

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051022\
 Data File : VY008689.D
 Acq On : 10 May 2022 18:54
 Operator : KP/MD
 Sample : N2762-04
 Misc : 4.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB05

Quant Time: May 11 04:34:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y050922S.M
 Quant Title : SW846 8260
 QLast Update : Mon May 09 19:21:20 2022
 Response via : Initial Calibration

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

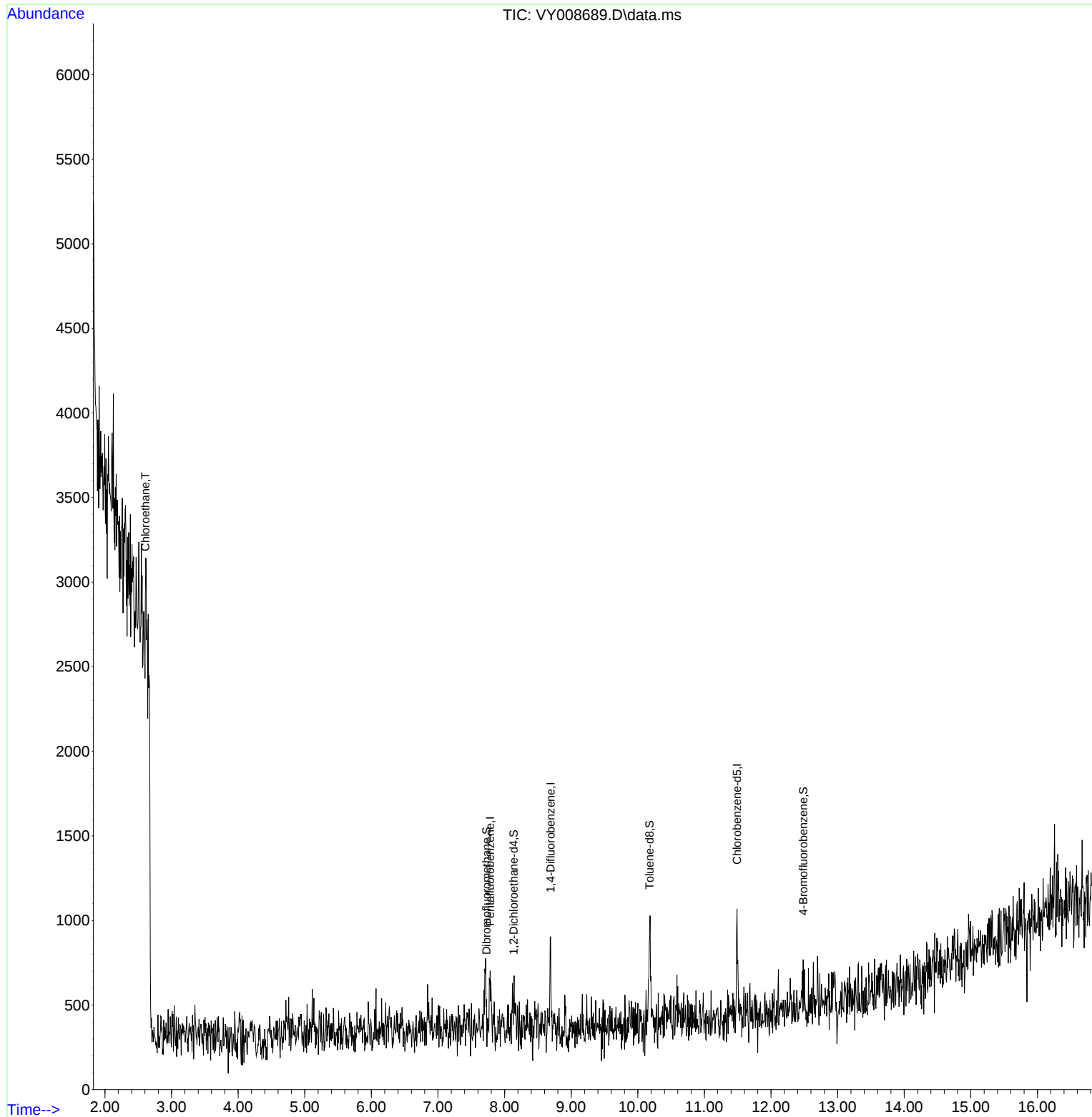
Internal Standards						
1) Pentafluorobenzene	7.782	168	254	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	670	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	420	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	203	93.273	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	186.540%#
35) Dibromofluoromethane	7.728	113	304	73.629	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	147.260%#
50) Toluene-d8	10.178	98	597	41.031	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	82.060%
62) 4-Bromofluorobenzene	12.483	95	67	12.800	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	25.600%
Target Compounds						
						Qvalue
6) Chloroethane	2.607	64	20	14.048	ug/l #	43

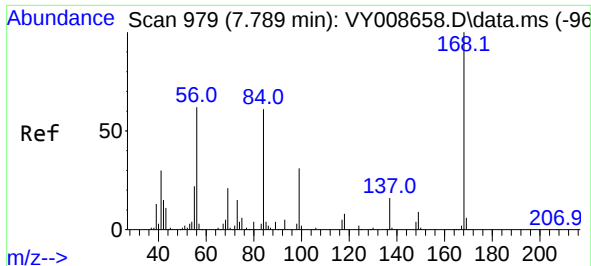
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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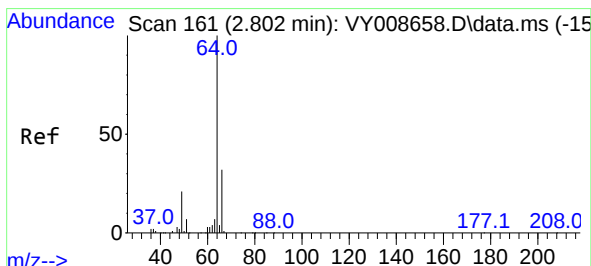
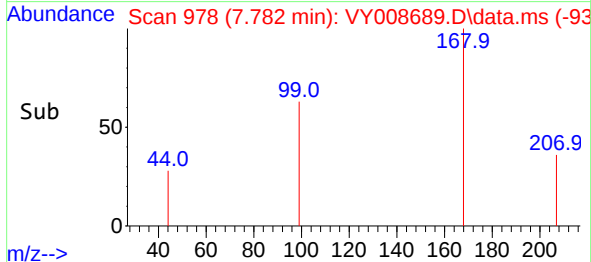
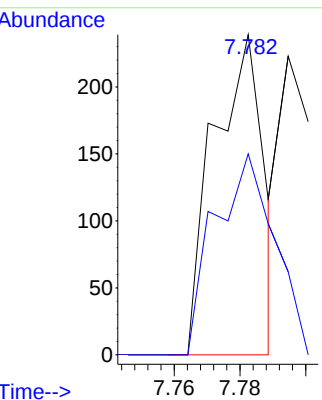
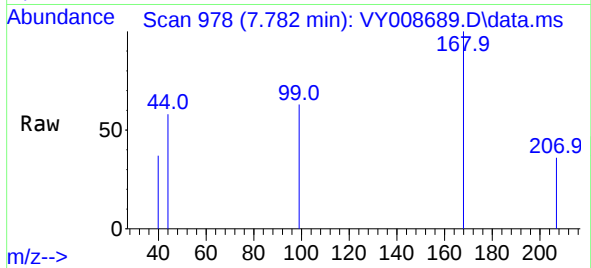




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.782 min Scan# 91
Delta R.T. -0.007 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

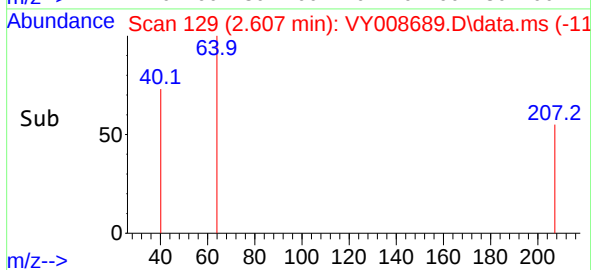
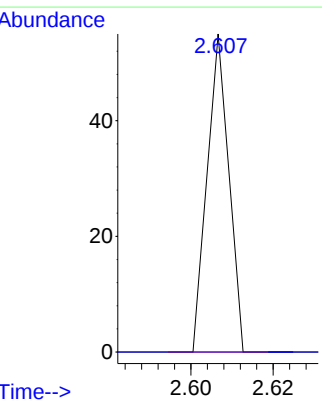
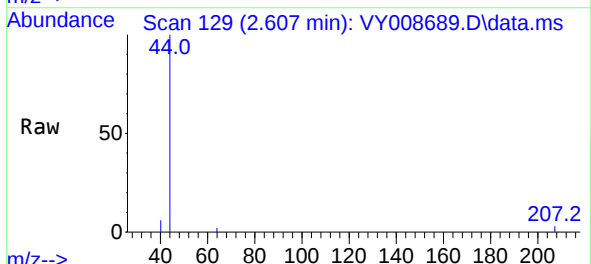
Instrument :
MSVOA_Y
ClientSampleId :
SB05

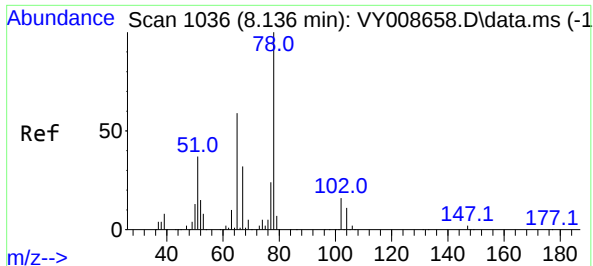
Tgt Ion:168 Resp: 254
Ion Ratio Lower Upper
168 100
99 62.8 46.9 70.3



#6
Chloroethane
Concen: 14.048 ug/l
RT: 2.607 min Scan# 129
Delta R.T. -0.195 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion: 64 Resp: 20
Ion Ratio Lower Upper
64 100
66 0.0 25.4 38.0#





#33

1,2-Dichloroethane-d4

Concen: 93.273 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. 0.000 min

Lab File: VY008689.D

Acq: 10 May 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

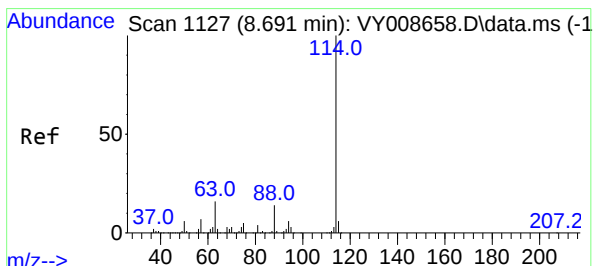
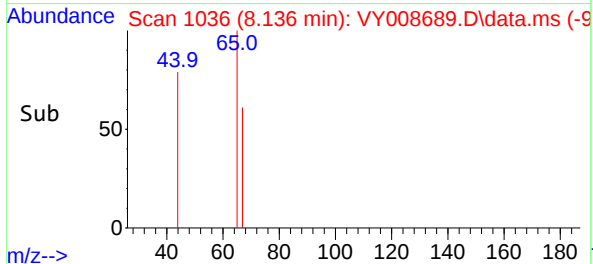
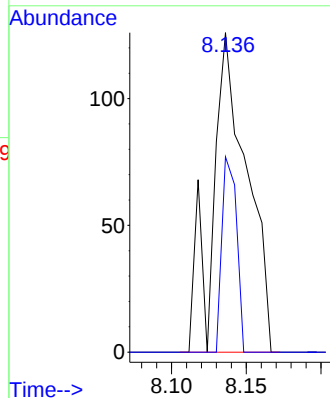
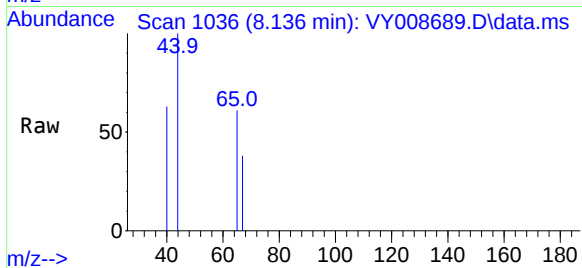
SB05

Tgt Ion: 65 Resp: 203

Ion Ratio Lower Upper

65 100

67 25.6 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: VY008689.D

Acq: 10 May 2022 18:54

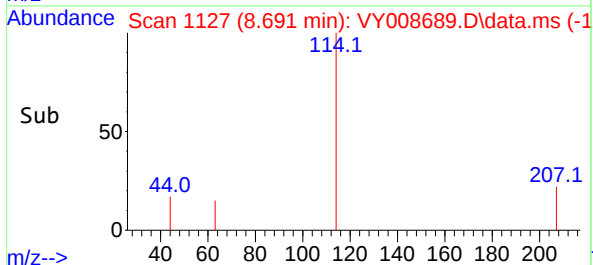
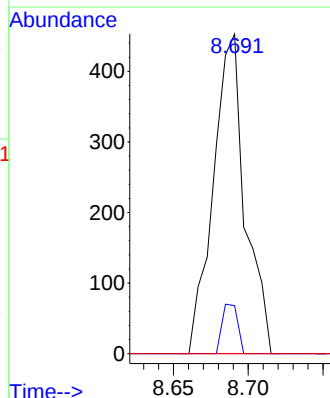
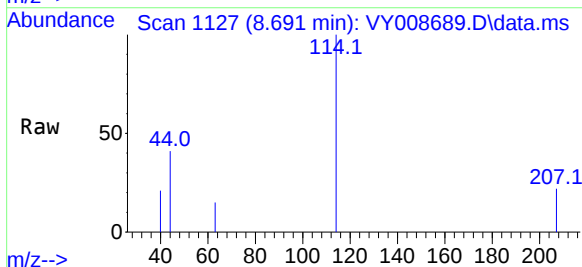
Tgt Ion: 114 Resp: 670

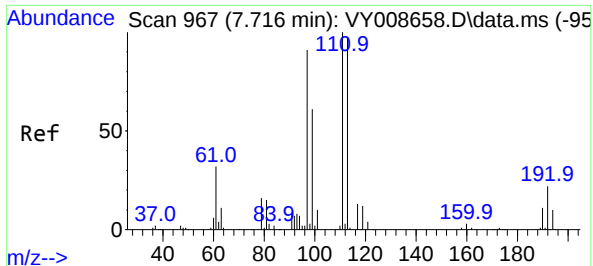
Ion Ratio Lower Upper

114 100

63 15.0 0.0 43.2

88 0.0 0.0 31.8





#35

Dibromofluoromethane

Concen: 73.629 ug/l

RT: 7.728 min Scan# 9

Delta R.T. 0.012 min

Lab File: VY008689.D

Acq: 10 May 2022 18:54

Instrument :

MSVOA_Y

ClientSampleId :

SB05

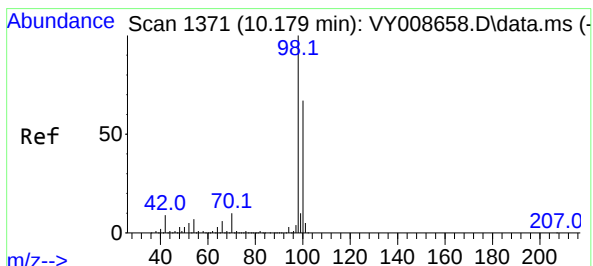
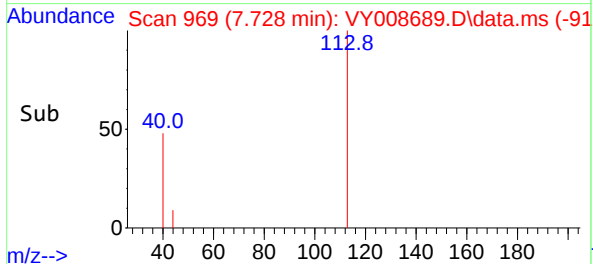
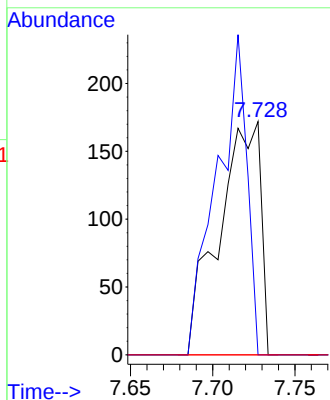
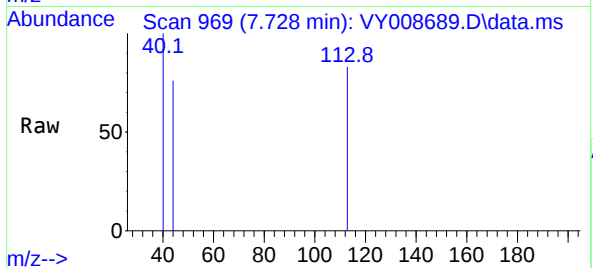
Tgt Ion:113 Resp: 304

Ion Ratio Lower Upper

113 100

111 98.4 82.6 124.0

192 0.0 17.6 26.4#



#50

Toluene-d8

Concen: 41.031 ug/l

RT: 10.178 min Scan# 1371

Delta R.T. -0.001 min

Lab File: VY008689.D

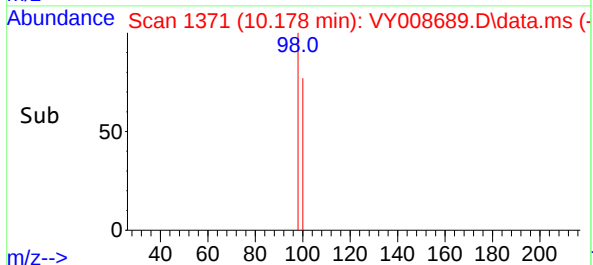
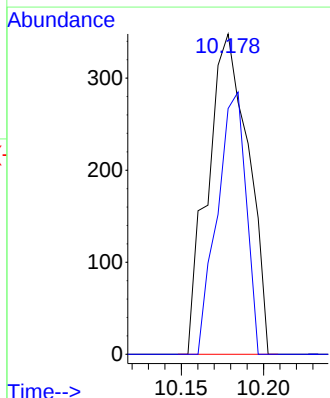
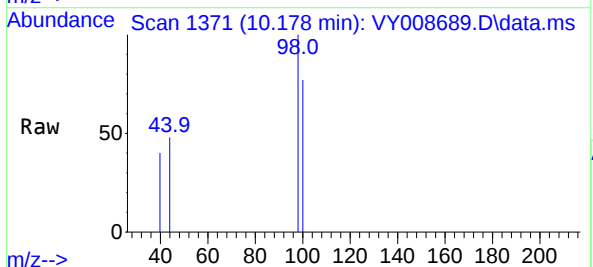
Acq: 10 May 2022 18:54

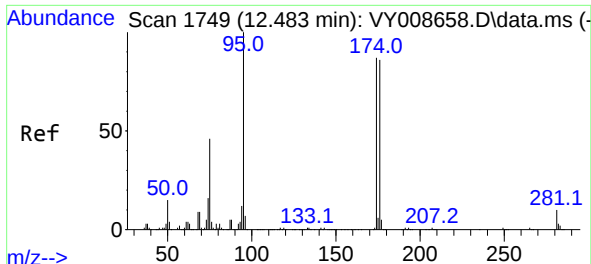
Tgt Ion: 98 Resp: 597

Ion Ratio Lower Upper

98 100

100 58.0 50.2 75.2

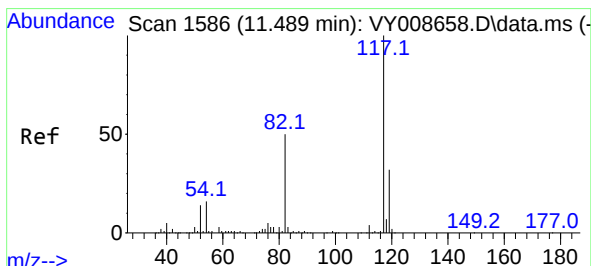
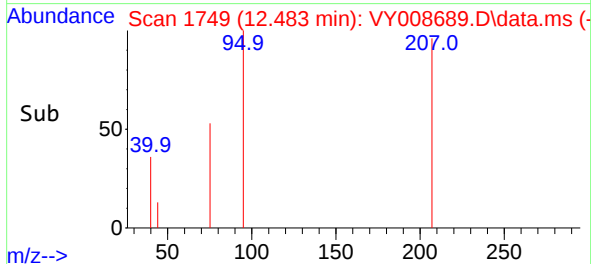
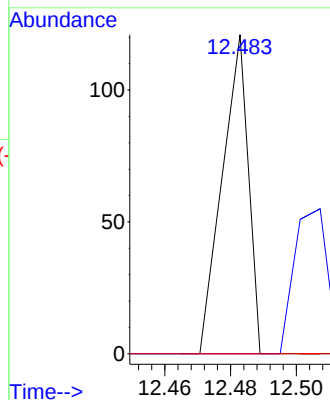
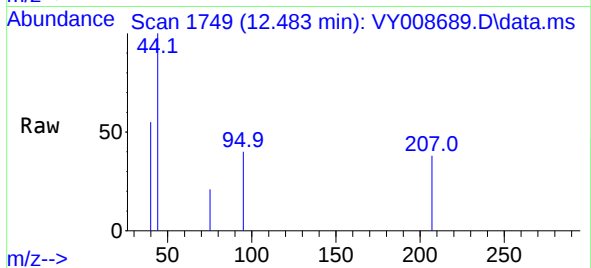




#62
4-Bromofluorobenzene
Concen: 12.800 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

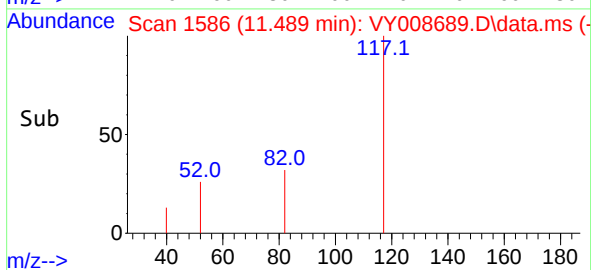
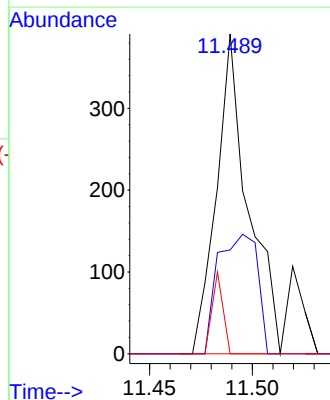
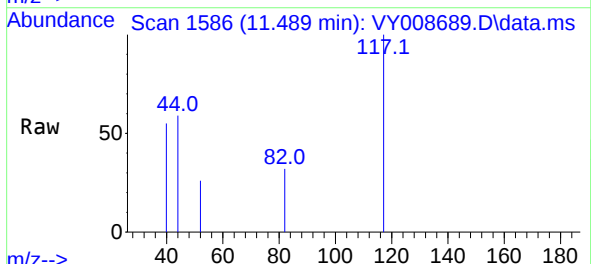
Instrument :
MSVOA_Y
ClientSampleId :
SB05

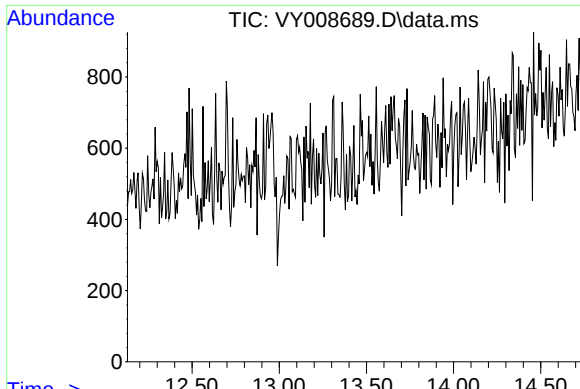
Tgt Ion:	95	Resp:	67
Ion	Ratio	Lower	Upper
95	100		
174	0.0	0.0	177.0
176	0.0	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Tgt Ion:	117	Resp:	420
Ion	Ratio	Lower	Upper
117	100		
82	32.5	43.0	64.4#
119	0.0	25.4	38.0#





#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min
Lab File: VY008689.D
Acq: 10 May 2022 18:54

Instrument :
MSVOA_Y
ClientSampleId :
SB05

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 173.8

