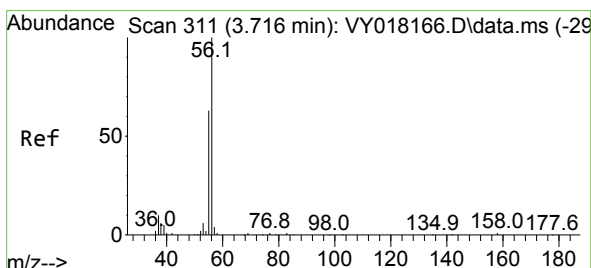
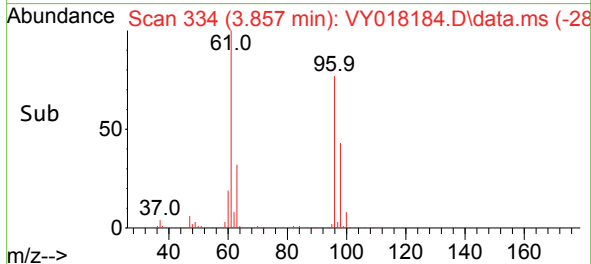
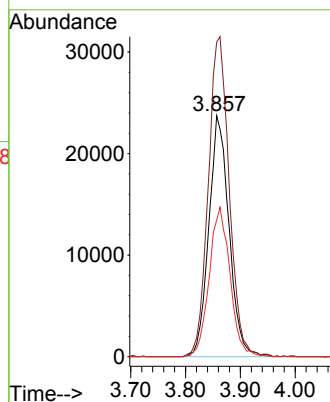
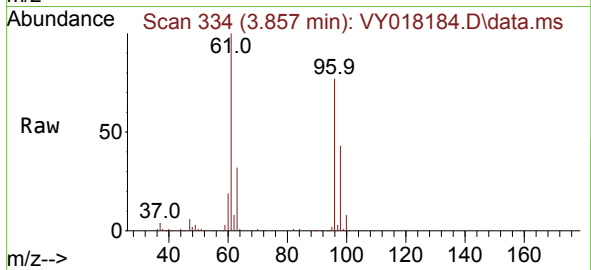




#12
1,1-Dichloroethene
Concen: 28.304 ug/l
RT: 3.857 min Scan# 311
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

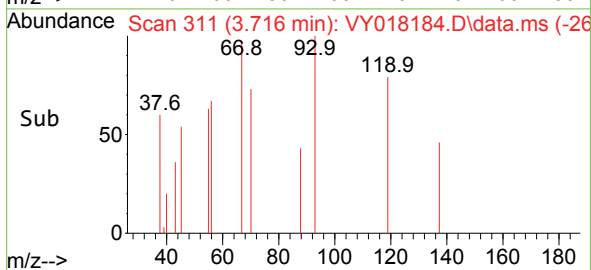
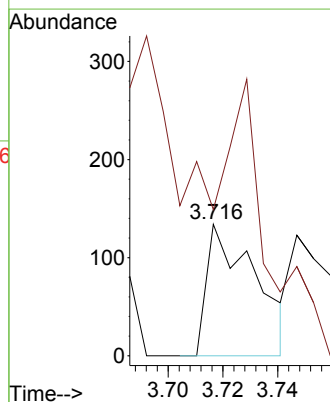
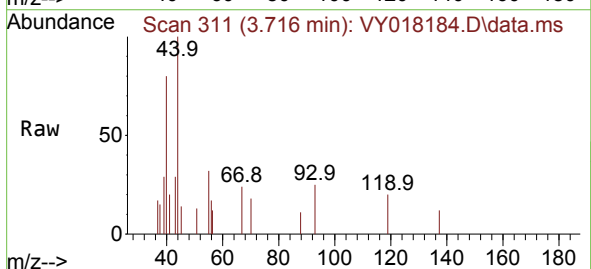
Instrument :
MSVOA_Y
ClientSampleId :

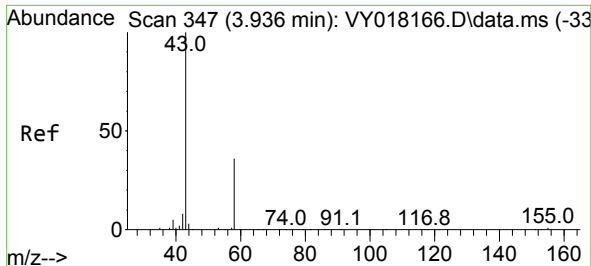
Tgt Ion: 96 Resp: 60797
Ion Ratio Lower Upper
96 100
61 130.6 114.6 171.8
98 56.7 50.8 76.2



#13
Acrolein
Concen: Below Cal
RT: 3.716 min Scan# 311
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 56 Resp: 164
Ion Ratio Lower Upper
56 100
55 178.0 55.7 83.5#

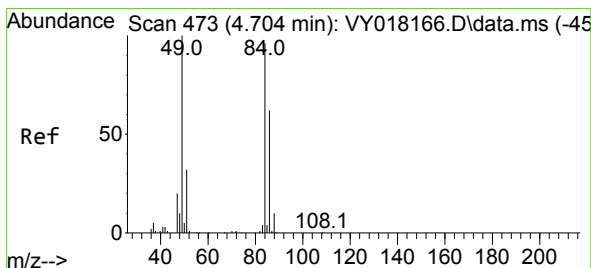
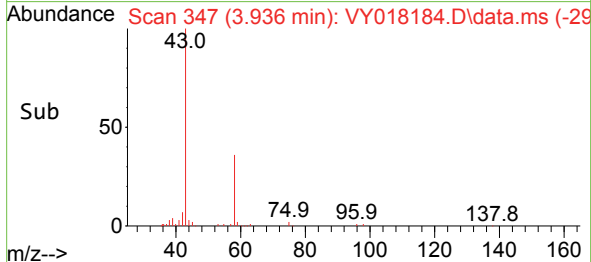
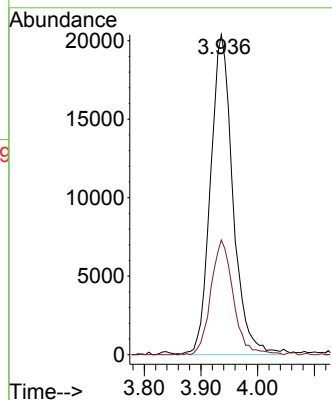
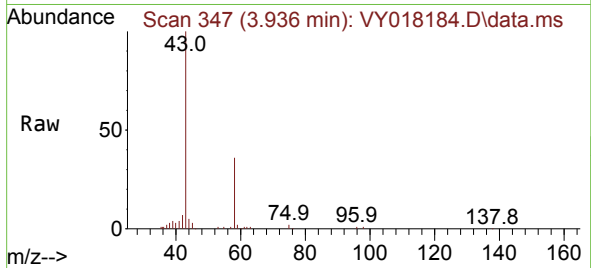




#16
Acetone
Concen: 171.452 ug/l
RT: 3.936 min Scan# 347
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

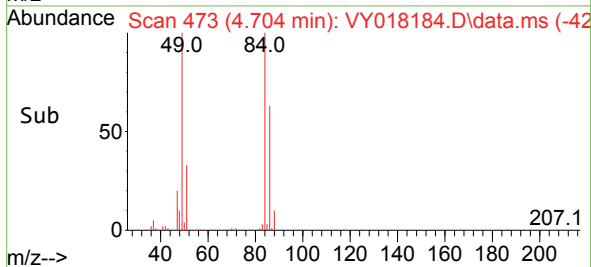
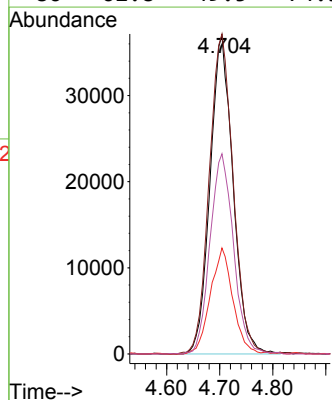
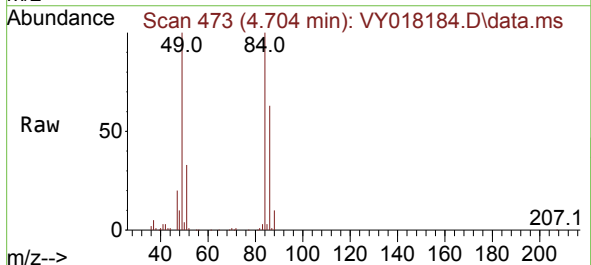
Instrument :
MSVOA_Y
ClientSampleId :

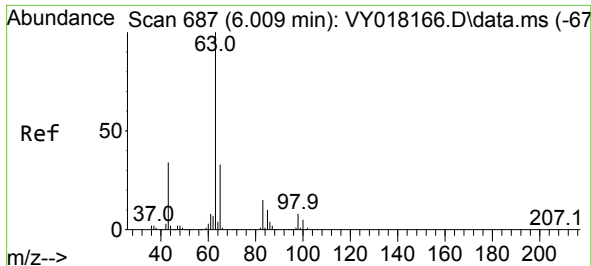
Tgt Ion: 43 Resp: 55907
Ion Ratio Lower Upper
43 100
58 35.5 31.7 47.5



#20
Methylene Chloride
Concen: 48.203 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

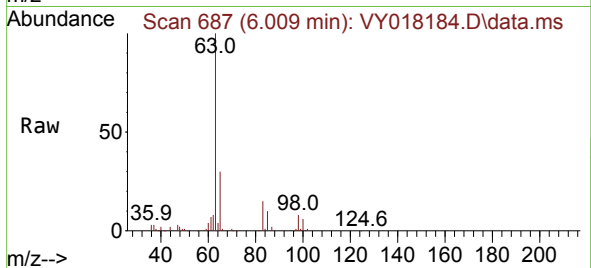
Tgt Ion: 84 Resp: 111097
Ion Ratio Lower Upper
84 100
49 100.2 84.4 126.6
51 33.3 26.0 39.0
86 62.8 49.5 74.3



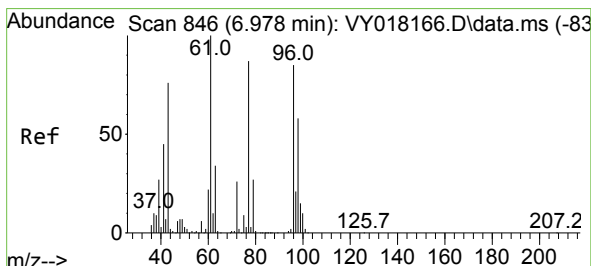
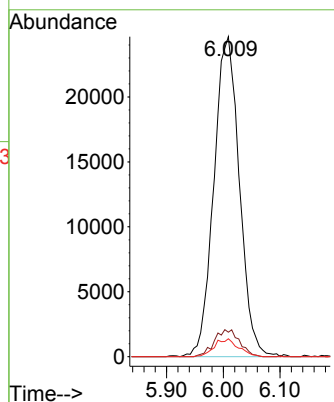
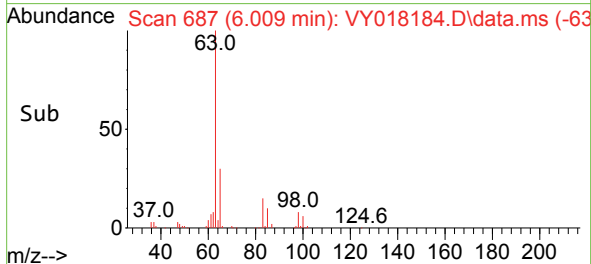


#24
1,1-Dichloroethane
Concen: 21.557 ug/l
RT: 6.009 min Scan# 61
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

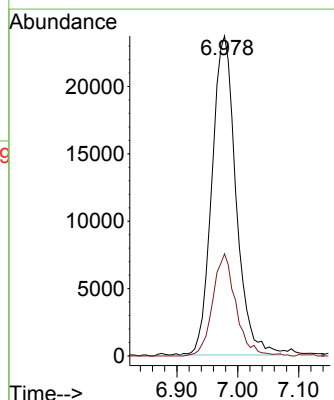
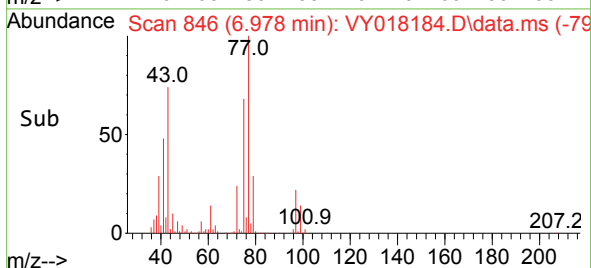
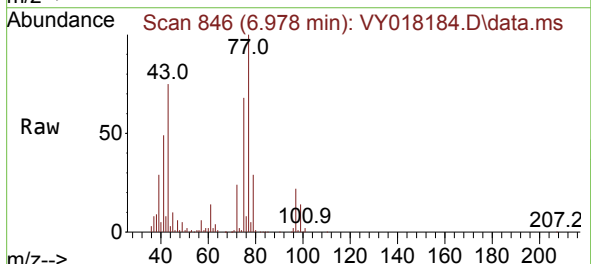


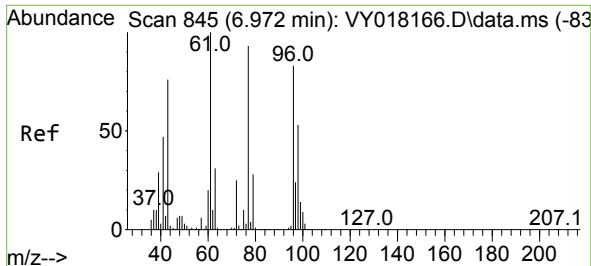
Tgt Ion: 63 Resp: 76964
Ion Ratio Lower Upper
63 100
98 7.7 4.0 12.2
100 5.6 2.6 8.0



#25
2-Butanone
Concen: 124.866 ug/l
RT: 6.978 min Scan# 846
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 43 Resp: 65085
Ion Ratio Lower Upper
43 100
72 32.0 27.3 40.9

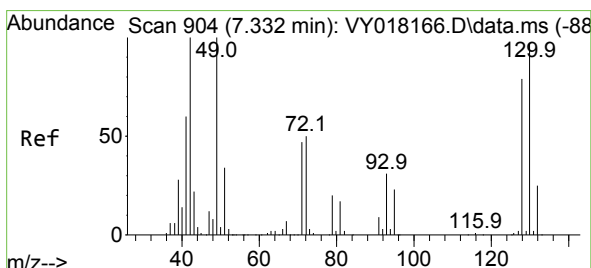
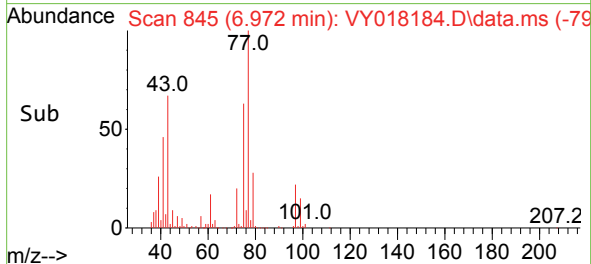
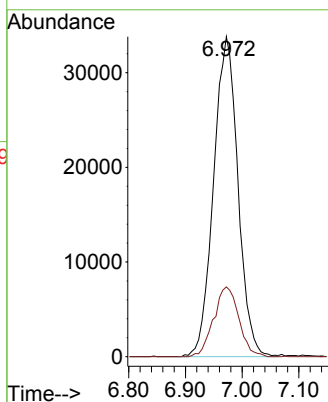
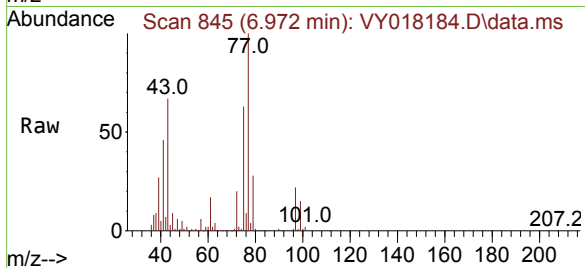




#26
2,2-Dichloropropane
Concen: 31.206 ug/l
RT: 6.972 min Scan# 845
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

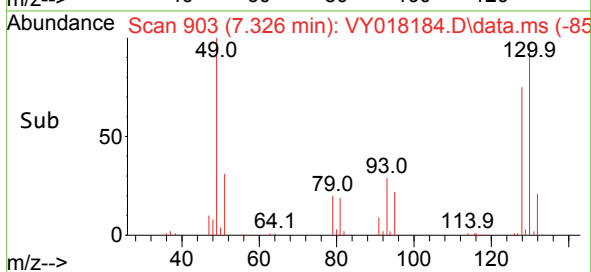
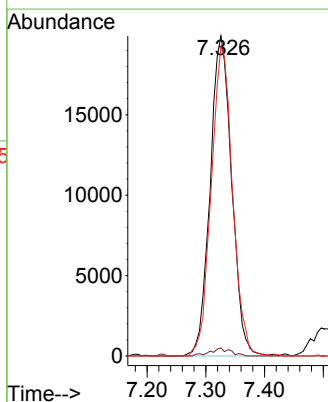
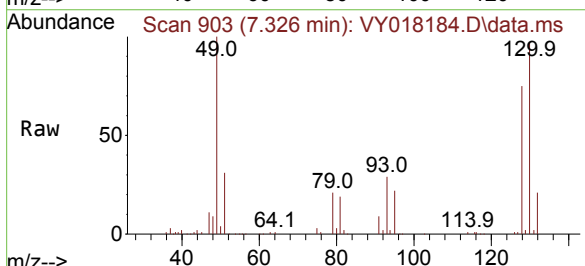
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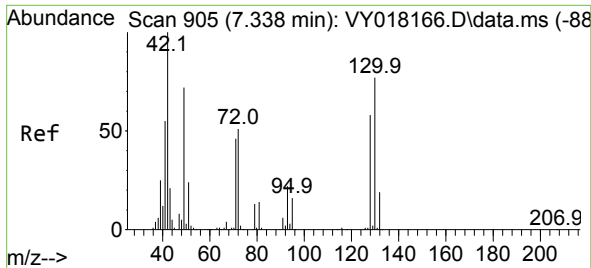
Tgt Ion: 77 Resp: 100837
Ion Ratio Lower Upper
77 100
97 22.6 12.0 36.1



#28
Bromochloromethane
Concen: 35.479 ug/l
RT: 7.326 min Scan# 903
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

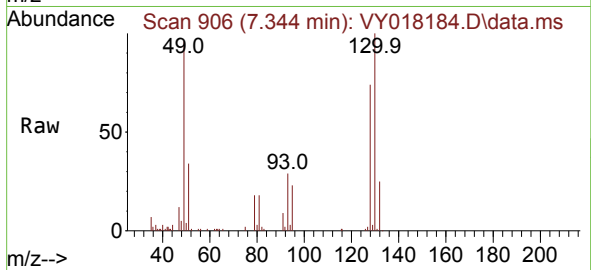
Tgt Ion: 49 Resp: 50629
Ion Ratio Lower Upper
49 100
129 2.3 0.0 4.6
130 95.7 72.7 109.1



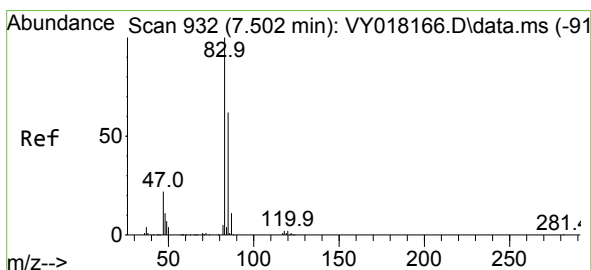
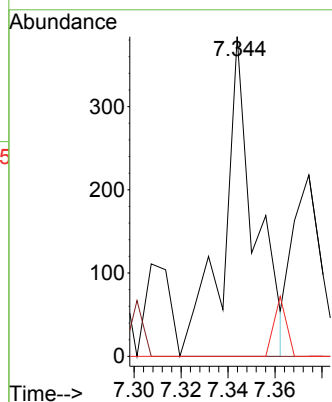
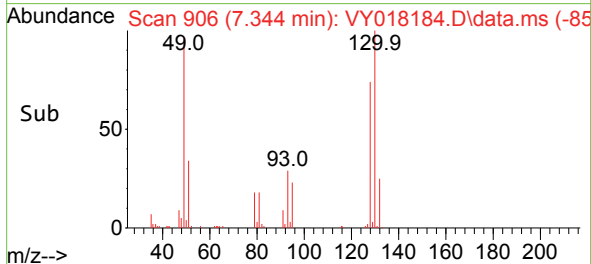


#29
Tetrahydrofuran
Concen: 1.026 ug/l
RT: 7.344 min Scan# 905
Delta R.T. 0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
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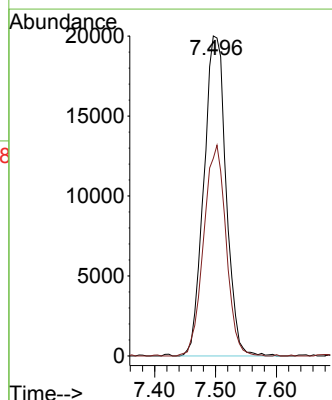
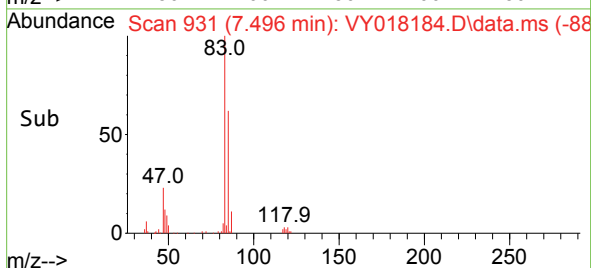
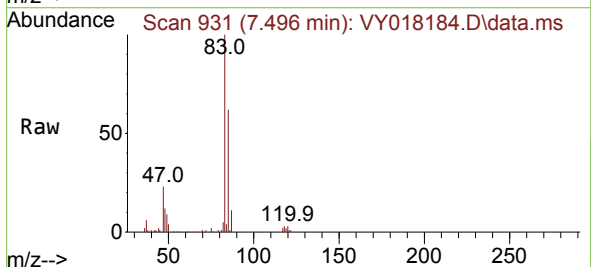


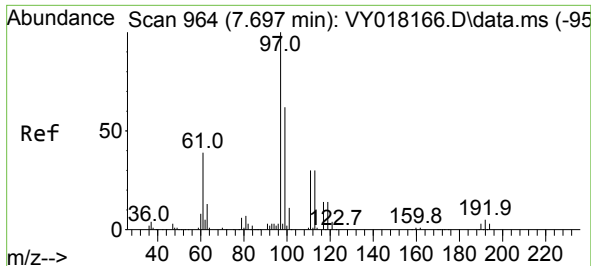
Tgt Ion: 42 Resp: 353
Ion Ratio Lower Upper
42 100
72 0.0 43.0 64.4#
71 0.0 40.8 61.2#



#30
Chloroform
Concen: 13.613 ug/l
RT: 7.496 min Scan# 931
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 83 Resp: 50740
Ion Ratio Lower Upper
83 100
85 61.7 52.2 78.4

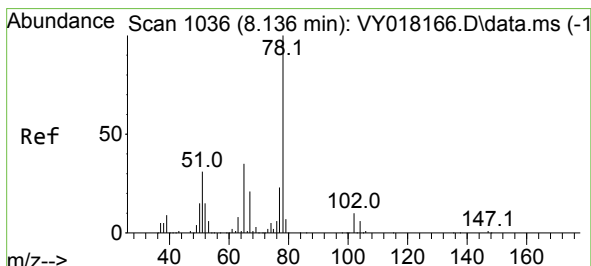
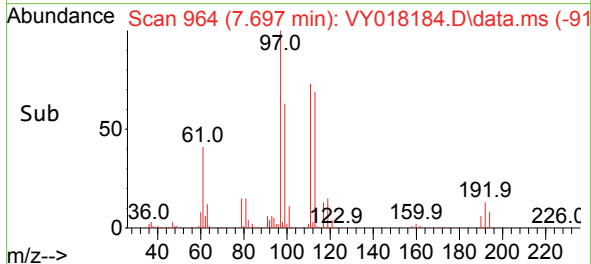
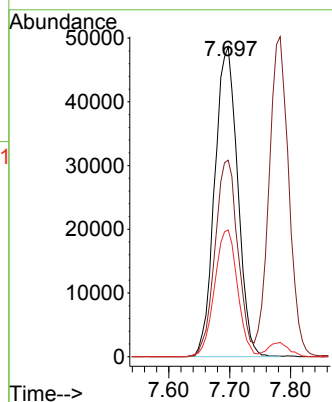
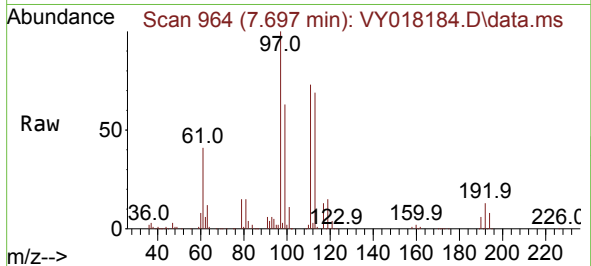




#32
1,1,1-Trichloroethane
Concen: 38.116 ug/l
RT: 7.697 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

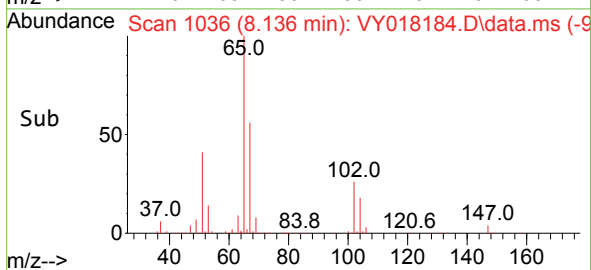
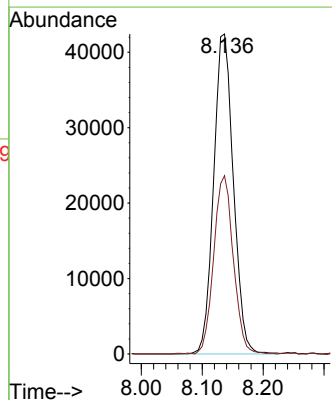
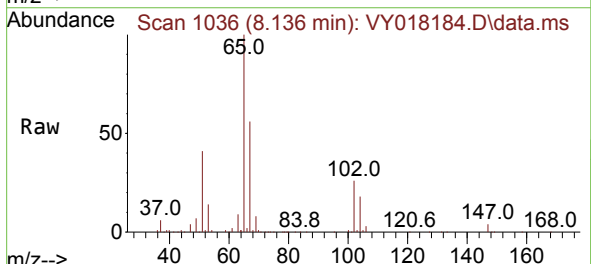
Instrument :
MSVOA_Y
ClientSampleId :

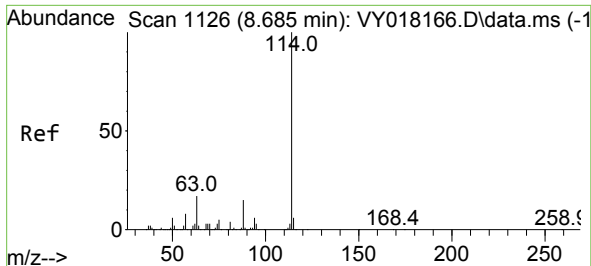
Tgt Ion: 97 Resp: 127335
Ion Ratio Lower Upper
97 100
99 63.8 50.3 75.5
61 40.9 32.6 48.8



#33
1,2-Dichloroethane-d4
Concen: 58.329 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 65 Resp: 95310
Ion Ratio Lower Upper
65 100
67 55.5 0.0 109.6

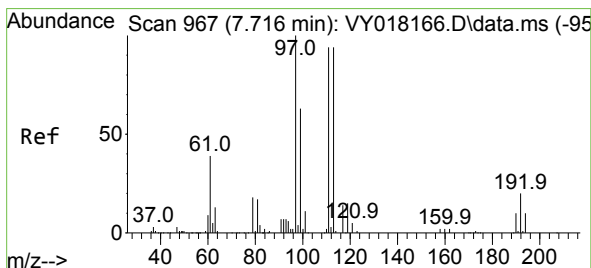
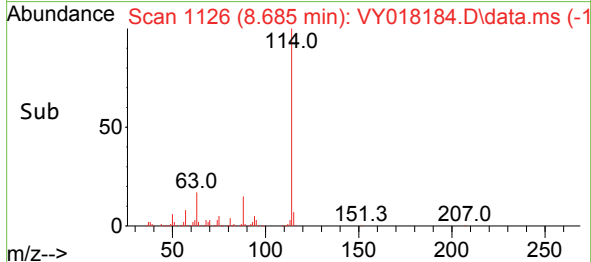
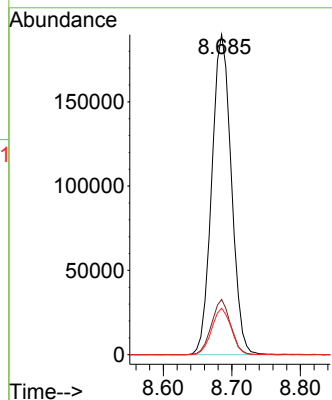
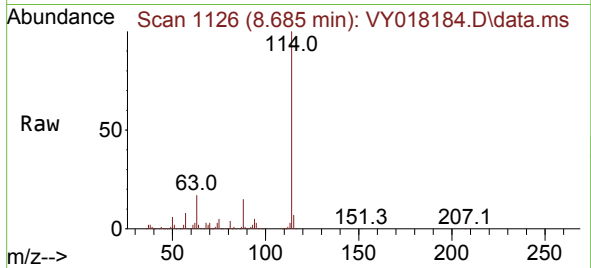




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

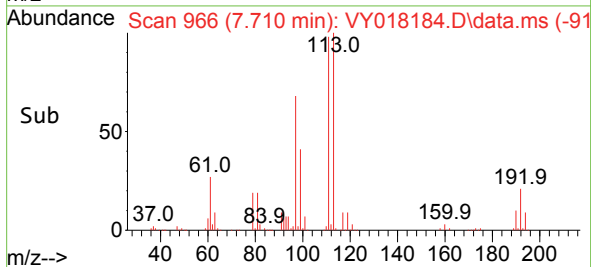
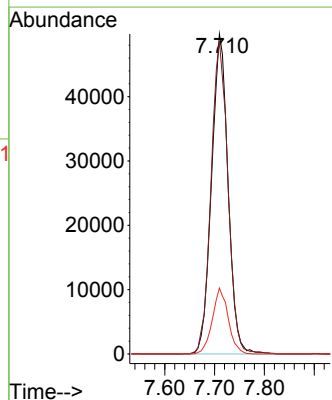
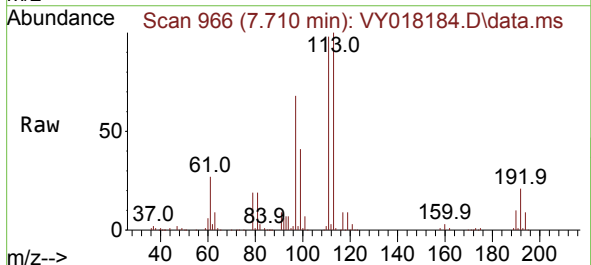
Instrument :
MSVOA_Y
ClientSampleId :

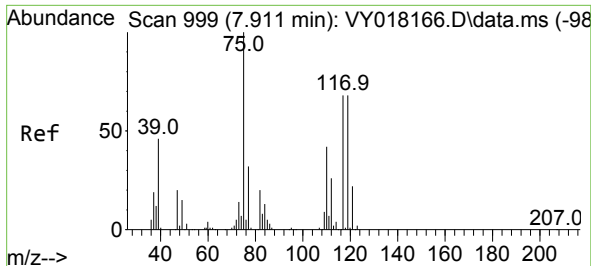
Tgt Ion:114 Resp: 375243
Ion Ratio Lower Upper
114 100
63 17.2 0.0 35.0
88 14.5 0.0 27.2



#35
Dibromofluoromethane
Concen: 57.847 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

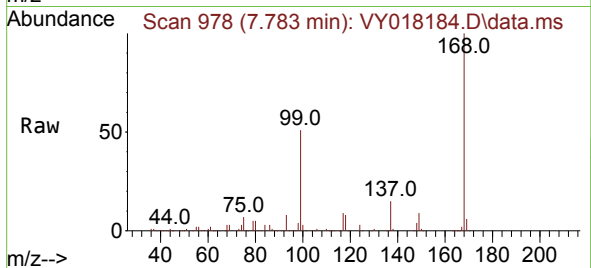
Tgt Ion:113 Resp: 114079
Ion Ratio Lower Upper
113 100
111 100.5 82.2 123.4
192 19.9 15.9 23.9



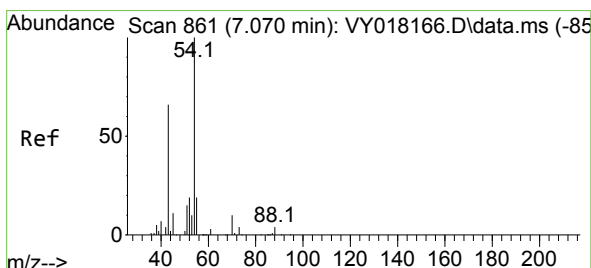
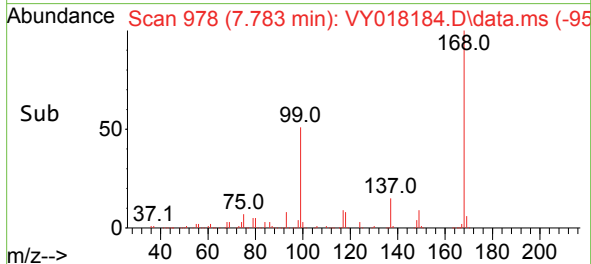
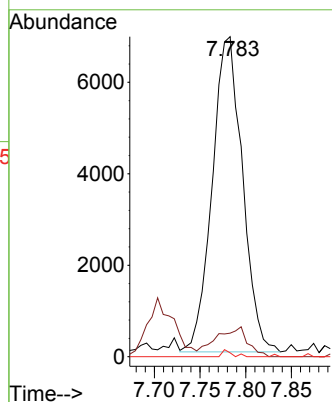


#36
1,1-Dichloropropene
Concen: 5.617 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.128 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

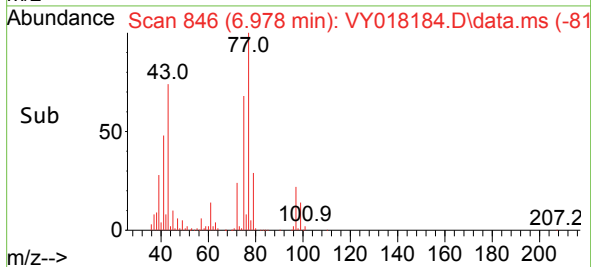
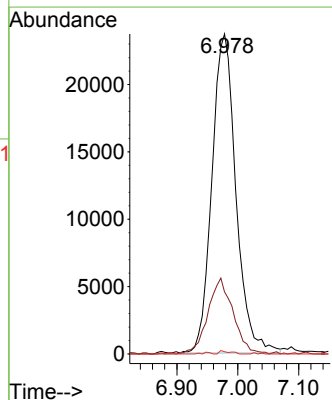
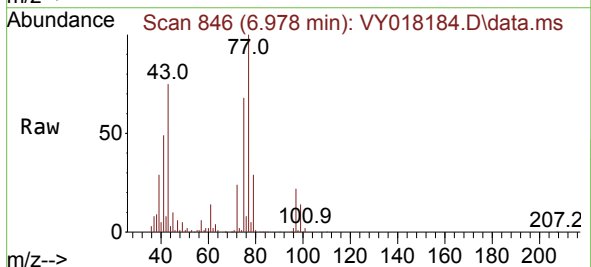


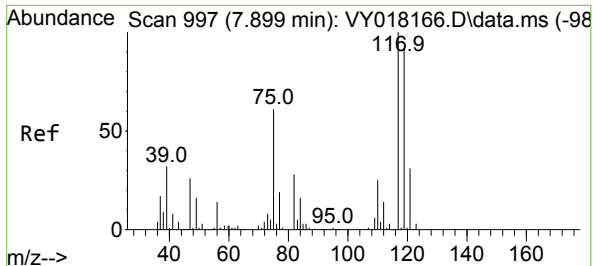
Tgt Ion: 75 Resp: 15880
Ion Ratio Lower Upper
75 100
110 9.8 19.0 57.0#
77 0.7 25.3 37.9#



#37
Ethyl Acetate
Concen: 54.698 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.091 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

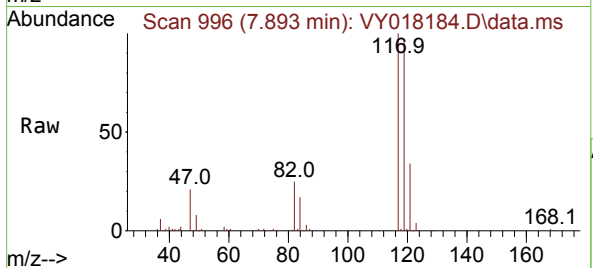
Tgt Ion: 43 Resp: 65085
Ion Ratio Lower Upper
43 100
61 24.9 12.6 19.0#
70 0.4 7.8 11.8#



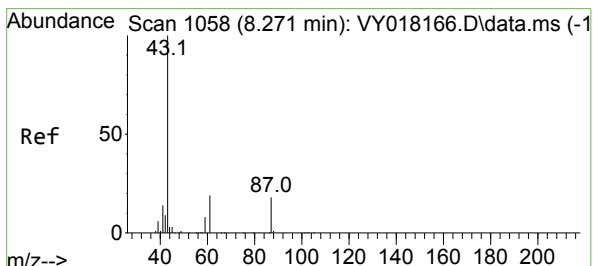
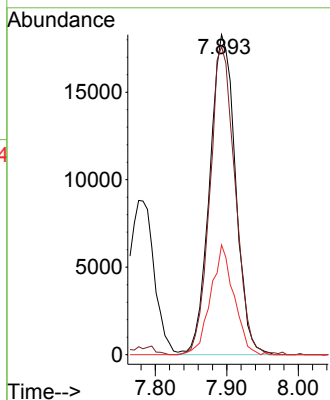
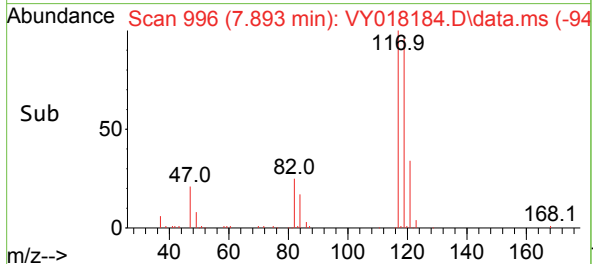


#38
Carbon Tetrachloride
Concen: 14.846 ug/l
RT: 7.893 min Scan# 997
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

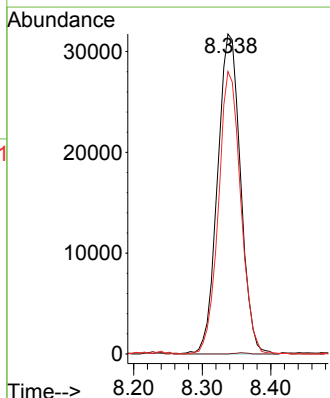
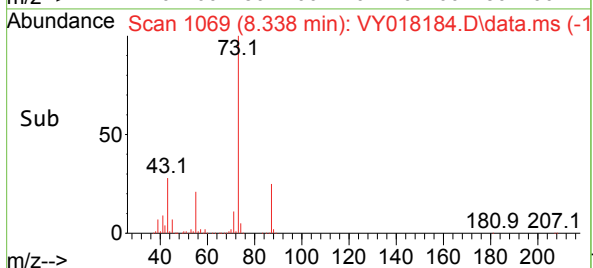
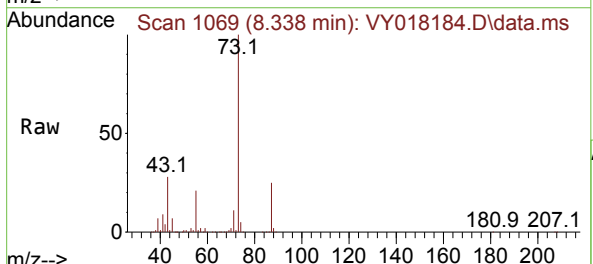


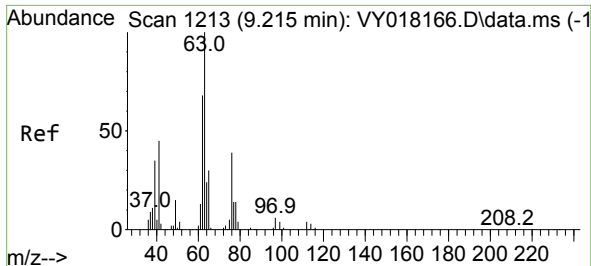
Tgt Ion:117 Resp: 45861
Ion Ratio Lower Upper
117 100
119 96.3 75.8 113.6
121 34.3 24.0 36.0



#43
Isopropyl Acetate
Concen: 30.300 ug/l
RT: 8.338 min Scan# 1069
Delta R.T. 0.067 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 43 Resp: 73901
Ion Ratio Lower Upper
43 100
61 0.2 27.9 41.9#
87 85.6 13.1 19.7#

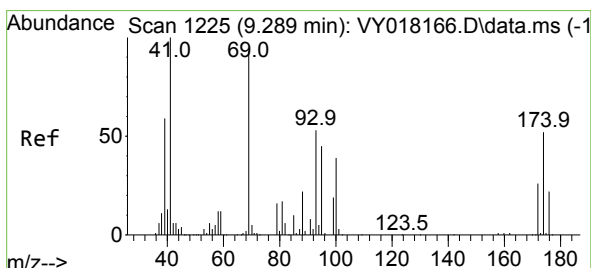
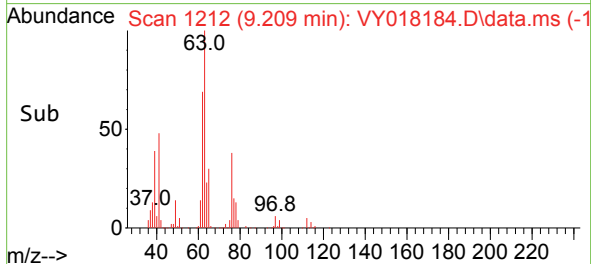
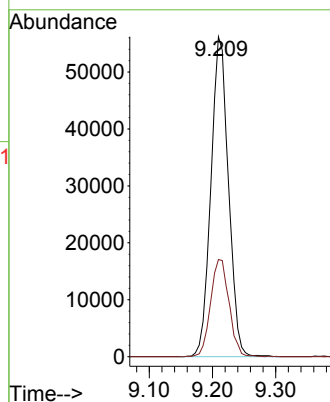
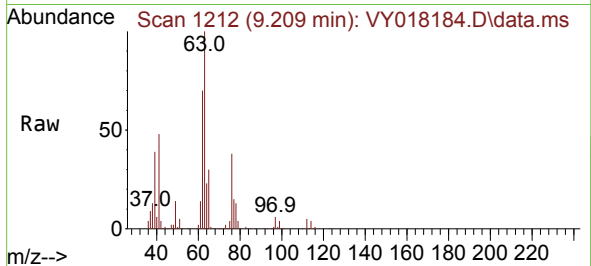




#45
1,2-Dichloropropane
Concen: 54.387 ug/l
RT: 9.209 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

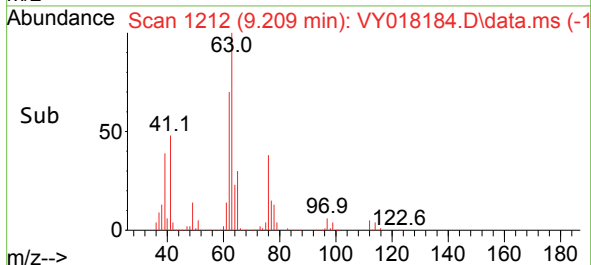
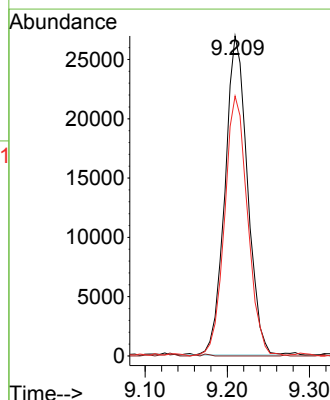
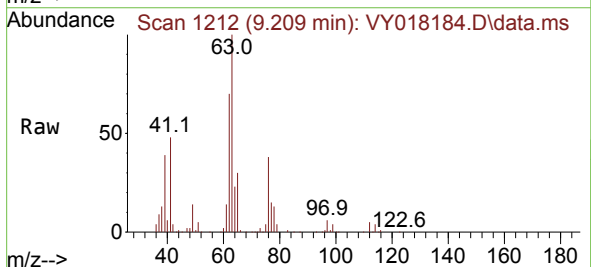
Instrument :
MSVOA_Y
ClientSampleId :

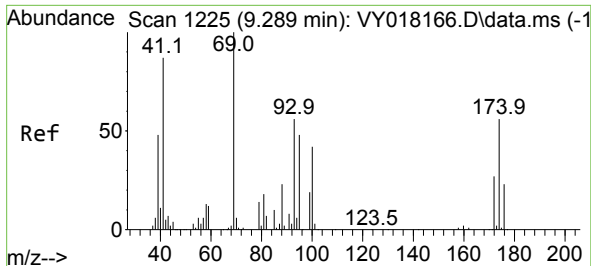
Tgt Ion: 63 Resp: 108128
Ion Ratio Lower Upper
63 100
65 30.3 25.4 38.2



#48
Methyl methacrylate
Concen: 45.761 ug/l
RT: 9.209 min Scan# 1212
Delta R.T. -0.079 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 41 Resp: 51153
Ion Ratio Lower Upper
41 100
69 0.0 84.1 126.1#
39 83.5 43.6 65.4#





#49

1,4-Dioxane

Concen: 3.428 ug/l

RT: 9.313 min Scan# 1229

Delta R.T. 0.024 min

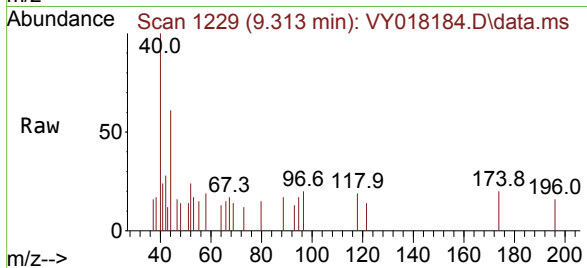
Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :



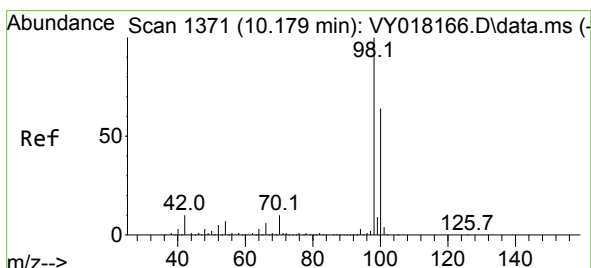
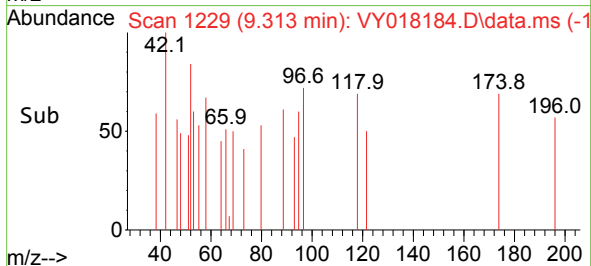
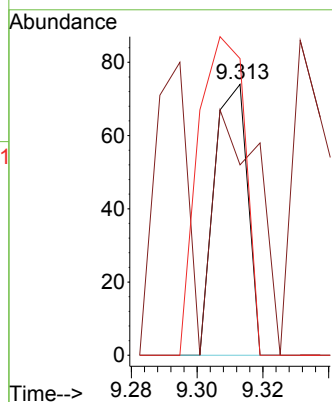
Tgt Ion: 88 Resp: 52

Ion Ratio Lower Upper

88 100

43 125.0 0.0 0.0#

58 165.4 49.3 73.9#



#50

Toluene-d8

Concen: 56.192 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. 0.000 min

Lab File: VY018184.D

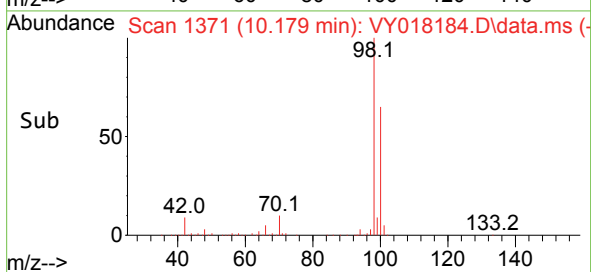
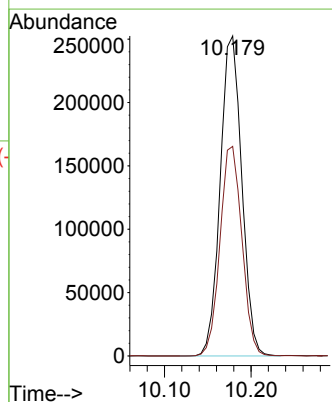
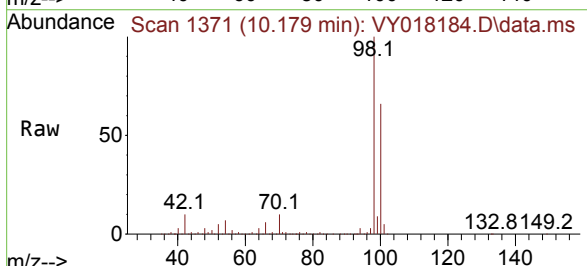
Acq: 08 May 2024 13:31

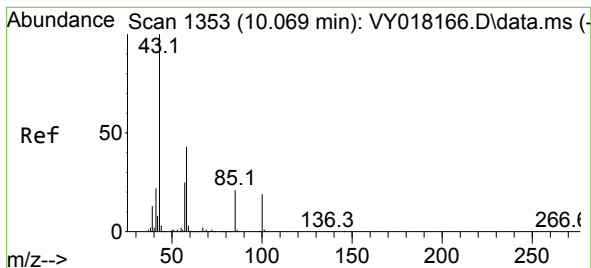
Tgt Ion: 98 Resp: 436682

Ion Ratio Lower Upper

98 100

100 66.6 52.0 78.0

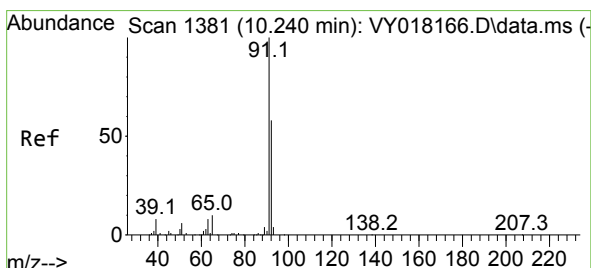
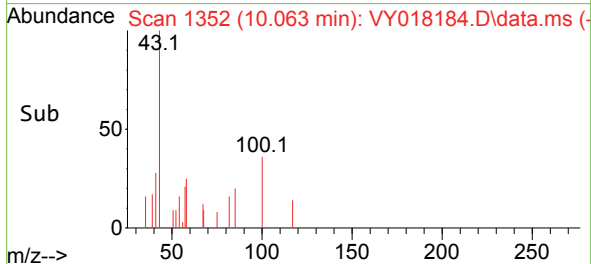
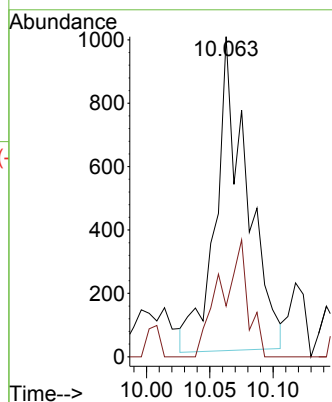
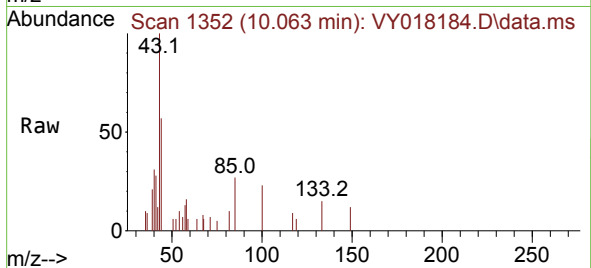




#51
4-Methyl-2-Pentanone
Concen: 1.378 ug/l
RT: 10.063 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

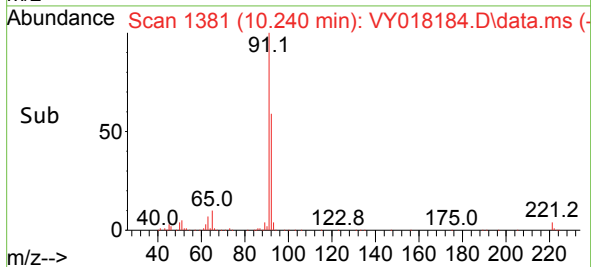
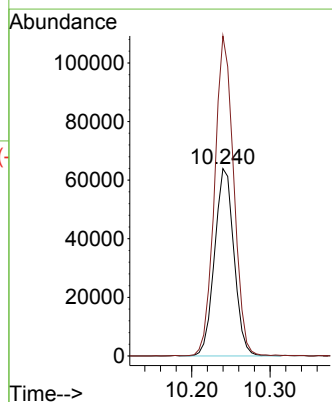
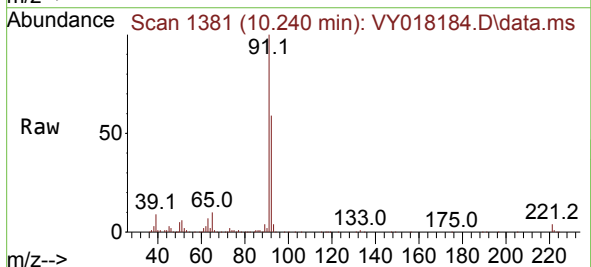
Instrument :
MSVOA_Y
ClientSampleId :

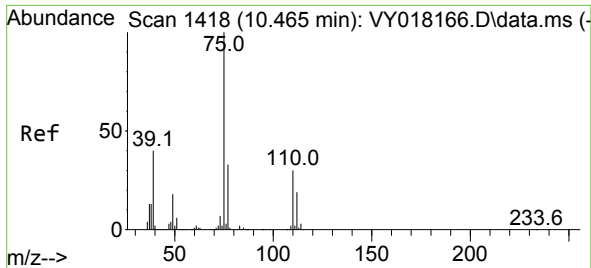
Tgt Ion: 43 Resp: 1689
Ion Ratio Lower Upper
43 100
58 32.9 35.7 53.5#



#52
Toluene
Concen: 18.831 ug/l
RT: 10.240 min Scan# 1381
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 92 Resp: 110245
Ion Ratio Lower Upper
92 100
91 168.4 139.0 208.6

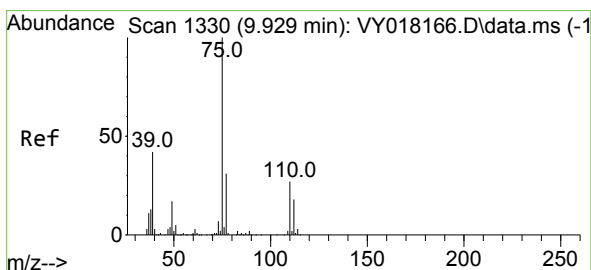
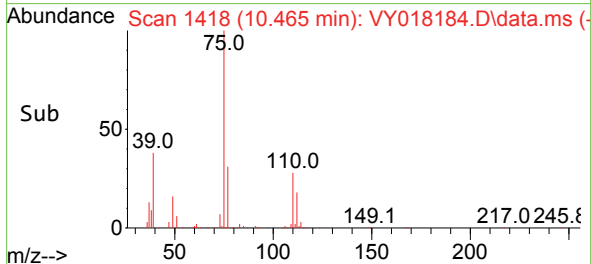
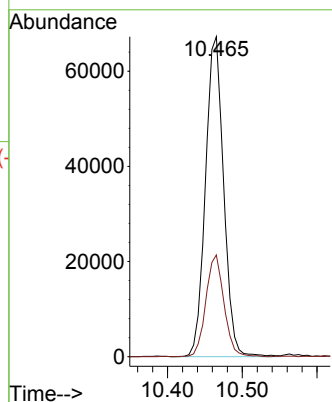
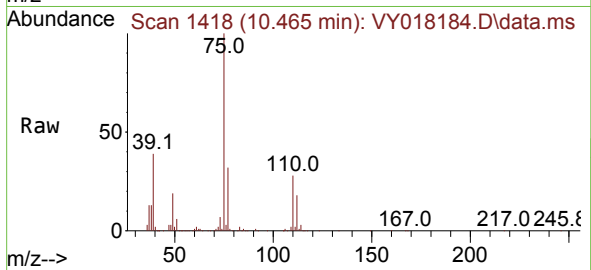




#53
t-1,3-Dichloropropene
Concen: 43.071 ug/l
RT: 10.465 min Scan# 1418
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

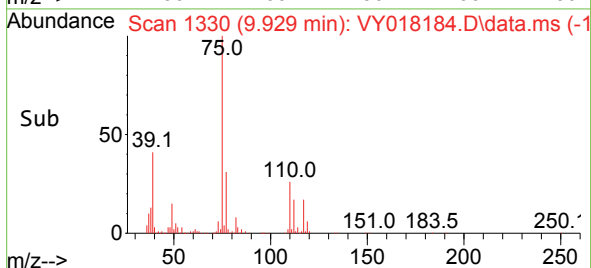
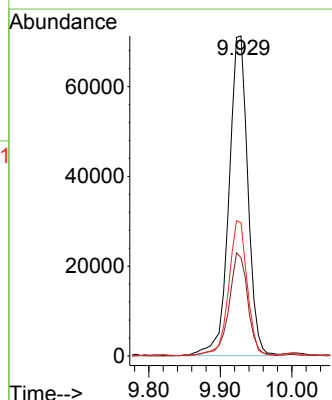
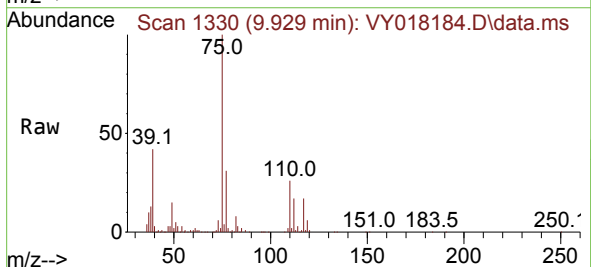
Instrument :
MSVOA_Y
ClientSampleId :

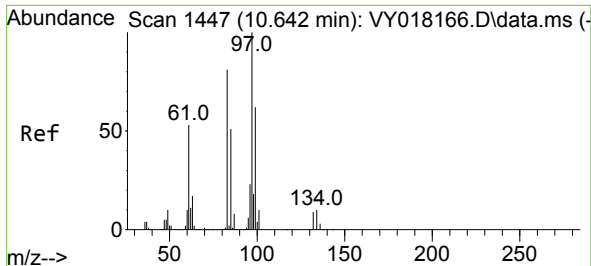
Tgt Ion: 75 Resp: 113672
Ion Ratio Lower Upper
75 100
77 31.7 24.1 36.1



#54
cis-1,3-Dichloropropene
Concen: 40.482 ug/l
RT: 9.929 min Scan# 1330
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

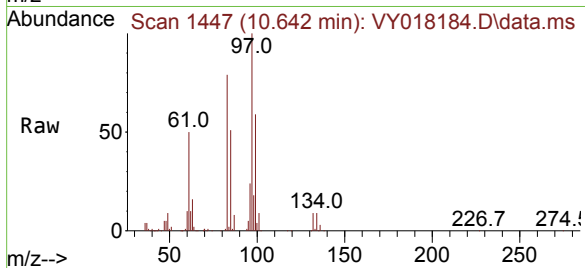
Tgt Ion: 75 Resp: 130600
Ion Ratio Lower Upper
75 100
77 30.6 25.4 38.0
39 41.6 29.8 44.6



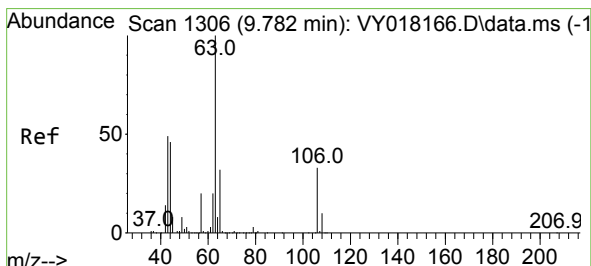
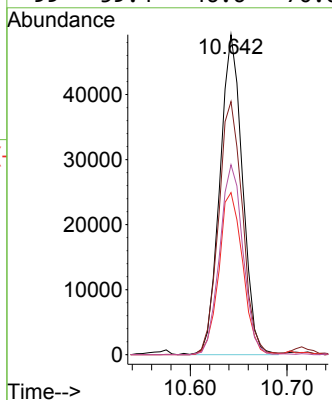
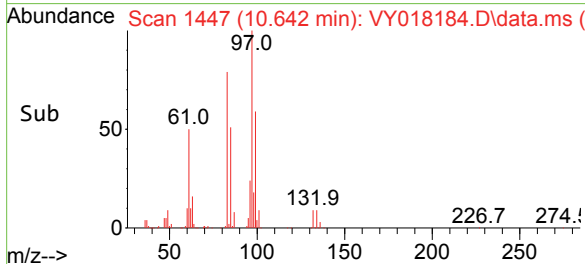


#55
 1,1,2-Trichloroethane
 Concen: 50.964 ug/l
 RT: 10.642 min Scan# 1447
 Delta R.T. 0.000 min
 Lab File: VY018184.D
 Acq: 08 May 2024 13:31

Instrument :
 MSVOA_Y
 ClientSampleId :

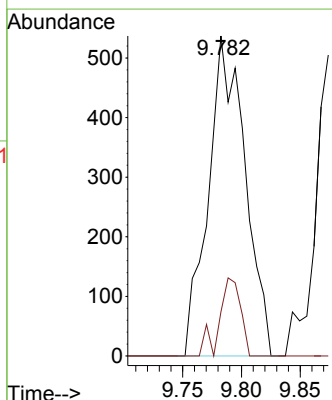
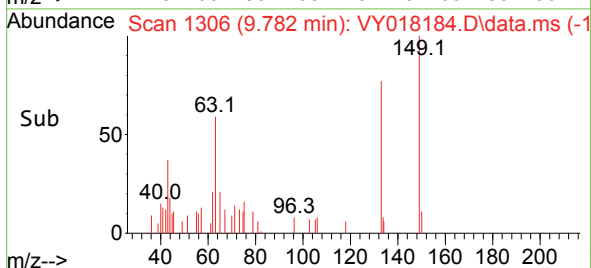
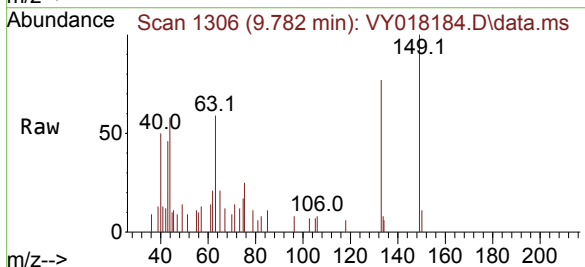


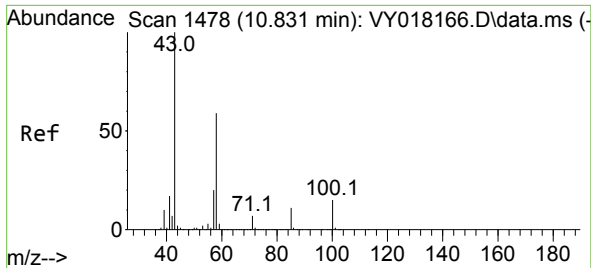
Tgt Ion:	97	Resp:	80017
Ion	Ratio	Lower	Upper
97	100		
83	79.1	67.5	101.3
85	50.7	42.9	64.3
99	59.4	46.6	70.0



#58
 2-Chloroethyl Vinyl ether
 Concen: 1.146 ug/l
 RT: 9.782 min Scan# 1306
 Delta R.T. 0.000 min
 Lab File: VY018184.D
 Acq: 08 May 2024 13:31

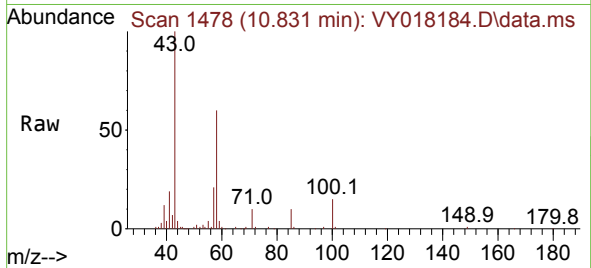
Tgt Ion:	63	Resp:	1167
Ion	Ratio	Lower	Upper
63	100		
106	14.1	23.7	35.5#



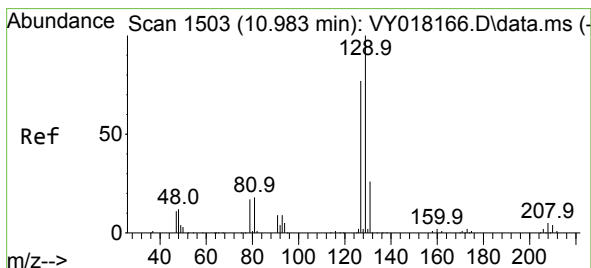
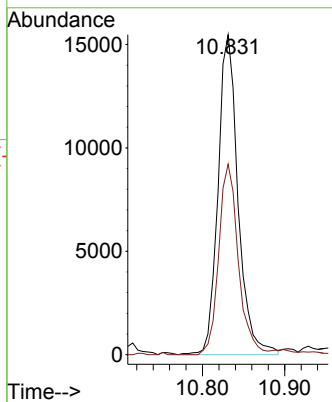
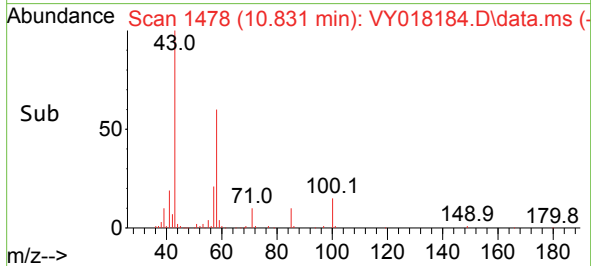


#59
2-Hexanone
Concen: 30.580 ug/l
RT: 10.831 min Scan# 1478
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

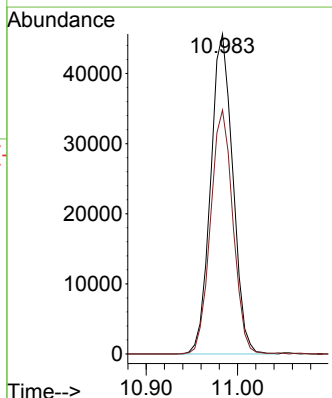
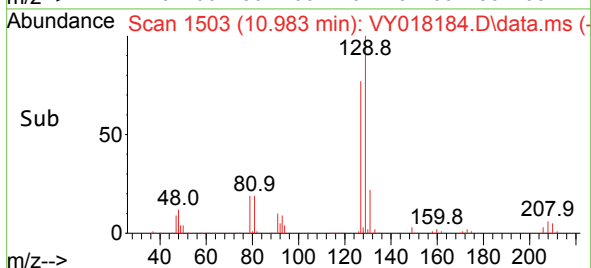
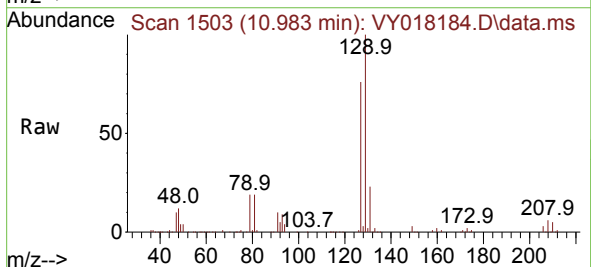


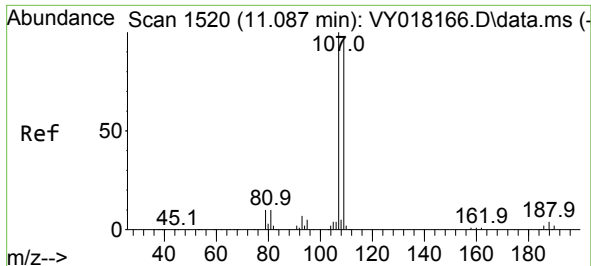
Tgt Ion: 43 Resp: 26211
Ion Ratio Lower Upper
43 100
58 58.1 31.4 94.0



#60
Dibromochloromethane
Concen: 37.761 ug/l
RT: 10.983 min Scan# 1503
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion:129 Resp: 76921
Ion Ratio Lower Upper
129 100
127 76.8 39.0 117.0

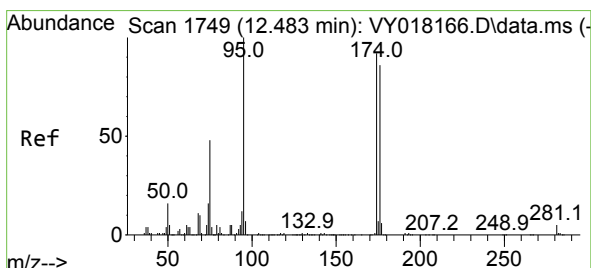
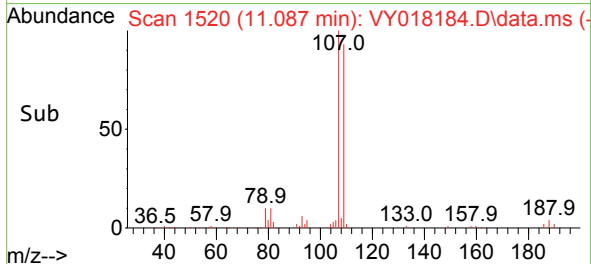
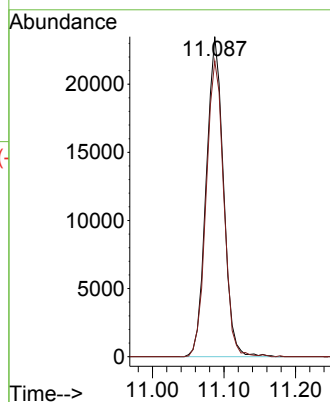
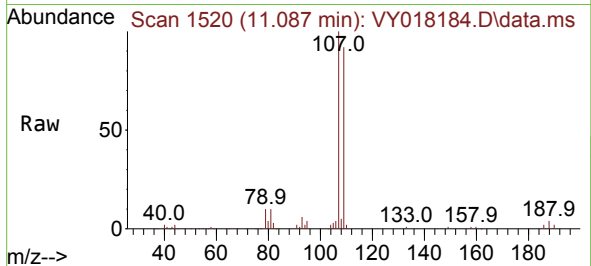




#61
1,2-Dibromoethane
Concen: 26.550 ug/l
RT: 11.087 min Scan# 1520
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

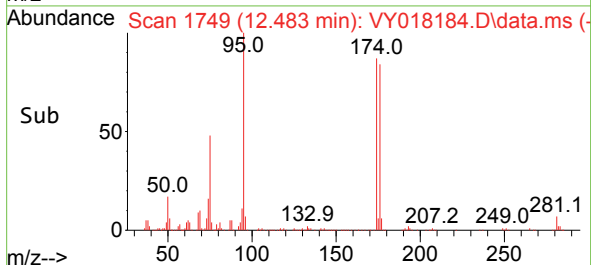
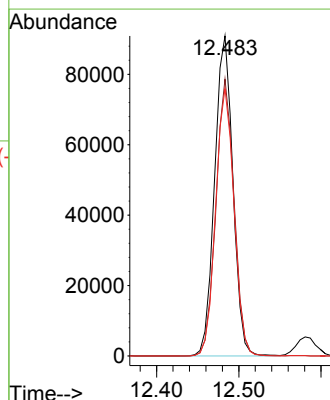
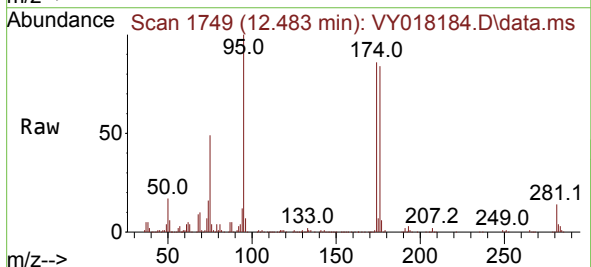
Instrument :
MSVOA_Y
ClientSampleId :

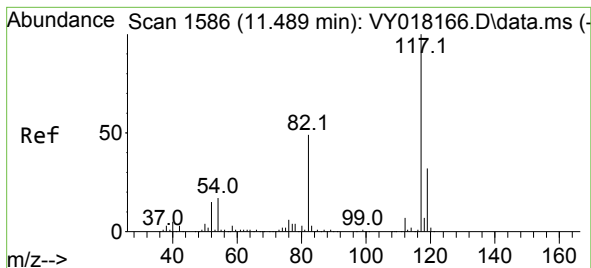
Tgt Ion:107 Resp: 39263
Ion Ratio Lower Upper
107 100
109 94.4 75.9 113.9



#62
4-Bromofluorobenzene
Concen: 55.894 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 95 Resp: 140273
Ion Ratio Lower Upper
95 100
174 86.2 0.0 175.6
176 84.3 0.0 171.4

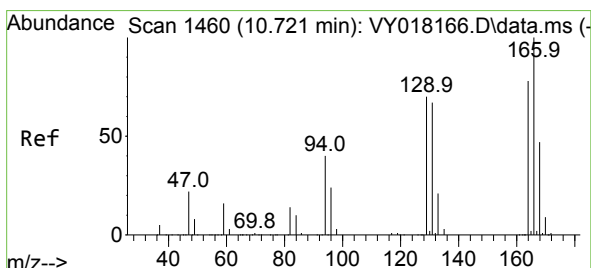
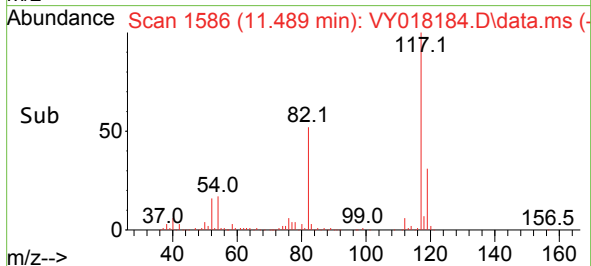
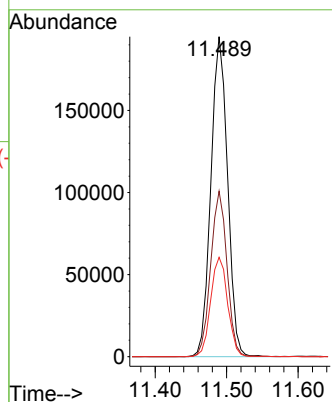
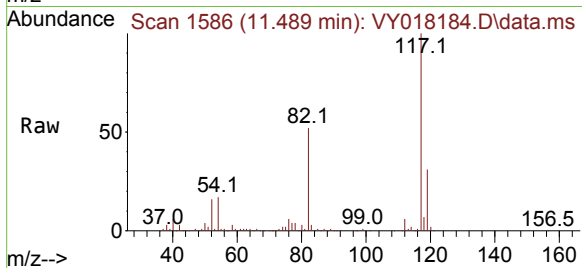




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

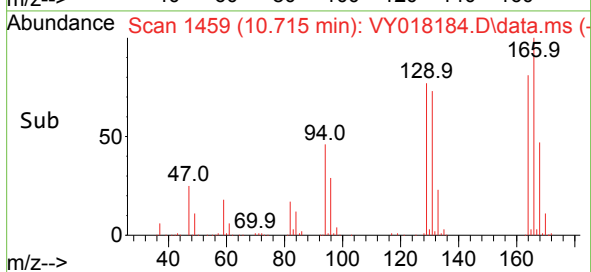
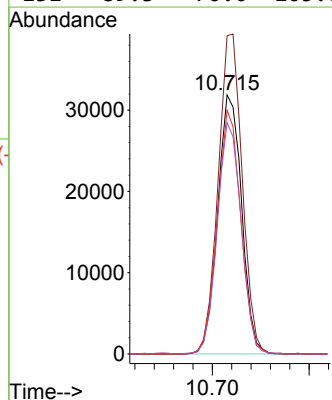
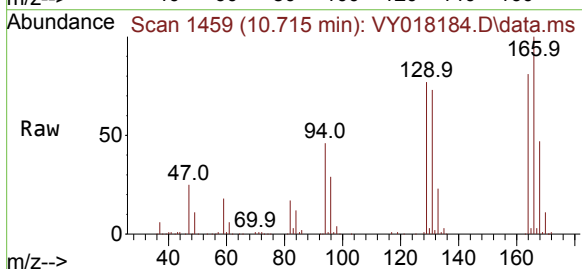
Instrument :
MSVOA_Y
ClientSampleId :

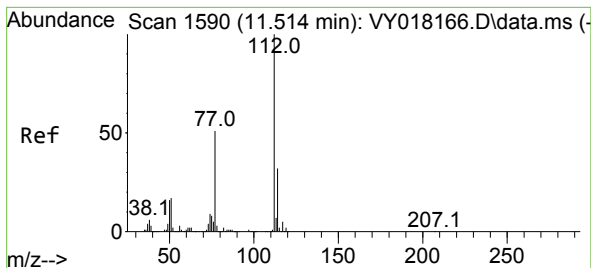
Tgt Ion:117 Resp: 315200
Ion Ratio Lower Upper
117 100
82 51.7 42.4 63.6
119 31.1 25.9 38.9



#64
Tetrachloroethene
Concen: 26.092 ug/l
RT: 10.715 min Scan# 1459
Delta R.T. -0.006 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion:164 Resp: 54758
Ion Ratio Lower Upper
164 100
166 122.8 102.6 154.0
129 94.1 72.0 108.0
131 89.3 70.0 105.0





#65

Chlorobenzene

Concen: 49.225 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

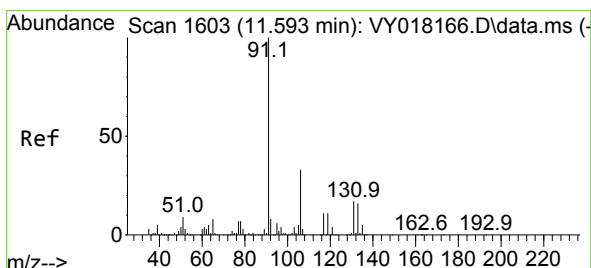
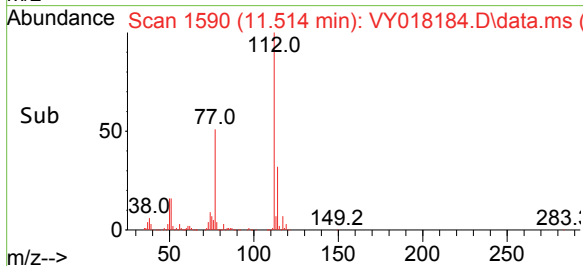
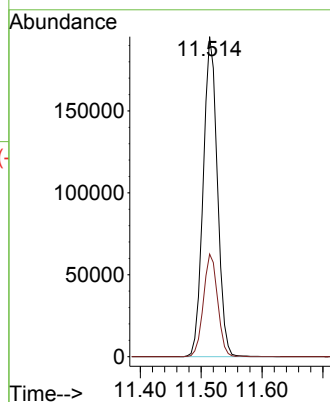
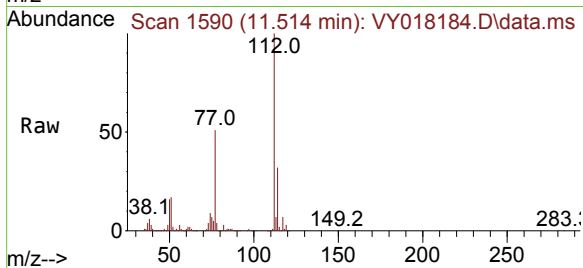
ClientSampleId :

Tgt Ion:112 Resp: 316008

Ion Ratio Lower Upper

112 100

114 32.0 26.4 39.6



#67

Ethyl Benzene

Concen: 9.600 ug/l

RT: 11.593 min Scan# 1603

Delta R.T. 0.000 min

Lab File: VY018184.D

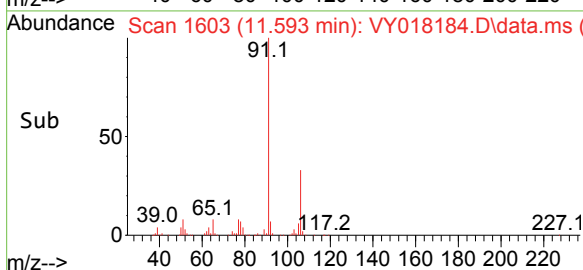
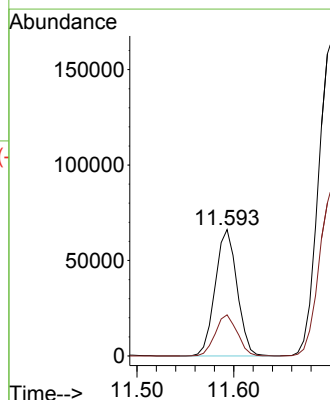
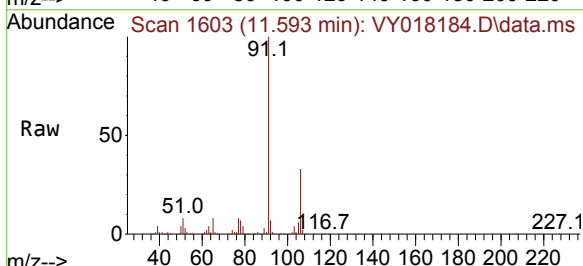
Acq: 08 May 2024 13:31

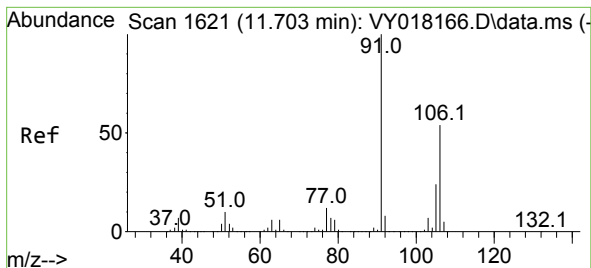
Tgt Ion: 91 Resp: 104056

Ion Ratio Lower Upper

91 100

106 32.6 24.5 36.7

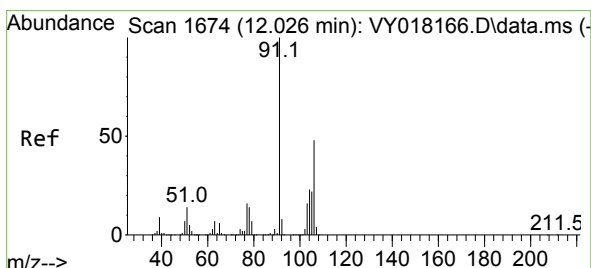
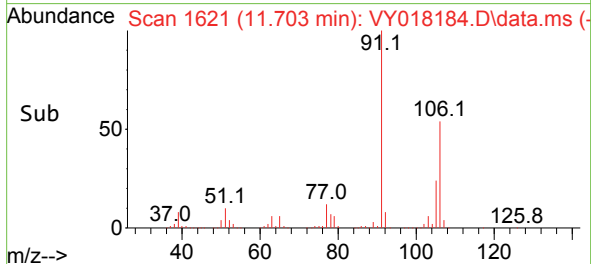
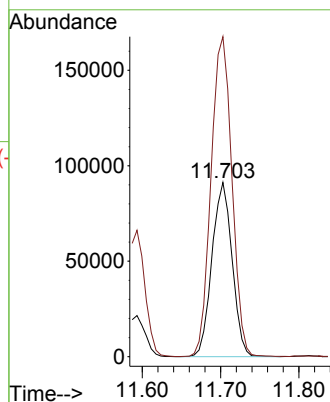
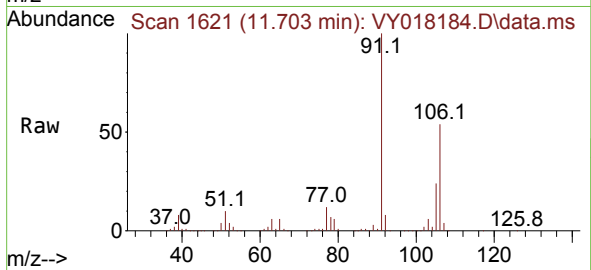




#68
m/p-Xylenes
Concen: 38.092 ug/l
RT: 11.703 min Scan# 1621
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

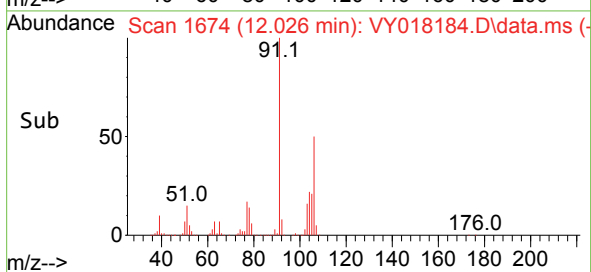
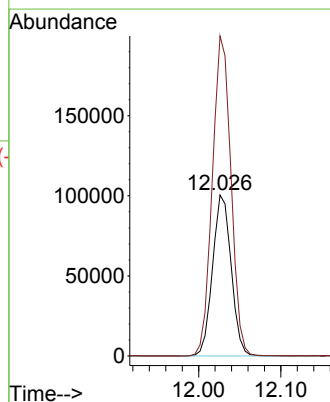
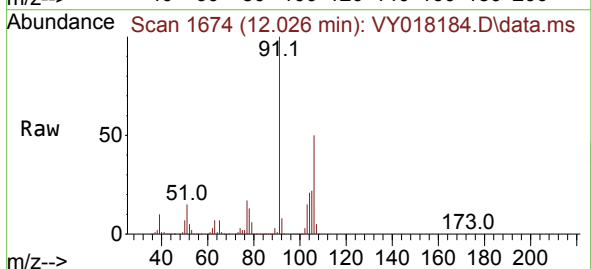
Instrument :
MSVOA_Y
ClientSampleId :

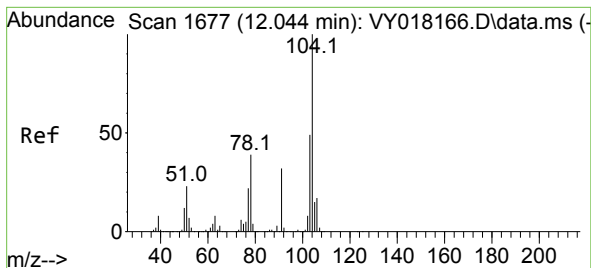
Tgt Ion:106 Resp: 163276
Ion Ratio Lower Upper
106 100
91 189.9 156.0 234.0



#69
o-Xylene
Concen: 38.403 ug/l
RT: 12.026 min Scan# 1674
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion:106 Resp: 157969
Ion Ratio Lower Upper
106 100
91 199.2 103.6 310.8





#70

Styrene

Concen: 39.125 ug/l

RT: 12.044 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

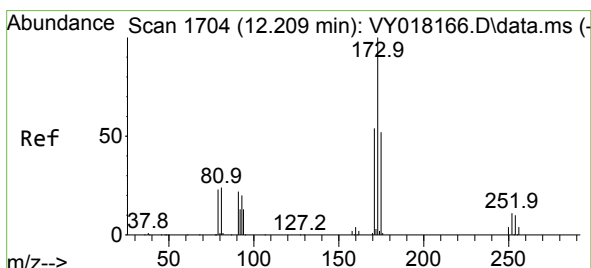
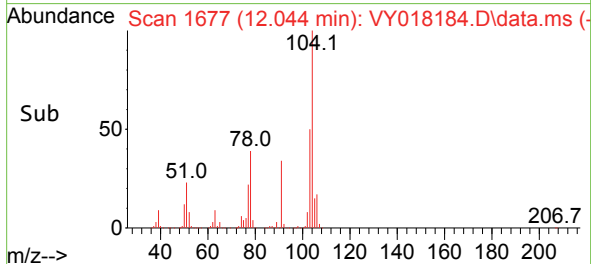
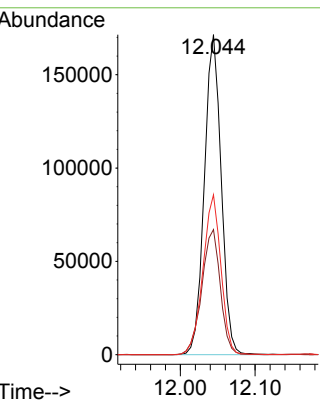
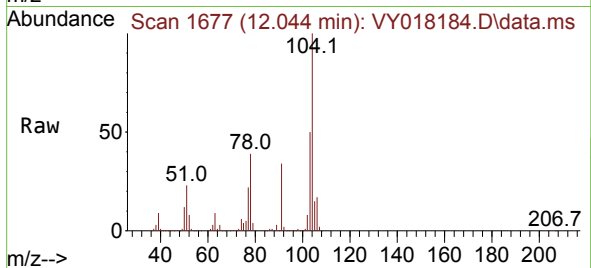
Tgt Ion:104 Resp: 268769

Ion Ratio Lower Upper

104 100

78 43.2 37.0 55.4

103 53.3 44.2 66.2



#71

Bromoform

Concen: 22.218 ug/l

RT: 12.209 min Scan# 1704

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

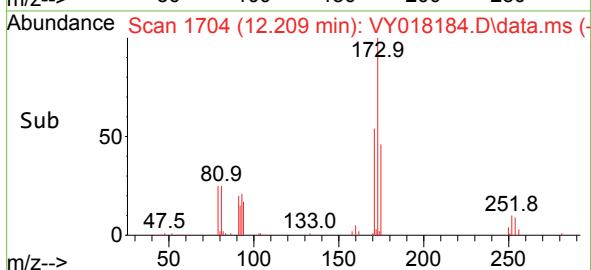
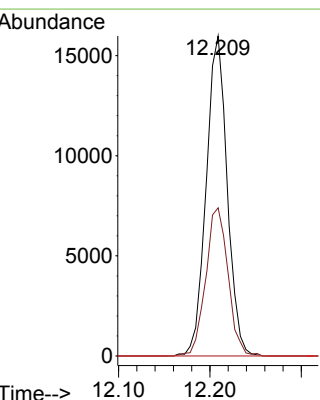
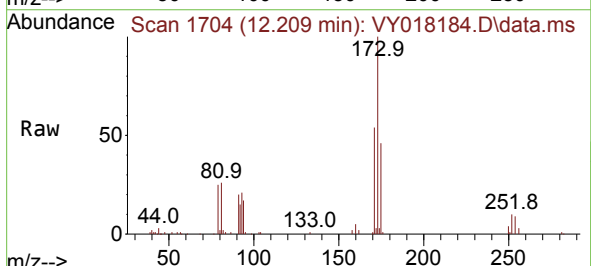
Tgt Ion:173 Resp: 25527

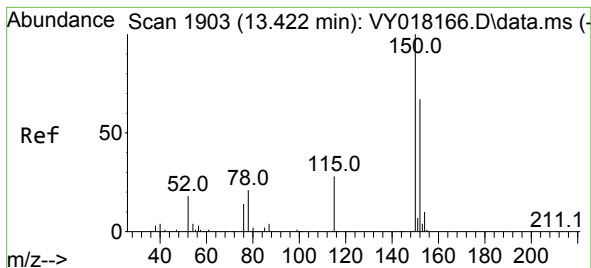
Ion Ratio Lower Upper

173 100

175 49.2 25.1 75.3

254 0.0 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

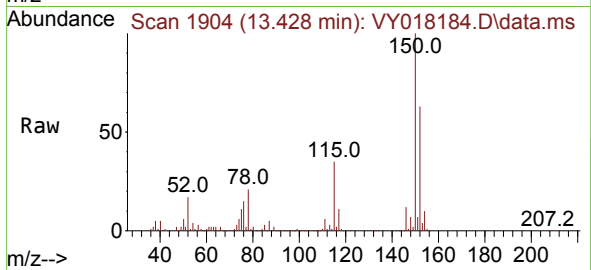
Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :



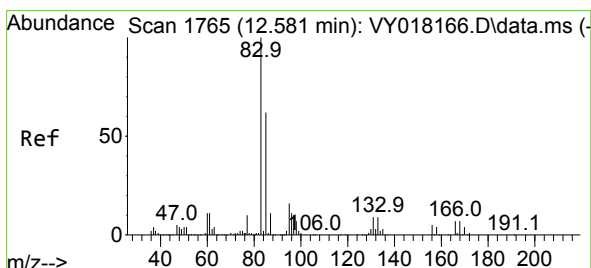
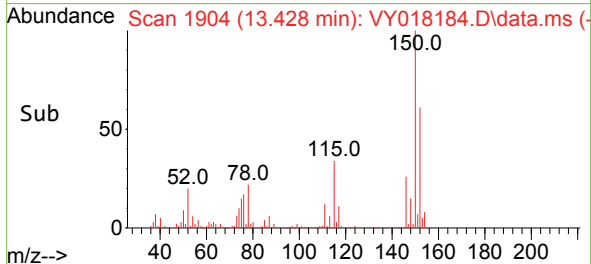
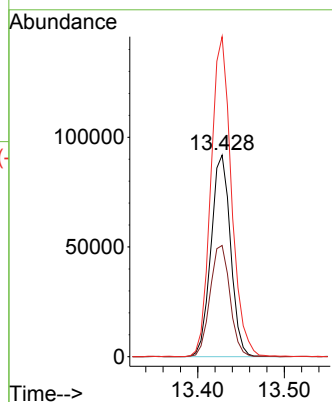
Tgt Ion:152 Resp: 144393

Ion Ratio Lower Upper

152 100

115 56.2 28.2 84.7

150 166.5 0.0 345.6



#75

1,1,2,2-Tetrachloroethane

Concen: 32.286 ug/l

RT: 12.581 min Scan# 1765

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

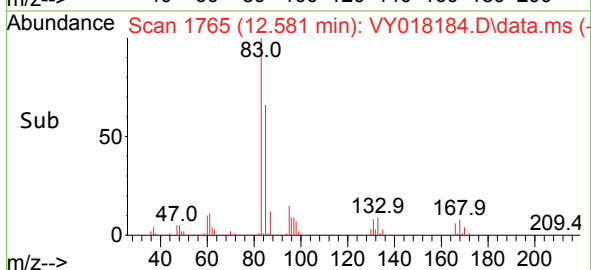
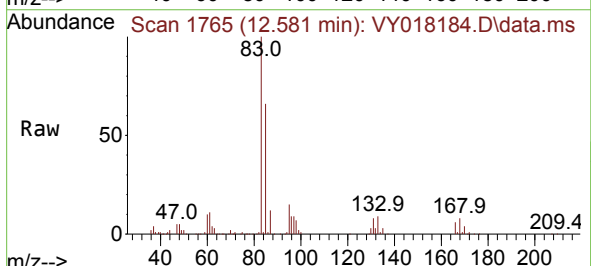
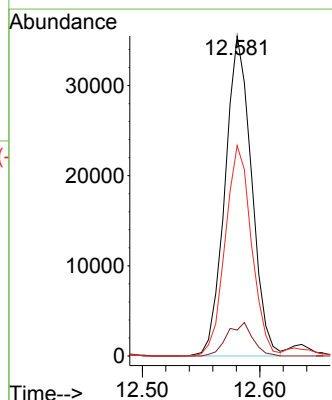
Tgt Ion: 83 Resp: 55757

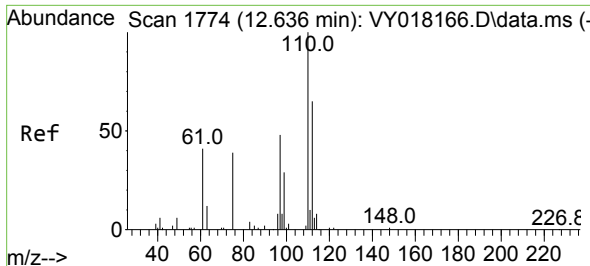
Ion Ratio Lower Upper

83 100

131 10.1 5.0 14.9

85 65.3 32.0 96.0

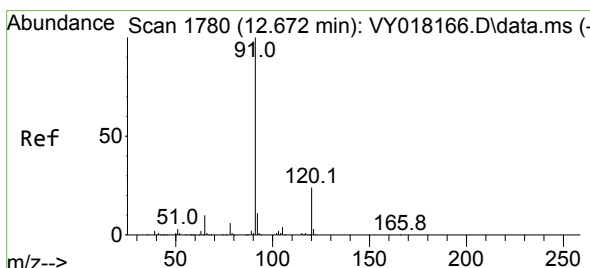
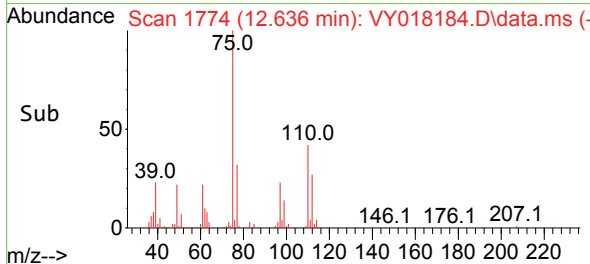
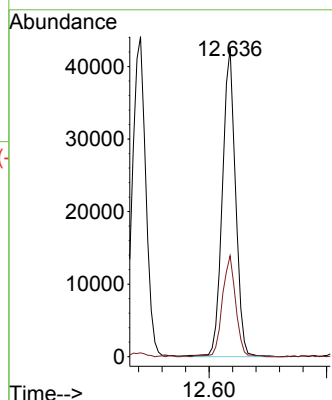
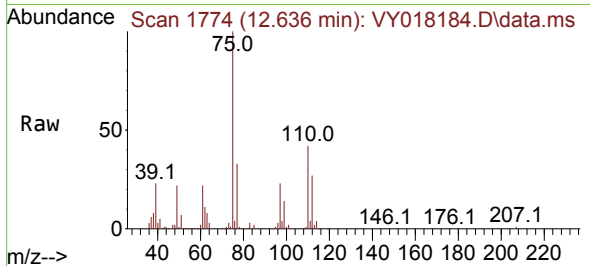




#76
1,2,3-Trichloropropane
Concen: 57.321 ug/l
RT: 12.636 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

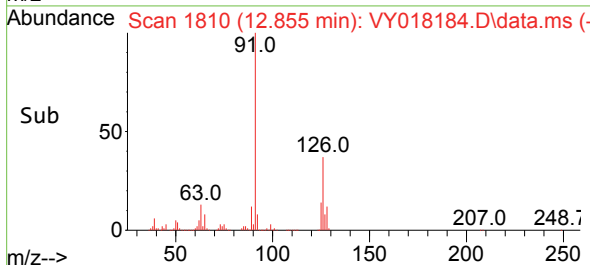
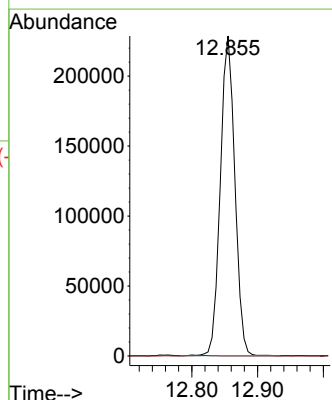
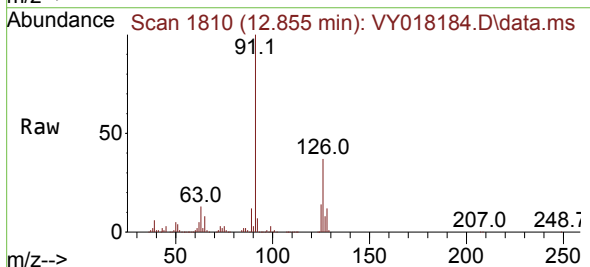
Instrument :
MSVOA_Y
ClientSampleId :

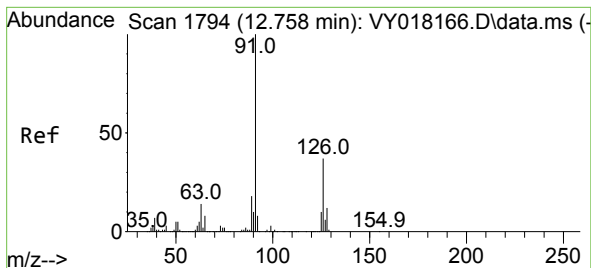
Tgt Ion: 75 Resp: 66250
Ion Ratio Lower Upper
75 100
77 33.2 0.0 0.0#



#78
n-propylbenzene
Concen: 27.919 ug/l
RT: 12.855 min Scan# 1810
Delta R.T. 0.183 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion: 91 Resp: 351561
Ion Ratio Lower Upper
91 100
120 0.0 11.5 34.4#





#79

2-Chlorotoluene

Concen: 50.242 ug/l

RT: 12.855 min Scan# 1794

Delta R.T. 0.098 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

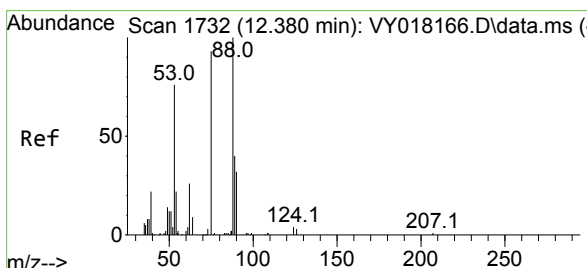
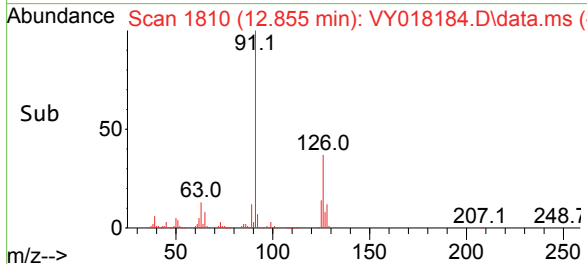
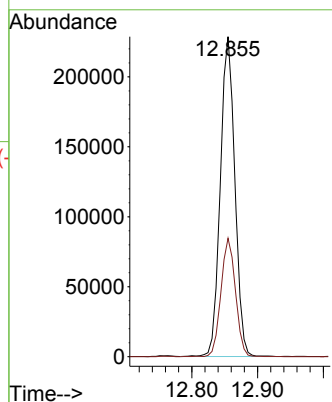
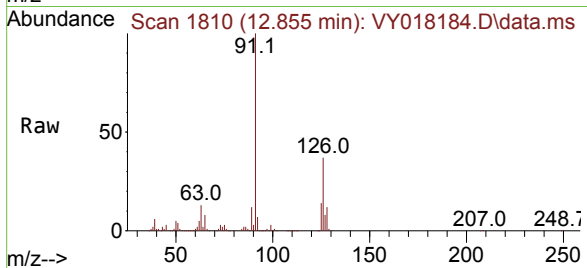
ClientSampleId :

Tgt Ion: 91 Resp: 351561

Ion Ratio Lower Upper

91 100

126 37.0 17.8 53.5



#81

trans-1,4-Dichloro-2-butene

Concen: 115.759 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.104 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

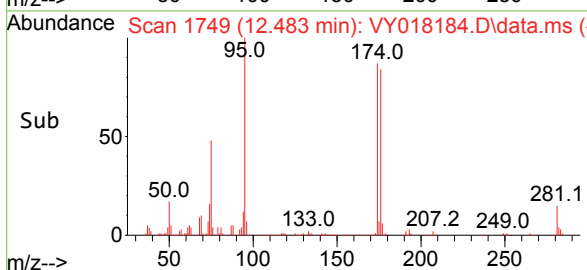
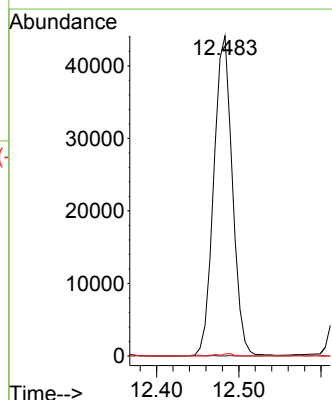
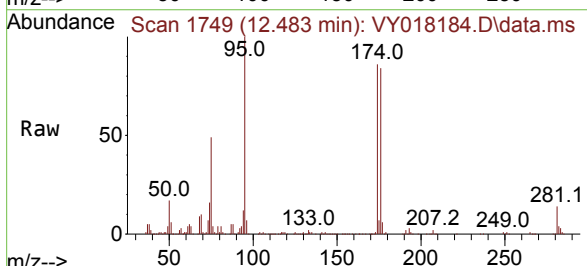
Tgt Ion: 75 Resp: 69442

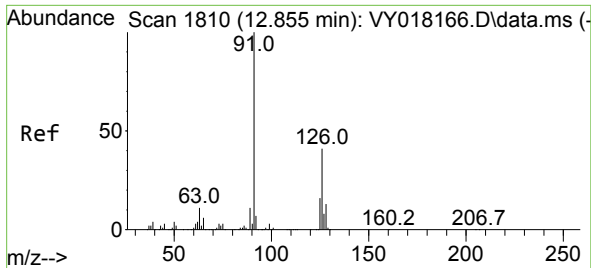
Ion Ratio Lower Upper

75 100

53 0.1 66.8 100.2#

89 0.6 35.8 53.6#

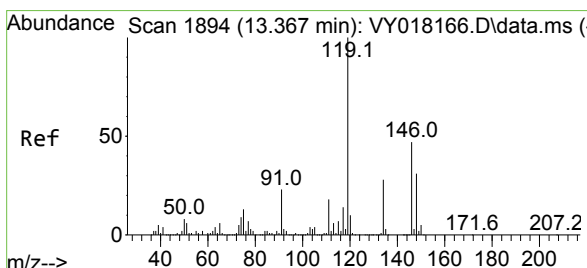
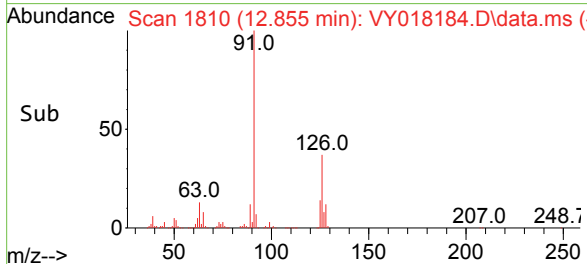
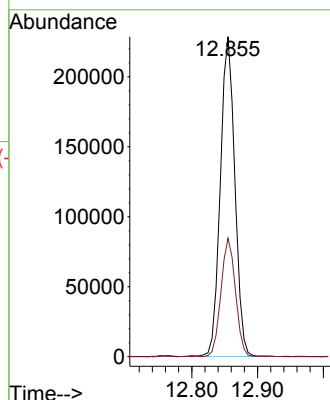
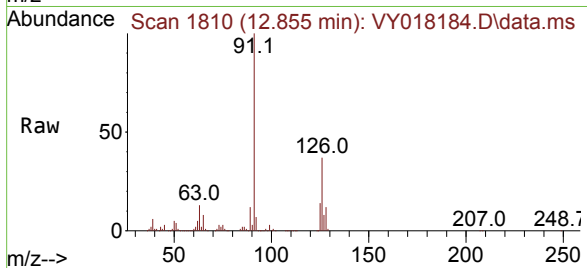




#82
4-Chlorotoluene
Concen: 50.018 ug/l
RT: 12.855 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

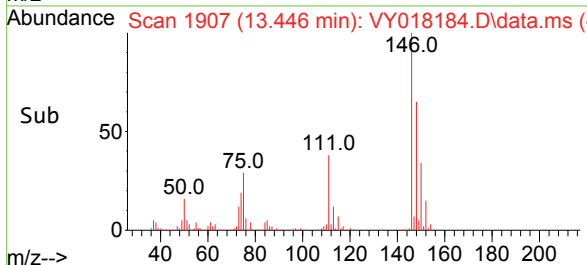
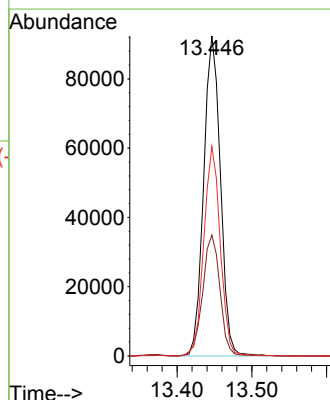
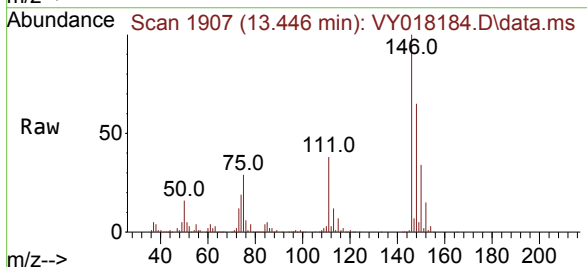
Instrument :
MSVOA_Y
ClientSampleId :

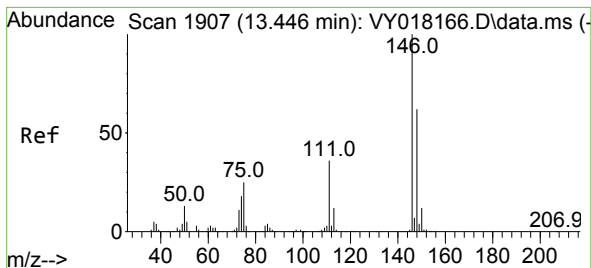
Tgt Ion: 91 Resp: 351561
Ion Ratio Lower Upper
91 100
126 37.0 17.6 52.9



#87
1,3-Dichlorobenzene
Concen: 29.969 ug/l
RT: 13.446 min Scan# 1907
Delta R.T. 0.079 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion:146 Resp: 143941
Ion Ratio Lower Upper
146 100
111 39.1 19.0 57.0
148 64.2 31.7 95.1





#88

1,4-Dichlorobenzene

Concen: 30.741 ug/l

RT: 13.446 min Scan# 1907

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

Instrument :

MSVOA_Y

ClientSampleId :

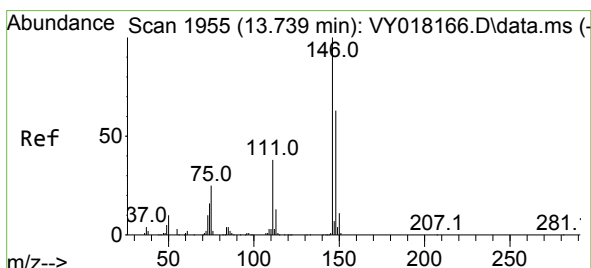
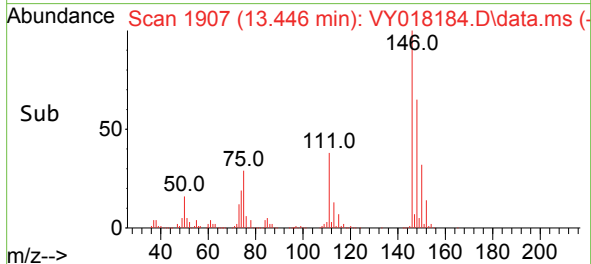
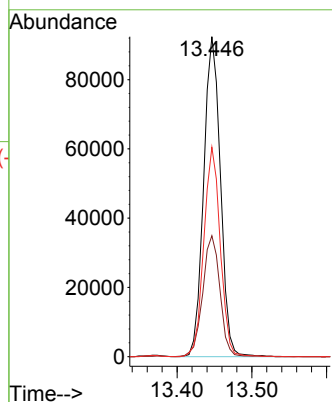
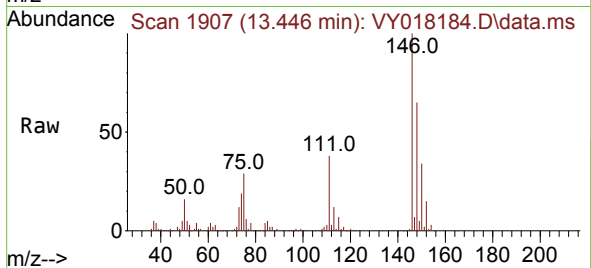
Tgt Ion:146 Resp: 143941

Ion Ratio Lower Upper

146 100

111 39.1 18.4 55.4

148 64.2 32.4 97.2



#91

1,2-Dichlorobenzene

Concen: 10.613 ug/l

RT: 13.739 min Scan# 1955

Delta R.T. 0.000 min

Lab File: VY018184.D

Acq: 08 May 2024 13:31

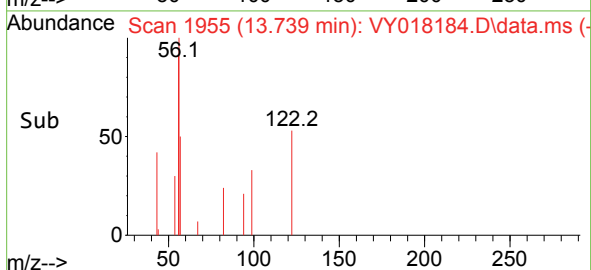
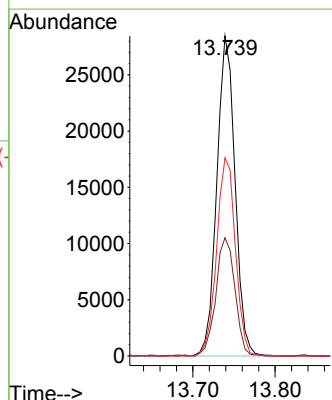
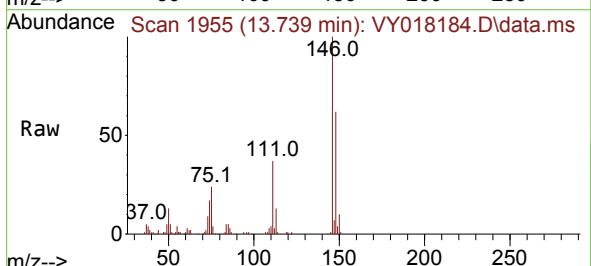
Tgt Ion:146 Resp: 43814

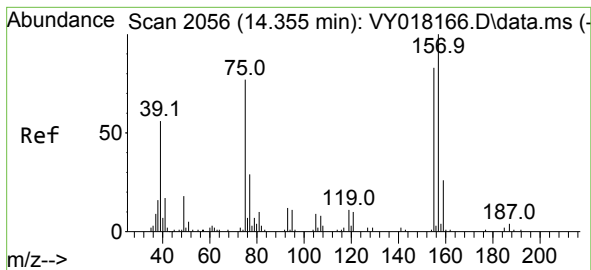
Ion Ratio Lower Upper

146 100

111 38.7 19.9 59.7

148 63.9 31.8 95.4

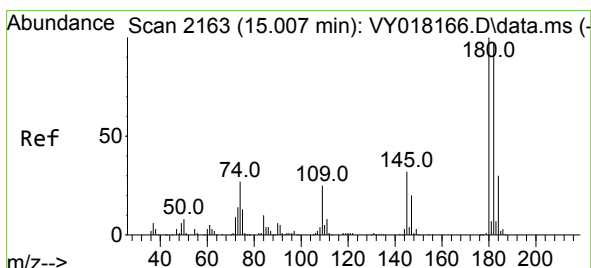
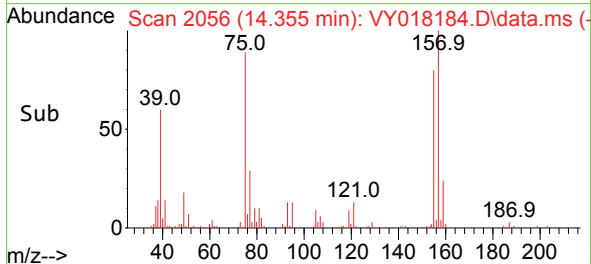
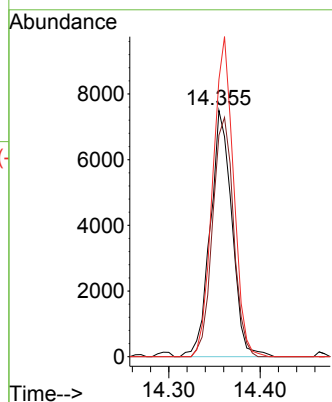
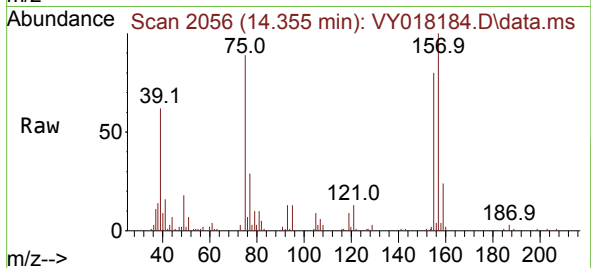




#92
1,2-Dibromo-3-Chloropropane
Concen: 52.357 ug/l
RT: 14.355 min Scan# 2056
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Instrument :
MSVOA_Y
ClientSampleId :

Tgt Ion: 75 Resp: 12312
Ion Ratio Lower Upper
75 100
155 94.3 48.6 145.8
157 124.5 62.7 188.2



#93
1,2,4-Trichlorobenzene
Concen: 47.611 ug/l
RT: 15.007 min Scan# 2163
Delta R.T. 0.000 min
Lab File: VY018184.D
Acq: 08 May 2024 13:31

Tgt Ion:180 Resp: 110498
Ion Ratio Lower Upper
180 100
182 95.2 47.9 143.8
145 30.0 14.2 42.6

