

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061722\
 Data File : VY009226.D
 Acq On : 17 Jun 2022 14:54
 Operator : KP/MD
 Sample : N3383-04
 Misc : 7.11g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :

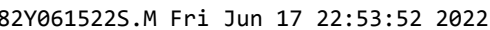
Quant Time: Jun 17 22:53:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

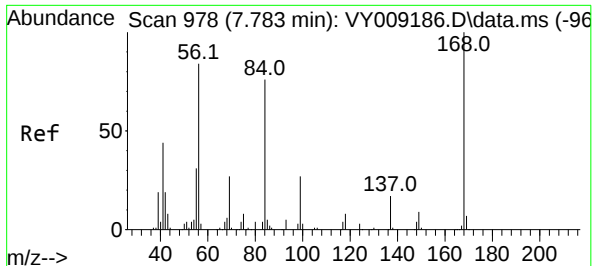
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.783	168	182589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	323723	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	300421	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	141842	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112568	59.019	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 118.040%			
35) Dibromofluoromethane	7.710	113	101222	49.872	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 99.740%			
50) Toluene-d8	10.179	98	382942	49.565	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.120%			
62) 4-Bromofluorobenzene	12.477	95	138086	50.295	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 100.600%			
Target Compounds			Qvalue			
11) Tert butyl alcohol	4.954	59	408	1.348	ug/l #	77
13) Acrolein	3.972	56	20	Below Cal	#	14
16) Acetone	3.954	43	1864	3.880	ug/l #	82
18) Methyl Acetate	4.198	43	22	Below Cal	#	56
20) Methylene Chloride	4.704	84	2594	Below Cal	#	86
31) Cyclohexane	7.783	56	3971	1.162	ug/l #	13
36) 1,1-Dichloropropene	7.777	75	13828	4.429	ug/l #	51
38) Carbon Tetrachloride	7.783	117	17506	5.423	ug/l #	15
65) Chlorobenzene	11.514	112	13766	2.115	ug/l	93
76) 1,2,3-Trichloropropane	12.477	75	78335	50.017	ug/l #	100
81) trans-1,4-Dichloro-2-b...	12.477	75	78335	99.678	ug/l #	9

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

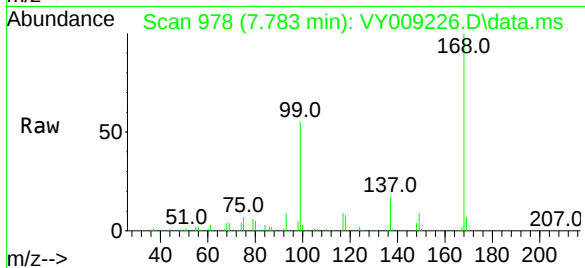
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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
Quant Title : SW846 8260
QLast Update : Thu Jun 16 02:54:06 2022
Response via : Initial Calibration



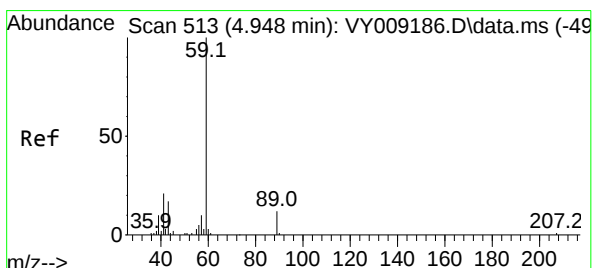
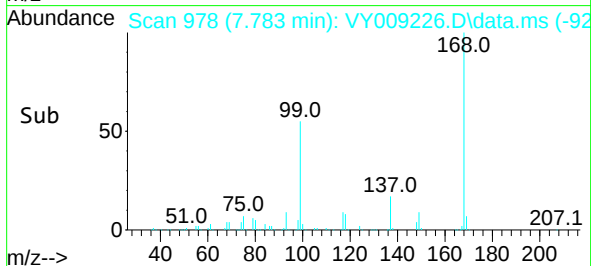
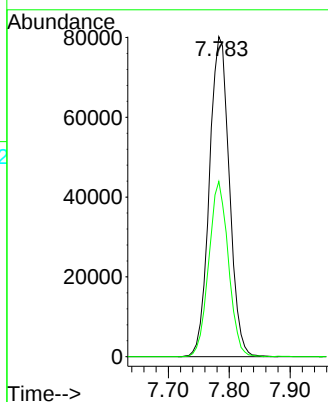


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :

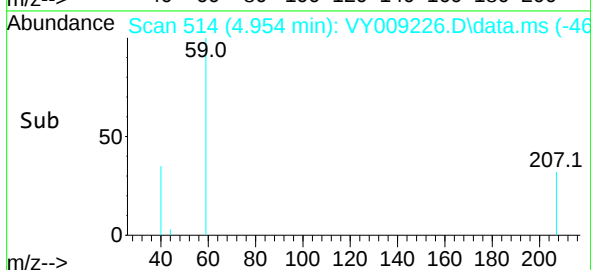
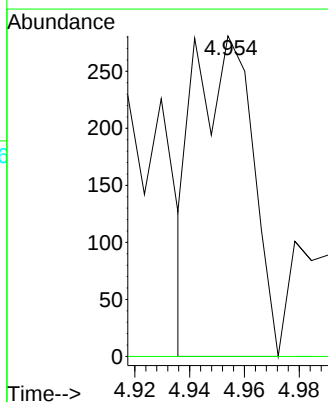
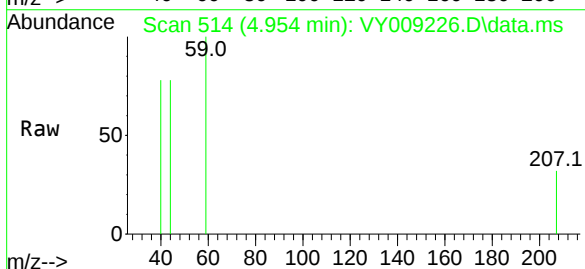


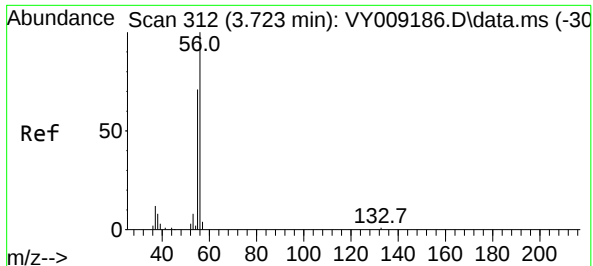
Tgt Ion:168 Resp: 182589
Ion Ratio Lower Upper
168 100
99 54.7 46.9 70.3



#11
Tert butyl alcohol
Concen: 1.348 ug/l
RT: 4.954 min Scan# 514
Delta R.T. 0.006 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

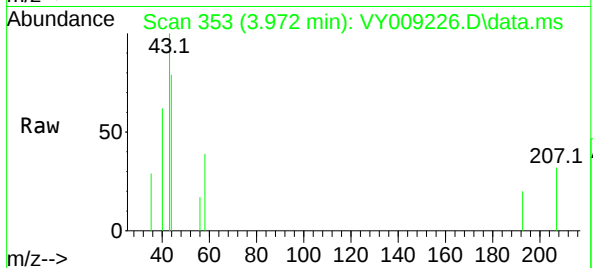
Tgt Ion: 59 Resp: 408
Ion Ratio Lower Upper
59 100
57 0.0 6.4 9.6#



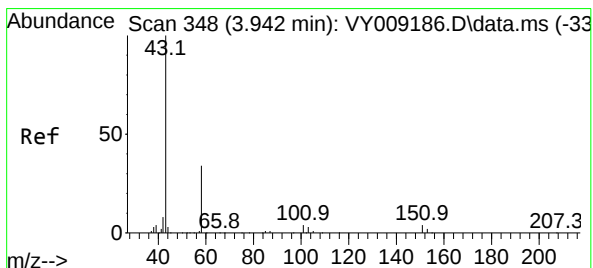
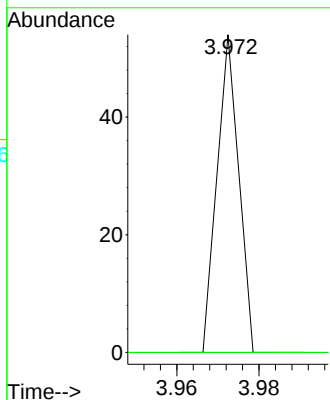
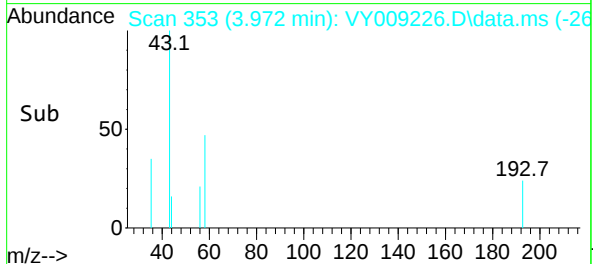


#13
Acrolein
Concen: Below Cal
RT: 3.972 min Scan# 312
Delta R.T. 0.249 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

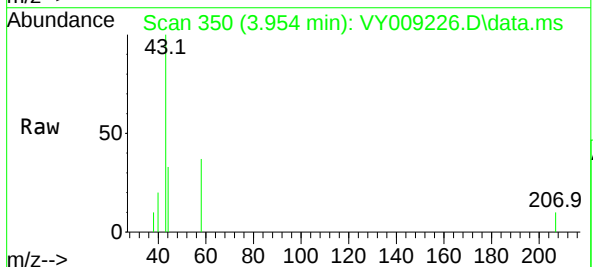
Instrument :
MSVOA_Y
ClientSampleId :



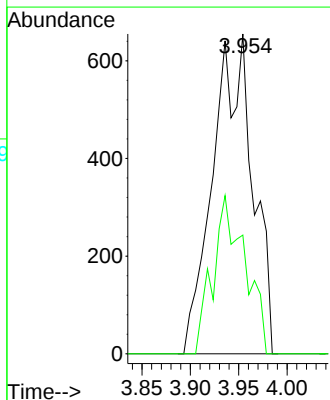
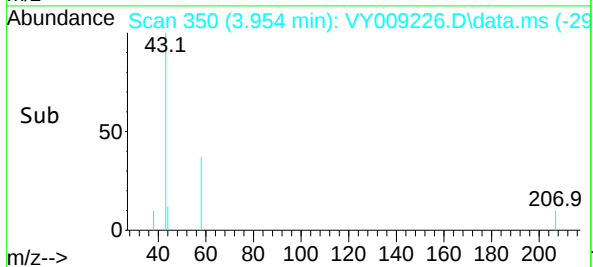
Tgt Ion: 56 Resp: 20
Ion Ratio Lower Upper
56 100
55 0.0 57.6 86.4#

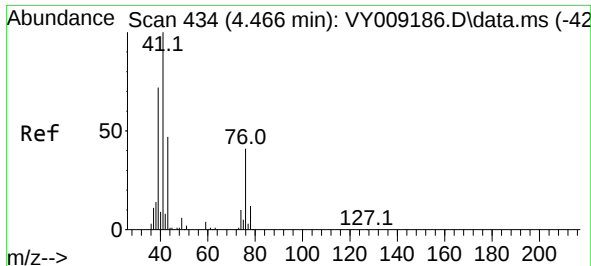


#16
Acetone
Concen: 3.880 ug/l
RT: 3.954 min Scan# 350
Delta R.T. 0.012 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54



Tgt Ion: 43 Resp: 1864
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#

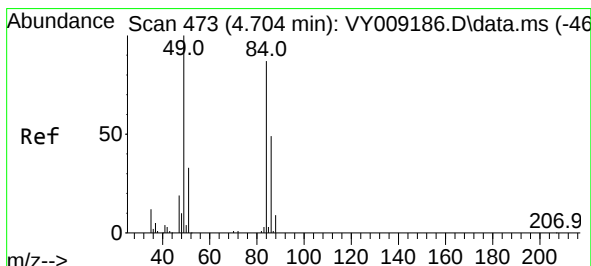
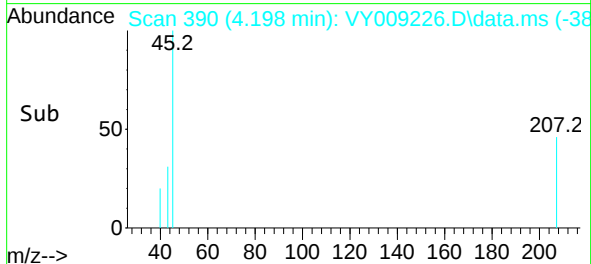
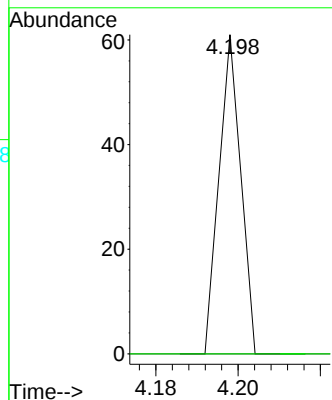
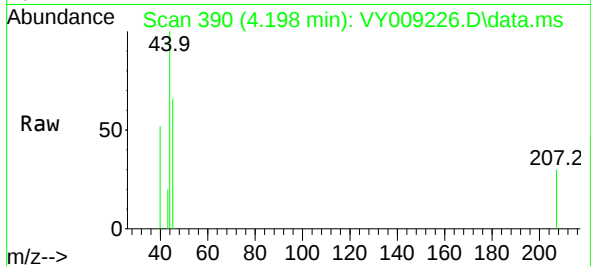




#18
Methyl Acetate
Concen: Below Cal
RT: 4.198 min Scan# 390
Delta R.T. -0.268 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

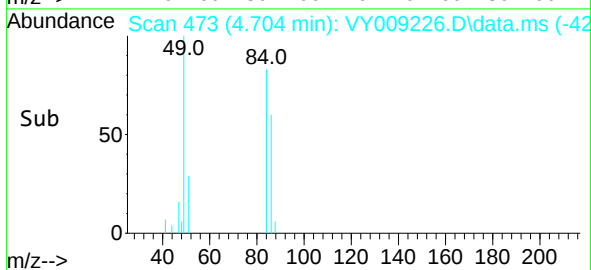
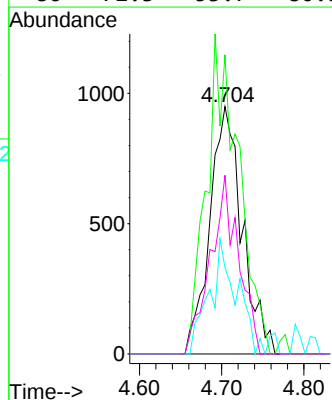
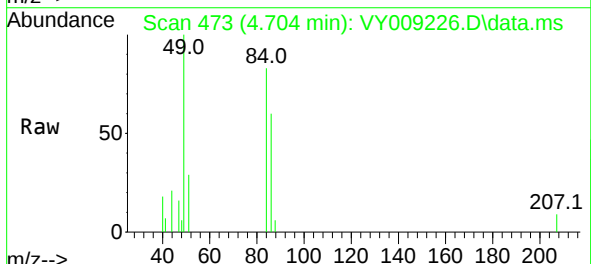
Instrument :
MSVOA_Y
ClientSampleId :

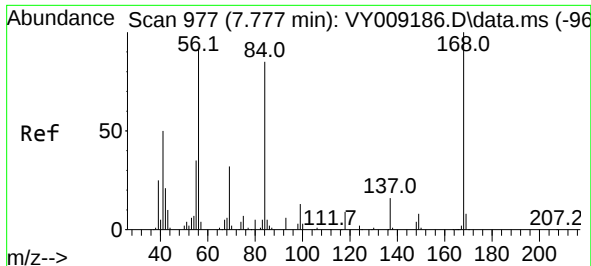
Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 24.8#



#20
Methylene Chloride
Concen: Below Cal
RT: 4.704 min Scan# 473
Delta R.T. 0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

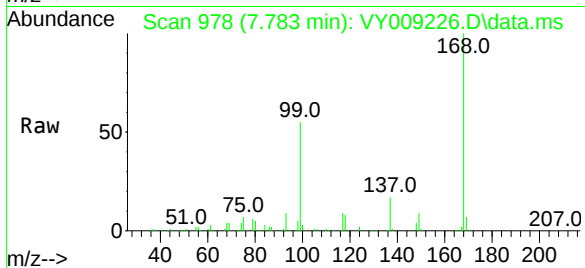
Tgt Ion: 84 Resp: 2594
Ion Ratio Lower Upper
84 100
49 121.0 114.4 171.6
51 34.8 35.3 52.9#
86 72.3 53.7 80.5



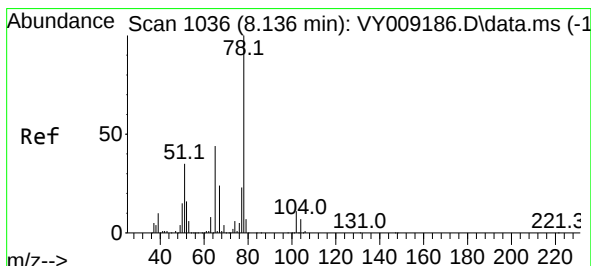
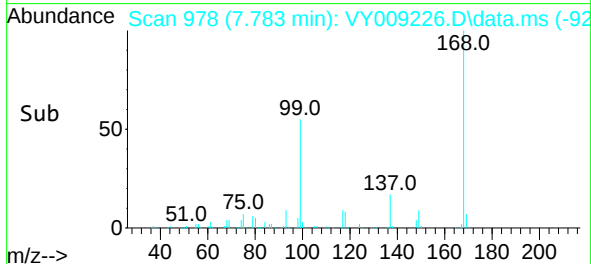
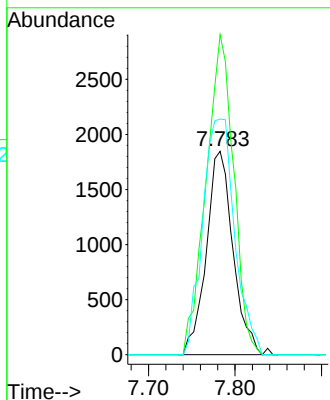


#31
Cyclohexane
Concen: 1.162 ug/l
RT: 7.783 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Instrument :
MSVOA_Y
ClientSampleId :

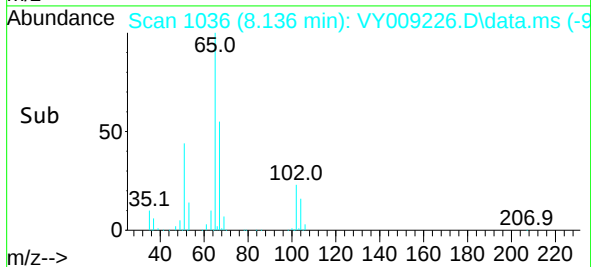
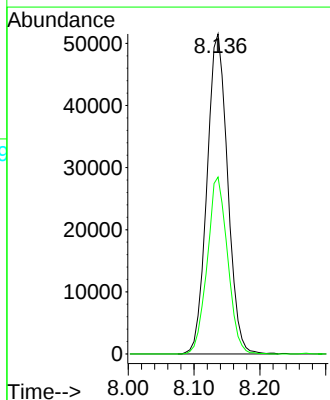
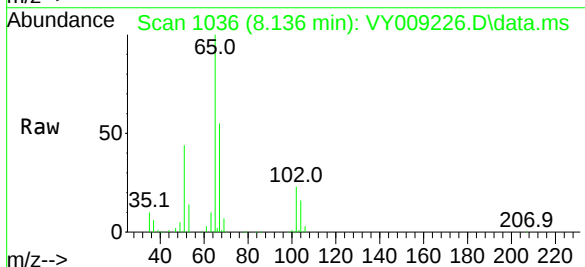


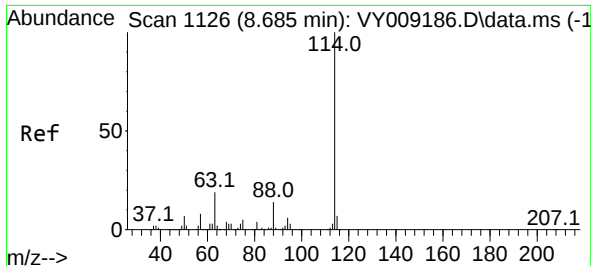
Tgt Ion: 56 Resp: 3971
Ion Ratio Lower Upper
56 100
69 157.3 26.7 40.1#
84 115.9 67.2 100.8#



#33
1,2-Dichloroethane-d4
Concen: 59.019 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Tgt Ion: 65 Resp: 112568
Ion Ratio Lower Upper
65 100
67 54.4 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: VY009226.D

Acq: 17 Jun 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

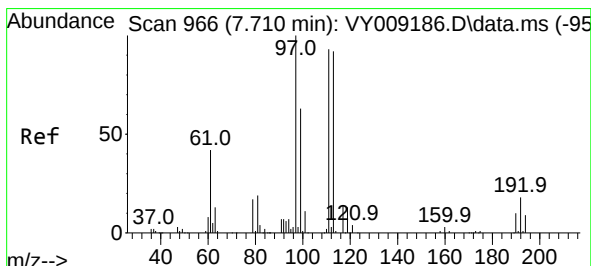
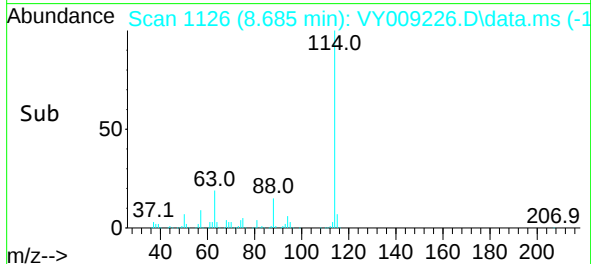
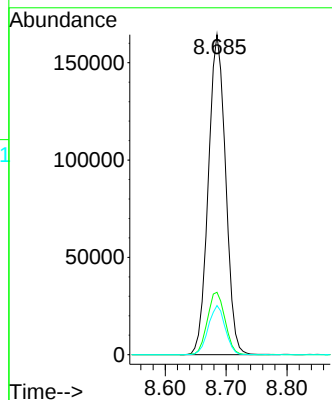
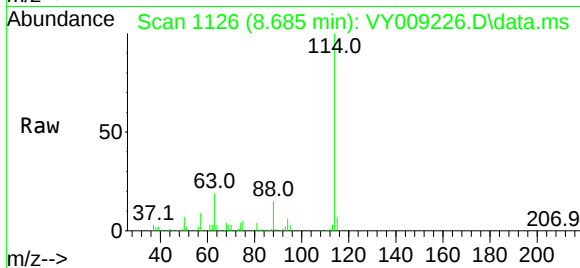
Tgt Ion:114 Resp: 323723

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 15.4 0.0 31.8



#35

Dibromofluoromethane

Concen: 49.872 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009226.D

Acq: 17 Jun 2022 14:54

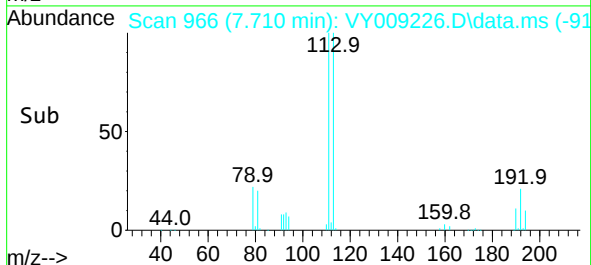
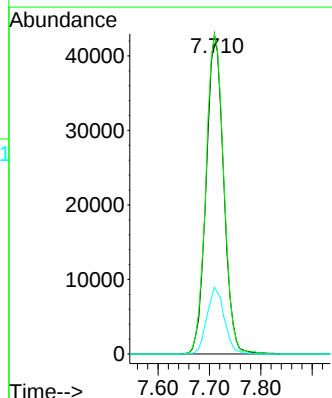
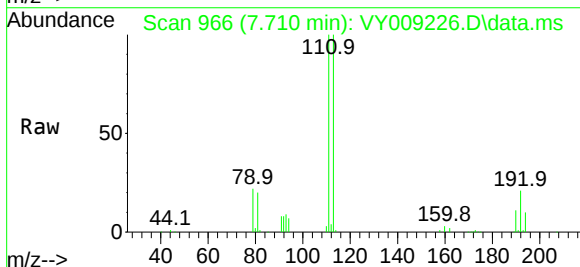
Tgt Ion:113 Resp: 101222

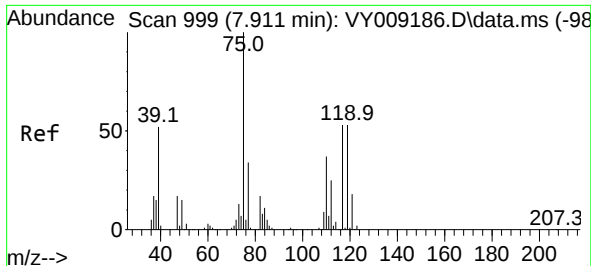
Ion Ratio Lower Upper

113 100

111 102.4 82.6 124.0

192 20.7 17.6 26.4





#36

1,1-Dichloropropene

Concen: 4.429 ug/l

RT: 7.777 min Scan# 91

Delta R.T. -0.134 min

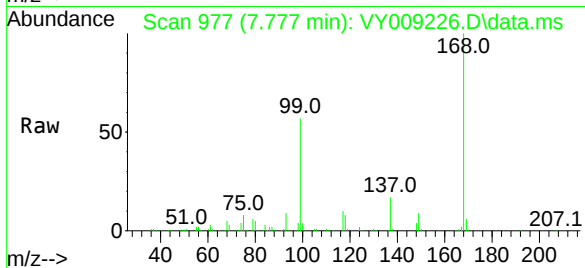
Lab File: VY009226.D

Acq: 17 Jun 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :



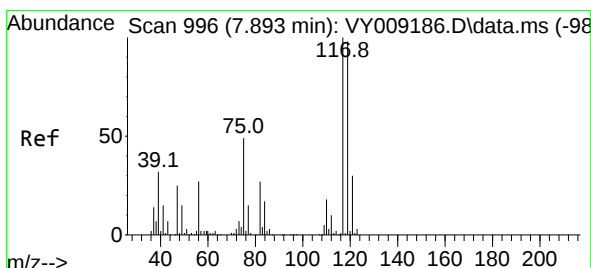
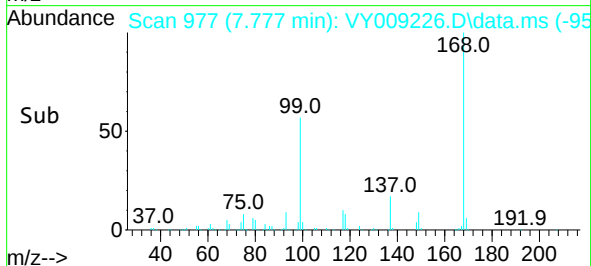
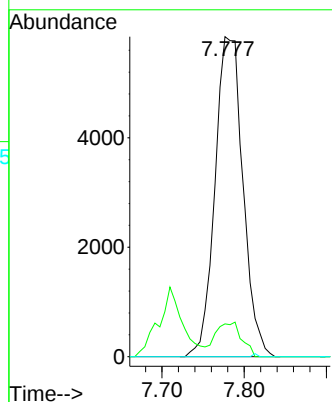
Tgt Ion: 75 Resp: 13828

Ion Ratio Lower Upper

75 100

110 10.0 17.1 51.2#

77 0.0 24.4 36.6#



#38

Carbon Tetrachloride

Concen: 5.423 ug/l

RT: 7.783 min Scan# 978

Delta R.T. -0.110 min

Lab File: VY009226.D

Acq: 17 Jun 2022 14:54

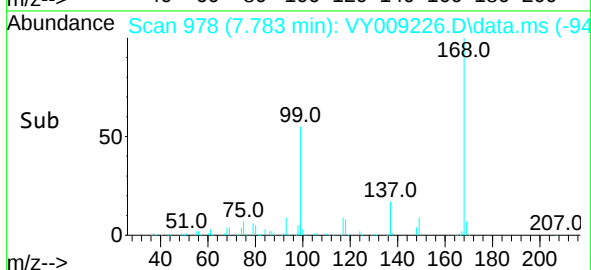
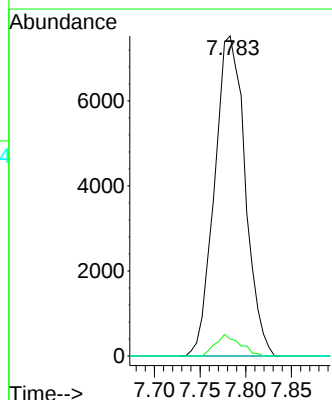
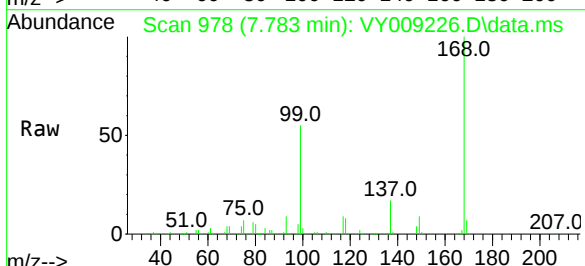
Tgt Ion: 117 Resp: 17506

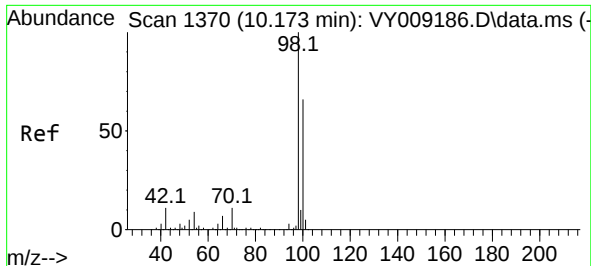
Ion Ratio Lower Upper

117 100

119 5.3 77.9 116.9#

121 0.0 24.8 37.2#

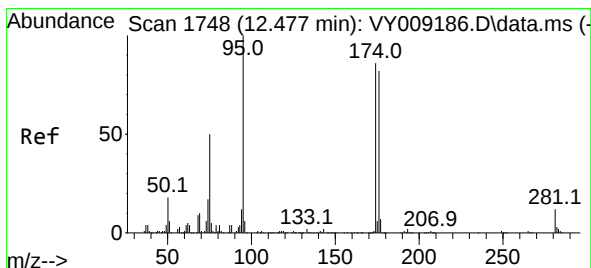
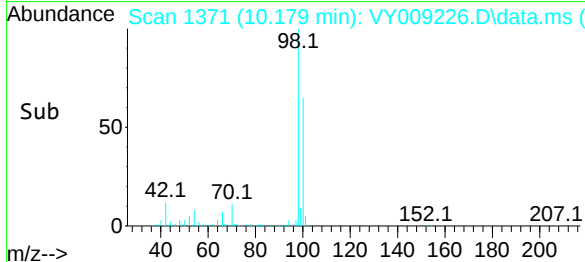
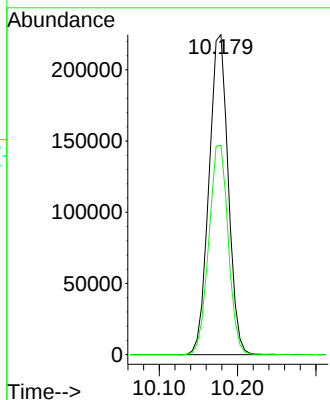
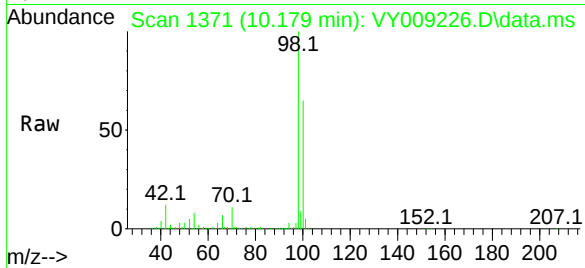




#50
Toluene-d8
Concen: 49.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

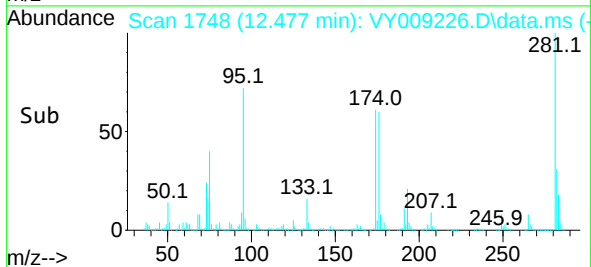
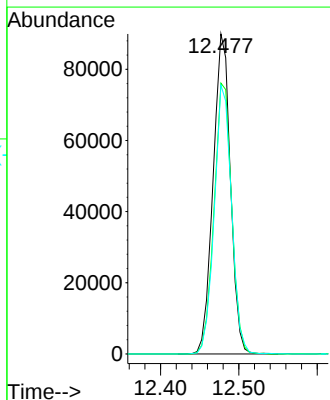
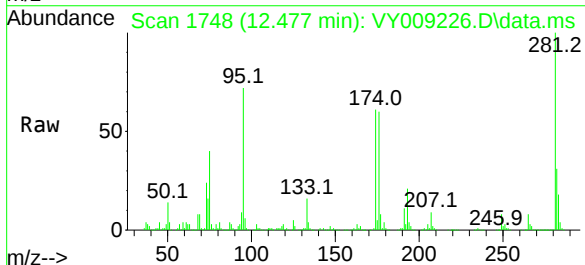
Instrument :
MSVOA_Y
ClientSampleId :

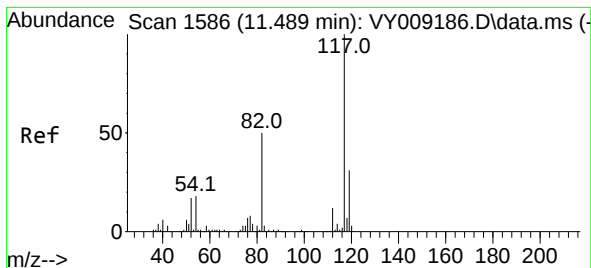
Tgt Ion: 98 Resp: 382942
Ion Ratio Lower Upper
98 100
100 66.2 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 50.295 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

Tgt Ion: 95 Resp: 138086
Ion Ratio Lower Upper
95 100
174 85.9 0.0 177.0
176 83.9 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: VY009226.D

Acq: 17 Jun 2022 14:54

Instrument :

MSVOA_Y

ClientSampleId :

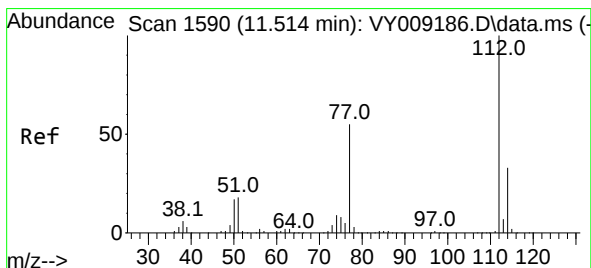
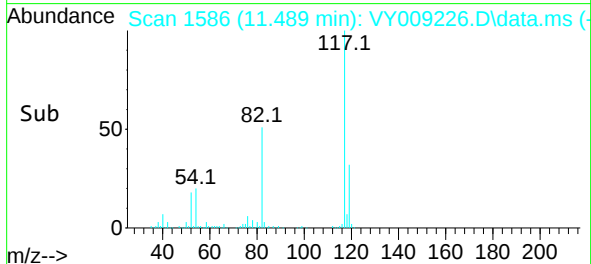
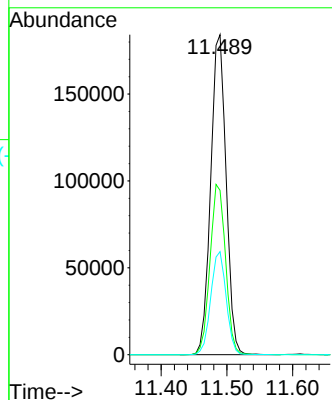
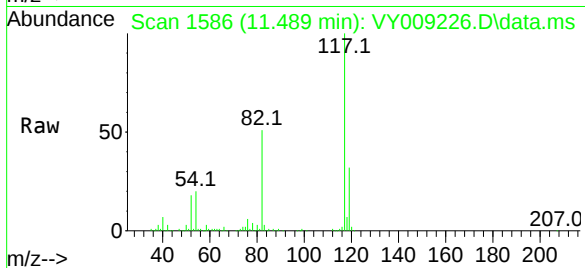
Tgt Ion:117 Resp: 300421

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 32.2 25.4 38.0



#65

Chlorobenzene

Concen: 2.115 ug/l

RT: 11.514 min Scan# 1590

Delta R.T. -0.000 min

Lab File: VY009226.D

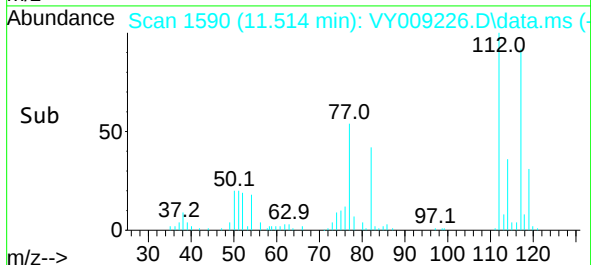
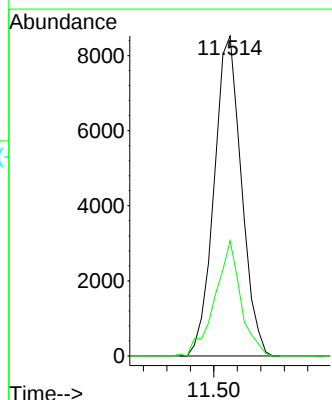
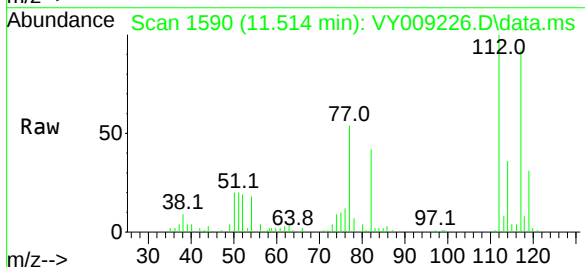
Acq: 17 Jun 2022 14:54

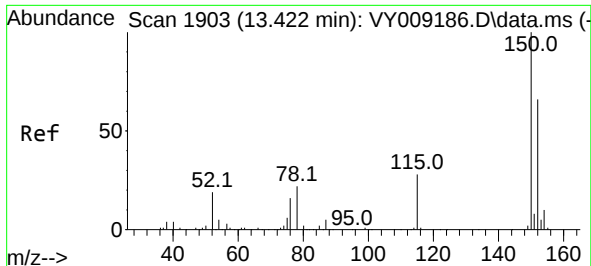
Tgt Ion:112 Resp: 13766

Ion Ratio Lower Upper

112 100

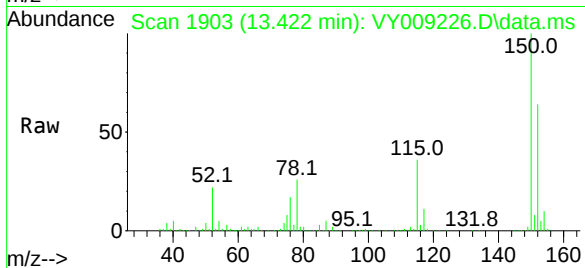
114 36.0 25.8 38.6



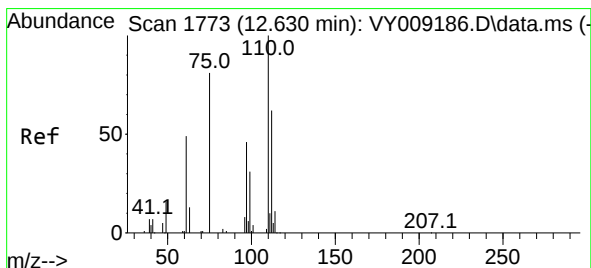
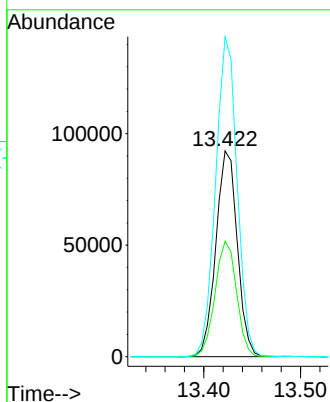
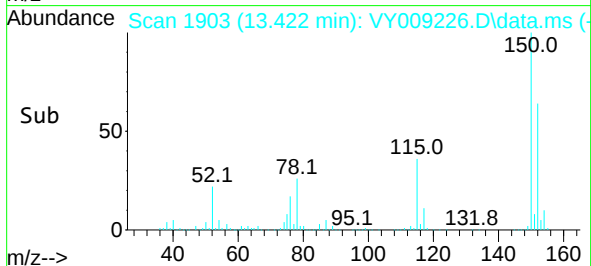


#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54

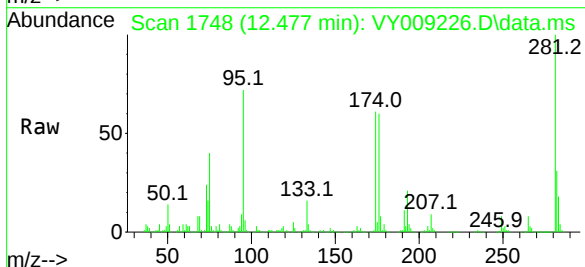
Instrument :
MSVOA_Y
ClientSampleId :



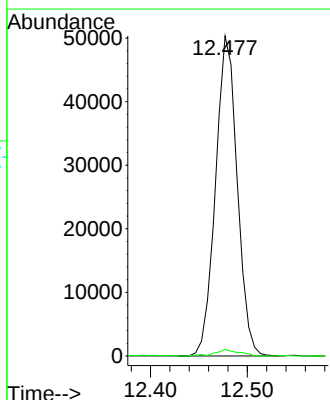
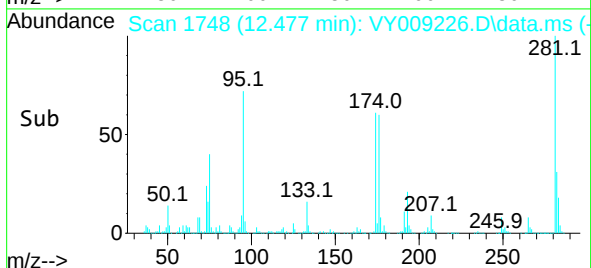
Tgt Ion:152 Resp: 141842
Ion Ratio Lower Upper
152 100
115 56.5 28.2 84.7
150 155.9 0.0 347.6

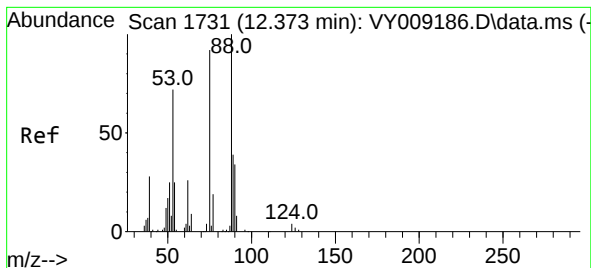


#76
1,2,3-Trichloropropane
Concen: 50.017 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.152 min
Lab File: VY009226.D
Acq: 17 Jun 2022 14:54



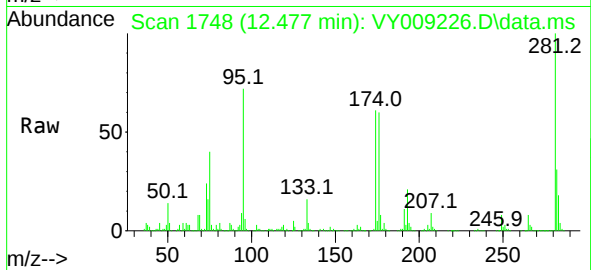
Tgt Ion: 75 Resp: 78335
Ion Ratio Lower Upper
75 100
77 2.3 0.0 0.0#





#81
 trans-1,4-Dichloro-2-butene
 Concen: 99.678 ug/l
 RT: 12.477 min Scan# 11
 Delta R.T. 0.104 min
 Lab File: VY009226.D
 Acq: 17 Jun 2022 14:54

Instrument :
 MSVOA_Y
 ClientSampleId :



Tgt Ion: 75 Resp: 78335
 Ion Ratio Lower Upper
 75 100
 53 0.0 85.3 127.9#
 89 3.3 37.0 55.4#

