

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008825.D
 Acq On : 18 May 2022 19:37
 Operator : KP/MD
 Sample : N2841-18
 Misc : 5.20g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P009-SS003-1218-01

Quant Time: May 19 03:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 18 07:32:50 2022
 Response via : Initial Calibration

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

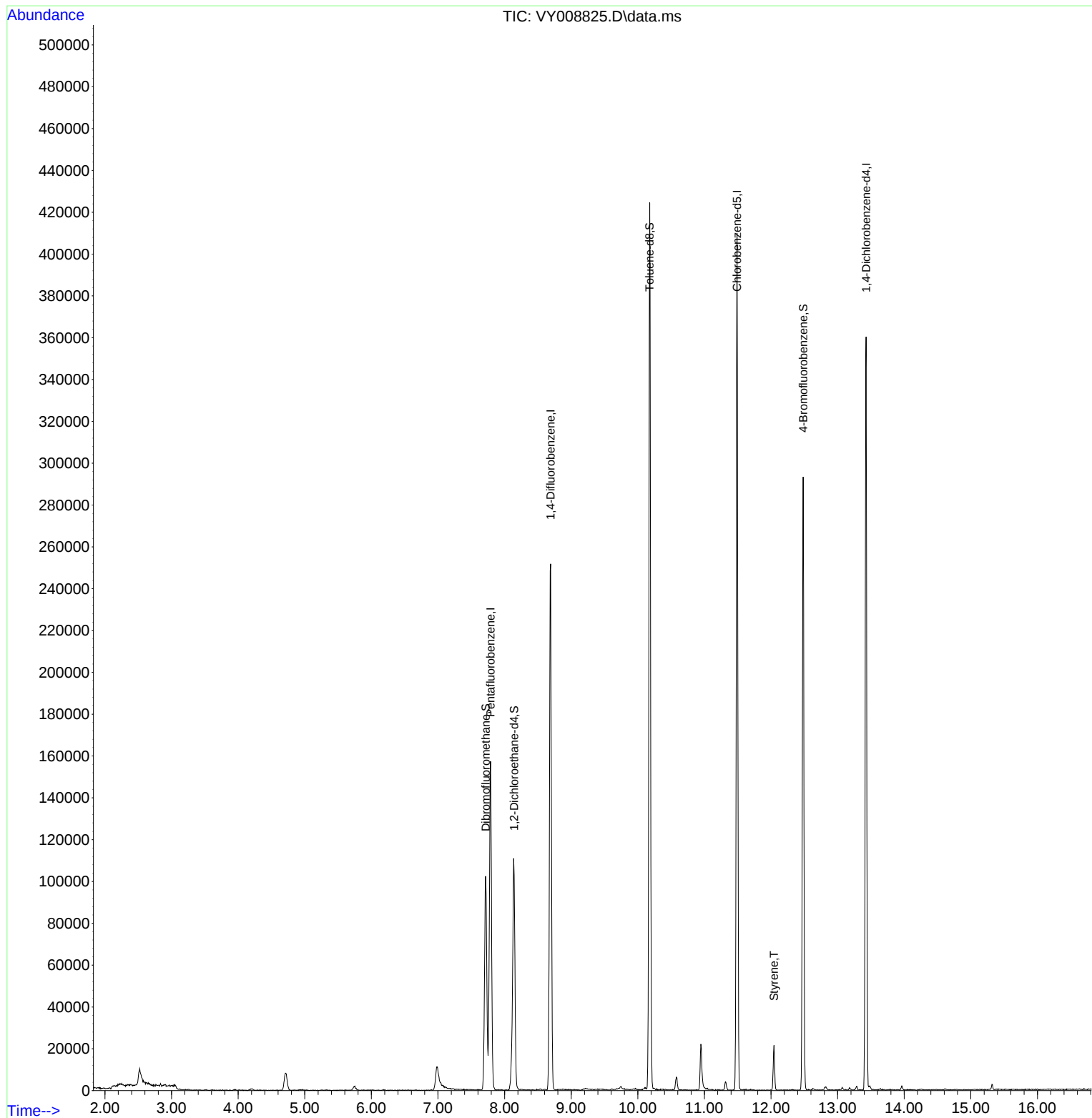
Internal Standards						
1) Pentafluorobenzene	7.789	168	118904	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212089	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207159	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	88061	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	75239	68.208	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	136.420%
35) Dibromofluoromethane	7.716	113	70223	56.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.340%
50) Toluene-d8	10.179	98	268960	48.904	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.800%
62) 4-Bromofluorobenzene	12.483	95	78137	40.465	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	80.940%
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	9637	2.066	ug/l #	85

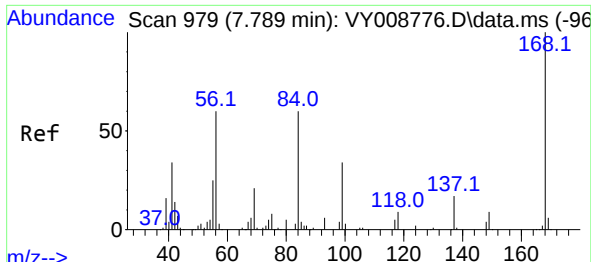
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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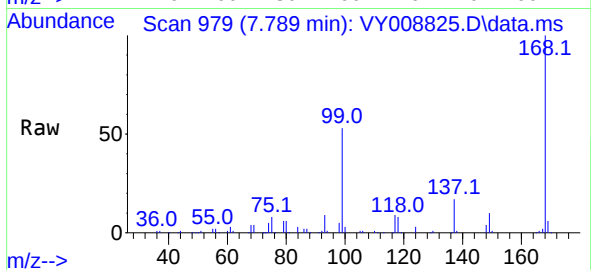
Quant Time: May 19 03:13:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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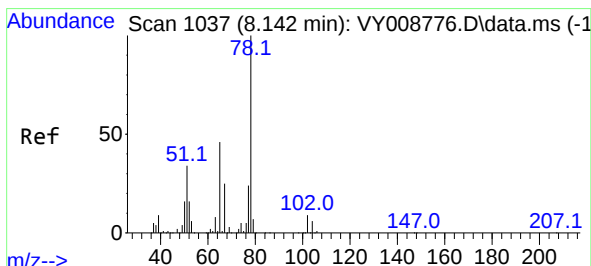
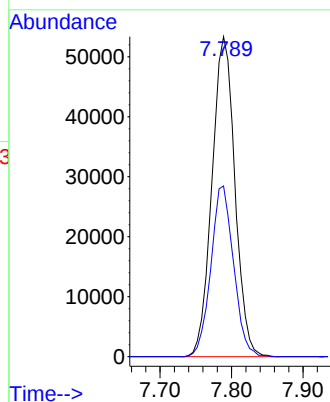
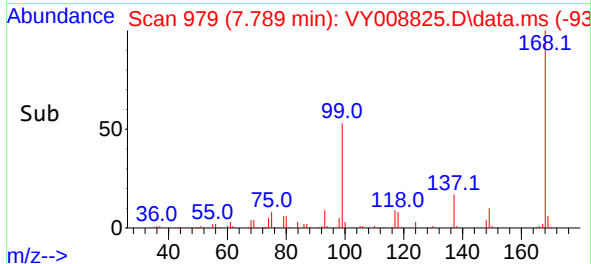


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37

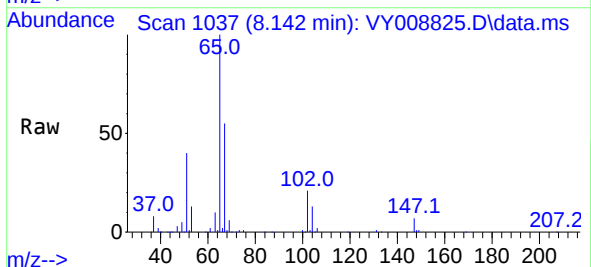
Instrument :
MSVOA_Y
ClientSampleId :
P009-SS003-1218-01



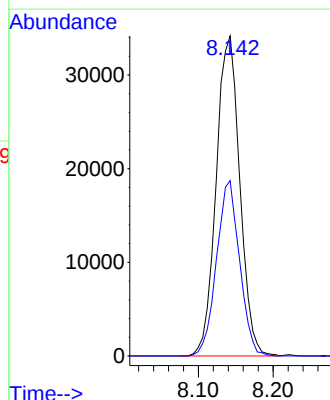
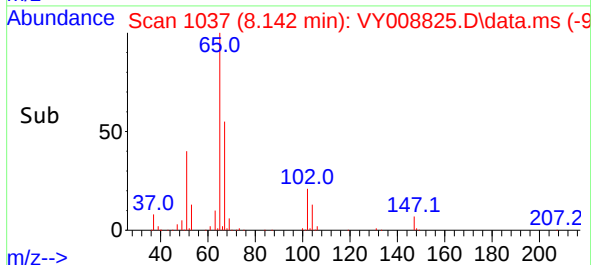
Tgt Ion:168 Resp: 118904
Ion Ratio Lower Upper
168 100
99 53.4 46.9 70.3

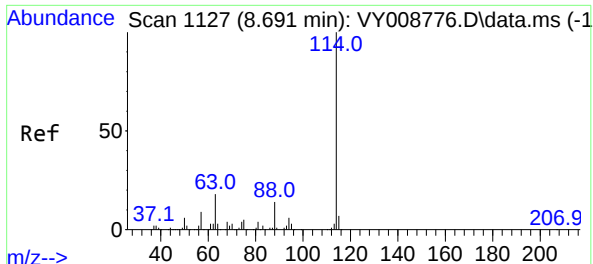


#33
1,2-Dichloroethane-d4
Concen: 68.208 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37



Tgt Ion: 65 Resp: 75239
Ion Ratio Lower Upper
65 100
67 53.4 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: VY008825.D

Acq: 18 May 2022 19:37

Instrument :

MSVOA_Y

ClientSampleId :

P009-SS003-1218-01

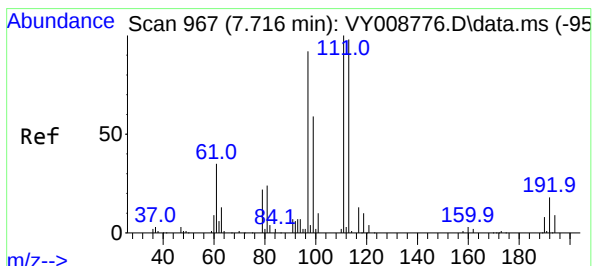
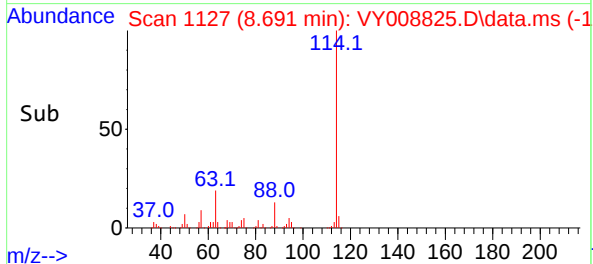
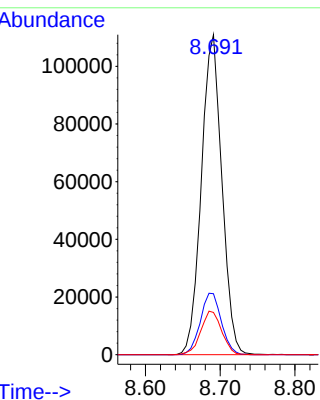
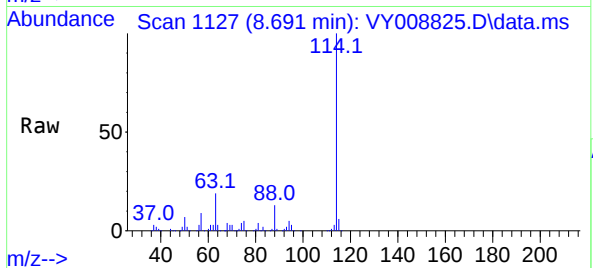
Tgt Ion:114 Resp: 212089

Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 13.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 56.668 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY008825.D

Acq: 18 May 2022 19:37

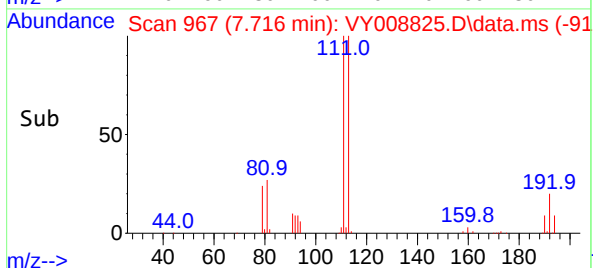
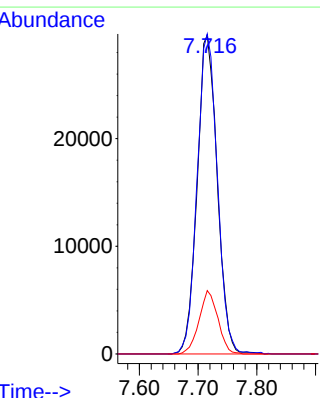
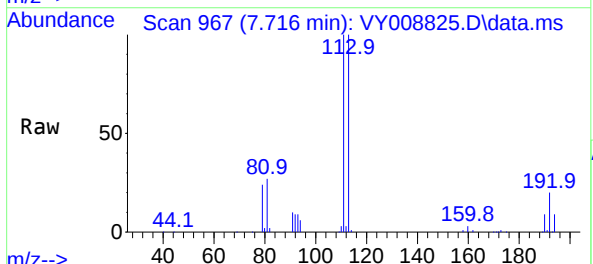
Tgt Ion:113 Resp: 70223

Ion Ratio Lower Upper

113 100

111 100.9 82.6 124.0

192 18.7 17.6 26.4

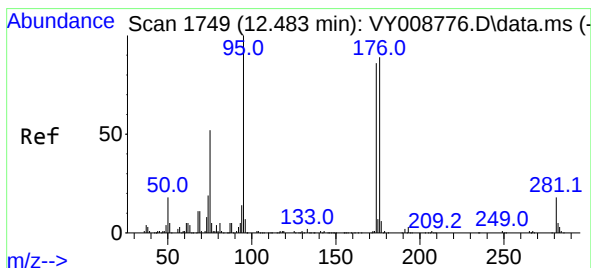
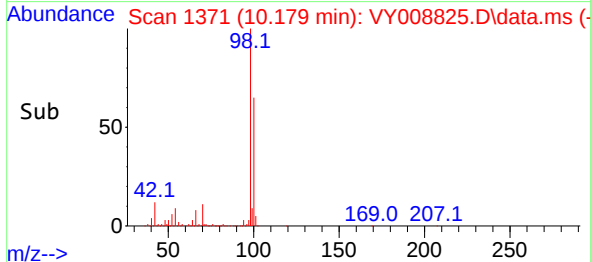
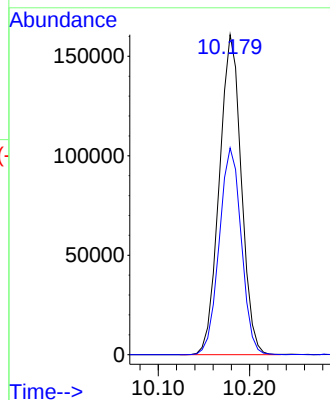
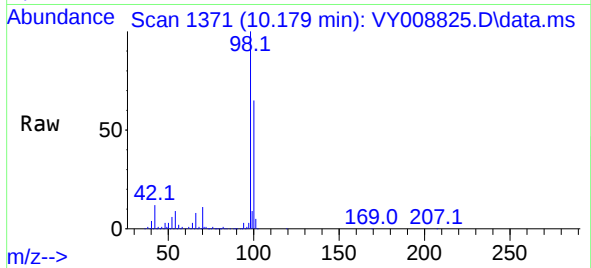




#50
Toluene-d8
Concen: 48.904 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37

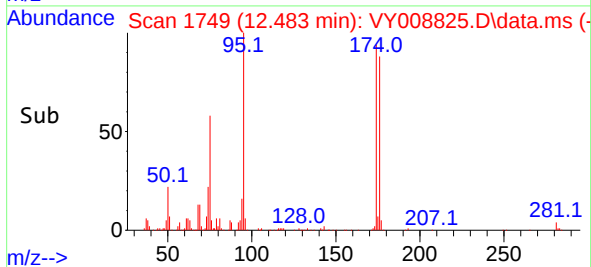
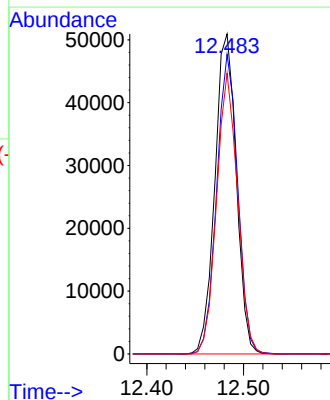
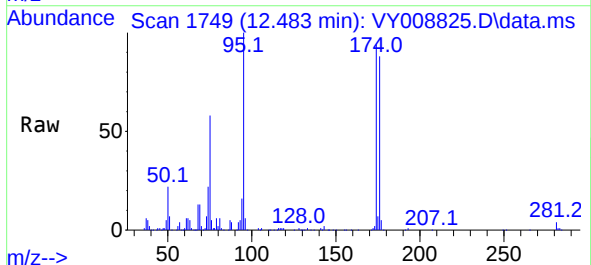
Instrument :
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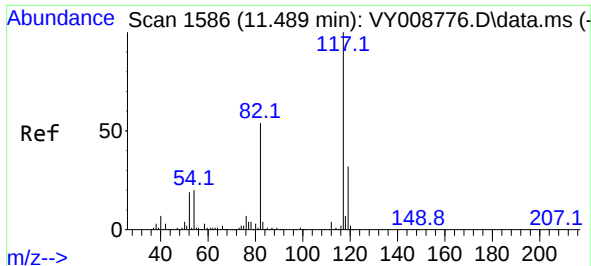
Tgt Ion: 98 Resp: 268960
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 40.465 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37

Tgt Ion: 95 Resp: 78137
Ion Ratio Lower Upper
95 100
174 92.2 0.0 177.0
176 86.0 0.0 175.8

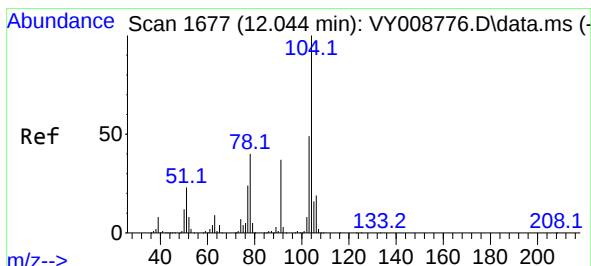
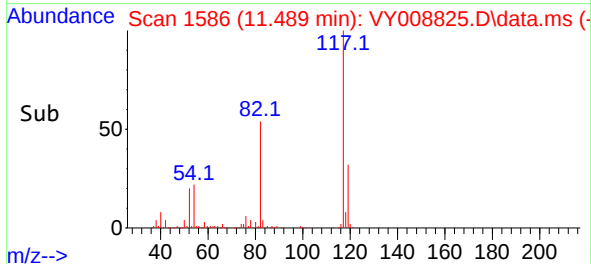
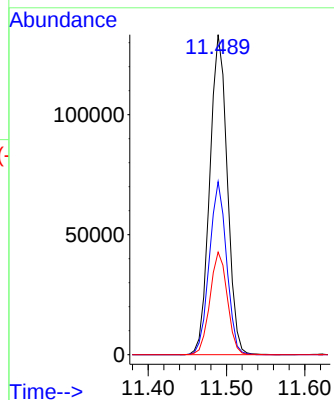
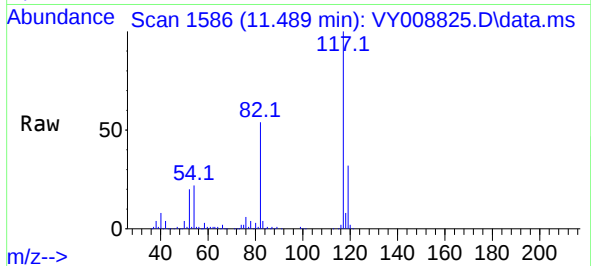




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 117
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37

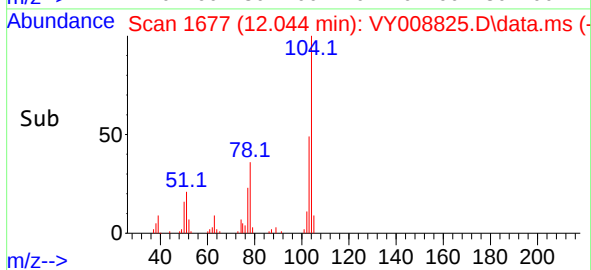
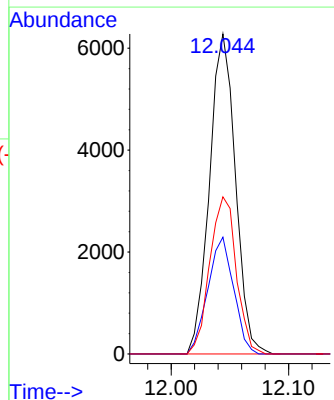
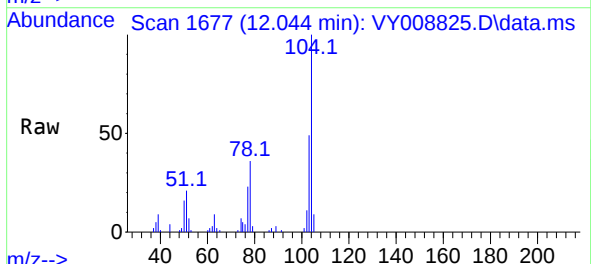
Instrument :
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ClientSampleId :
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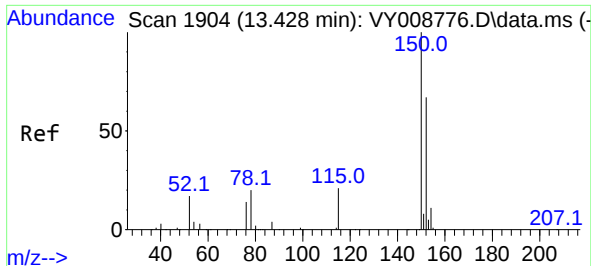
Tgt Ion:	117	Resp:	207159
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	32.1	25.4	38.0



#70
Styrene
Concen: 2.066 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. -0.000 min
Lab File: VY008825.D
Acq: 18 May 2022 19:37

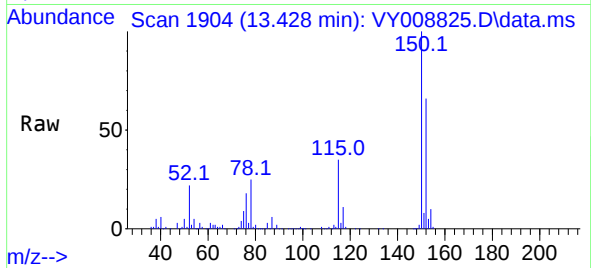
Tgt Ion:	104	Resp:	9637
Ion	Ratio	Lower	Upper
104	100		
78	36.3	42.4	63.6
103	50.2	44.4	66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. -0.000 min
 Lab File: VY008825.D
 Acq: 18 May 2022 19:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 P009-SS003-1218-01



Tgt Ion:152 Resp: 88061
 Ion Ratio Lower Upper
 152 100
 115 55.6 28.2 84.7
 150 157.5 0.0 347.6

