

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031022\
 Data File : VY007836.D
 Acq On : 10 Mar 2022 19:29
 Operator : SY/MD
 Sample : N1763-11
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 7-8-SAMPLE-LOCATION-4

Quant Time: Mar 10 23:59:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 01 09:08:03 2022
 Response via : Initial Calibration

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

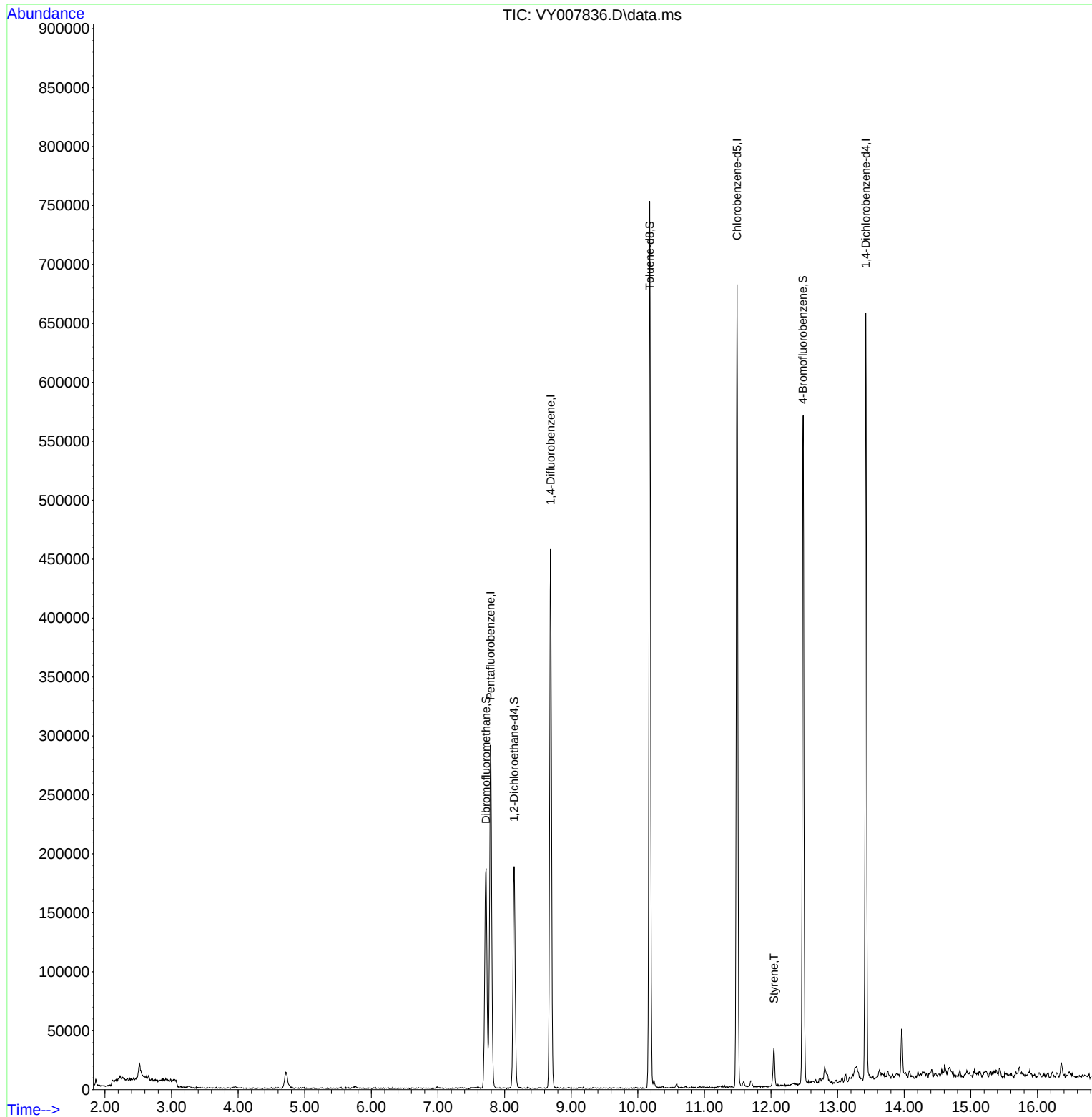
Internal Standards						
1) Pentafluorobenzene	7.789	168	216867	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	379833	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	349059	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	151464	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	145242	63.972	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.940%	
35) Dibromofluoromethane	7.722	113	129418	53.294	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.580%	
50) Toluene-d8	10.179	98	464402	51.952	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.900%	
62) 4-Bromofluorobenzene	12.477	95	136489	47.368	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 94.740%	
Target Compounds						
					Qvalue	
70) Styrene	12.044	104	14386	1.723	ug/l #	87

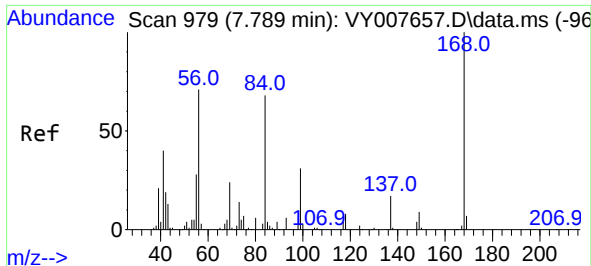
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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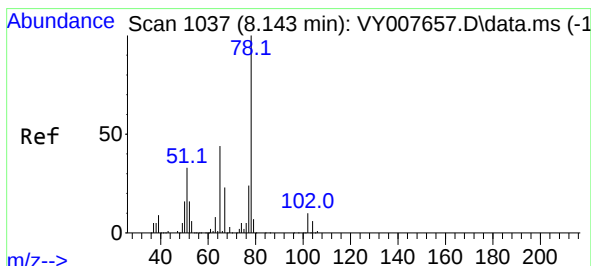
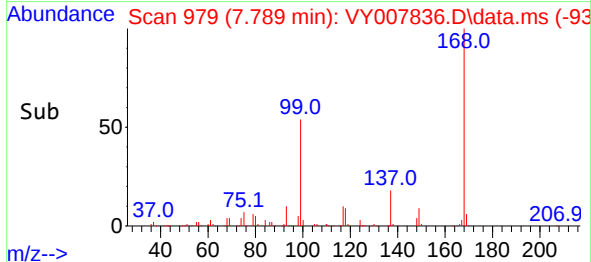
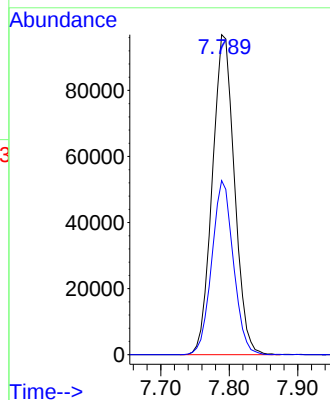
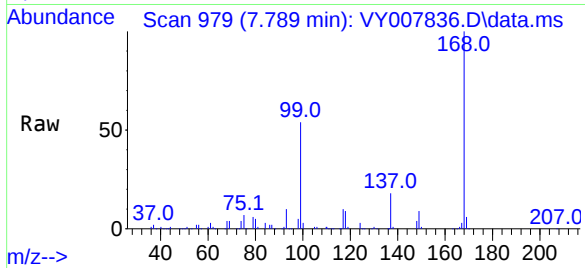




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

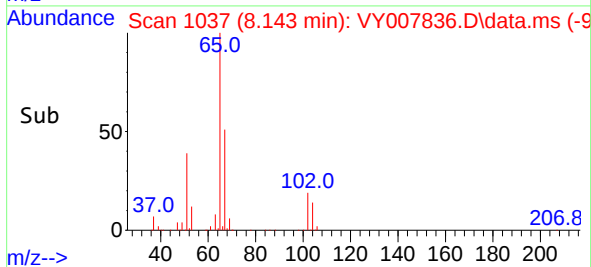
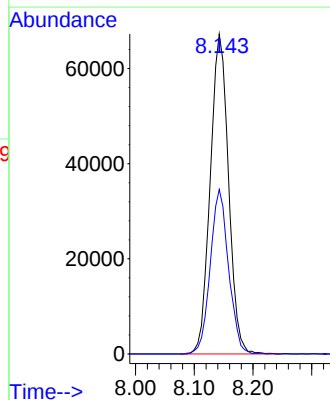
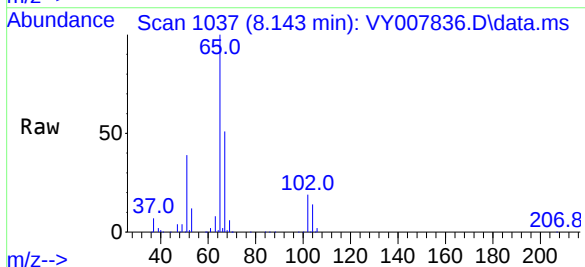
Instrument :
MSVOA_Y
ClientSampleId :
7-8-SAMPLE-LOCATION-4

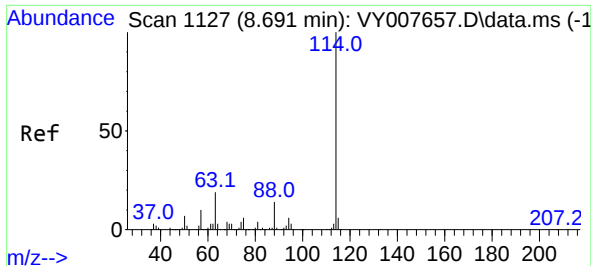
Tgt Ion:168 Resp: 216867
Ion Ratio Lower Upper
168 100
99 54.4 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 63.972 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 65 Resp: 145242
Ion Ratio Lower Upper
65 100
67 51.5 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: VY007836.D

Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4

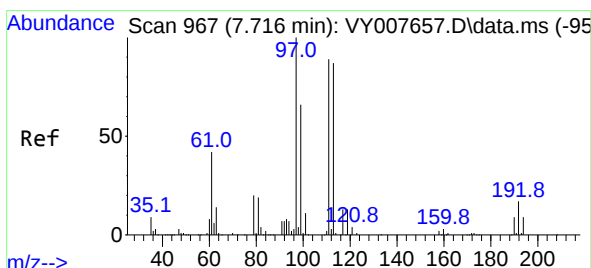
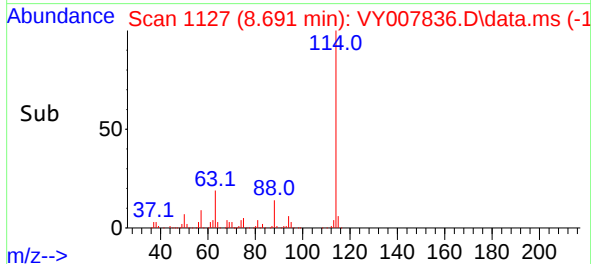
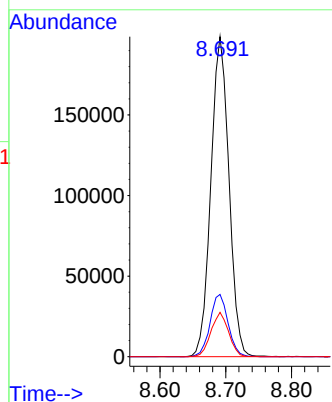
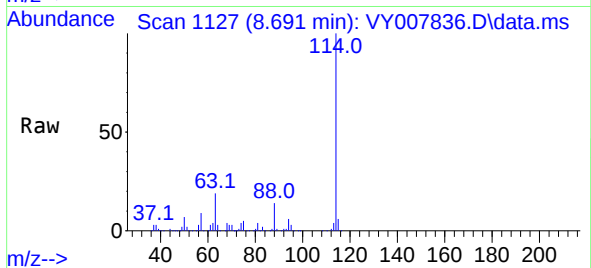
Tgt Ion:114 Resp: 379833

Ion Ratio Lower Upper

114 100

63 19.5 0.0 43.2

88 13.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.294 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007836.D

Acq: 10 Mar 2022 19:29

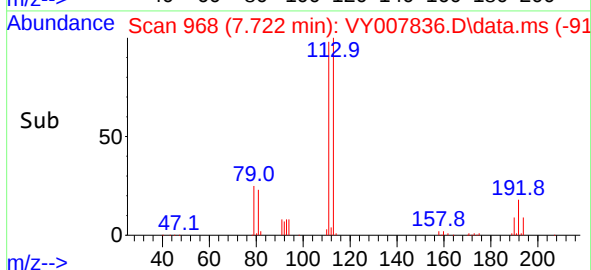
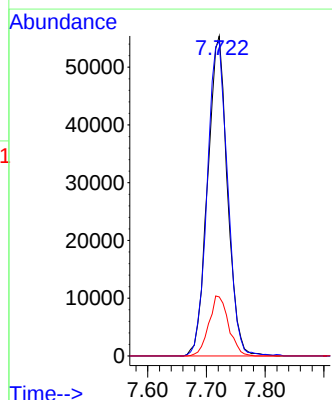
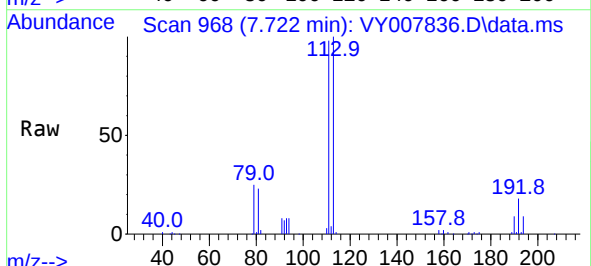
Tgt Ion:113 Resp: 129418

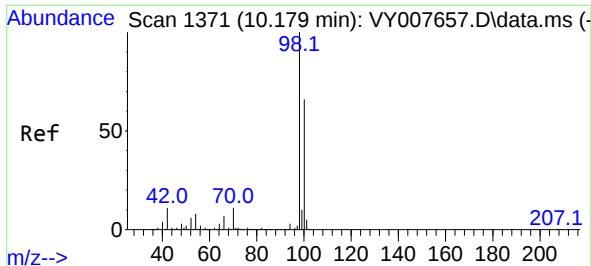
Ion Ratio Lower Upper

113 100

111 101.3 82.6 124.0

192 18.7 17.6 26.4

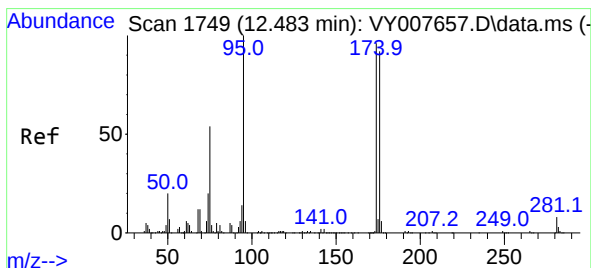
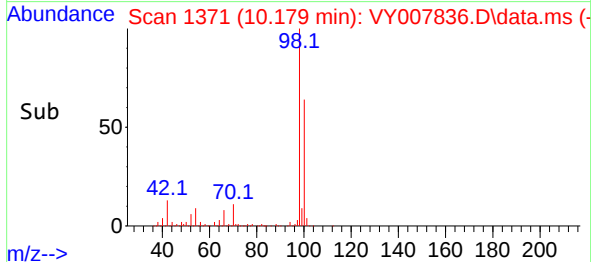
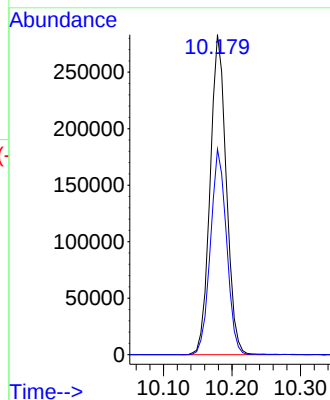
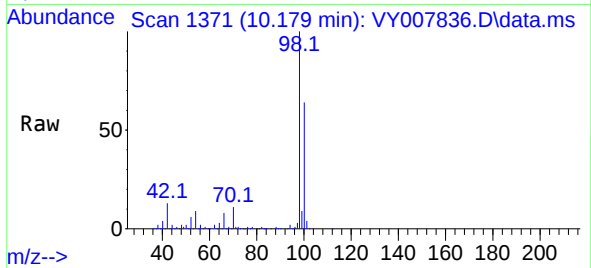




#50
Toluene-d8
Concen: 51.952 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

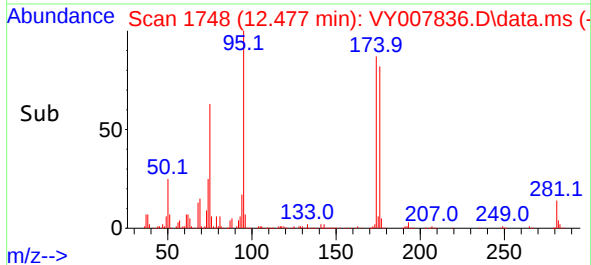
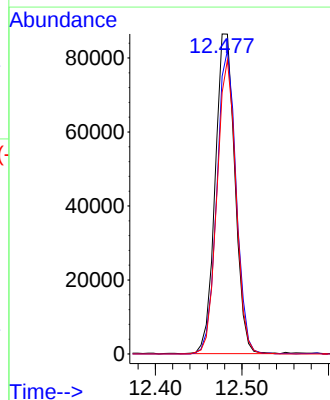
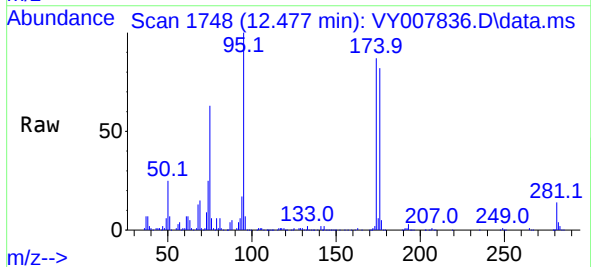
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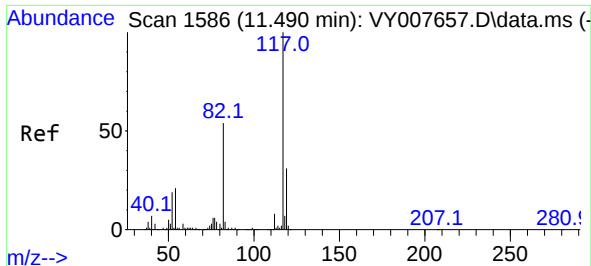
Tgt Ion: 98 Resp: 464402
Ion Ratio Lower Upper
98 100
100 63.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.368 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion: 95 Resp: 136489
Ion Ratio Lower Upper
95 100
174 93.1 0.0 177.0
176 88.8 0.0 175.8

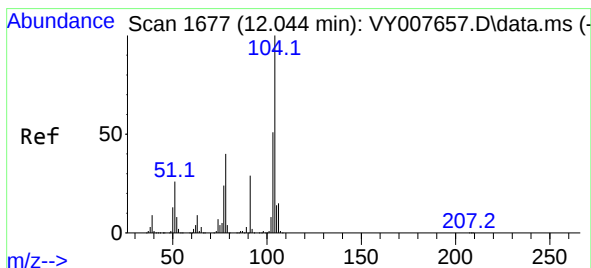
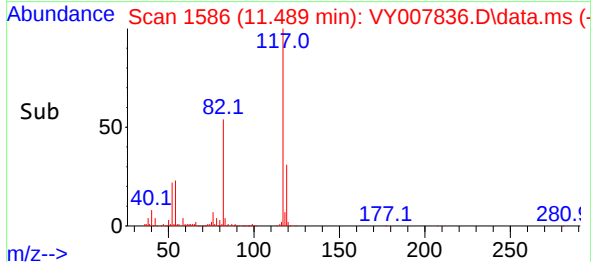
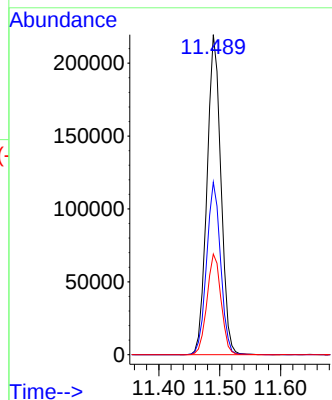
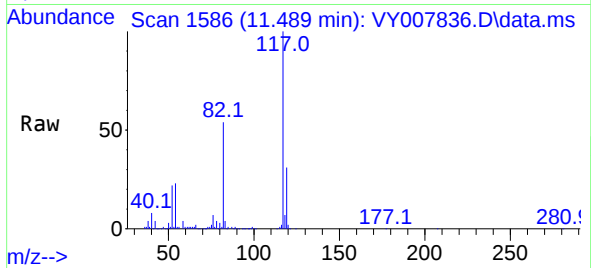




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1170
Delta R.T. -0.001 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

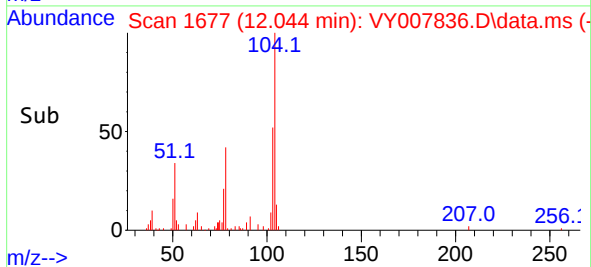
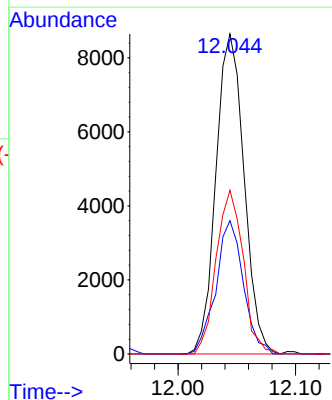
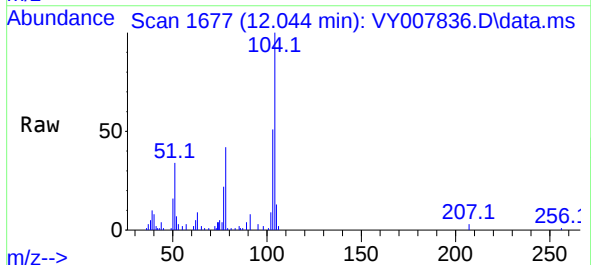
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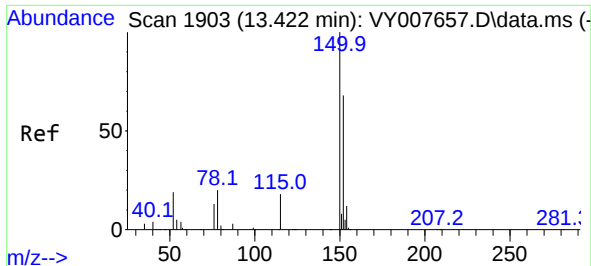
Tgt Ion:	117	Resp:	349059
Ion	Ratio	Lower	Upper
117	100		
82	53.9	43.0	64.4
119	31.4	25.4	38.0



#70
Styrene
Concen: 1.723 ug/l
RT: 12.044 min Scan# 1677
Delta R.T. 0.000 min
Lab File: VY007836.D
Acq: 10 Mar 2022 19:29

Tgt Ion:	104	Resp:	14386
Ion	Ratio	Lower	Upper
104	100		
78	40.8	42.4	63.6
103	49.1	44.4	66.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY007836.D

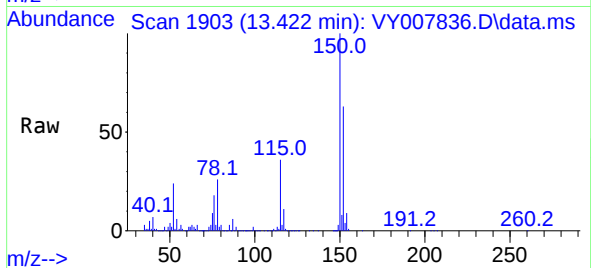
Acq: 10 Mar 2022 19:29

Instrument :

MSVOA_Y

ClientSampleId :

7-8-SAMPLE-LOCATION-4



Tgt Ion:152 Resp: 151464

Ion Ratio Lower Upper

152 100

115 57.0 28.2 84.7

150 157.3 0.0 347.6

