

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011123\
 Data File : VY012160.D
 Acq On : 11 Jan 2023 14:01
 Operator : KP/MD
 Sample : 01083-01RE
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-010923RE

Quant Time: Jan 12 05:49:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

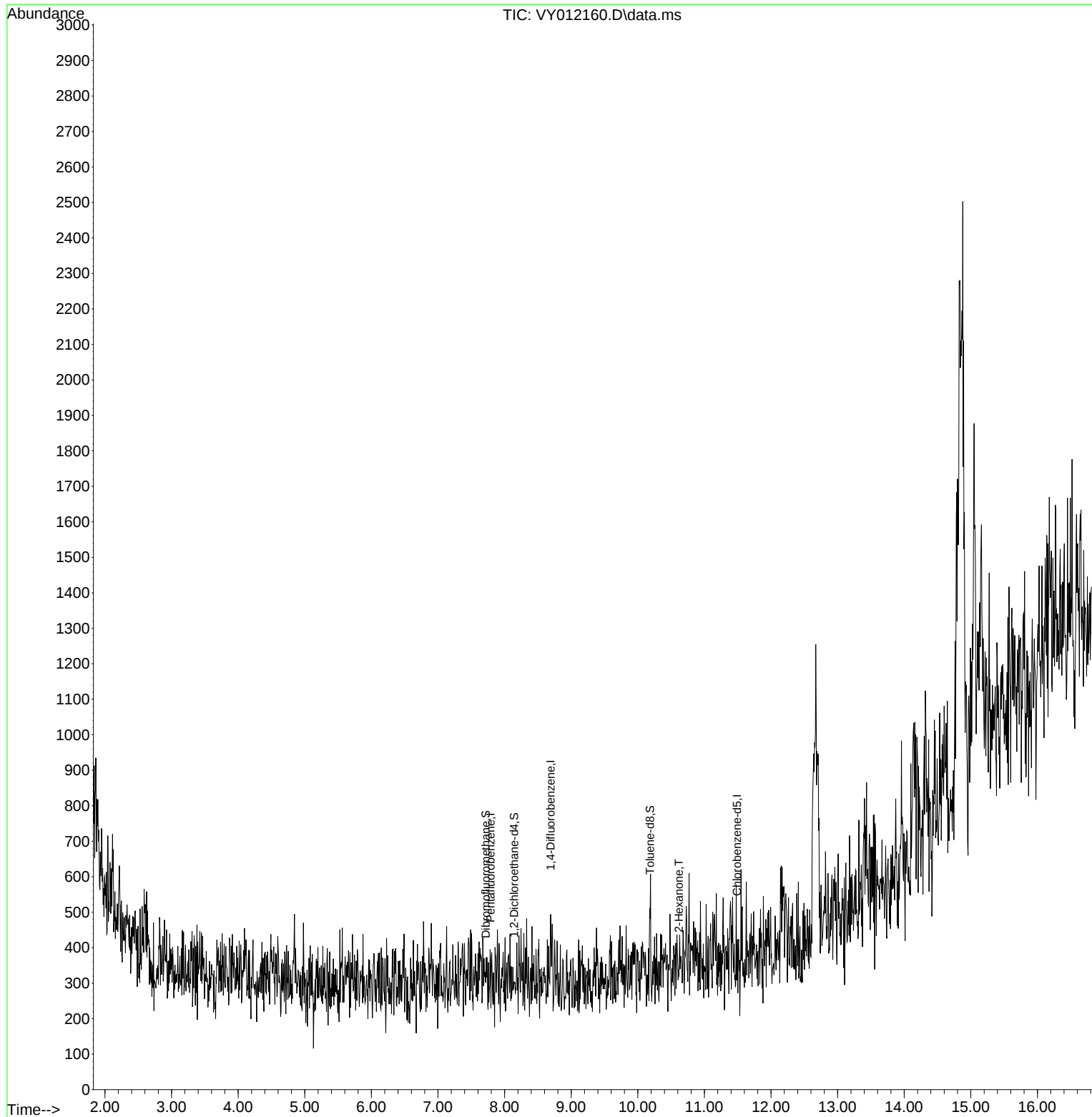
Internal Standards						
1) Pentafluorobenzene	7.789	168	44	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	247	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	24	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.42
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	18	36.407	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	72.820%
35) Dibromofluoromethane	7.716	113	19	11.703	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	23.400%#
50) Toluene-d8	10.185	98	124	19.351	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	38.700%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						
59) 2-Hexanone	10.618	43	20	24.219	ug/l	# 23

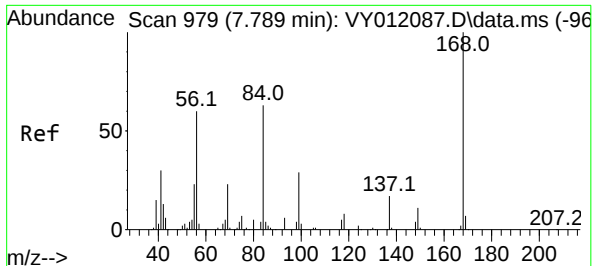
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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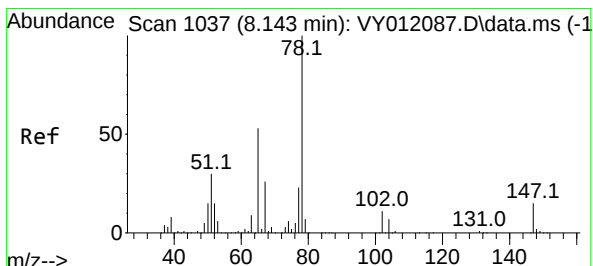
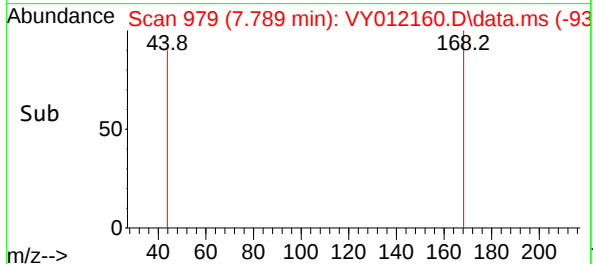
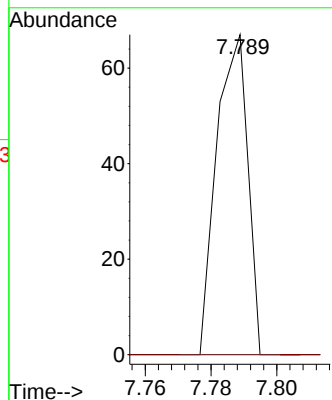
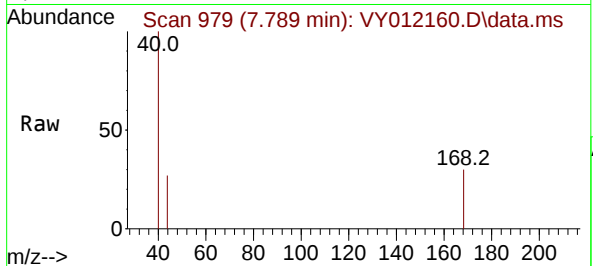




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012160.D
Acq: 11 Jan 2023 14:01

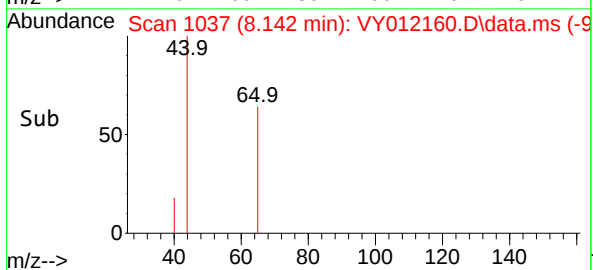
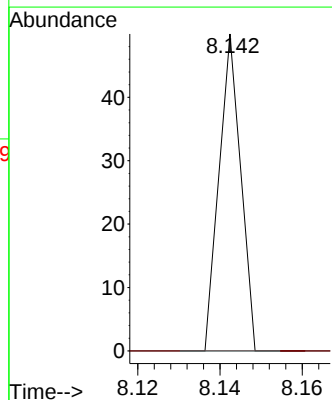
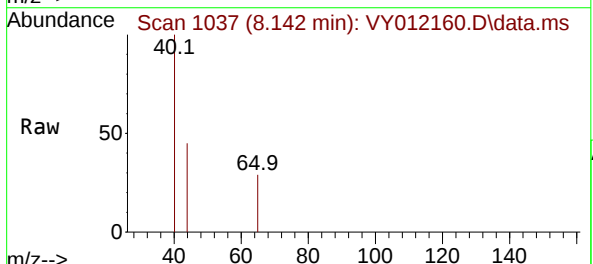
Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923RE

Tgt Ion:168 Resp: 44
Ion Ratio Lower Upper
168 100
99 0.0 44.0 66.0#



#33
1,2-Dichloroethane-d4
Concen: 36.407 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012160.D
Acq: 11 Jan 2023 14:01

Tgt Ion: 65 Resp: 18
Ion Ratio Lower Upper
65 100
67 0.0 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012160.D

Acq: 11 Jan 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

OK-01-010923RE

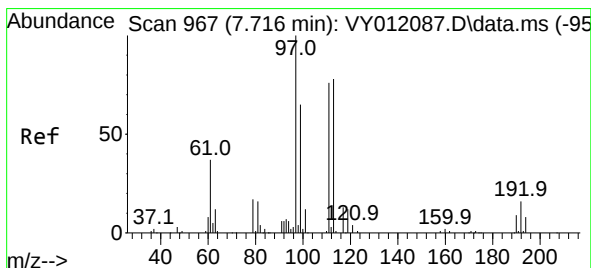
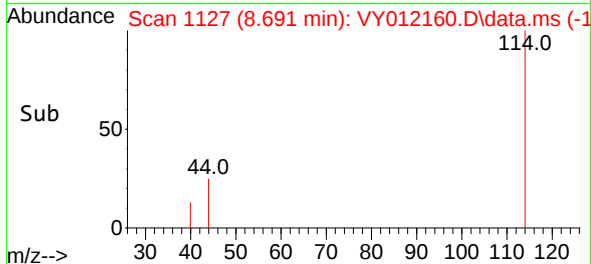
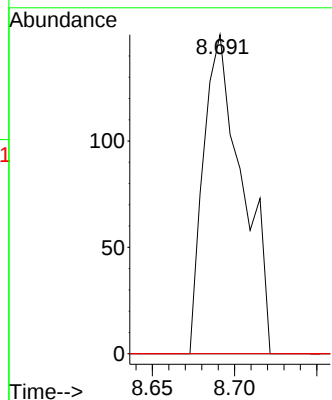
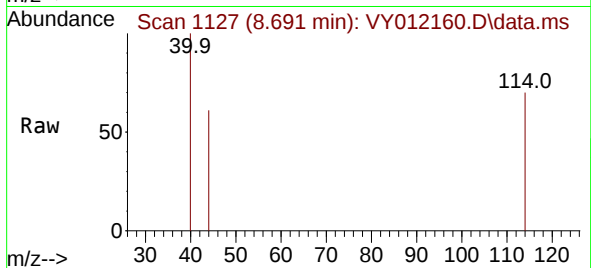
Tgt Ion:114 Resp: 247

Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.6

88 0.0 0.0 32.2



#35

Dibromofluoromethane

Concen: 11.703 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012160.D

Acq: 11 Jan 2023 14:01

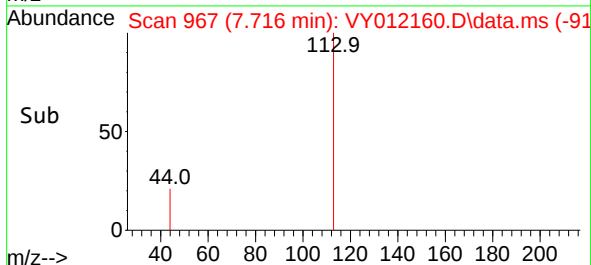
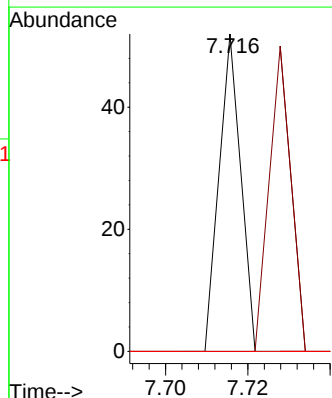
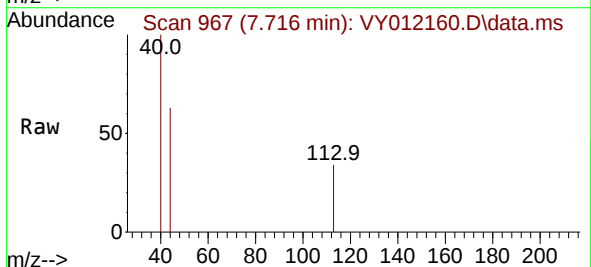
Tgt Ion:113 Resp: 19

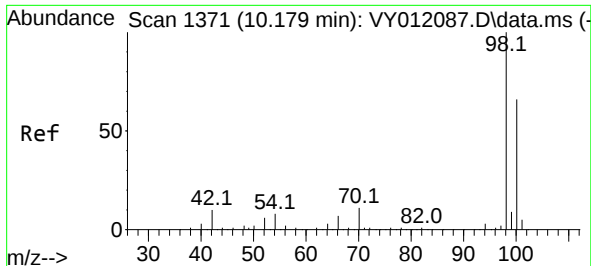
Ion Ratio Lower Upper

113 100

111 94.7 83.0 124.4

192 0.0 16.0 24.0#





#50

Toluene-d8

Concen: 19.351 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY012160.D

Acq: 11 Jan 2023 14:01

Instrument :

MSVOA_Y

ClientSampleId :

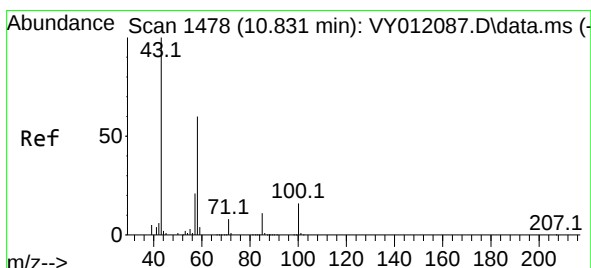
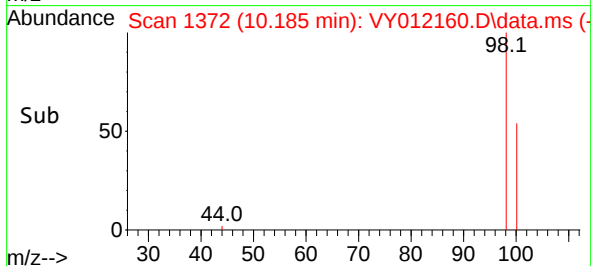
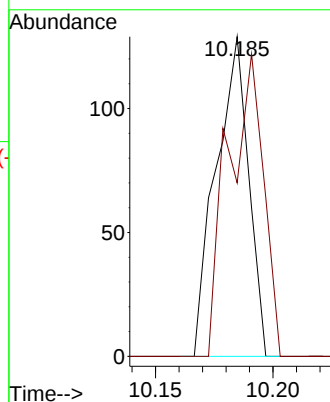
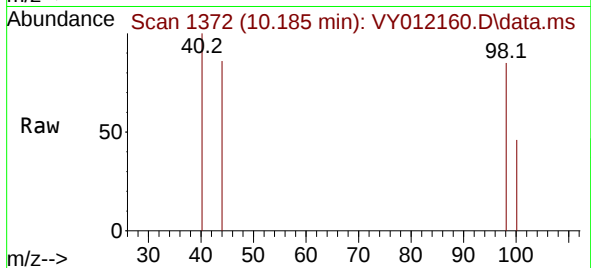
OK-01-010923RE

Tgt Ion: 98 Resp: 124

Ion Ratio Lower Upper

98 100

100 102.4 51.9 77.9#



#59

2-Hexanone

Concen: 24.219 ug/l

RT: 10.618 min Scan# 1443

Delta R.T. -0.213 min

Lab File: VY012160.D

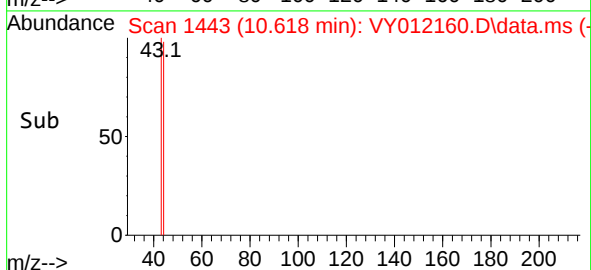
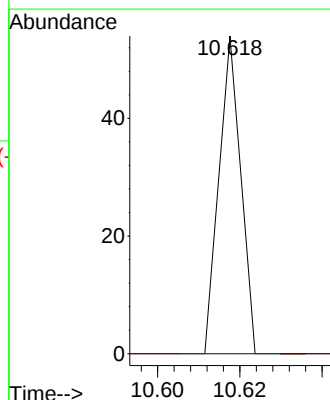
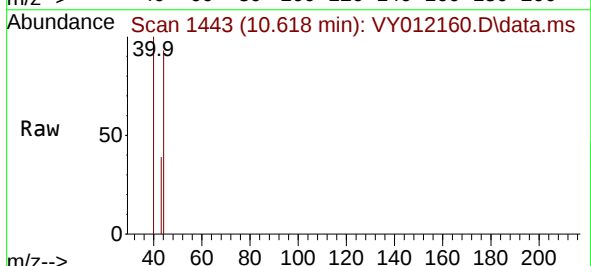
Acq: 11 Jan 2023 14:01

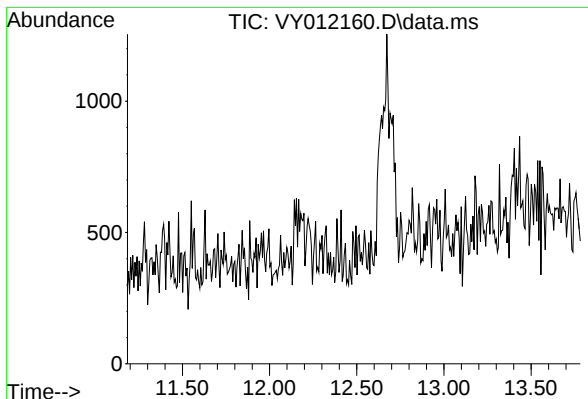
Tgt Ion: 43 Resp: 20

Ion Ratio Lower Upper

43 100

58 0.0 28.4 85.2#



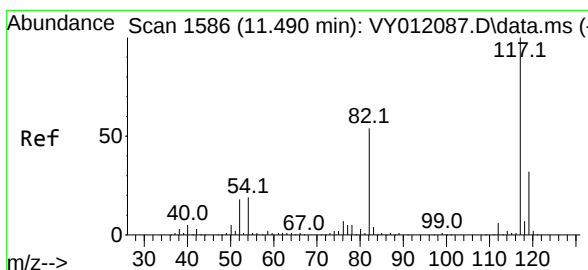
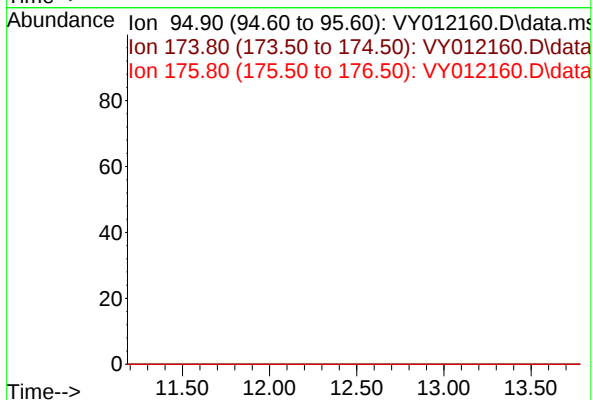


#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY012160.D
 Acq: 11 Jan 2023 14:01

Instrument :
 MSVOA_Y
 ClientSampleId :
 OK-01-010923RE

Tgt Ion: 95

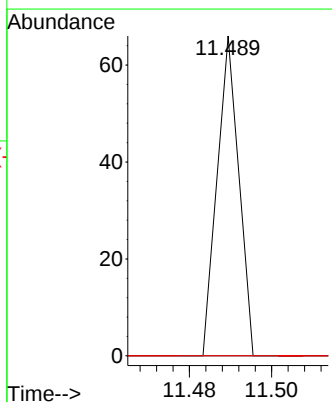
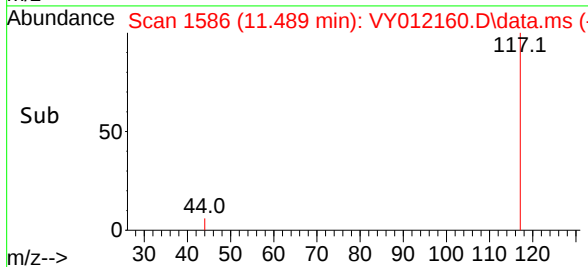
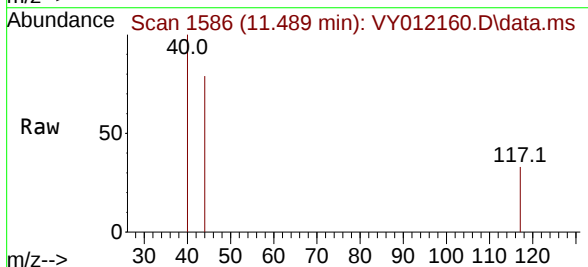
Sig	Exp Ratio
95	100
174	86.0
176	83.8

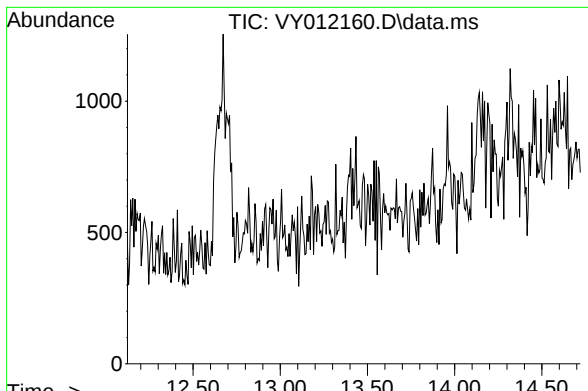


#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.489 min Scan# 1586
 Delta R.T. -0.001 min
 Lab File: VY012160.D
 Acq: 11 Jan 2023 14:01

Tgt Ion: 117 Resp: 24

Ion	Ratio	Lower	Upper
117	100		
82	0.0	44.8	67.2#
119	0.0	25.4	38.2#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.42 min
Lab File: VY012160.D
Acq: 11 Jan 2023 14:01

Instrument :
MSVOA_Y
ClientSampleId :
OK-01-010923RE

Tgt Ion: 152
Sig Exp Ratio
152 100
115 58.2
150 171.3

