

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009199.D
 Acq On : 16 Jun 2022 13:33
 Operator : KP/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

Quant Time: Jun 17 02:26:13 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

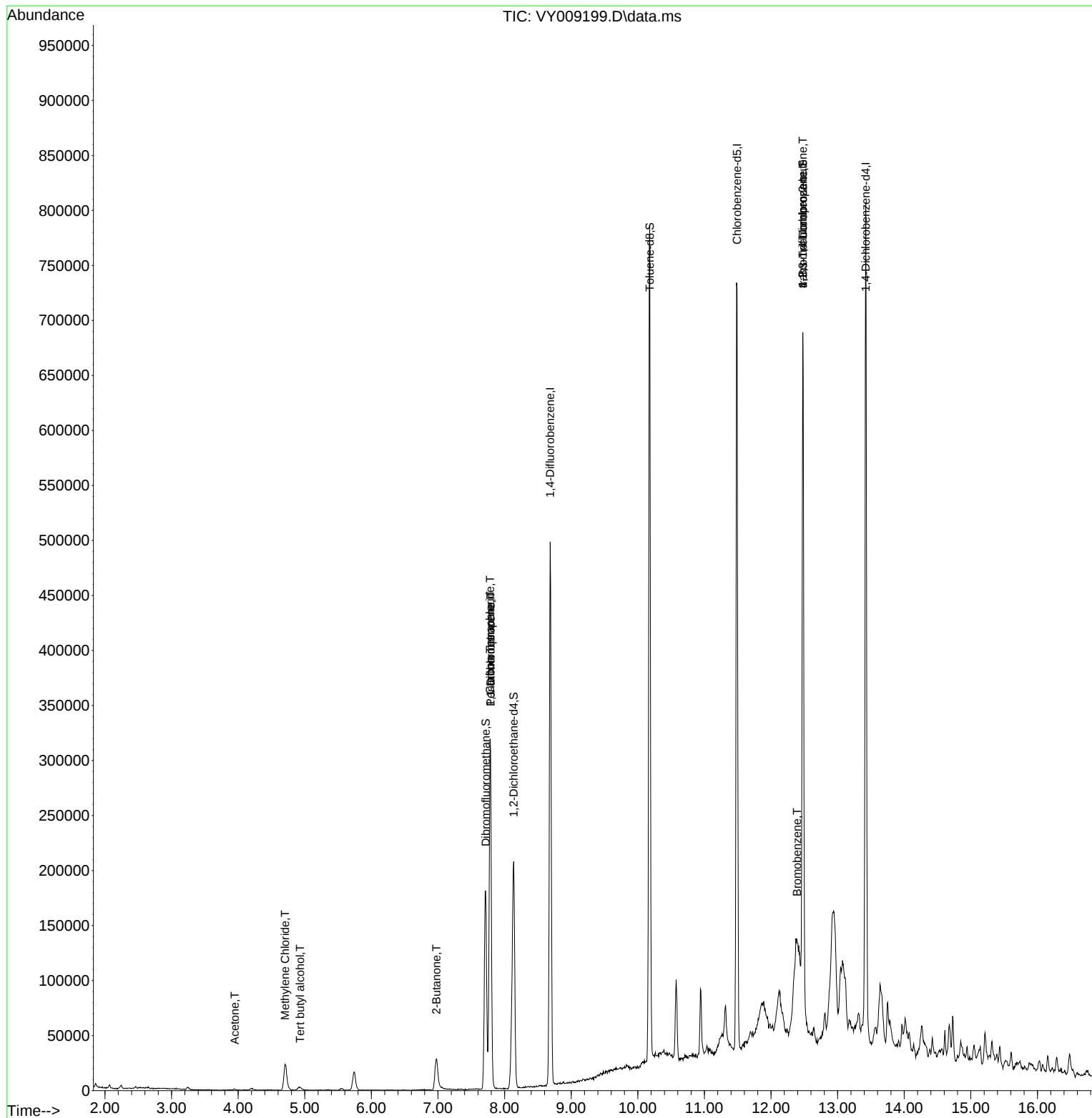
Internal Standards						
1) Pentafluorobenzene	7.789	168	257248	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	430397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	400860	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	192343	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143575	53.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.860%			
35) Dibromofluoromethane	7.716	113	131884	48.874	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.740%			
50) Toluene-d8	10.179	98	507449	49.401	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 98.800%			
62) 4-Bromofluorobenzene	12.477	95	182956	50.122	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.240%			
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	4.930	59	3303	7.748	ug/l #	77
13) Acrolein	3.753	56	23	Below Cal	#	14
16) Acetone	3.948	43	1585	2.342	ug/l #	76
18) Methyl Acetate	4.466	43	62	Below Cal	#	56
20) Methylene Chloride	4.704	84	17697	3.110	ug/l	91
25) 2-Butanone	6.978	43	1985	1.853	ug/l	96
36) 1,1-Dichloropropene	7.789	75	17989	4.334	ug/l #	52
38) Carbon Tetrachloride	7.783	117	23617	5.502	ug/l #	17
76) 1,2,3-Trichloropropane	12.477	75	93704	44.121	ug/l #	100
77) Bromobenzene	12.392	156	164522	46.257	ug/l #	1
81) trans-1,4-Dichloro-2-b...	12.477	75	93773	87.993	ug/l #	8

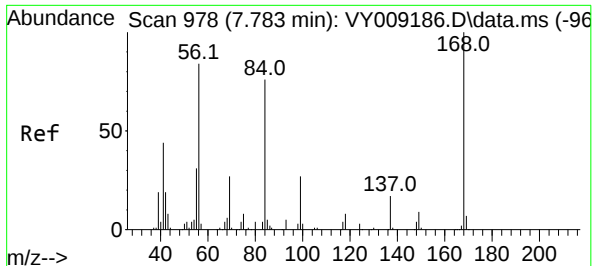
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration

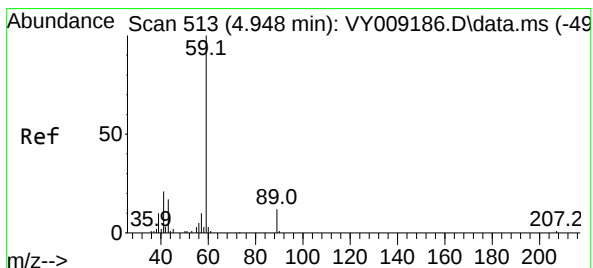
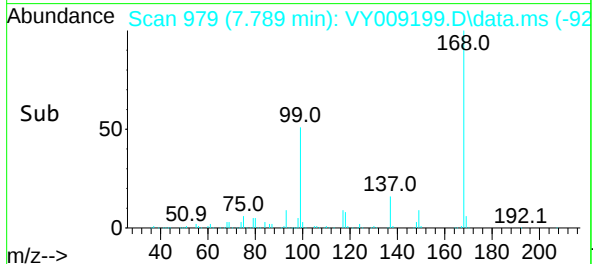
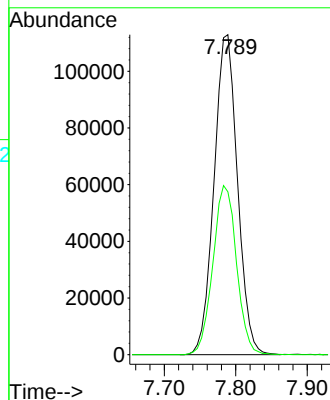
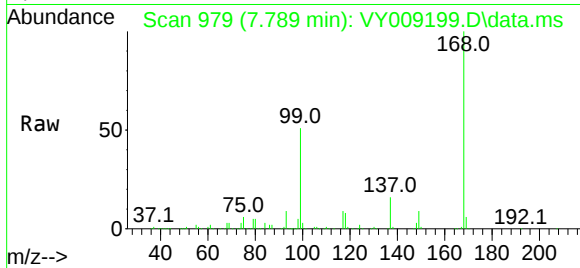




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

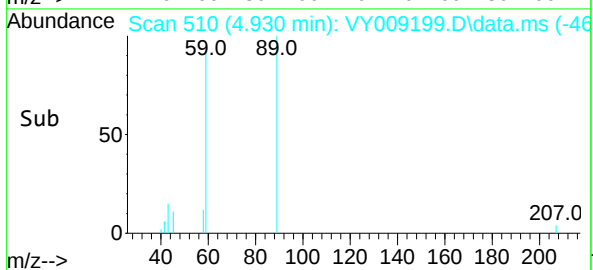
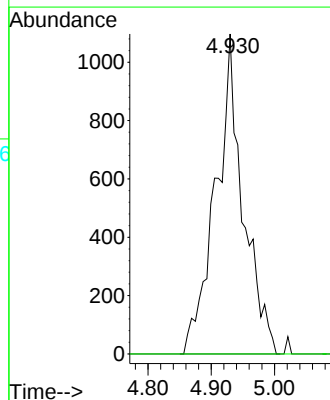
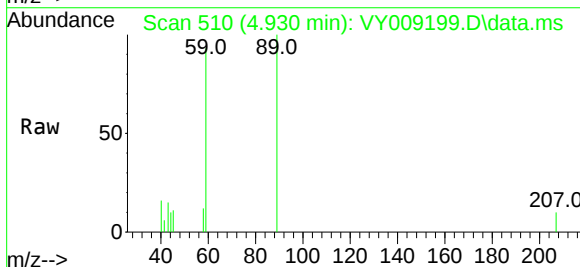
Instrument :
MSVOA_Y
ClientSampleId :

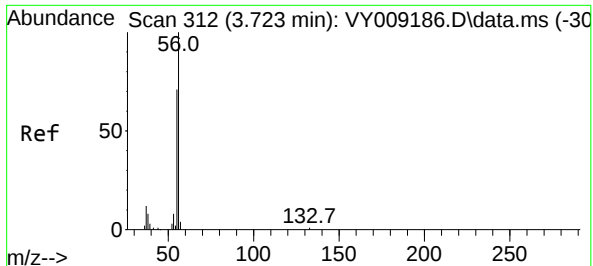
Tgt Ion:168 Resp: 257248
Ion Ratio Lower Upper
168 100
99 50.9 46.9 70.3



#11
Tert butyl alcohol
Concen: 7.748 ug/l
RT: 4.930 min Scan# 510
Delta R.T. -0.018 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 59 Resp: 3303
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#

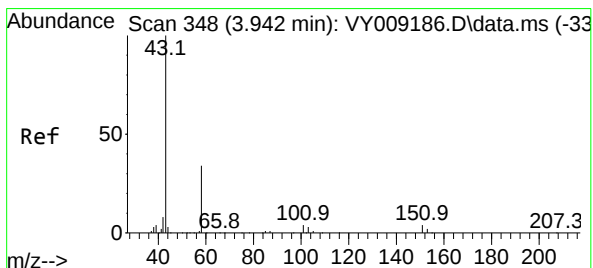
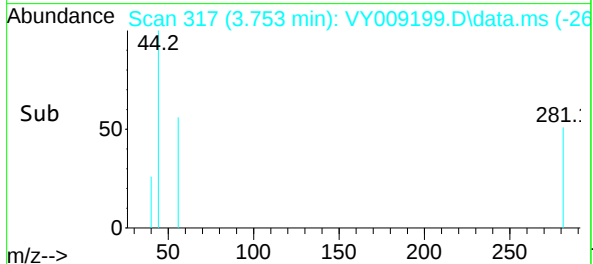
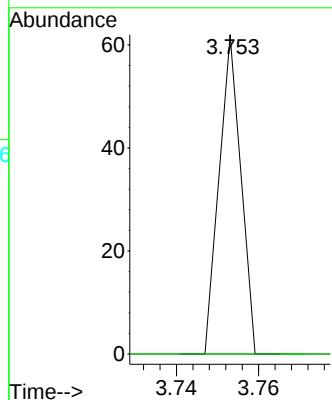
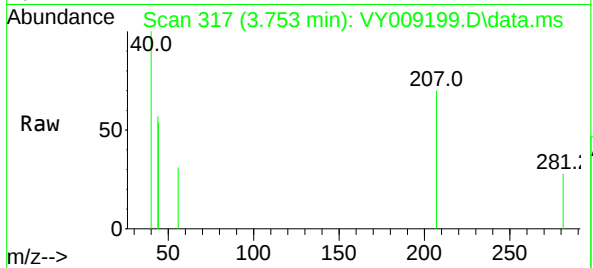




#13
Acrolein
Concen: Below Cal
RT: 3.753 min Scan# 31
Delta R.T. 0.030 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

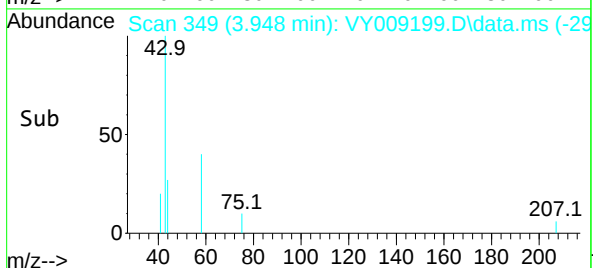
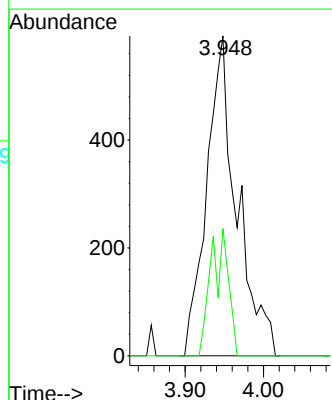
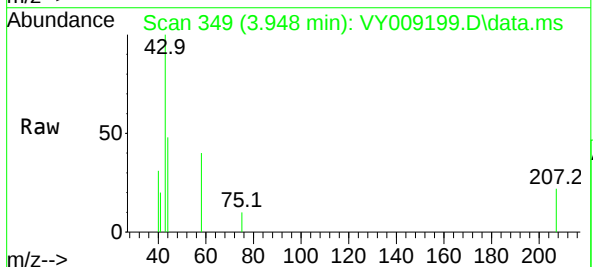
Instrument :
MSVOA_Y
ClientSampleId :

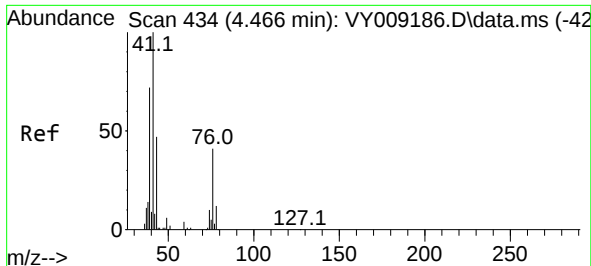
Tgt Ion: 56 Resp: 23
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#



#16
Acetone
Concen: 2.342 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.006 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 43 Resp: 1585
Ion Ratio Lower Upper
43 100
58 39.8 22.0 33.0#

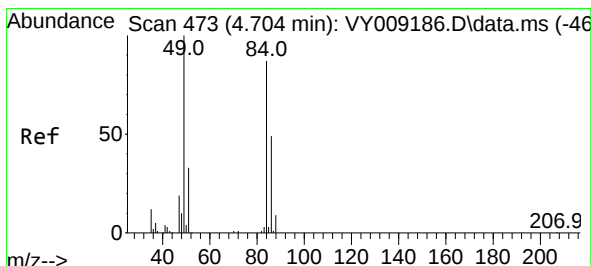
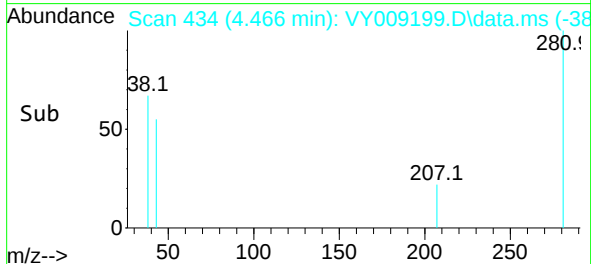
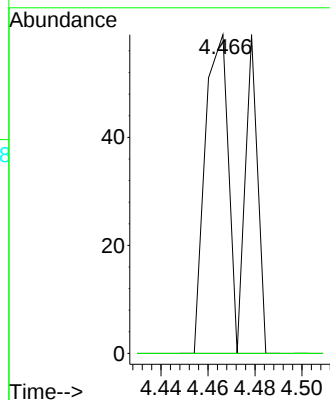
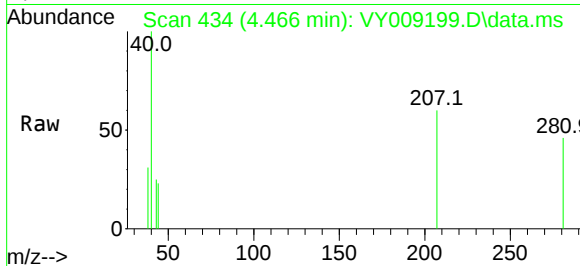




#18
Methyl Acetate
Concen: Below Cal
RT: 4.466 min Scan# 41
Delta R.T. 0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

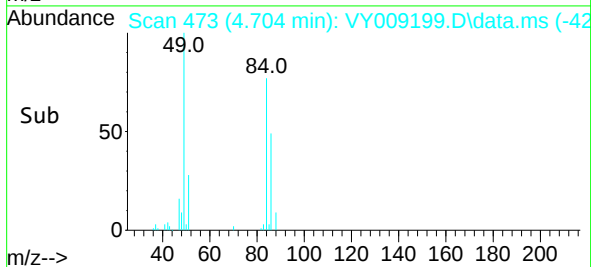
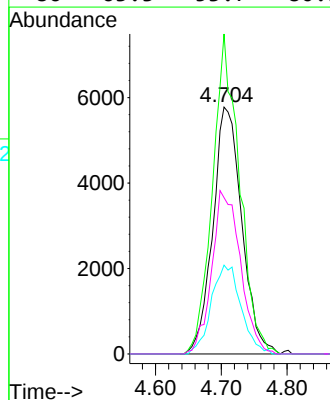
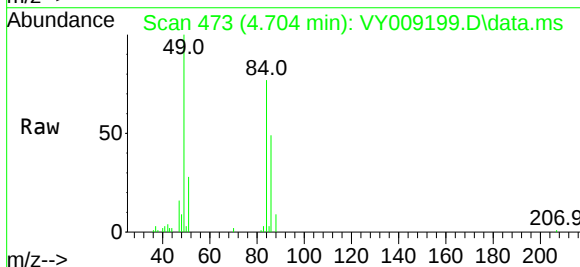
Instrument :
MSVOA_Y
ClientSampleId :

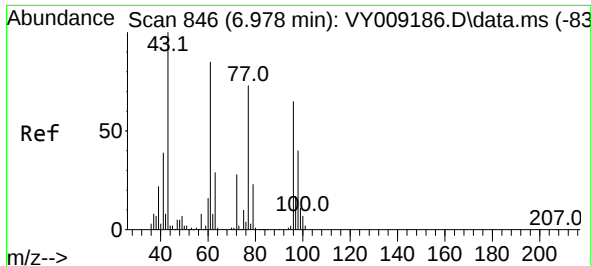
Tgt Ion: 43 Resp: 62
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: 3.110 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

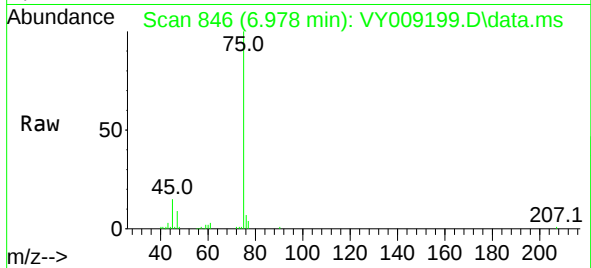
Tgt Ion: 84 Resp: 17697
Ion Ratio Lower Upper
84 100
49 129.7 114.4 171.6
51 36.0 35.3 52.9
86 63.3 53.7 80.5



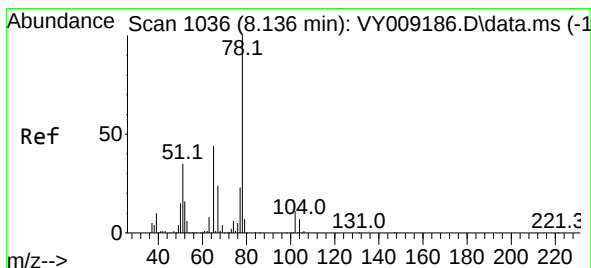
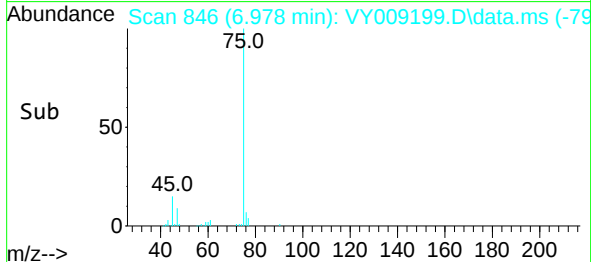
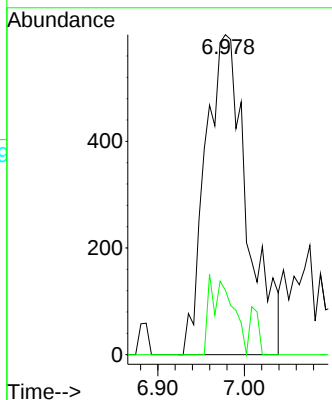


#25
2-Butanone
Concen: 1.853 ug/l
RT: 6.978 min Scan# 846
Delta R.T. -0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Instrument :
MSVOA_Y
ClientSampleId :

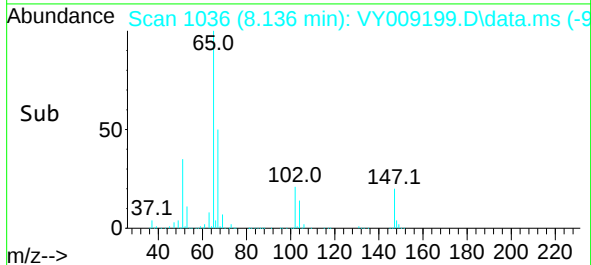
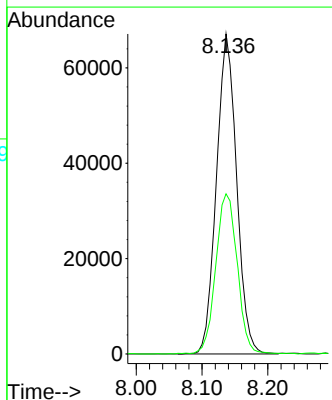
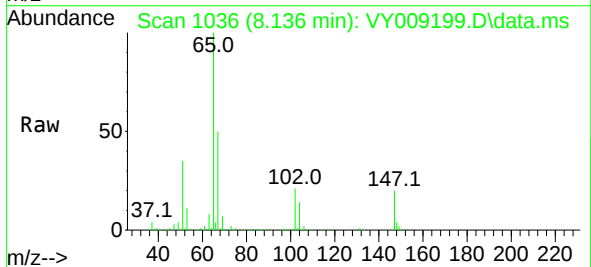


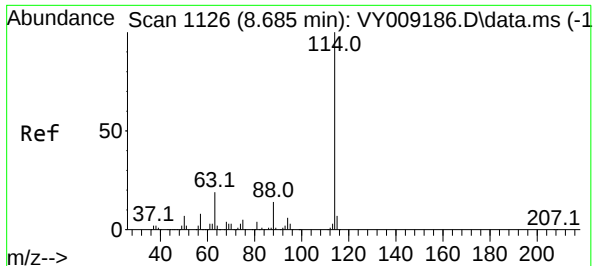
Tgt Ion: 43 Resp: 1985
Ion Ratio Lower Upper
43 100
72 20.2 17.7 26.5



#33
1,2-Dichloroethane-d4
Concen: 53.429 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 65 Resp: 143575
Ion Ratio Lower Upper
65 100
67 53.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

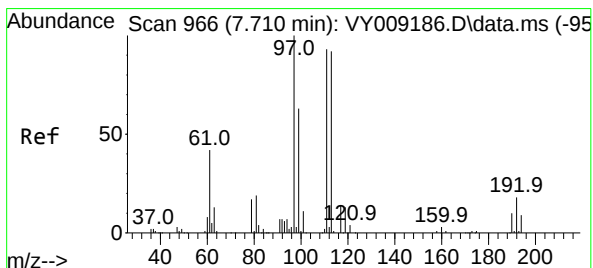
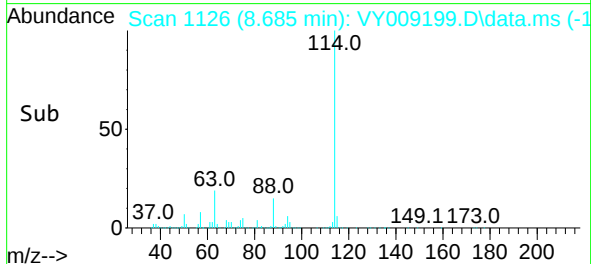
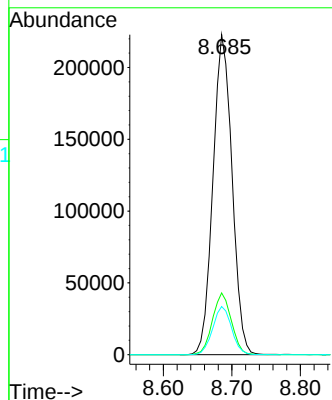
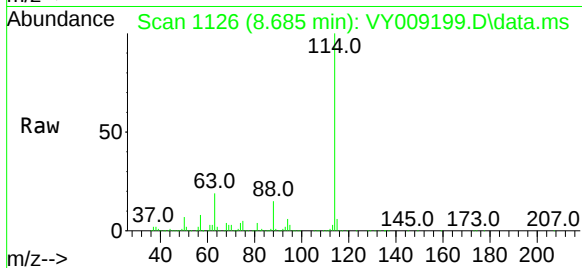
Tgt Ion:114 Resp: 430397

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.874 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.006 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

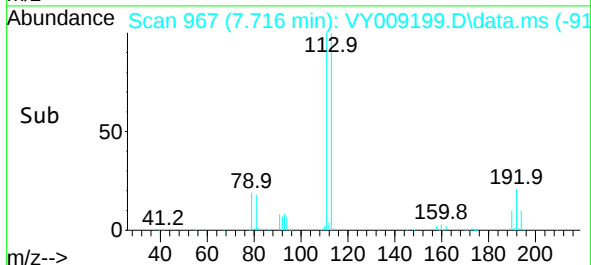
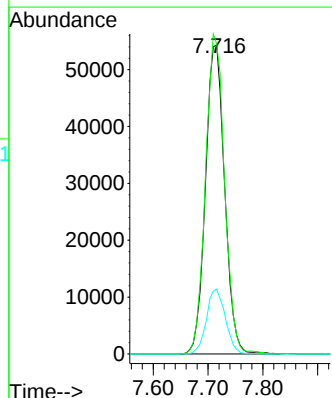
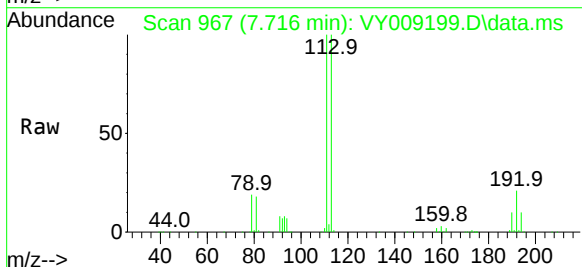
Tgt Ion:113 Resp: 131884

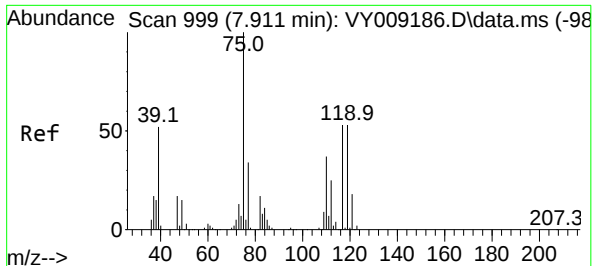
Ion Ratio Lower Upper

113 100

111 102.9 82.6 124.0

192 20.6 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.334 ug/l

RT: 7.789 min Scan# 91

Delta R.T. -0.122 min

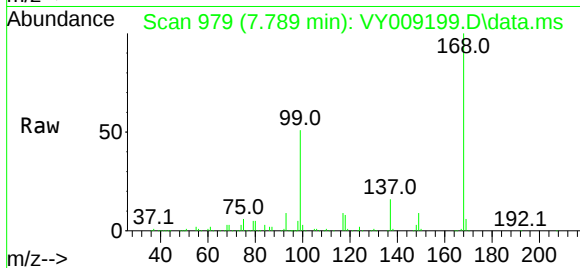
Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

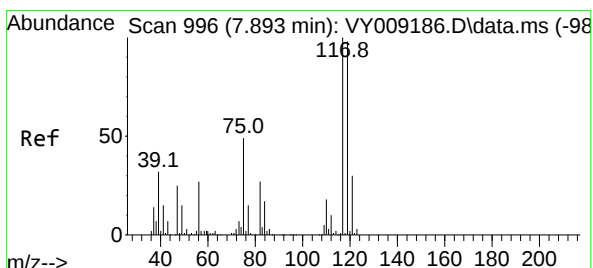
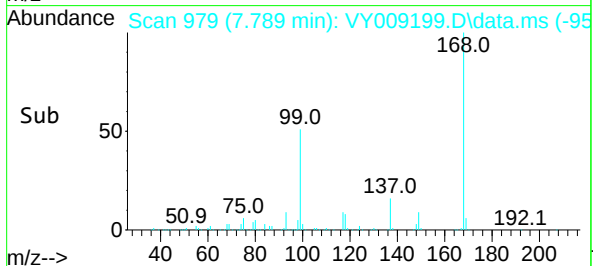
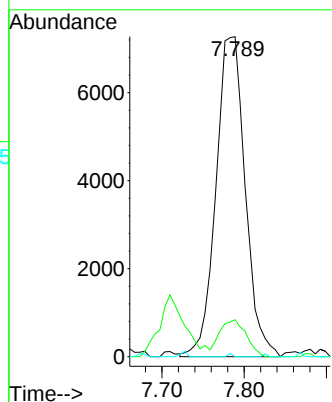
Instrument :

MSVOA_Y

ClientSampleId :



Tgt Ion: 75	Resp: 17989
Ion Ratio	Lower Upper
75	100
110	10.4 17.1 51.2#
77	0.1 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.502 ug/l

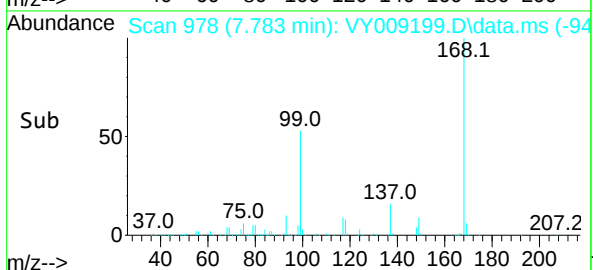
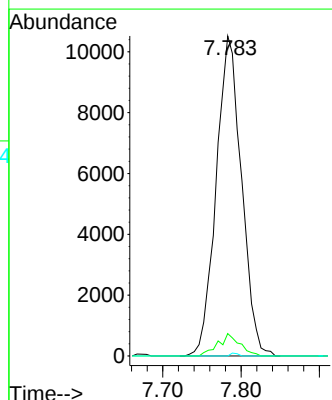
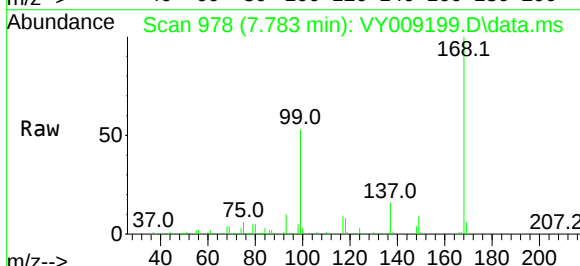
RT: 7.783 min Scan# 978

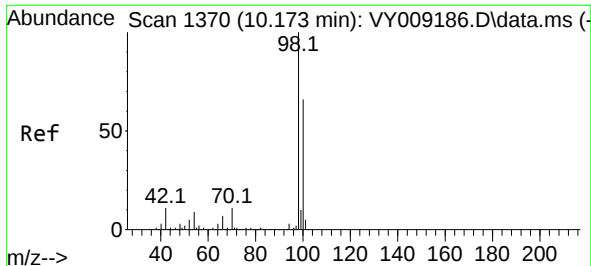
Delta R.T. -0.110 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Tgt Ion: 117	Resp: 23617
Ion Ratio	Lower Upper
117	100
119	7.0 77.9 116.9#
121	0.0 24.8 37.2#

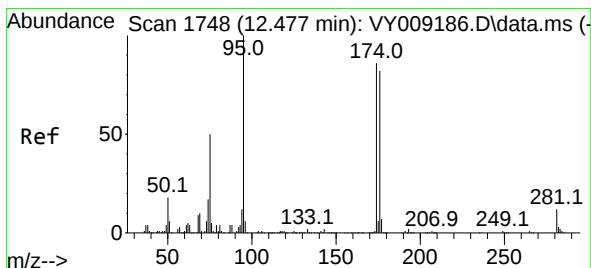
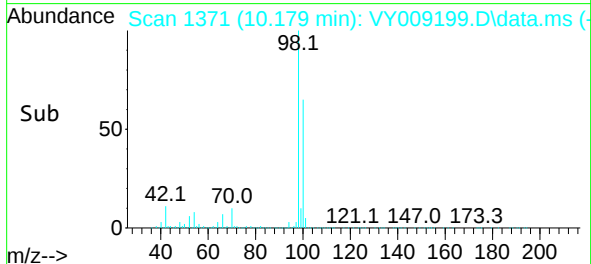
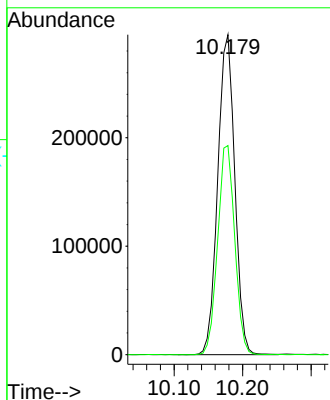
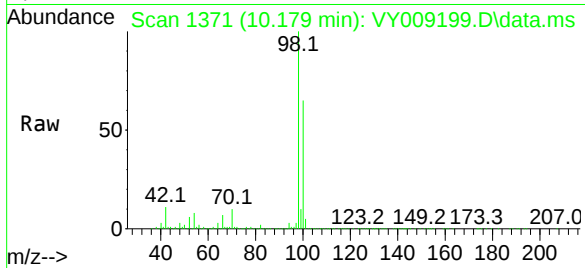




#50
Toluene-d8
Concen: 49.401 ug/l
RT: 10.179 min Scan# 1
Delta R.T. 0.006 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

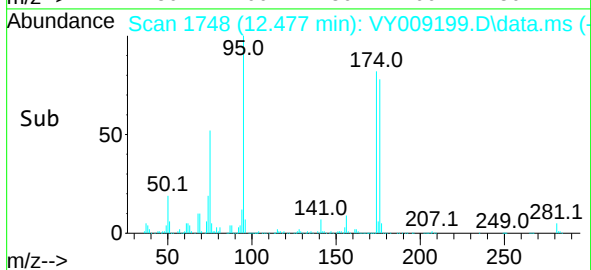
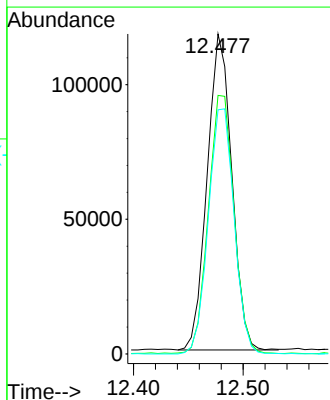
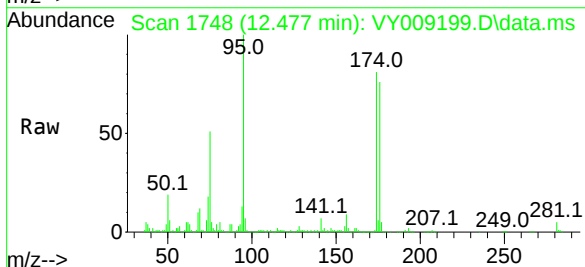
Instrument :
MSVOA_Y
ClientSampleId :

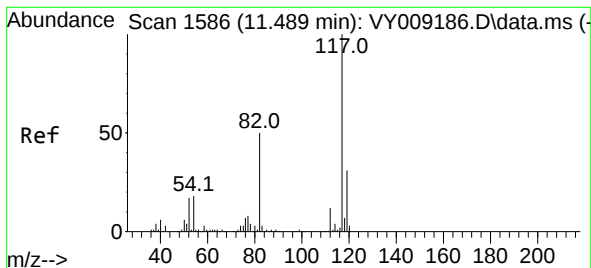
Tgt Ion: 98 Resp: 507449
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Tgt Ion: 95 Resp: 182956
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 81.4 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

Instrument :

MSVOA_Y

ClientSampleId :

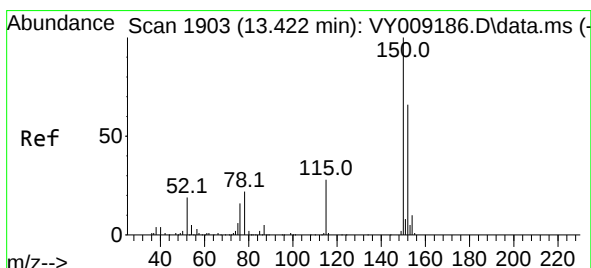
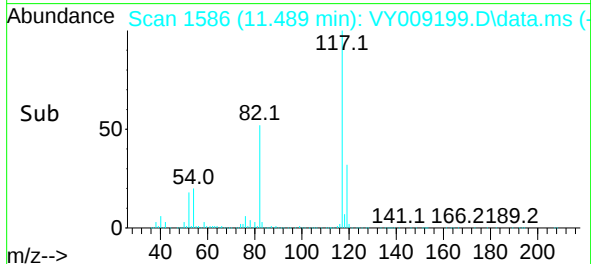
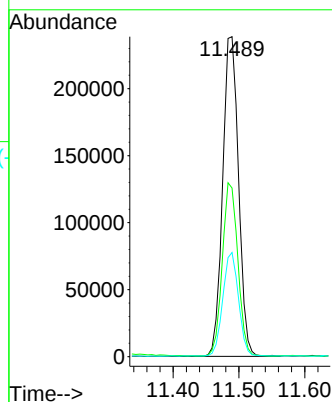
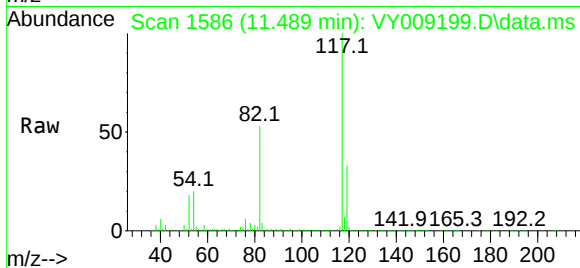
Tgt Ion:117 Resp: 400860

Ion Ratio Lower Upper

117 100

82 52.5 43.0 64.4

119 32.4 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009199.D

Acq: 16 Jun 2022 13:33

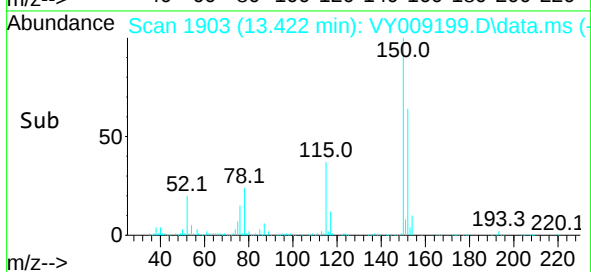
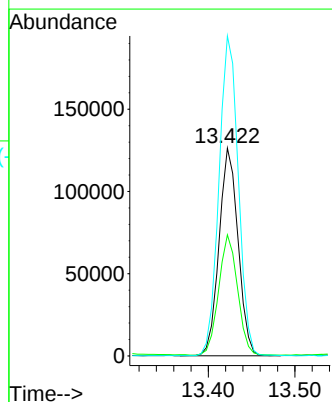
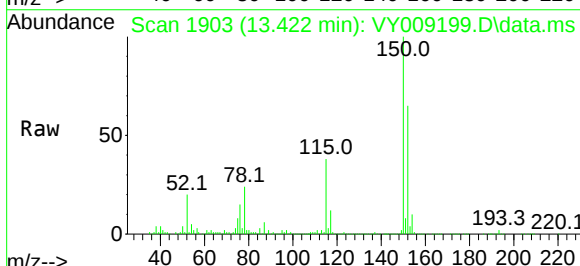
Tgt Ion:152 Resp: 192343

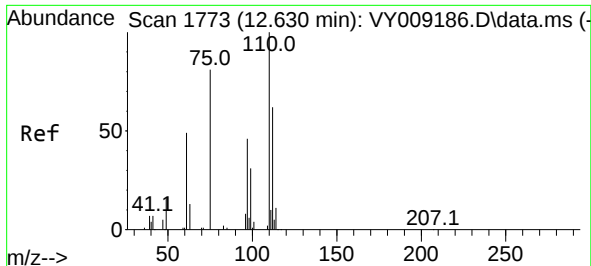
Ion Ratio Lower Upper

152 100

115 57.8 28.2 84.7

150 156.5 0.0 347.6

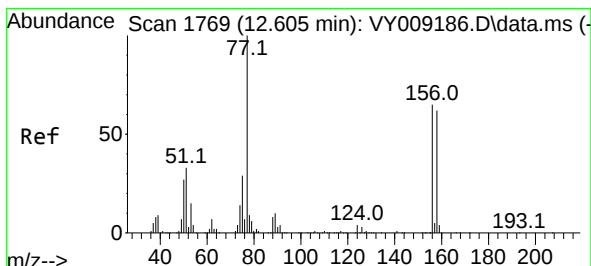
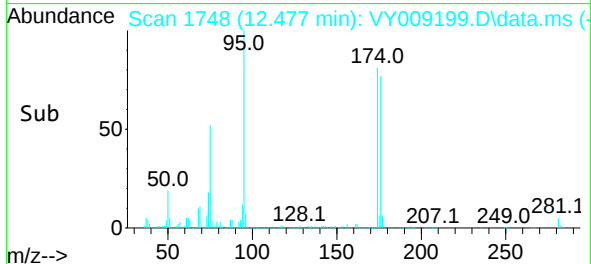
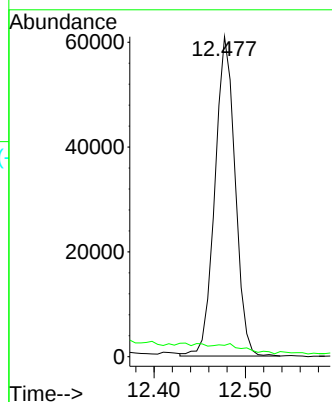
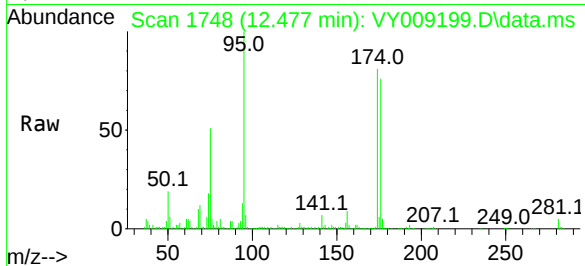




#76
1,2,3-Trichloropropane
Concen: 44.121 ug/l
RT: 12.477 min Scan# 1734
Delta R.T. -0.152 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

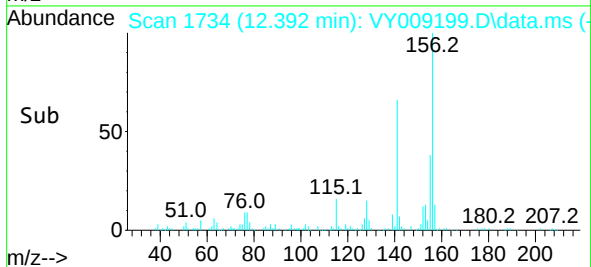
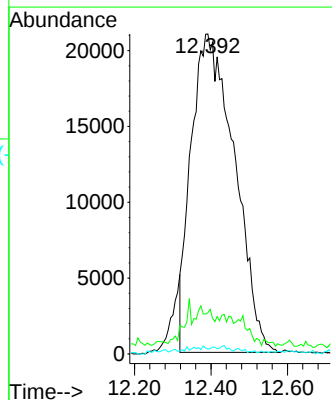
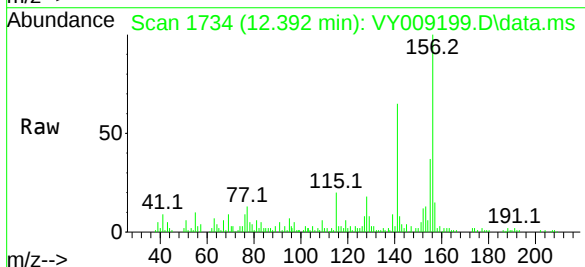
Instrument :
MSVOA_Y
ClientSampleId :

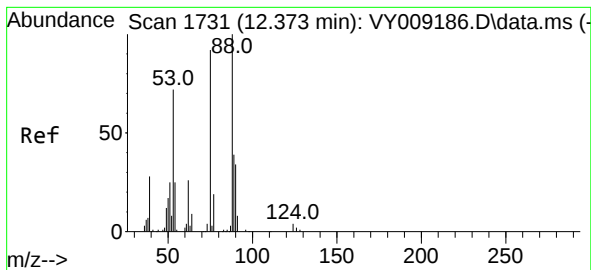
Tgt Ion: 75 Resp: 93704
Ion Ratio Lower Upper
75 100
77 0.0 0.0 0.0



#77
Bromobenzene
Concen: 46.257 ug/l
RT: 12.392 min Scan# 1734
Delta R.T. -0.213 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

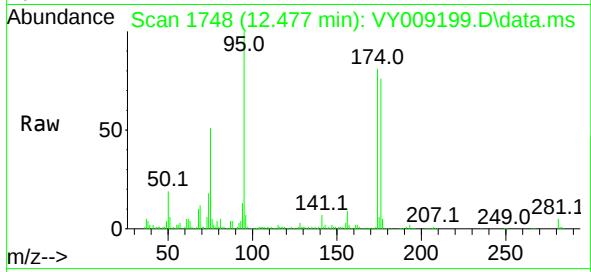
Tgt Ion: 156 Resp: 164522
Ion Ratio Lower Upper
156 100
77 0.0 95.5 286.4#
158 0.2 48.0 144.0#





#81
trans-1,4-Dichloro-2-butene
Concen: 87.993 ug/l
RT: 12.477 min Scan# 11
Delta R.T. 0.104 min
Lab File: VY009199.D
Acq: 16 Jun 2022 13:33

Instrument :
MSVOA_Y
ClientSampleId :



Tgt Ion:	75	Resp:	93773
Ion	Ratio	Lower	Upper
75	100		
53	1.0	85.3	127.9#
89	0.0	37.0	55.4#

