

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033023\
 Data File : VY013149.D
 Acq On : 30 Mar 2023 14:26
 Operator : KP/MD
 Sample : VY0330SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0330SBL01

Quant Time: Mar 31 05:44:16 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 31 05:07:15 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	103230	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	170959	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	157598	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	71292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60786	54.792	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.580%
35) Dibromofluoromethane	7.722	113	56617	50.695	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.380%
50) Toluene-d8	10.179	98	202594	48.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	96.100%
62) 4-Bromofluorobenzene	12.483	95	63539	46.299	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.600%

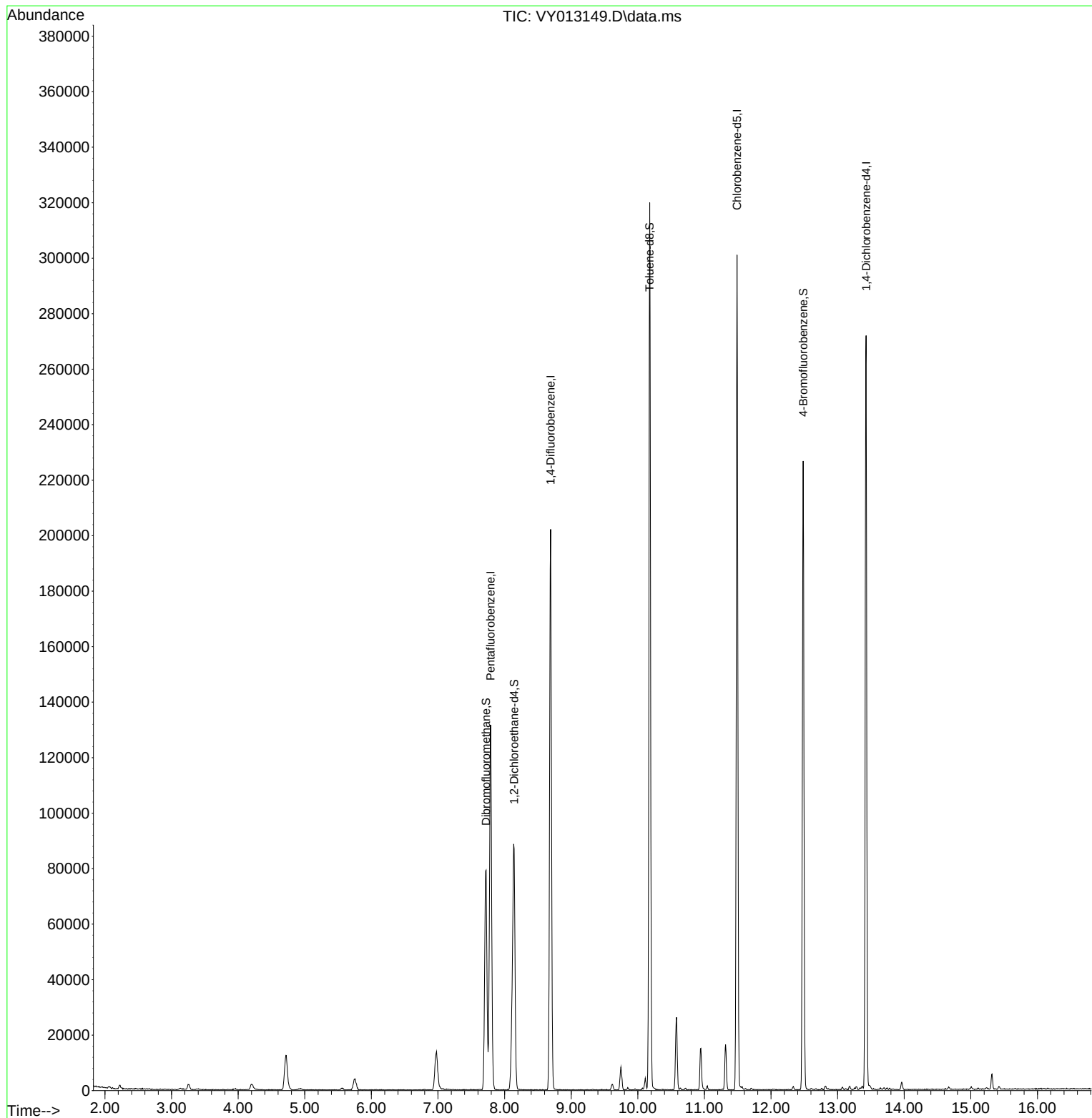
Target Compounds	Qvalue

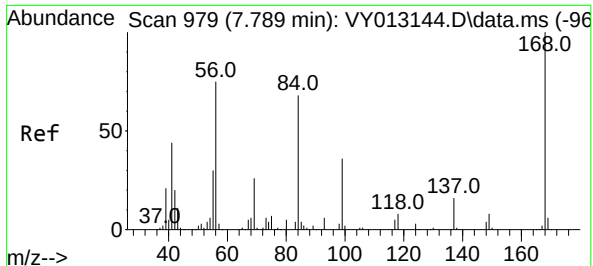
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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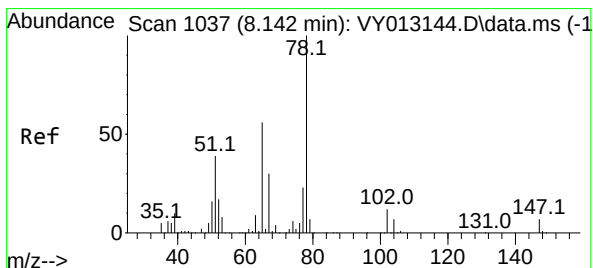
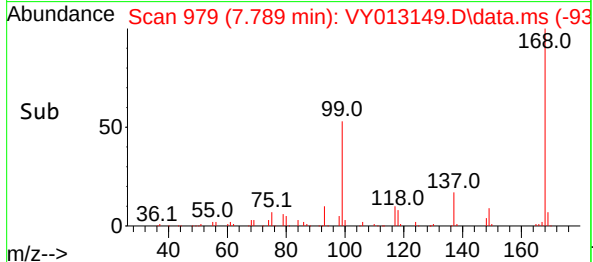
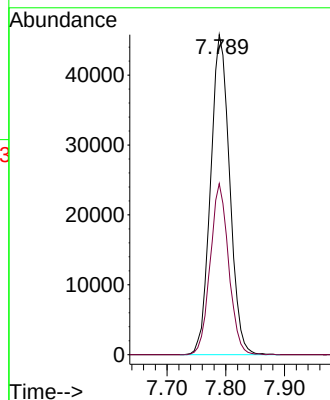
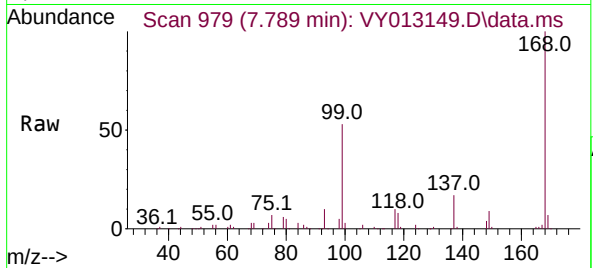




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

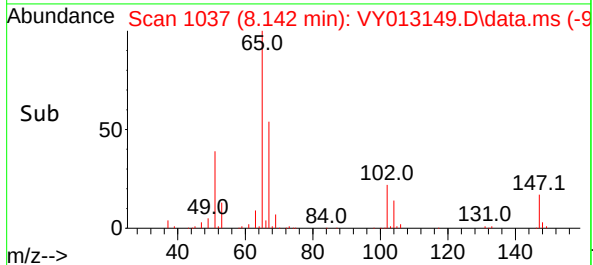
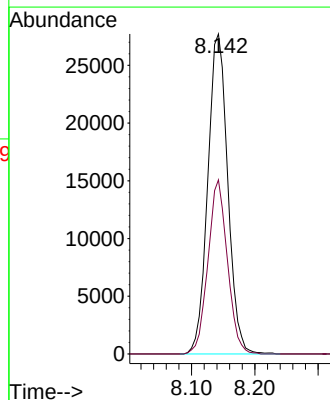
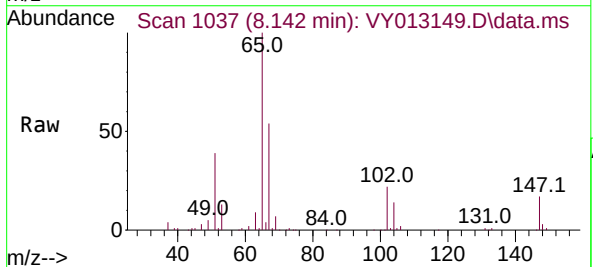
Instrument :
MSVOA_Y
ClientSampleId :
VY0330SBL01

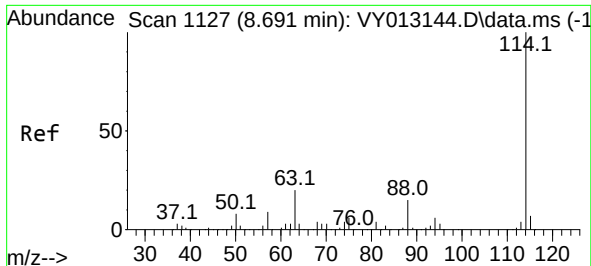
Tgt Ion:168 Resp: 103230
Ion Ratio Lower Upper
168 100
99 53.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 54.792 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 65 Resp: 60786
Ion Ratio Lower Upper
65 100
67 52.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. -0.000 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBL01

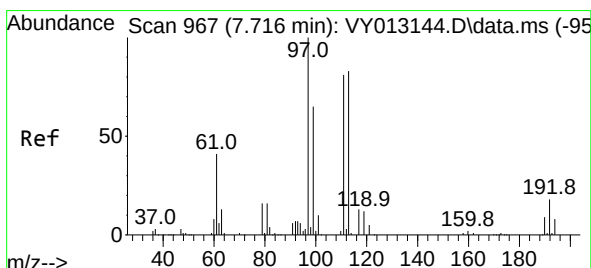
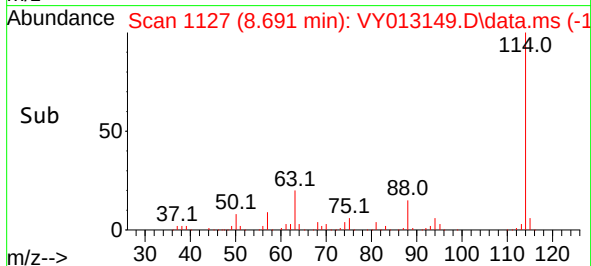
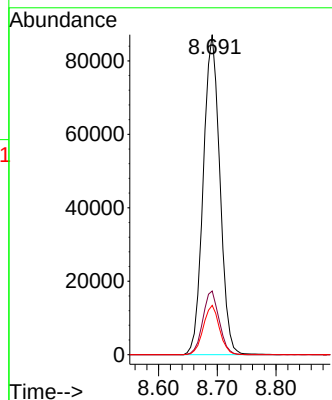
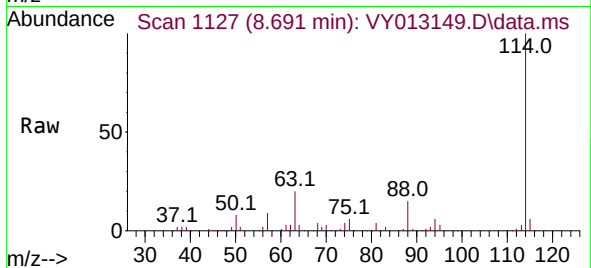
Tgt Ion:114 Resp: 170959

Ion Ratio Lower Upper

114 100

63 19.9 0.0 37.4

88 15.4 0.0 28.6



#35

Dibromofluoromethane

Concen: 50.695 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

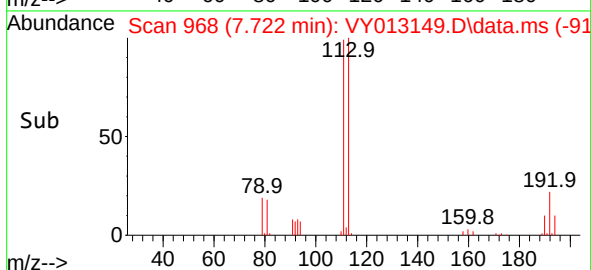
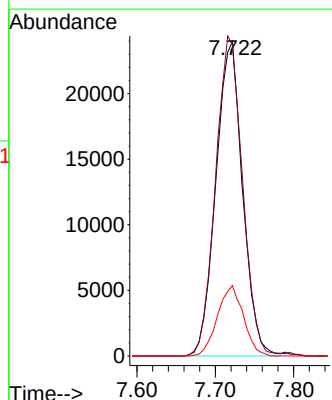
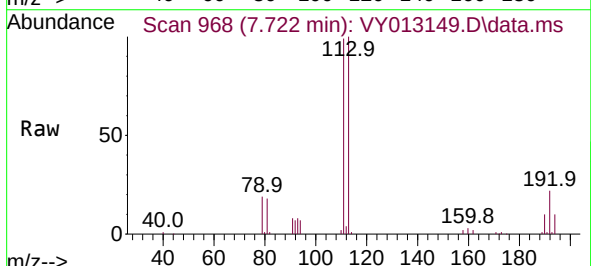
Tgt Ion:113 Resp: 56617

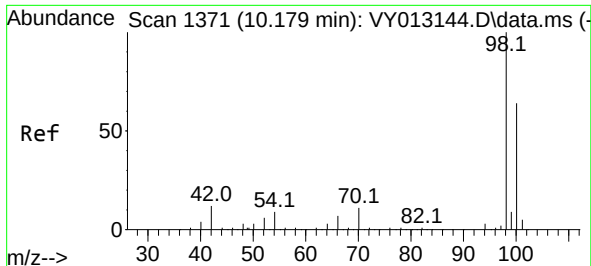
Ion Ratio Lower Upper

113 100

111 103.2 82.2 123.2

192 21.8 16.8 25.2

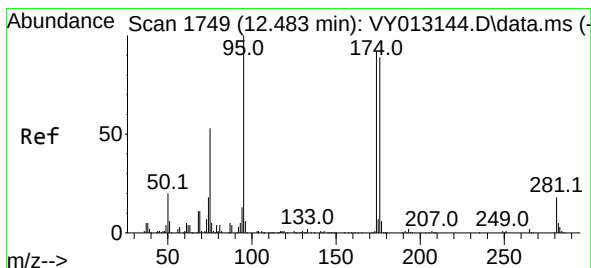
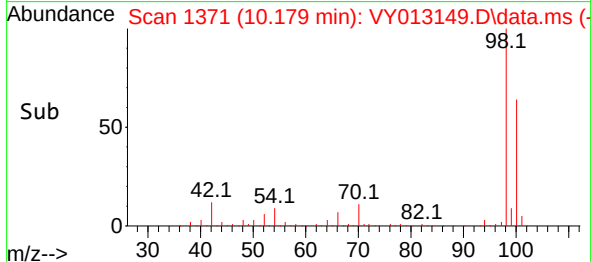
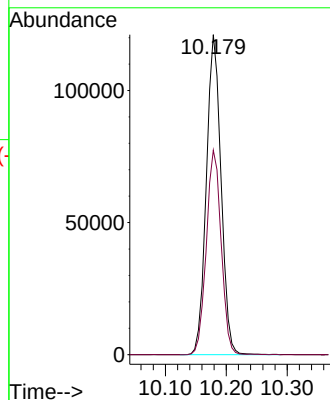
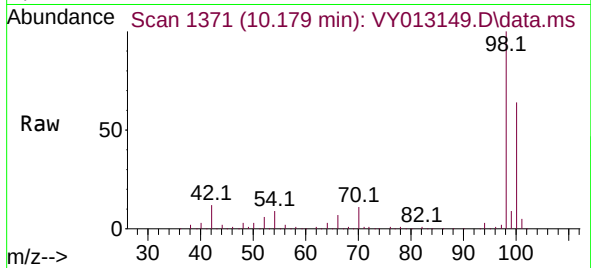




#50
Toluene-d8
Concen: 48.052 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

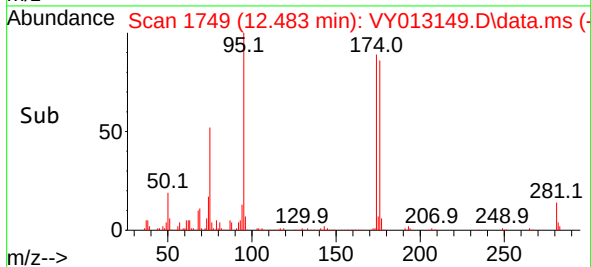
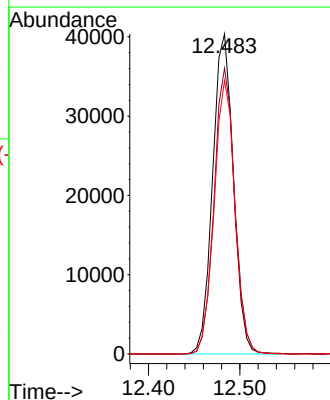
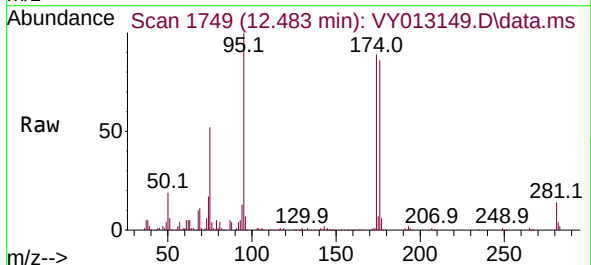
Instrument :
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ClientSampleId :
VY0330SBL01

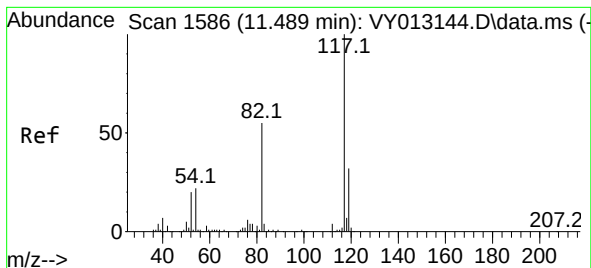
Tgt Ion: 98 Resp: 202594
Ion Ratio Lower Upper
98 100
100 64.7 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 46.299 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY013149.D
Acq: 30 Mar 2023 14:26

Tgt Ion: 95 Resp: 63539
Ion Ratio Lower Upper
95 100
174 89.3 0.0 176.6
176 86.0 0.0 170.2





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 1

Delta R.T. -0.000 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Instrument :

MSVOA_Y

ClientSampleId :

VY0330SBL01

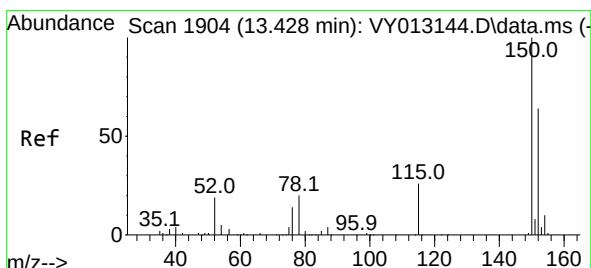
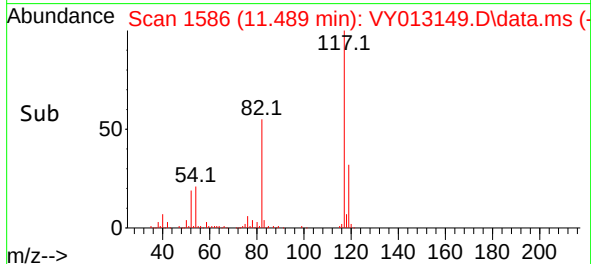
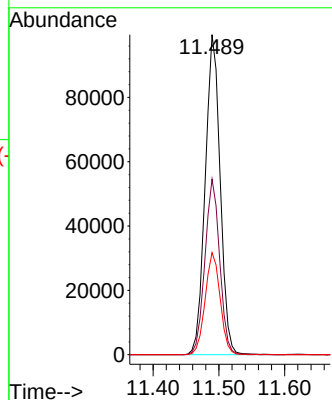
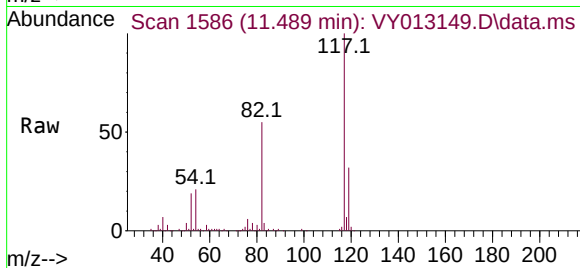
Tgt Ion:117 Resp: 157598

Ion Ratio Lower Upper

117 100

82 54.9 45.4 68.0

119 31.9 25.6 38.4



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.000 min

Lab File: VY013149.D

Acq: 30 Mar 2023 14:26

Tgt Ion:152 Resp: 71292

Ion Ratio Lower Upper

152 100

115 56.8 27.1 81.3

150 158.2 0.0 347.8

