

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050824\
 Data File : VY018180.D
 Acq On : 08 May 2024 10:54
 Operator : SY/MD
 Sample : VY0508SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: May 09 02:21:52 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)

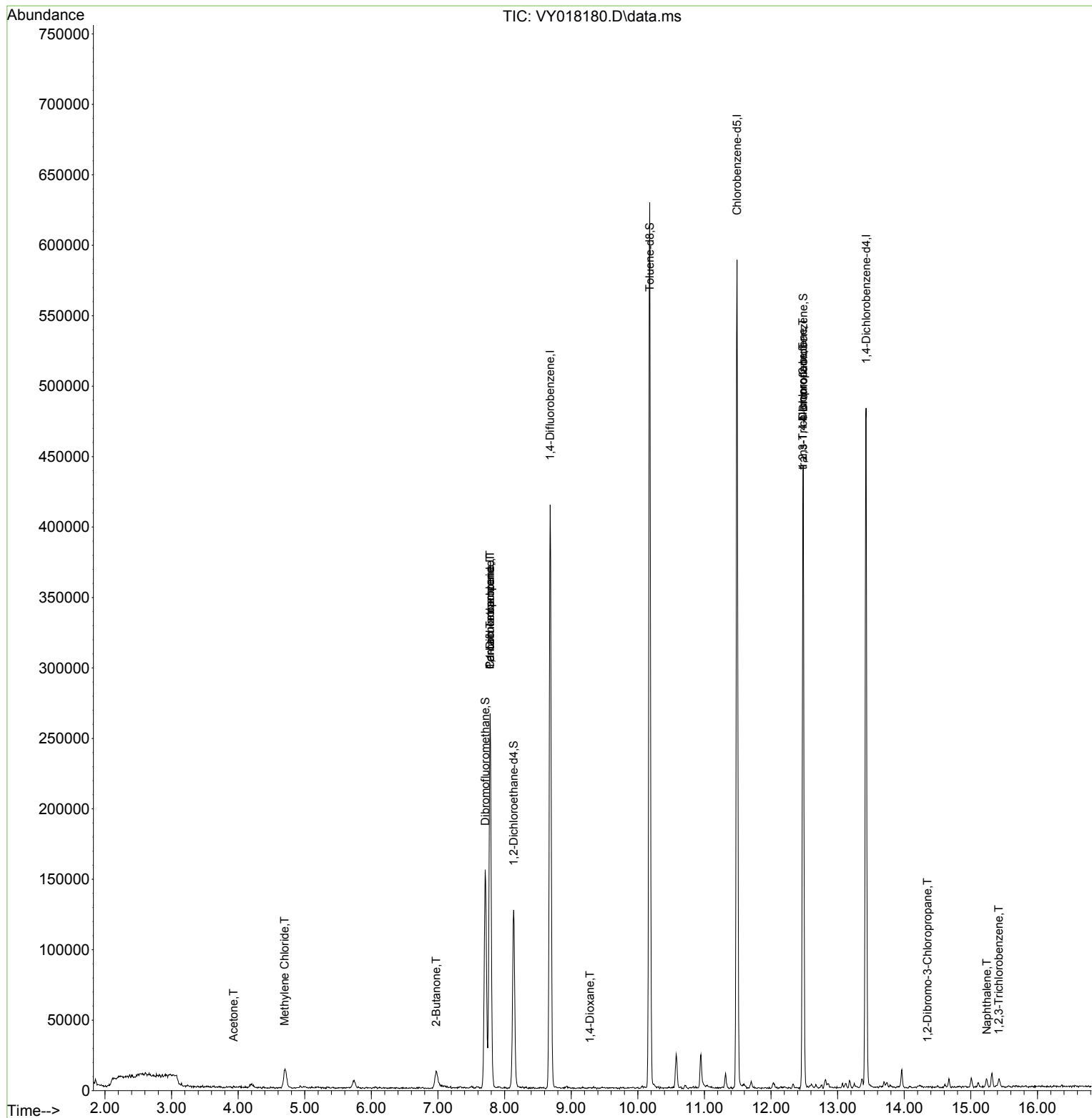
Internal Standards						
1) Pentafluorobenzene	7.783	168	214134	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	384952	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	337631	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	131241	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	91508	58.089	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery	= 116.180%		
35) Dibromofluoromethane	7.710	113	110516	54.627	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery	= 109.260%		
50) Toluene-d8	10.179	98	427916	53.675	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery	= 107.360%		
62) 4-Bromofluorobenzene	12.483	95	129655	50.360	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery	= 100.720%		
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.923	59	678	Below Cal	#	88
13) Acrolein	3.704	56	120	Below Cal	#	1
16) Acetone	3.930	43	1295	4.119	ug/l #	76
20) Methylene Chloride	4.698	84	10976	4.940	ug/l	94
25) 2-Butanone	6.972	43	953	1.896	ug/l #	41
31) Cyclohexane	7.777	56	4403	Below Cal	#	6
36) 1,1-Dichloropropene	7.783	75	15101	5.207	ug/l #	49
38) Carbon Tetrachloride	7.783	117	20023	6.318	ug/l #	17
49) 1,4-Dioxane	9.282	88	23	1.478	ug/l #	1
76) 1,2,3-Trichloropropane	12.477	75	65312	62.172	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	65312	119.785	ug/l #	16
92) 1,2-Dibromo-3-Chloropr...	14.349	75	313	1.464	ug/l #	4
95) Naphthalene	15.239	128	4682	1.211	ug/l #	93
96) 1,2,3-Trichlorobenzene	15.422	180	1904	1.100	ug/l	88

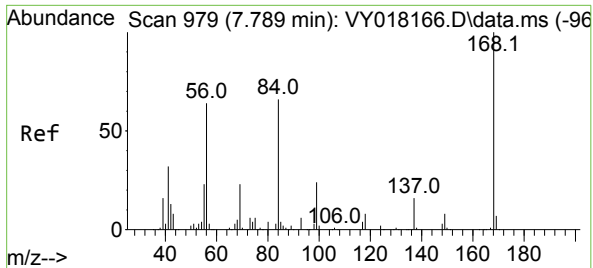
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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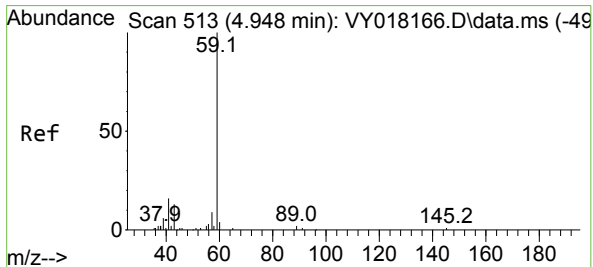
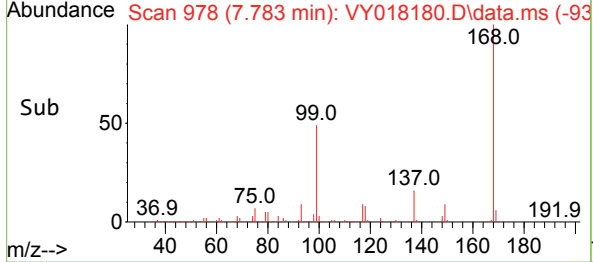
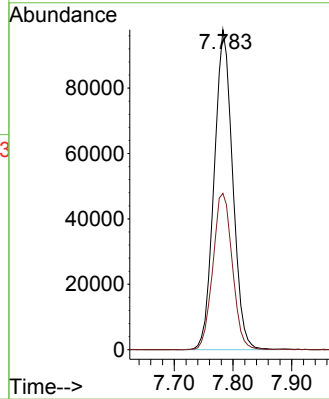
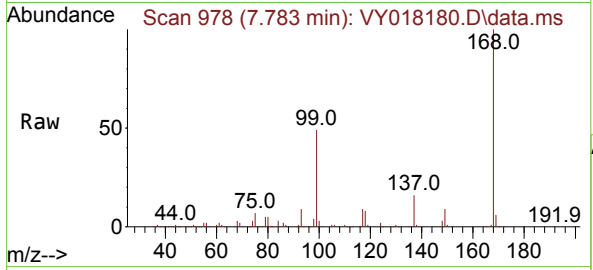




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

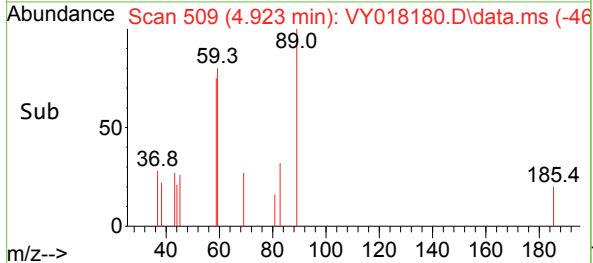
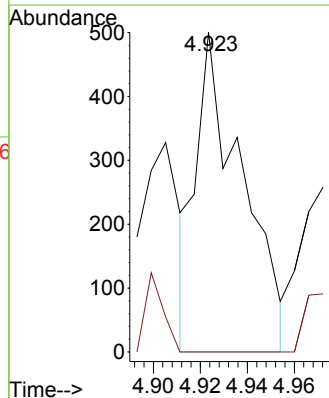
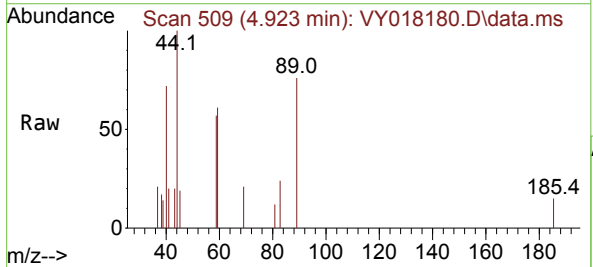
Instrument :
MSVOA_Y
ClientSampleId :

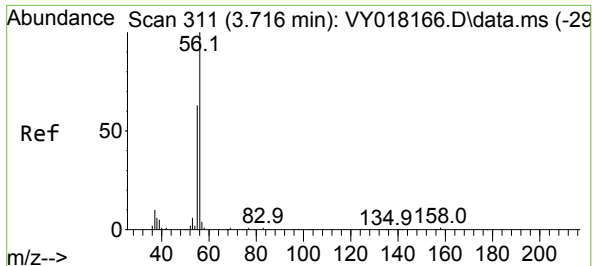
Tgt Ion:168 Resp: 214134
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#11
Tert butyl alcohol
Concen: Below Cal
RT: 4.923 min Scan# 509
Delta R.T. -0.025 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

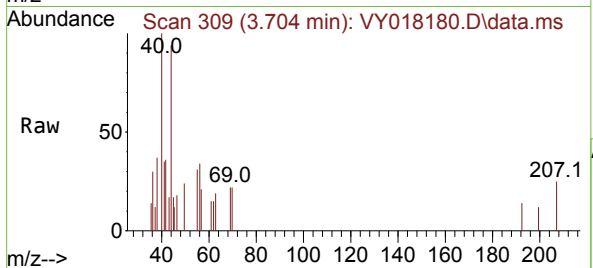
Tgt Ion: 59 Resp: 678
Ion Ratio Lower Upper
59 100
57 0.0 3.0 4.6#



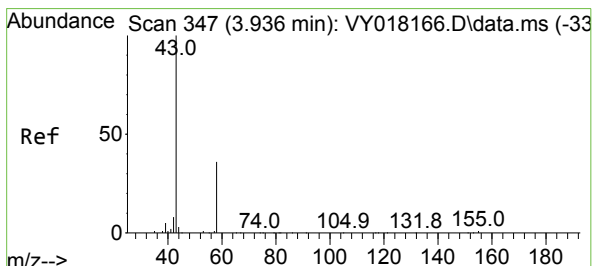
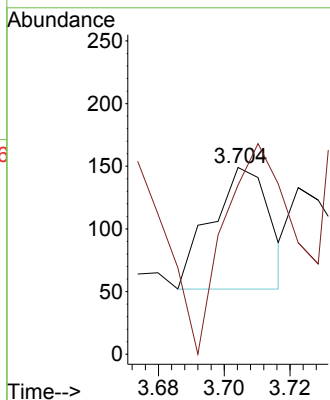
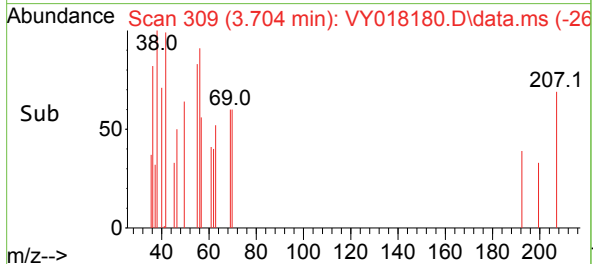


#13
Acrolein
Concen: Below Cal
RT: 3.704 min Scan# 309
Delta R.T. -0.012 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

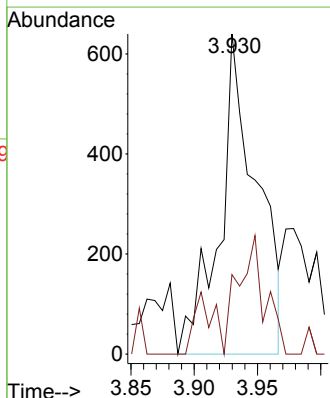
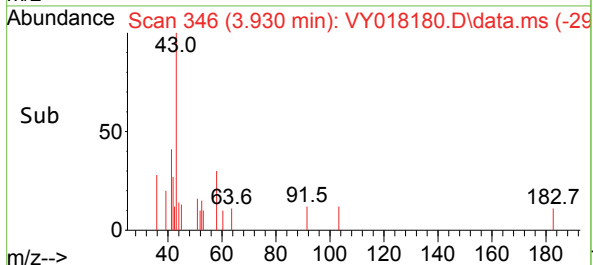
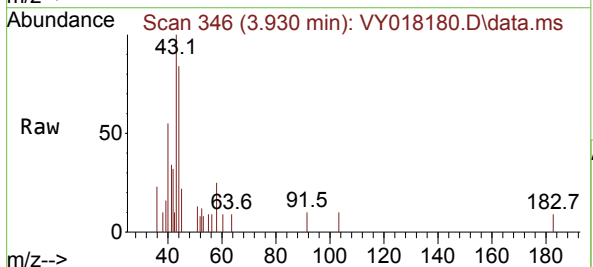


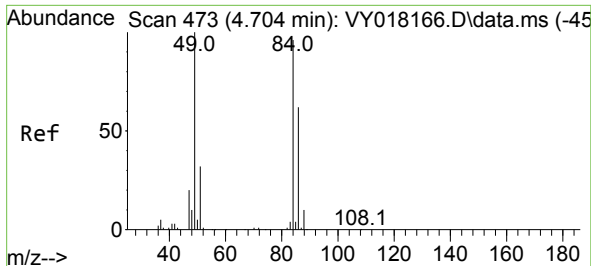
Tgt Ion: 56 Resp: 120
Ion Ratio Lower Upper
56 100
55 211.7 55.7 83.5#



#16
Acetone
Concen: 4.119 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

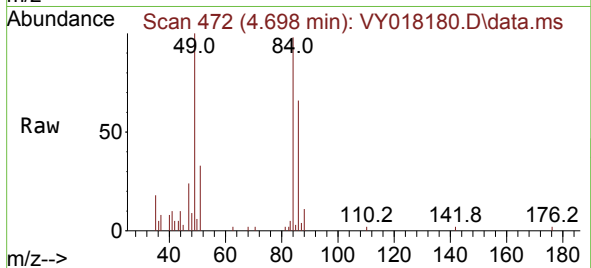
Tgt Ion: 43 Resp: 1295
Ion Ratio Lower Upper
43 100
58 24.8 31.7 47.5#



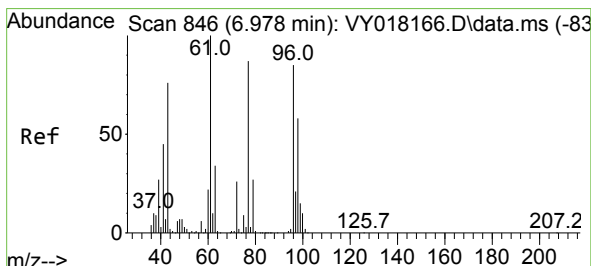
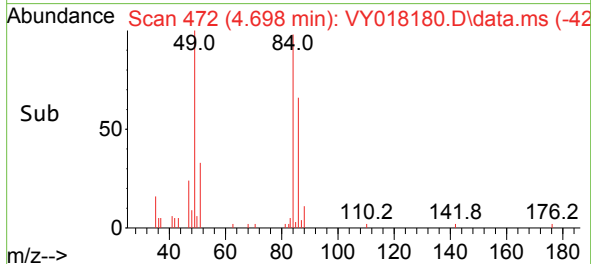
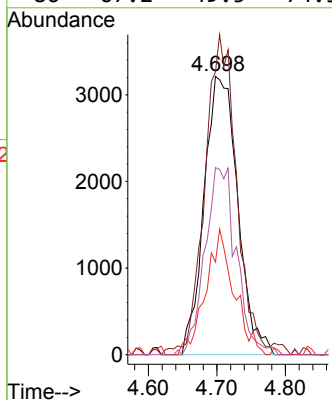


#20
Methylene Chloride
Concen: 4.940 ug/l
RT: 4.698 min Scan# 41
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

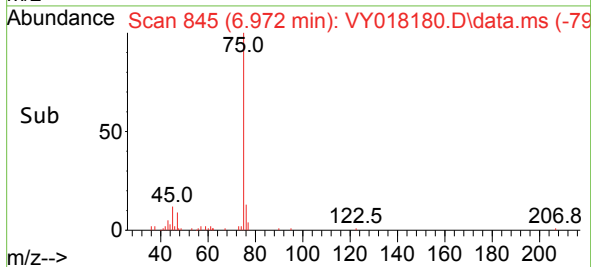
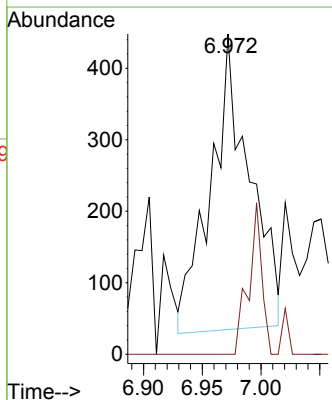
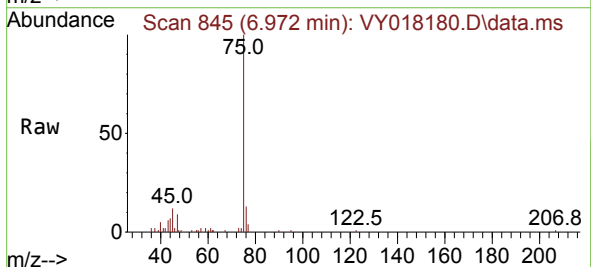


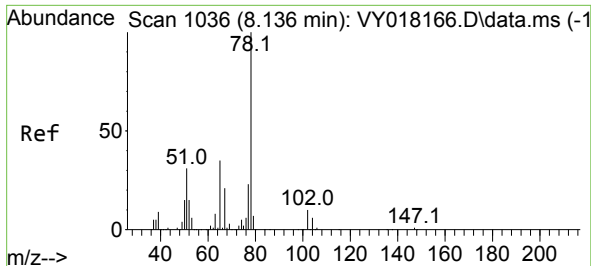
Tgt Ion:	84	Resp:	10976
Ion	Ratio	Lower	Upper
84	100		
49	98.5	84.4	126.6
51	33.3	26.0	39.0
86	67.2	49.5	74.3



#25
2-Butanone
Concen: 1.896 ug/l
RT: 6.972 min Scan# 845
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Tgt Ion:	43	Resp:	953
Ion	Ratio	Lower	Upper
43	100		
72	0.0	27.3	40.9#





#33

1,2-Dichloroethane-d4

Concen: 58.089 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.000 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

Instrument :

MSVOA_Y

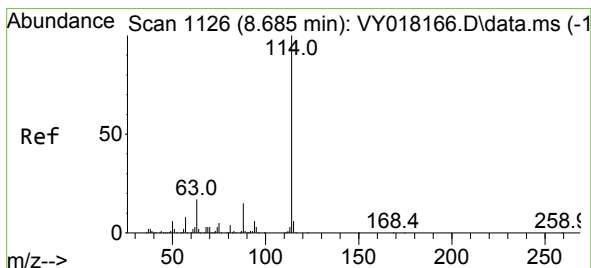
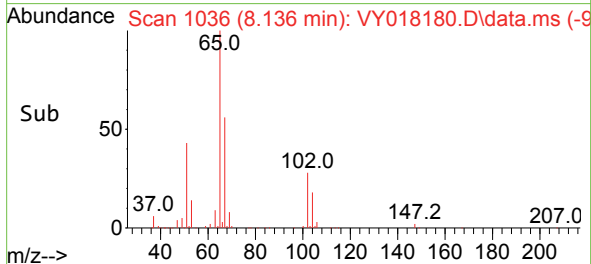
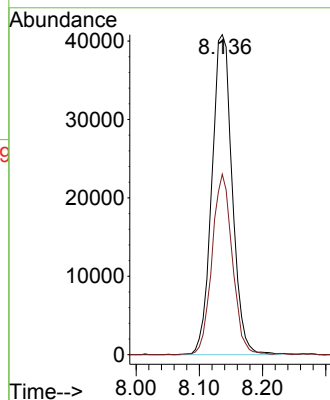
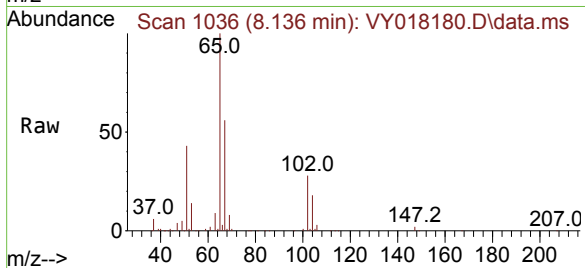
ClientSampleId :

Tgt Ion: 65 Resp: 91508

Ion Ratio Lower Upper

65 100

67 56.1 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: VY018180.D

Acq: 08 May 2024 10:54

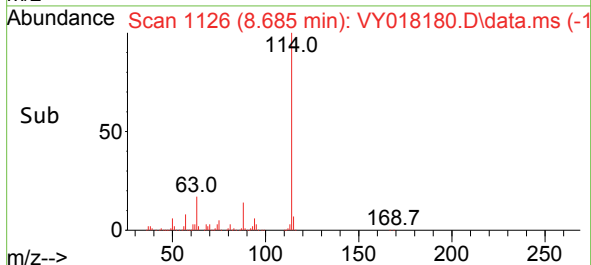
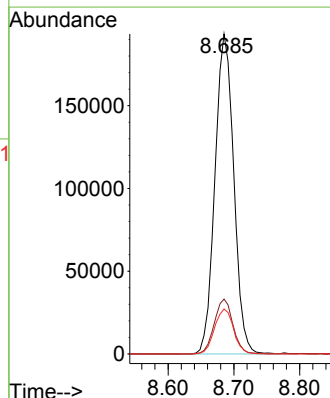
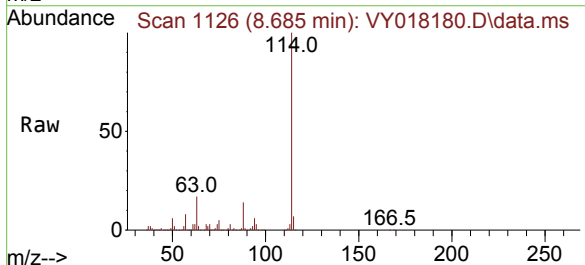
Tgt Ion: 114 Resp: 384952

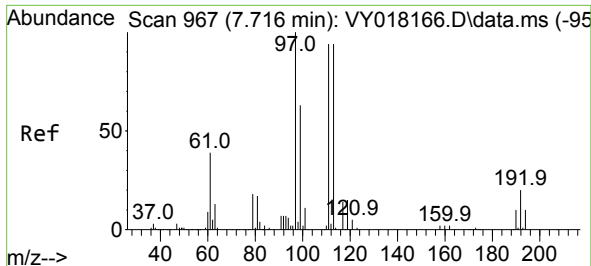
Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

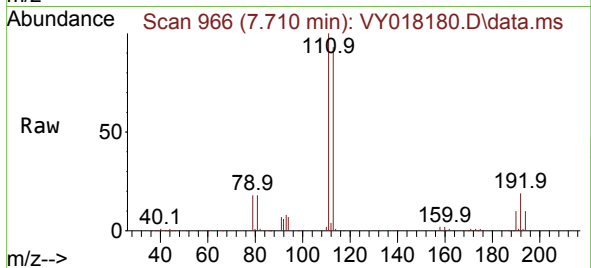
88 14.0 0.0 27.2



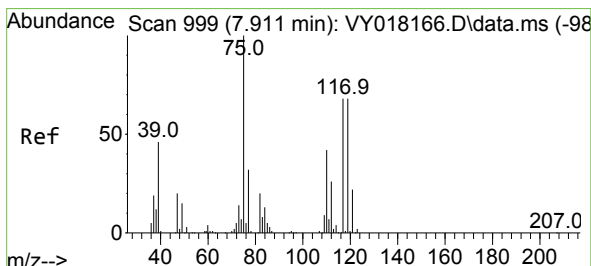
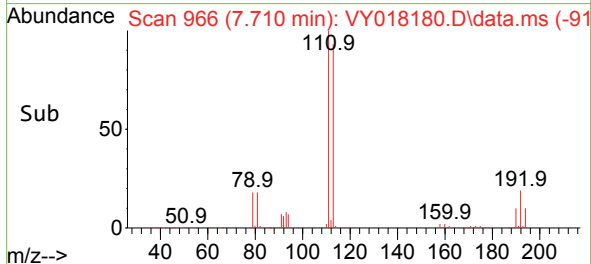
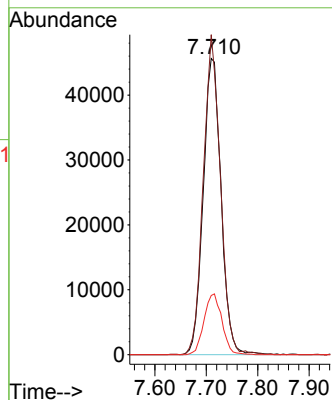


#35
Dibromofluoromethane
Concen: 54.627 ug/l
RT: 7.710 min Scan# 911
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Instrument :
MSVOA_Y
ClientSampleId :

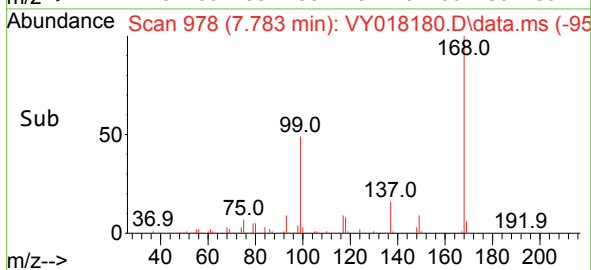
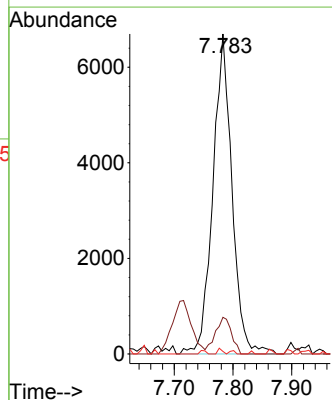
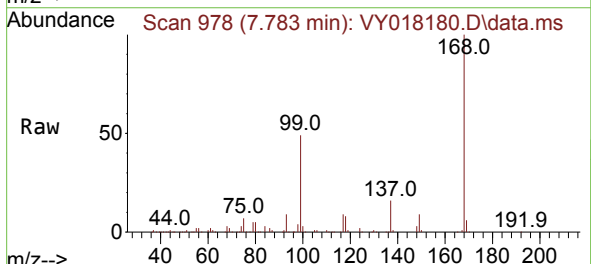


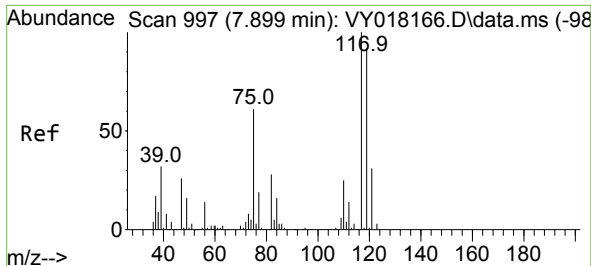
Tgt Ion:113 Resp: 110516
Ion Ratio Lower Upper
113 100
111 103.2 82.2 123.4
192 20.5 15.9 23.9



#36
1,1-Dichloropropene
Concen: 5.207 ug/l
RT: 7.783 min Scan# 978
Delta R.T. -0.128 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

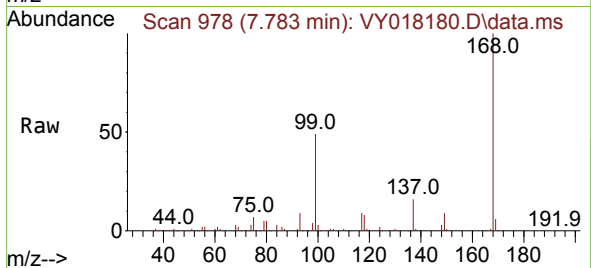
Tgt Ion: 75 Resp: 15101
Ion Ratio Lower Upper
75 100
110 9.7 19.0 57.0#
77 0.4 25.3 37.9#



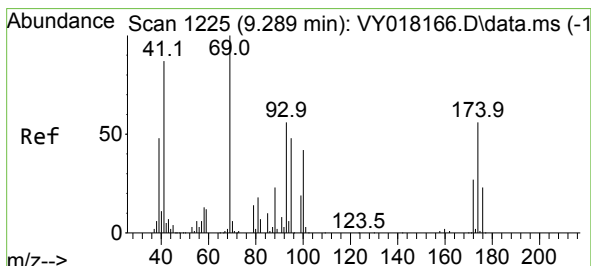
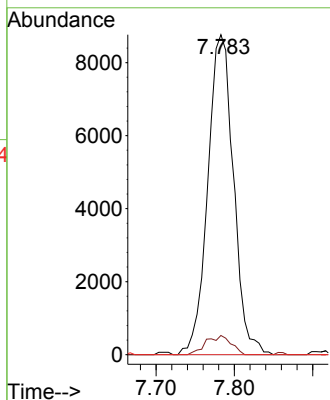
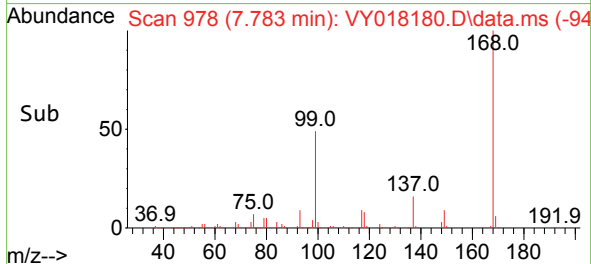


#38
Carbon Tetrachloride
Concen: 6.318 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.116 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

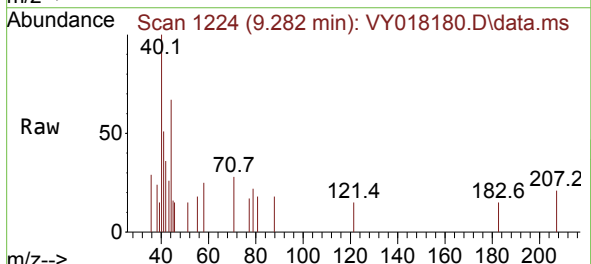
Instrument :
MSVOA_Y
ClientSampleId :



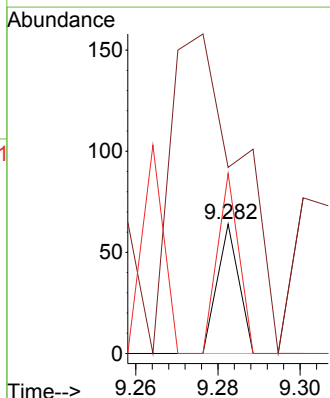
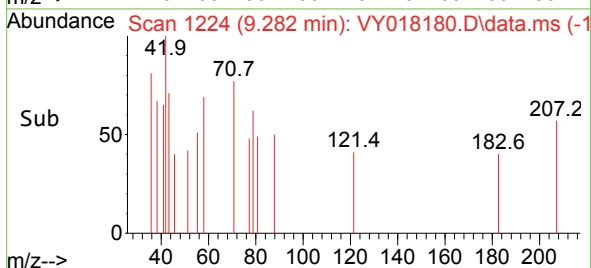
Tgt Ion:117 Resp: 20023
Ion Ratio Lower Upper
117 100
119 6.0 75.8 113.6#
121 0.0 24.0 36.0#

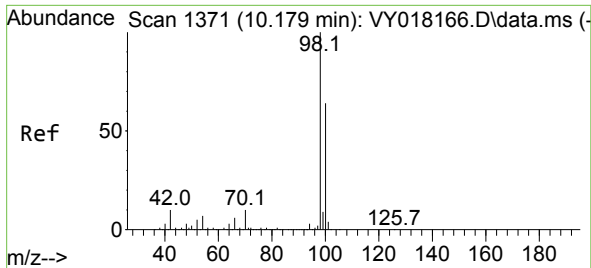


#49
1,4-Dioxane
Concen: 1.478 ug/l
RT: 9.282 min Scan# 1224
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54



Tgt Ion: 88 Resp: 23
Ion Ratio Lower Upper
88 100
43 795.7 0.0 0.0#
58 143.5 49.3 73.9#

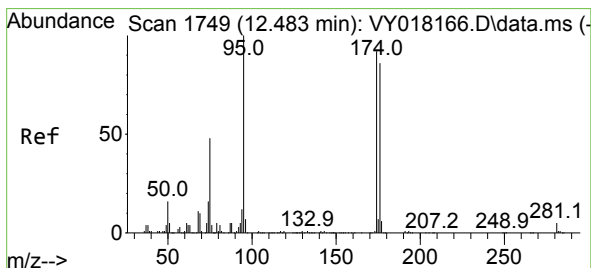
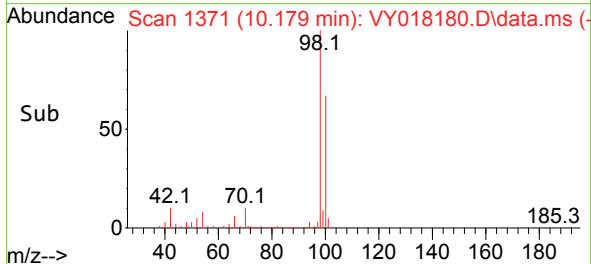
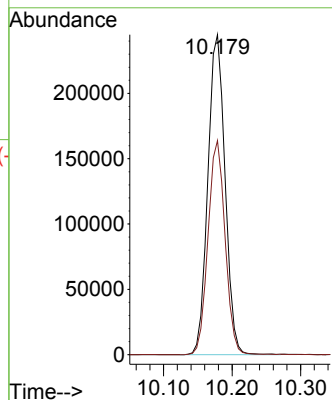
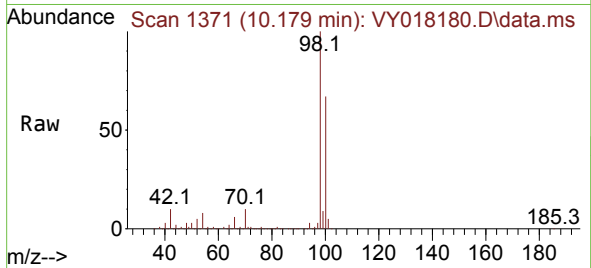




#50
Toluene-d8
Concen: 53.675 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

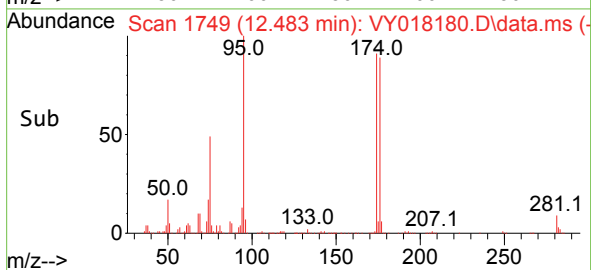
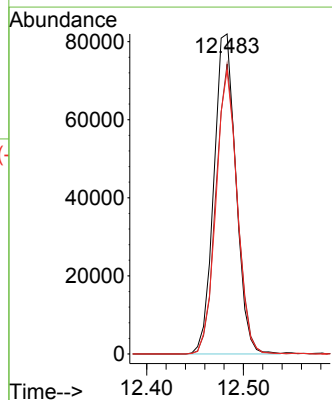
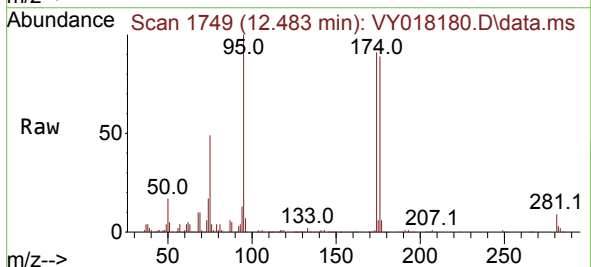
Instrument :
MSVOA_Y
ClientSampleId :

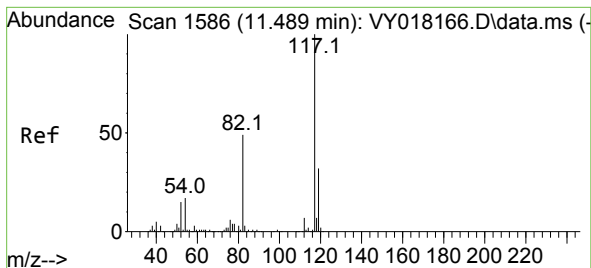
Tgt Ion: 98 Resp: 427916
Ion Ratio Lower Upper
98 100
100 66.4 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 50.360 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

Tgt Ion: 95 Resp: 129655
Ion Ratio Lower Upper
95 100
174 87.2 0.0 175.6
176 85.2 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

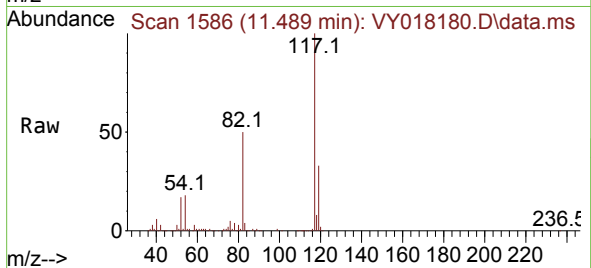
Lab File: VY018180.D

Acq: 08 May 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :



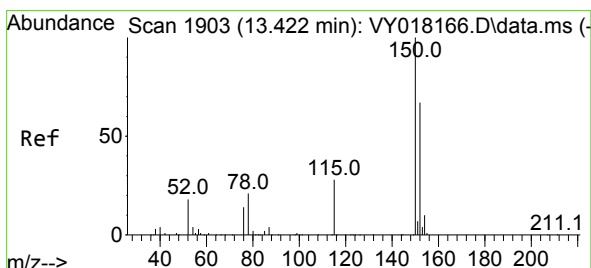
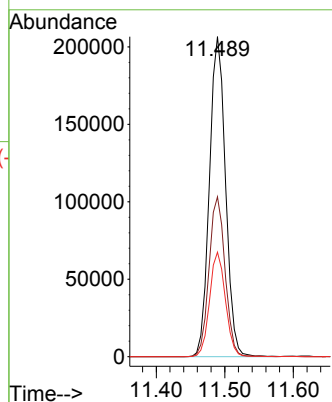
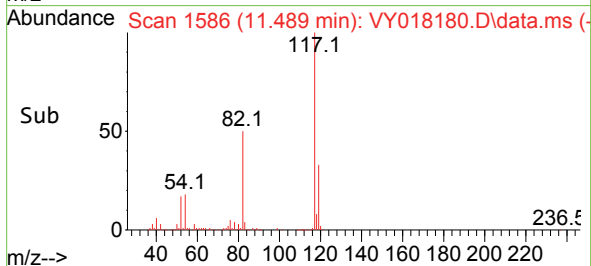
Tgt Ion:117 Resp: 337631

Ion Ratio Lower Upper

117 100

82 49.9 42.4 63.6

119 32.7 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

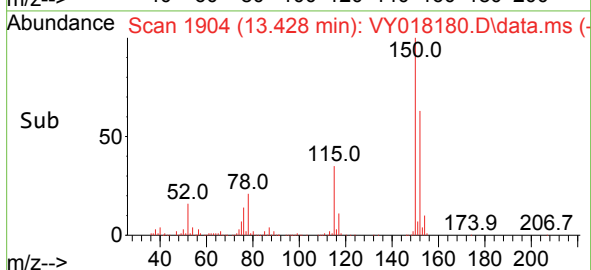
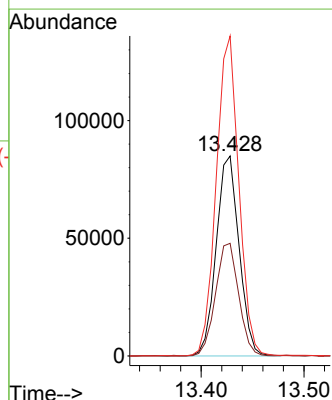
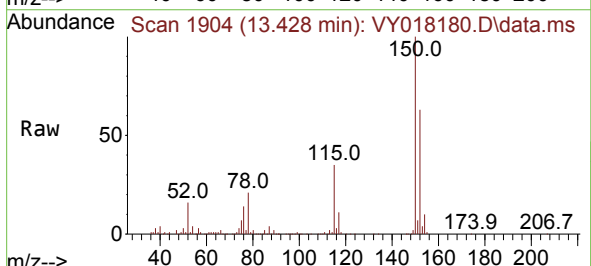
Tgt Ion:152 Resp: 131241

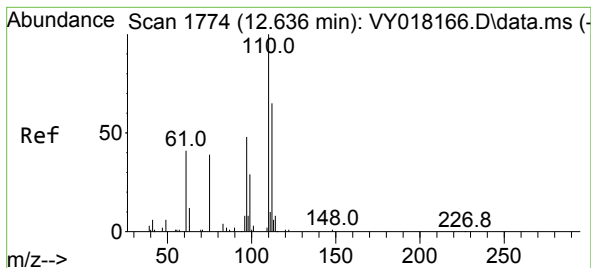
Ion Ratio Lower Upper

152 100

115 56.8 28.2 84.7

150 158.3 0.0 345.6





#76

1,2,3-Trichloropropane

Concen: 62.172 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.159 min

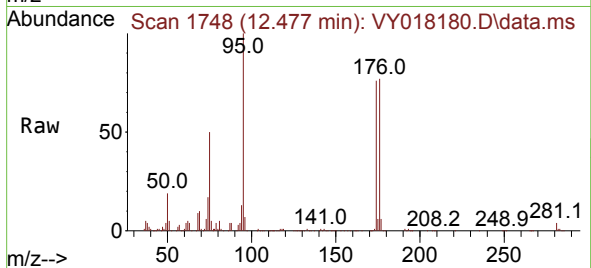
Lab File: VY018180.D

Acq: 08 May 2024 10:54

Instrument :

MSVOA_Y

ClientSampleId :

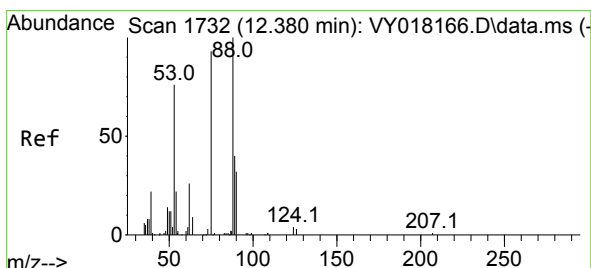
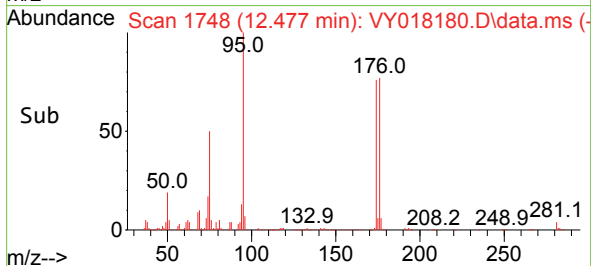
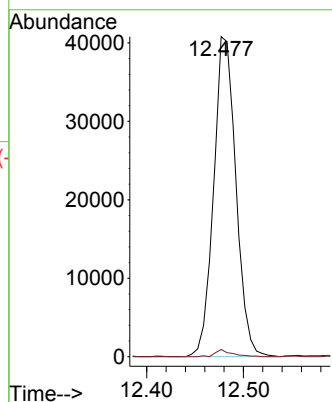


Tgt Ion: 75 Resp: 65312

Ion Ratio Lower Upper

75 100

77 1.7 0.0 0.0#



#81

trans-1,4-Dichloro-2-butene

Concen: 119.785 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.097 min

Lab File: VY018180.D

Acq: 08 May 2024 10:54

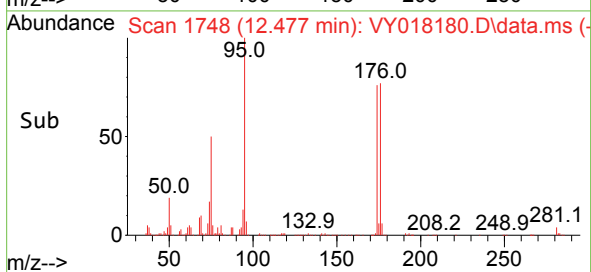
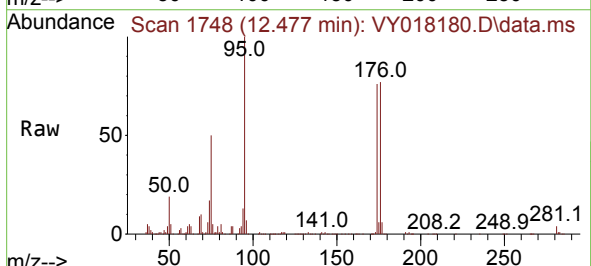
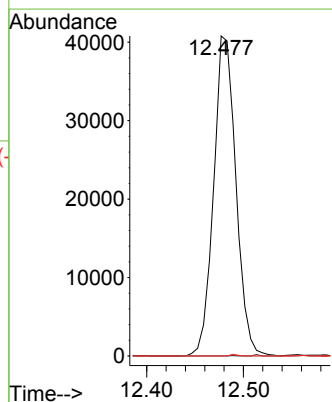
Tgt Ion: 75 Resp: 65312

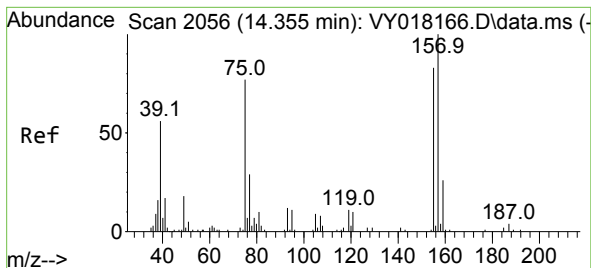
Ion Ratio Lower Upper

75 100

53 0.0 66.8 100.2#

89 0.2 35.8 53.6#

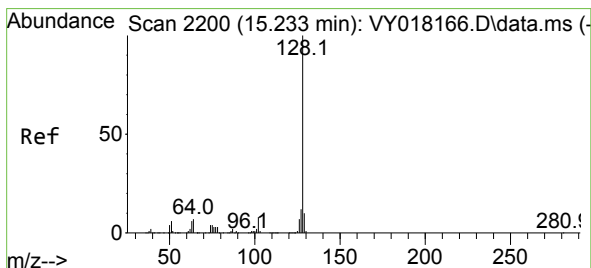
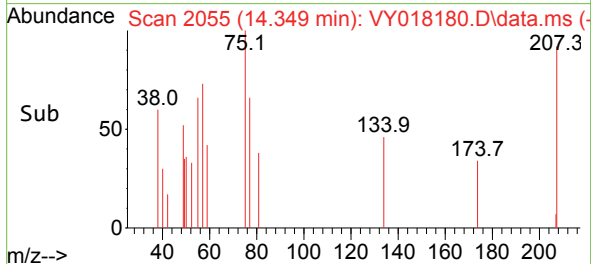
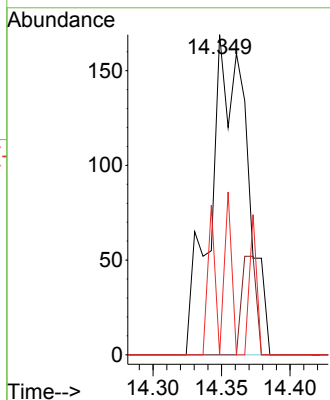
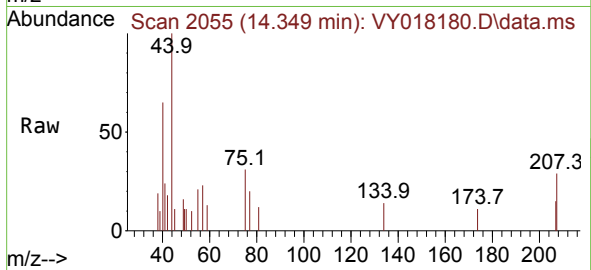




#92
1,2-Dibromo-3-Chloropropane
Concen: 1.464 ug/l
RT: 14.349 min Scan# 2055
Delta R.T. -0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

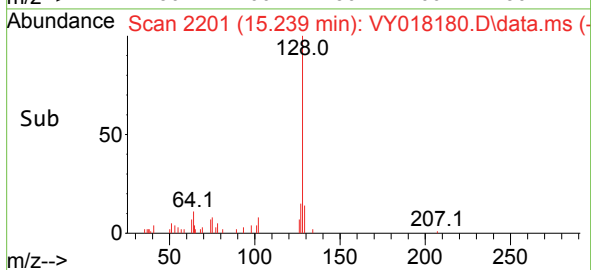
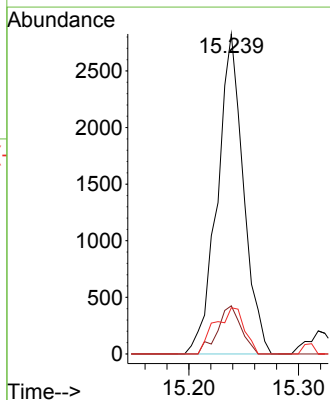
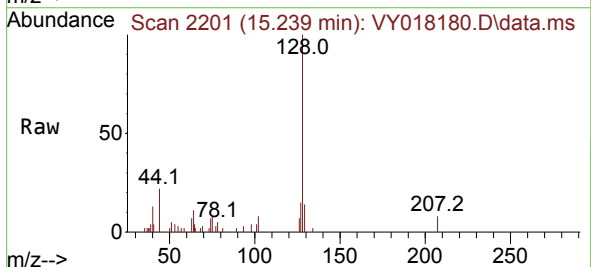
Instrument :
MSVOA_Y
ClientSampleId :

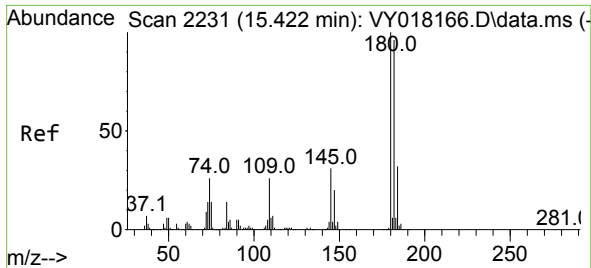
Tgt Ion: 75 Resp: 313
Ion Ratio Lower Upper
75 100
155 0.0 48.6 145.8#
157 19.2 62.7 188.2#



#95
Naphthalene
Concen: 1.211 ug/l
RT: 15.239 min Scan# 2201
Delta R.T. 0.006 min
Lab File: VY018180.D
Acq: 08 May 2024 10:54

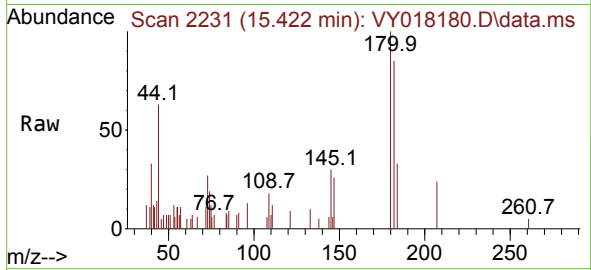
Tgt Ion: 128 Resp: 4682
Ion Ratio Lower Upper
128 100
127 13.6 10.6 16.0
129 16.2 8.6 13.0#





#96
 1,2,3-Trichlorobenzene
 Concen: 1.100 ug/l
 RT: 15.422 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: VY018180.D
 Acq: 08 May 2024 10:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion:	180	Resp:	1904
Ion	Ratio	Lower	Upper
180	100		
182	85.7	47.6	142.9
145	40.4	15.4	46.1

