

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051822\
 Data File : VY008820.D
 Acq On : 18 May 2022 17:40
 Operator : KP/MD
 Sample : N2841-13
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1218-01

Quant Time: May 19 03:12:05 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)

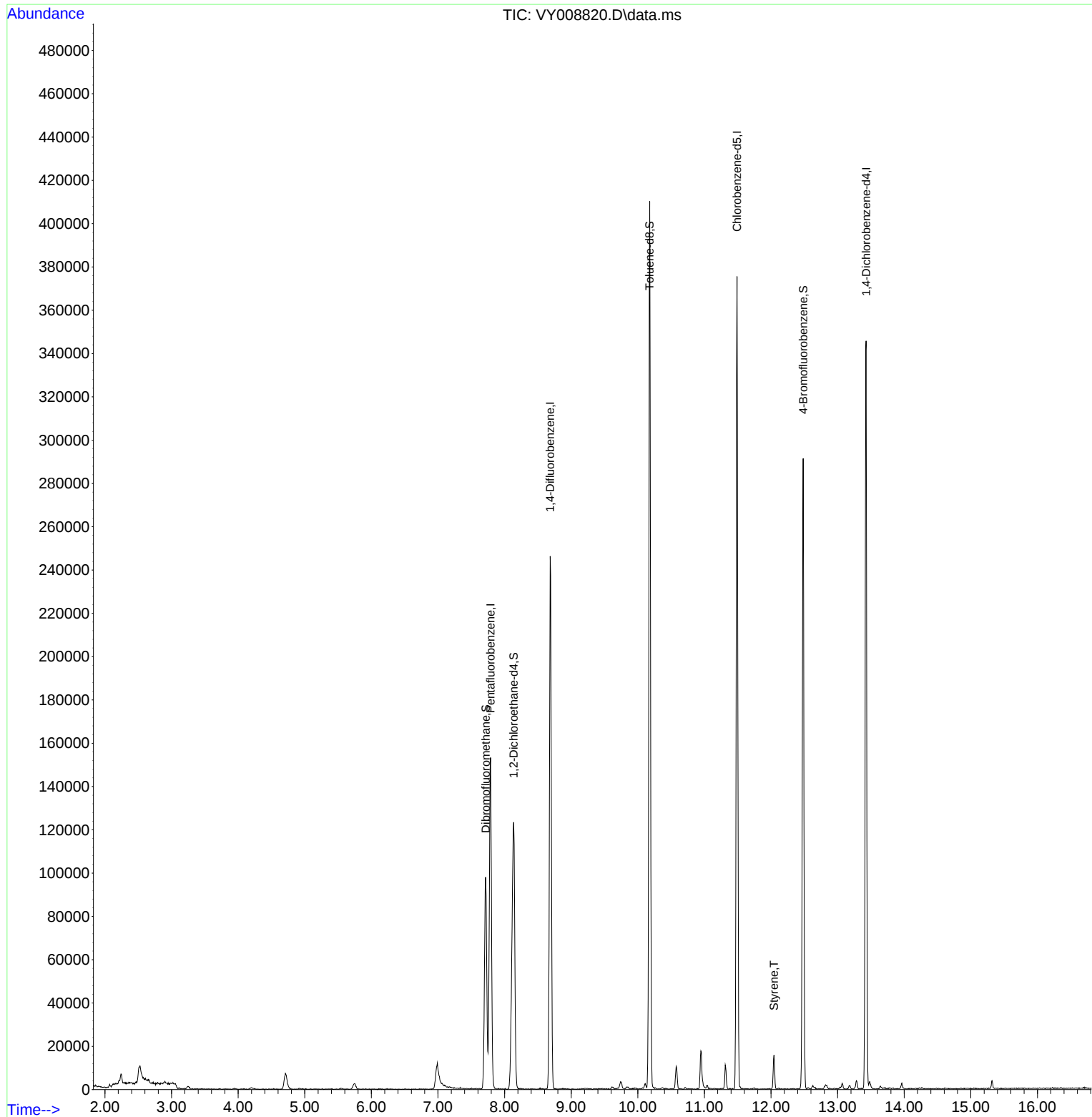
Internal Standards						
1) Pentafluorobenzene	7.789	168	118122	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	207271	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	198868	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	85901	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	74467	67.955	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.920%
35) Dibromofluoromethane	7.716	113	67566	55.792	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	111.580%
50) Toluene-d8	10.179	98	260957	48.574	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.483	95	77774	41.149	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	82.300%
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	7533	1.682	ug/l #	87

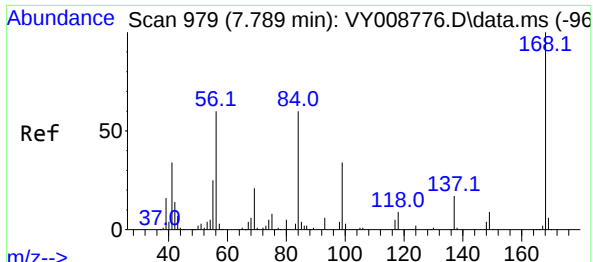
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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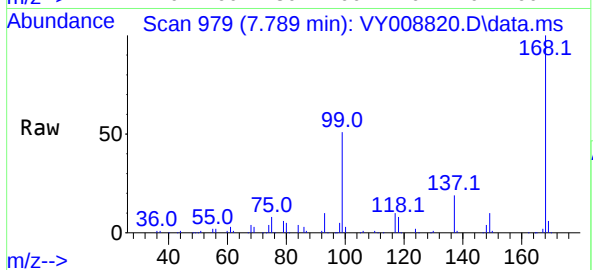
Quant Time: May 19 03:12:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y051722S.M
Quant Title : SW846 8260
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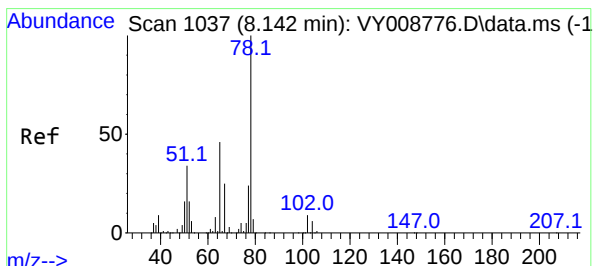
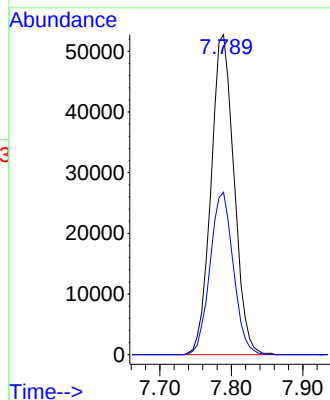
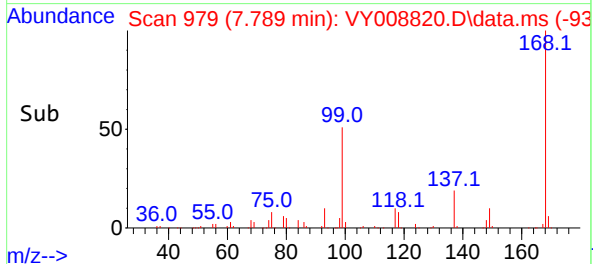


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40

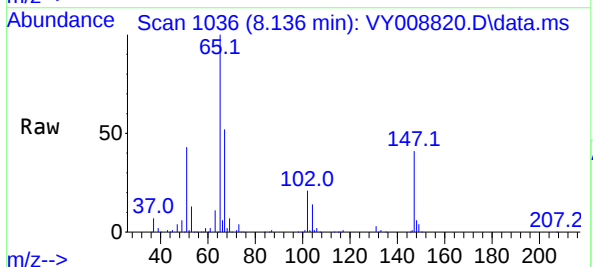
Instrument :
MSVOA_Y
ClientSampleId :
P006-SS002-1218-01



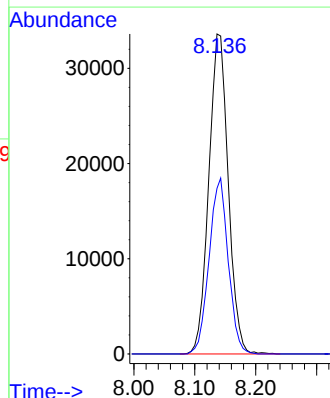
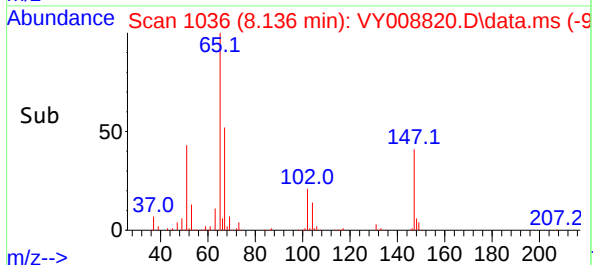
Tgt Ion:168 Resp: 118122
Ion Ratio Lower Upper
168 100
99 50.8 46.9 70.3

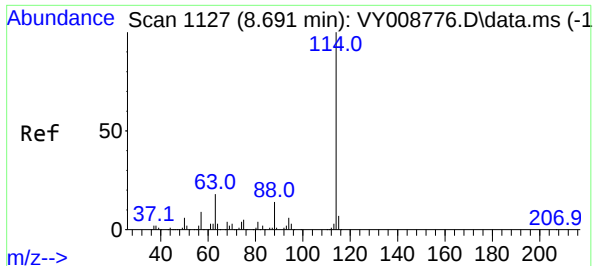


#33
1,2-Dichloroethane-d4
Concen: 67.955 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40



Tgt Ion: 65 Resp: 74467
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY008820.D

Acq: 18 May 2022 17:40

Instrument :

MSVOA_Y

ClientSampleId :

P006-SS002-1218-01

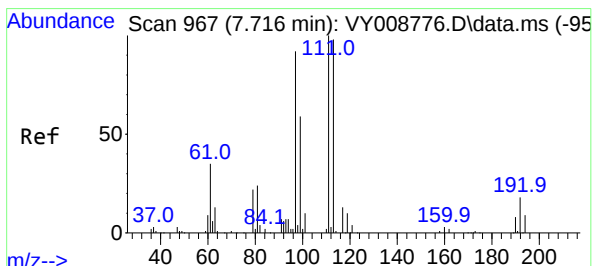
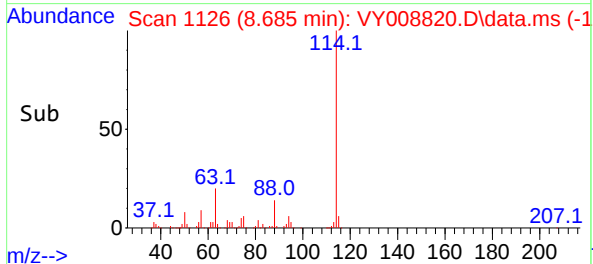
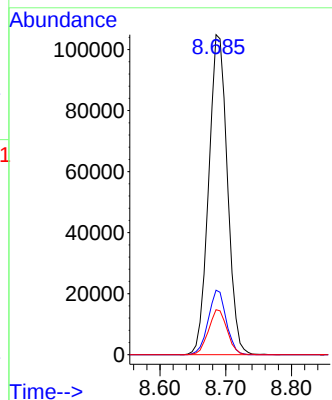
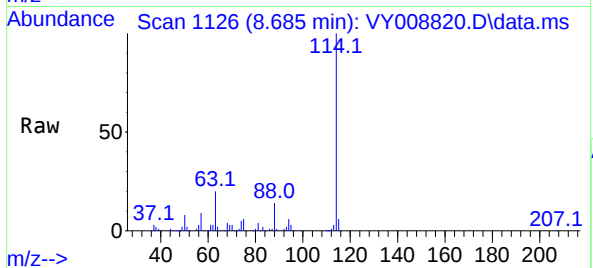
Tgt Ion:114 Resp: 207271

Ion Ratio Lower Upper

114 100

63 20.2 0.0 43.2

88 14.1 0.0 31.8



#35

Dibromofluoromethane

Concen: 55.792 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY008820.D

Acq: 18 May 2022 17:40

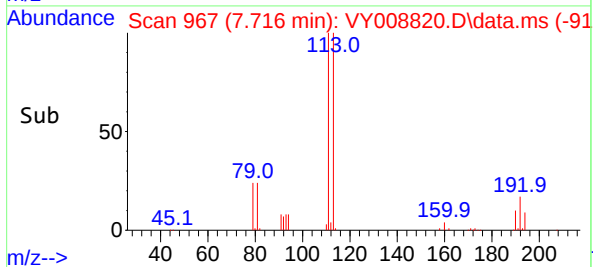
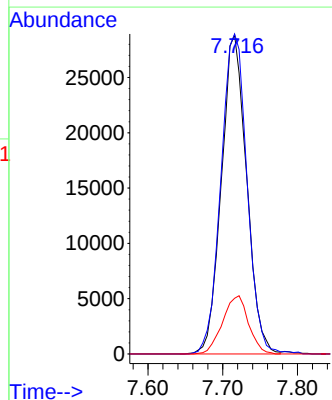
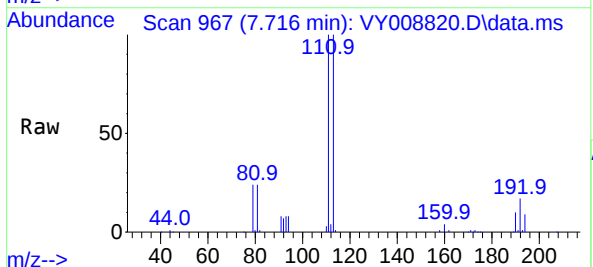
Tgt Ion:113 Resp: 67566

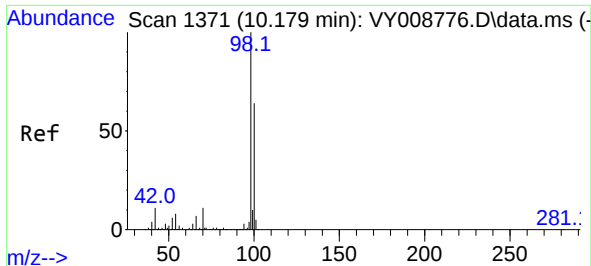
Ion Ratio Lower Upper

113 100

111 104.0 82.6 124.0

192 18.8 17.6 26.4

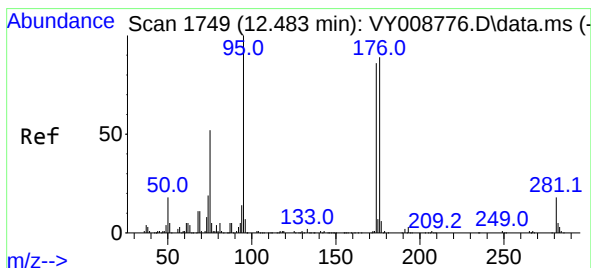
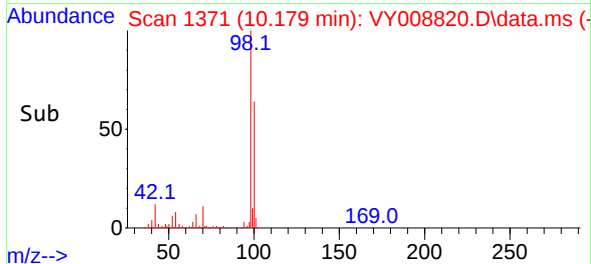
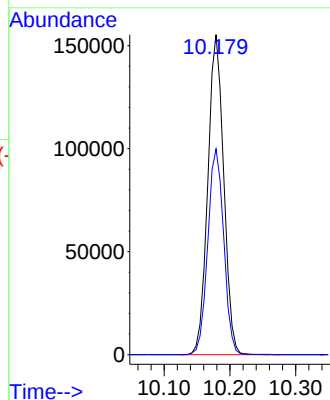
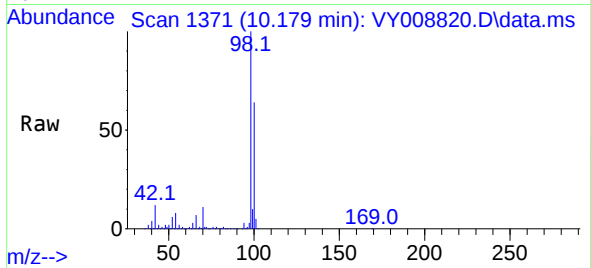




#50
Toluene-d8
Concen: 48.574 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40

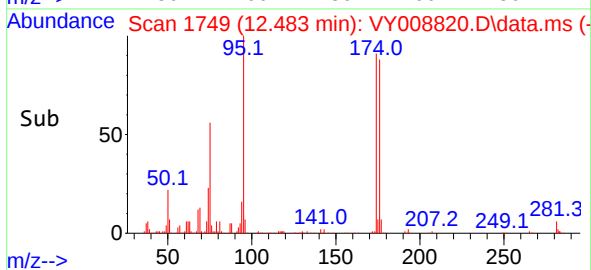
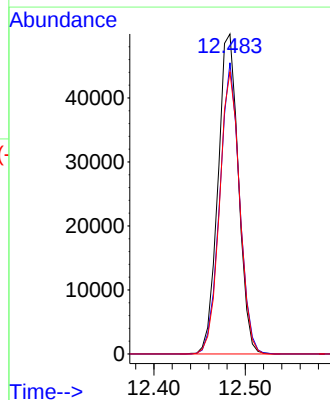
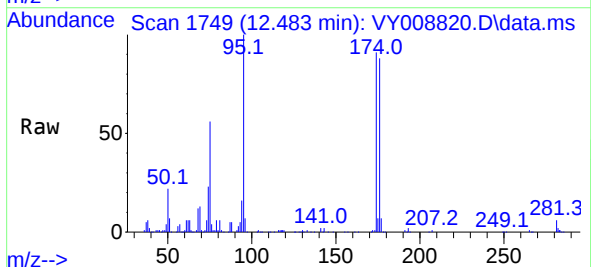
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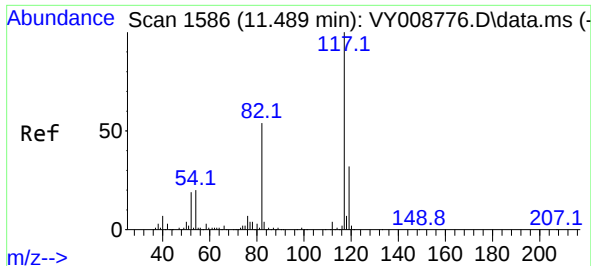
Tgt Ion: 98 Resp: 260957
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 41.149 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40

Tgt Ion: 95 Resp: 77774
Ion Ratio Lower Upper
95 100
174 87.9 0.0 177.0
176 86.4 0.0 175.8

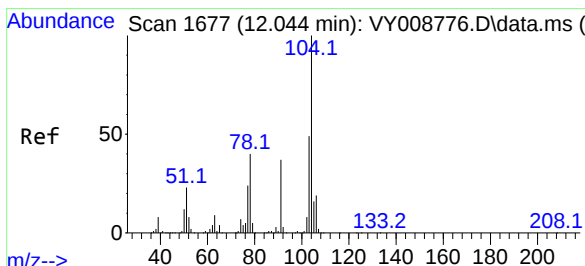
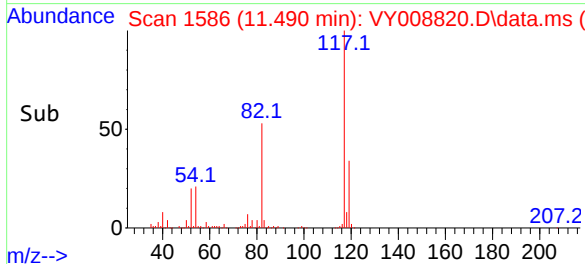
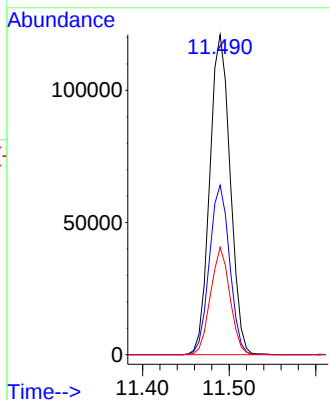
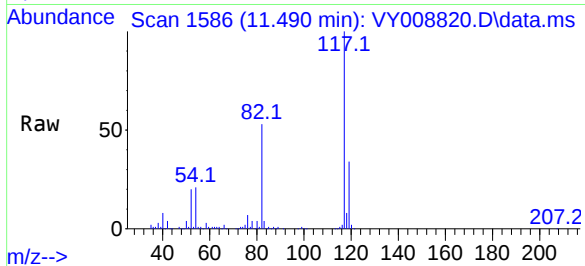




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40

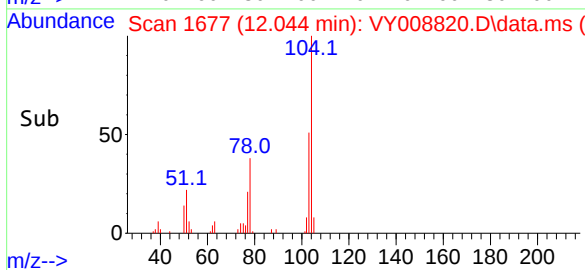
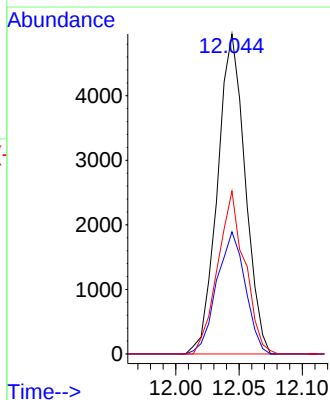
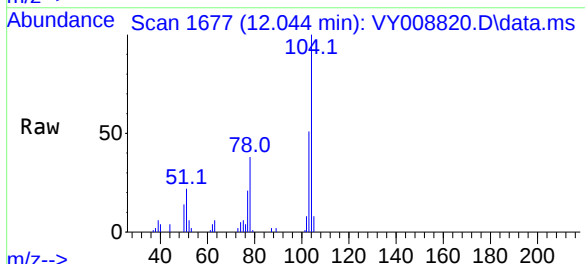
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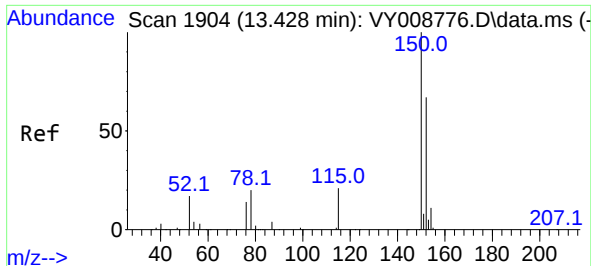
Tgt Ion:	117	Resp:	198868
Ion	Ratio	Lower	Upper
117	100		
82	52.9	43.0	64.4
119	33.6	25.4	38.0



#70
Styrene
Concen: 1.682 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY008820.D
Acq: 18 May 2022 17:40

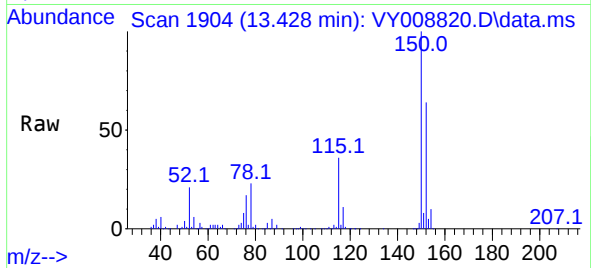
Tgt Ion:	104	Resp:	7533
Ion	Ratio	Lower	Upper
104	100		
78	39.4	42.4	63.6
103	49.8	44.4	66.6





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY008820.D
 Acq: 18 May 2022 17:40

Instrument :
 MSVOA_Y
 ClientSampleId :
 P006-SS002-1218-01



Tgt Ion:152 Resp: 85901
 Ion Ratio Lower Upper
 152 100
 115 55.9 28.2 84.7
 150 156.1 0.0 347.6

