

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY072123\
 Data File : VY014747.D
 Acq On : 21 Jul 2023 15:19
 Operator : SY/MD
 Sample : 03681-17
 Misc : 5.17g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RPTP-6-GRAB-11

Quant Time: Jul 22 05:37:47 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	7.783	168	206222	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	359161	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	340396	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159082	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	126835	53.973	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	107.940%
35) Dibromofluoromethane	7.716	113	113384	49.592	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.180%
50) Toluene-d8	10.179	98	424546	50.366	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	100.740%
62) 4-Bromofluorobenzene	12.477	95	160257	49.583	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	99.160%

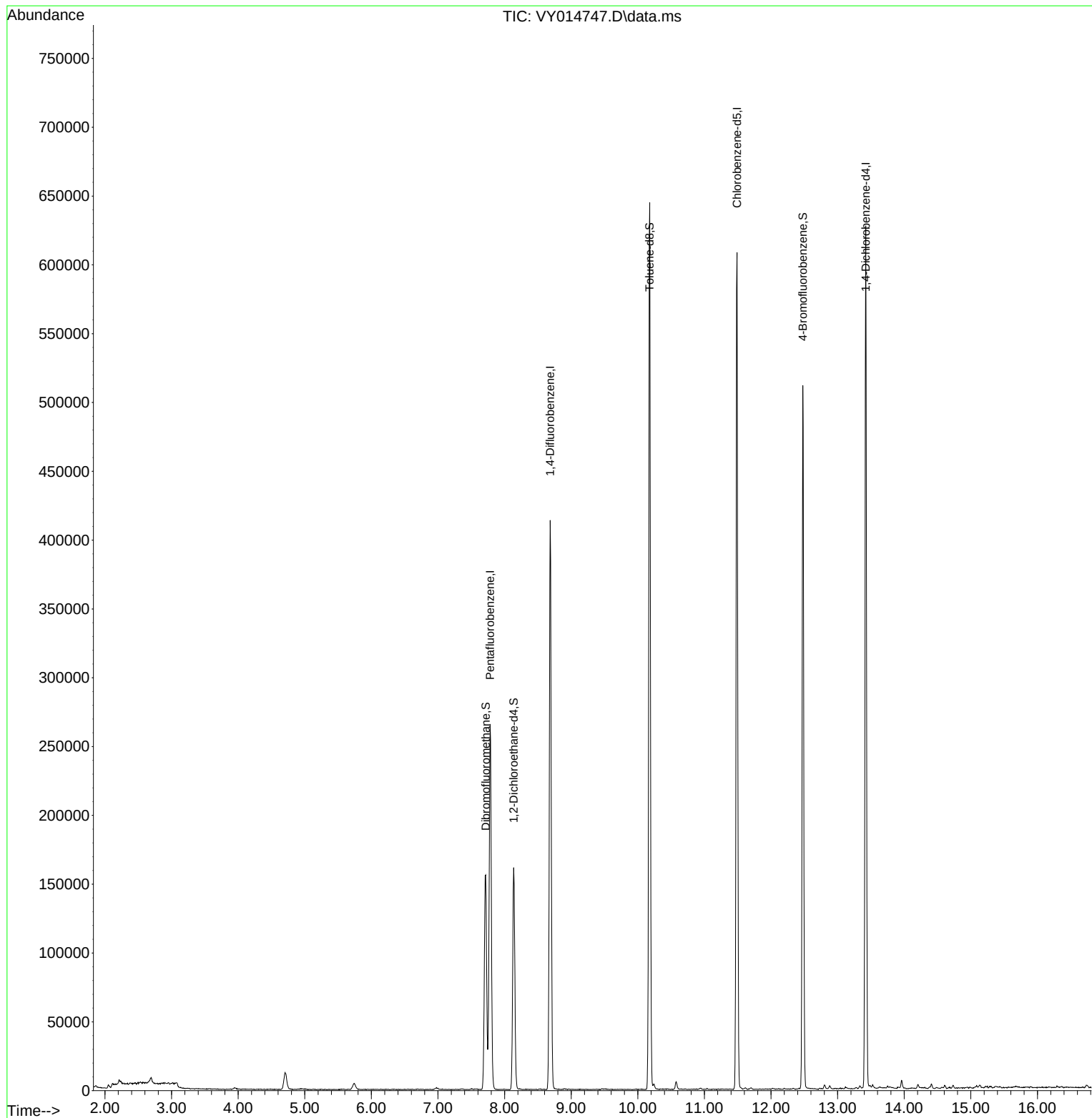
Target Compounds	Qvalue

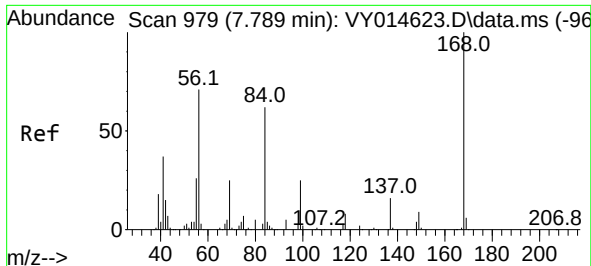
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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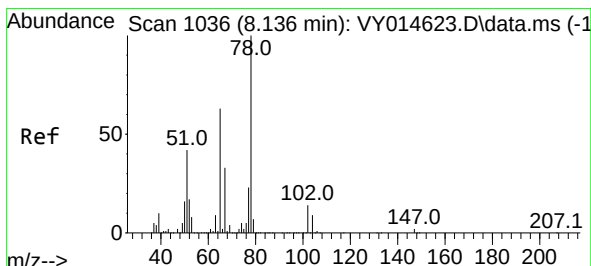
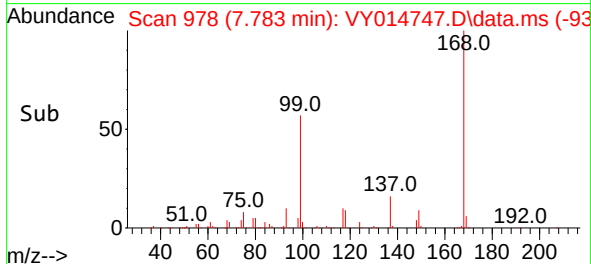
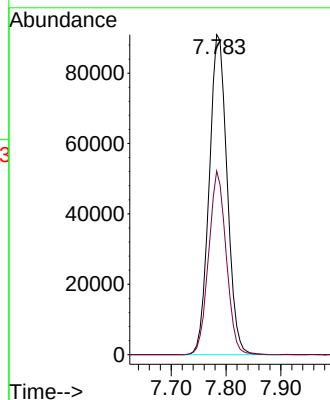
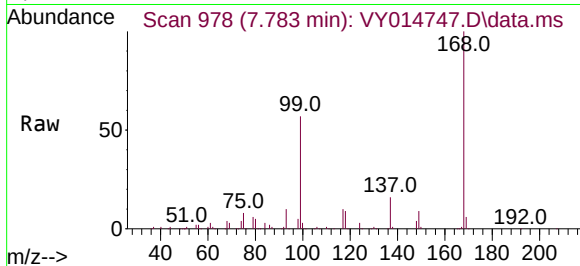




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

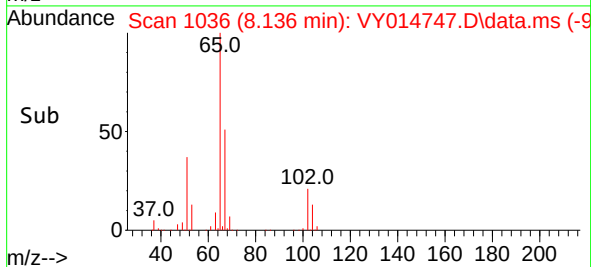
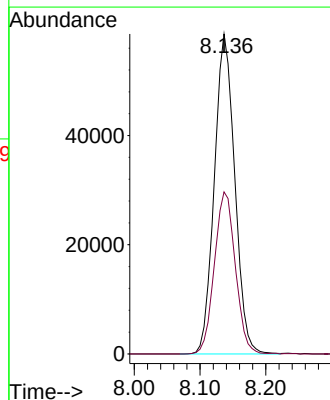
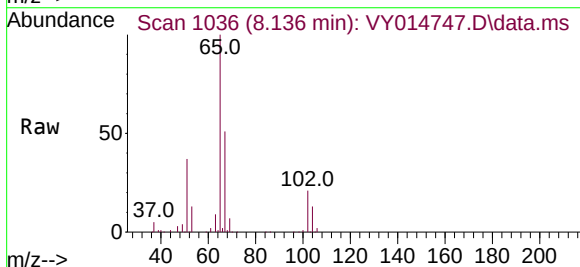
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

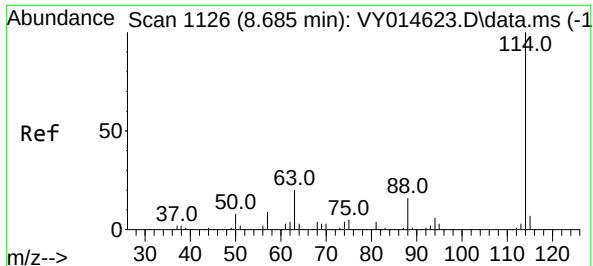
Tgt Ion:168 Resp: 206222
Ion Ratio Lower Upper
168 100
99 57.4 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 53.973 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion: 65 Resp: 126835
Ion Ratio Lower Upper
65 100
67 51.9 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: VY014747.D

Acq: 21 Jul 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-6-GRAB-11

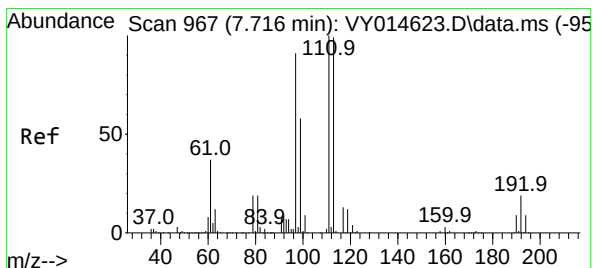
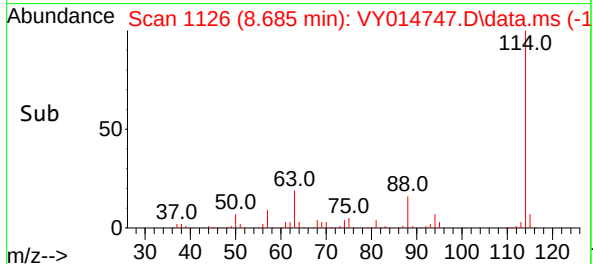
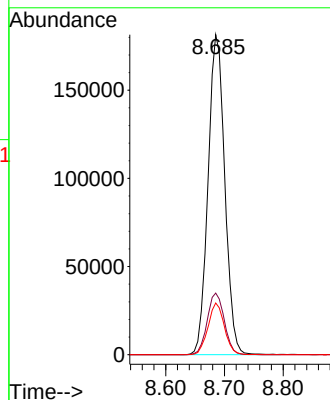
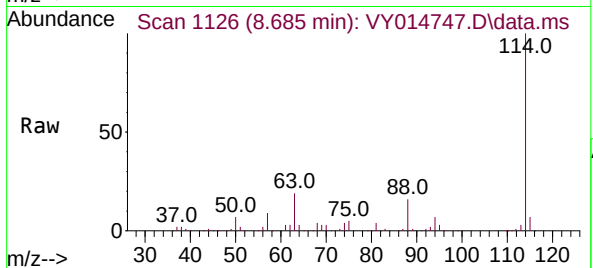
Tgt Ion:114 Resp: 359161

Ion Ratio Lower Upper

114 100

63 19.3 0.0 42.4

88 16.1 0.0 30.6



#35

Dibromofluoromethane

Concen: 49.592 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

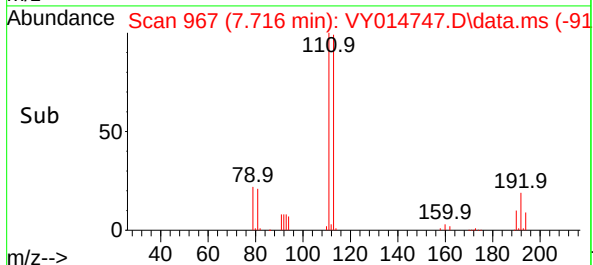
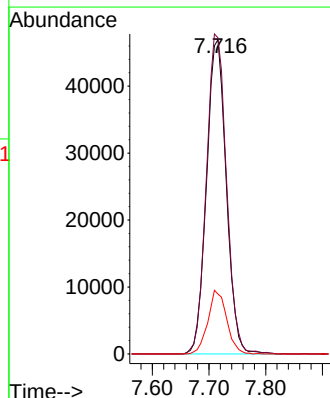
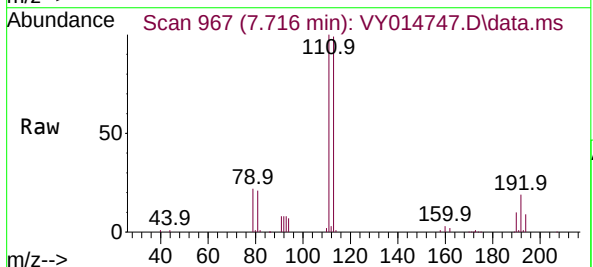
Tgt Ion:113 Resp: 113384

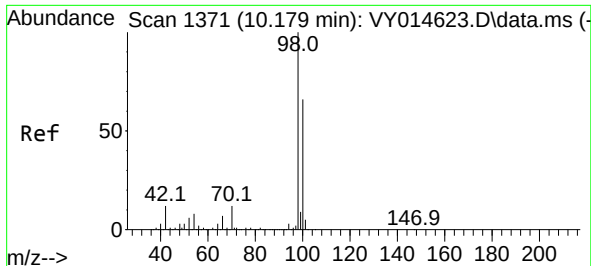
Ion Ratio Lower Upper

113 100

111 103.5 81.3 121.9

192 19.3 16.9 25.3

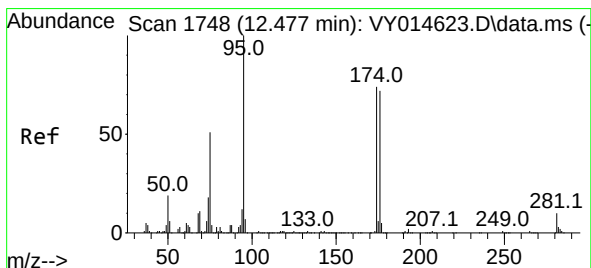
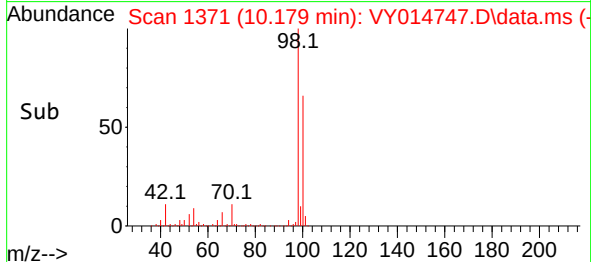
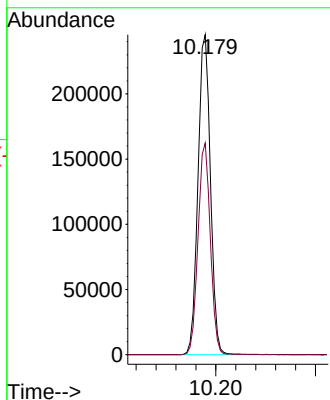
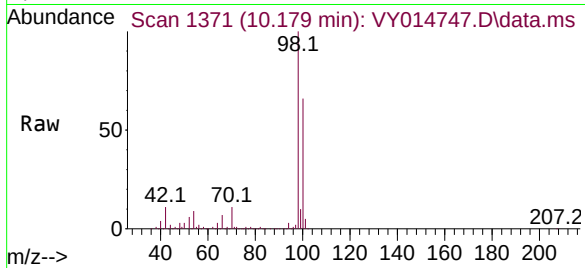




#50
Toluene-d8
Concen: 50.366 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

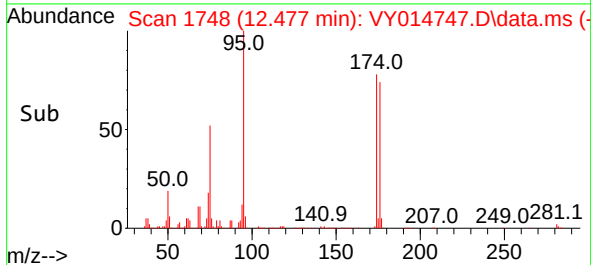
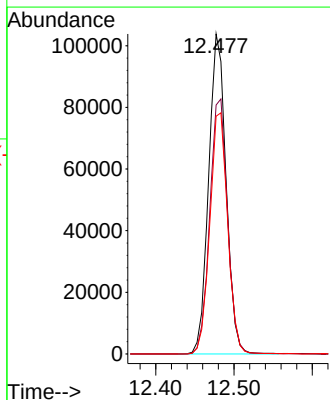
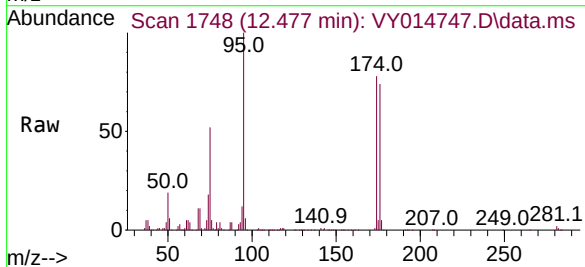
Instrument :
MSVOA_Y
ClientSampleId :
RPTP-6-GRAB-11

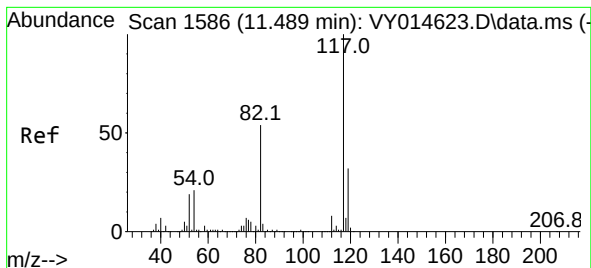
Tgt Ion: 98 Resp: 424546
Ion Ratio Lower Upper
98 100
100 65.5 50.1 75.1



#62
4-Bromofluorobenzene
Concen: 49.583 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY014747.D
Acq: 21 Jul 2023 15:19

Tgt Ion: 95 Resp: 160257
Ion Ratio Lower Upper
95 100
174 81.5 0.0 178.2
176 77.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY014747.D

Acq: 21 Jul 2023 15:19

Instrument :

MSVOA_Y

ClientSampleId :

RPTP-6-GRAB-11

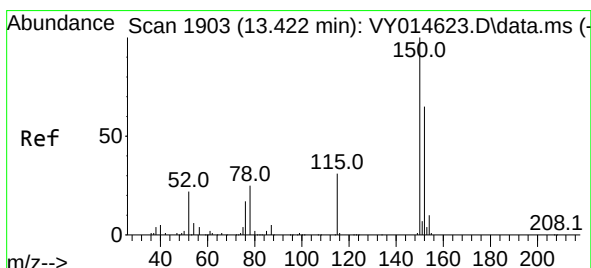
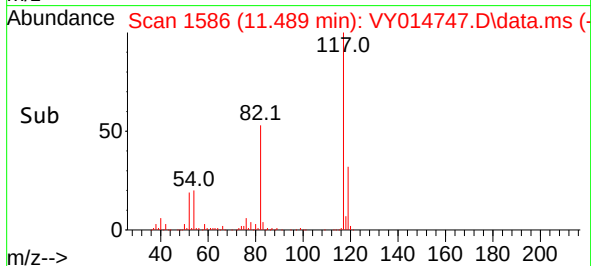
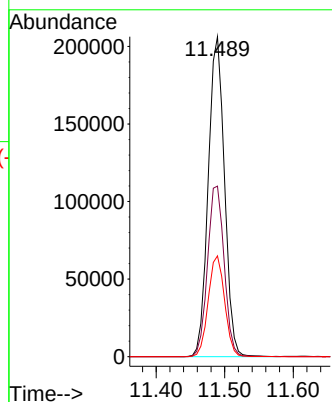
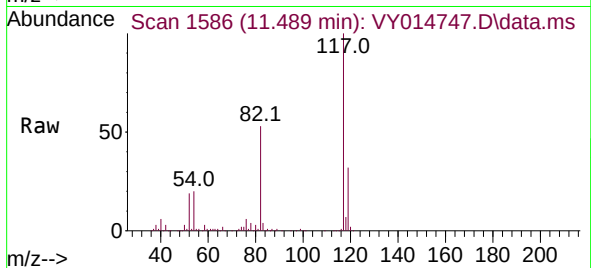
Tgt Ion:117 Resp: 340396

Ion Ratio Lower Upper

117 100

82 53.3 43.4 65.0

119 31.5 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: VY014747.D

Acq: 21 Jul 2023 15:19

Tgt Ion:152 Resp: 159082

Ion Ratio Lower Upper

152 100

115 59.5 28.8 86.5

150 156.5 0.0 348.8

