

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100322\
 Data File : VY010778.D
 Acq On : 03 Oct 2022 19:51
 Operator : KP/MD
 Sample : N4936-01
 Misc : 3.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SASP2-T-2-(0-6)

Quant Time: Oct 04 07:36:07 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	26404	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	43695	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	37963	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	12999	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	17229	64.374	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	128.740%
35) Dibromofluoromethane	7.716	113	15122	52.136	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.280%
50) Toluene-d8	10.179	98	47558	47.944	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	95.880%
62) 4-Bromofluorobenzene	12.477	95	13132	32.606	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	65.220%

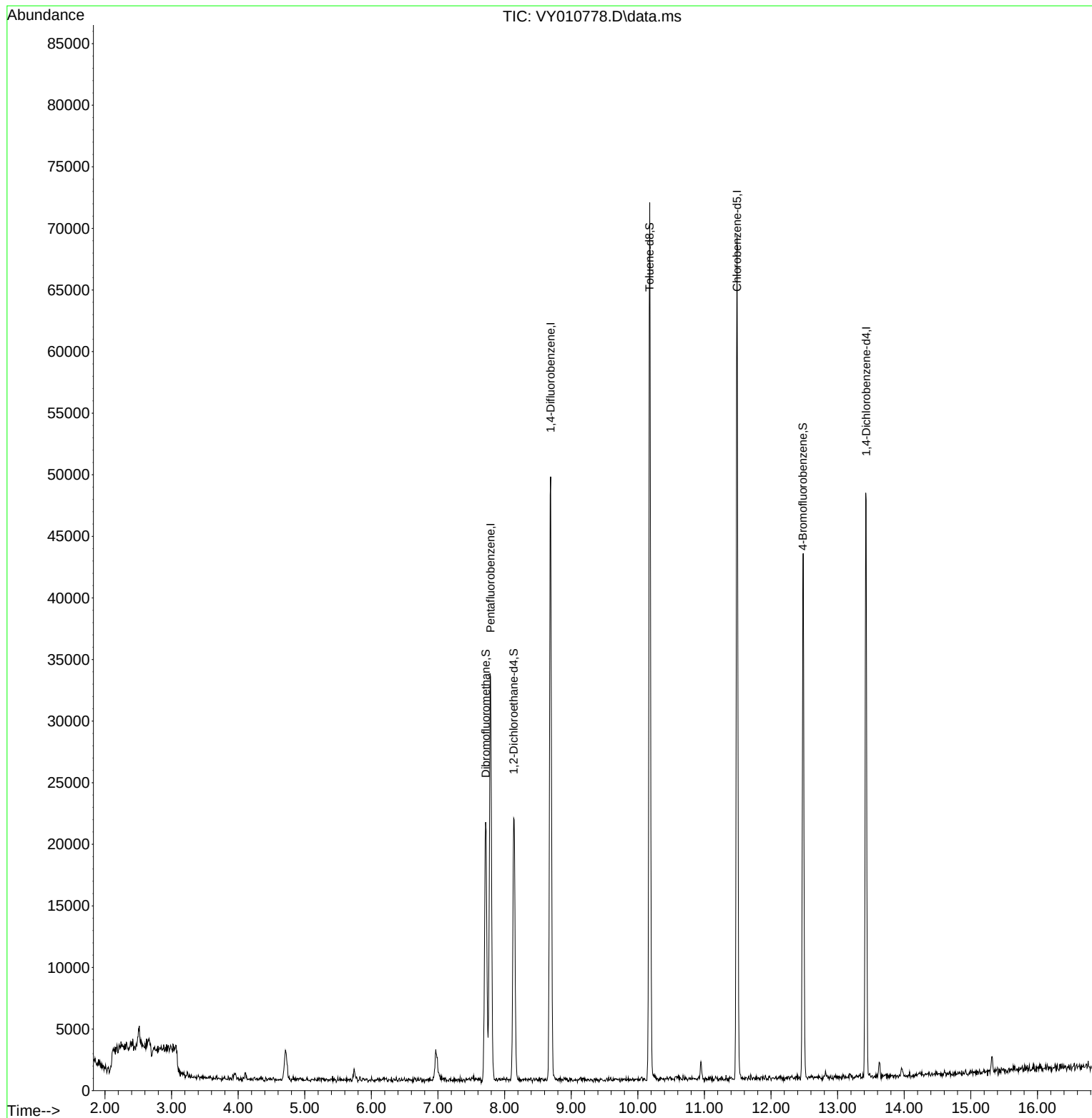
Target Compounds	Qvalue

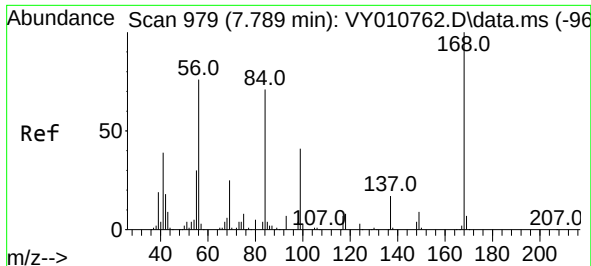
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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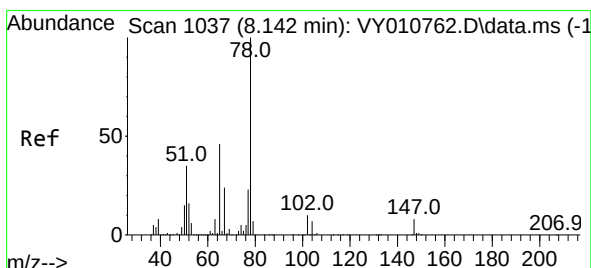
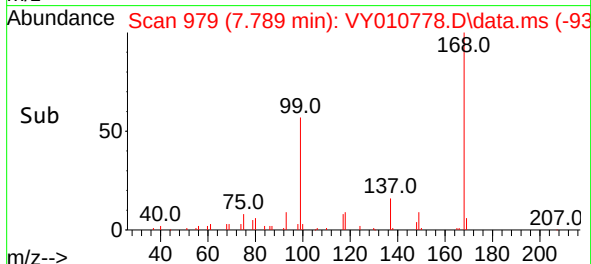
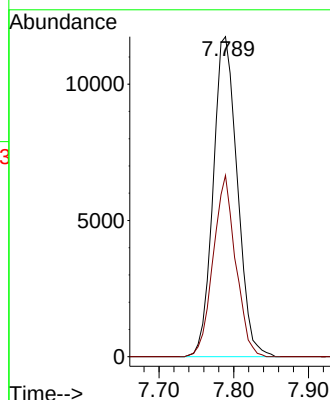
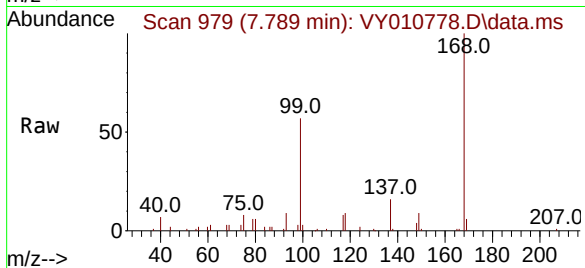




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010778.D
Acq: 03 Oct 2022 19:51

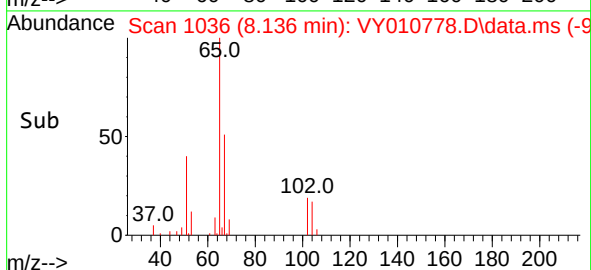
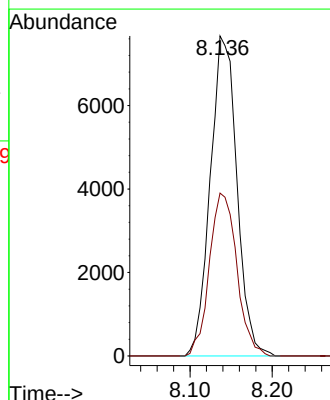
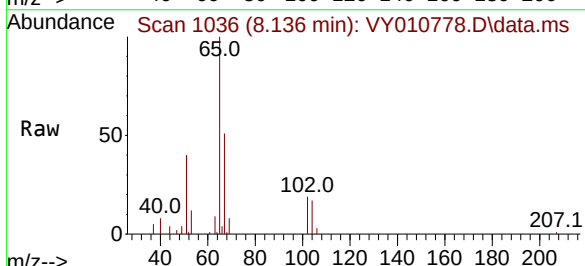
Instrument :
MSVOA_Y
ClientSampleId :
SASP2-T-2-(0-6)

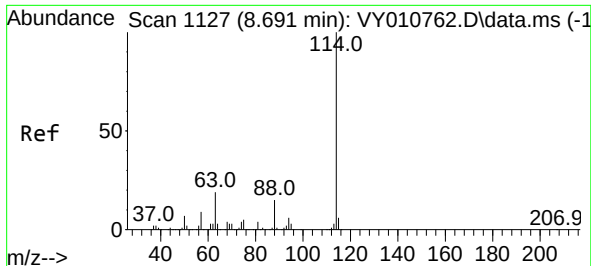
Tgt Ion:168 Resp: 26404
Ion Ratio Lower Upper
168 100
99 56.6 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 64.374 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY010778.D
Acq: 03 Oct 2022 19:51

Tgt Ion: 65 Resp: 17229
Ion Ratio Lower Upper
65 100
67 52.4 0.0 99.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY010778.D

Acq: 03 Oct 2022 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-2-(0-6)

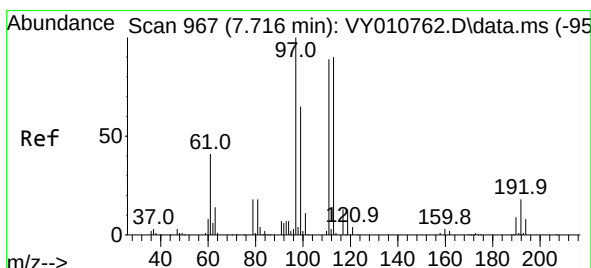
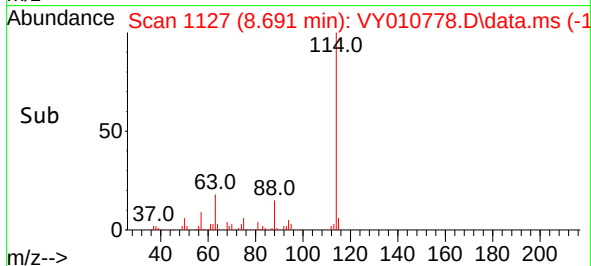
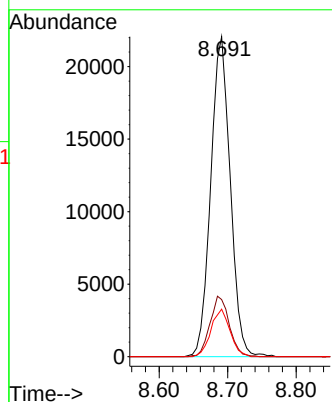
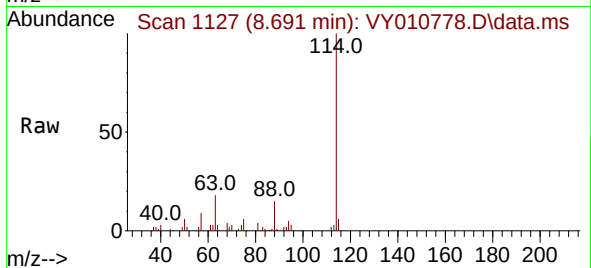
Tgt Ion:114 Resp: 43695

Ion Ratio Lower Upper

114 100

63 17.8 0.0 43.2

88 14.8 0.0 31.8



#35

Dibromofluoromethane

Concen: 52.136 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY010778.D

Acq: 03 Oct 2022 19:51

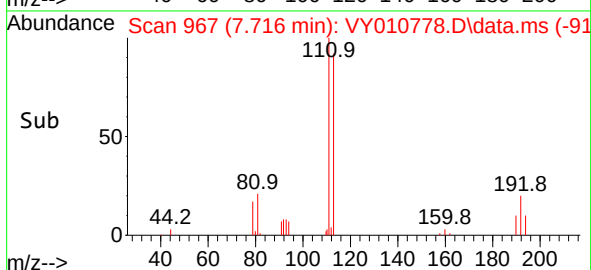
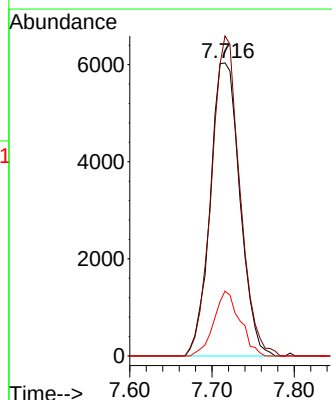
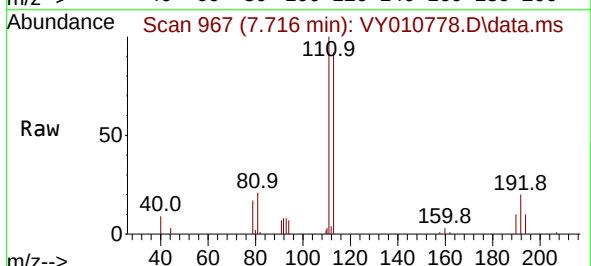
Tgt Ion:113 Resp: 15122

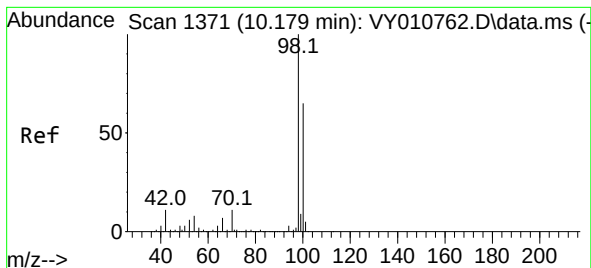
Ion Ratio Lower Upper

113 100

111 104.2 82.6 124.0

192 19.5 17.6 26.4

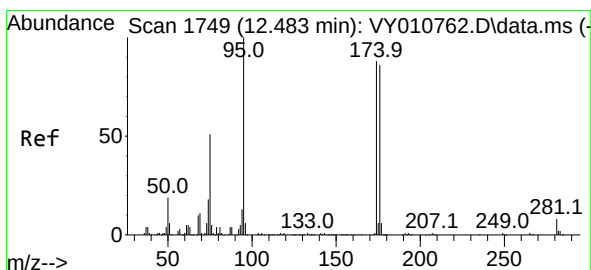
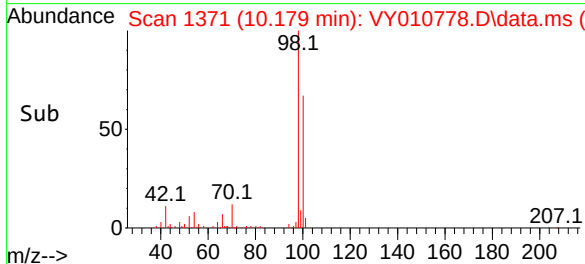
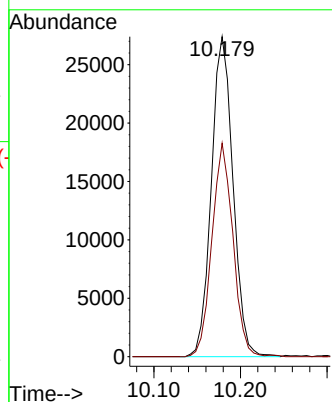
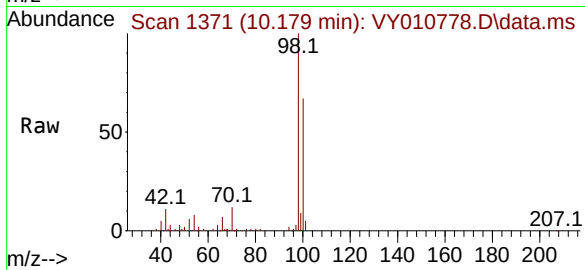




#50
Toluene-d8
Concen: 47.944 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY010778.D
Acq: 03 Oct 2022 19:51

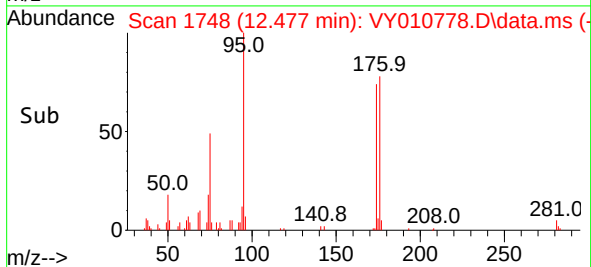
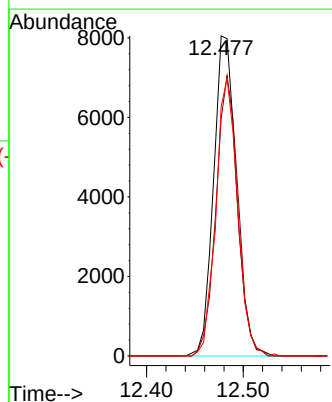
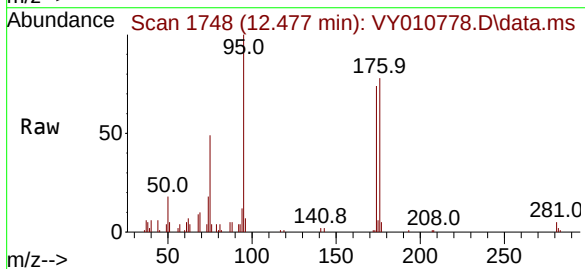
Instrument :
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SASP2-T-2-(0-6)

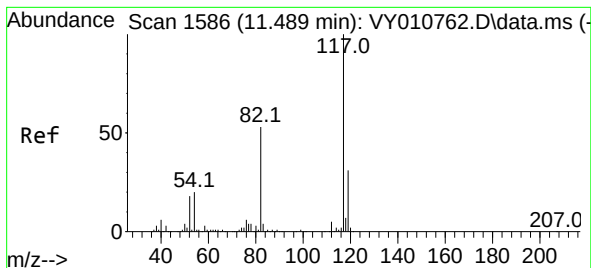
Tgt Ion: 98 Resp: 47558
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 32.606 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY010778.D
Acq: 03 Oct 2022 19:51

Tgt Ion: 95 Resp: 13132
Ion Ratio Lower Upper
95 100
174 85.2 0.0 177.0
176 82.6 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY010778.D

Acq: 03 Oct 2022 19:51

Instrument :

MSVOA_Y

ClientSampleId :

SASP2-T-2-(0-6)

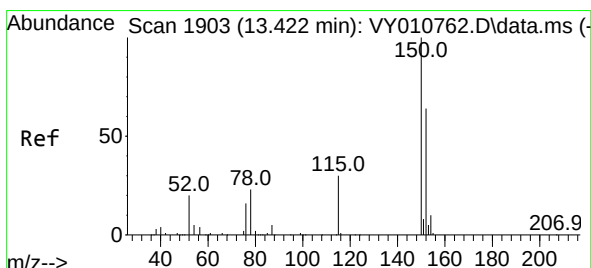
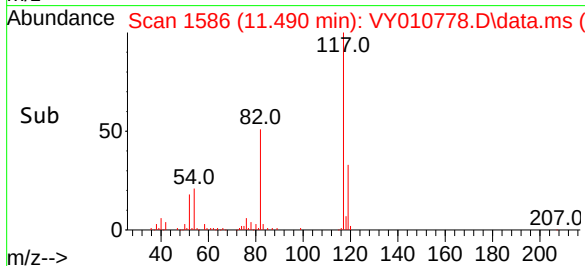
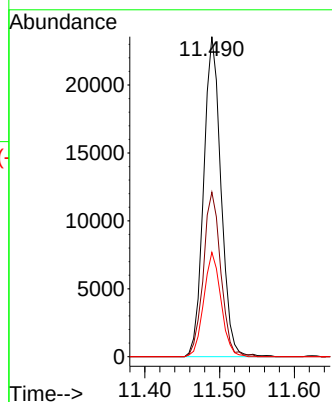
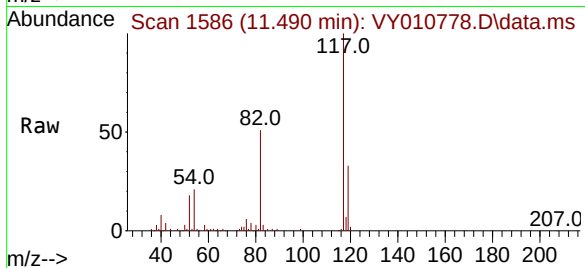
Tgt Ion:117 Resp: 37963

Ion Ratio Lower Upper

117 100

82 51.4 43.0 64.4

119 32.6 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010778.D

Acq: 03 Oct 2022 19:51

Tgt Ion:152 Resp: 12999

Ion Ratio Lower Upper

152 100

115 58.8 28.2 84.7

150 158.0 0.0 347.6

