

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031623\
 Data File : VY012972.D
 Acq On : 16 Mar 2023 15:40
 Operator : KP/MD
 Sample : 01932-17
 Misc : 8.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 JPP-6C-031423

Quant Time: Mar 17 01:36:58 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)

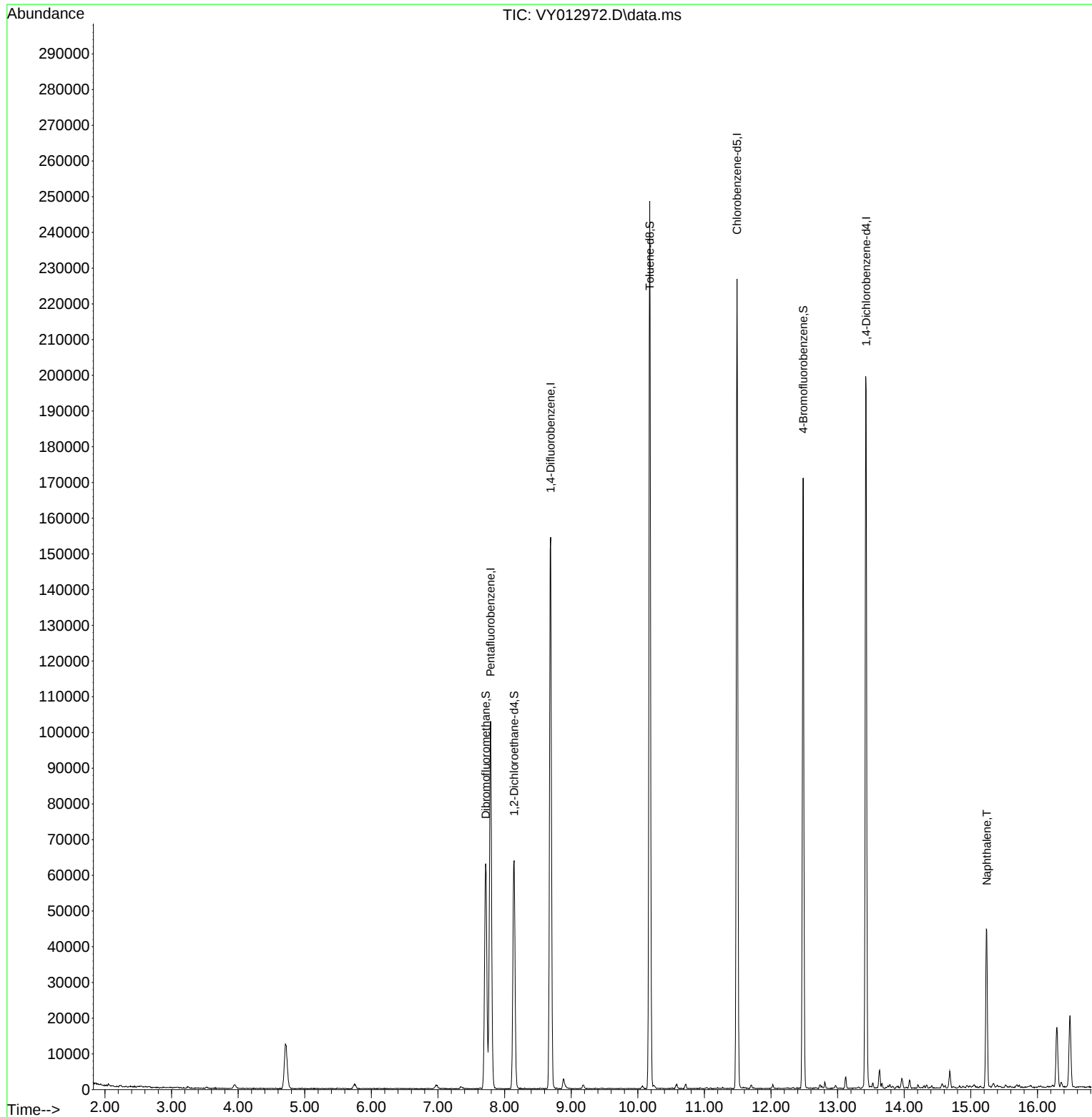
Internal Standards						
1) Pentafluorobenzene	7.789	168	77933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	130646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	116690	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	52450	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50531	65.305	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	130.600%
35) Dibromofluoromethane	7.716	113	44942	57.001	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	114.000%
50) Toluene-d8	10.179	98	156985	54.463	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	108.920%
62) 4-Bromofluorobenzene	12.483	95	47335	48.654	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	97.300%
Target Compounds						
95) Naphthalene	15.239	128	37583	19.348	ug/l	Qvalue 99

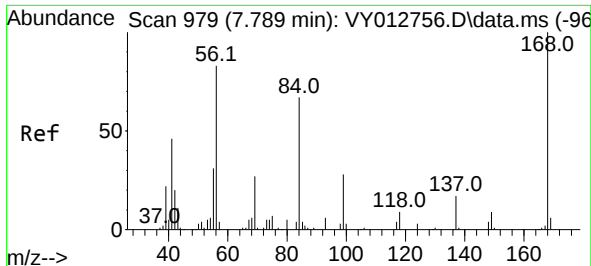
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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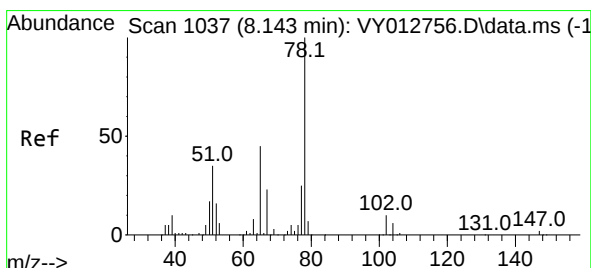
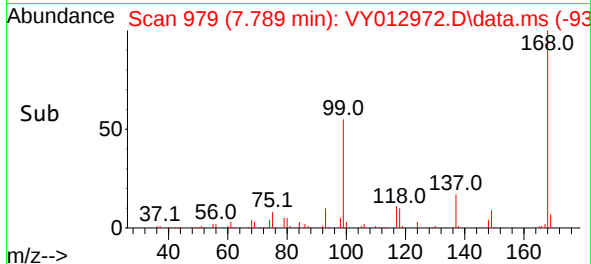
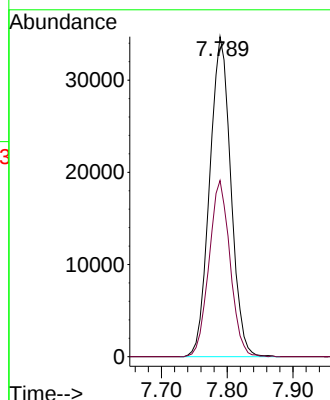
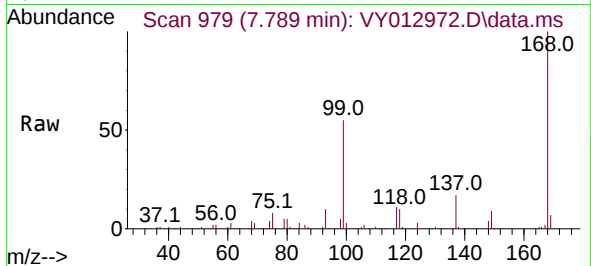




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 979
Delta R.T. 0.000 min
Lab File: VY012972.D
Acq: 16 Mar 2023 15:40

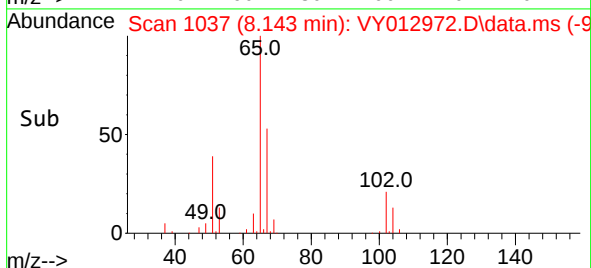
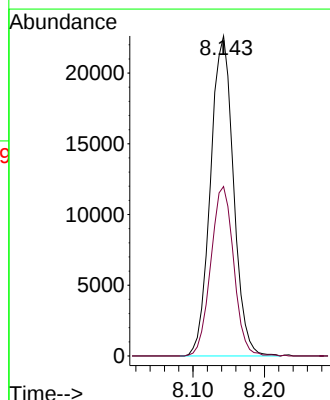
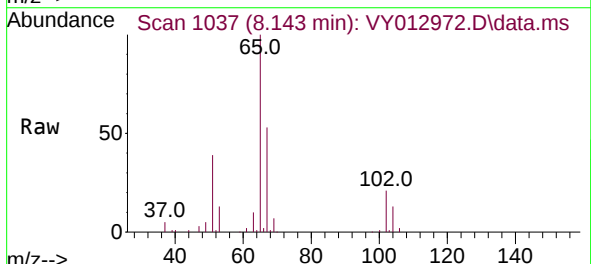
Instrument :
MSVOA_Y
ClientSampleId :
JPP-6C-031423

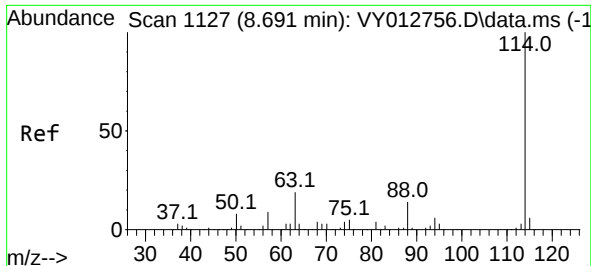
Tgt Ion:168 Resp: 77933
Ion Ratio Lower Upper
168 100
99 55.0 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 65.305 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY012972.D
Acq: 16 Mar 2023 15:40

Tgt Ion: 65 Resp: 50531
Ion Ratio Lower Upper
65 100
67 52.8 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: VY012972.D

Acq: 16 Mar 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6C-031423

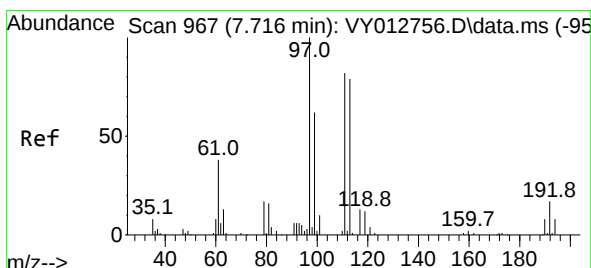
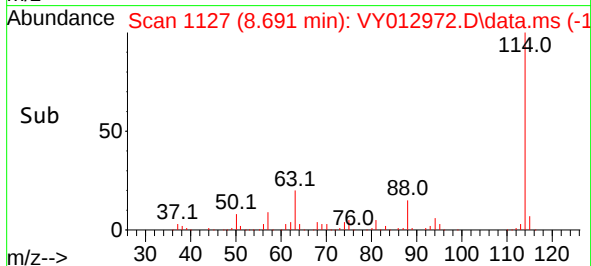
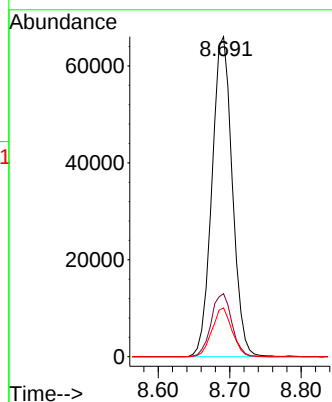
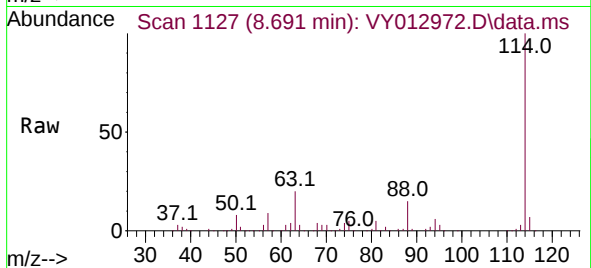
Tgt Ion:114 Resp: 130646

Ion Ratio Lower Upper

114 100

63 19.7 0.0 37.4

88 15.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 57.001 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY012972.D

Acq: 16 Mar 2023 15:40

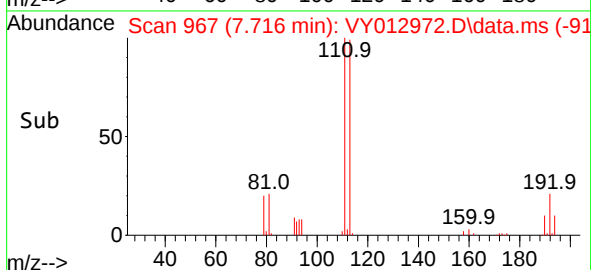
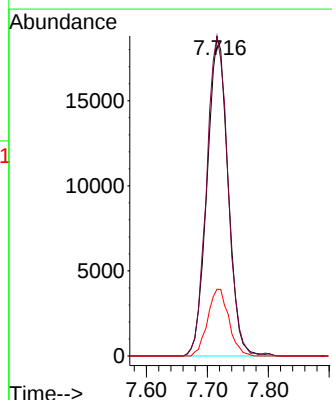
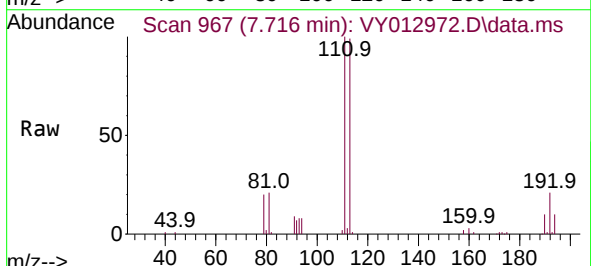
Tgt Ion:113 Resp: 44942

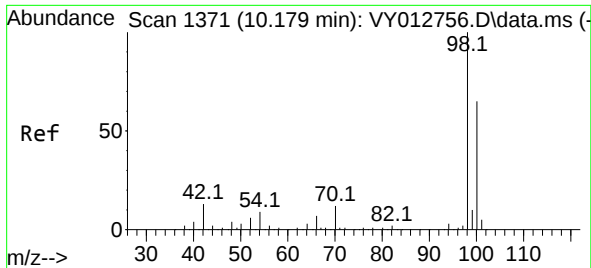
Ion Ratio Lower Upper

113 100

111 101.8 82.2 123.2

192 21.0 16.8 25.2

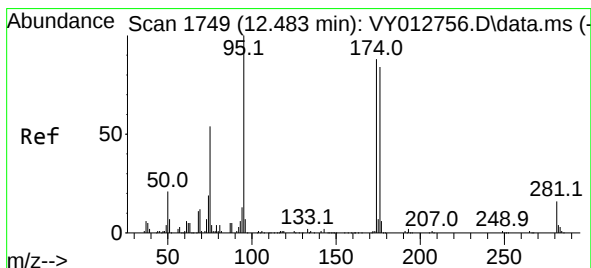
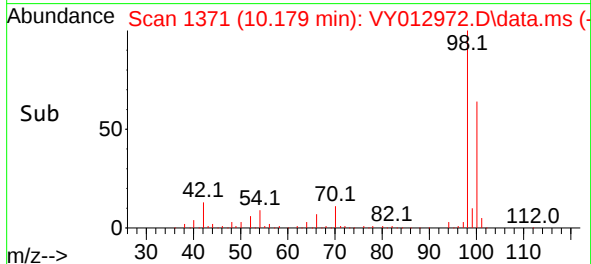
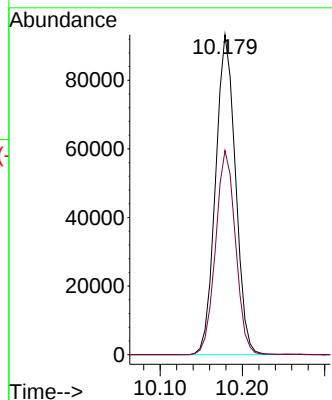
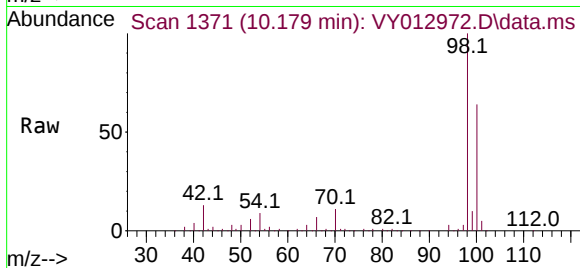




#50
Toluene-d8
Concen: 54.463 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.000 min
Lab File: VY012972.D
Acq: 16 Mar 2023 15:40

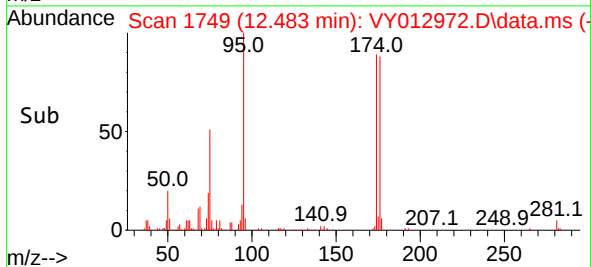
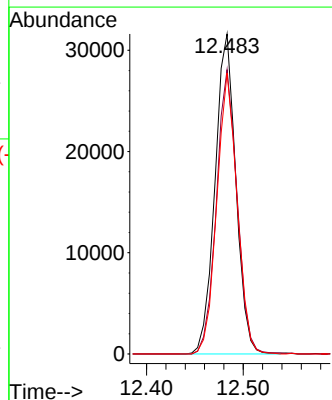
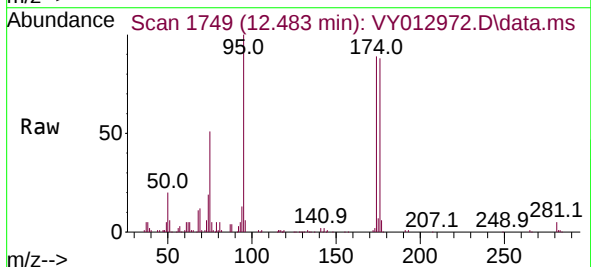
Instrument :
MSVOA_Y
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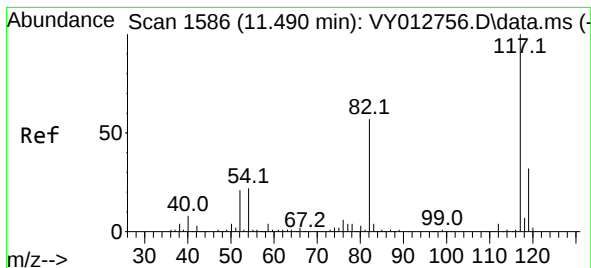
Tgt Ion: 98 Resp: 156985
Ion Ratio Lower Upper
98 100
100 63.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 48.654 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012972.D
Acq: 16 Mar 2023 15:40

Tgt Ion: 95 Resp: 47335
Ion Ratio Lower Upper
95 100
174 88.3 0.0 176.6
176 85.3 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012972.D

Acq: 16 Mar 2023 15:40

Instrument :

MSVOA_Y

ClientSampleId :

JPP-6C-031423

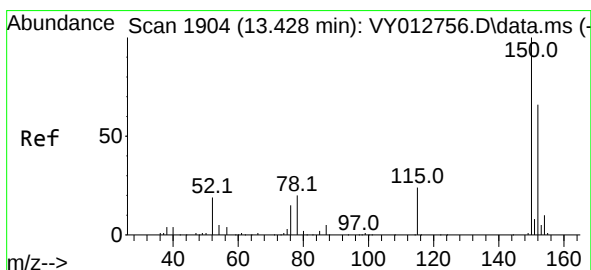
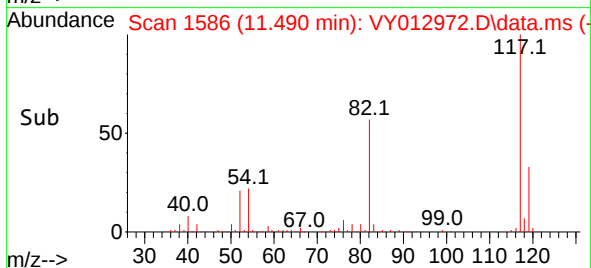
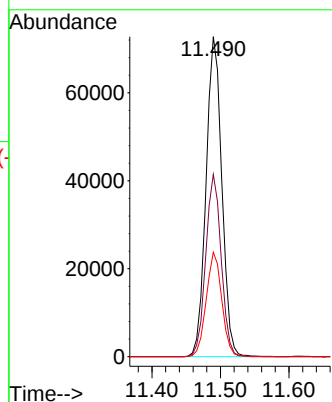
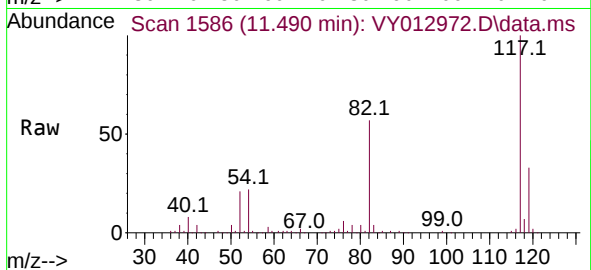
Tgt Ion:117 Resp: 116690

Ion Ratio Lower Upper

117 100

82 56.9 45.4 68.0

119 32.6 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: VY012972.D

Acq: 16 Mar 2023 15:40

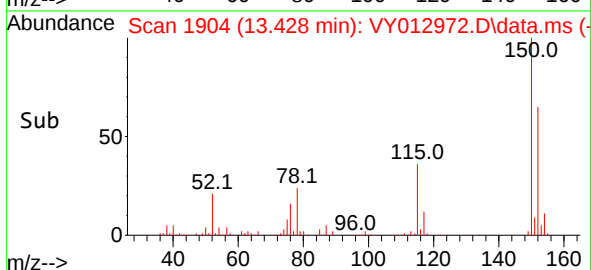
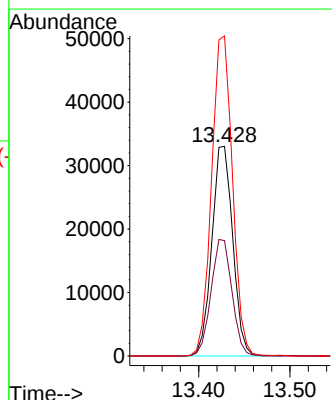
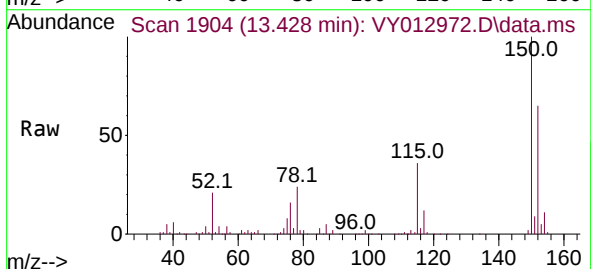
Tgt Ion:152 Resp: 52450

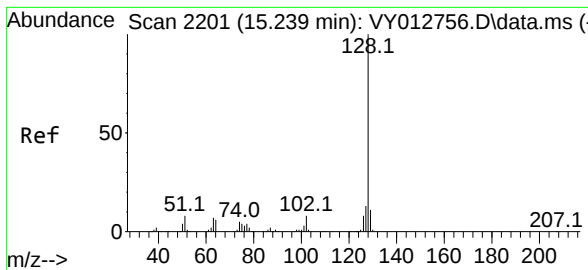
Ion Ratio Lower Upper

152 100

115 55.6 27.1 81.3

150 152.7 0.0 347.8





#95
Naphthalene
Concen: 19.348 ug/l
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: VY012972.D
Acq: 16 Mar 2023 15:40

Instrument :
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ClientSampleId :
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Tgt Ion:	128	Resp:	37583
Ion	Ratio	Lower	Upper
128	100		
127	13.5	10.3	15.5
129	11.1	8.6	13.0

