

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020322\
 Data File : VY007381.D
 Acq On : 03 Feb 2022 17:15
 Operator : SY/MD
 Sample : VIBLK
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Quant Time: Feb 04 08:41:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

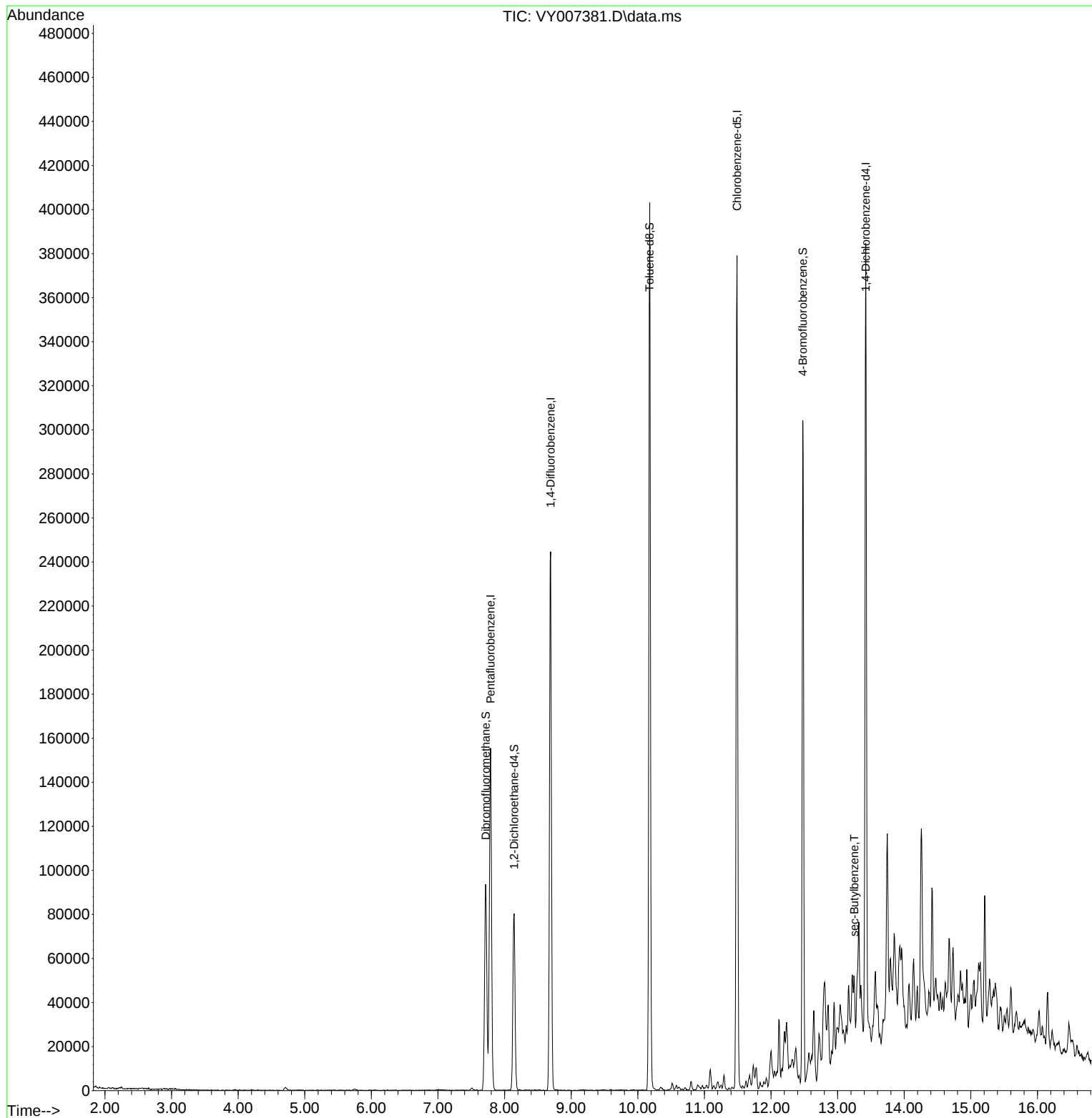
Internal Standards						
1) Pentafluorobenzene	7.789	168	114589	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	212315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	199465	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	87373	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	64590	49.004	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.000%
35) Dibromofluoromethane	7.716	113	64991	47.670	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	256800	50.983	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.960%
62) 4-Bromofluorobenzene	12.477	95	90198	52.686	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	105.380%
Target Compounds						
					Qvalue	
85) sec-Butylbenzene	13.251	105	8717	1.025	ug/l	85

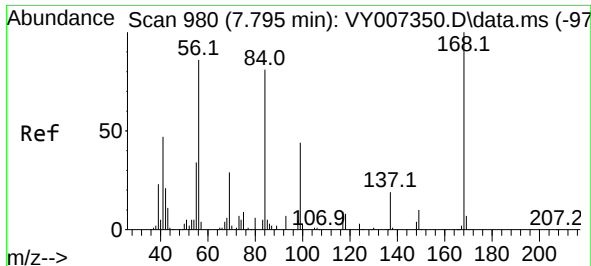
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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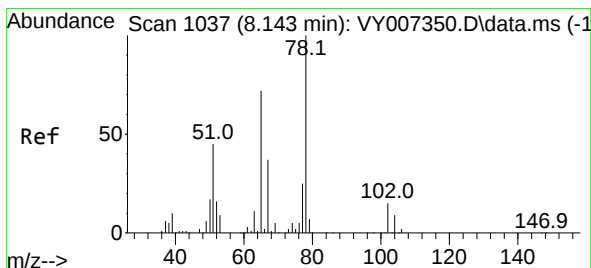
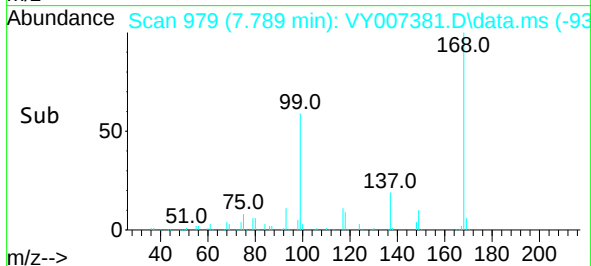
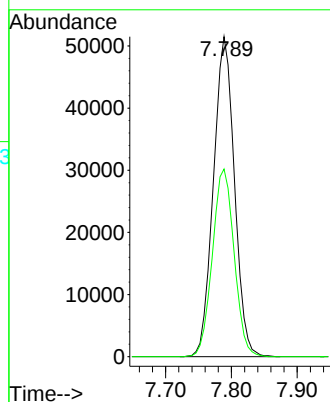
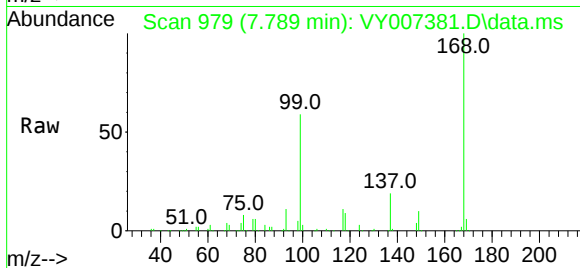




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY007381.D
Acq: 03 Feb 2022 17:15

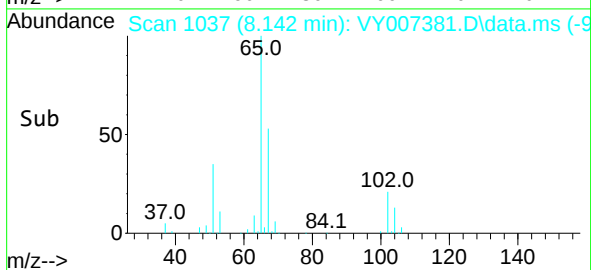
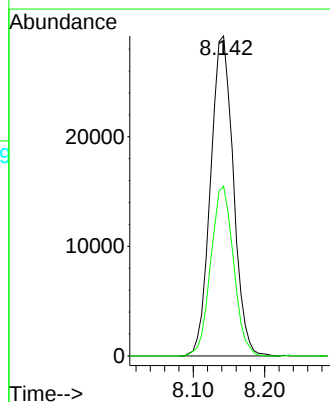
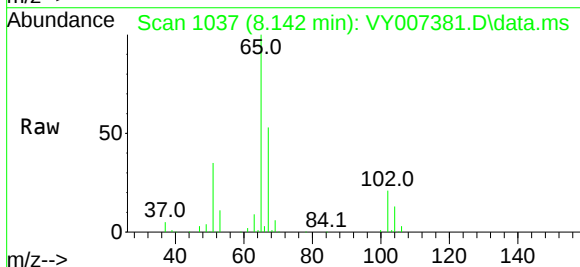
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

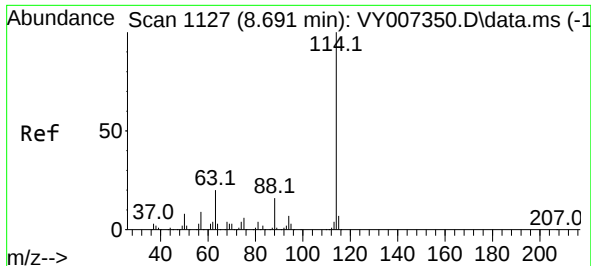
Tgt Ion:168 Resp: 114589
Ion Ratio Lower Upper
168 100
99 58.7 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 49.004 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007381.D
Acq: 03 Feb 2022 17:15

Tgt Ion: 65 Resp: 64590
Ion Ratio Lower Upper
65 100
67 52.9 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: VY007381.D

Acq: 03 Feb 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

VIBLK

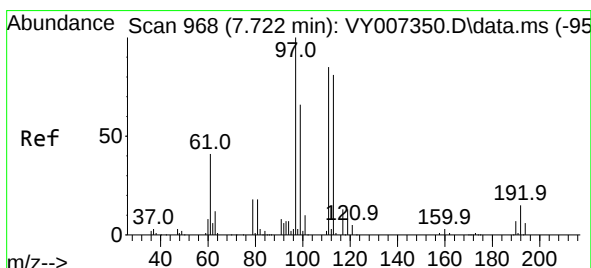
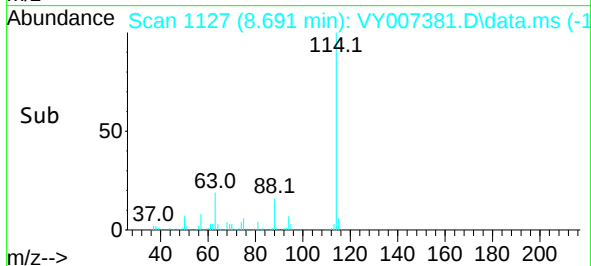
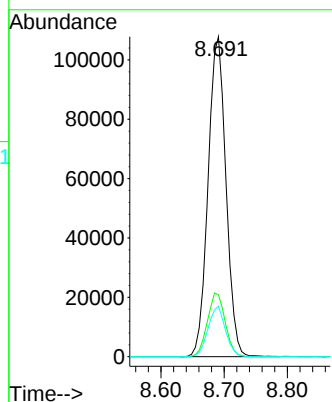
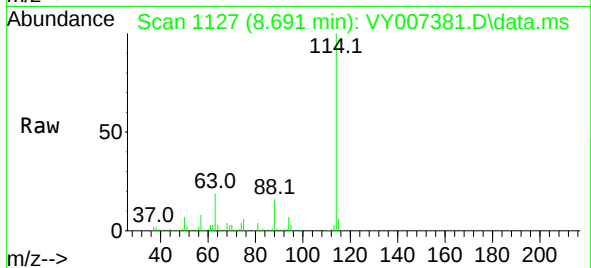
Tgt Ion:114 Resp: 212315

Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 15.7 0.0 31.8



#35

Dibromofluoromethane

Concen: 47.670 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.006 min

Lab File: VY007381.D

Acq: 03 Feb 2022 17:15

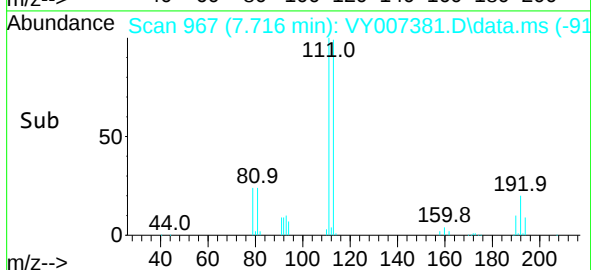
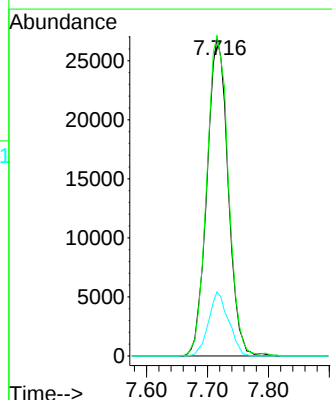
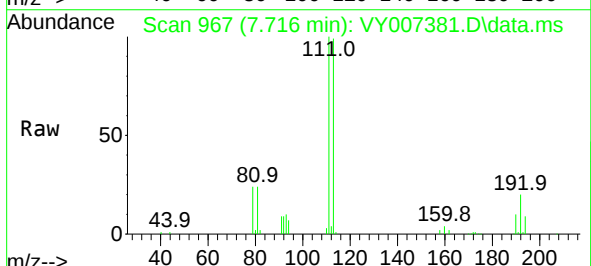
Tgt Ion:113 Resp: 64991

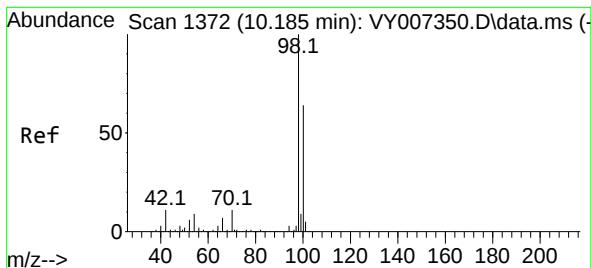
Ion Ratio Lower Upper

113 100

111 102.5 82.6 124.0

192 19.0 17.6 26.4





#50

Toluene-d8

Concen: 50.983 ug/l

RT: 10.179 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY007381.D

Acq: 03 Feb 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

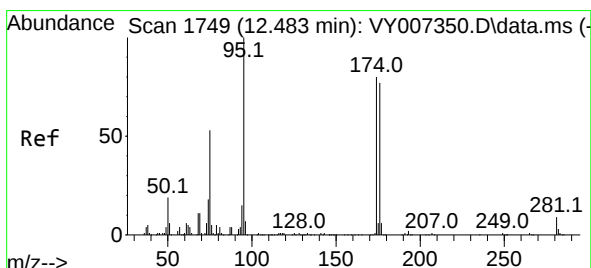
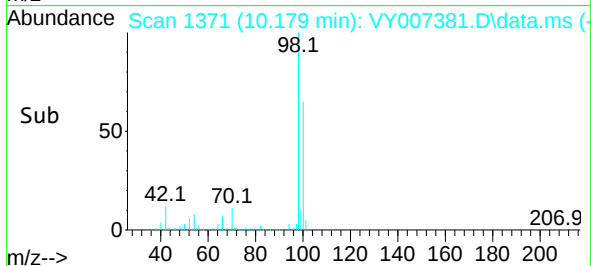
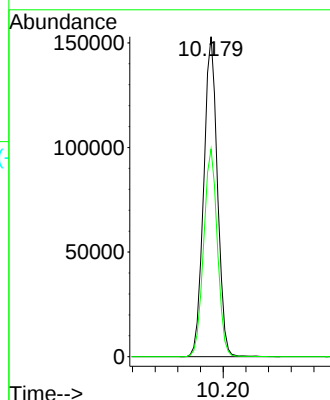
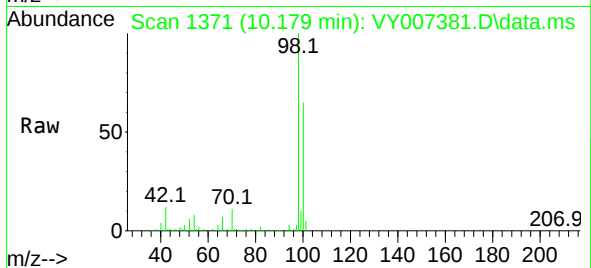
VIBLK

Tgt Ion: 98 Resp: 256800

Ion Ratio Lower Upper

98 100

100 64.8 50.2 75.2



#62

4-Bromofluorobenzene

Concen: 52.686 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. -0.006 min

Lab File: VY007381.D

Acq: 03 Feb 2022 17:15

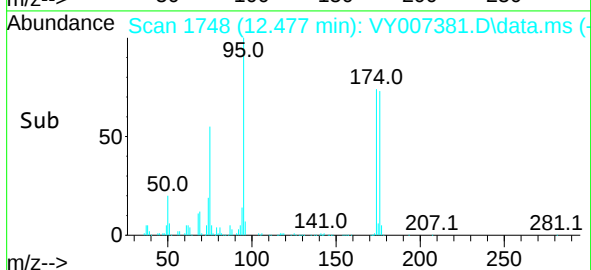
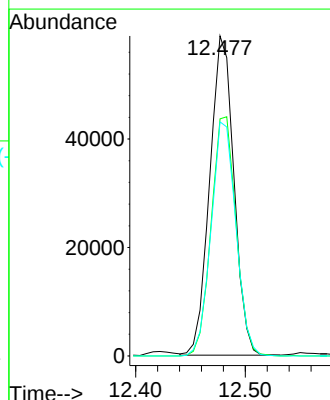
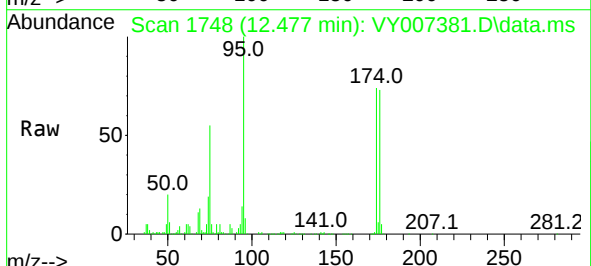
Tgt Ion: 95 Resp: 90198

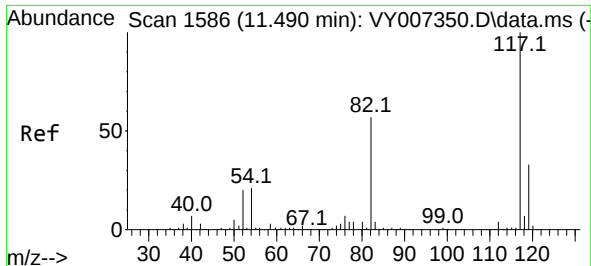
Ion Ratio Lower Upper

95 100

174 77.0 0.0 177.0

176 75.4 0.0 175.8

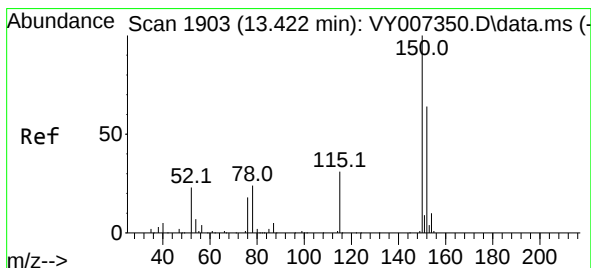
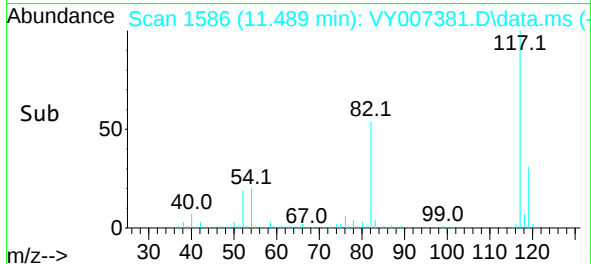
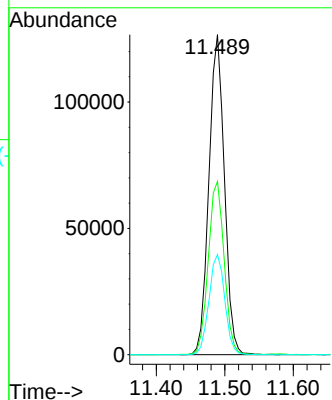
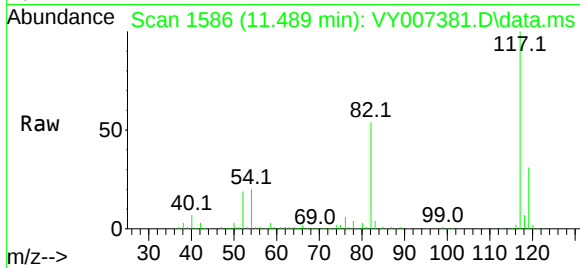




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY007381.D
Acq: 03 Feb 2022 17:15

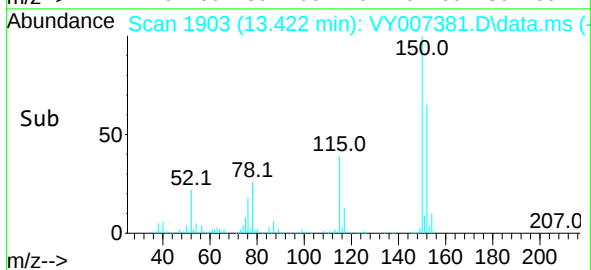
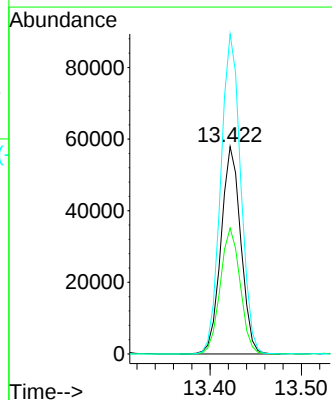
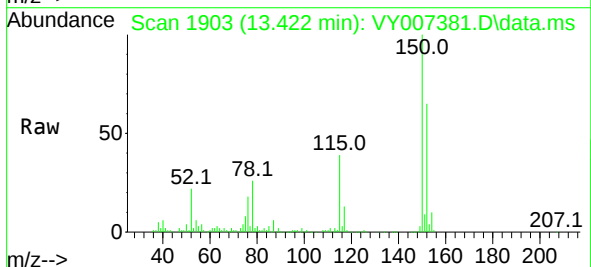
Instrument :
MSVOA_Y
ClientSampleId :
VIBLK

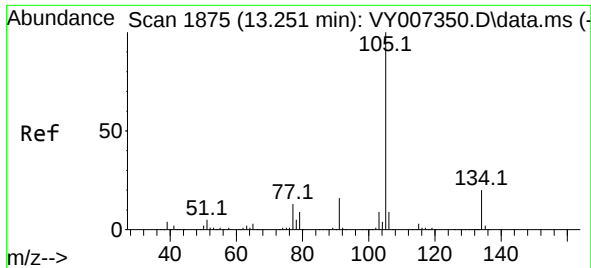
Tgt Ion:117 Resp: 199465
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 31.3 25.4 38.0



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.000 min
Lab File: VY007381.D
Acq: 03 Feb 2022 17:15

Tgt Ion:152 Resp: 87373
Ion Ratio Lower Upper
152 100
115 60.8 28.2 84.7
150 155.2 0.0 347.6





#85
 sec-Butylbenzene
 Concen: 1.025 ug/l
 RT: 13.251 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: VY007381.D
 Acq: 03 Feb 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 VIBLK

Tgt Ion:105 Resp: 8717
 Ion Ratio Lower Upper
 105 100
 134 27.0 10.2 30.4

