

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012971.D
 Acq On : 16 Mar 2023 15:16
 Operator : KP/MD
 Sample : 01932-13
 Misc : 5.50g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6A-031423

Quant Time: Mar 17 01:36:34 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

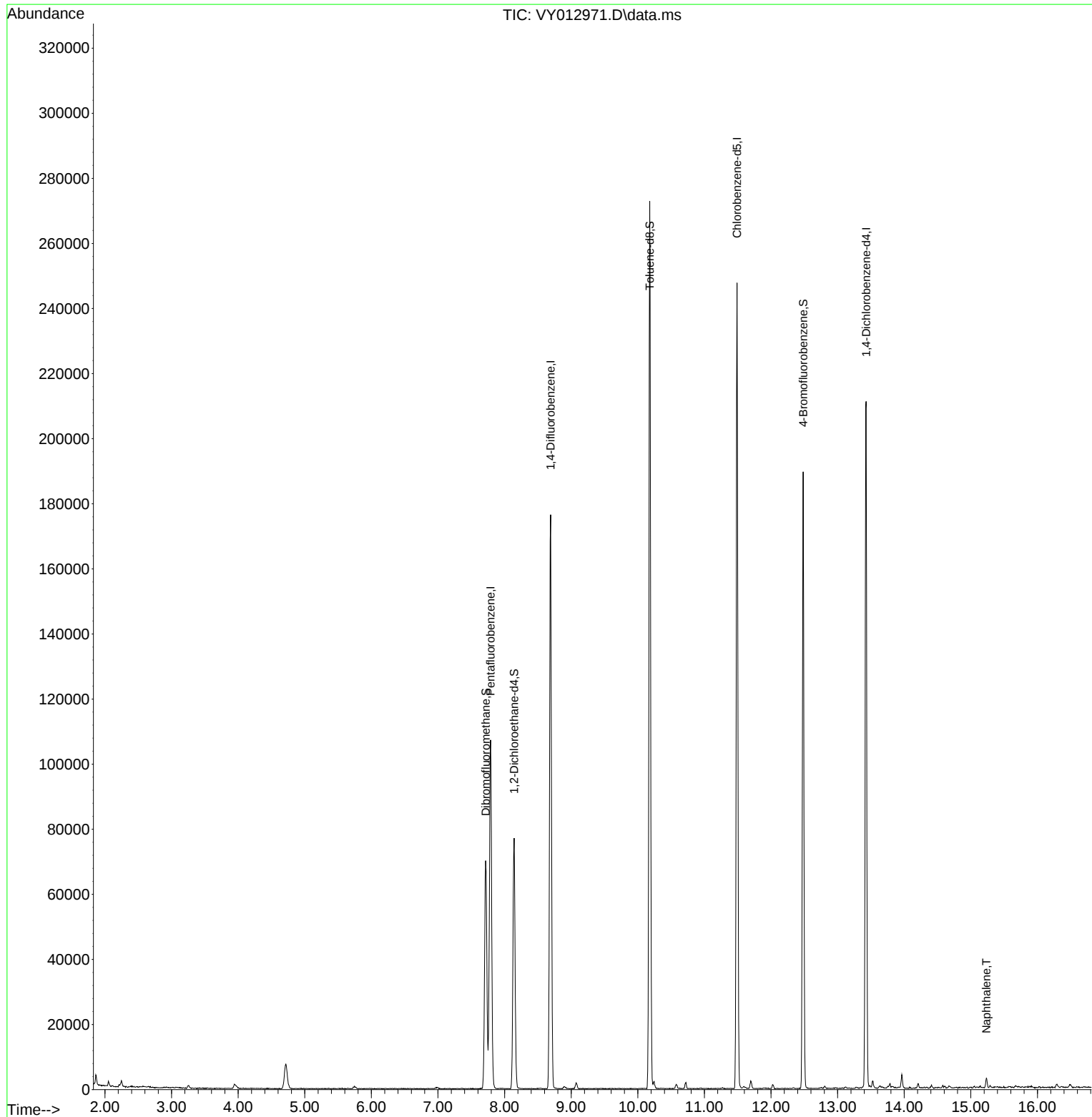
Internal Standards						
1) Pentafluorobenzene	7.789	168	85461	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	145832	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	131054	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	56045	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	57629	67.917	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	135.840%
35) Dibromofluoromethane	7.716	113	50121	56.950	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	113.900%
50) Toluene-d8	10.179	98	174460	54.223	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.440%
62) 4-Bromofluorobenzene	12.483	95	51555	47.474	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	94.940%
Target Compounds						
95) Naphthalene	15.233	128	2541	1.224	ug/l	Qvalue # 96

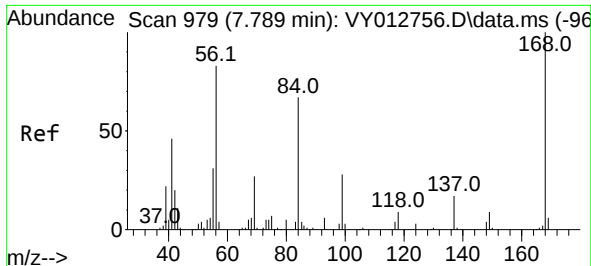
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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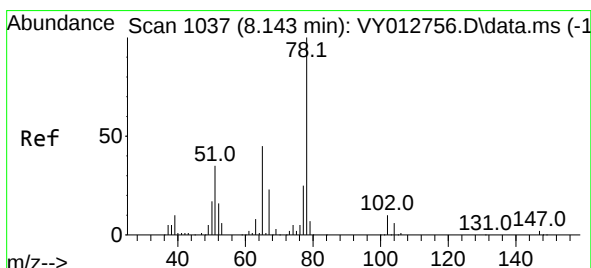
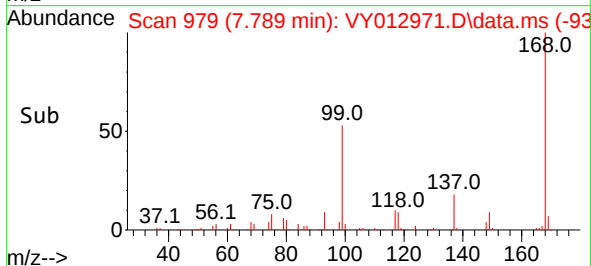
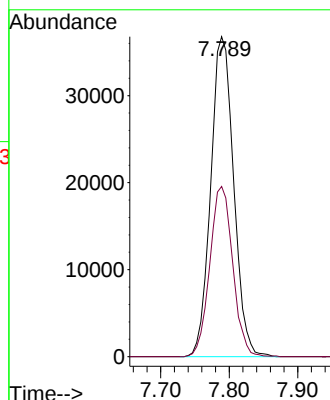
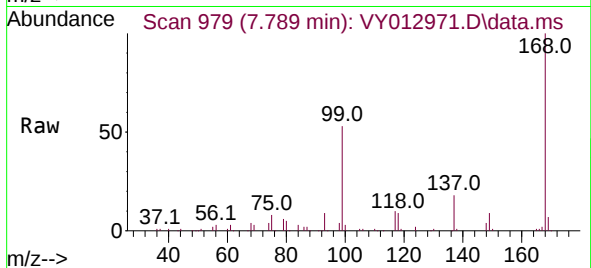




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

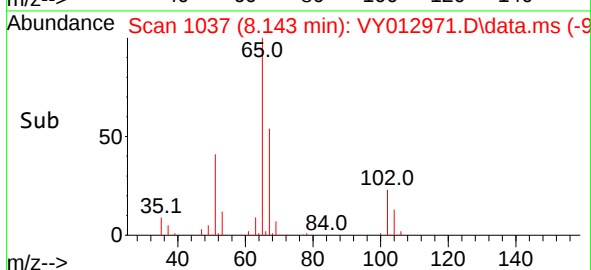
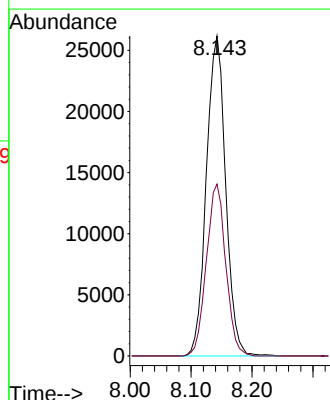
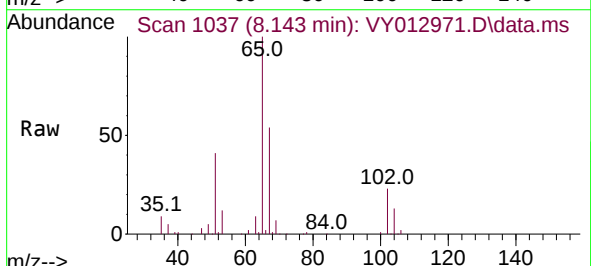
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6A-031423

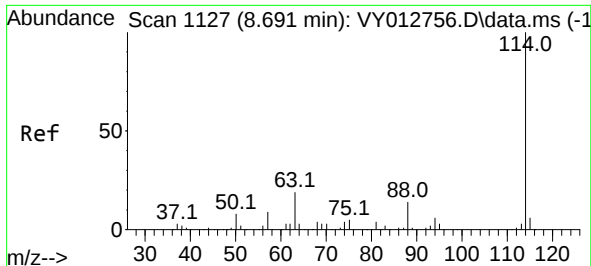
Tgt Ion:168 Resp: 85461
Ion Ratio Lower Upper
168 100
99 53.2 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 67.917 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion: 65 Resp: 57629
Ion Ratio Lower Upper
65 100
67 53.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY012971.D

Acq: 16 Mar 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6A-031423

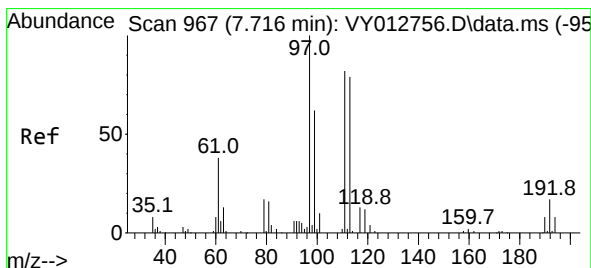
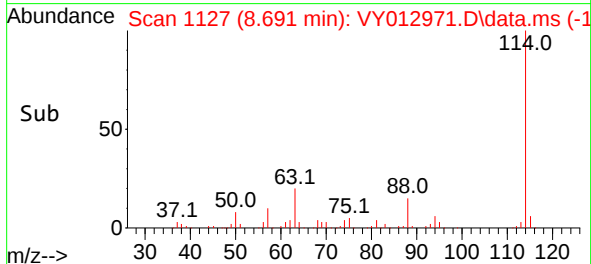
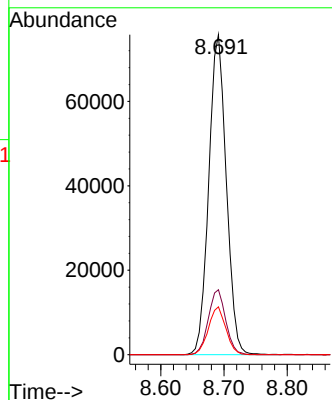
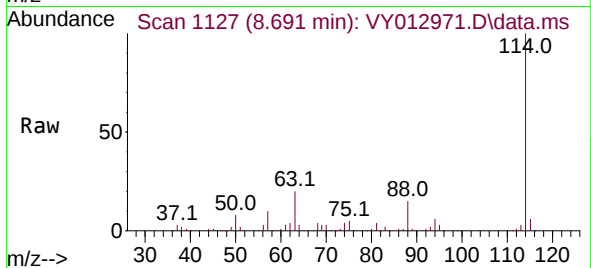
Tgt Ion:114 Resp: 145832

Ion Ratio Lower Upper

114 100

63 20.3 0.0 37.4

88 15.0 0.0 28.6



#35

Dibromofluoromethane

Concen: 56.950 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012971.D

Acq: 16 Mar 2023 15:16

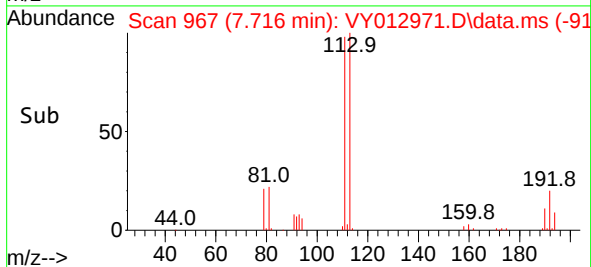
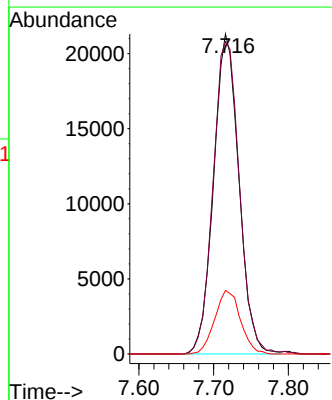
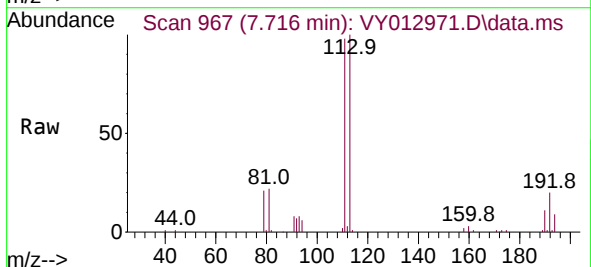
Tgt Ion:113 Resp: 50121

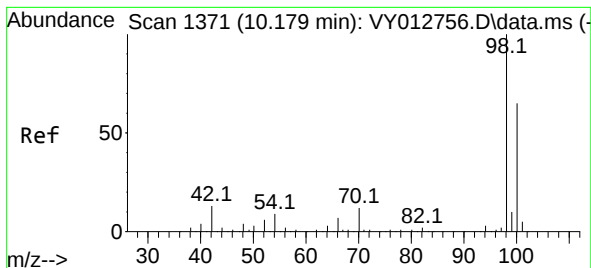
Ion Ratio Lower Upper

113 100

111 101.9 82.2 123.2

192 20.2 16.8 25.2





#50

Toluene-d8

Concen: 54.223 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012971.D

Acq: 16 Mar 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

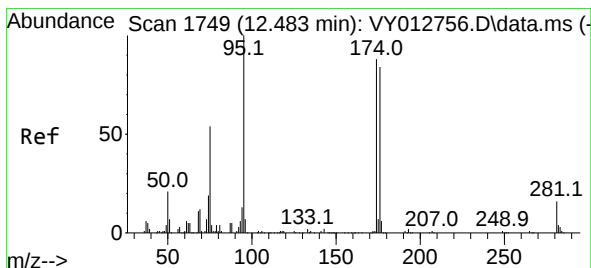
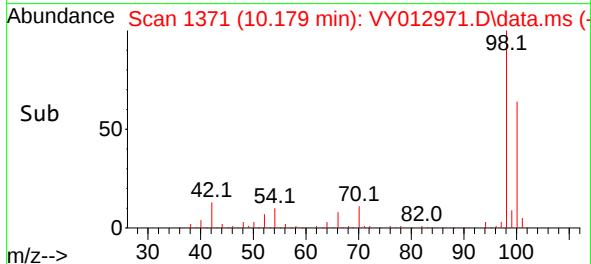
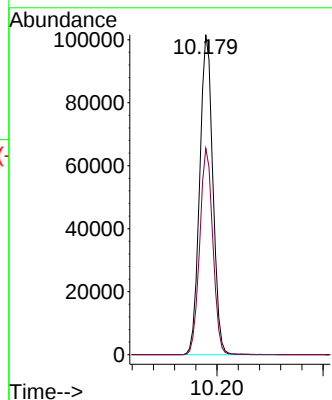
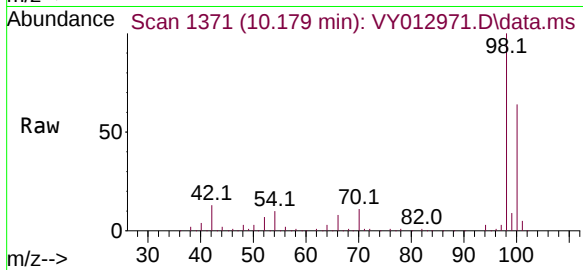
JPP-6A-031423

Tgt Ion: 98 Resp: 174460

Ion Ratio Lower Upper

98 100

100 64.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 47.474 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.000 min

Lab File: VY012971.D

Acq: 16 Mar 2023 15:16

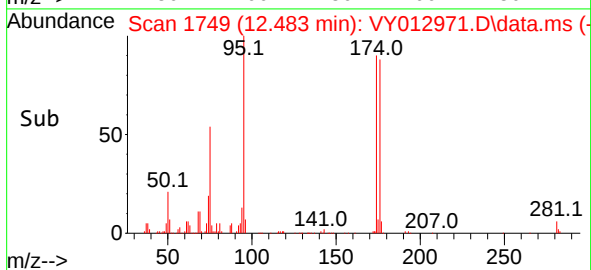
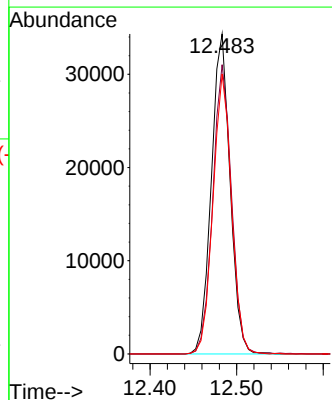
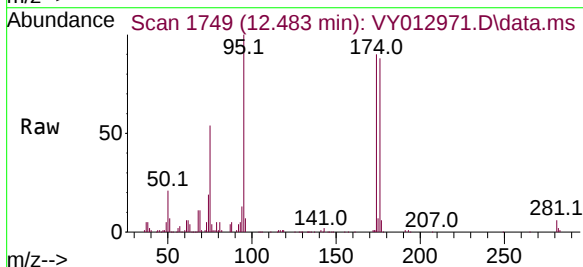
Tgt Ion: 95 Resp: 51555

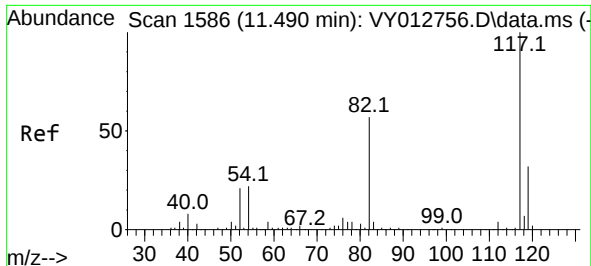
Ion Ratio Lower Upper

95 100

174 90.6 0.0 176.6

176 86.6 0.0 170.2

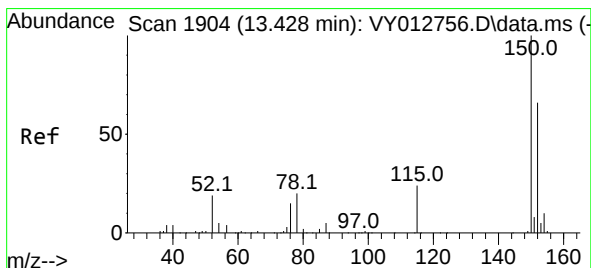
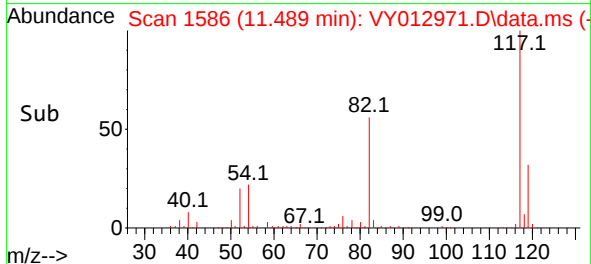
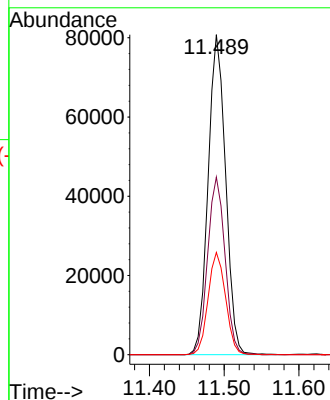
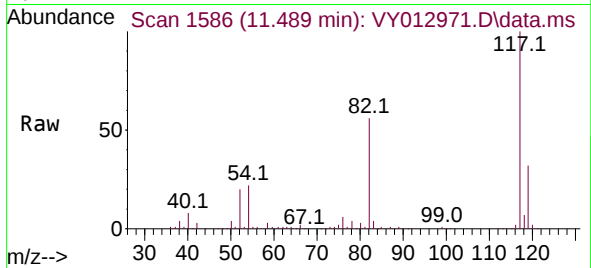




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

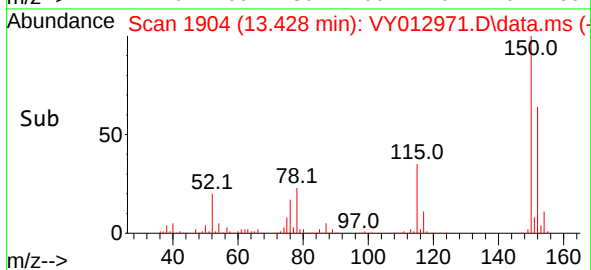
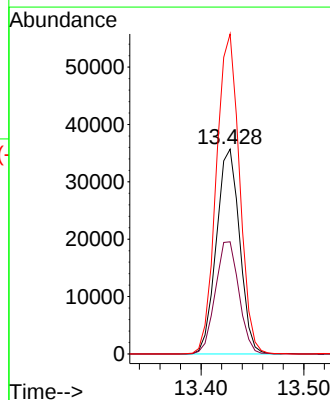
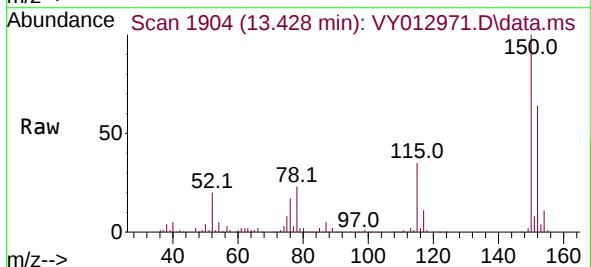
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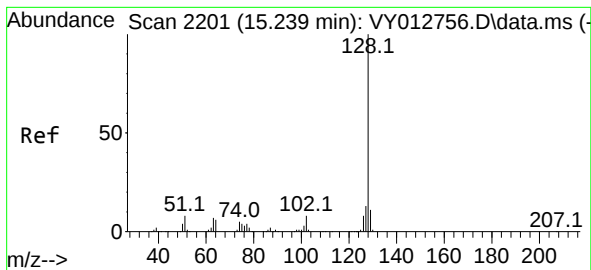
Tgt Ion:117 Resp: 131054
Ion Ratio Lower Upper
117 100
82 55.5 45.4 68.0
119 31.9 25.6 38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. -0.000 min
Lab File: VY012971.D
Acq: 16 Mar 2023 15:16

Tgt Ion:152 Resp: 56045
Ion Ratio Lower Upper
152 100
115 55.6 27.1 81.3
150 155.6 0.0 347.8





#95

Naphthalene

Concen: 1.224 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.006 min

Lab File: VY012971.D

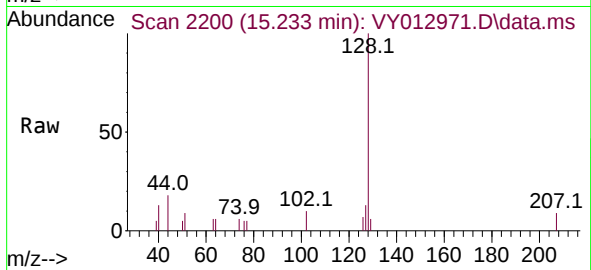
Acq: 16 Mar 2023 15:16

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6A-031423



Tgt Ion:128 Resp: 2541

Ion Ratio Lower Upper

128 100

127 13.8 10.3 15.5

129 8.5 8.6 13.0#

