

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY021723\
 Data File : VY012660.D
 Acq On : 17 Feb 2023 18:50
 Operator : KP/MD
 Sample : 01606-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VNJ-210

Quant Time: Feb 17 22:49:59 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020723S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 17 18:08:19 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	109940	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	186353	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	197848	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	99132	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	70352	50.323	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	100.640%
35) Dibromofluoromethane	7.715	113	57068	42.050	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	84.100%
50) Toluene-d8	10.178	98	223231	39.518	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.040%
62) 4-Bromofluorobenzene	12.483	95	79848	40.526	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	81.060%

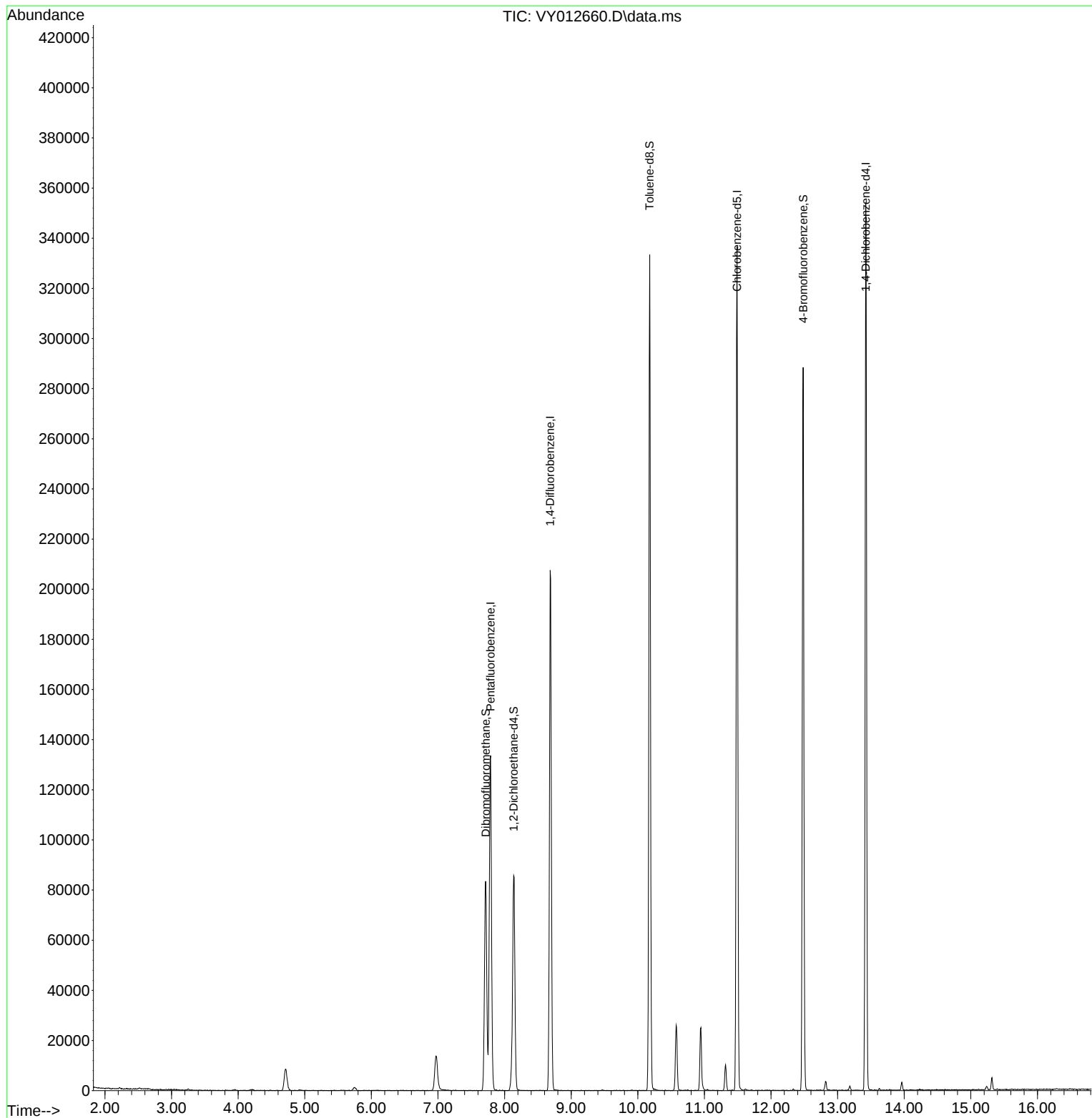
Target Compounds	Qvalue

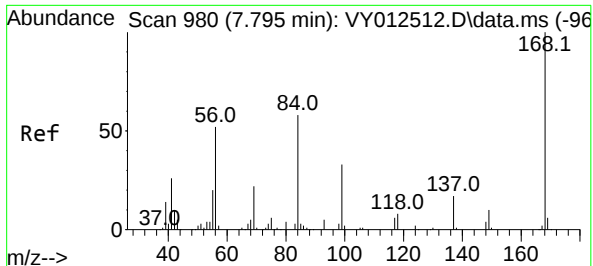
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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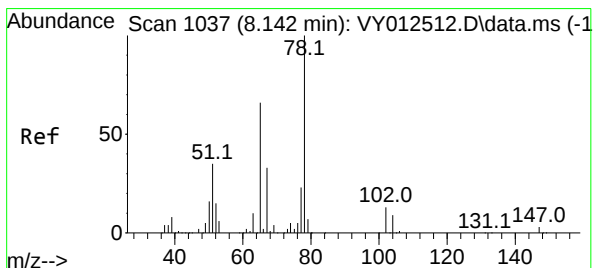
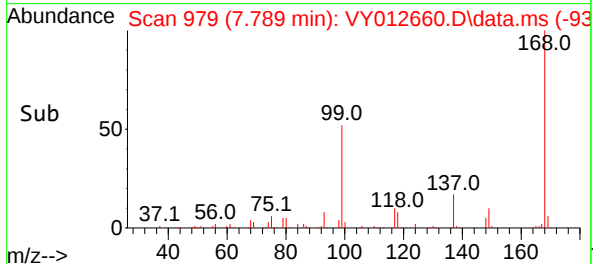
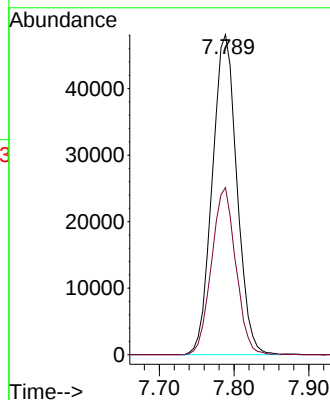
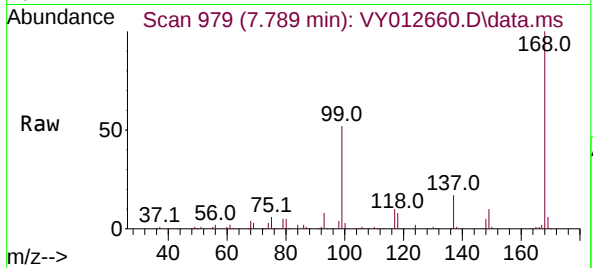




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY012660.D
Acq: 17 Feb 2023 18:50

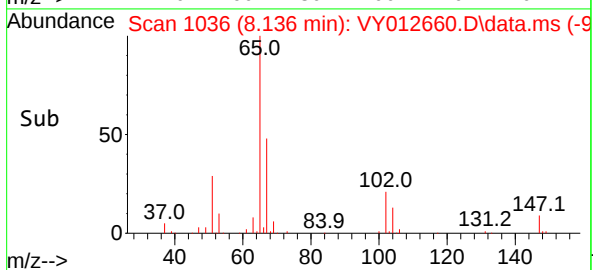
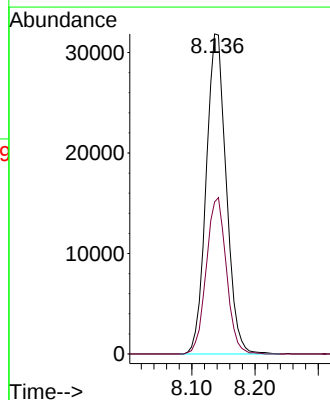
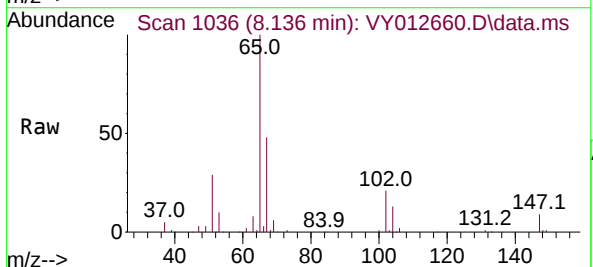
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

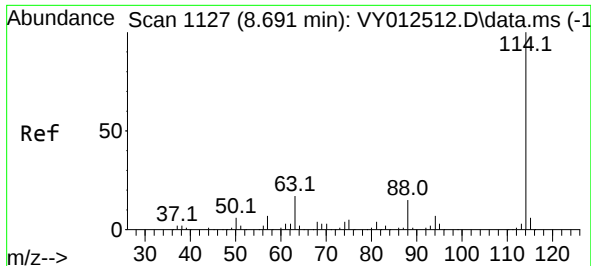
Tgt Ion:168 Resp: 109940
Ion Ratio Lower Upper
168 100
99 52.2 40.8 61.2



#33
1,2-Dichloroethane-d4
Concen: 50.323 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012660.D
Acq: 17 Feb 2023 18:50

Tgt Ion: 65 Resp: 70352
Ion Ratio Lower Upper
65 100
67 48.9 0.0 98.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY012660.D

Acq: 17 Feb 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

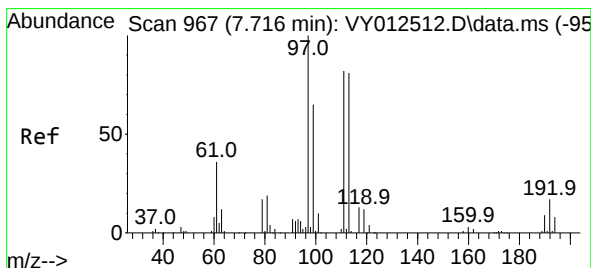
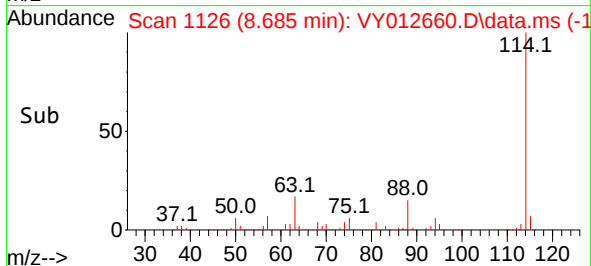
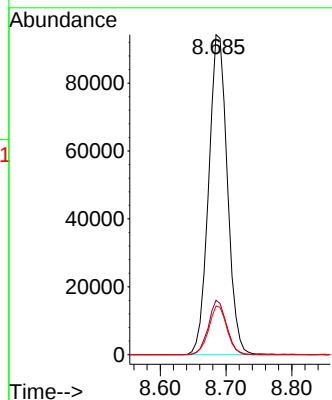
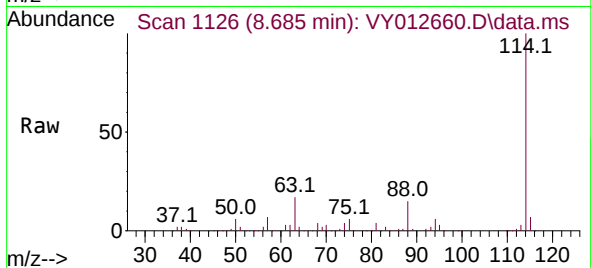
Tgt Ion:114 Resp: 186353

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.6

88 15.2 0.0 29.8



#35

Dibromofluoromethane

Concen: 42.050 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012660.D

Acq: 17 Feb 2023 18:50

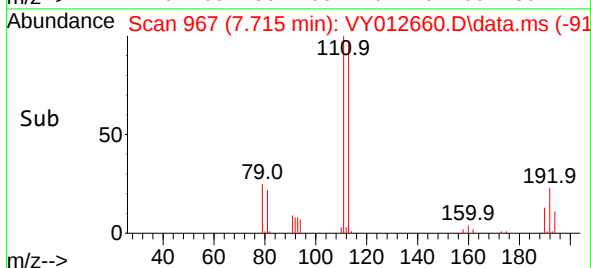
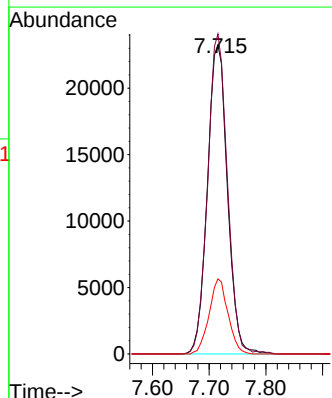
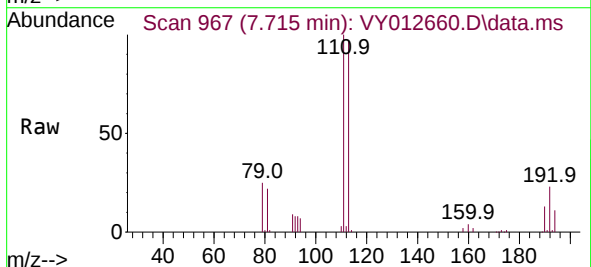
Tgt Ion:113 Resp: 57068

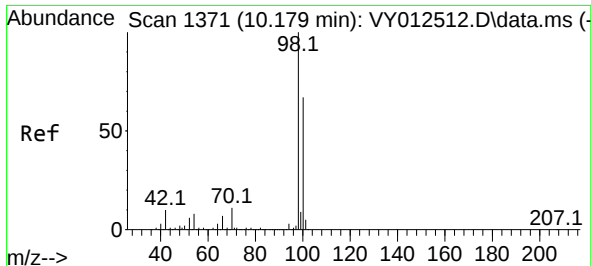
Ion Ratio Lower Upper

113 100

111 101.9 81.9 122.9

192 22.9 17.5 26.3

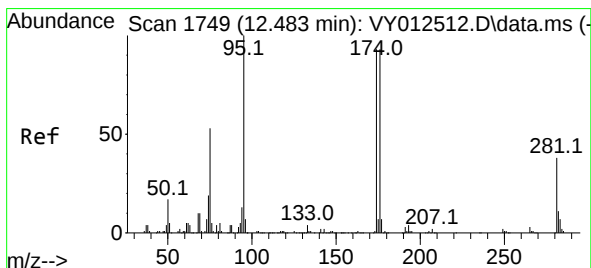
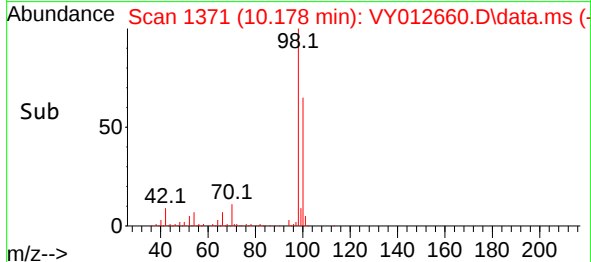
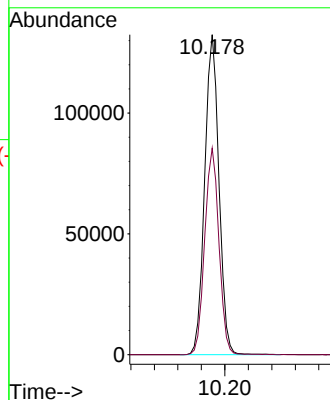
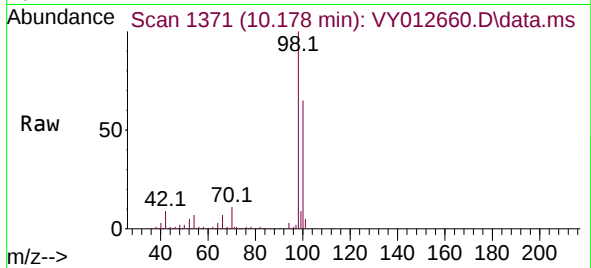




#50
Toluene-d8
Concen: 39.518 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY012660.D
Acq: 17 Feb 2023 18:50

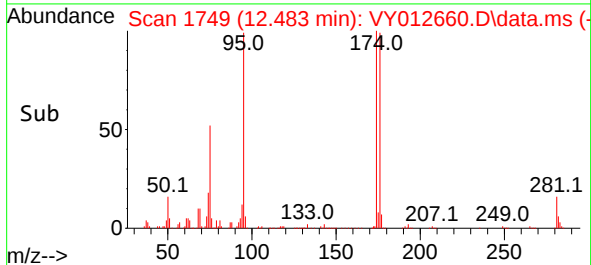
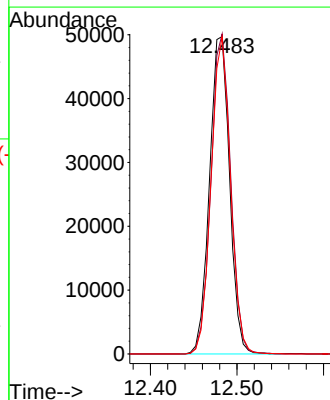
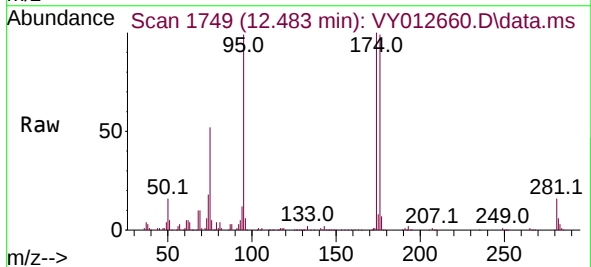
Instrument :
MSVOA_Y
ClientSampleId :
VNJ-210

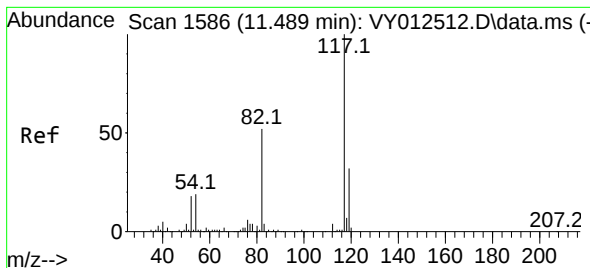
Tgt Ion: 98 Resp: 223231
Ion Ratio Lower Upper
98 100
100 64.5 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 40.526 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY012660.D
Acq: 17 Feb 2023 18:50

Tgt Ion: 95 Resp: 79848
Ion Ratio Lower Upper
95 100
174 99.1 0.0 188.0
176 96.7 0.0 183.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012660.D

Acq: 17 Feb 2023 18:50

Instrument :

MSVOA_Y

ClientSampleId :

VNJ-210

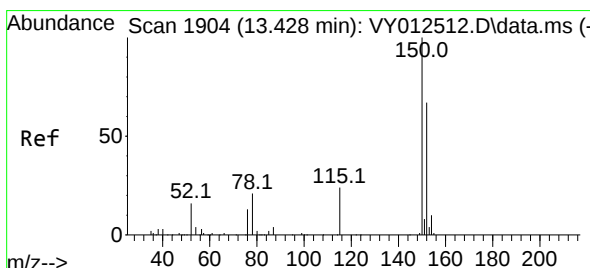
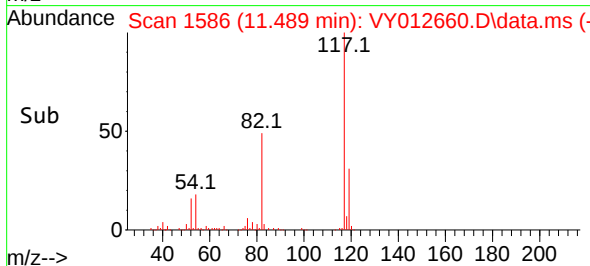
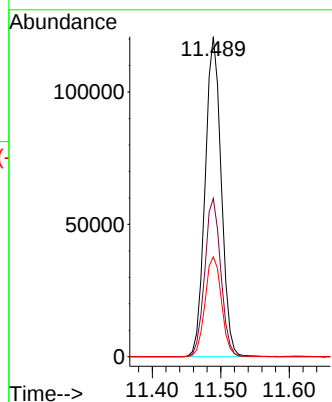
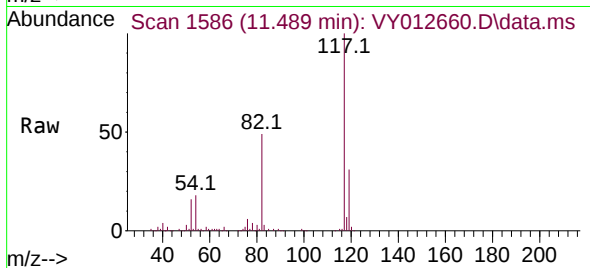
Tgt Ion:117 Resp: 197848

Ion Ratio Lower Upper

117 100

82 49.4 41.7 62.5

119 31.2 25.8 38.8



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY012660.D

Acq: 17 Feb 2023 18:50

Tgt Ion:152 Resp: 99132

Ion Ratio Lower Upper

152 100

115 56.0 28.1 84.3

150 155.8 0.0 351.0

