

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
 Data File : VY008591.D
 Acq On : 03 May 2022 14:55
 Operator : KP/MD
 Sample : N2616-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18S

Quant Time: May 04 02:41:18 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 03 01:57:20 2022
 Response via : Initial Calibration

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

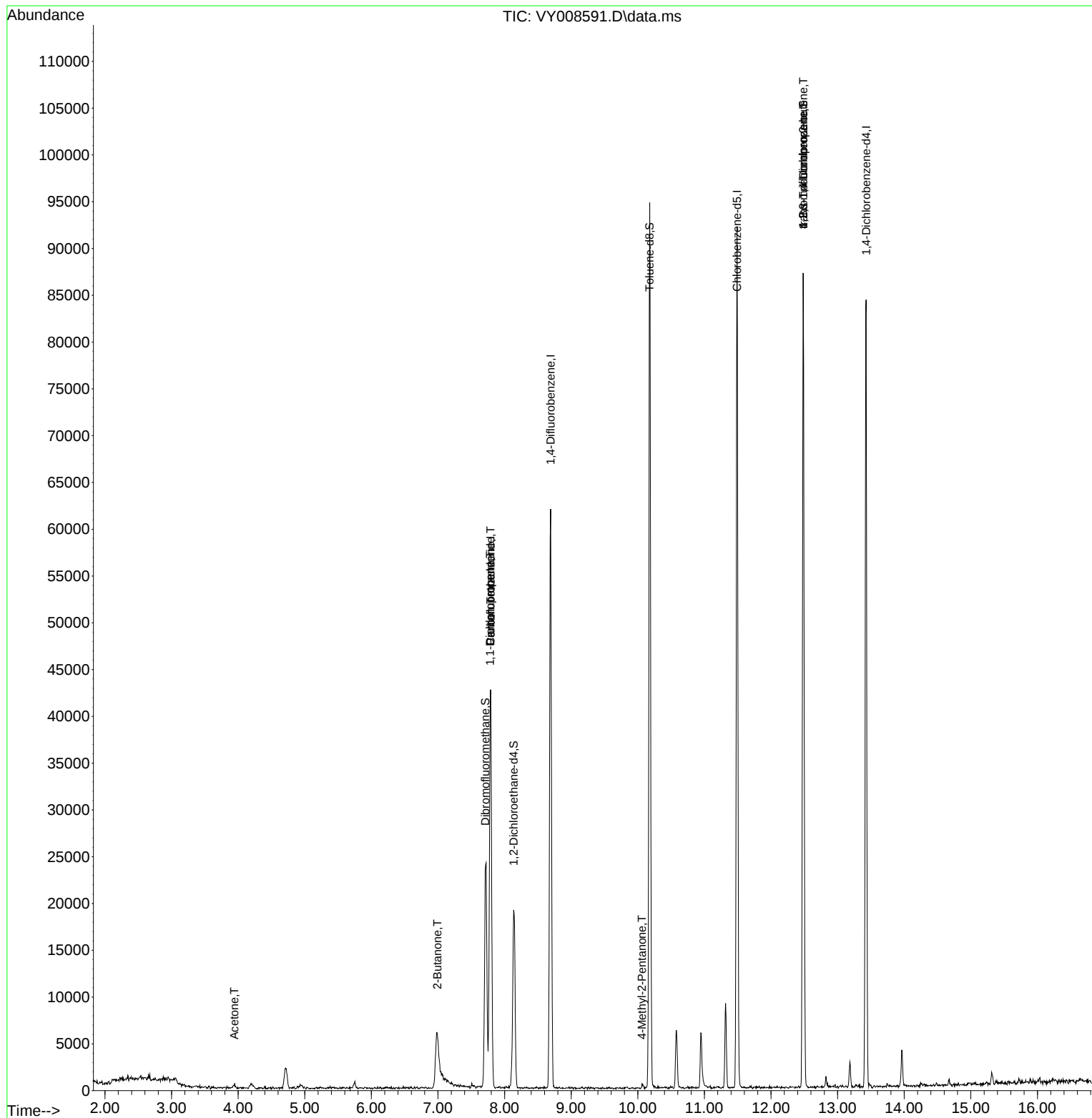
Internal Standards						
1) Pentafluorobenzene	7.789	168	37101	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	58346	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	54119	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	23963	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	15081	41.823	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	83.640%		
35) Dibromofluoromethane	7.710	113	17811	46.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.260%		
50) Toluene-d8	10.179	98	67308	49.209	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.420%		
62) 4-Bromofluorobenzene	12.483	95	21303	42.493	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	84.980%		
Target Compounds						
						Qvalue
5) Bromomethane	2.656	94	225	Below Cal	#	79
11) Tert butyl alcohol	4.948	59	700	Below Cal	#	77
16) Acetone	3.942	43	668	8.598	ug/l	89
18) Methyl Acetate	4.229	43	41	Below Cal	#	56
20) Methylene Chloride	4.716	84	2035	Below Cal	#	71
25) 2-Butanone	6.990	43	249	1.997	ug/l	# 54
36) 1,1-Dichloropropene	7.783	75	2625	4.372	ug/l	# 48
38) Carbon Tetrachloride	7.789	117	3580	5.227	ug/l	# 16
51) 4-Methyl-2-Pentanone	10.063	43	333	1.133	ug/l	# 40
76) 1,2,3-Trichloropropane	12.483	75	10684	41.767	ug/l	# 100
81) trans-1,4-Dichloro-2-b...	12.483	75	10684	84.679	ug/l	# 7

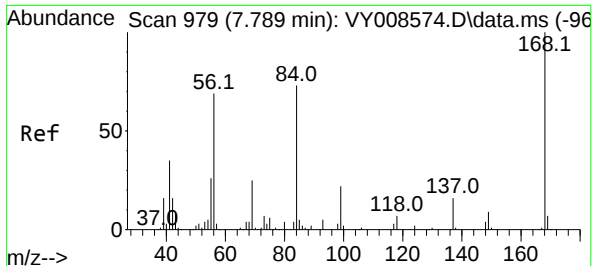
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY050322\
Data File : VY008591.D
Acq On : 03 May 2022 14:55
Operator : KP/MD
Sample : N2616-01
Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 15 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

Quant Time: May 04 02:41:18 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050222S.M
Quant Title : SW846 8260
QLast Update : Tue May 03 01:57:20 2022
Response via : Initial Calibration

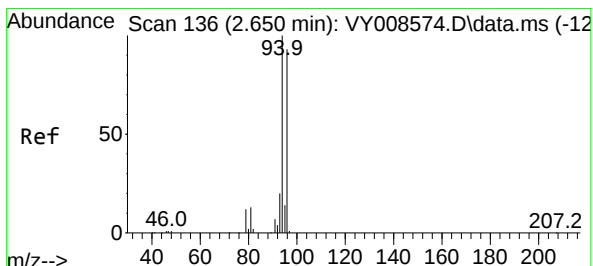
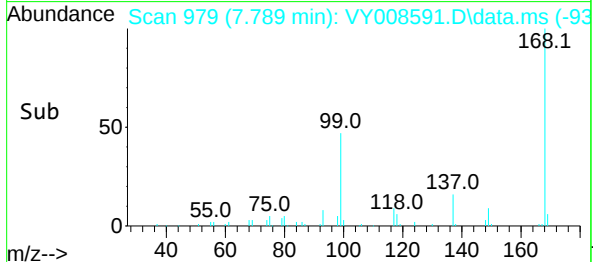
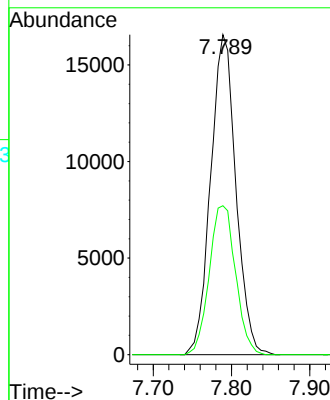
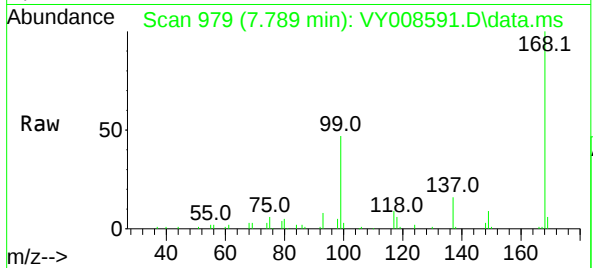




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

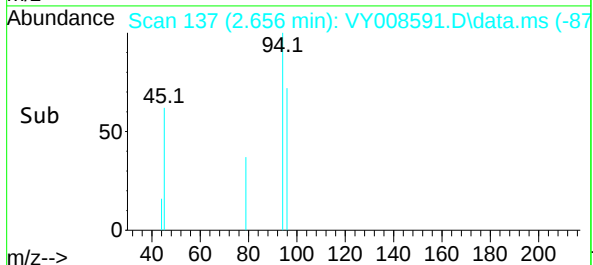
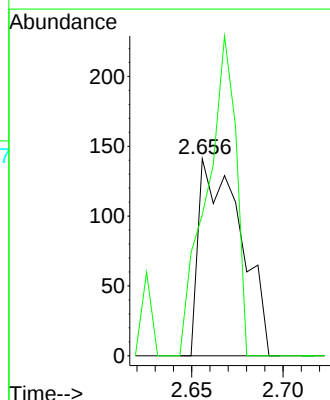
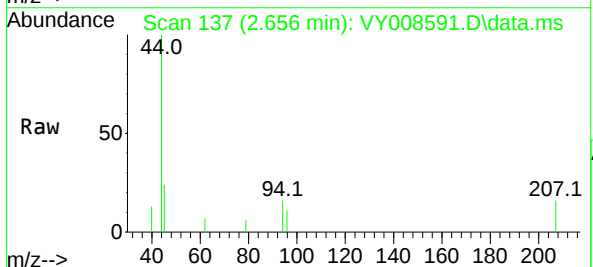
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

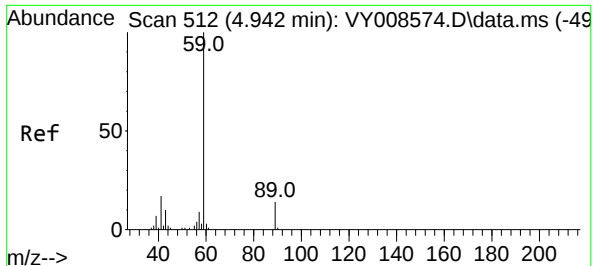
Tgt Ion:168 Resp: 37101
Ion Ratio Lower Upper
168 100
99 46.5 46.9 70.3#



#5
Bromomethane
Concen: Below Cal
RT: 2.656 min Scan# 137
Delta R.T. 0.006 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 94 Resp: 225
Ion Ratio Lower Upper
94 100
96 71.6 73.5 110.3#





#11

Tert butyl alcohol

Concen: Below Cal

RT: 4.948 min Scan# 512

Delta R.T. 0.006 min

Lab File: VY008591.D

Acq: 03 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

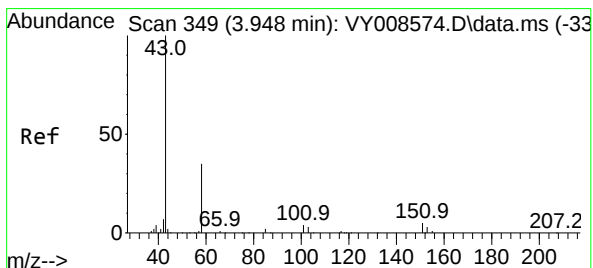
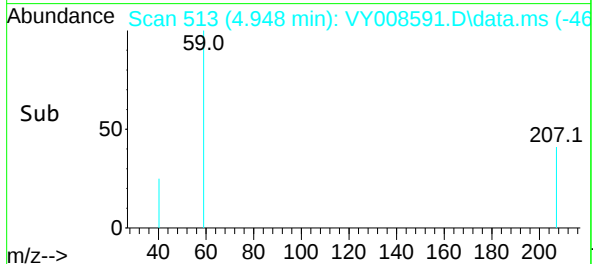
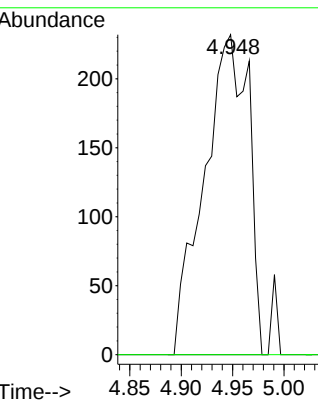
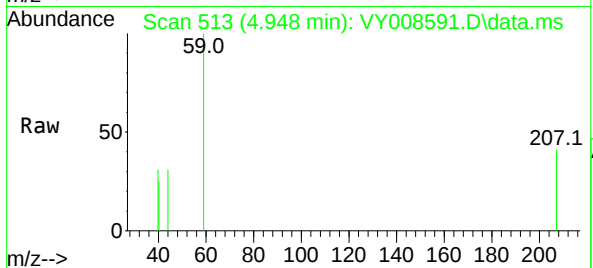
MH-18S

Tgt Ion: 59 Resp: 700

Ion Ratio Lower Upper

59 100

57 0.0 6.4 9.6#



#16

Acetone

Concen: 8.598 ug/l

RT: 3.942 min Scan# 348

Delta R.T. -0.006 min

Lab File: VY008591.D

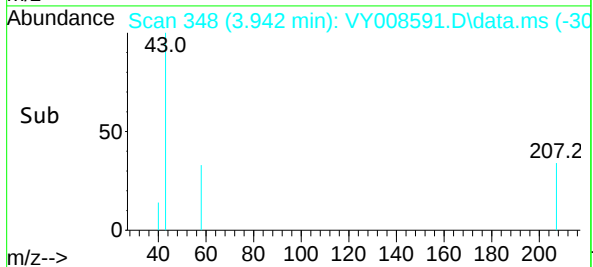
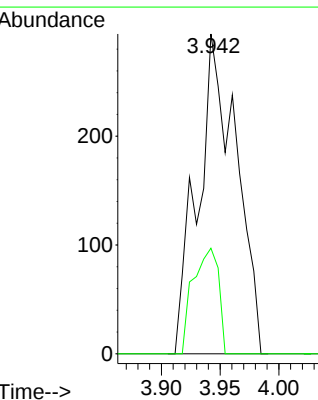
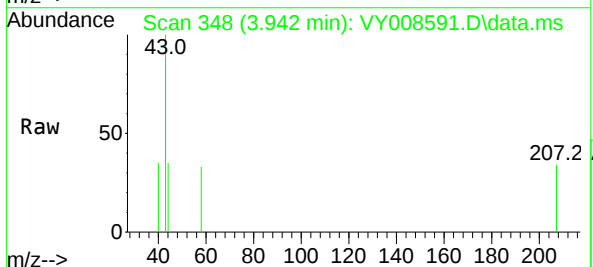
Acq: 03 May 2022 14:55

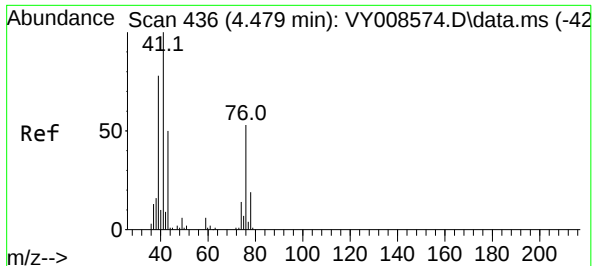
Tgt Ion: 43 Resp: 668

Ion Ratio Lower Upper

43 100

58 33.0 22.0 33.0

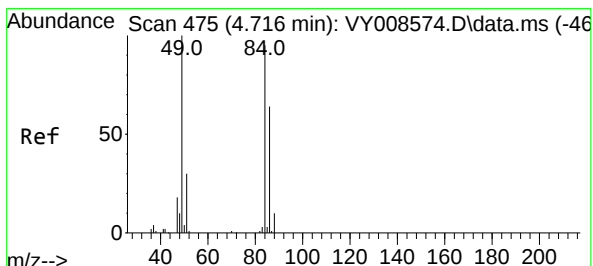
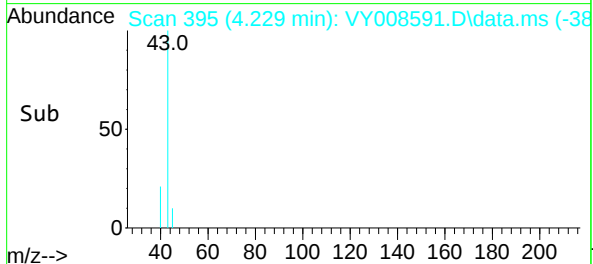
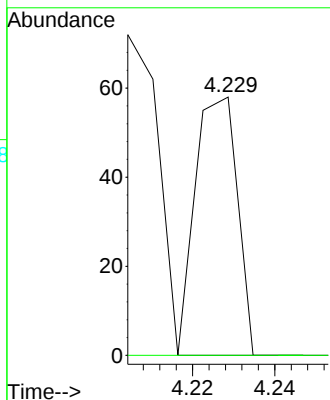
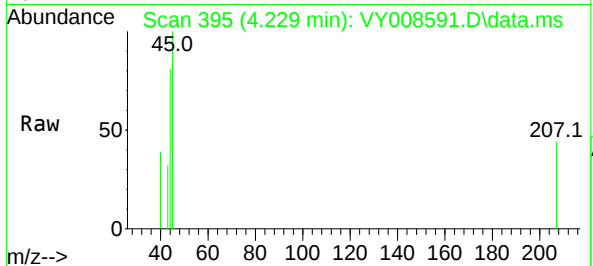




#18
Methyl Acetate
Concen: Below Cal
RT: 4.229 min Scan# 395
Delta R.T. -0.250 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

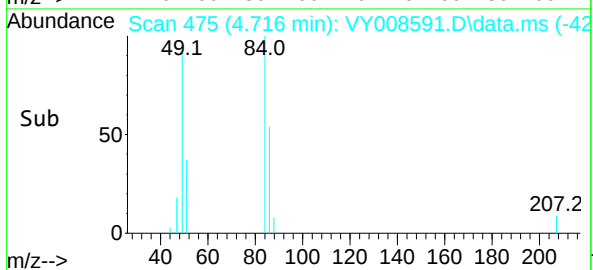
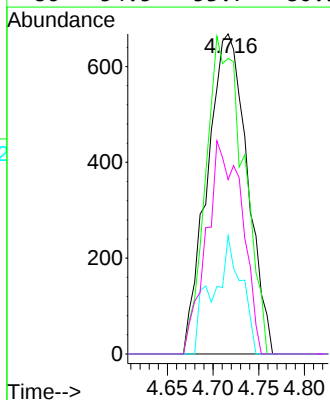
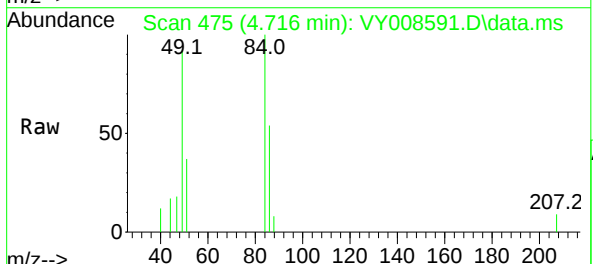
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

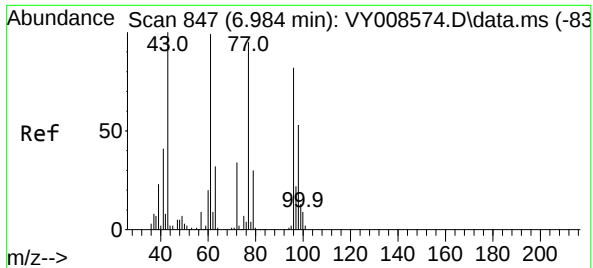
Tgt Ion: 43 Resp: 41
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.716 min Scan# 475
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 84 Resp: 2035
Ion Ratio Lower Upper
84 100
49 92.4 114.4 171.6#
51 37.0 35.3 52.9
86 54.5 53.7 80.5

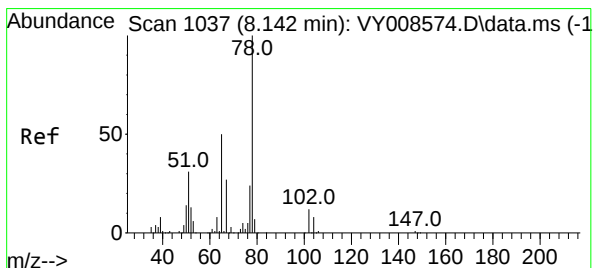
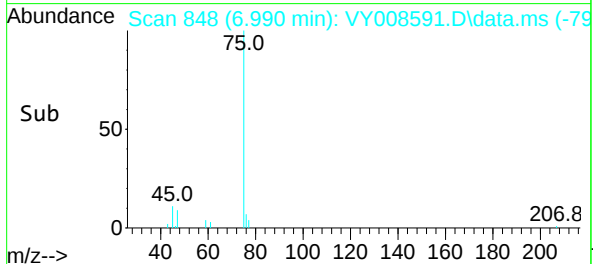
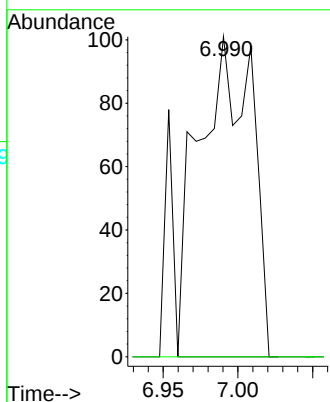
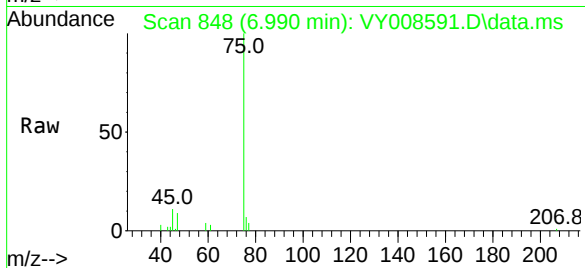




#25
2-Butanone
Concen: 1.997 ug/l
RT: 6.990 min Scan# 84
Delta R.T. 0.006 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

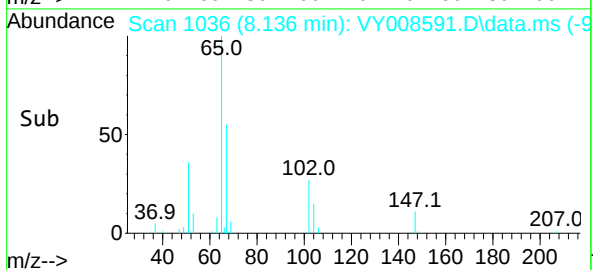
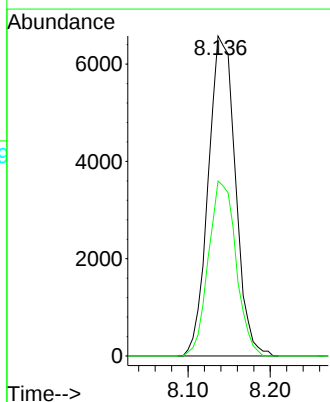
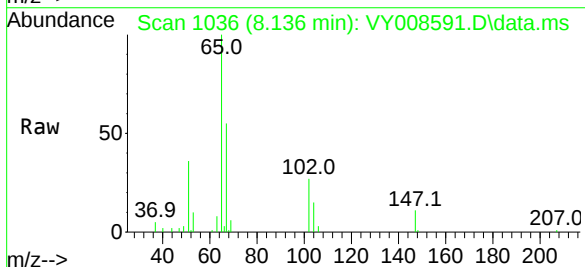
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

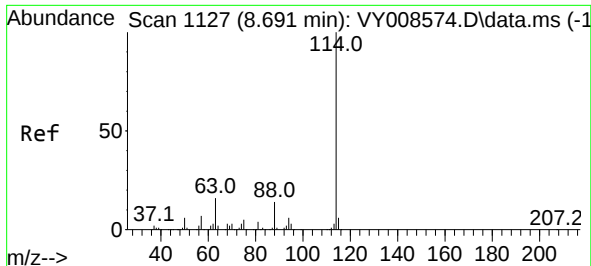
Tgt Ion: 43 Resp: 249
Ion Ratio Lower Upper
43 100
72 0.0 17.7 26.5#



#33
1,2-Dichloroethane-d4
Concen: 41.823 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 65 Resp: 15081
Ion Ratio Lower Upper
65 100
67 55.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY008591.D

Acq: 03 May 2022 14:55

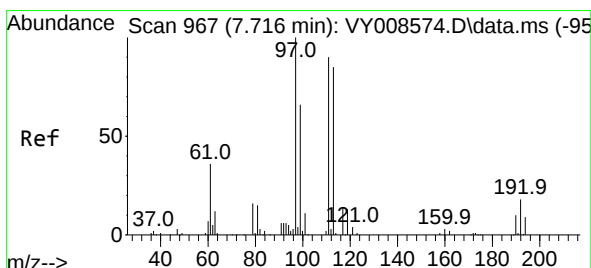
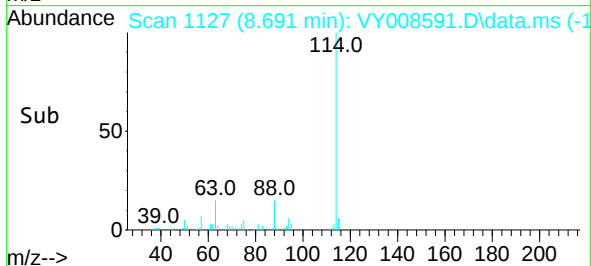
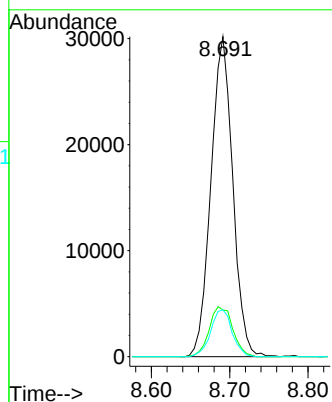
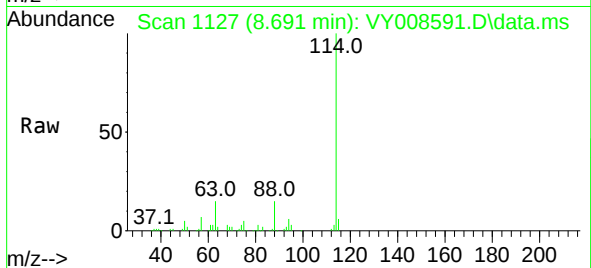
Instrument :

MSVOA_Y

ClientSampleId :

MH-18S

Tgt Ion:114	Resp:	58346
Ion Ratio	Lower	Upper
114	100	
63	14.6	0.0 43.2
88	14.6	0.0 31.8



#35

Dibromofluoromethane

Concen: 46.134 ug/l

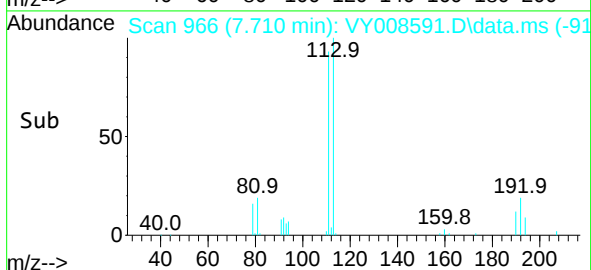
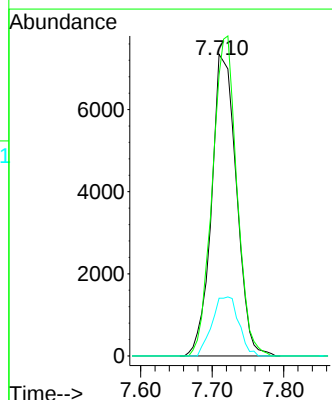
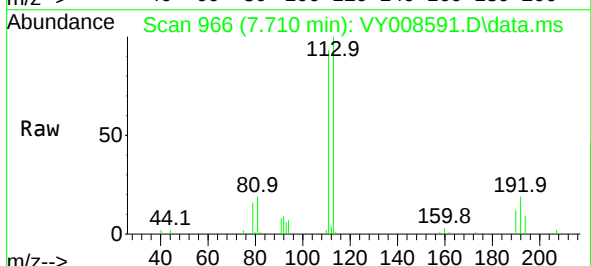
RT: 7.710 min Scan# 966

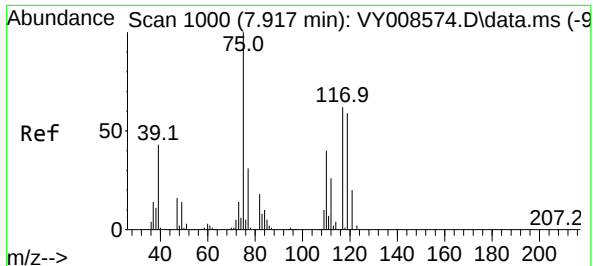
Delta R.T. -0.006 min

Lab File: VY008591.D

Acq: 03 May 2022 14:55

Tgt Ion:113	Resp:	17811
Ion Ratio	Lower	Upper
113	100	
111	103.9	82.6 124.0
192	20.8	17.6 26.4

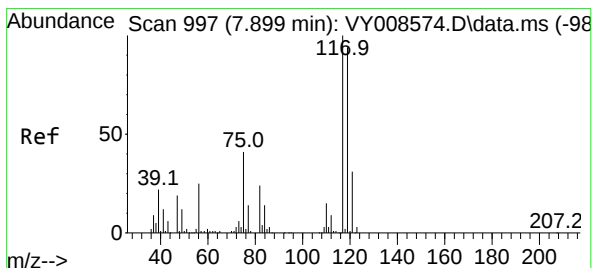
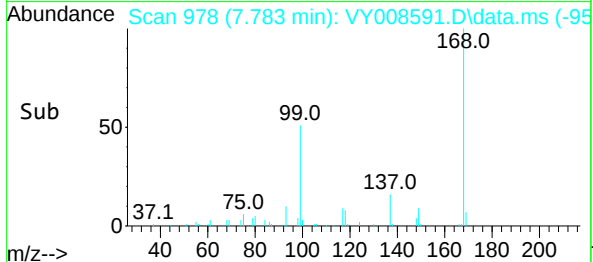
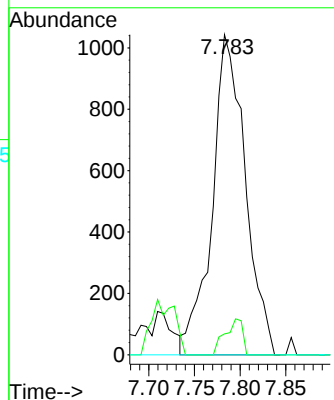
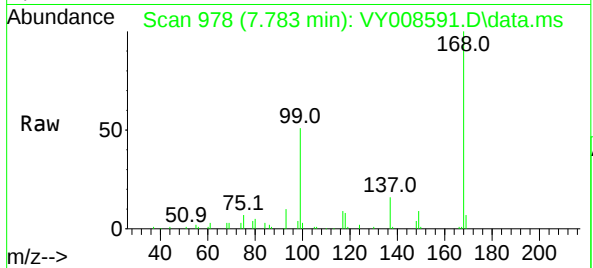




#36
1,1-Dichloropropene
Concen: 4.372 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.134 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

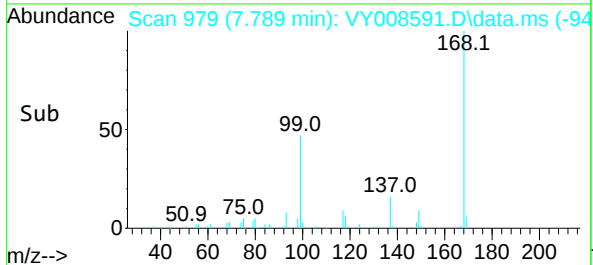
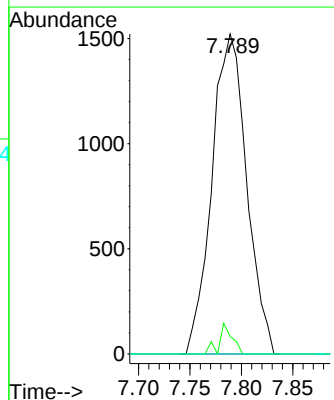
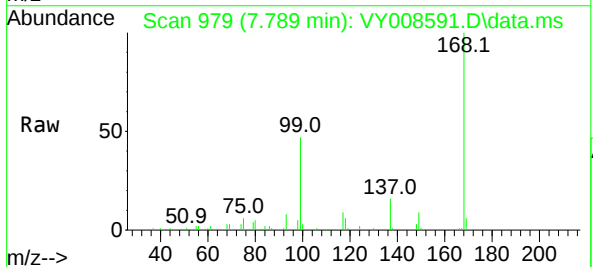
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

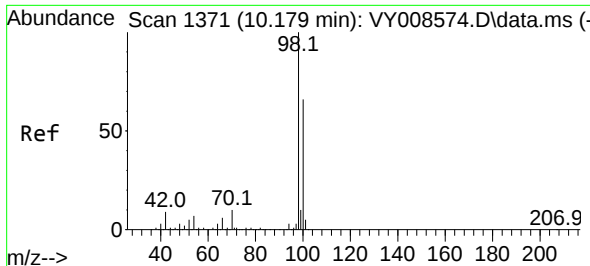
Tgt Ion: 75 Resp: 2625
Ion Ratio Lower Upper
75 100
110 5.9 17.1 51.2#
77 0.0 24.4 36.6#



#38
Carbon Tetrachloride
Concen: 5.227 ug/l
RT: 7.789 min Scan# 979
Delta R.T. -0.110 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 117 Resp: 3580
Ion Ratio Lower Upper
117 100
119 5.5 77.9 116.9#
121 0.0 24.8 37.2#

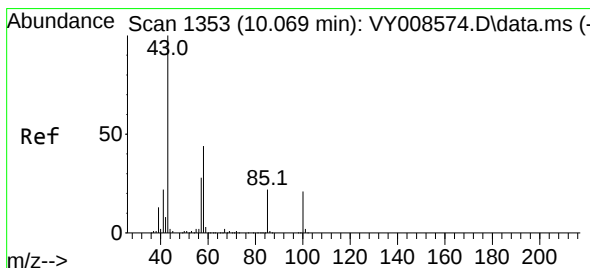
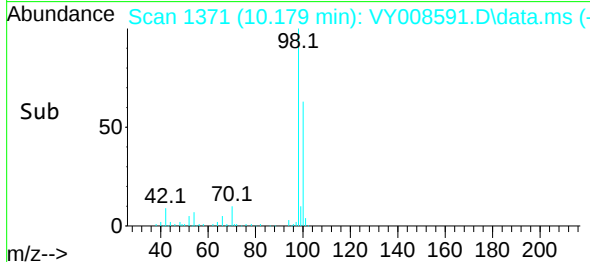
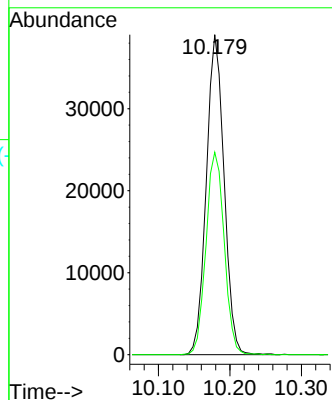
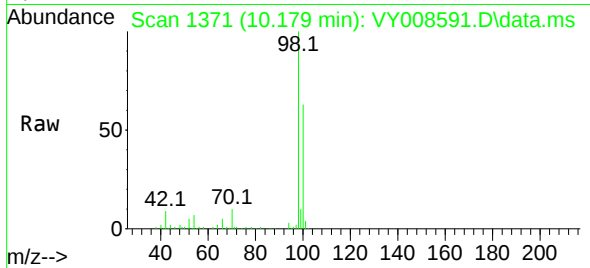




#50
Toluene-d8
Concen: 49.209 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

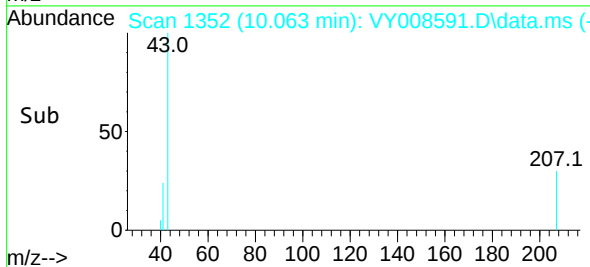
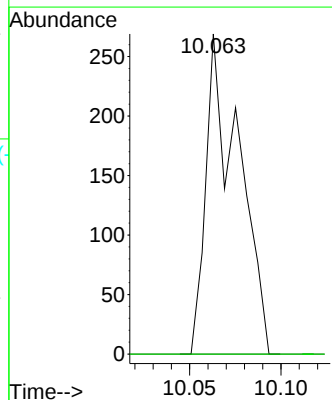
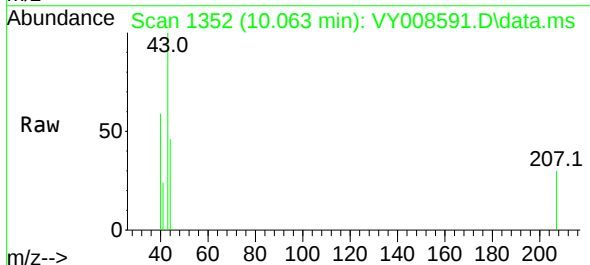
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

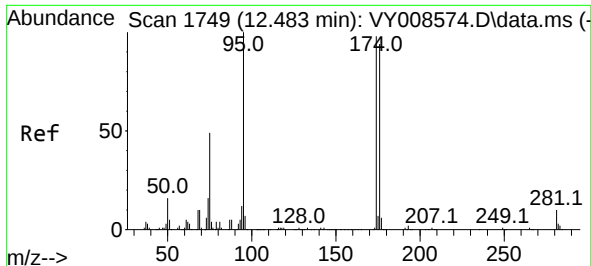
Tgt Ion: 98 Resp: 67308
Ion Ratio Lower Upper
98 100
100 64.9 50.2 75.2



#51
4-Methyl-2-Pentanone
Concen: 1.133 ug/l
RT: 10.063 min Scan# 1352
Delta R.T. -0.006 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 43 Resp: 333
Ion Ratio Lower Upper
43 100
58 0.0 28.1 42.1#

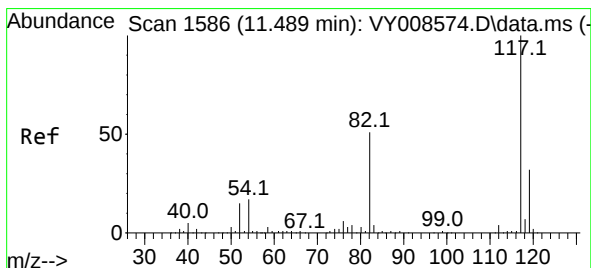
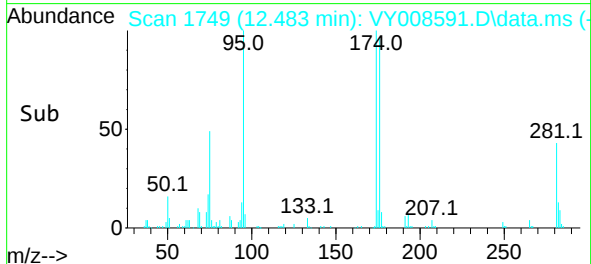
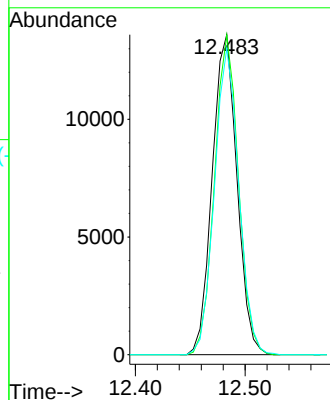
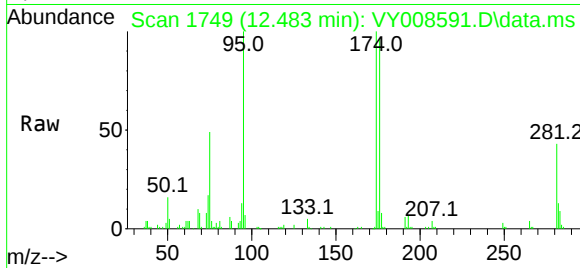




#62
4-Bromofluorobenzene
Concen: 42.493 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

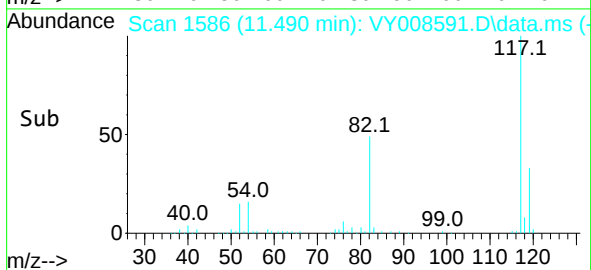
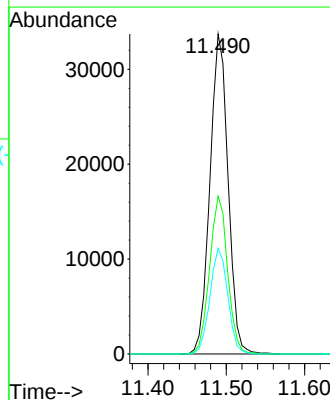
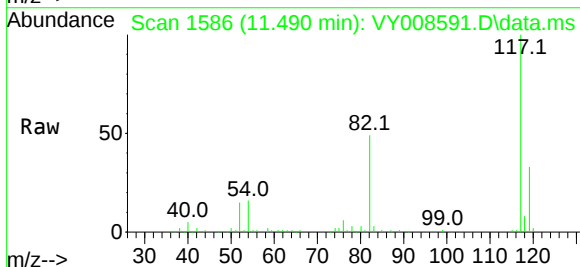
Instrument :
MSVOA_Y
ClientSampleId :
MH-18S

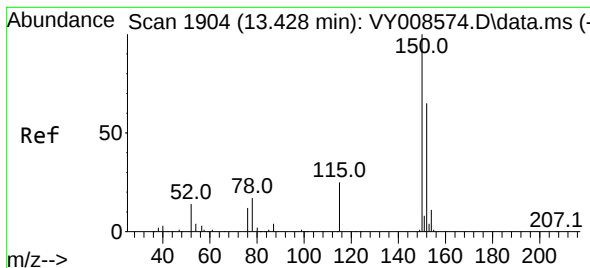
Tgt Ion: 95 Resp: 21303
Ion Ratio Lower Upper
95 100
174 96.9 0.0 177.0
176 94.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008591.D
Acq: 03 May 2022 14:55

Tgt Ion: 117 Resp: 54119
Ion Ratio Lower Upper
117 100
82 49.3 43.0 64.4
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY008591.D

Acq: 03 May 2022 14:55

Instrument :

MSVOA_Y

ClientSampleId :

MH-18S

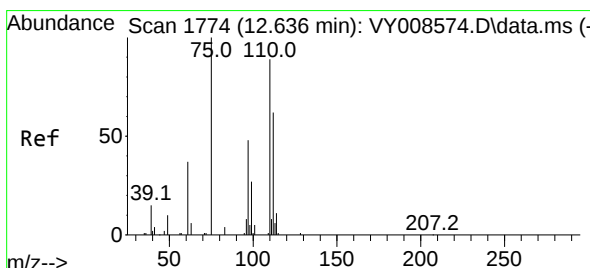
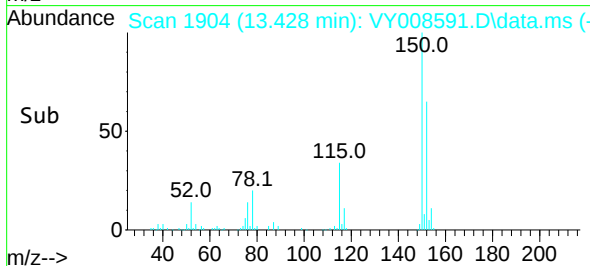
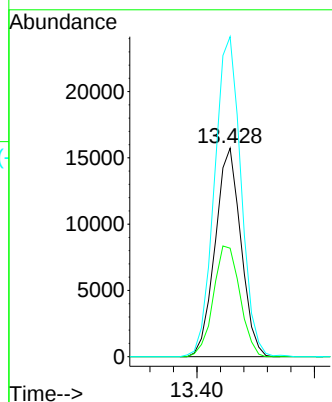
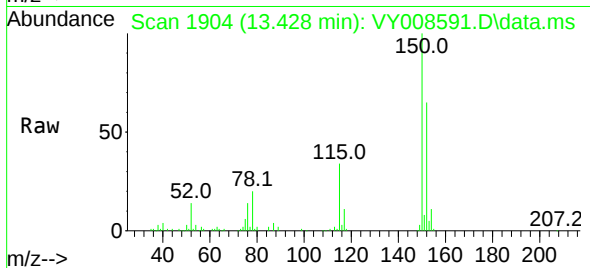
Tgt Ion:152 Resp: 23963

Ion Ratio Lower Upper

152 100

115 54.7 28.2 84.7

150 157.8 0.0 347.6



#76

1,2,3-Trichloropropane

Concen: 41.767 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.152 min

Lab File: VY008591.D

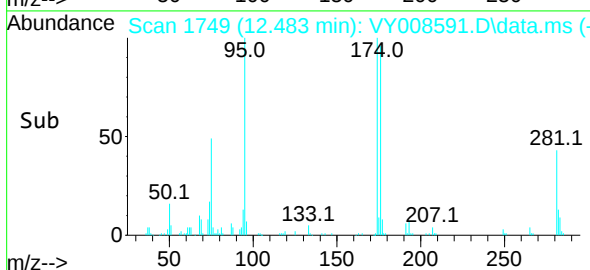
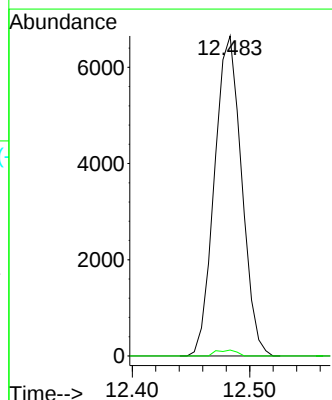
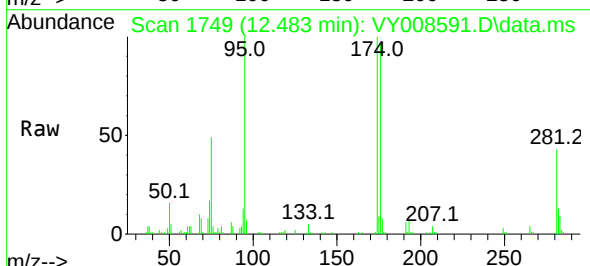
Acq: 03 May 2022 14:55

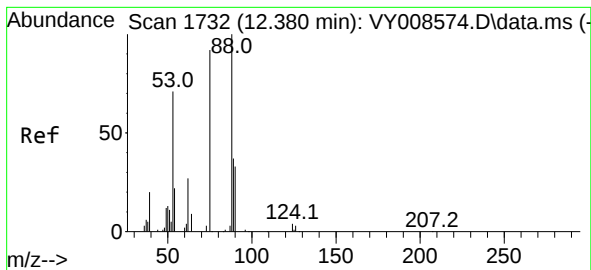
Tgt Ion: 75 Resp: 10684

Ion Ratio Lower Upper

75 100

77 1.4 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 84.679 ug/l
 RT: 12.483 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY008591.D
 Acq: 03 May 2022 14:55

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-18S

Tgt Ion: 75 Resp: 10684
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 0.0 37.0 55.4#

