

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY041423\
 Data File : VY013326.D
 Acq On : 14 Apr 2023 18:05
 Operator : KP/MD
 Sample : 02349-01
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NB-07-041323

Quant Time: Apr 17 02:15:33 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041223S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 05:55:16 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	215377	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	335509	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	334138	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	178298	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.130	65	134416	51.931	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	103.860%
35) Dibromofluoromethane	7.710	113	117172	53.945	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	107.900%
50) Toluene-d8	10.173	98	420429	52.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	104.000%
62) 4-Bromofluorobenzene	12.477	95	152778	58.160	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	116.320%

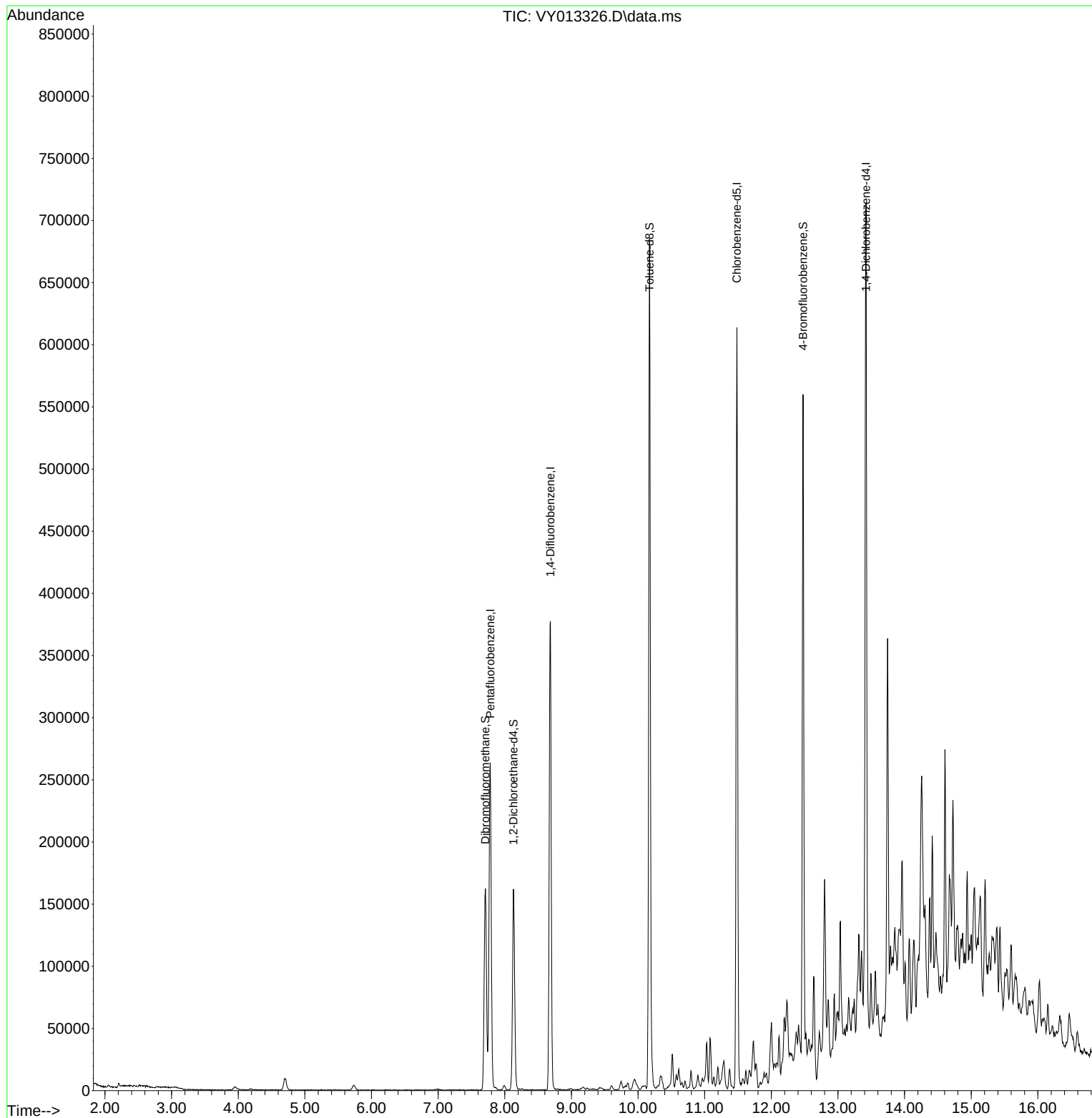
Target Compounds	Qvalue

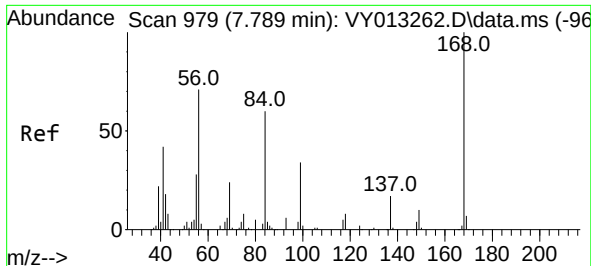
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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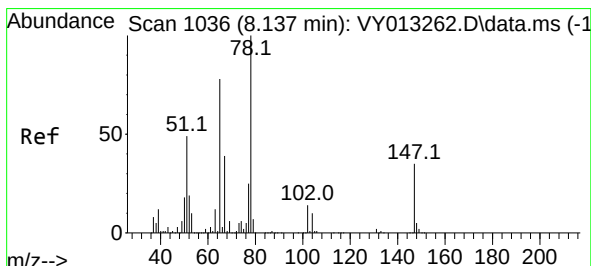
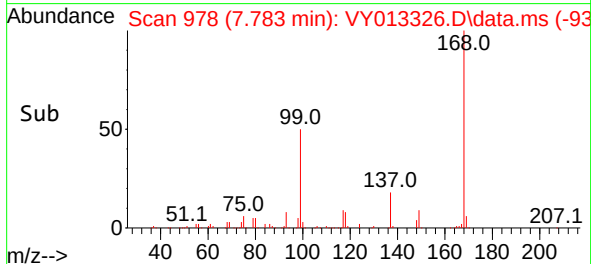
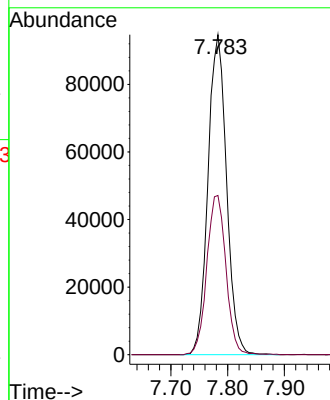
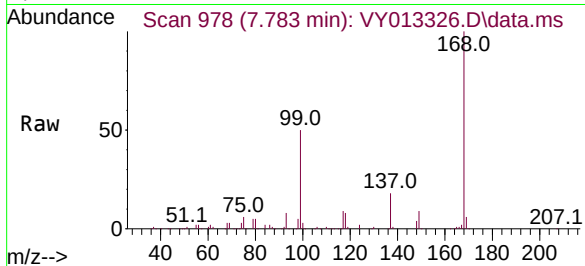




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013326.D
Acq: 14 Apr 2023 18:05

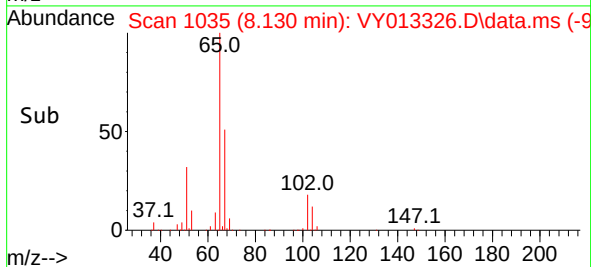
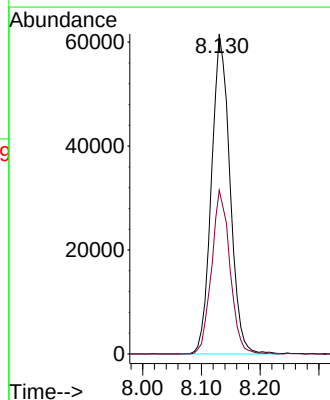
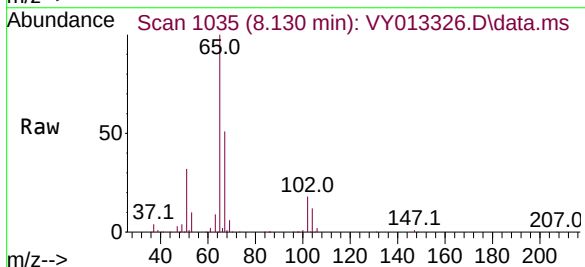
Instrument :
MSVOA_Y
ClientSampleId :
NB-07-041323

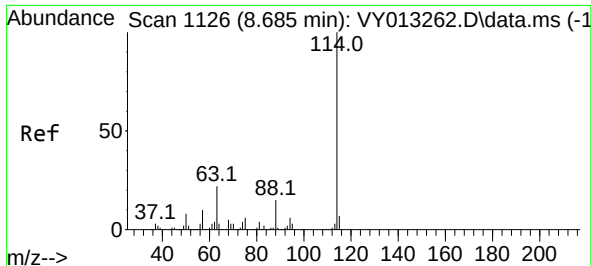
Tgt Ion:168 Resp: 215377
Ion Ratio Lower Upper
168 100
99 49.8 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 51.931 ug/l
RT: 8.130 min Scan# 1035
Delta R.T. -0.006 min
Lab File: VY013326.D
Acq: 14 Apr 2023 18:05

Tgt Ion: 65 Resp: 134416
Ion Ratio Lower Upper
65 100
67 50.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY013326.D

Acq: 14 Apr 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041323

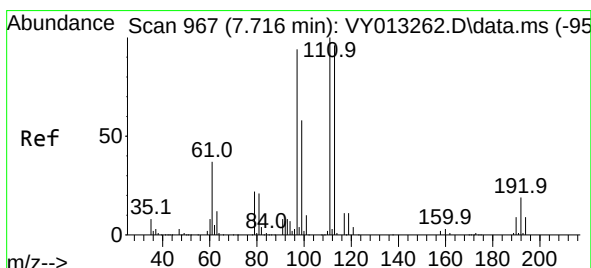
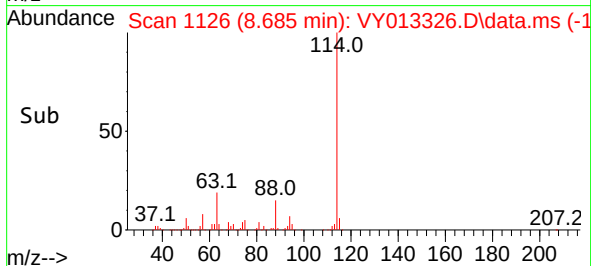
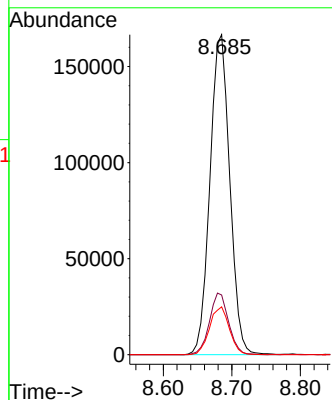
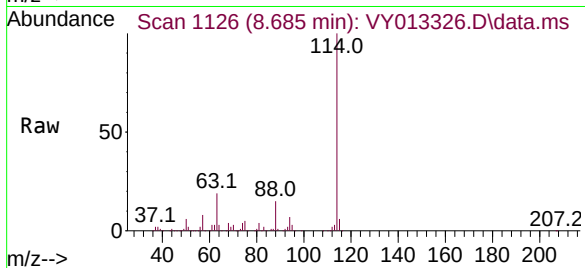
Tgt Ion:114 Resp: 335509

Ion Ratio Lower Upper

114 100

63 18.7 0.0 37.4

88 14.9 0.0 28.6



#35

Dibromofluoromethane

Concen: 53.945 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY013326.D

Acq: 14 Apr 2023 18:05

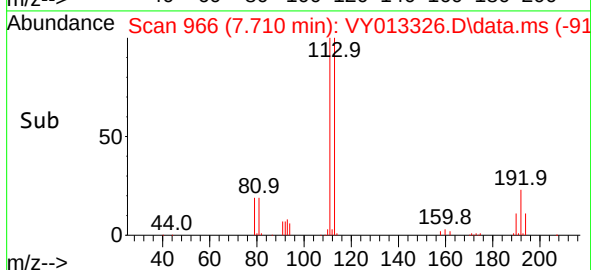
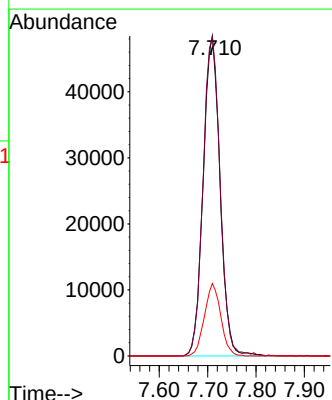
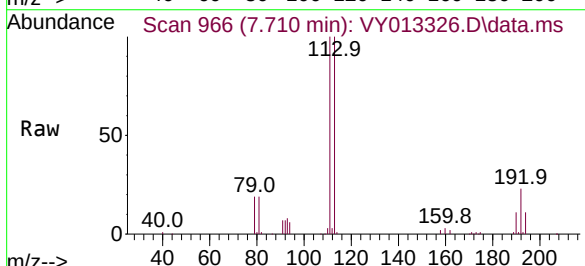
Tgt Ion:113 Resp: 117172

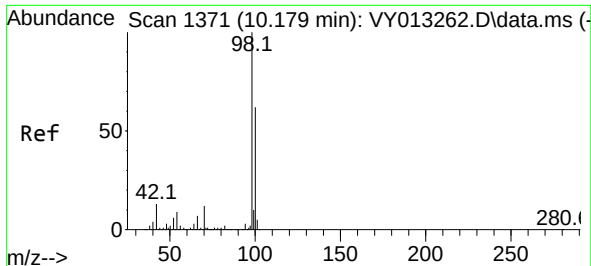
Ion Ratio Lower Upper

113 100

111 101.2 82.2 123.2

192 22.0 16.8 25.2

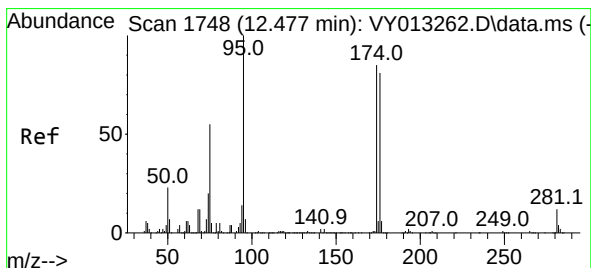
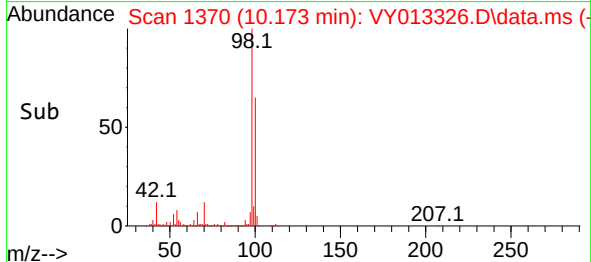
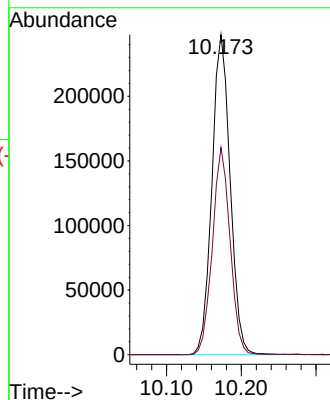
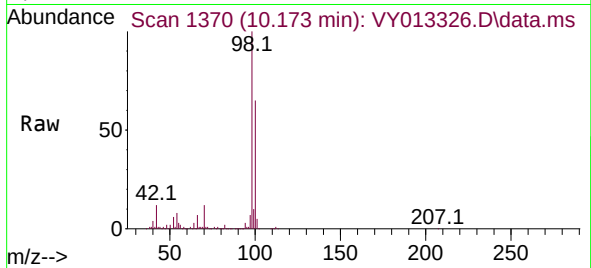




#50
Toluene-d8
Concen: 52.002 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY013326.D
Acq: 14 Apr 2023 18:05

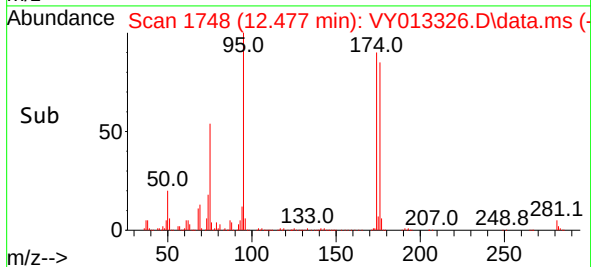
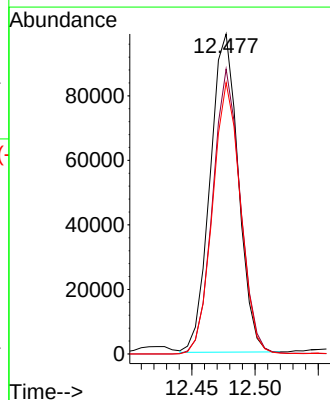
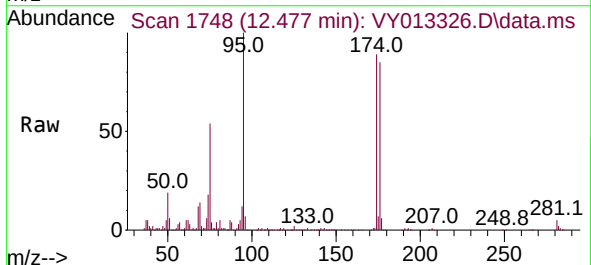
Instrument :
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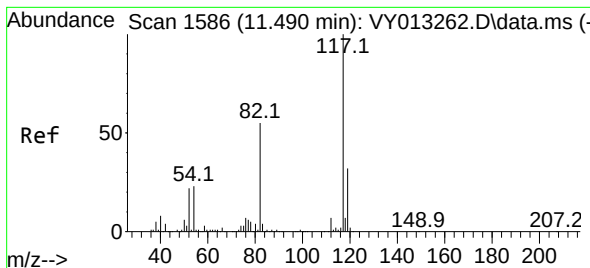
Tgt Ion: 98 Resp: 420429
Ion Ratio Lower Upper
98 100
100 62.9 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 58.160 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY013326.D
Acq: 14 Apr 2023 18:05

Tgt Ion: 95 Resp: 152778
Ion Ratio Lower Upper
95 100
174 87.8 0.0 176.6
176 84.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.483 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY013326.D

Acq: 14 Apr 2023 18:05

Instrument :

MSVOA_Y

ClientSampleId :

NB-07-041323

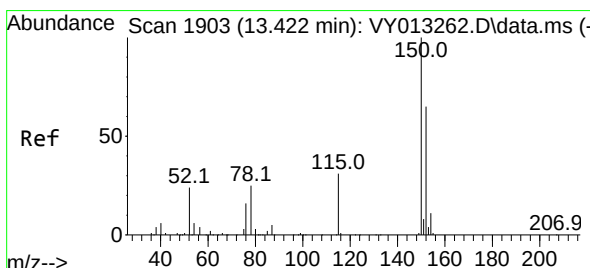
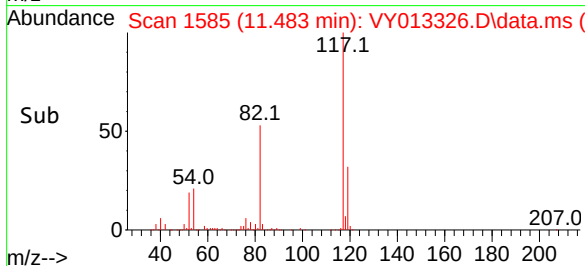
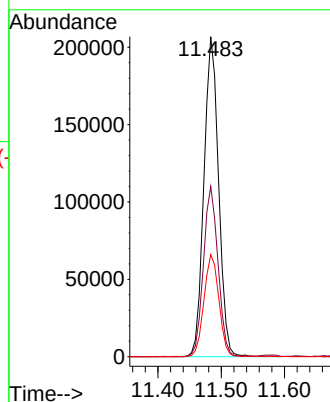
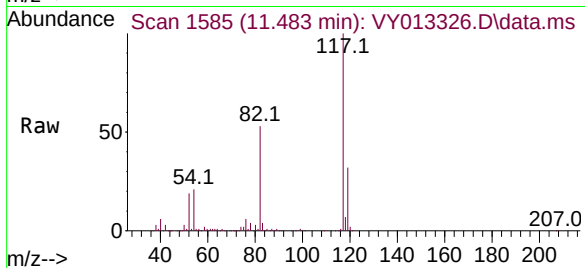
Tgt Ion:117 Resp: 334138

Ion Ratio Lower Upper

117 100

82 53.2 45.4 68.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY013326.D

Acq: 14 Apr 2023 18:05

Tgt Ion:152 Resp: 178298

Ion Ratio Lower Upper

152 100

115 55.5 27.1 81.3

150 154.0 0.0 347.8

