

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY103122\
 Data File : VY011196.D
 Acq On : 31 Oct 2022 14:50
 Operator : KP/MD
 Sample : VY1031SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1031SBL01

Quant Time: Nov 01 02:44:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102822S.M
 Quant Title : SW846 8260
 QLast Update : Fri Oct 28 23:42:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	204745	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	351806	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	320464	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	147714	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117996	55.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.460%
35) Dibromofluoromethane	7.715	113	115332	53.309	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	106.620%
50) Toluene-d8	10.178	98	428999	50.052	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.100%
62) 4-Bromofluorobenzene	12.483	95	143361	51.118	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	102.240%

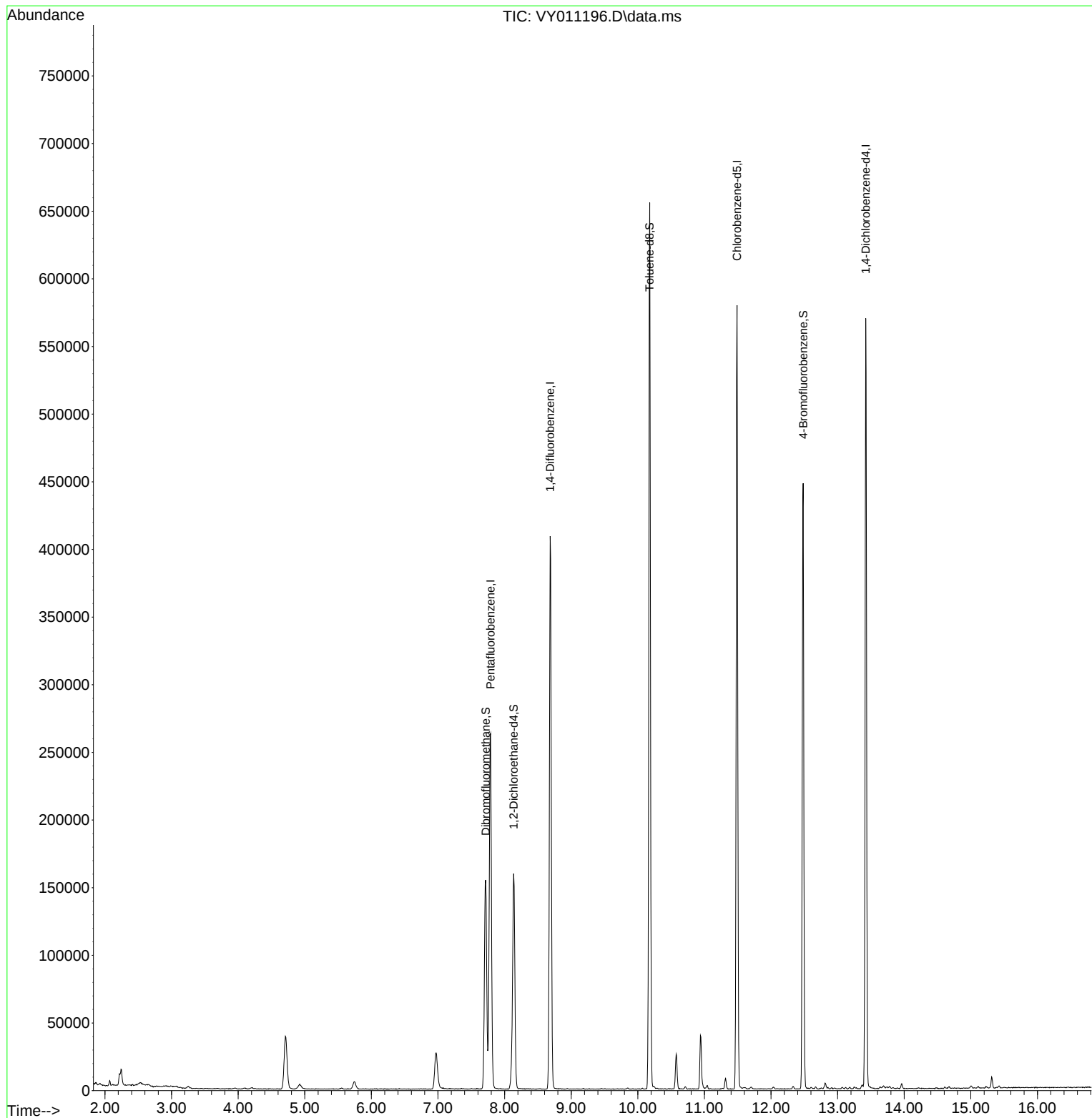
Target Compounds	Qvalue

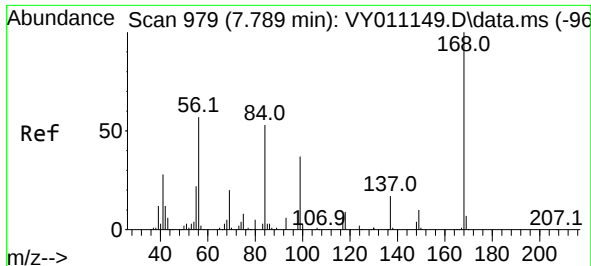
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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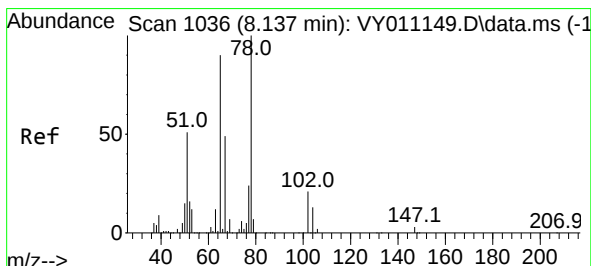
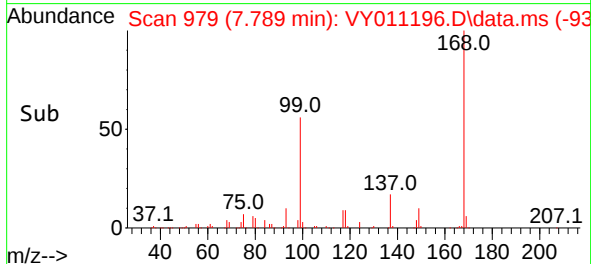
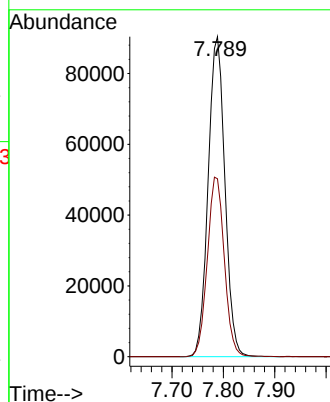
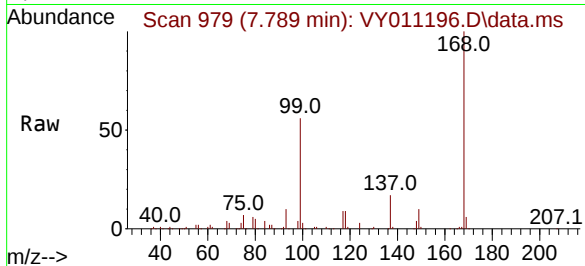




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY011196.D
Acq: 31 Oct 2022 14:50

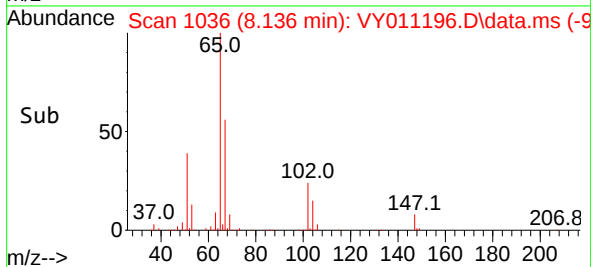
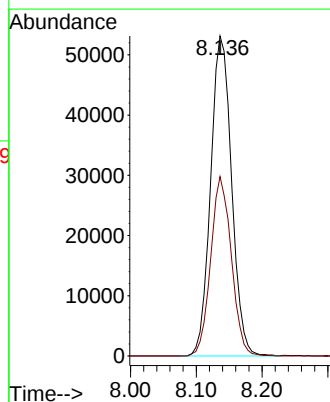
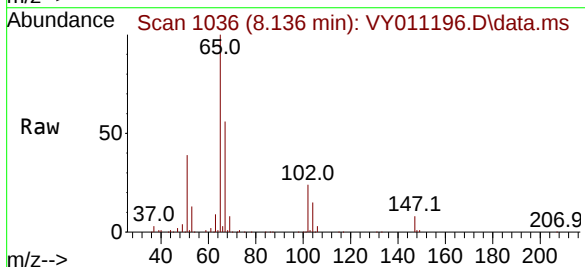
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBL01

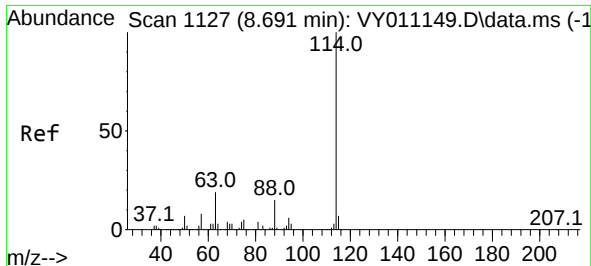
Tgt Ion:168 Resp: 204745
Ion Ratio Lower Upper
168 100
99 55.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 55.735 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY011196.D
Acq: 31 Oct 2022 14:50

Tgt Ion: 65 Resp: 117996
Ion Ratio Lower Upper
65 100
67 55.0 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY011196.D

Acq: 31 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBL01

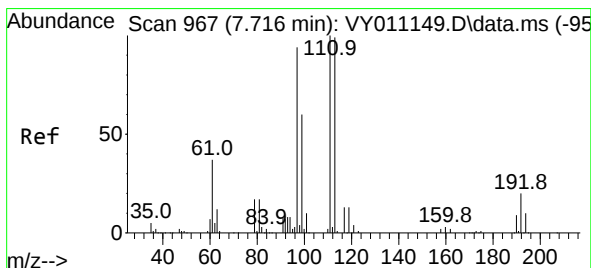
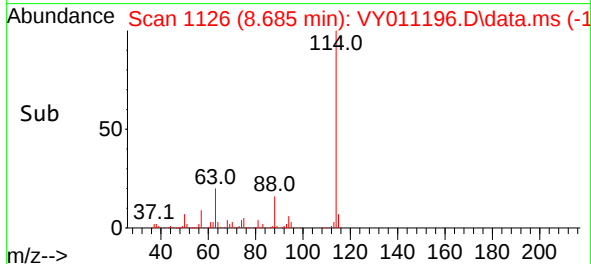
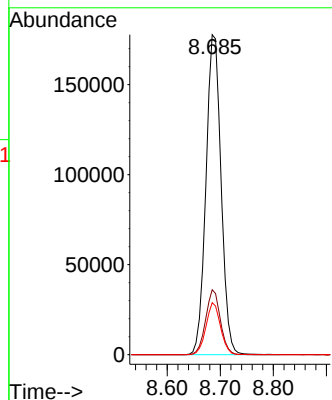
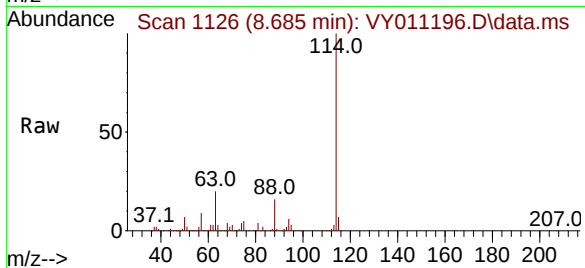
Tgt Ion:114 Resp: 351806

Ion Ratio Lower Upper

114 100

63 20.3 0.0 43.2

88 16.2 0.0 31.8



#35

Dibromofluoromethane

Concen: 53.309 ug/l

RT: 7.715 min Scan# 967

Delta R.T. -0.001 min

Lab File: VY011196.D

Acq: 31 Oct 2022 14:50

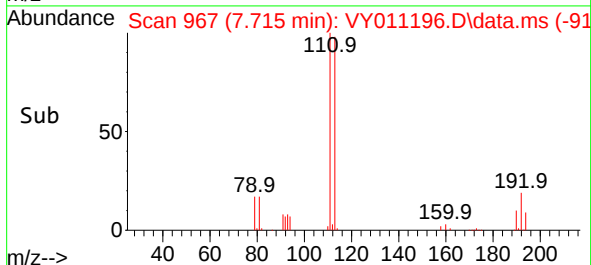
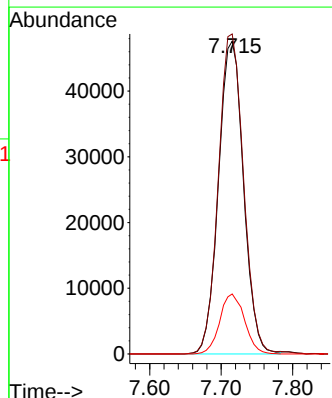
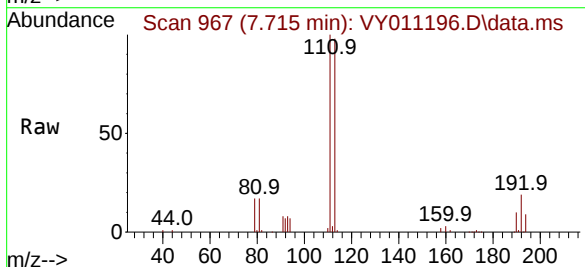
Tgt Ion:113 Resp: 115332

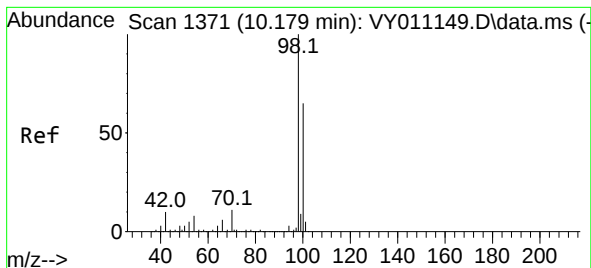
Ion Ratio Lower Upper

113 100

111 103.3 82.6 124.0

192 19.0 17.6 26.4

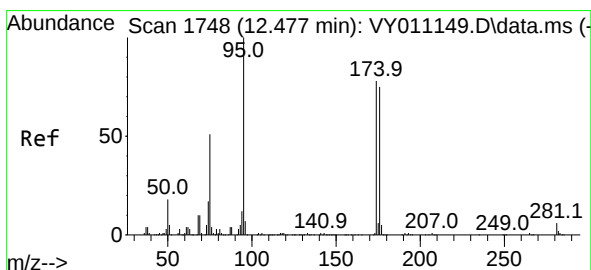
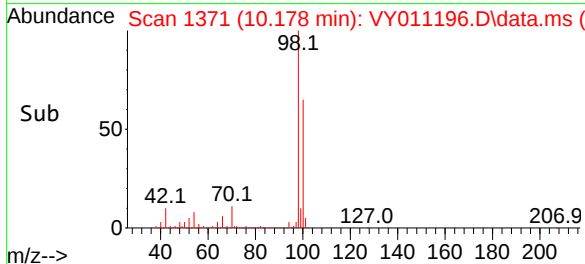
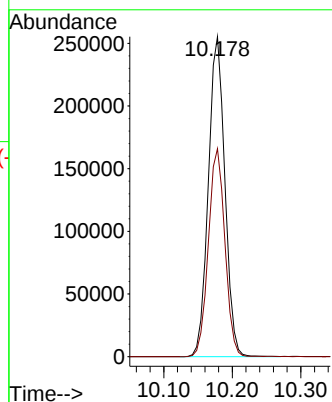
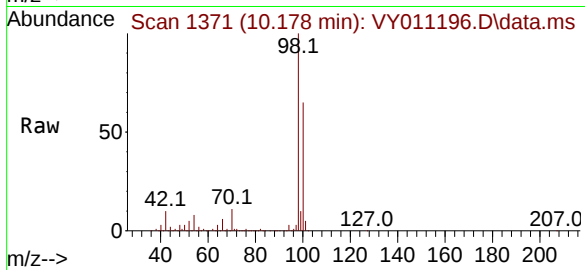




#50
Toluene-d8
Concen: 50.052 ug/l
RT: 10.178 min Scan# 11
Delta R.T. -0.001 min
Lab File: VY011196.D
Acq: 31 Oct 2022 14:50

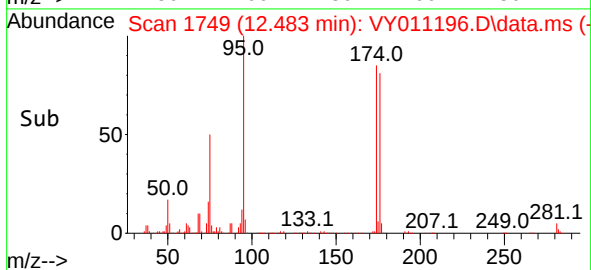
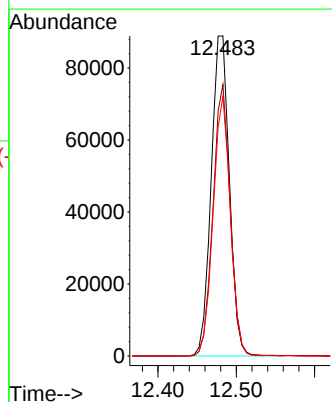
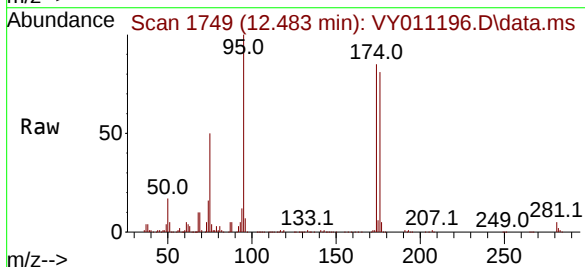
Instrument :
MSVOA_Y
ClientSampleId :
VY1031SBL01

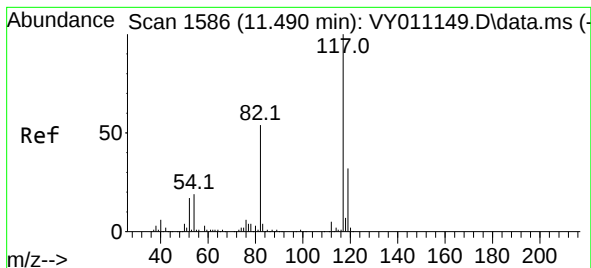
Tgt Ion: 98 Resp: 428999
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 51.118 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY011196.D
Acq: 31 Oct 2022 14:50

Tgt Ion: 95 Resp: 143361
Ion Ratio Lower Upper
95 100
174 80.4 0.0 177.0
176 76.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY011196.D

Acq: 31 Oct 2022 14:50

Instrument :

MSVOA_Y

ClientSampleId :

VY1031SBL01

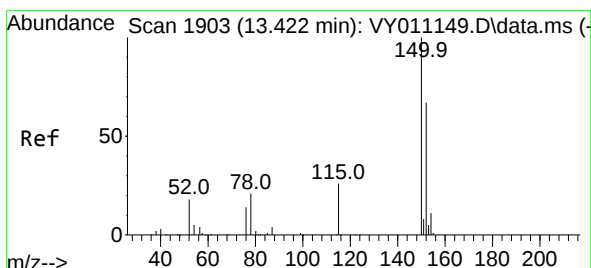
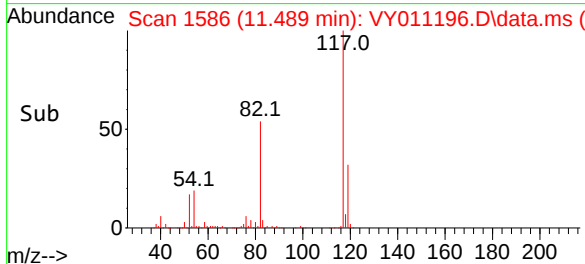
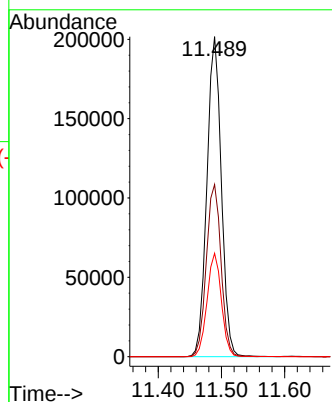
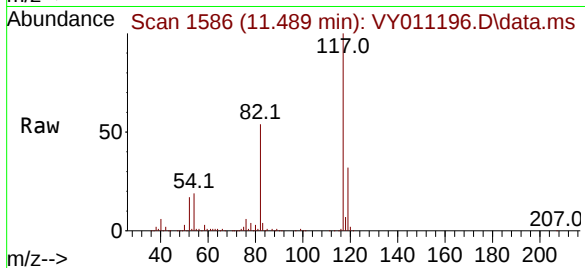
Tgt Ion:117 Resp: 320464

Ion Ratio Lower Upper

117 100

82 53.8 43.0 64.4

119 32.3 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY011196.D

Acq: 31 Oct 2022 14:50

Tgt Ion:152 Resp: 147714

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 156.2 0.0 347.6

