

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY013122\
 Data File : VY007339.D
 Acq On : 31 Jan 2022 15:38
 Operator : SY/MD
 Sample : VY0131SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0131SBL01

Quant Time: Feb 01 01:52:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	115058	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	215348	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	204033	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	87359	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	75246	53.299	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	106.600%
35) Dibromofluoromethane	7.722	113	71183	48.884	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.760%
50) Toluene-d8	10.185	98	263079	49.444	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	98.880%
62) 4-Bromofluorobenzene	12.483	95	93403	49.350	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	98.700%

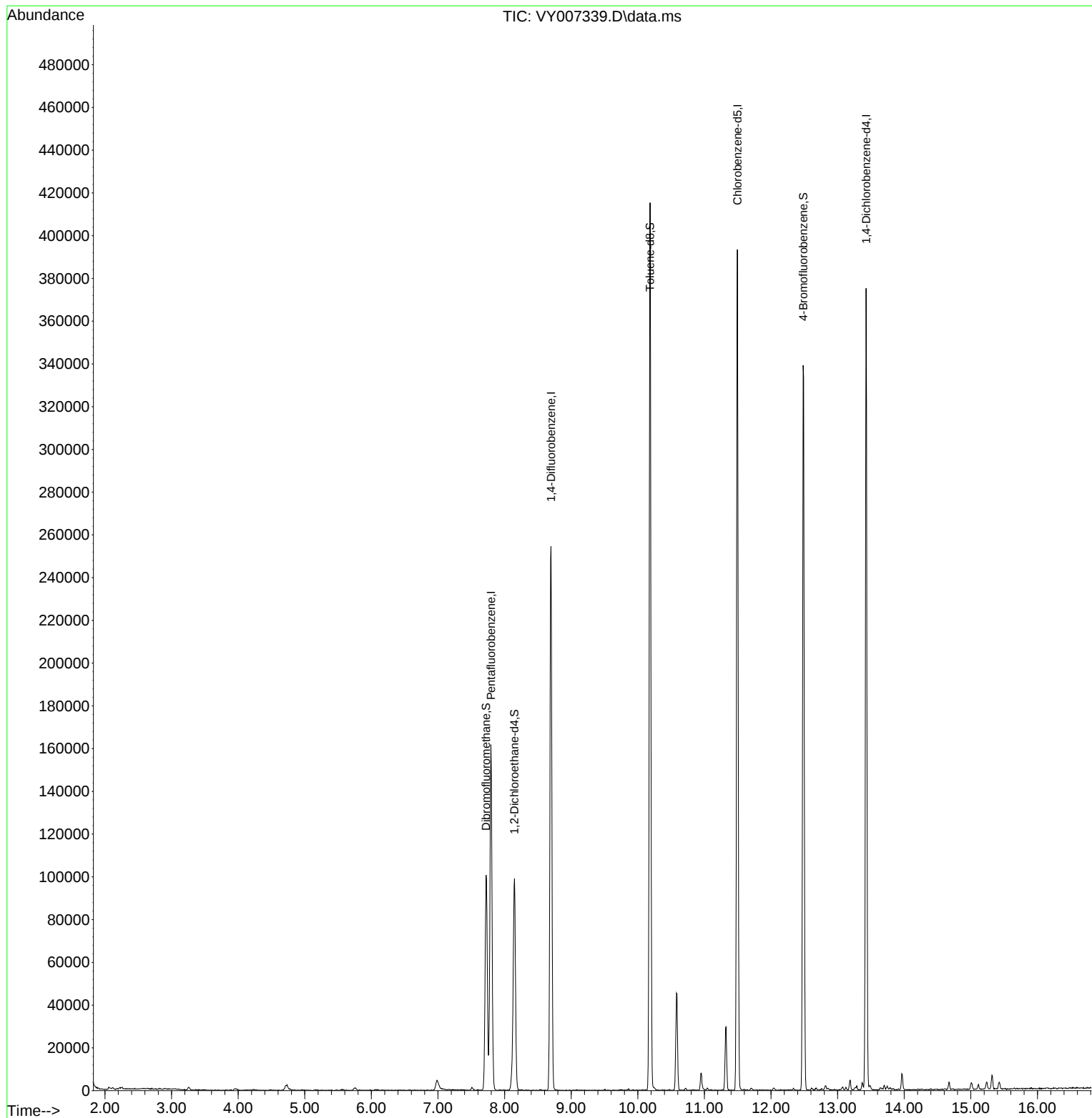
Target Compounds	Qvalue

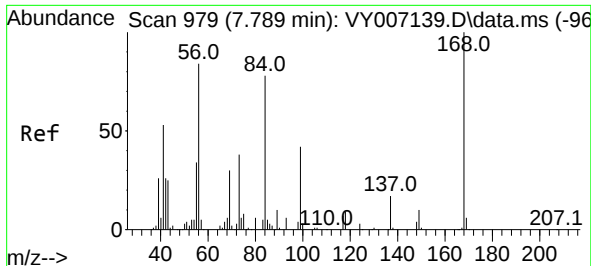
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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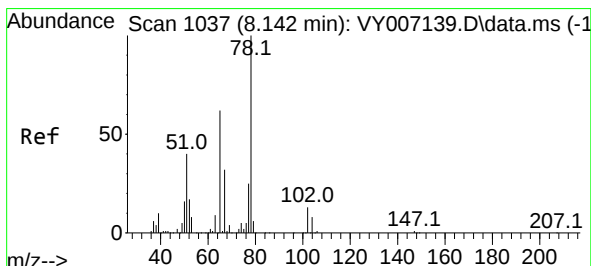
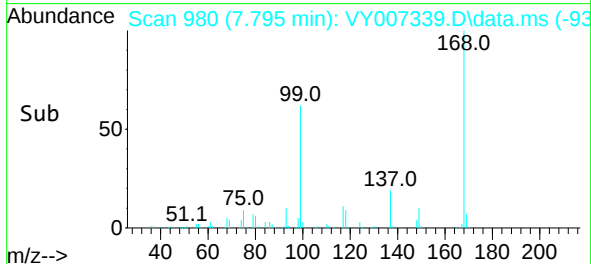
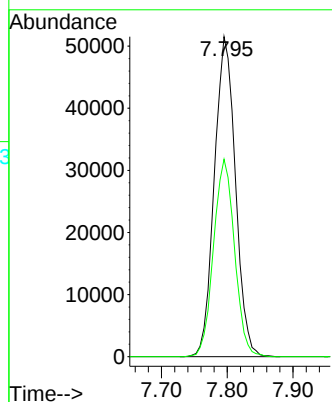
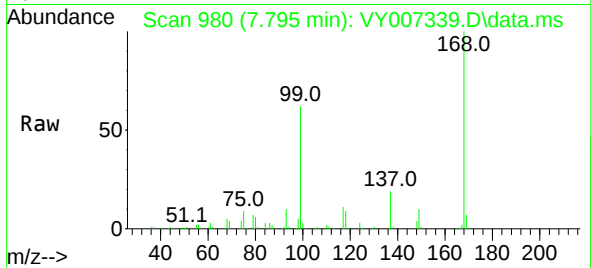




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY007339.D
Acq: 31 Jan 2022 15:38

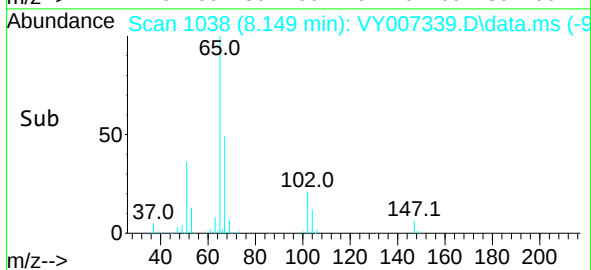
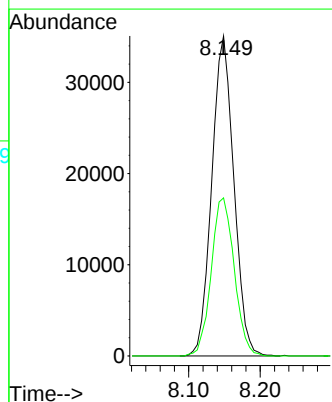
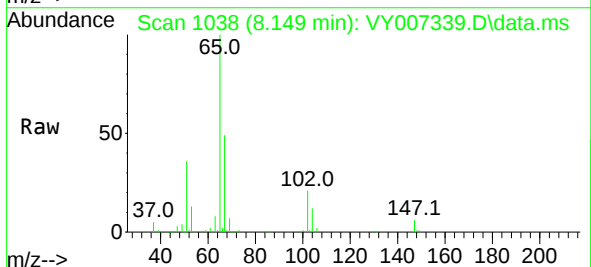
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

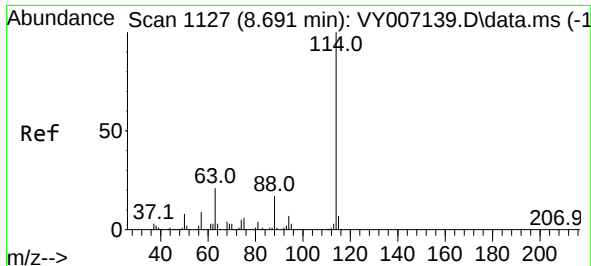
Tgt Ion:168 Resp: 115058
Ion Ratio Lower Upper
168 100
99 61.7 49.1 73.7



#33
1,2-Dichloroethane-d4
Concen: 53.299 ug/l
RT: 8.149 min Scan# 1038
Delta R.T. 0.006 min
Lab File: VY007339.D
Acq: 31 Jan 2022 15:38

Tgt Ion: 65 Resp: 75246
Ion Ratio Lower Upper
65 100
67 51.4 0.0 105.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY007339.D

Acq: 31 Jan 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL01

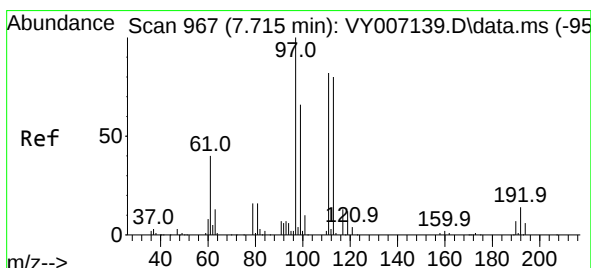
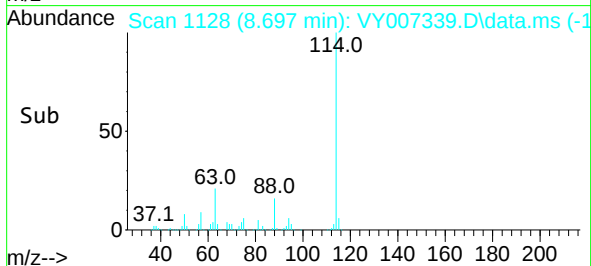
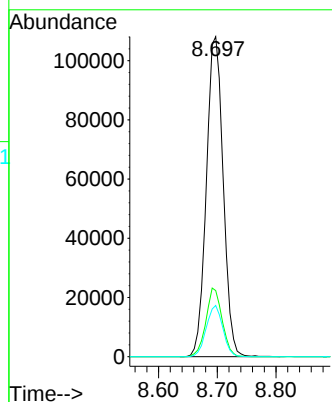
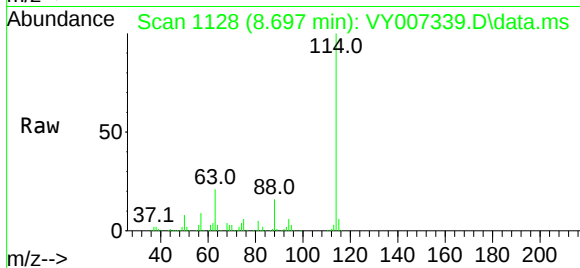
Tgt Ion:114 Resp: 215348

Ion Ratio Lower Upper

114 100

63 20.7 0.0 39.2

88 16.0 0.0 31.0



#35

Dibromofluoromethane

Concen: 48.884 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY007339.D

Acq: 31 Jan 2022 15:38

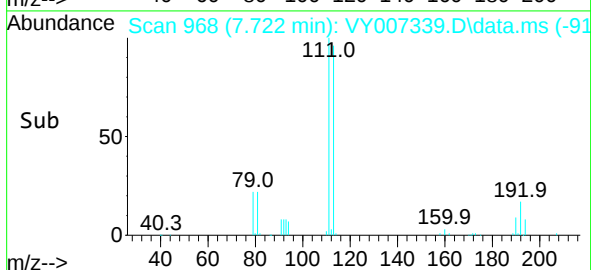
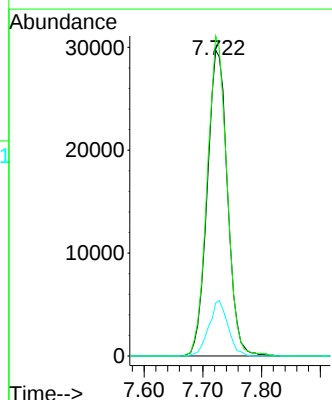
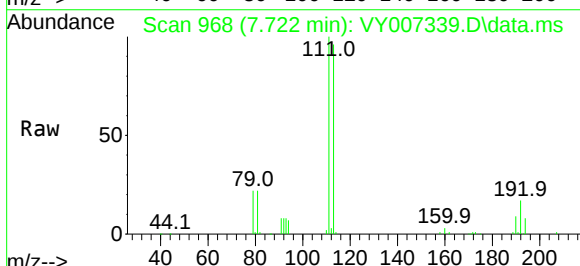
Tgt Ion:113 Resp: 71183

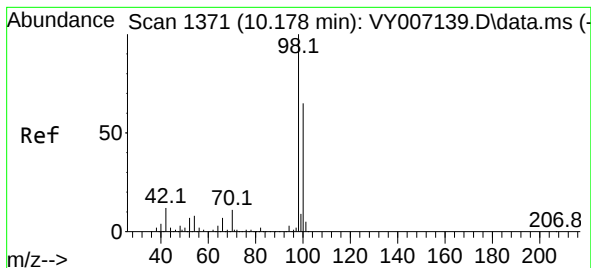
Ion Ratio Lower Upper

113 100

111 102.3 82.2 123.4

192 17.1 14.2 21.4

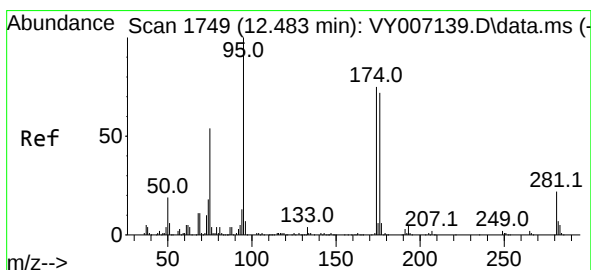
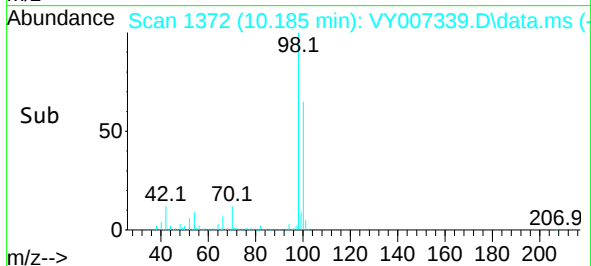
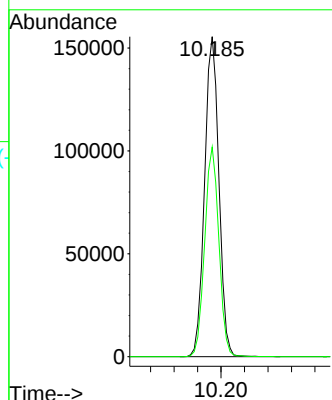
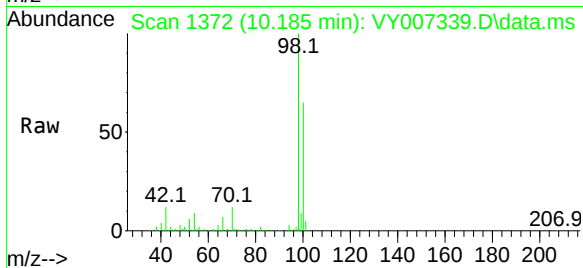




#50
Toluene-d8
Concen: 49.444 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY007339.D
Acq: 31 Jan 2022 15:38

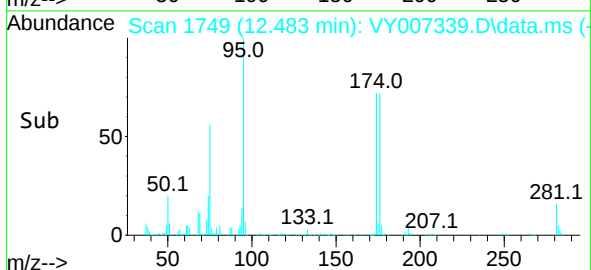
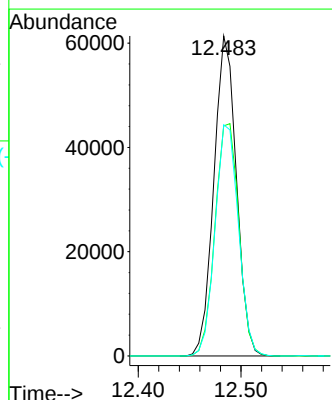
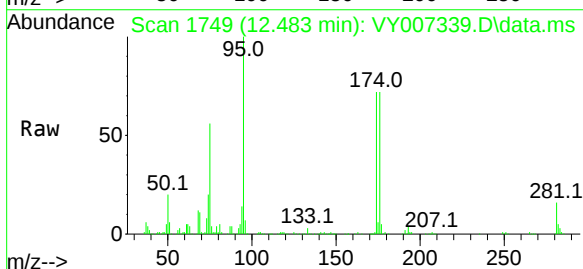
Instrument :
MSVOA_Y
ClientSampleId :
VY0131SBL01

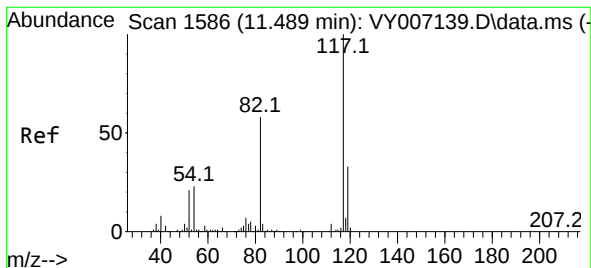
Tgt Ion: 98 Resp: 263079
Ion Ratio Lower Upper
98 100
100 65.0 52.2 78.2



#62
4-Bromofluorobenzene
Concen: 49.350 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY007339.D
Acq: 31 Jan 2022 15:38

Tgt Ion: 95 Resp: 93403
Ion Ratio Lower Upper
95 100
174 76.7 0.0 148.4
176 75.0 0.0 146.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY007339.D

Acq: 31 Jan 2022 15:38

Instrument :

MSVOA_Y

ClientSampleId :

VY0131SBL01

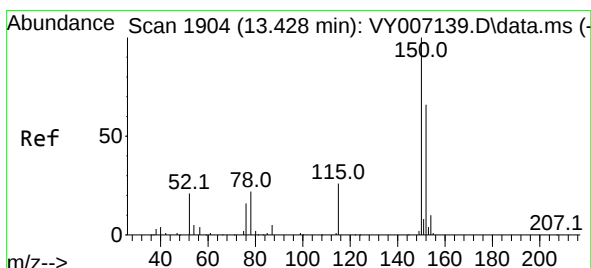
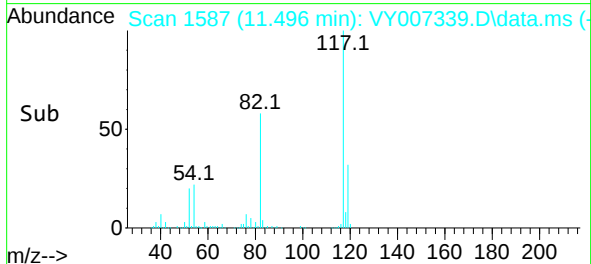
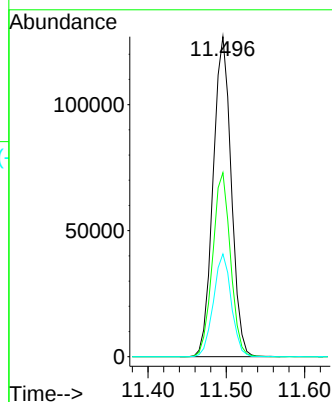
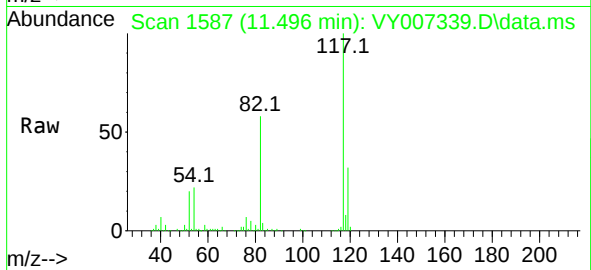
Tgt Ion:117 Resp: 204033

Ion Ratio Lower Upper

117 100

82 57.5 45.4 68.0

119 32.1 26.4 39.6



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY007339.D

Acq: 31 Jan 2022 15:38

Tgt Ion:152 Resp: 87359

Ion Ratio Lower Upper

152 100

115 62.9 31.4 94.0

150 159.0 0.0 348.4

