

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080122\
 Data File : VY009790.D
 Acq On : 01 Aug 2022 12:35
 Operator : KP/MD
 Sample : VY0801SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0801SBL01

Quant Time: Aug 02 01:36:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y072622S.M
 Quant Title : SW846 8260
 QLast Update : Wed Jul 27 04:24:58 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	176456	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	283485	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	264818	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	124789	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	75870	66.278	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	132.560%
35) Dibromofluoromethane	7.710	113	74447	48.286	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.580%
50) Toluene-d8	10.179	98	244326	54.821	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	109.640%
62) 4-Bromofluorobenzene	12.483	95	74383	36.384	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	72.760%

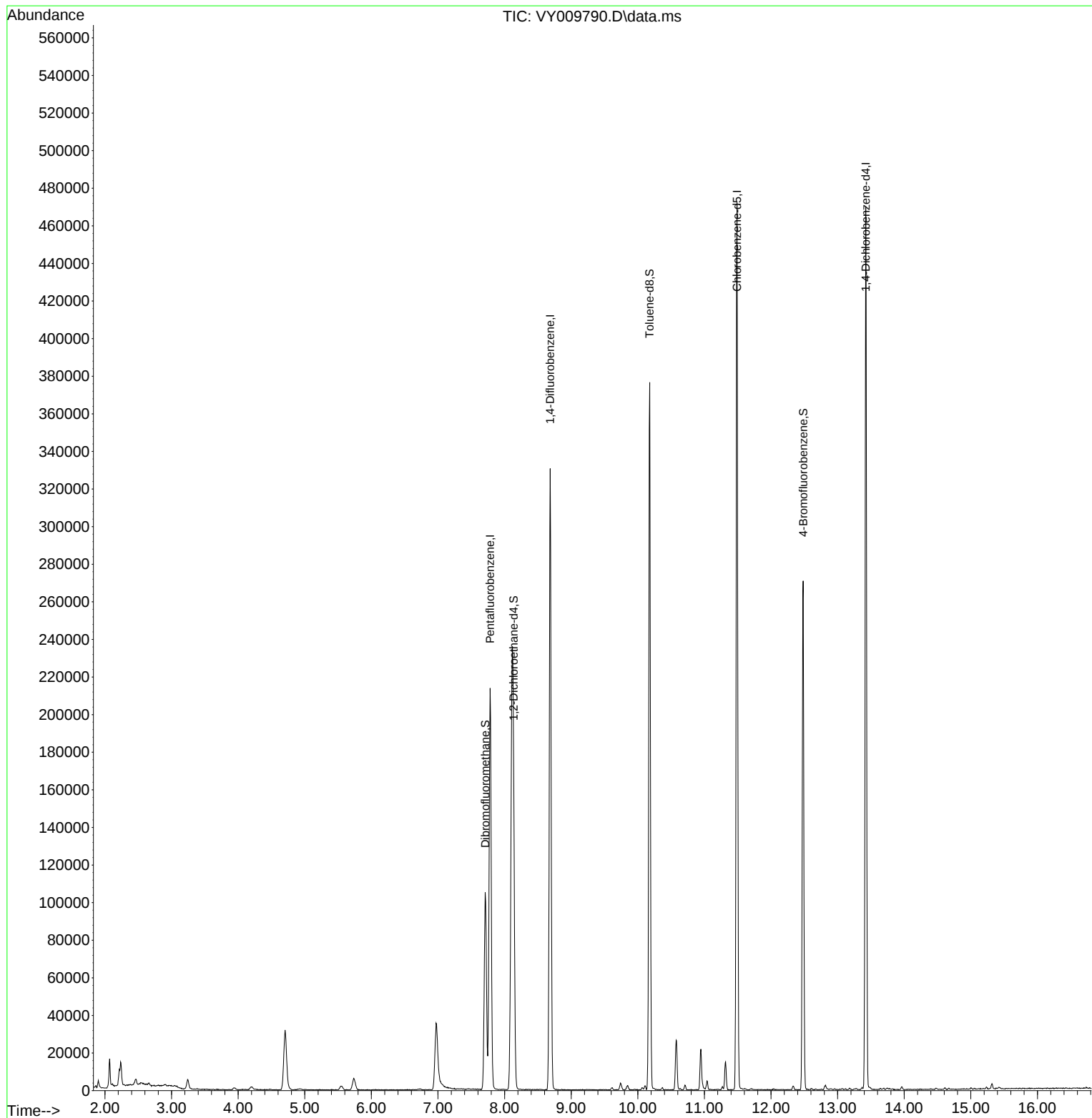
Target Compounds	Qvalue

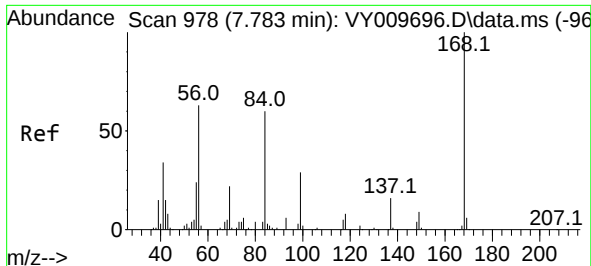
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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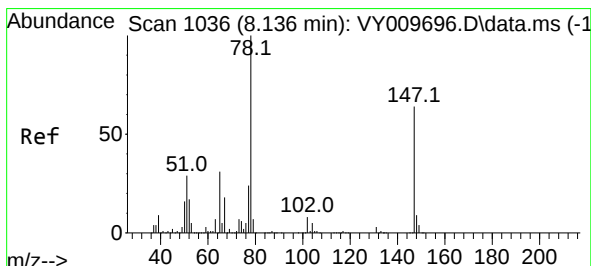
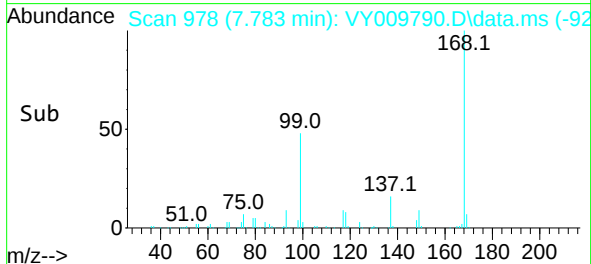
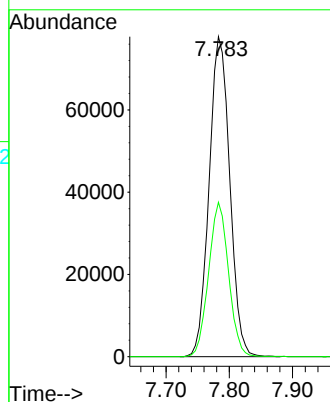
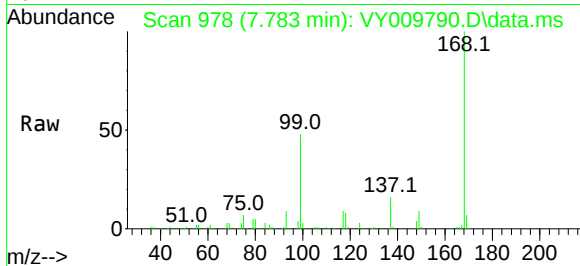




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

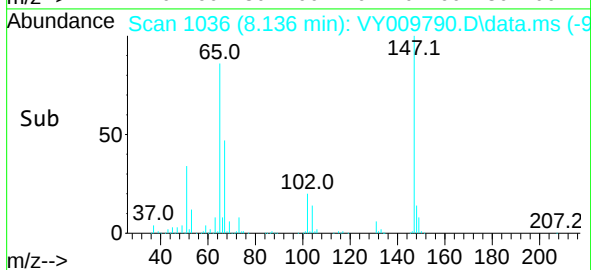
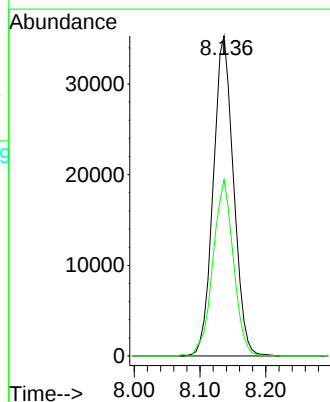
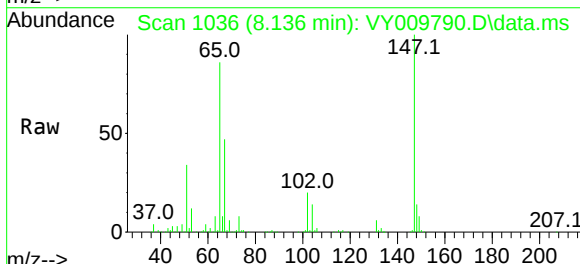
Instrument :
MSVOA_Y
ClientSampleId :
VY0801SBL01

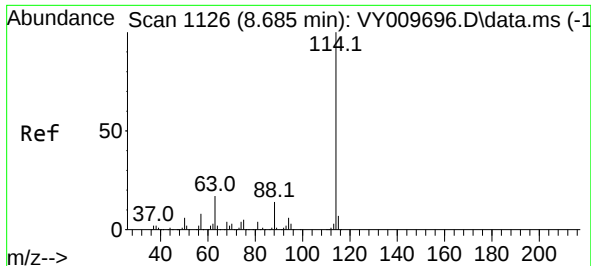
Tgt Ion:168 Resp: 176456
Ion Ratio Lower Upper
168 100
99 48.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 66.278 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 65 Resp: 75870
Ion Ratio Lower Upper
65 100
67 55.7 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY009790.D

Acq: 01 Aug 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBL01

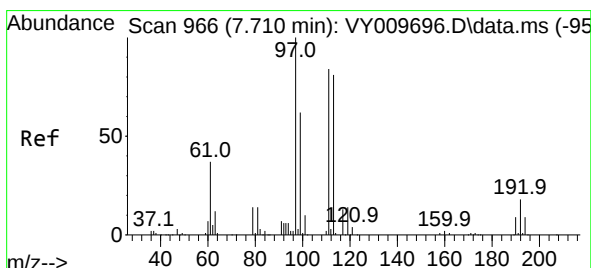
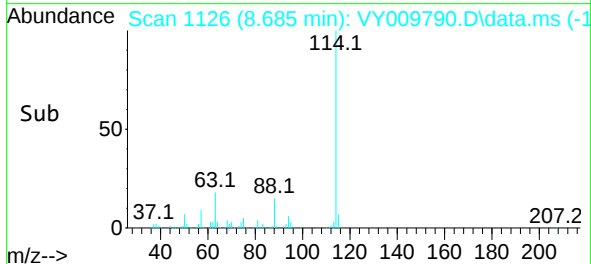
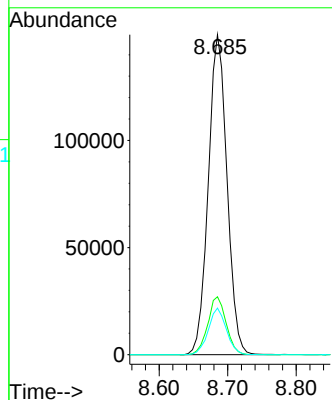
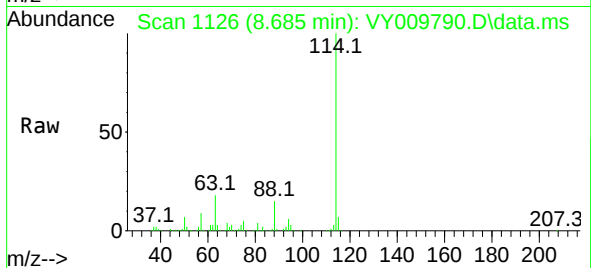
Tgt Ion:114 Resp: 283485

Ion Ratio Lower Upper

114 100

63 18.1 0.0 43.2

88 14.6 0.0 31.8



#35

Dibromofluoromethane

Concen: 48.286 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009790.D

Acq: 01 Aug 2022 12:35

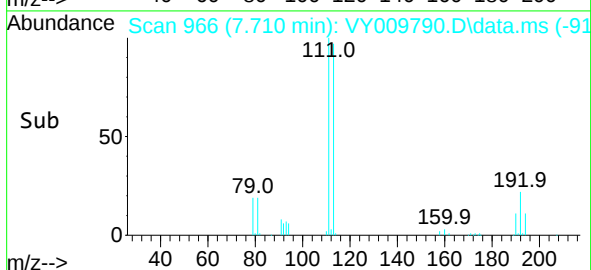
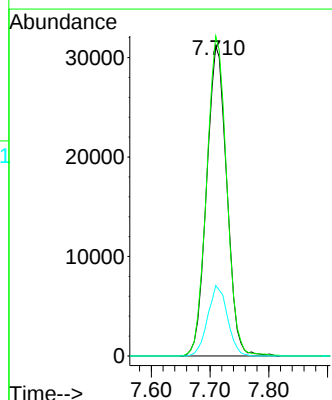
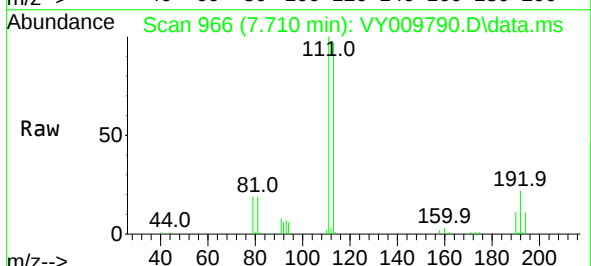
Tgt Ion:113 Resp: 74447

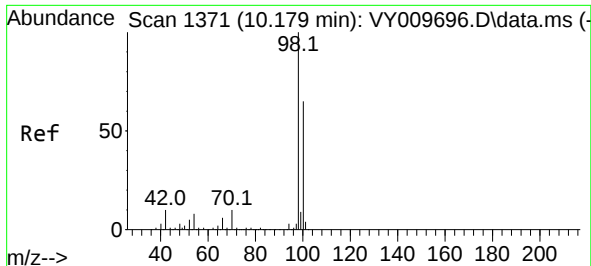
Ion Ratio Lower Upper

113 100

111 102.7 82.6 124.0

192 22.2 17.6 26.4

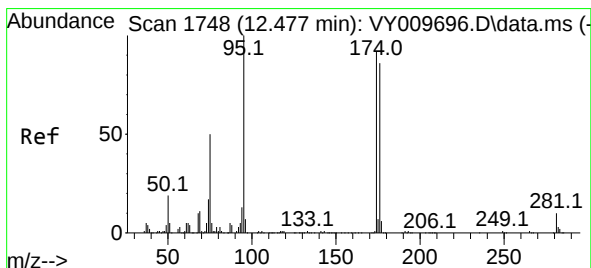
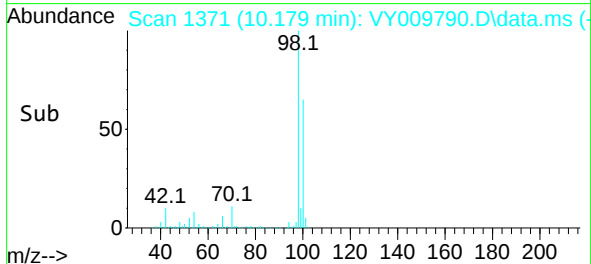
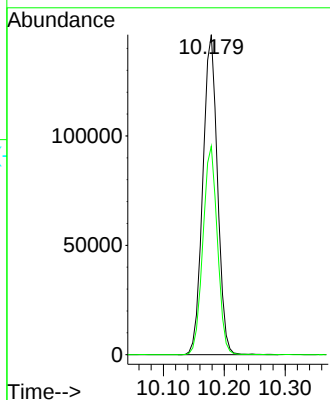
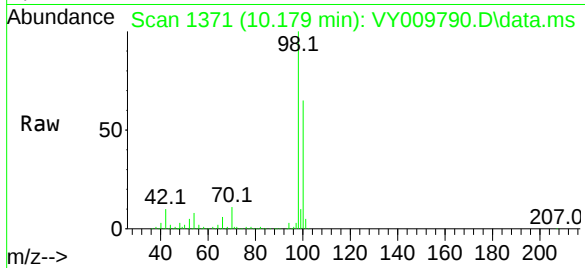




#50
Toluene-d8
Concen: 54.821 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

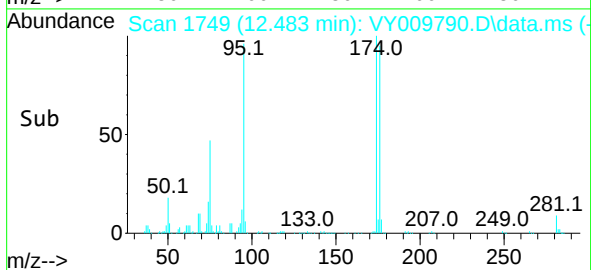
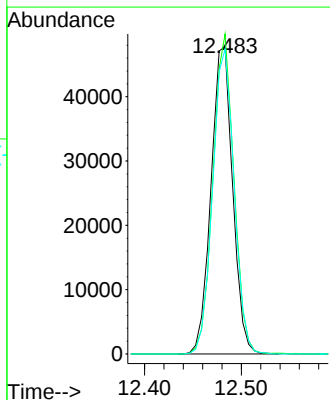
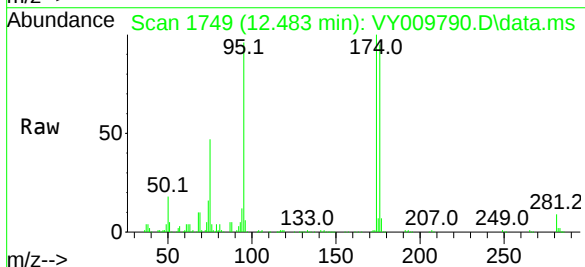
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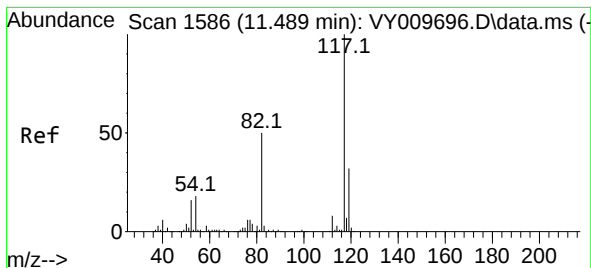
Tgt Ion: 98 Resp: 244326
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 36.384 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009790.D
Acq: 01 Aug 2022 12:35

Tgt Ion: 95 Resp: 74383
Ion Ratio Lower Upper
95 100
174 100.5 0.0 177.0
176 98.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY009790.D

Acq: 01 Aug 2022 12:35

Instrument :

MSVOA_Y

ClientSampleId :

VY0801SBL01

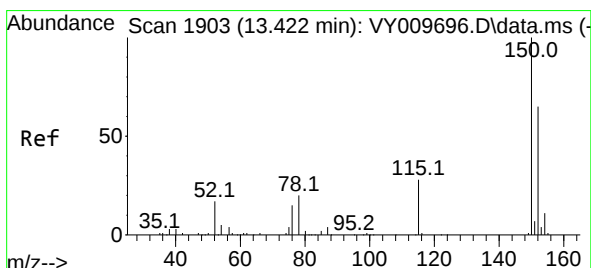
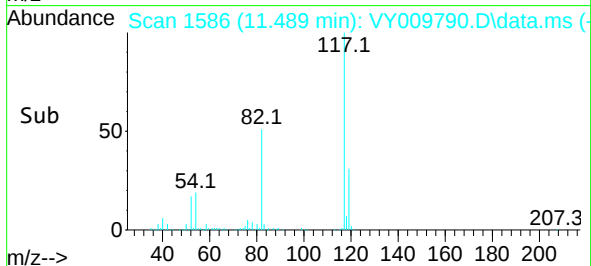
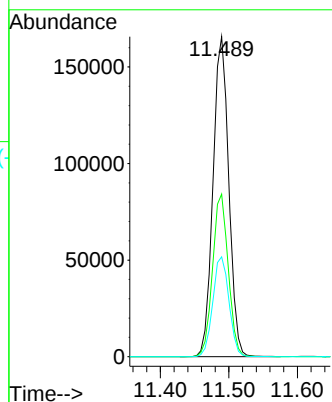
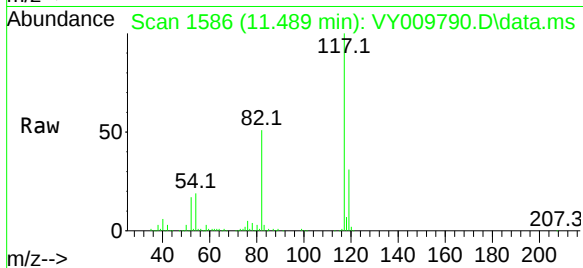
Tgt Ion:117 Resp: 264818

Ion Ratio Lower Upper

117 100

82 50.8 43.0 64.4

119 31.2 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: VY009790.D

Acq: 01 Aug 2022 12:35

Tgt Ion:152 Resp: 124789

Ion Ratio Lower Upper

152 100

115 53.6 28.2 84.7

150 157.1 0.0 347.6

