

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY080422\
 Data File : VY009842.D
 Acq On : 04 Aug 2022 19:05
 Operator : KP/MD
 Sample : N3998-04
 Misc : 5.16g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-4

Quant Time: Aug 05 01:45:11 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080322S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 04 02:27:45 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	41737	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	93820	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	92569	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	37047	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	23755	71.894	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	143.780%
35) Dibromofluoromethane	7.710	113	19961	34.895	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	69.780%
50) Toluene-d8	10.179	98	81892	48.565	ug/l	0.00
Spiked Amount	50.000	Range	78 - 125	Recovery	=	97.140%
62) 4-Bromofluorobenzene	12.483	95	25743	33.234	ug/l	0.00
Spiked Amount	50.000	Range	50 - 146	Recovery	=	66.460%

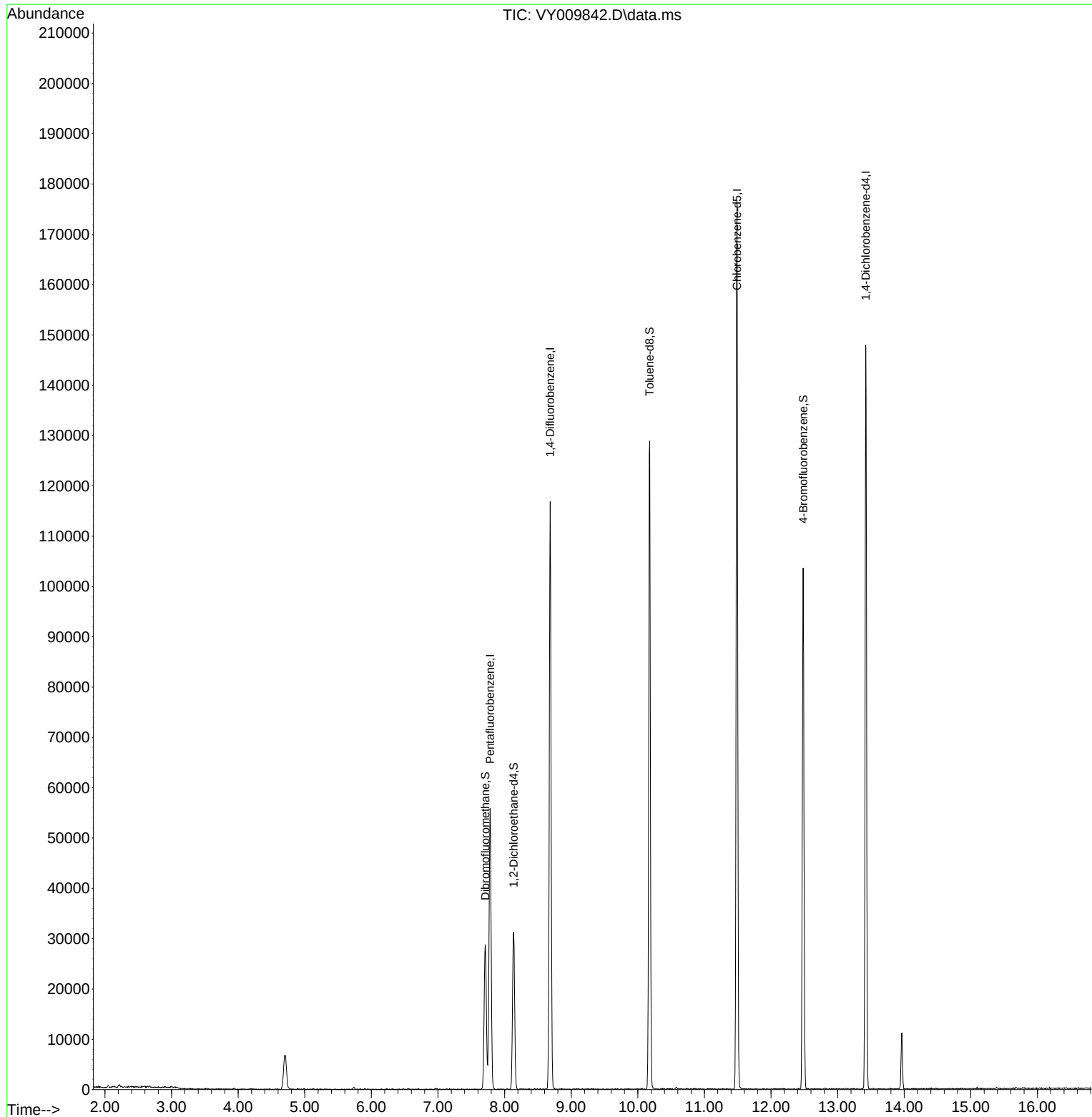
Target Compounds	Qvalue

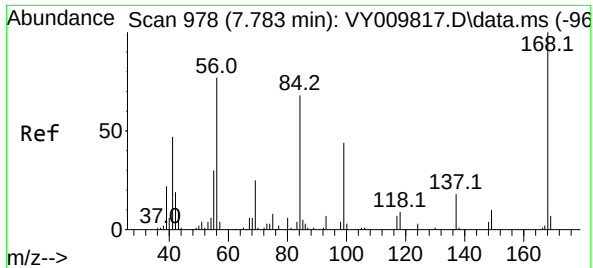
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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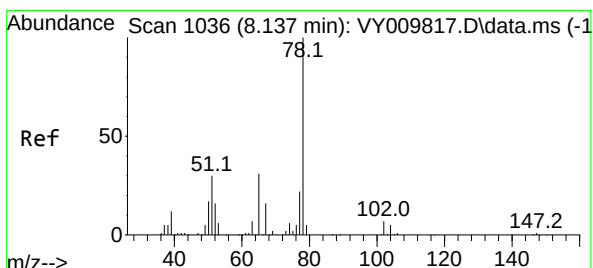
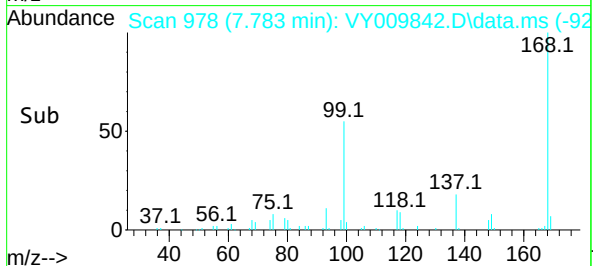
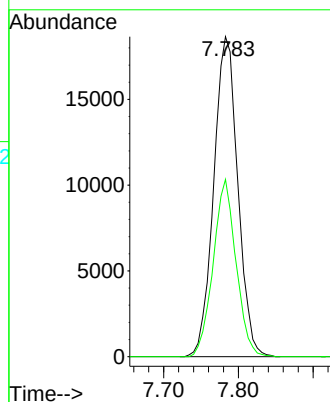
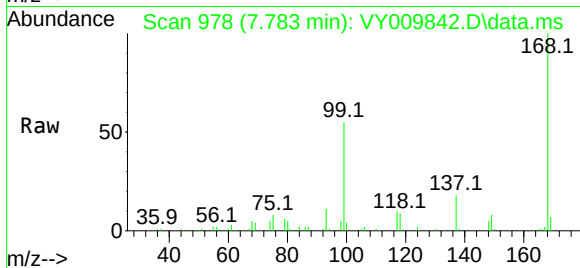




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

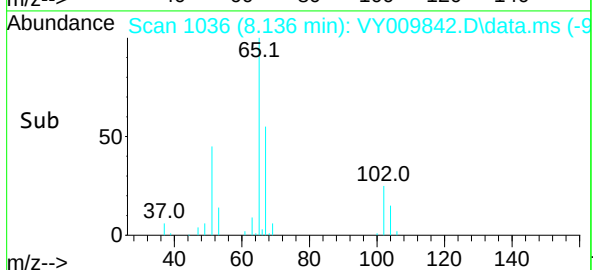
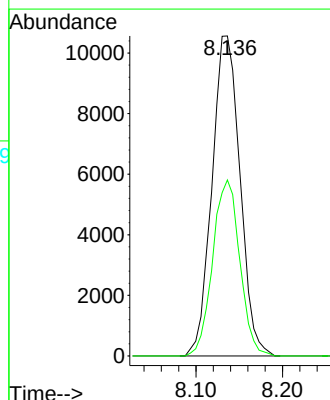
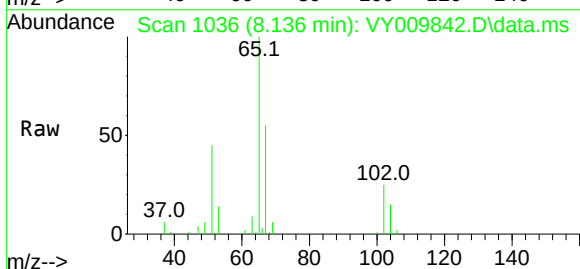
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

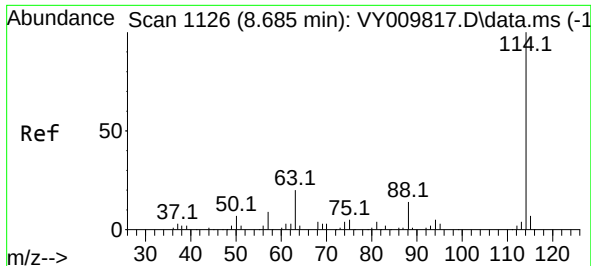
Tgt Ion:168 Resp: 41737
Ion Ratio Lower Upper
168 100
99 55.4 44.7 67.1



#33
1,2-Dichloroethane-d4
Concen: 71.894 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.001 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 65 Resp: 23755
Ion Ratio Lower Upper
65 100
67 53.0 0.0 112.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.000 min

Lab File: VY009842.D

Acq: 04 Aug 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

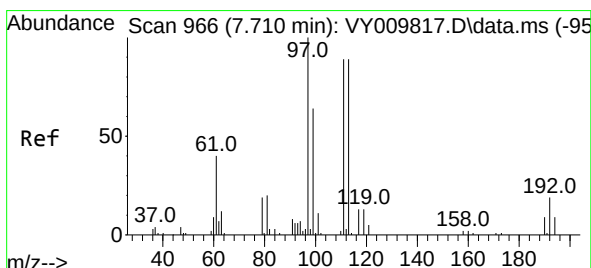
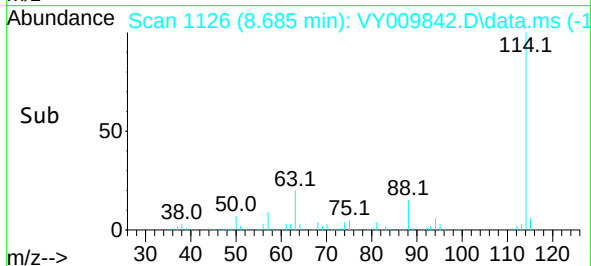
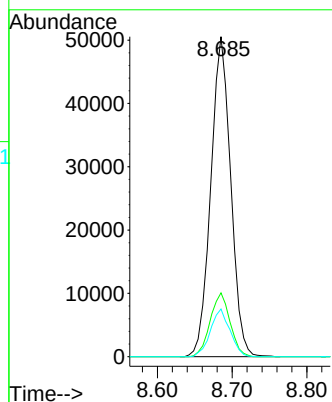
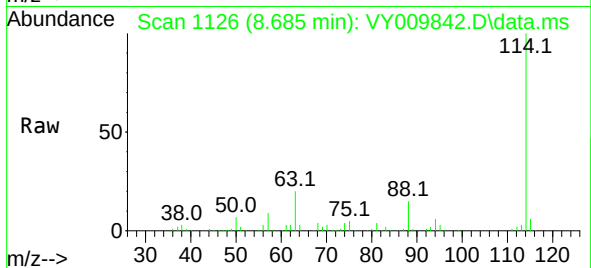
Tgt Ion:114 Resp: 93820

Ion Ratio Lower Upper

114 100

63 19.9 0.0 39.2

88 14.9 0.0 27.6



#35

Dibromofluoromethane

Concen: 34.895 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.000 min

Lab File: VY009842.D

Acq: 04 Aug 2022 19:05

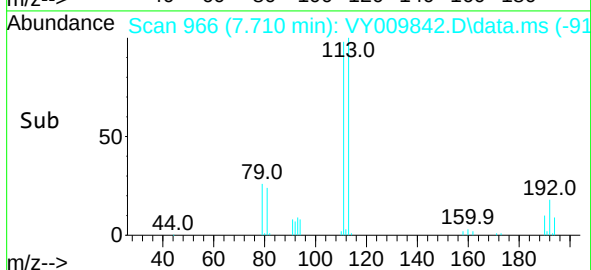
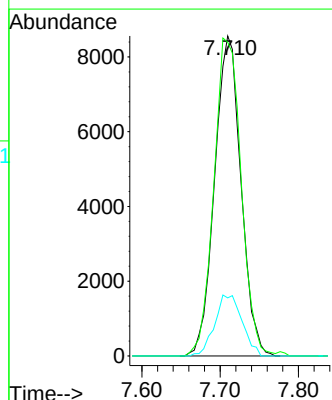
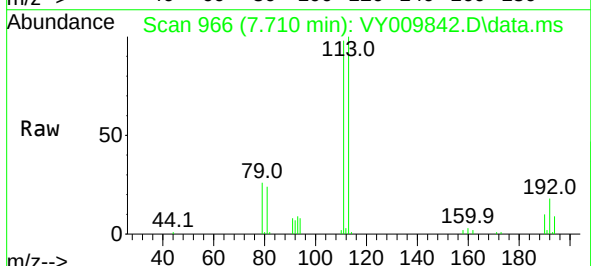
Tgt Ion:113 Resp: 19961

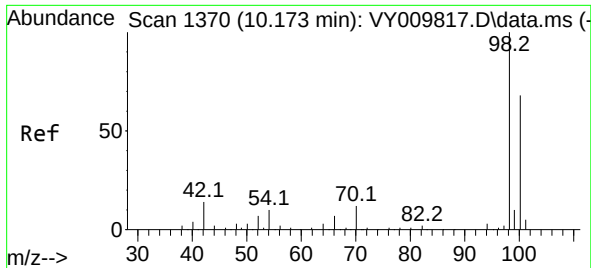
Ion Ratio Lower Upper

113 100

111 103.5 82.4 123.6

192 19.8 16.5 24.7

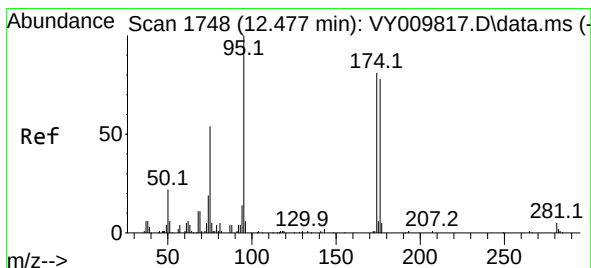
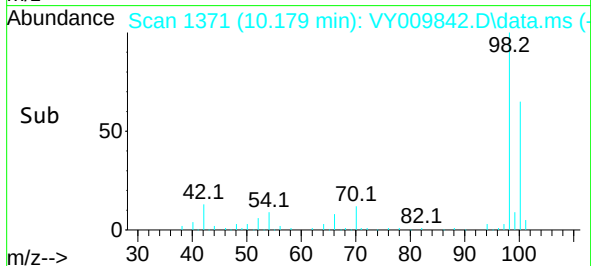
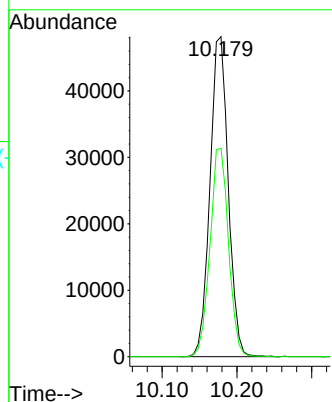
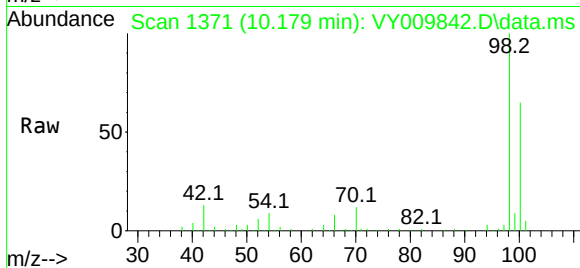




#50
Toluene-d8
Concen: 48.565 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

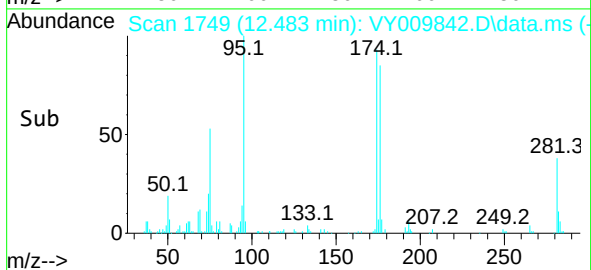
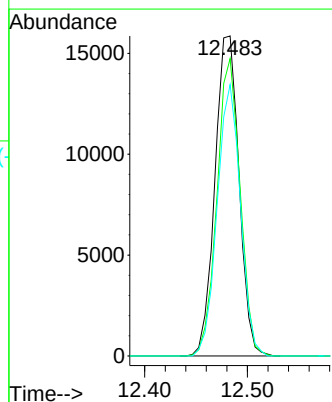
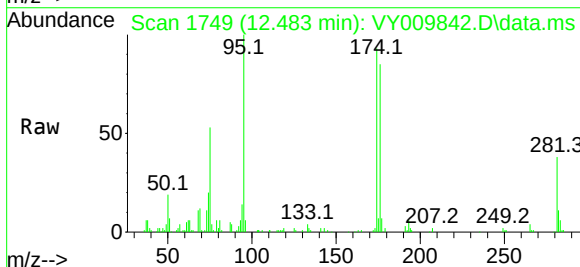
Instrument :
MSVOA_Y
ClientSampleId :
SB-4

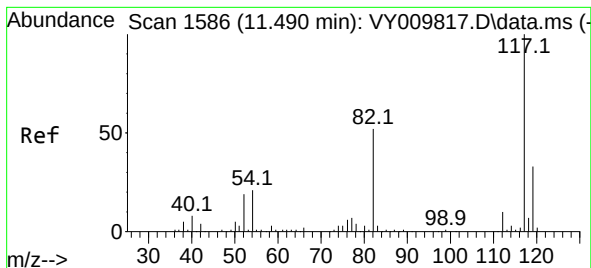
Tgt Ion: 98 Resp: 81892
Ion Ratio Lower Upper
98 100
100 65.9 53.4 80.2



#62
4-Bromofluorobenzene
Concen: 33.234 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009842.D
Acq: 04 Aug 2022 19:05

Tgt Ion: 95 Resp: 25743
Ion Ratio Lower Upper
95 100
174 89.4 0.0 168.6
176 81.9 0.0 163.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009842.D

Acq: 04 Aug 2022 19:05

Instrument :

MSVOA_Y

ClientSampleId :

SB-4

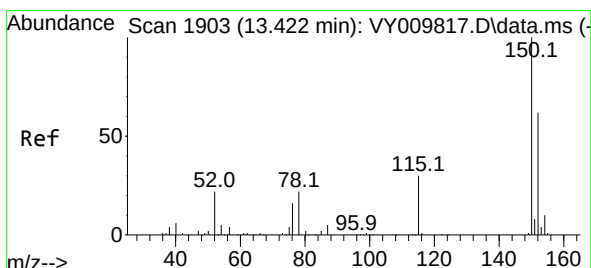
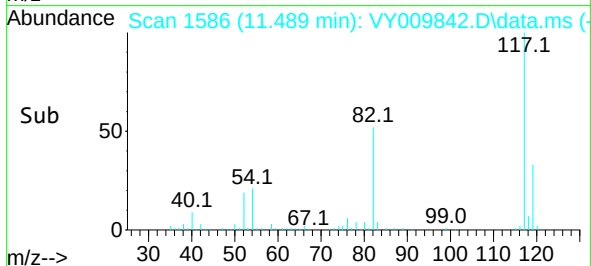
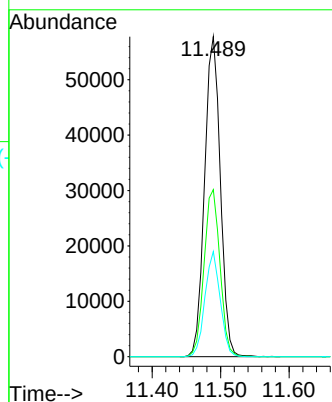
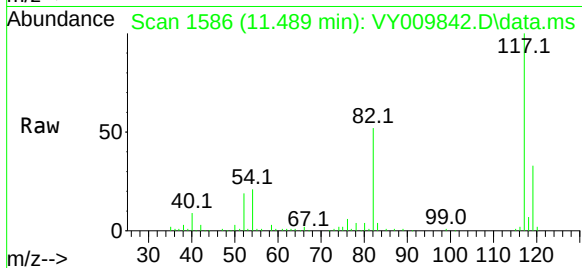
Tgt Ion:117 Resp: 92569

Ion Ratio Lower Upper

117 100

82 52.2 41.7 62.5

119 32.9 26.6 40.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009842.D

Acq: 04 Aug 2022 19:05

Tgt Ion:152 Resp: 37047

Ion Ratio Lower Upper

152 100

115 56.3 28.9 86.7

150 155.0 0.0 354.2

