

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008961.D
 Acq On : 21 May 2022 19:44
 Operator : KP/MD
 Sample : N2888-09
 Misc : 5.57g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P042-SS001-2430-01

Quant Time: May 21 21:32:33 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

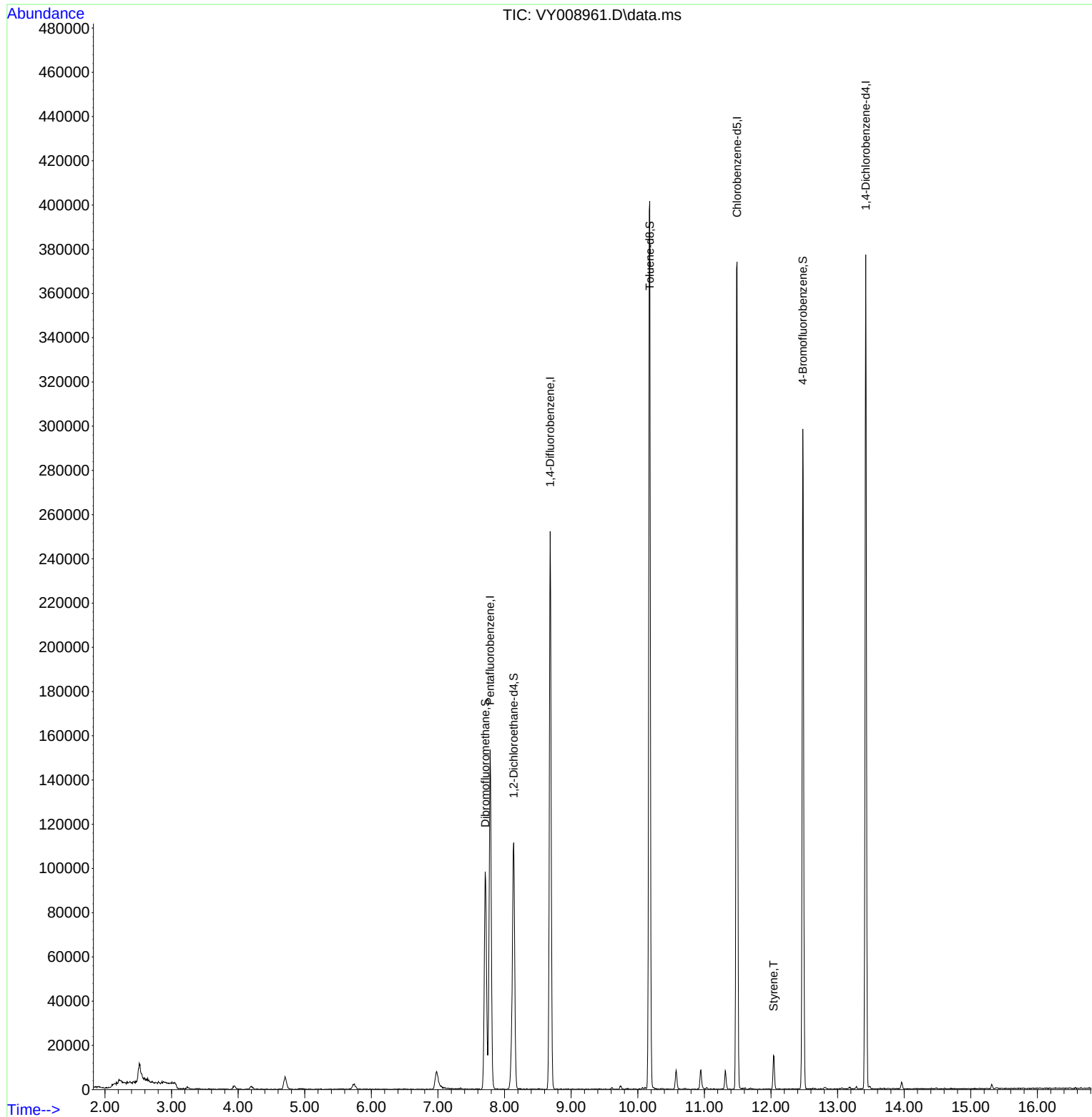
Internal Standards						
1) Pentafluorobenzene	7.783	168	112875	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	206192	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	195749	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87270	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	77915	67.070	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 134.140%	
35) Dibromofluoromethane	7.710	113	66475	51.845	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.680%	
50) Toluene-d8	10.179	98	258591	54.668	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.340%	
62) 4-Bromofluorobenzene	12.477	95	75985	39.822	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 79.640%	
Target Compounds						
					Qvalue	
70) Styrene	12.038	104	7137	1.360	ug/l #	87

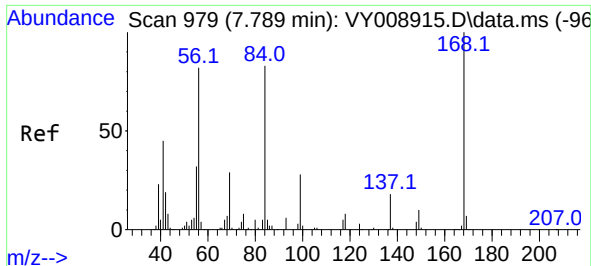
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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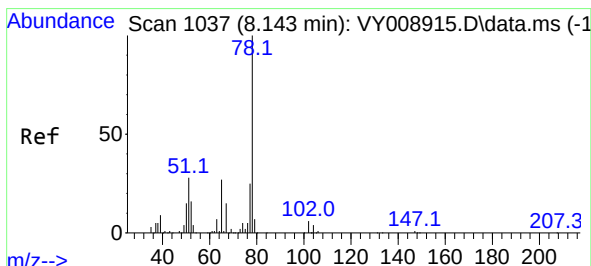
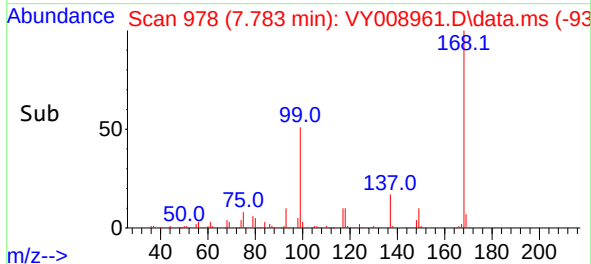
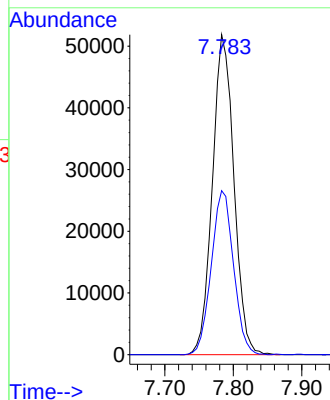
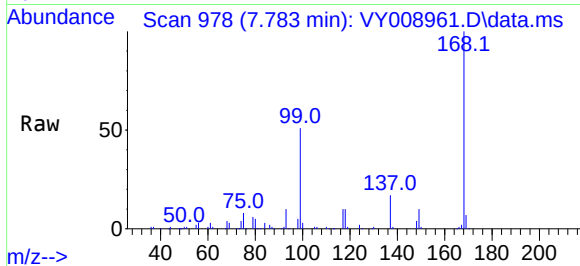




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

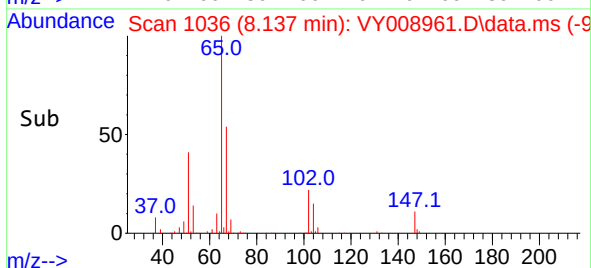
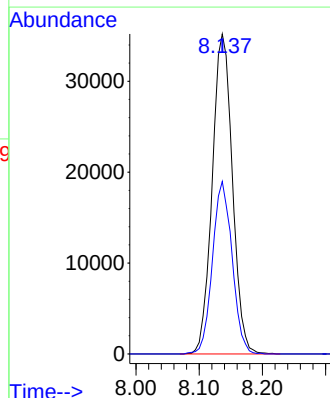
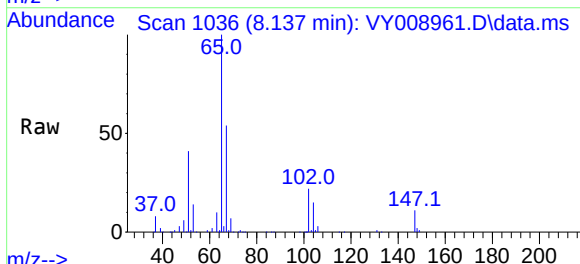
Instrument :
MSVOA_Y
ClientSampleId :
P042-SS001-2430-01

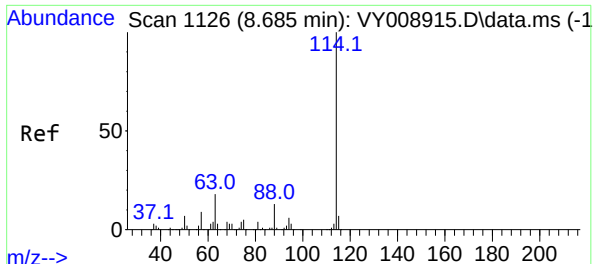
Tgt Ion:168 Resp: 112875
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 67.070 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 65 Resp: 77915
Ion Ratio Lower Upper
65 100
67 52.4 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: VY008961.D

Acq: 21 May 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-2430-01

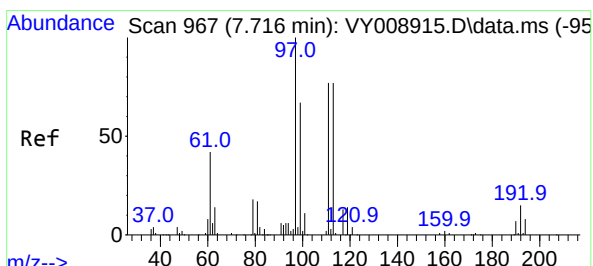
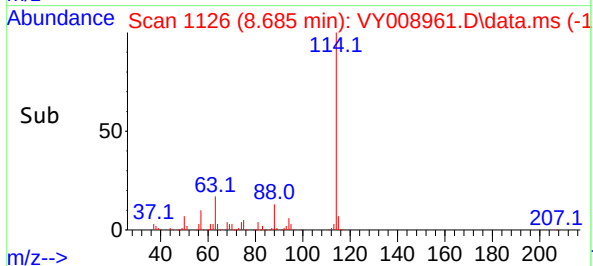
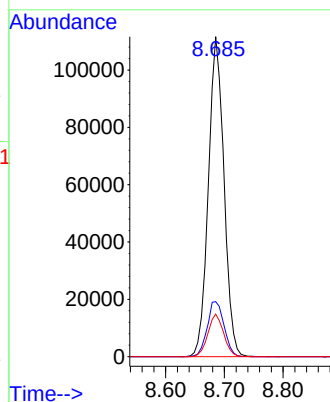
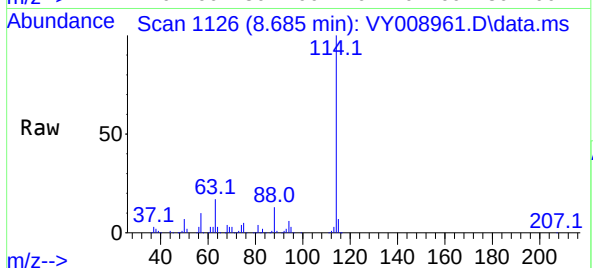
Tgt Ion:114 Resp: 206192

Ion Ratio Lower Upper

114 100

63 17.2 0.0 43.2

88 13.3 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.845 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY008961.D

Acq: 21 May 2022 19:44

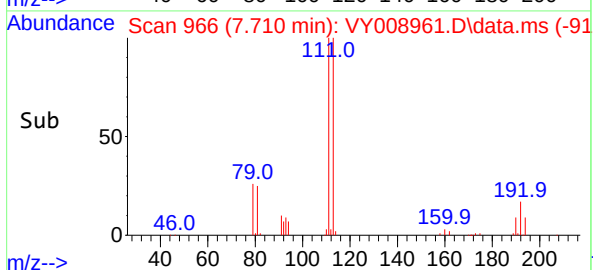
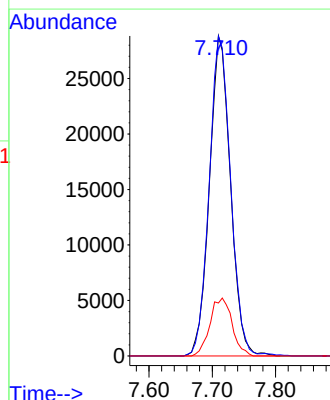
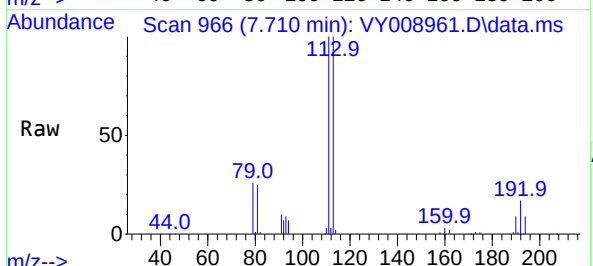
Tgt Ion:113 Resp: 66475

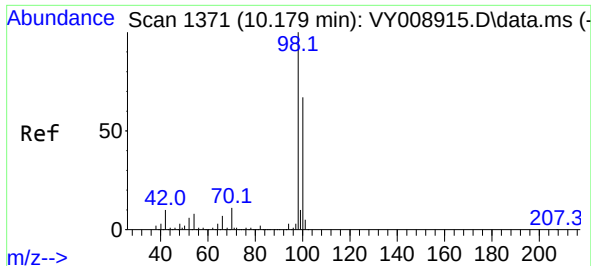
Ion Ratio Lower Upper

113 100

111 102.0 82.6 124.0

192 19.0 17.6 26.4

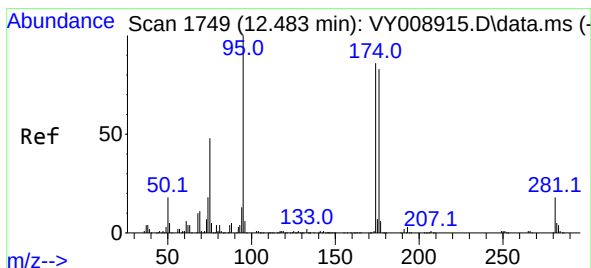
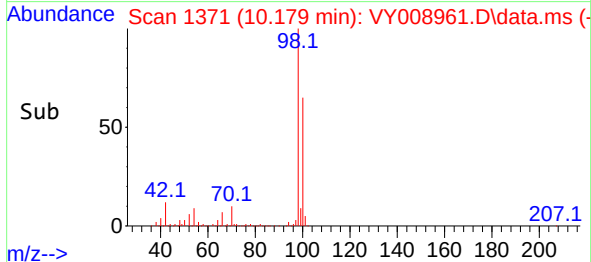
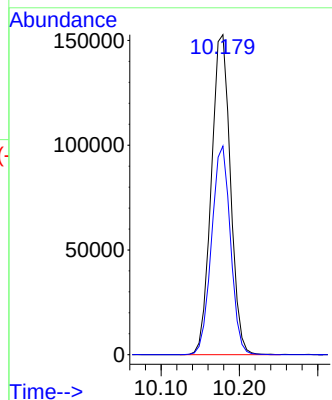
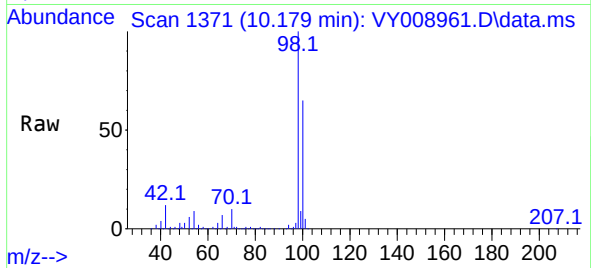




#50
Toluene-d8
Concen: 54.668 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

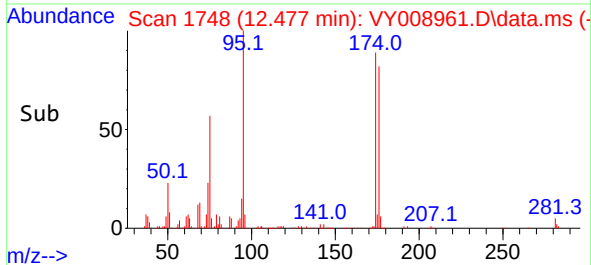
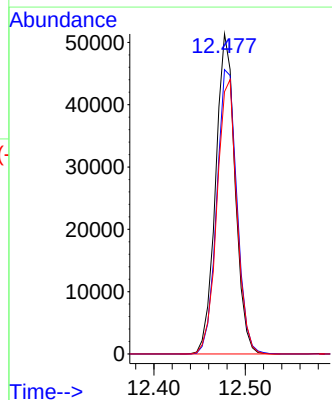
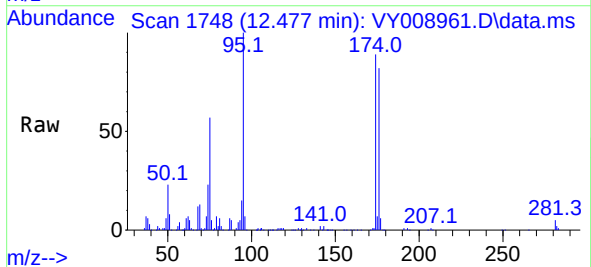
Instrument :
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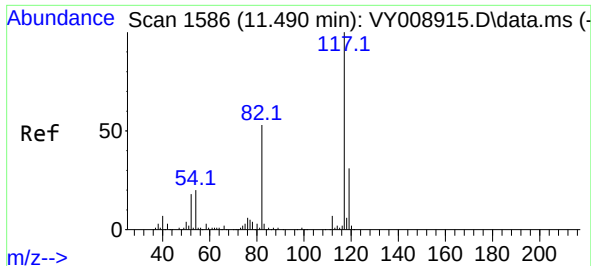
Tgt Ion: 98 Resp: 258591
Ion Ratio Lower Upper
98 100
100 64.5 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 39.822 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion: 95 Resp: 75985
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 87.5 0.0 175.8

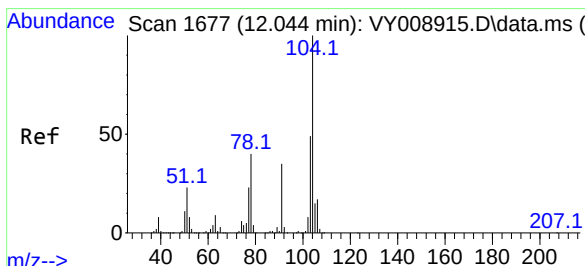
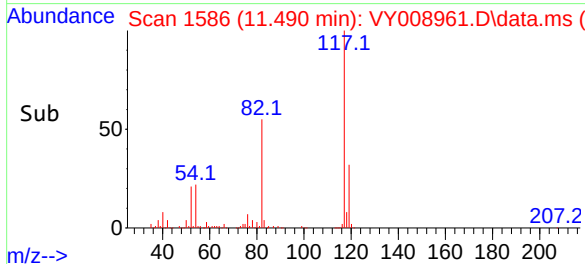
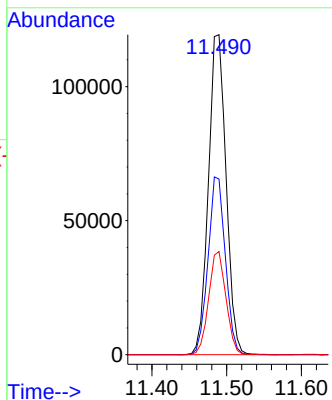
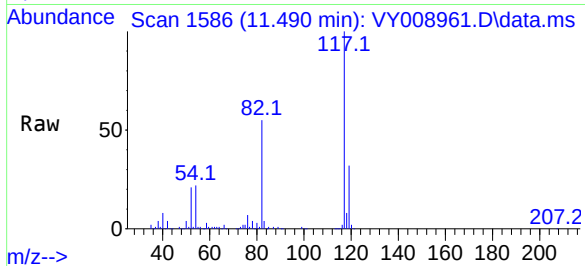




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

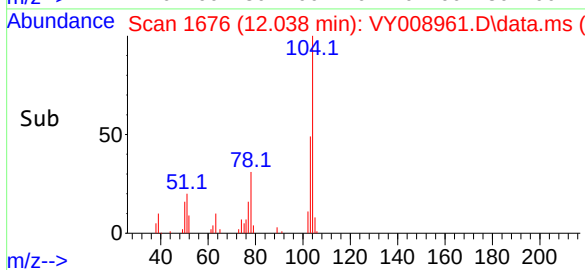
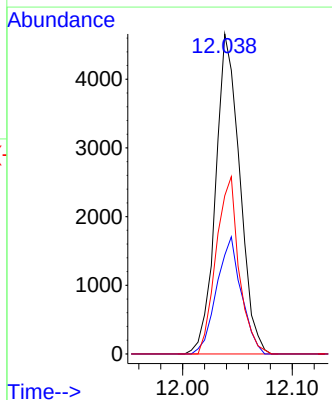
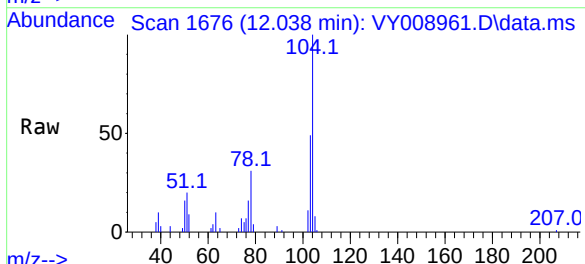
Instrument :
MSVOA_Y
ClientSampleId :
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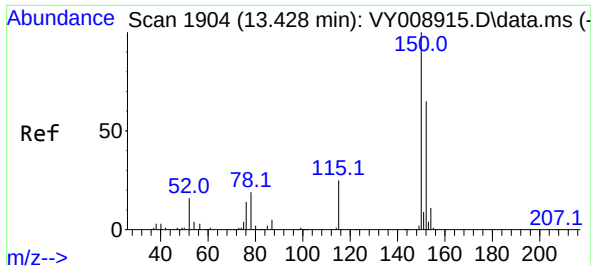
Tgt Ion:	117	Resp:	195749
Ion	Ratio	Lower	Upper
117	100		
82	54.9	43.0	64.4
119	32.3	25.4	38.0



#70
Styrene
Concen: 1.360 ug/l
RT: 12.038 min Scan# 1676
Delta R.T. -0.006 min
Lab File: VY008961.D
Acq: 21 May 2022 19:44

Tgt Ion:	104	Resp:	7137
Ion	Ratio	Lower	Upper
104	100		
78	37.4	42.4	63.6#
103	52.6	44.4	66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY008961.D

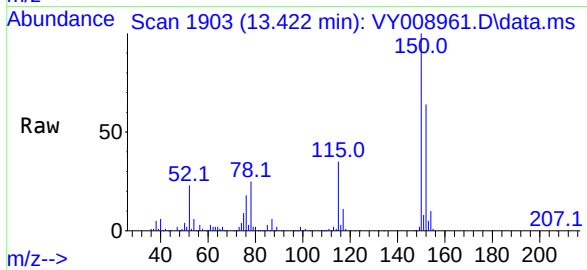
Acq: 21 May 2022 19:44

Instrument :

MSVOA_Y

ClientSampleId :

P042-SS001-2430-01



Tgt Ion:152 Resp: 87270

Ion Ratio Lower Upper

152 100

115 55.9 28.2 84.7

150 158.1 0.0 347.6

