

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042623\
 Data File : VY013481.D
 Acq On : 26 Apr 2023 18:13
 Operator : KP/MD
 Sample : 02491-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 S2S-TP3

Quant Time: Apr 27 01:36:19 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	41789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	71646	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	75571	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	33075	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	40213	87.782	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	175.560%#
35) Dibromofluoromethane	7.716	113	30343	67.336	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	134.680%
50) Toluene-d8	10.179	98	90915	56.714	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	113.420%
62) 4-Bromofluorobenzene	12.483	95	30859	57.101	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	114.200%

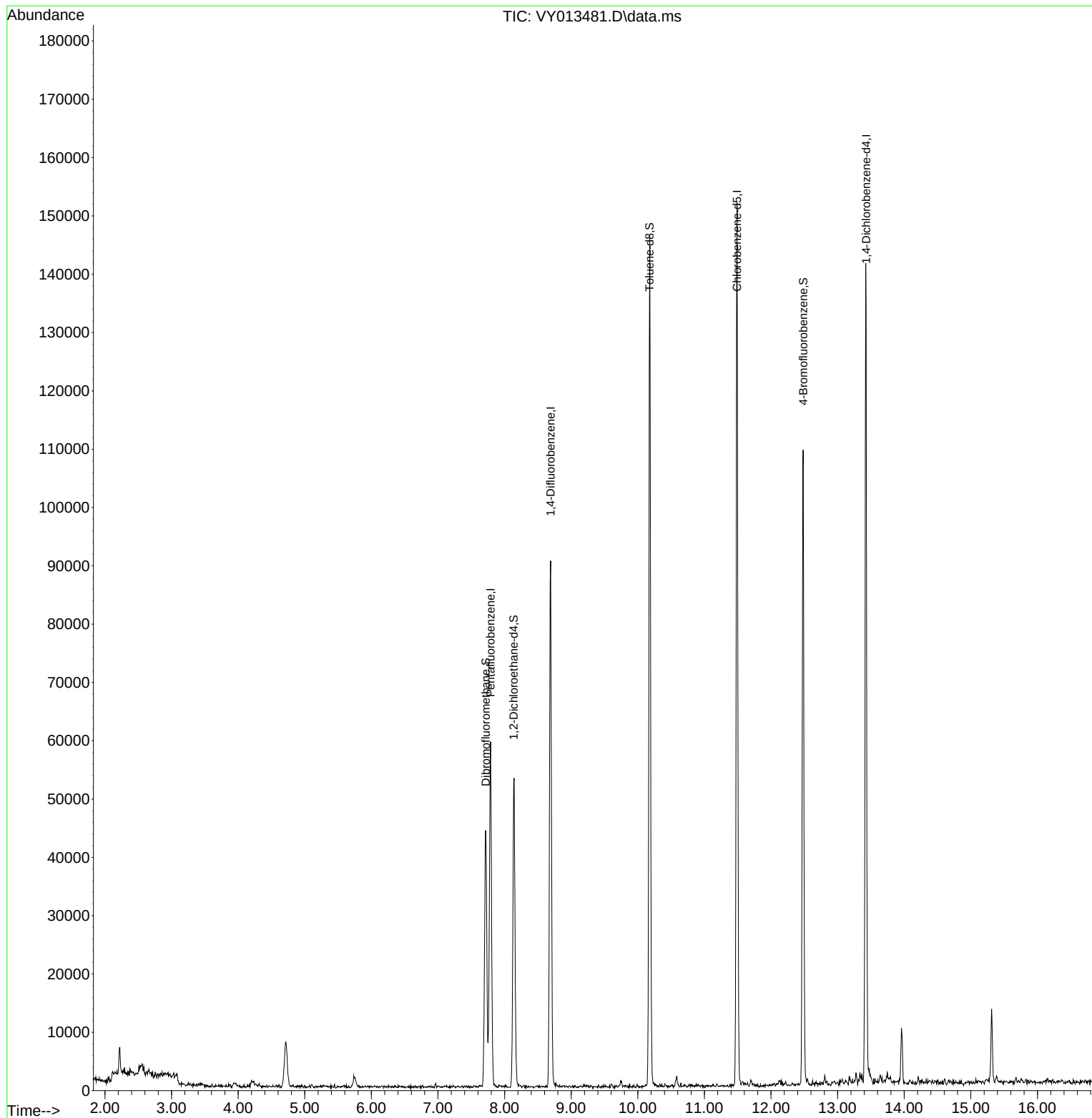
Target Compounds	Qvalue

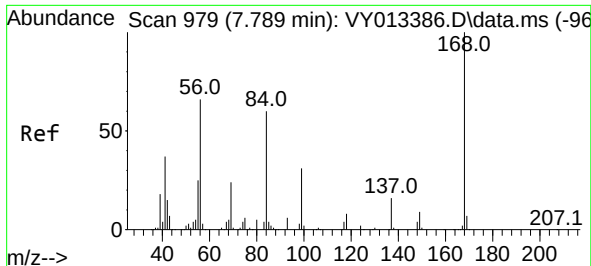
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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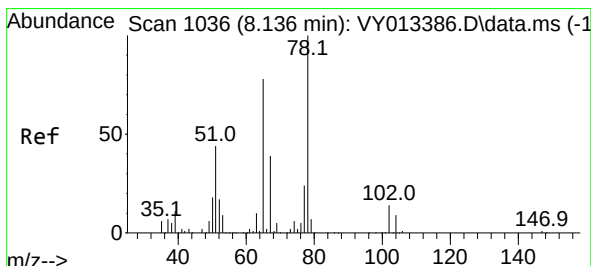
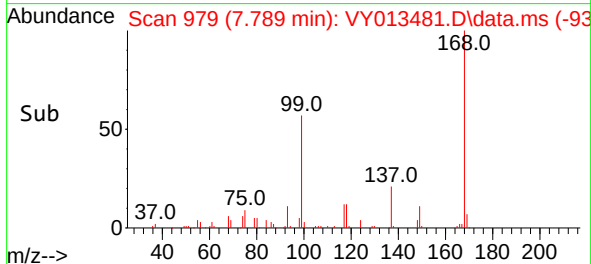
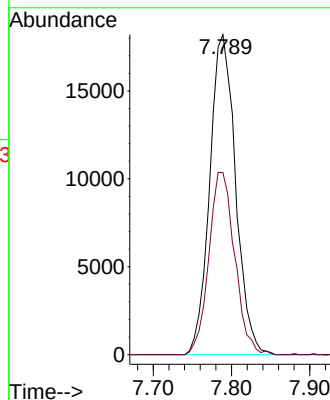
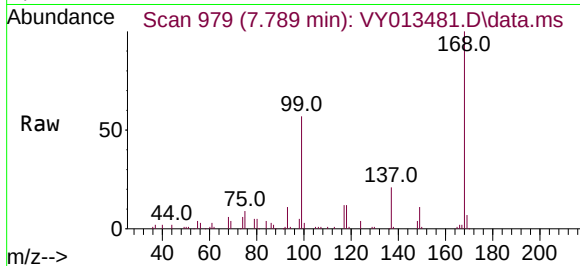




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013481.D
Acq: 26 Apr 2023 18:13

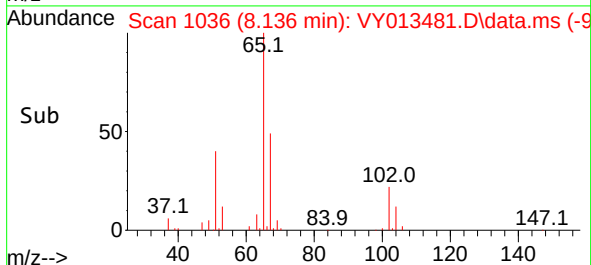
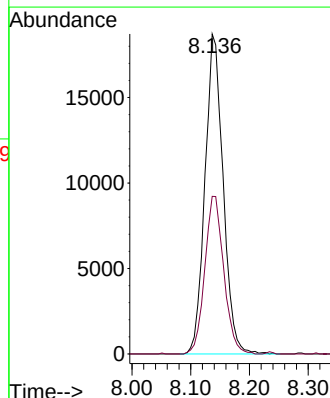
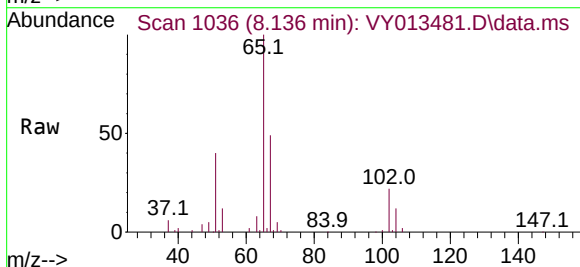
Instrument :
MSVOA_Y
ClientSampleId :
S2S-TP3

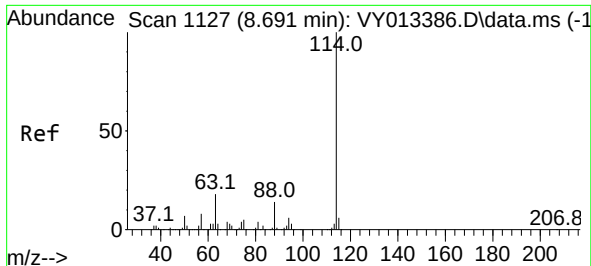
Tgt Ion:168 Resp: 41789
Ion Ratio Lower Upper
168 100
99 56.9 41.8 62.6



#33
1,2-Dichloroethane-d4
Concen: 87.782 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY013481.D
Acq: 26 Apr 2023 18:13

Tgt Ion: 65 Resp: 40213
Ion Ratio Lower Upper
65 100
67 51.5 0.0 103.4





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP3

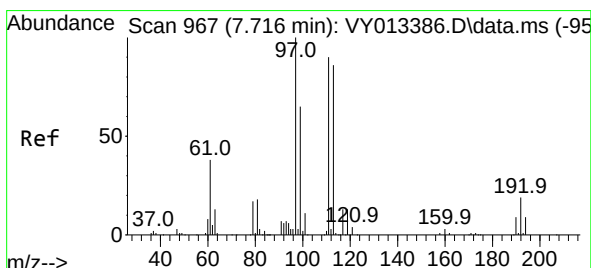
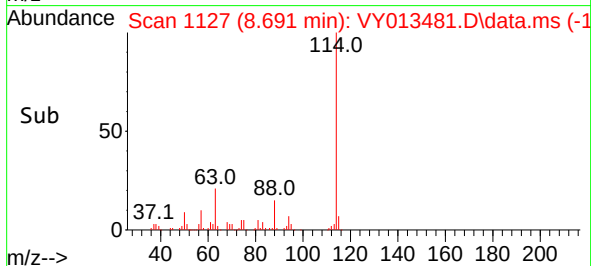
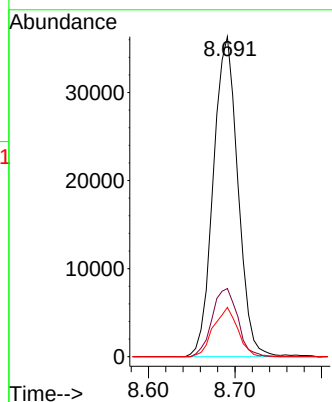
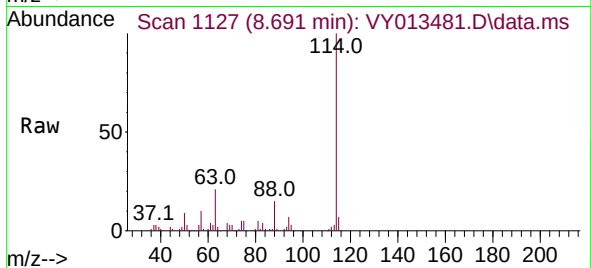
Tgt Ion:114 Resp: 71646

Ion Ratio Lower Upper

114 100

63 21.3 0.0 36.6

88 15.4 0.0 28.8



#35

Dibromofluoromethane

Concen: 67.336 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

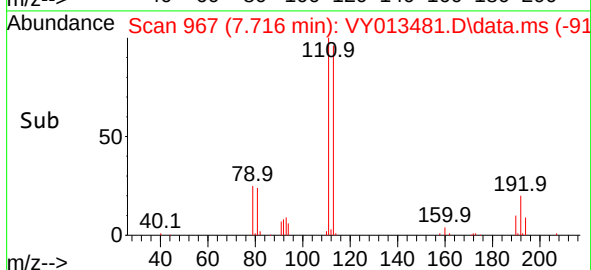
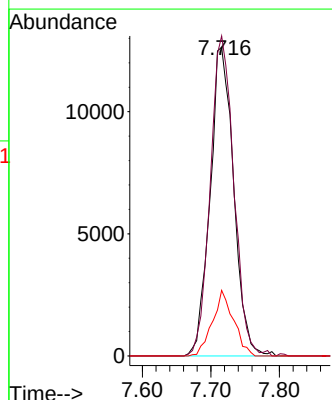
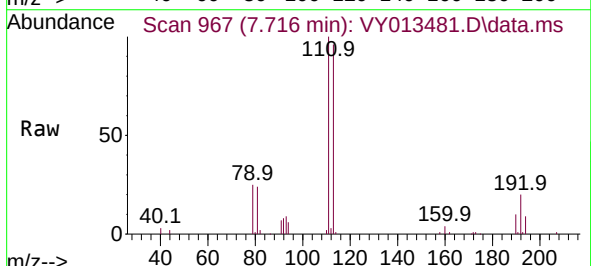
Tgt Ion:113 Resp: 30343

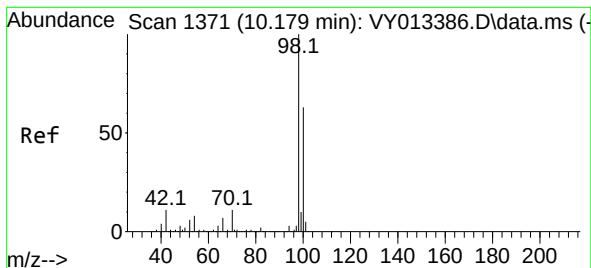
Ion Ratio Lower Upper

113 100

111 103.0 82.2 123.2

192 19.0 16.7 25.1





#50

Toluene-d8

Concen: 56.714 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

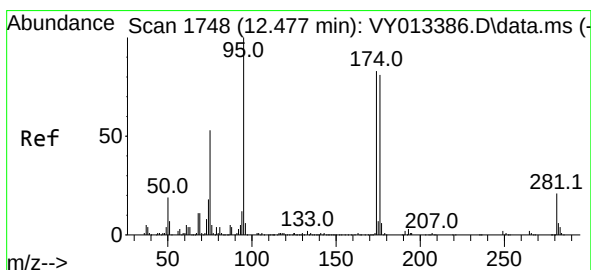
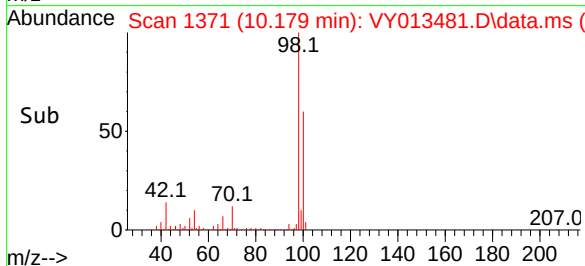
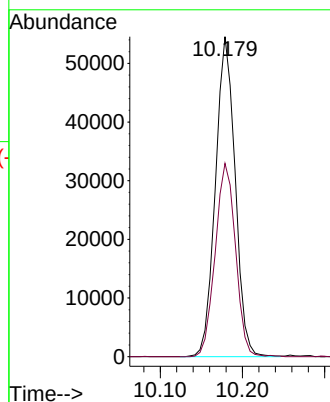
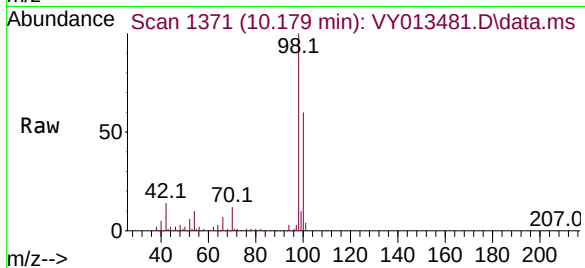
S2S-TP3

Tgt Ion: 98 Resp: 90915

Ion Ratio Lower Upper

98 100

100 62.2 50.5 75.7



#62

4-Bromofluorobenzene

Concen: 57.101 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.006 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

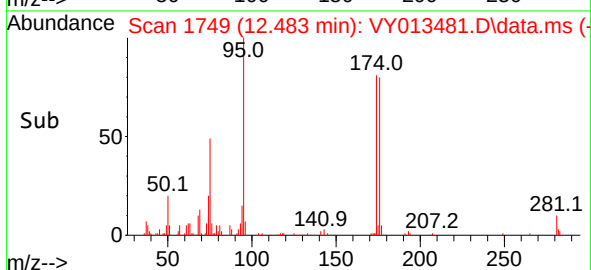
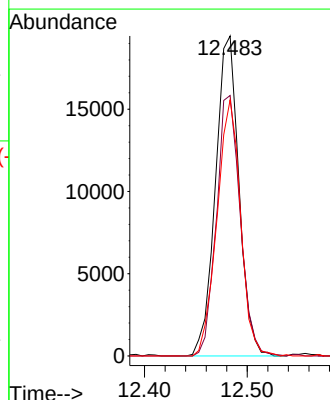
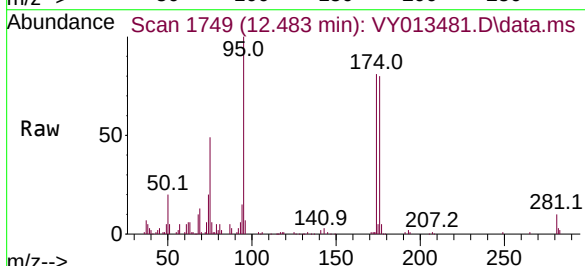
Tgt Ion: 95 Resp: 30859

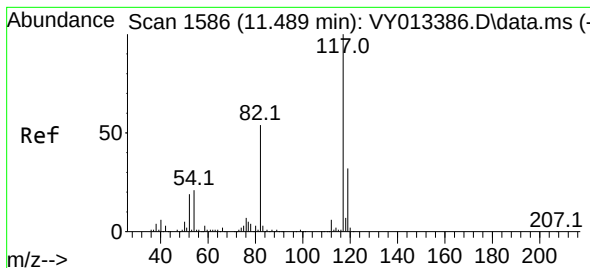
Ion Ratio Lower Upper

95 100

174 82.2 0.0 182.0

176 80.3 0.0 175.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

Instrument :

MSVOA_Y

ClientSampleId :

S2S-TP3

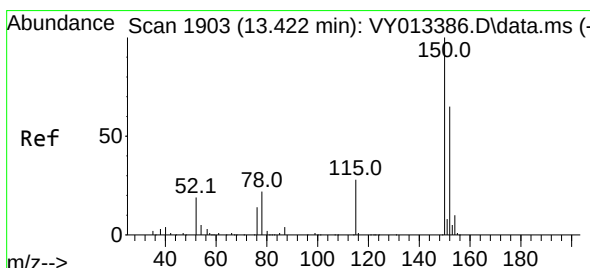
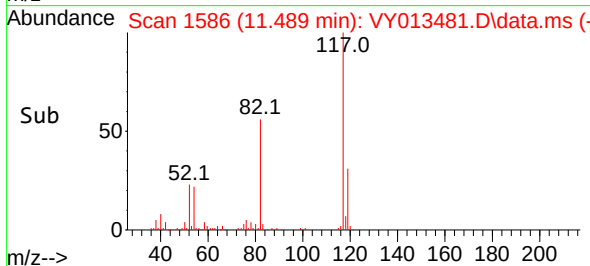
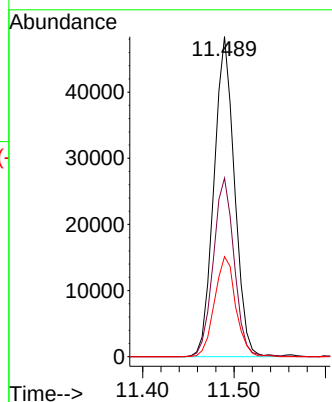
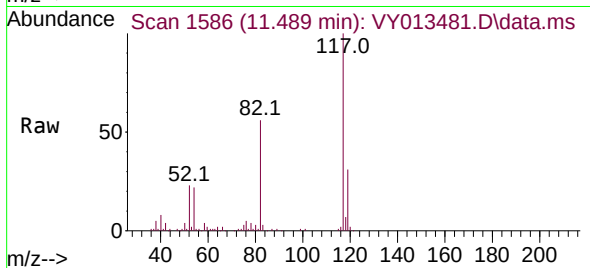
Tgt Ion:117 Resp: 75571

Ion Ratio Lower Upper

117 100

82 55.8 43.0 64.6

119 31.3 25.5 38.3



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY013481.D

Acq: 26 Apr 2023 18:13

Tgt Ion:152 Resp: 33075

Ion Ratio Lower Upper

152 100

115 59.9 28.1 84.2

150 162.7 0.0 352.0

