

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042023\
 Data File : VY013379.D
 Acq On : 20 Apr 2023 19:31
 Operator : KP/MD
 Sample : 02426-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EO-3-041923

Quant Time: Apr 21 02:16:34 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	7.789	168	106146	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	155676	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	234353	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	92429	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	74628	58.503	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.000%
35) Dibromofluoromethane	7.716	113	49183	48.801	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.600%
50) Toluene-d8	10.179	98	201466	53.705	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.420%
62) 4-Bromofluorobenzene	12.483	95	121339	99.551	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	199.100%#

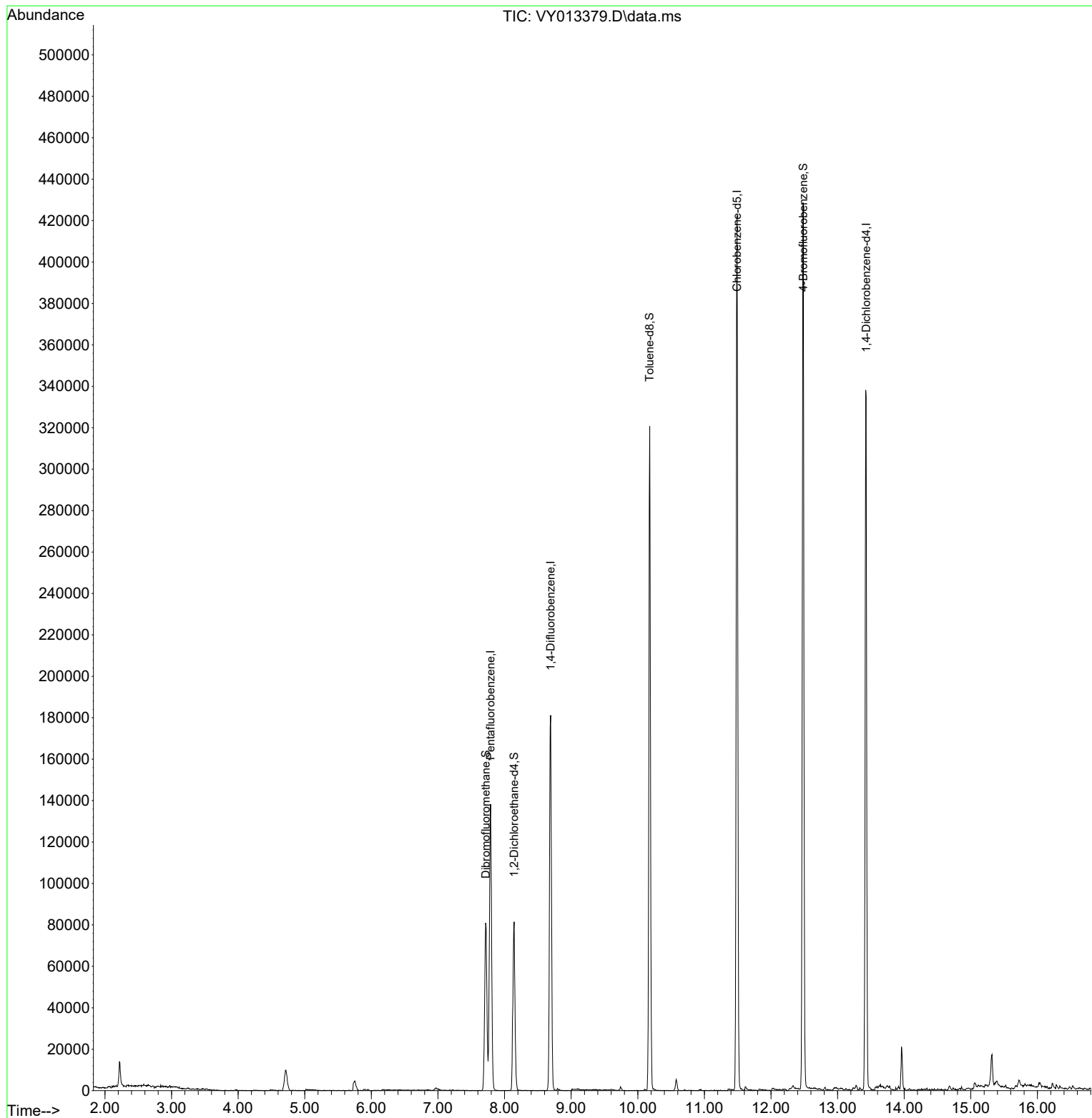
Target Compounds	Qvalue

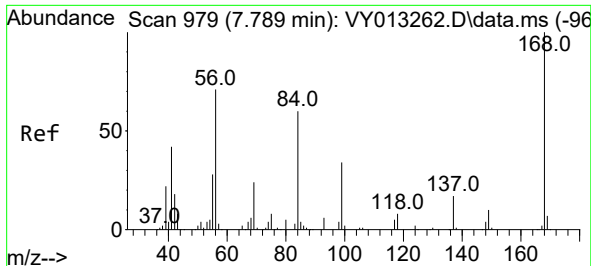
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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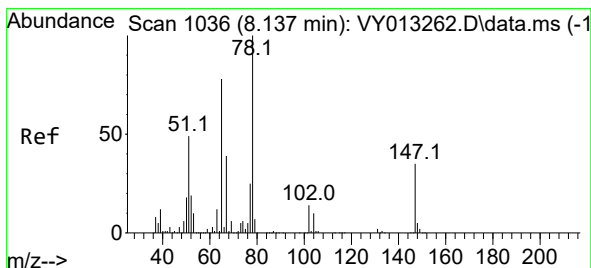
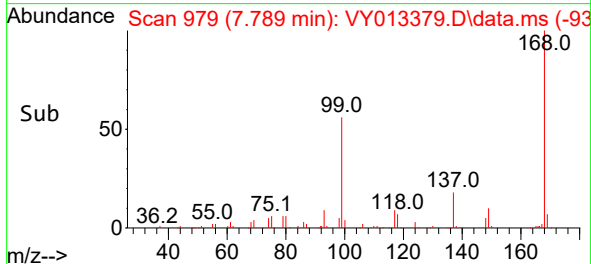
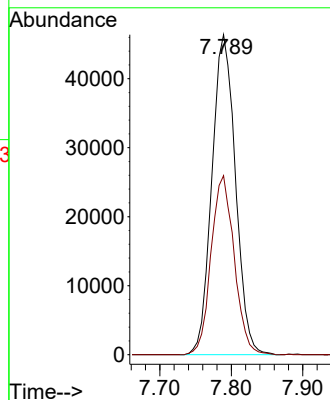
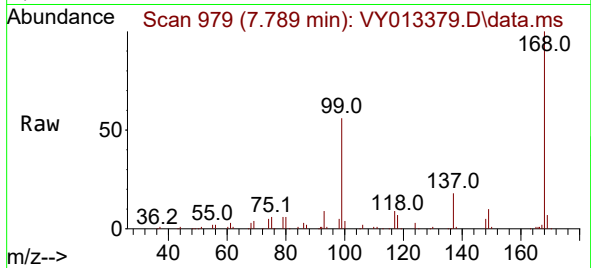




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

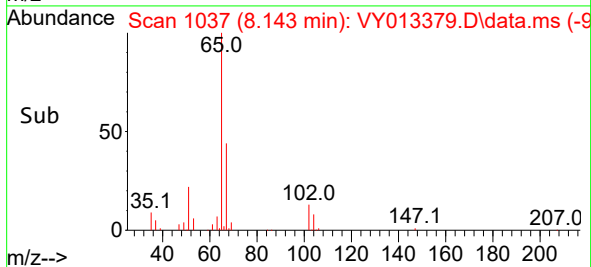
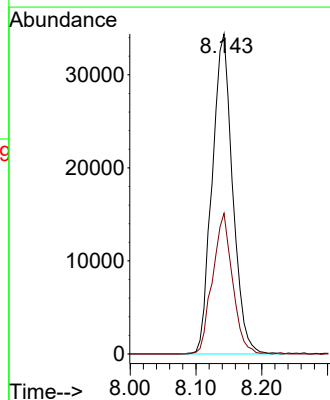
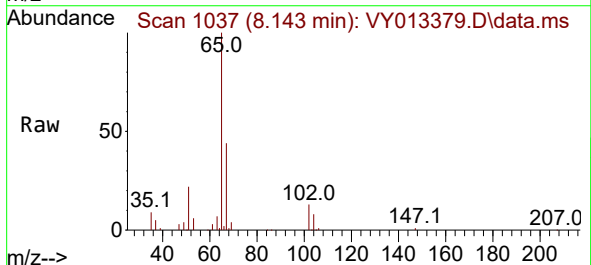
Instrument :
MSVOA_Y
ClientSampleId :
EO-3-041923

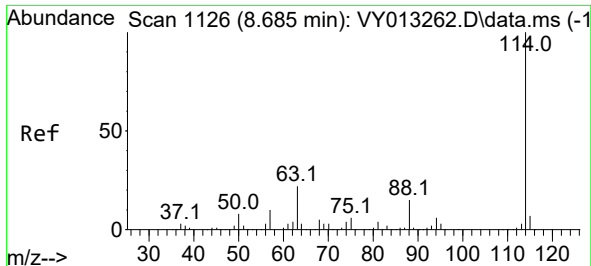
Tgt Ion:168 Resp: 106146
Ion Ratio Lower Upper
168 100
99 55.9 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 58.503 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 65 Resp: 74628
Ion Ratio Lower Upper
65 100
67 42.8 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-041923

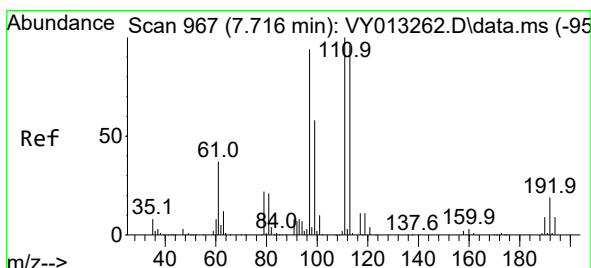
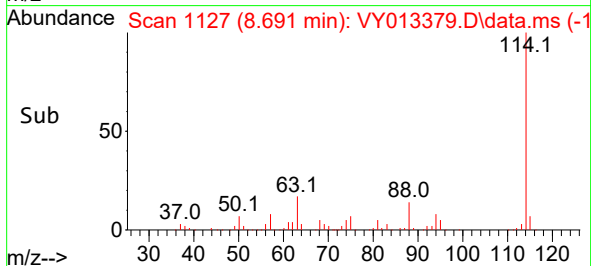
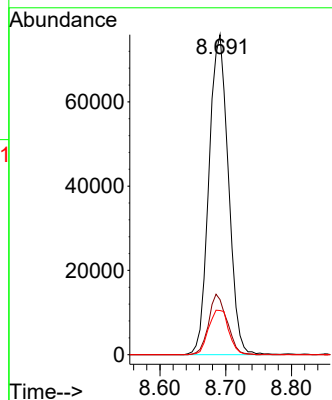
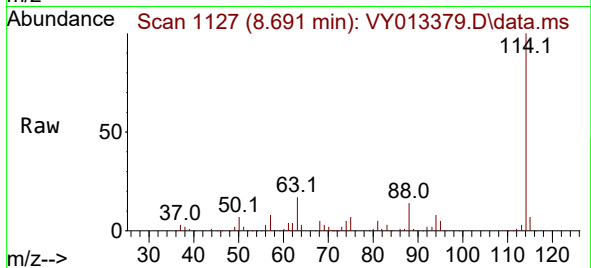
Tgt Ion:114 Resp: 155676

Ion Ratio Lower Upper

114 100

63 17.2 0.0 37.4

88 13.8 0.0 28.6



#35

Dibromofluoromethane

Concen: 48.801 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

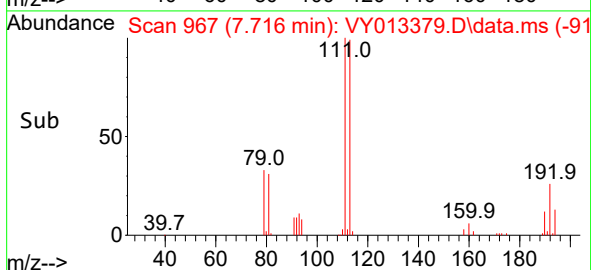
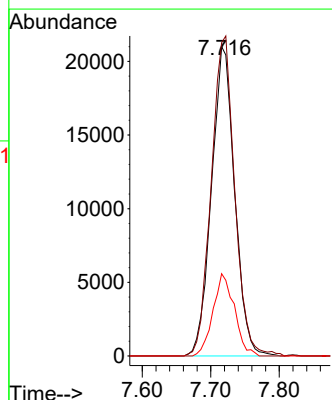
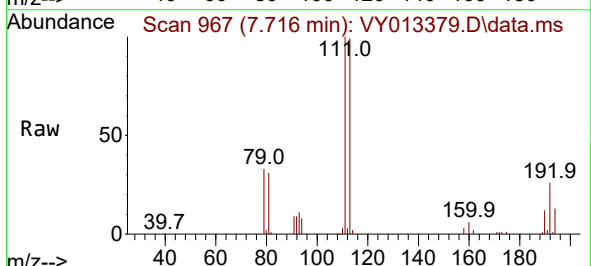
Tgt Ion:113 Resp: 49183

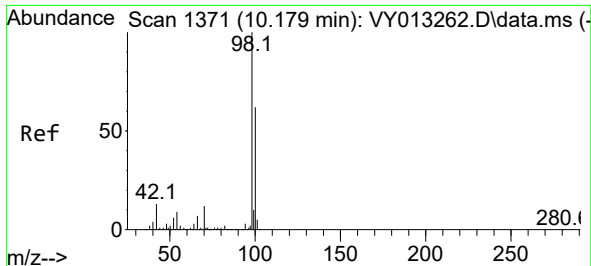
Ion Ratio Lower Upper

113 100

111 104.8 82.2 123.2

192 24.6 16.8 25.2

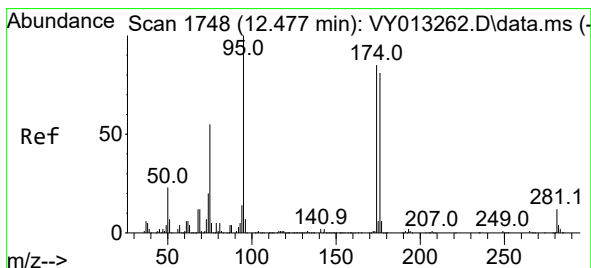
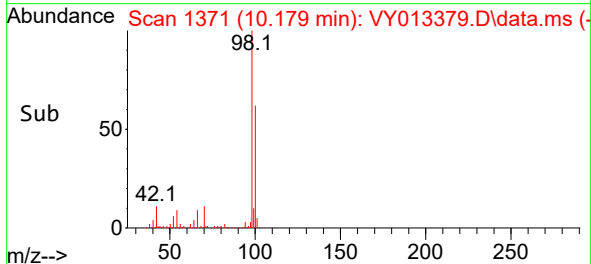
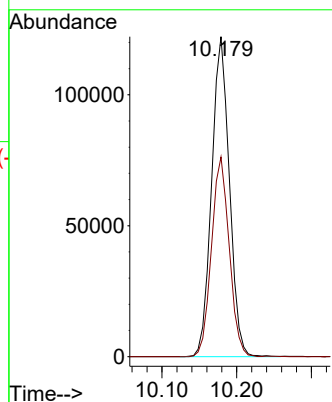
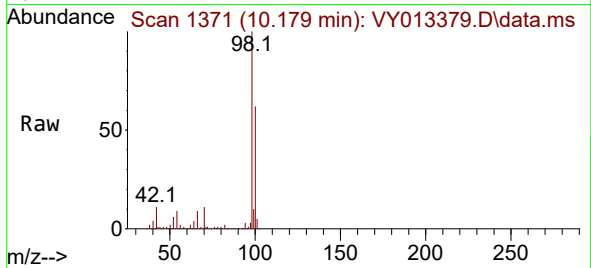




#50
Toluene-d8
Concen: 53.705 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

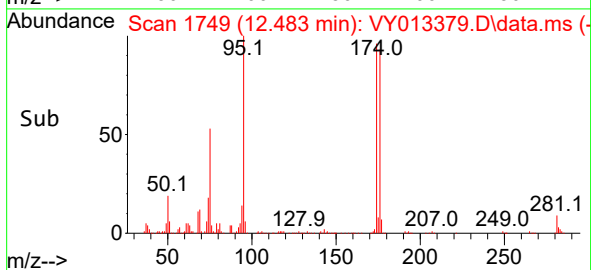
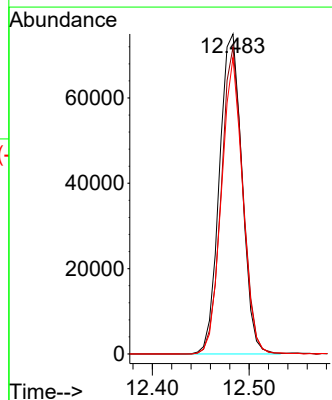
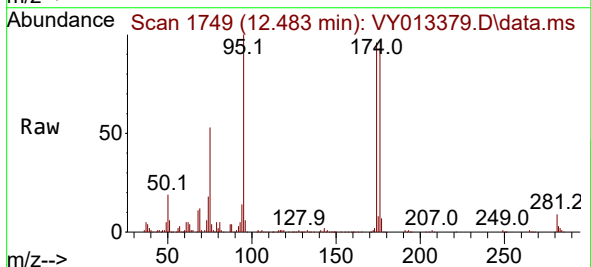
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MSVOA_Y
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EO-3-041923

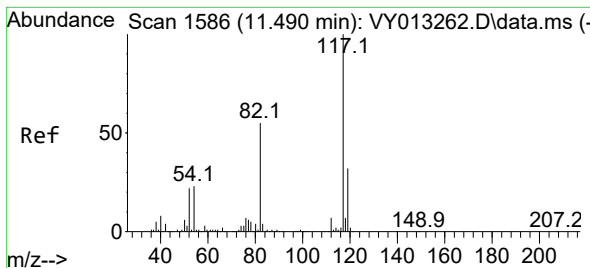
Tgt Ion: 98 Resp: 201466
Ion Ratio Lower Upper
98 100
100 62.4 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 99.551 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY013379.D
Acq: 20 Apr 2023 19:31

Tgt Ion: 95 Resp: 121339
Ion Ratio Lower Upper
95 100
174 91.6 0.0 176.6
176 87.4 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

Instrument :

MSVOA_Y

ClientSampleId :

EO-3-041923

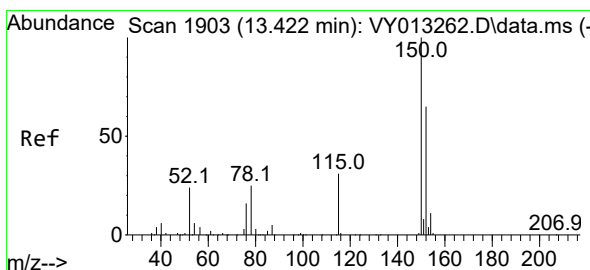
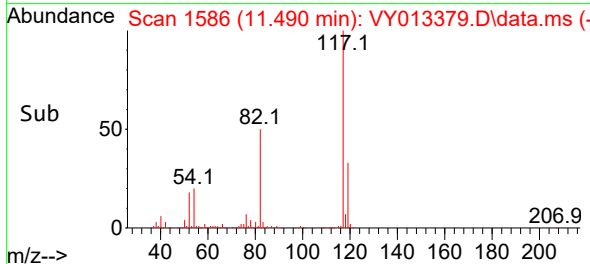
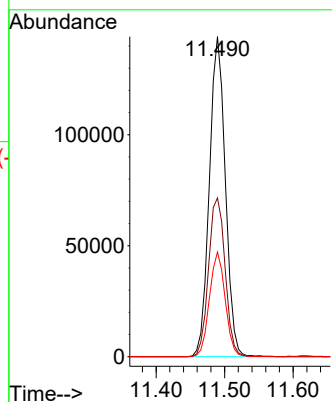
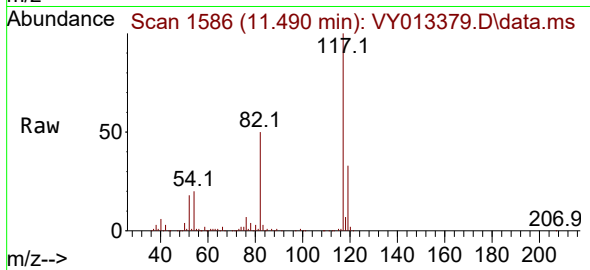
Tgt Ion:117 Resp: 234353

Ion Ratio Lower Upper

117 100

82 49.6 45.4 68.0

119 32.7 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013379.D

Acq: 20 Apr 2023 19:31

Tgt Ion:152 Resp: 92429

Ion Ratio Lower Upper

152 100

115 53.9 27.1 81.3

150 157.9 0.0 347.8

