

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032023\
 Data File : VY013013.D
 Acq On : 20 Mar 2023 17:14
 Operator : KP/MD
 Sample : 01998-05RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 10TH-ST-SUBSTATION-TP1RE

Quant Time: Mar 21 01:15:00 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030223S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 03 01:13:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	2108	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	3442	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	3197	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	1038	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	2007	95.892	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	191.780%#
35) Dibromofluoromethane	7.722	113	1498	72.115	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	144.220%
50) Toluene-d8	10.179	98	4094	53.911	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	107.820%
62) 4-Bromofluorobenzene	12.483	95	1074	41.901	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	83.800%

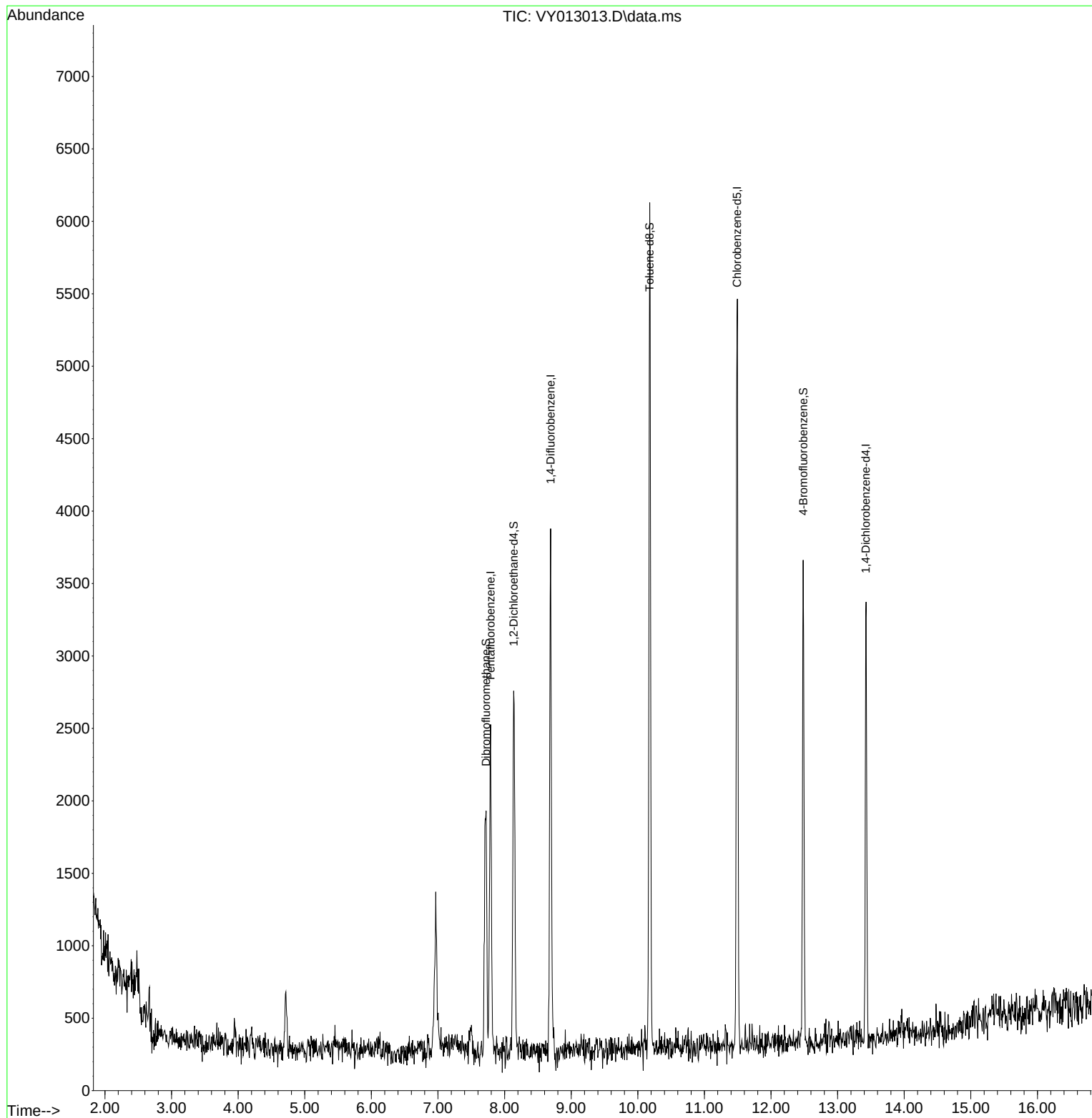
Target Compounds	Qvalue

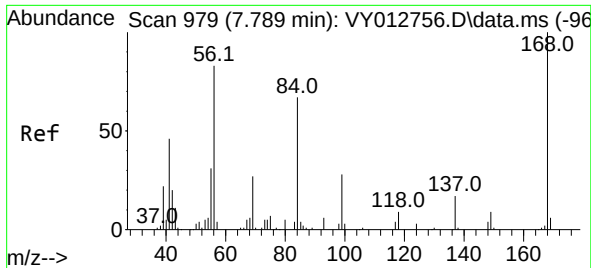
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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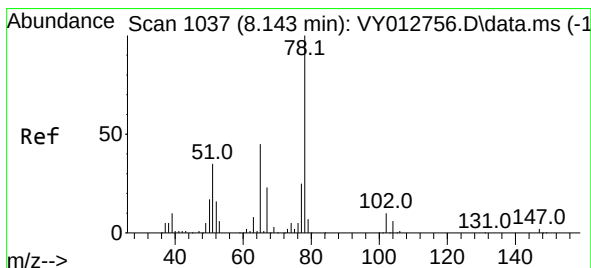
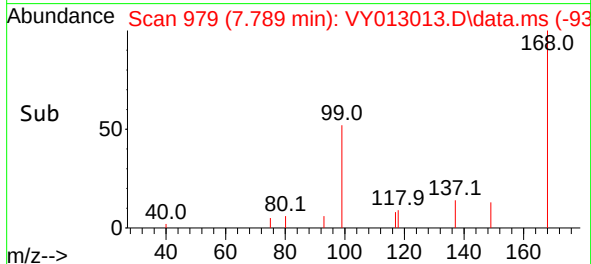
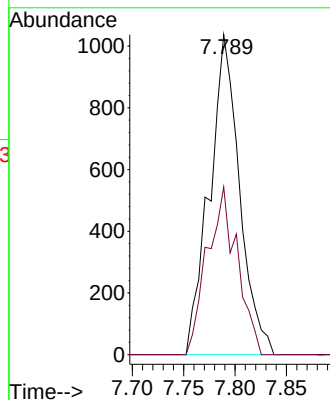
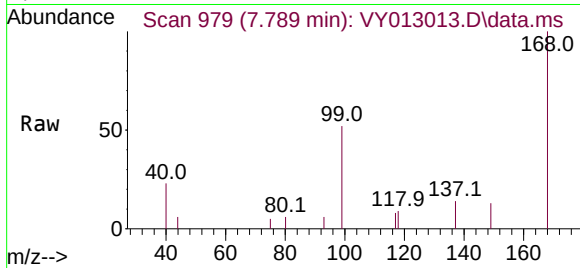




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY013013.D
Acq: 20 Mar 2023 17:14

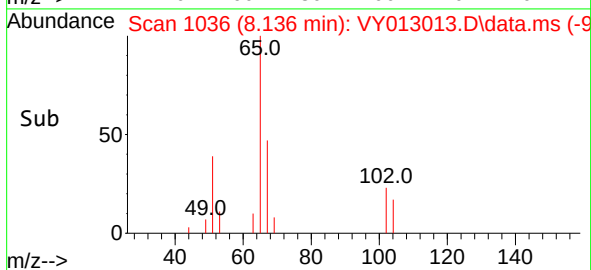
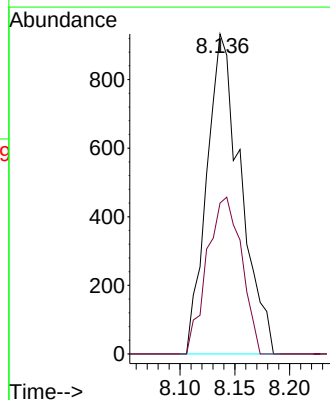
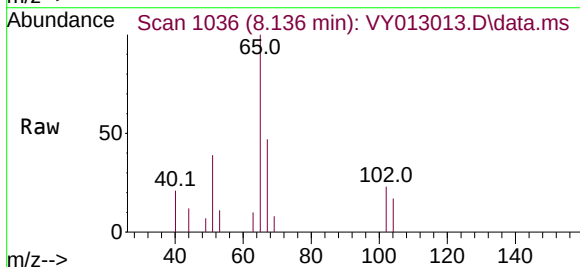
Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP1RE

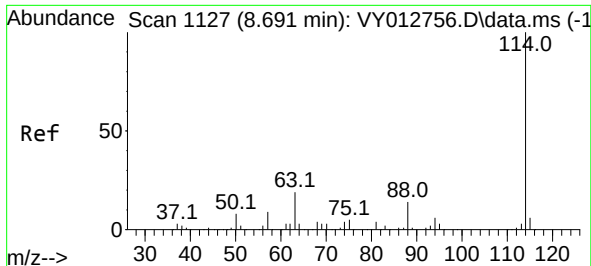
Tgt Ion:168 Resp: 2108
Ion Ratio Lower Upper
168 100
99 52.5 41.7 62.5



#33
1,2-Dichloroethane-d4
Concen: 95.892 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY013013.D
Acq: 20 Mar 2023 17:14

Tgt Ion: 65 Resp: 2007
Ion Ratio Lower Upper
65 100
67 49.9 0.0 104.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY013013.D

Acq: 20 Mar 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

10TH-ST-SUBSTATION-TP1RE

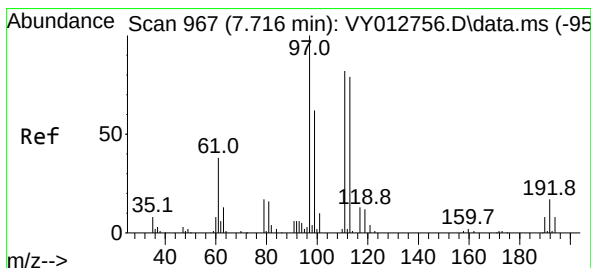
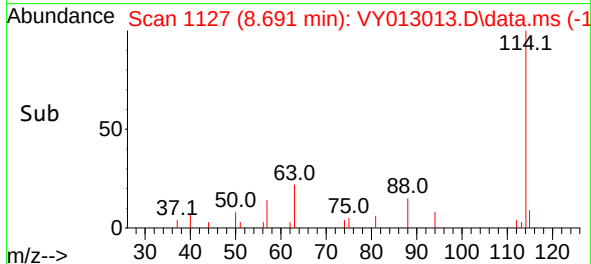
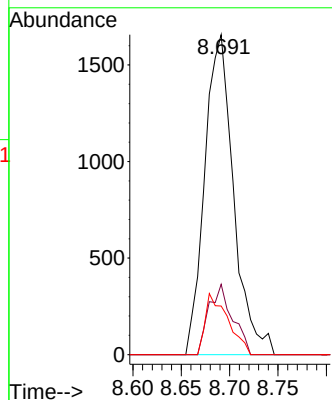
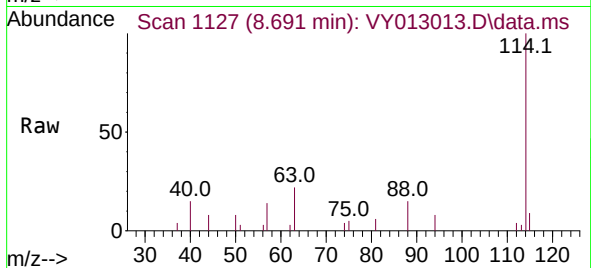
Tgt Ion:114 Resp: 3442

Ion Ratio Lower Upper

114 100

63 22.0 0.0 37.4

88 15.2 0.0 28.6



#35

Dibromofluoromethane

Concen: 72.115 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013013.D

Acq: 20 Mar 2023 17:14

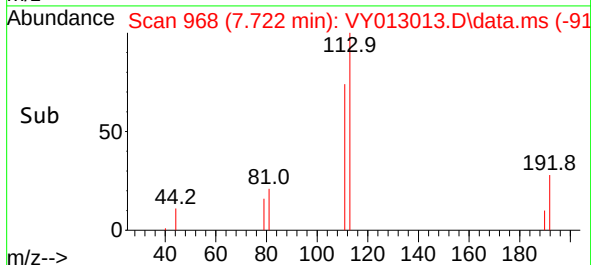
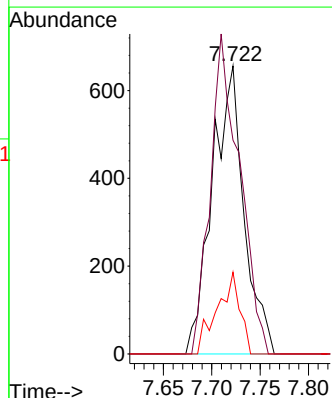
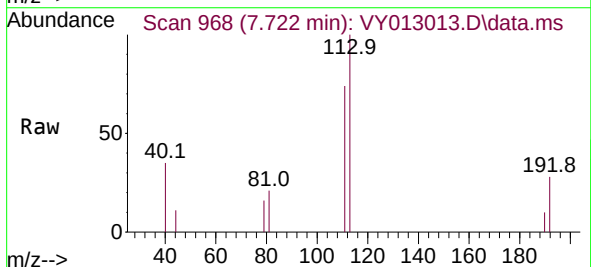
Tgt Ion:113 Resp: 1498

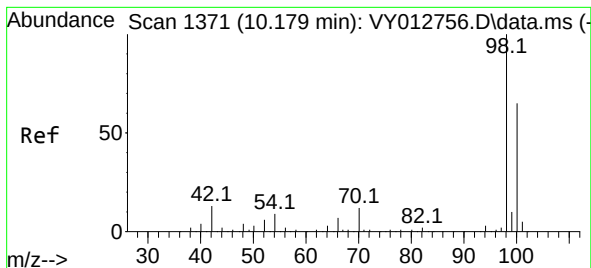
Ion Ratio Lower Upper

113 100

111 102.6 82.2 123.2

192 20.3 16.8 25.2





#50

Toluene-d8

Concen: 53.911 ug/l

RT: 10.179 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY013013.D

Acq: 20 Mar 2023 17:14

Instrument :

MSVOA_Y

ClientSampleId :

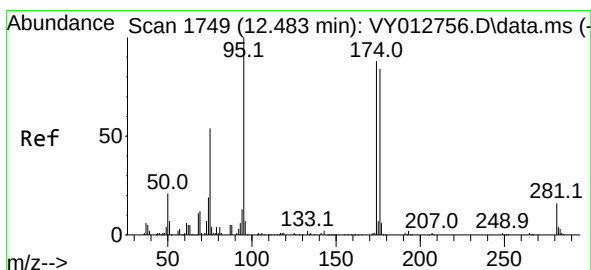
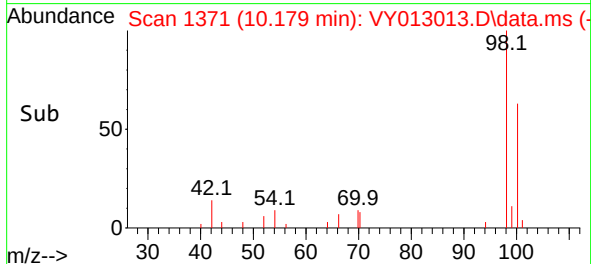
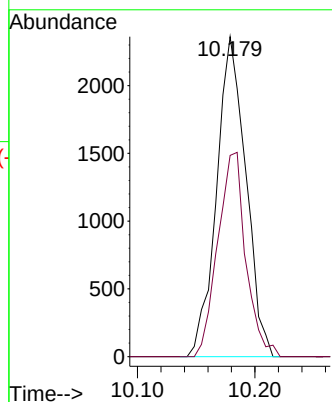
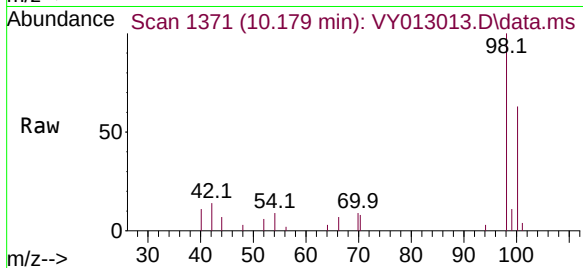
10TH-ST-SUBSTATION-TP1RE

Tgt Ion: 98 Resp: 4094

Ion Ratio Lower Upper

98 100

100 61.1 50.9 76.3



#62

4-Bromofluorobenzene

Concen: 41.901 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. 0.000 min

Lab File: VY013013.D

Acq: 20 Mar 2023 17:14

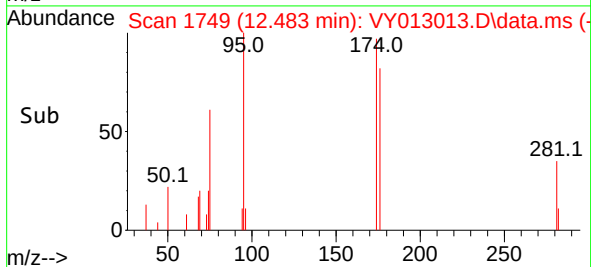
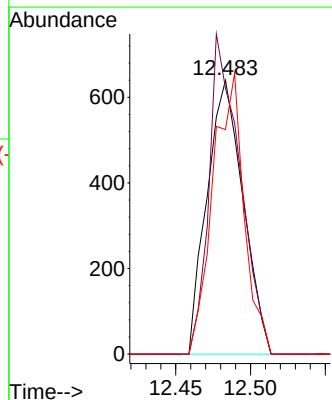
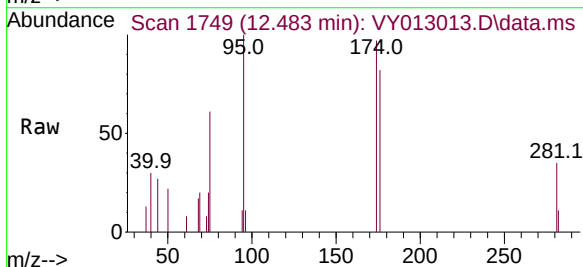
Tgt Ion: 95 Resp: 1074

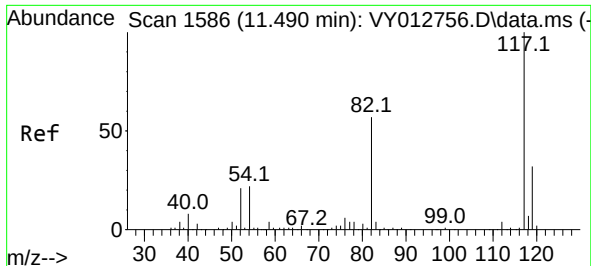
Ion Ratio Lower Upper

95 100

174 100.5 0.0 176.6

176 88.3 0.0 170.2

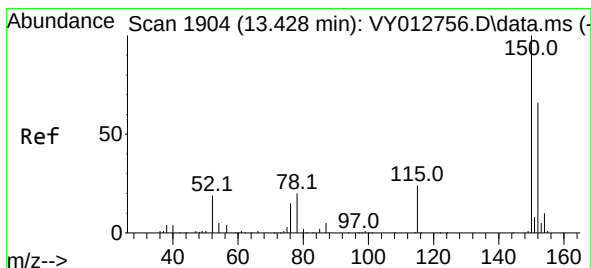
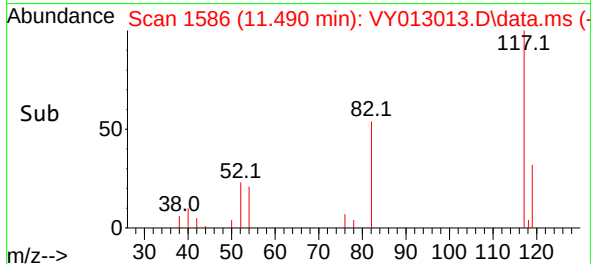
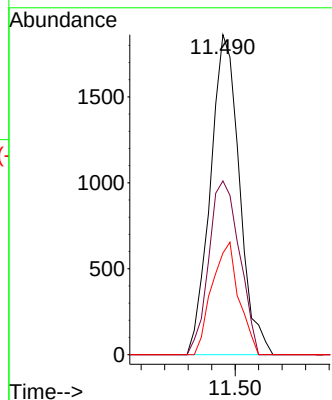
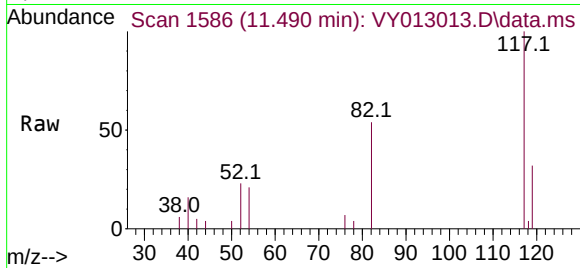




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. -0.000 min
Lab File: VY013013.D
Acq: 20 Mar 2023 17:14

Instrument :
MSVOA_Y
ClientSampleId :
10TH-ST-SUBSTATION-TP1RE

Tgt Ion:	117	Resp:	3197
Ion	Ratio	Lower	Upper
117	100		
82	54.3	45.4	68.0
119	31.7	25.6	38.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.422 min Scan# 1903
Delta R.T. -0.006 min
Lab File: VY013013.D
Acq: 20 Mar 2023 17:14

Tgt Ion:	152	Resp:	1038
Ion	Ratio	Lower	Upper
152	100		
115	48.9	27.1	81.3
150	147.5	0.0	347.8

