

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010323\
 Data File : VY012040.D
 Acq On : 03 Jan 2023 12:38
 Operator : KP/MD
 Sample : N6233-01
 Misc : 5.07g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 RO-124019

Quant Time: Jan 04 01:16:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	161994	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	274591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	249806	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	110820	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	91724	56.202	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.400%
35) Dibromofluoromethane	7.716	113	82060	49.640	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.280%
50) Toluene-d8	10.179	98	328663	49.002	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.483	95	100470	44.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	89.080%

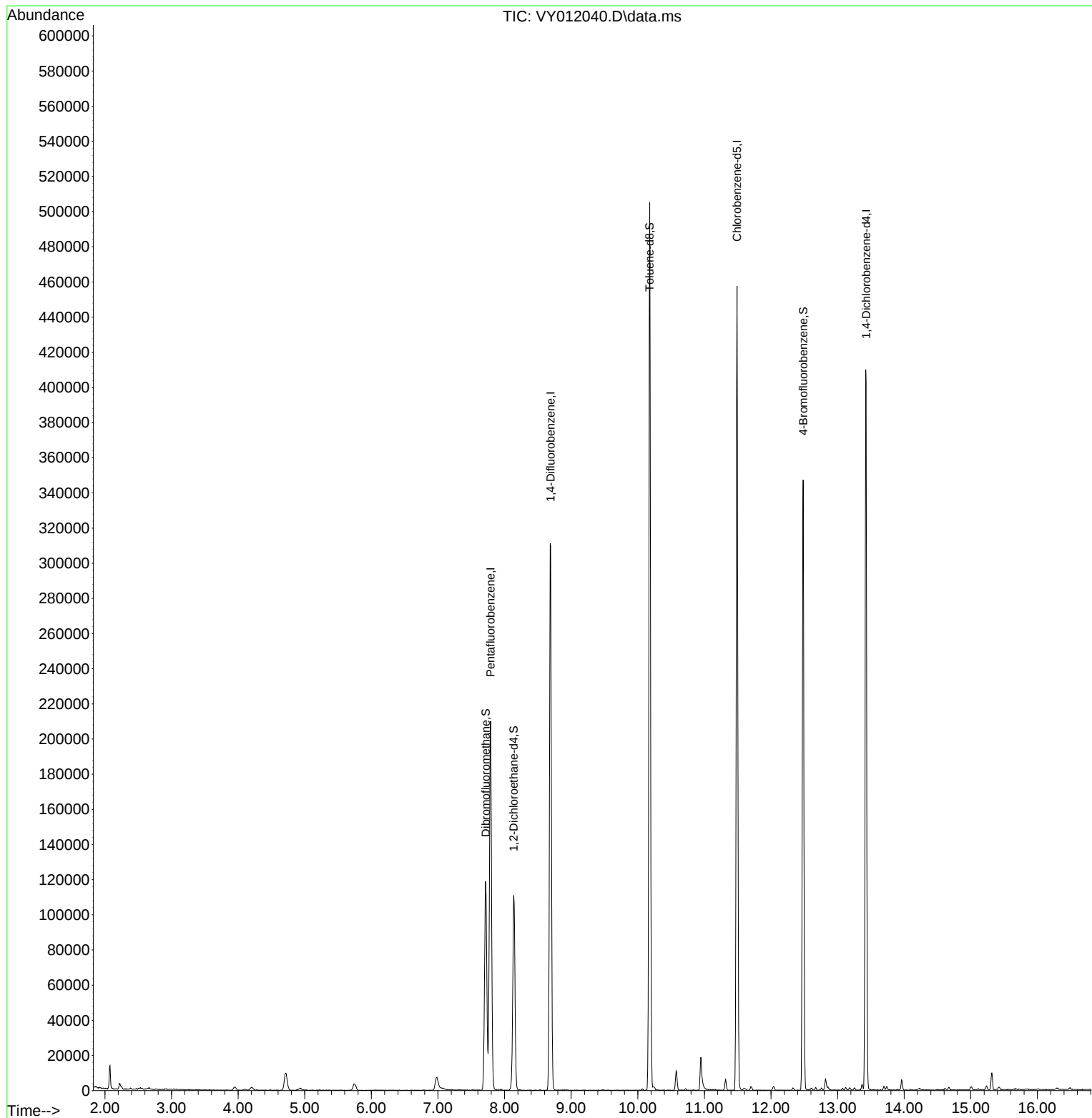
Target Compounds	Qvalue

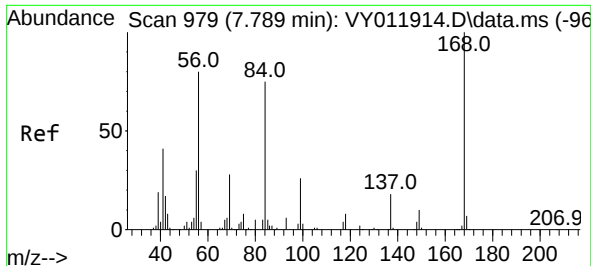
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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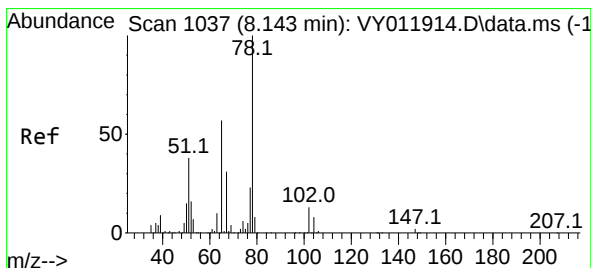
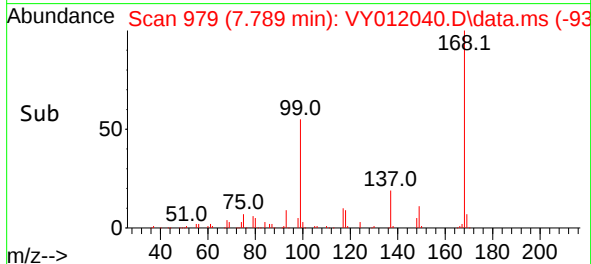
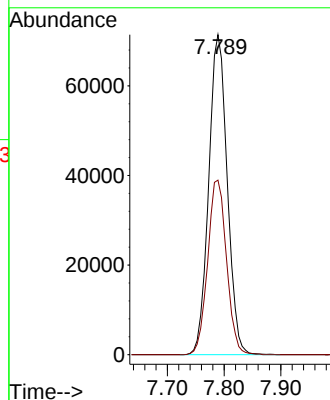
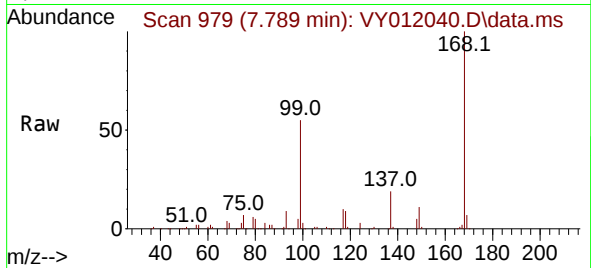




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012040.D
Acq: 03 Jan 2023 12:38

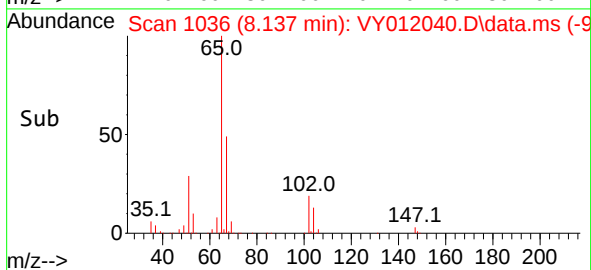
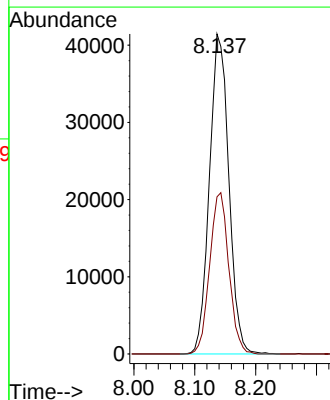
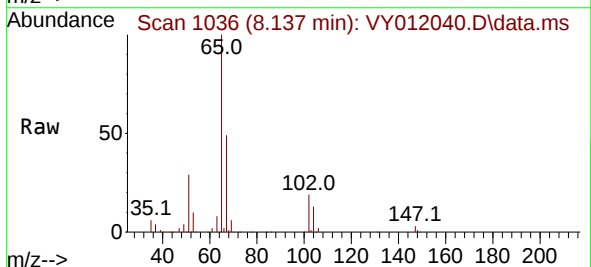
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

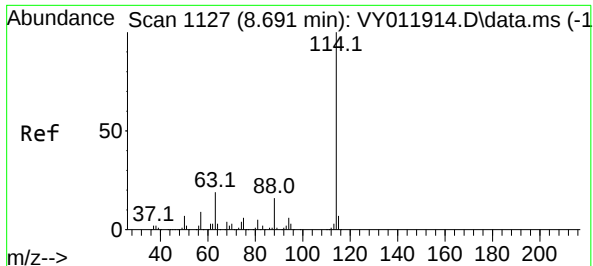
Tgt Ion:168 Resp: 161994
Ion Ratio Lower Upper
168 100
99 54.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 56.202 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012040.D
Acq: 03 Jan 2023 12:38

Tgt Ion: 65 Resp: 91724
Ion Ratio Lower Upper
65 100
67 49.7 0.0 103.2

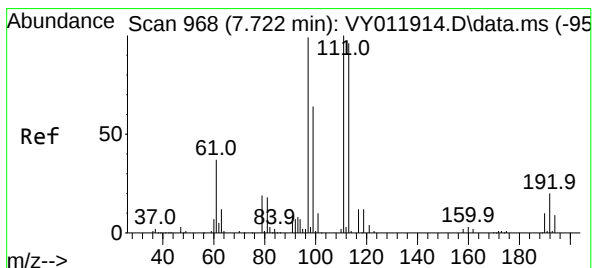
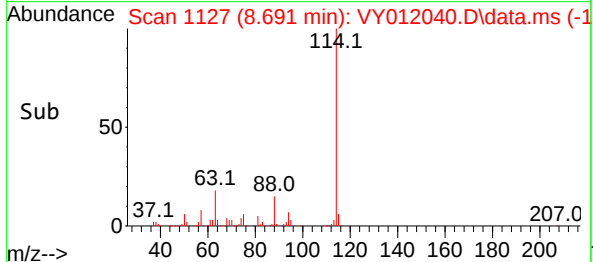
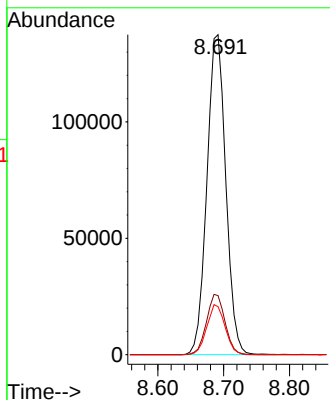
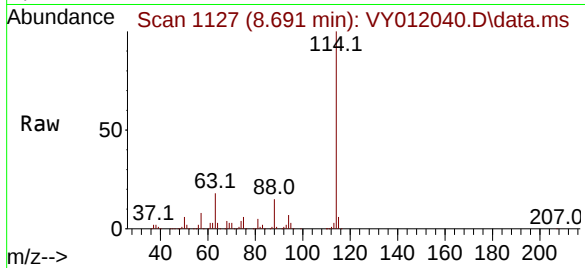




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. 0.000 min
Lab File: VY012040.D
Acq: 03 Jan 2023 12:38

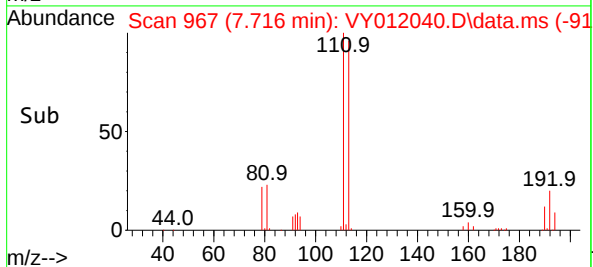
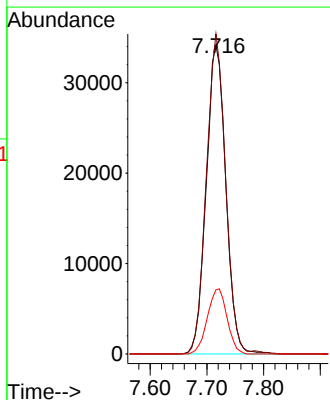
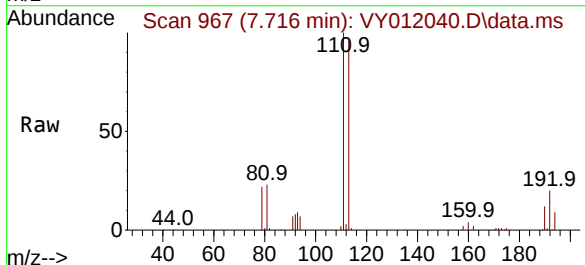
Instrument :
MSVOA_Y
ClientSampleId :
RO-124019

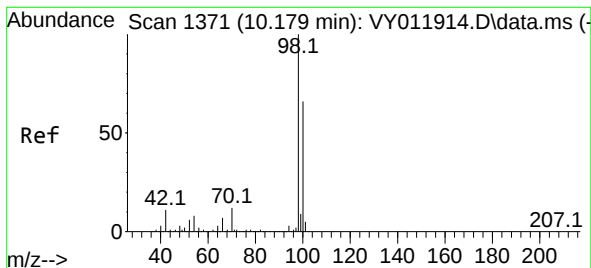
Tgt Ion:114 Resp: 274591
Ion Ratio Lower Upper
114 100
63 18.4 0.0 39.6
88 15.0 0.0 32.2



#35
Dibromofluoromethane
Concen: 49.640 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY012040.D
Acq: 03 Jan 2023 12:38

Tgt Ion:113 Resp: 82060
Ion Ratio Lower Upper
113 100
111 101.3 83.0 124.4
192 21.1 16.0 24.0





#50

Toluene-d8

Concen: 49.002 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY012040.D

Acq: 03 Jan 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

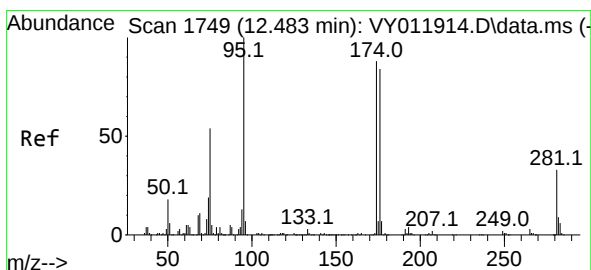
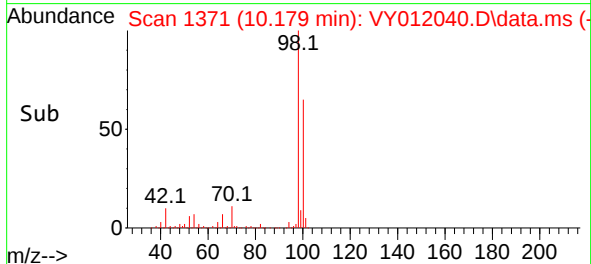
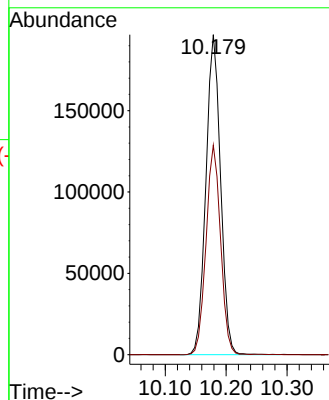
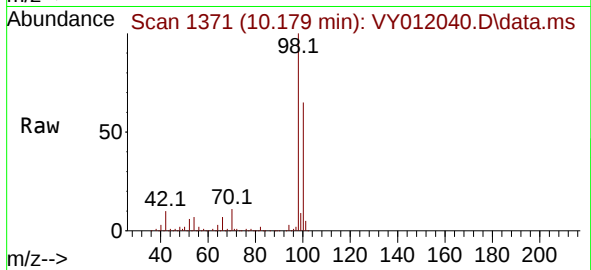
RO-124019

Tgt Ion: 98 Resp: 328663

Ion Ratio Lower Upper

98 100

100 64.9 51.9 77.9



#62

4-Bromofluorobenzene

Concen: 44.540 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY012040.D

Acq: 03 Jan 2023 12:38

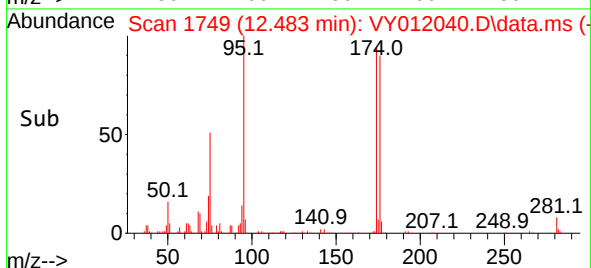
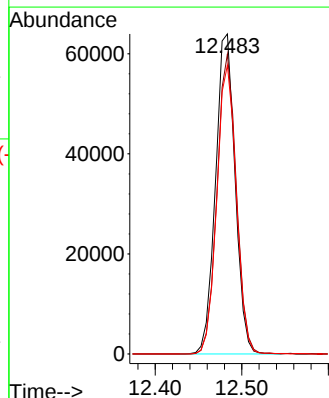
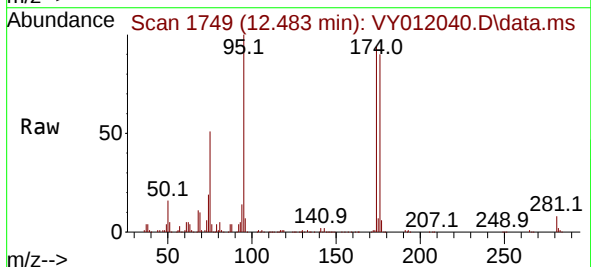
Tgt Ion: 95 Resp: 100470

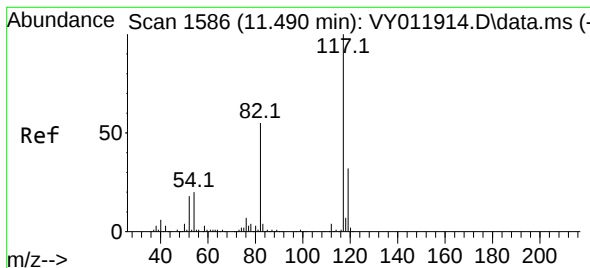
Ion Ratio Lower Upper

95 100

174 92.4 0.0 172.0

176 89.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY012040.D

Acq: 03 Jan 2023 12:38

Instrument :

MSVOA_Y

ClientSampleId :

RO-124019

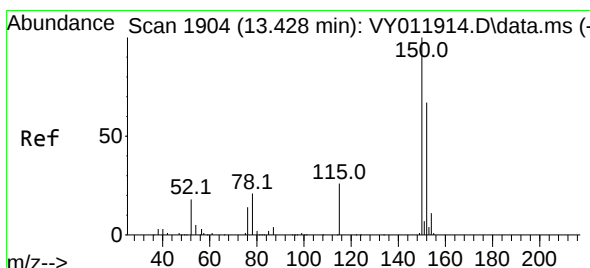
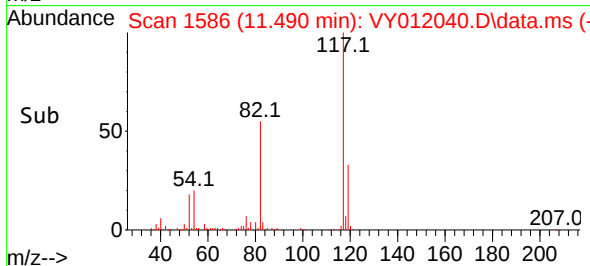
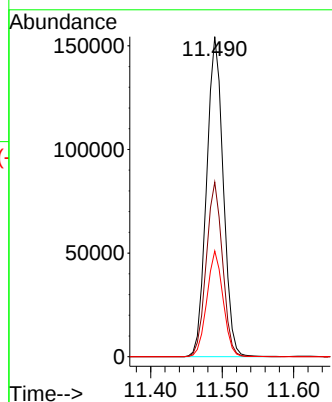
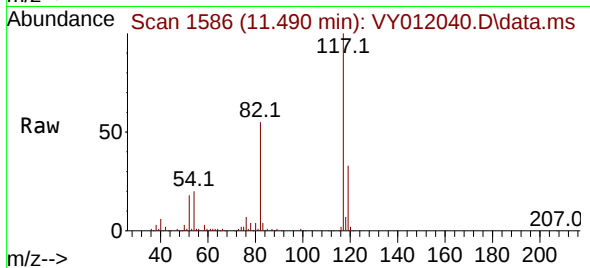
Tgt Ion:117 Resp: 249806

Ion Ratio Lower Upper

117 100

82 54.5 44.8 67.2

119 33.0 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY012040.D

Acq: 03 Jan 2023 12:38

Tgt Ion:152 Resp: 110820

Ion Ratio Lower Upper

152 100

115 57.4 29.1 87.3

150 156.0 0.0 342.6

