

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072023\
 Data File : VY014730.D
 Acq On : 20 Jul 2023 18:50
 Operator : SY/MD
 Sample : 03681-06
 Misc : 5.36g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-2-GRAB-2

Quant Time: Jul 21 01:34:53 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y071323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 14 02:09:50 2023
 Response via : Initial Calibration

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

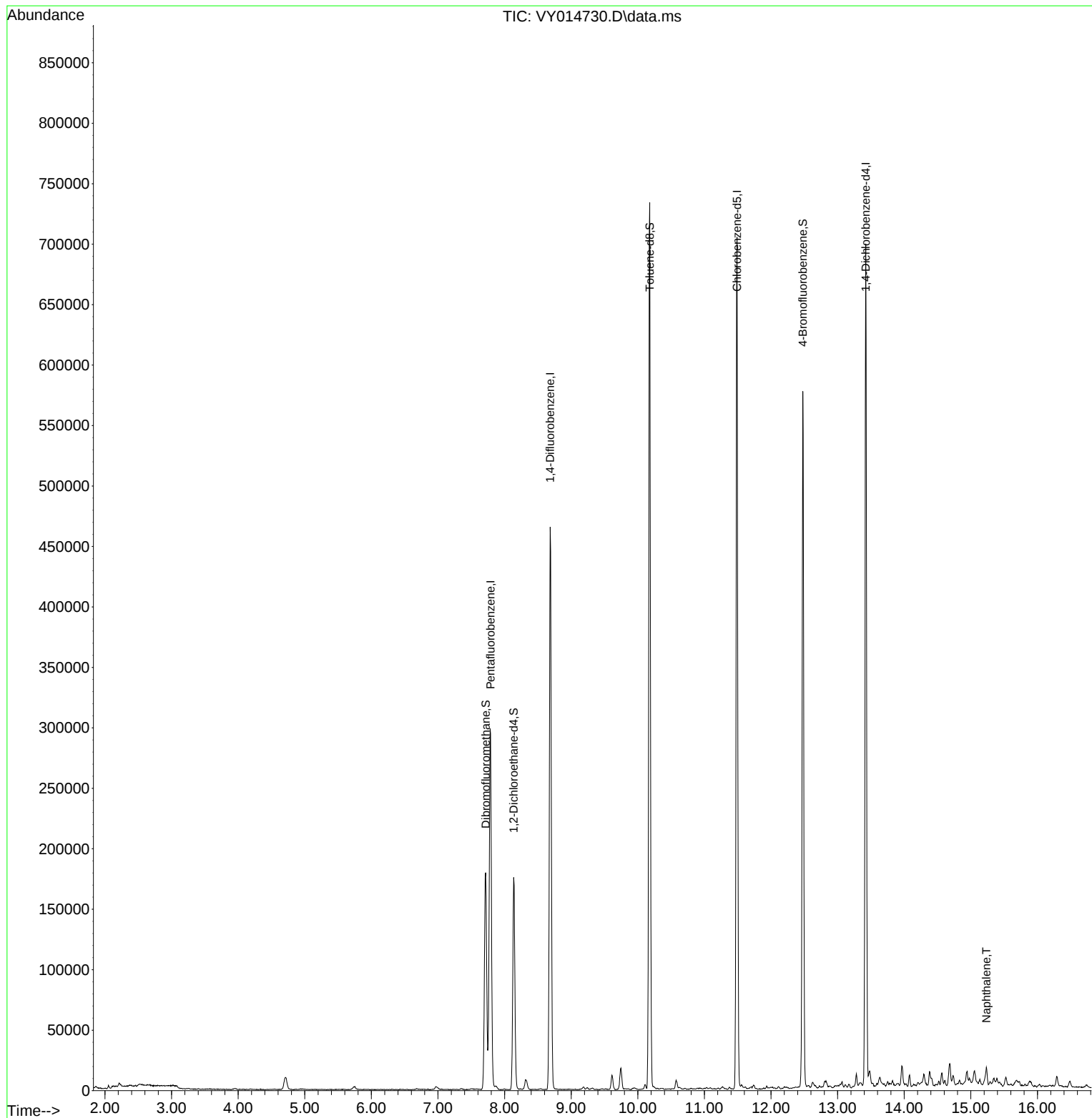
Internal Standards						
1) Pentafluorobenzene	7.789	168	237174	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	408397	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	381427	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	177434	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	134471	49.754	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.500%
35) Dibromofluoromethane	7.716	113	128370	49.378	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.760%
50) Toluene-d8	10.179	98	479495	50.027	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.060%
62) 4-Bromofluorobenzene	12.477	95	180530	49.122	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	98.240%
Target Compounds						
95) Naphthalene	15.233	128	10467	1.252	ug/l	Qvalue 97

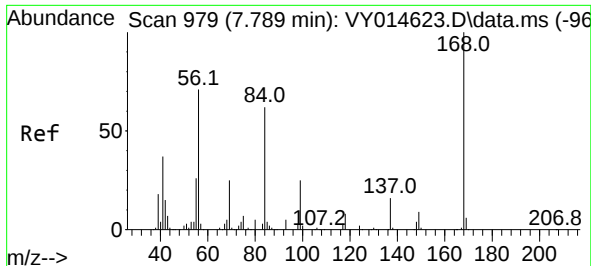
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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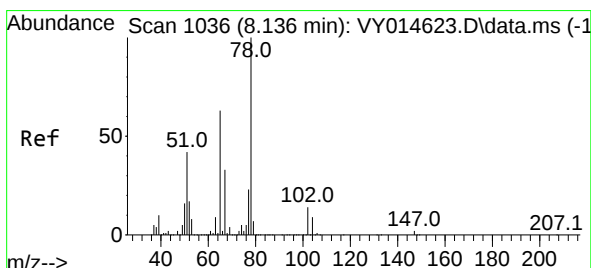
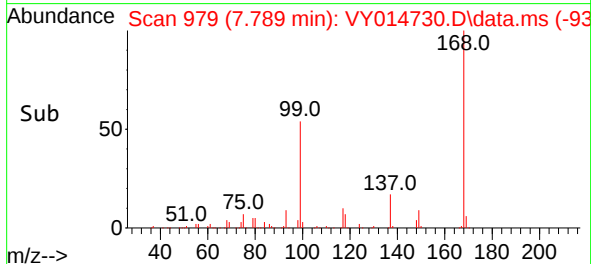
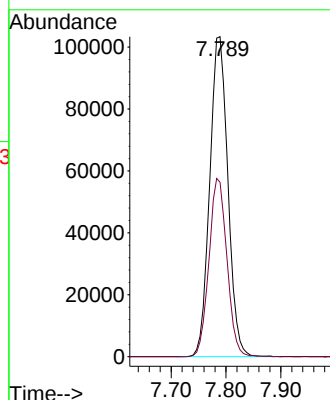
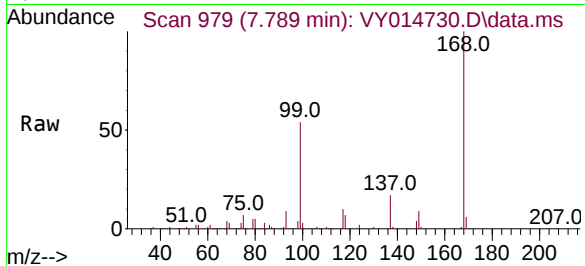




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

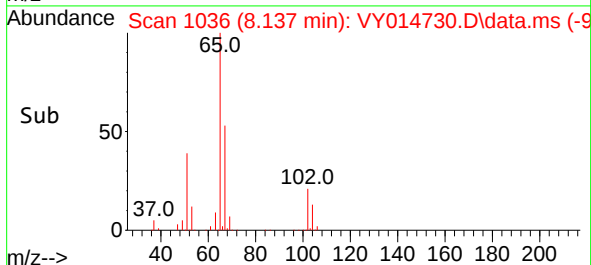
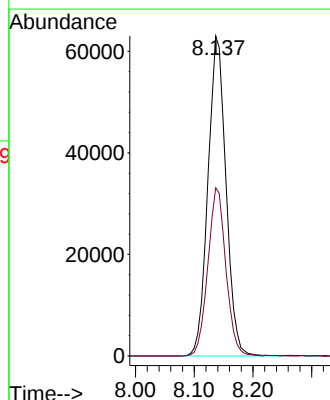
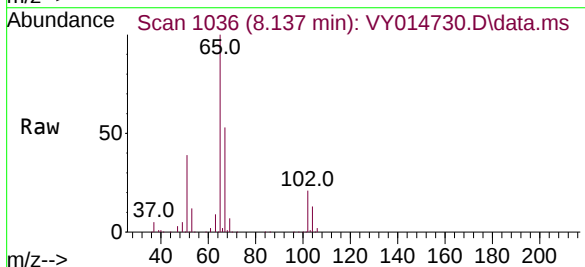
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-2

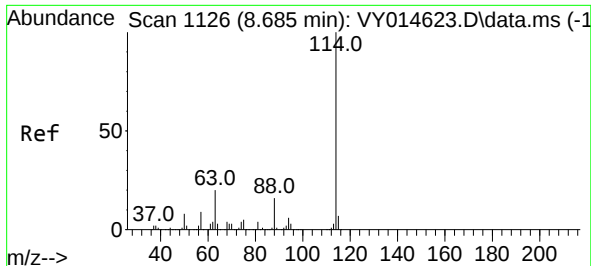
Tgt Ion:168 Resp: 237174
Ion Ratio Lower Upper
168 100
99 54.5 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 49.754 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.001 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

Tgt Ion: 65 Resp: 134471
Ion Ratio Lower Upper
65 100
67 52.5 0.0 101.8

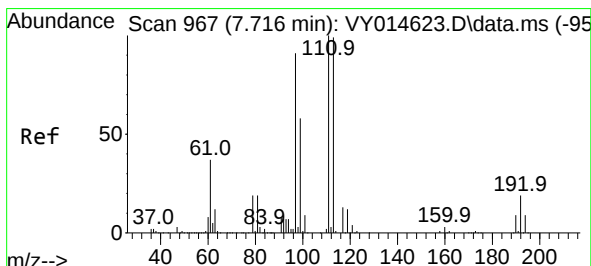
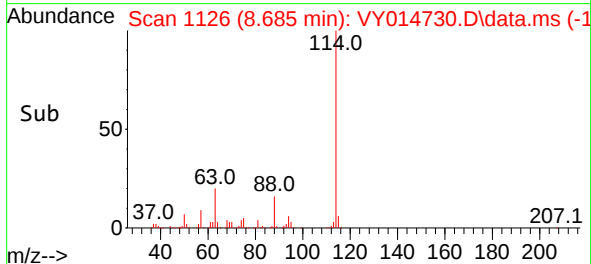
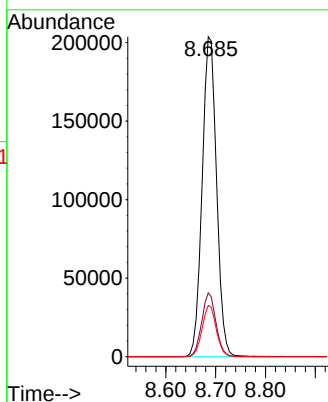
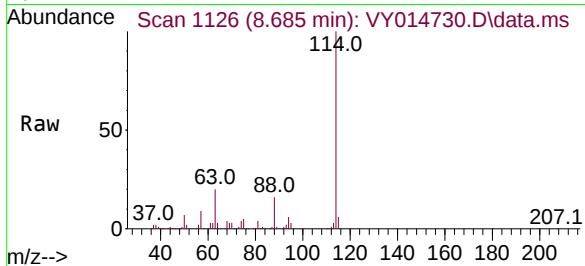




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

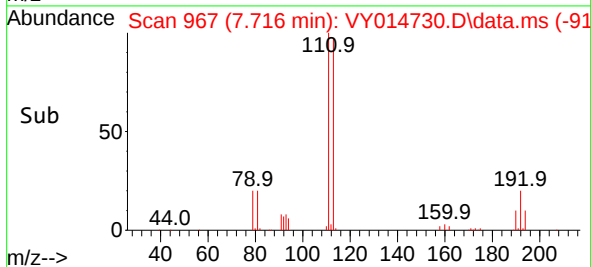
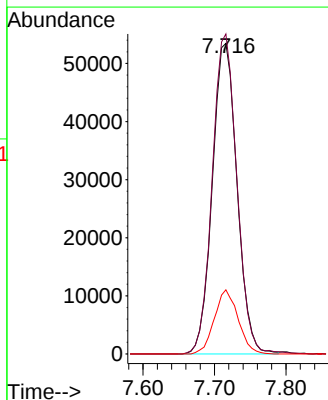
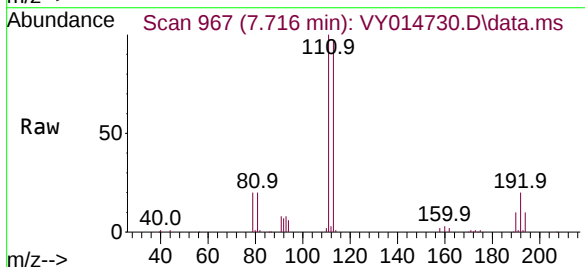
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-2

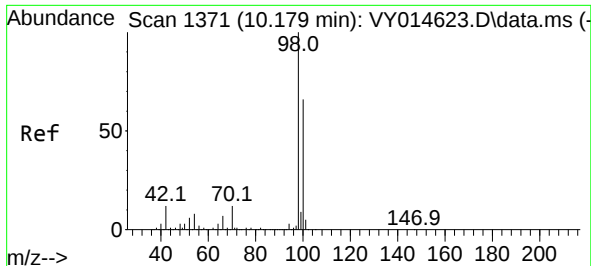
Tgt Ion:114 Resp: 408397
Ion Ratio Lower Upper
114 100
63 19.9 0.0 42.4
88 16.0 0.0 30.6



#35
Dibromofluoromethane
Concen: 49.378 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

Tgt Ion:113 Resp: 128370
Ion Ratio Lower Upper
113 100
111 102.6 81.3 121.9
192 19.8 16.9 25.3

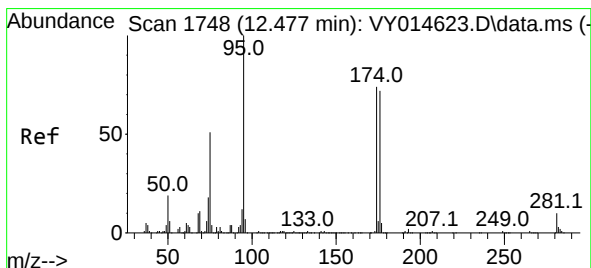
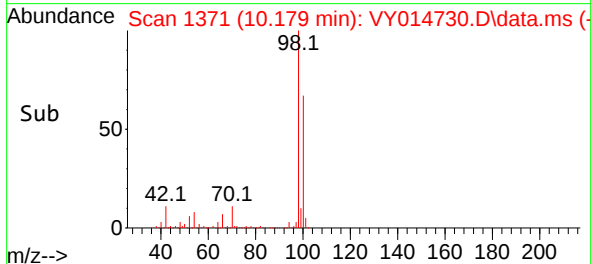
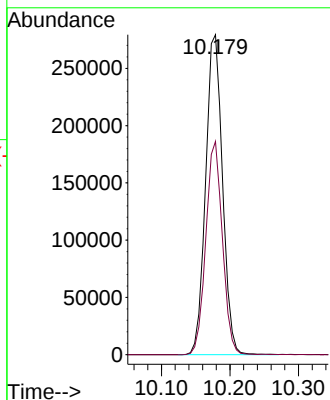
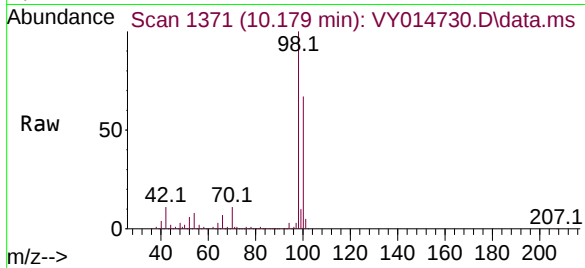




#50
Toluene-d8
Concen: 50.027 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

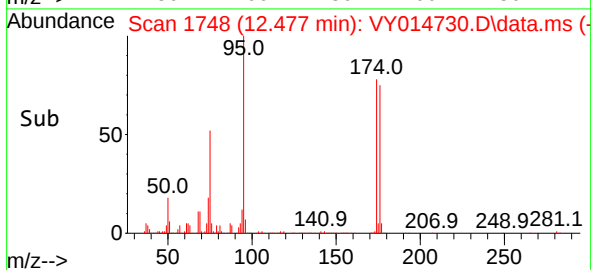
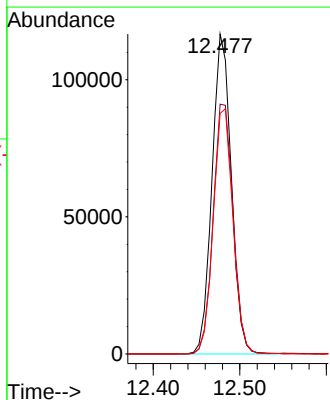
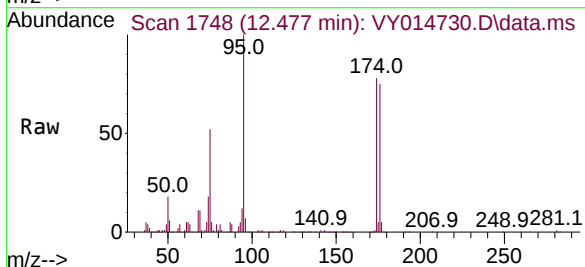
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-2-GRAB-2

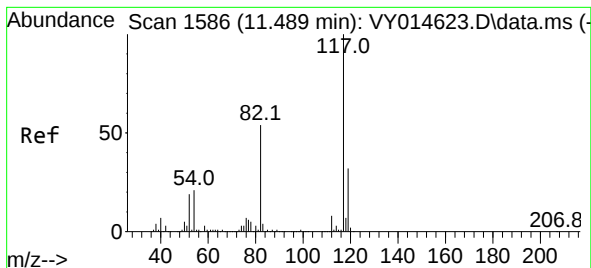
Tgt Ion: 98 Resp: 479495
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.122 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014730.D
Acq: 20 Jul 2023 18:50

Tgt Ion: 95 Resp: 180530
Ion Ratio Lower Upper
95 100
174 81.3 0.0 178.2
176 78.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.001 min

Lab File: VY014730.D

Acq: 20 Jul 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-2-GRAB-2

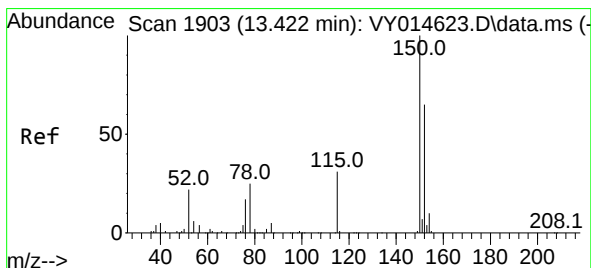
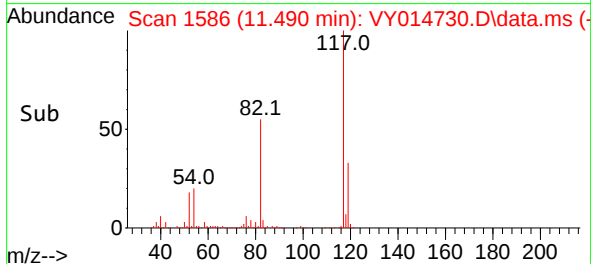
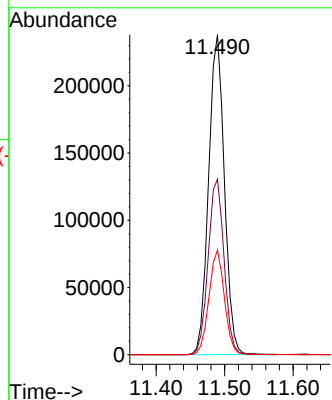
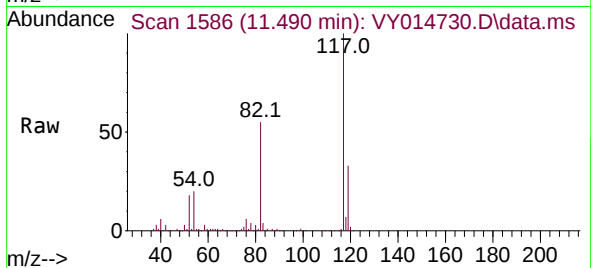
Tgt Ion:117 Resp: 381427

Ion Ratio Lower Upper

117 100

82 54.9 43.4 65.0

119 32.7 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY014730.D

Acq: 20 Jul 2023 18:50

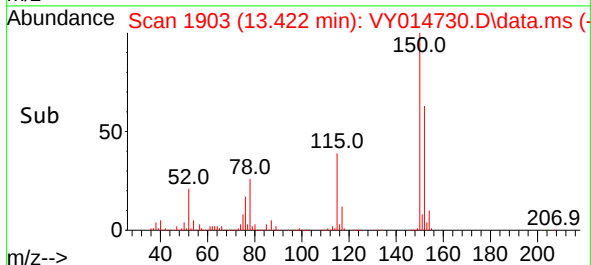
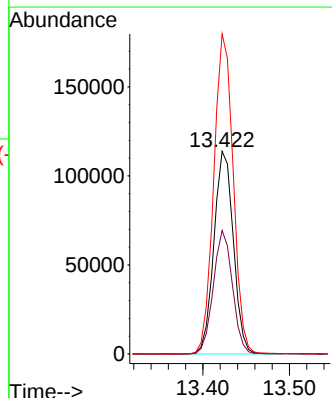
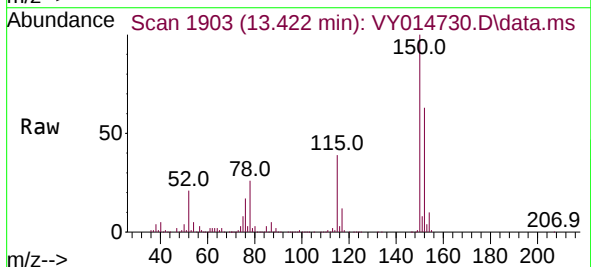
Tgt Ion:152 Resp: 177434

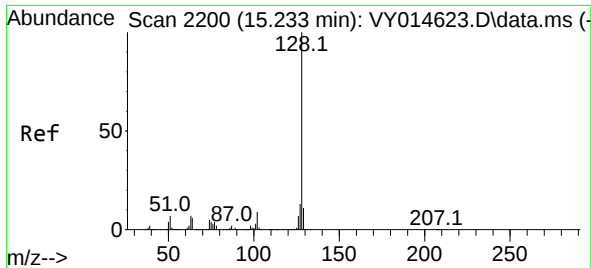
Ion Ratio Lower Upper

152 100

115 59.9 28.8 86.5

150 157.9 0.0 348.8





#95

Naphthalene

Concen: 1.252 ug/l

RT: 15.233 min Scan# 21

Delta R.T. -0.000 min

Lab File: VY014730.D

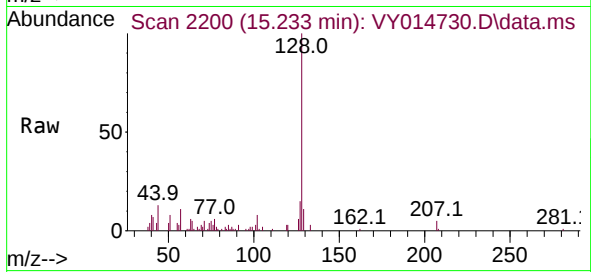
Acq: 20 Jul 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-2-GRAB-2



Tgt Ion:128 Resp: 10467

Ion Ratio Lower Upper

128 100

127 13.1 10.8 16.2

129 12.6 8.6 13.0

