

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008942.D
 Acq On : 21 May 2022 12:19
 Operator : KP/MD
 Sample : N2919-24
 Misc : 4.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS005-0006-01

Quant Time: May 21 21:28:35 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)

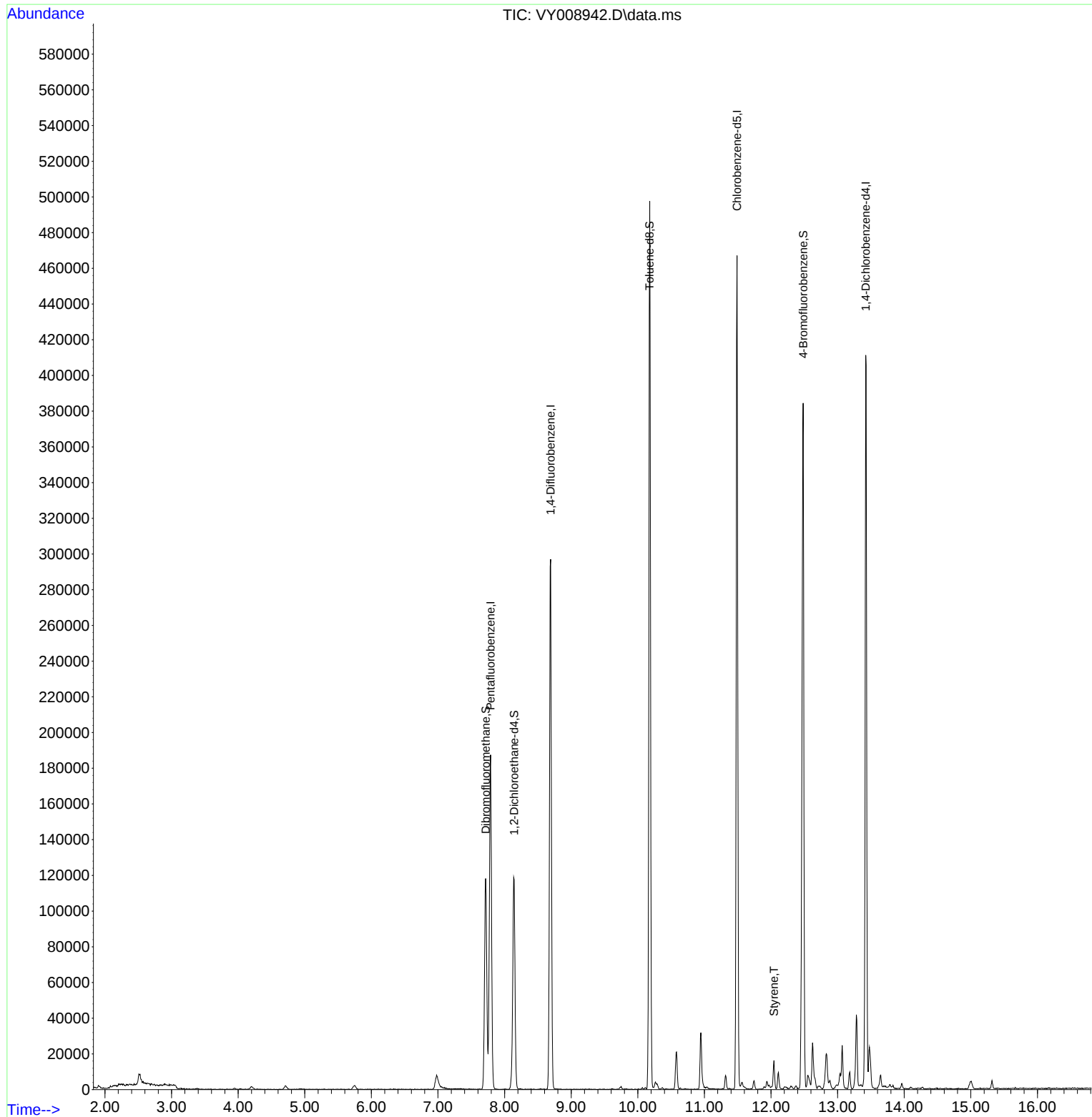
Internal Standards						
1) Pentafluorobenzene	7.789	168	142707	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	254739	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	240155	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	101328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	88140	60.012	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	120.020%	
35) Dibromofluoromethane	7.716	113	81575	51.497	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	103.000%	
50) Toluene-d8	10.178	98	317575	54.343	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	108.680%	
62) 4-Bromofluorobenzene	12.483	95	96720	41.029	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	82.060%	
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	6899	1.071	ug/l #	84

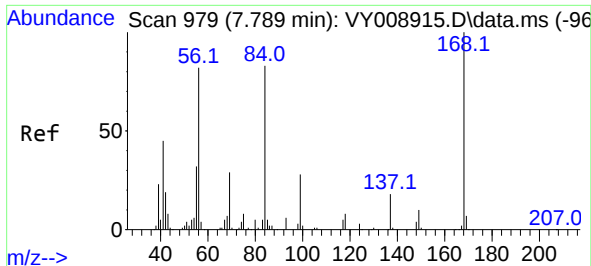
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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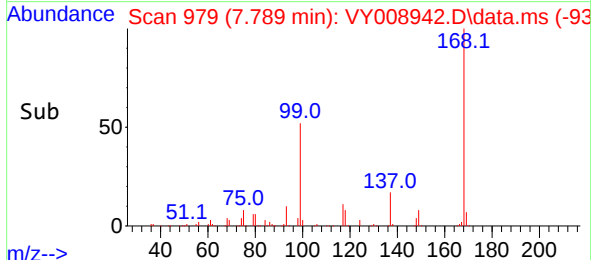
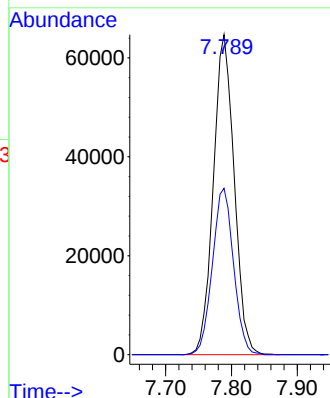
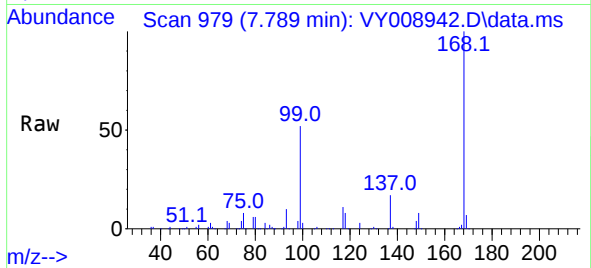




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

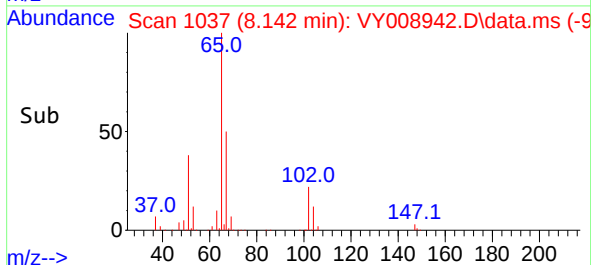
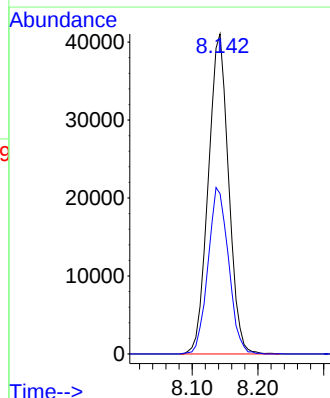
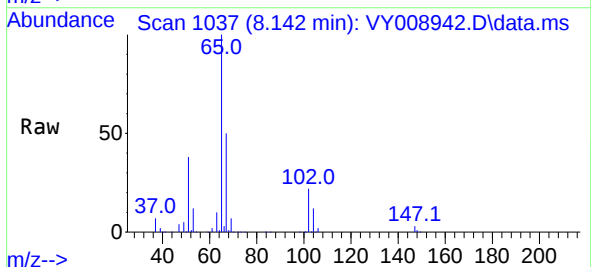
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

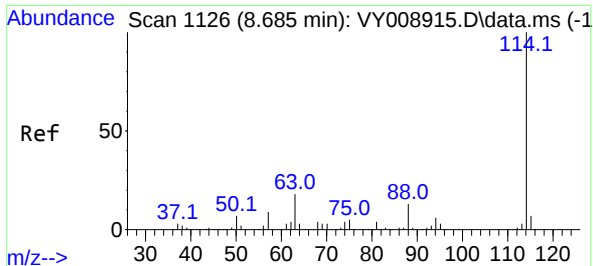
Tgt Ion:168 Resp: 142707
Ion Ratio Lower Upper
168 100
99 52.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 60.012 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 65 Resp: 88140
Ion Ratio Lower Upper
65 100
67 52.6 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

Instrument :

MSVOA_Y

ClientSampleId :

P015-SS005-0006-01

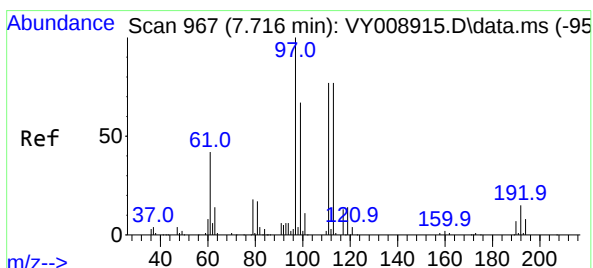
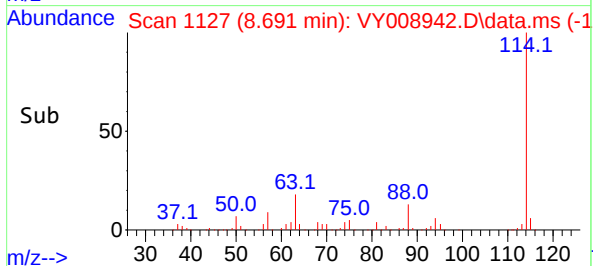
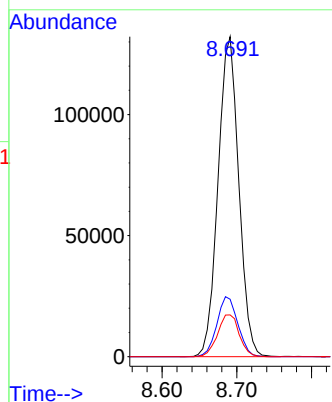
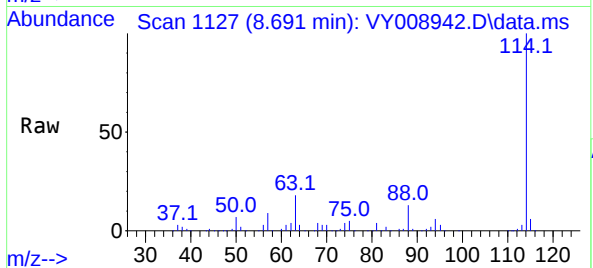
Tgt Ion:114 Resp: 254739

Ion Ratio Lower Upper

114 100

63 17.9 0.0 43.2

88 13.0 0.0 31.8



#35

Dibromofluoromethane

Concen: 51.497 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008942.D

Acq: 21 May 2022 12:19

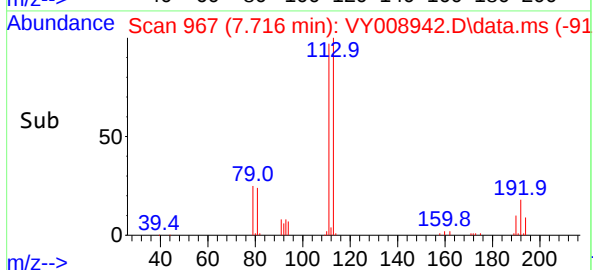
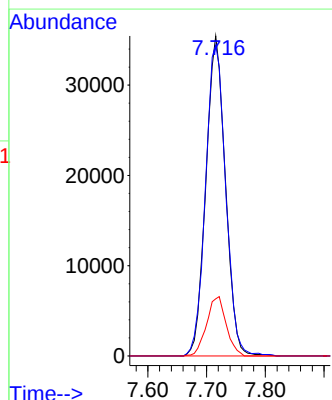
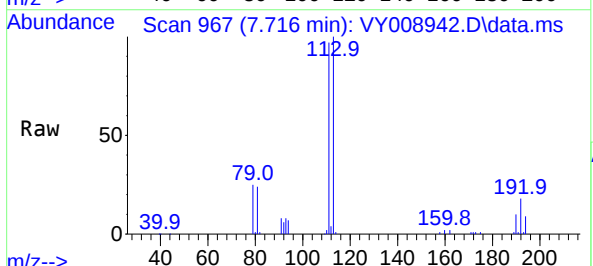
Tgt Ion:113 Resp: 81575

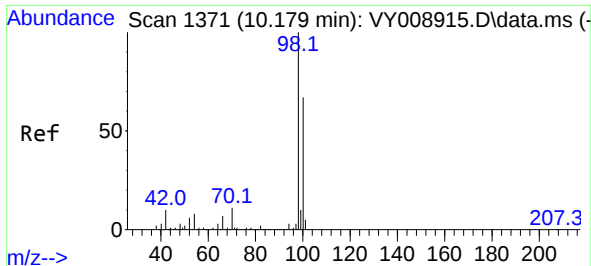
Ion Ratio Lower Upper

113 100

111 101.0 82.6 124.0

192 18.7 17.6 26.4

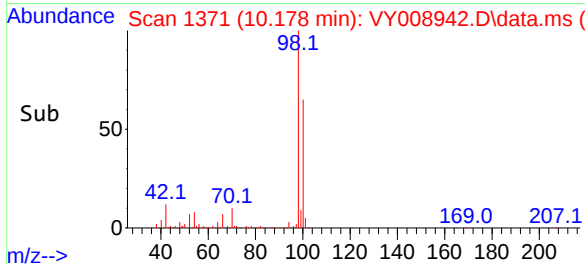
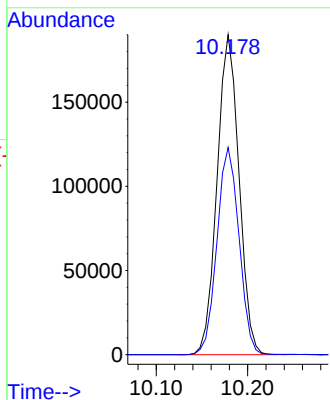
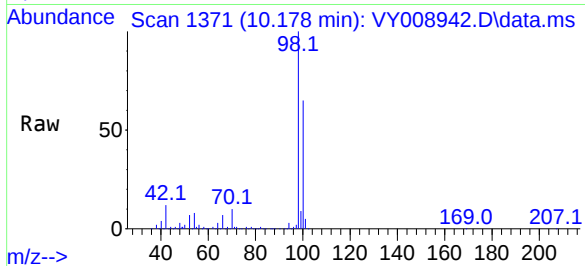




#50
Toluene-d8
Concen: 54.343 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

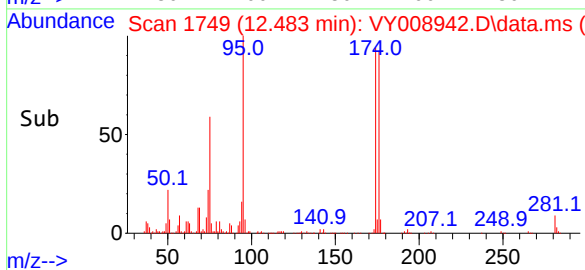
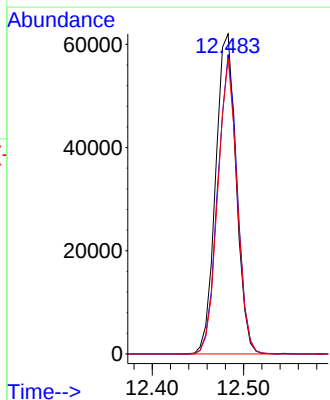
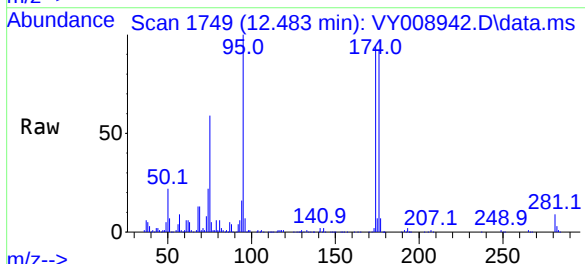
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

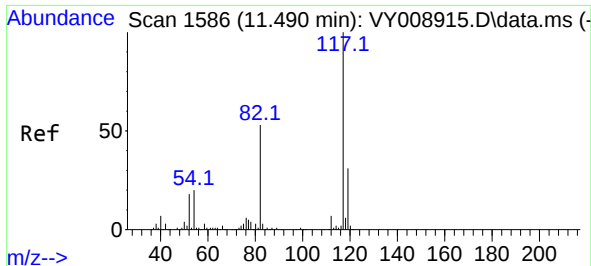
Tgt Ion: 98 Resp: 317575
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.029 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

Tgt Ion: 95 Resp: 96720
Ion Ratio Lower Upper
95 100
174 89.5 0.0 177.0
176 86.8 0.0 175.8

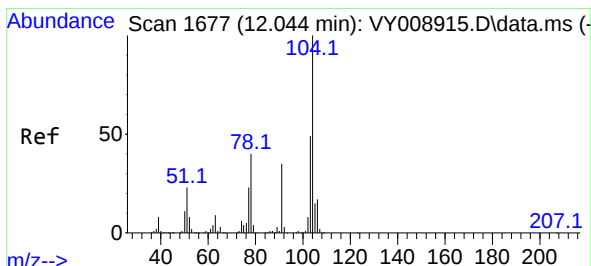
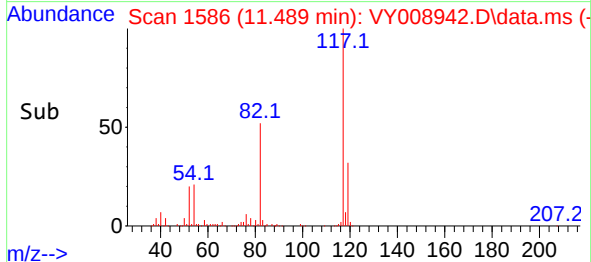
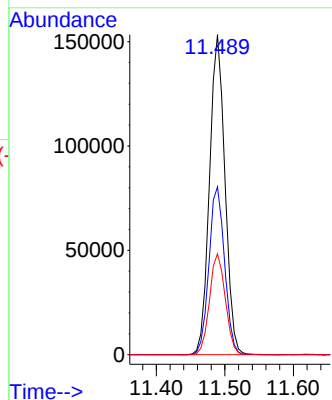
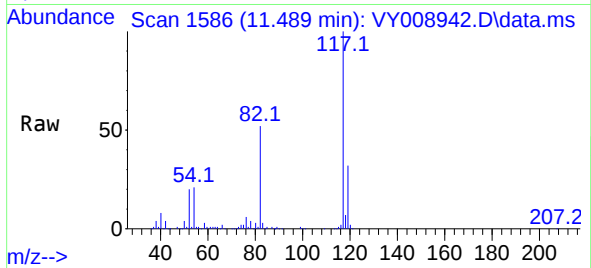




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.001 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

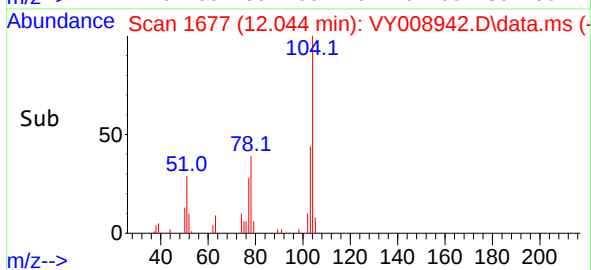
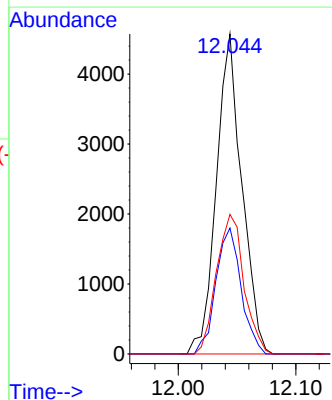
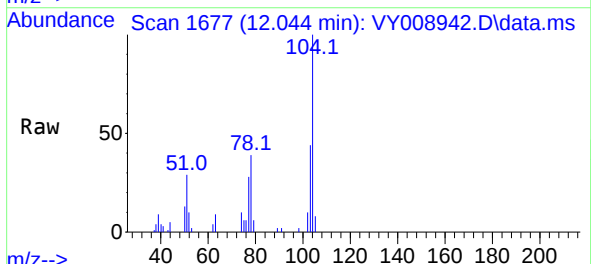
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS005-0006-01

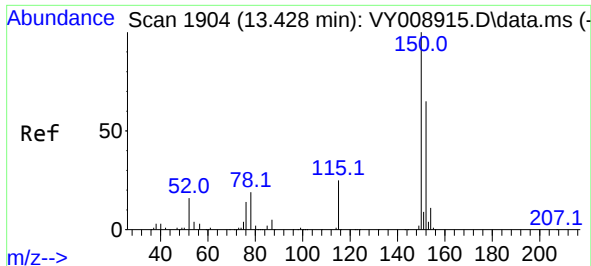
Tgt Ion:	117	Resp:	240155
Ion	Ratio	Lower	Upper
117	100		
82	52.5	43.0	64.4
119	31.5	25.4	38.0



#70
Styrene
Concen: 1.071 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008942.D
Acq: 21 May 2022 12:19

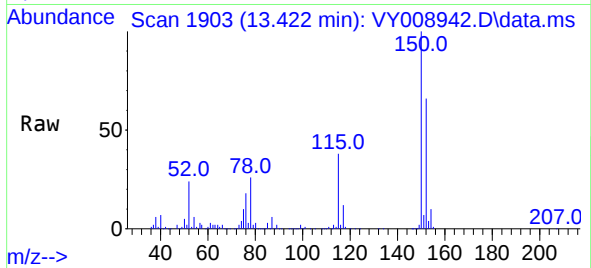
Tgt Ion:	104	Resp:	6899
Ion	Ratio	Lower	Upper
104	100		
78	39.0	42.4	63.6#
103	46.9	44.4	66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY008942.D
 Acq: 21 May 2022 12:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS005-0006-01



Tgt Ion:152 Resp: 101328
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 156.2 0.0 347.6

