

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032123\
 Data File : VY013035.D
 Acq On : 21 Mar 2023 18:19
 Operator : KP/MD
 Sample : 02019-02
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ETGI-352

Quant Time: Mar 22 04:23:41 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	7.783	168	654	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	1456	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	1232	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	778	119.814	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	239.620%#
35) Dibromofluoromethane	7.722	113	303	34.483	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	68.960%
50) Toluene-d8	10.179	98	1497	46.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	93.200%
62) 4-Bromofluorobenzene	12.483	95	298	27.485	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	54.960%

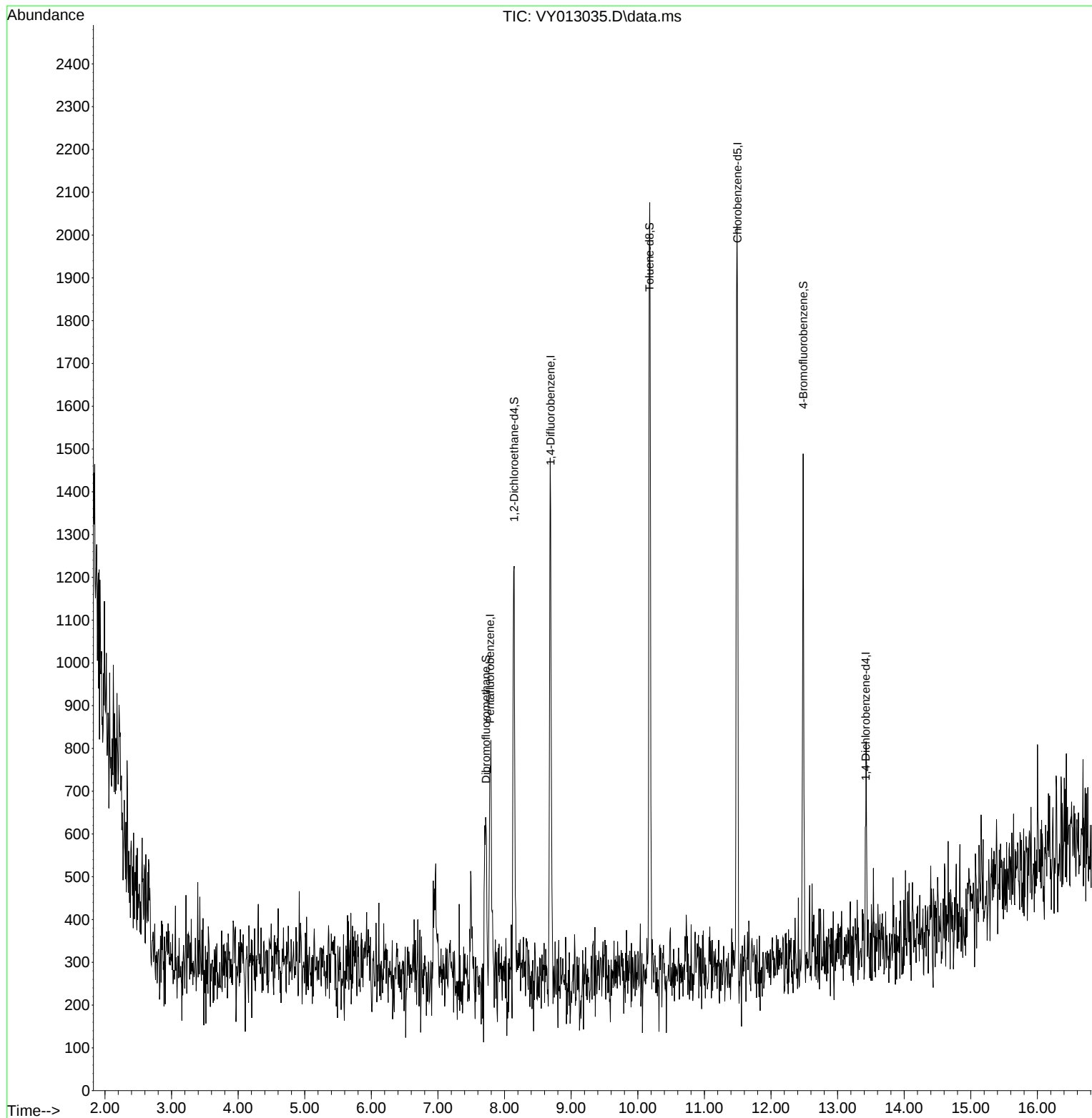
Target Compounds	Qvalue

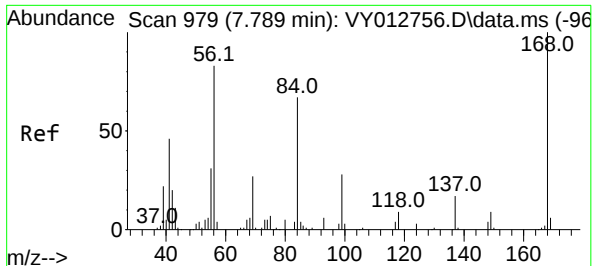
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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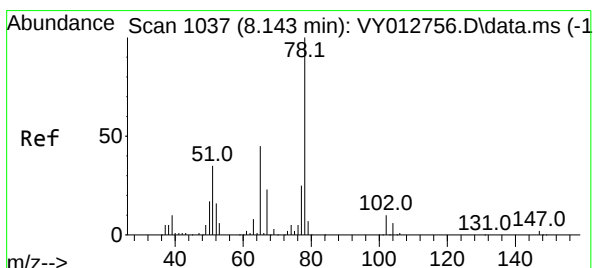
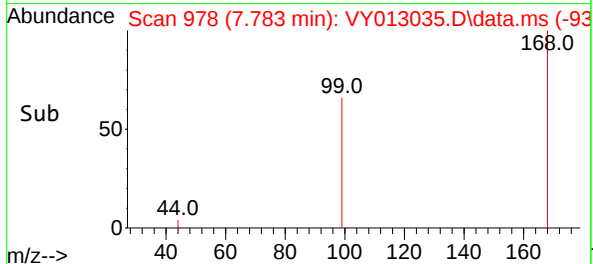
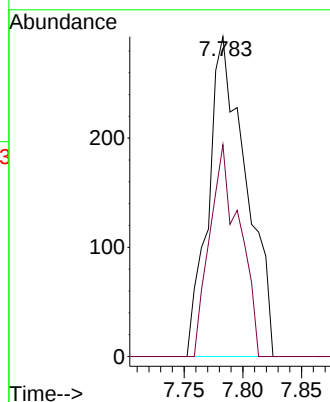
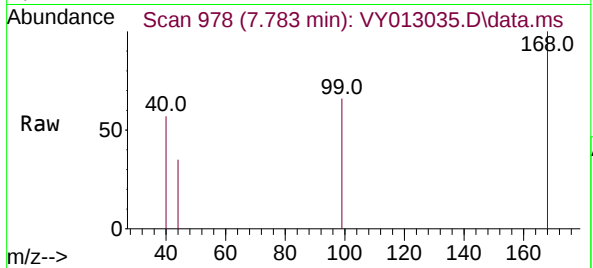




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

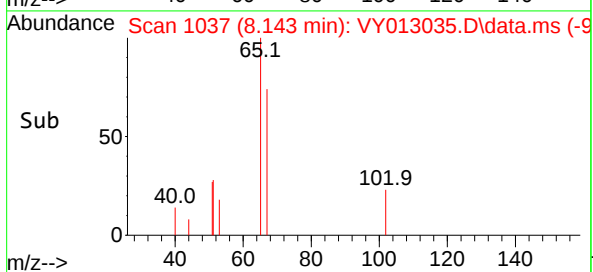
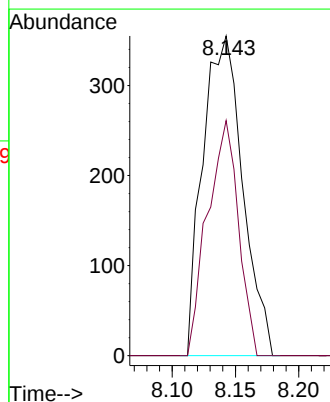
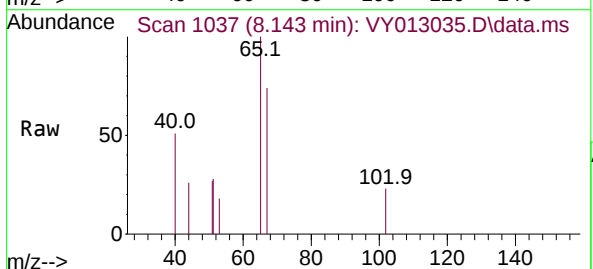
Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

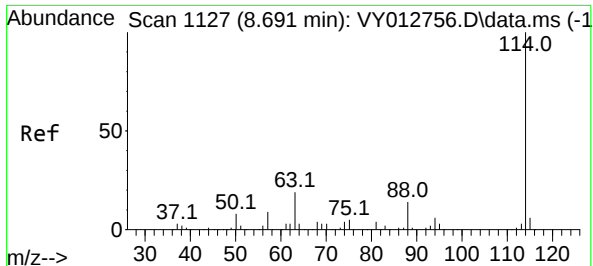
Tgt Ion:168 Resp: 654
Ion Ratio Lower Upper
168 100
99 66.2 41.7 62.5#



#33
1,2-Dichloroethane-d4
Concen: 119.814 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 65 Resp: 778
Ion Ratio Lower Upper
65 100
67 56.9 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: VY013035.D

Acq: 21 Mar 2023 18:19

Instrument :

MSVOA_Y

ClientSampleId :

ETGI-352

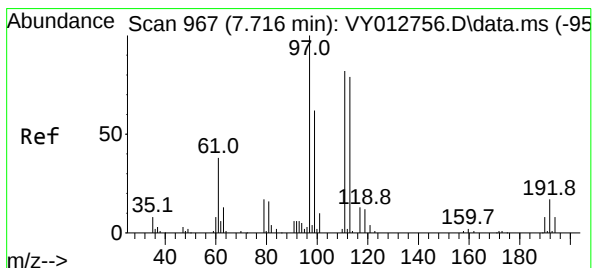
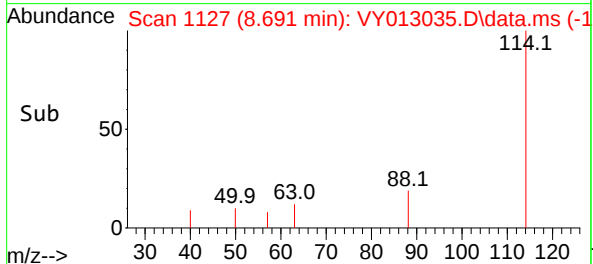
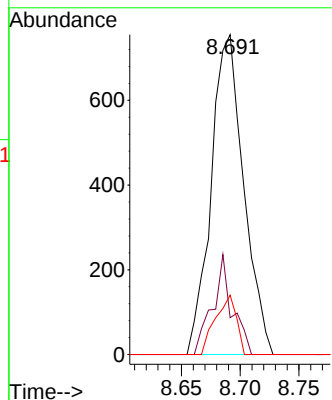
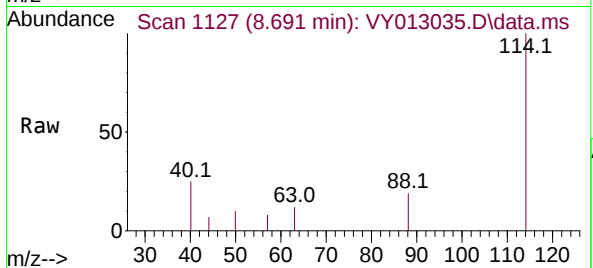
Tgt Ion:114 Resp: 1456

Ion Ratio Lower Upper

114 100

63 11.5 0.0 37.4

88 18.5 0.0 28.6



#35

Dibromofluoromethane

Concen: 34.483 ug/l

RT: 7.722 min Scan# 968

Delta R.T. 0.006 min

Lab File: VY013035.D

Acq: 21 Mar 2023 18:19

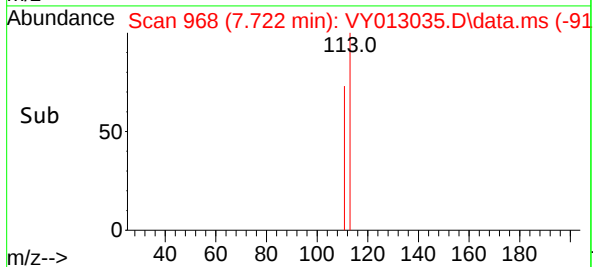
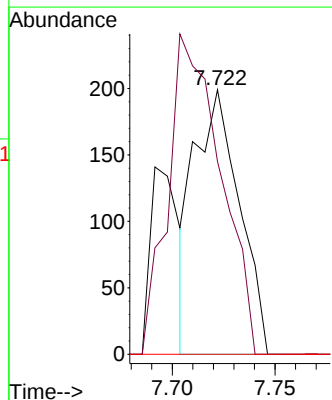
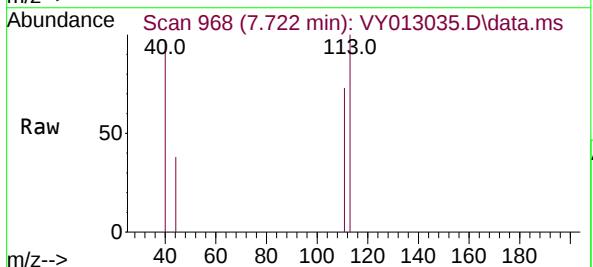
Tgt Ion:113 Resp: 303

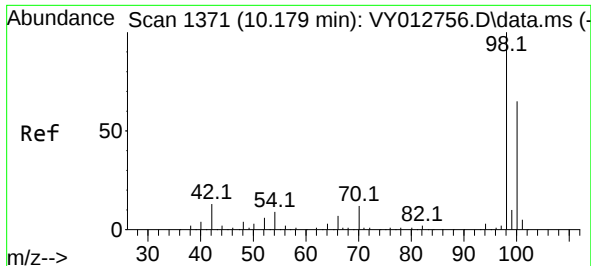
Ion Ratio Lower Upper

113 100

111 0.0 82.2 123.2#

192 0.0 16.8 25.2#

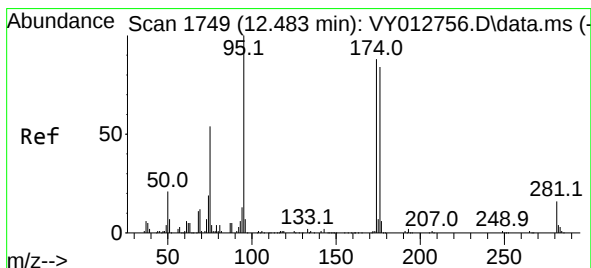
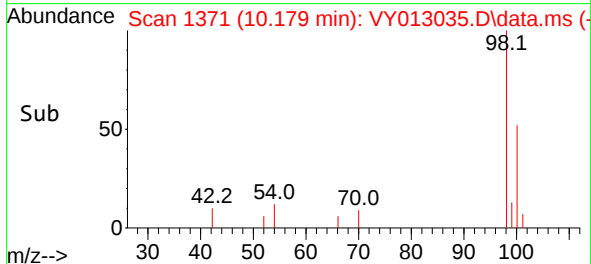
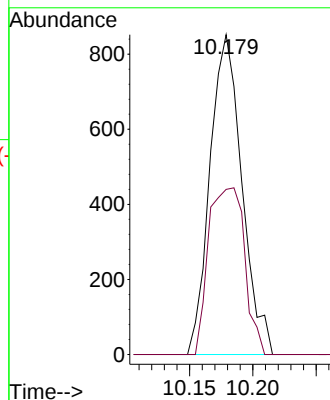
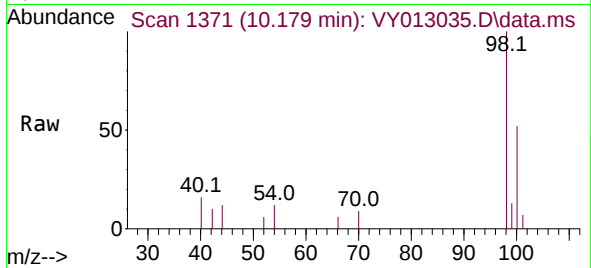




#50
Toluene-d8
Concen: 46.602 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

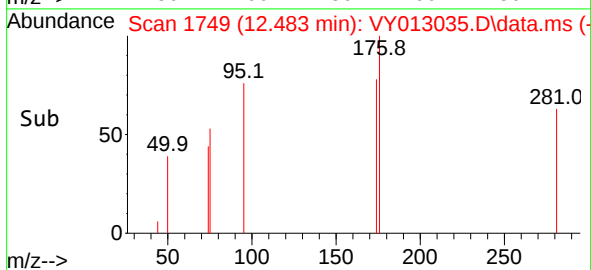
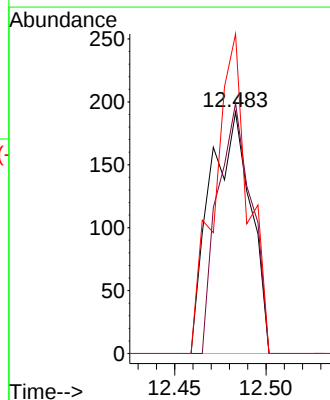
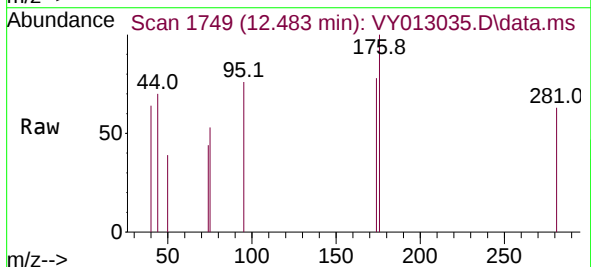
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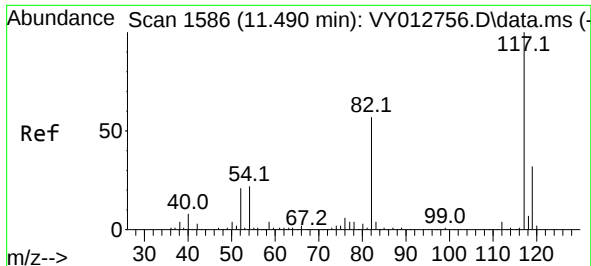
Tgt Ion: 98 Resp: 1497
Ion Ratio Lower Upper
98 100
100 58.6 50.9 76.3



#62
4-Bromofluorobenzene
Concen: 27.485 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Tgt Ion: 95 Resp: 298
Ion Ratio Lower Upper
95 100
174 86.2 0.0 176.6
176 109.1 0.0 170.2

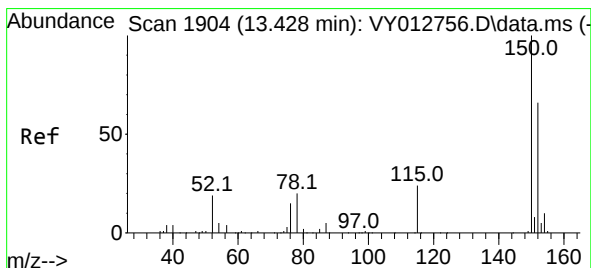
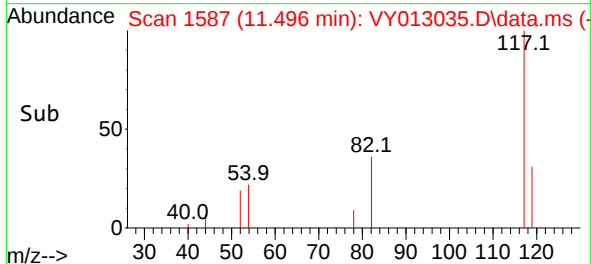
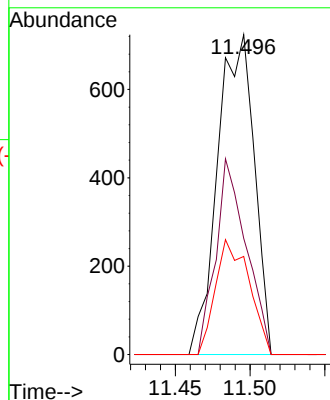
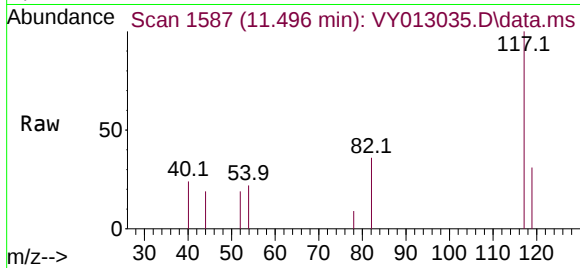




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.006 min
Lab File: VY013035.D
Acq: 21 Mar 2023 18:19

Instrument :
MSVOA_Y
ClientSampleId :
ETGI-352

Tgt Ion:117 Resp: 1232
Ion Ratio Lower Upper
117 100
82 36.3 45.4 68.0#
119 30.7 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: VY013035.D
Acq: 21 Mar 2023 18:19

Tgt Ion:152 Resp: 108
Ion Ratio Lower Upper
152 100
115 43.5 27.1 81.3
150 257.4 0.0 347.8

