

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032622\
 Data File : VY008049.D
 Acq On : 26 Mar 2022 16:26
 Operator : SY/MD
 Sample : N2095-10
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10-4.0-5.0

Quant Time: Mar 28 09:29:54 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032522S.M
 Quant Title : SW846 8260
 QLast Update : Sat Mar 26 03:24:51 2022
 Response via : Initial Calibration

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

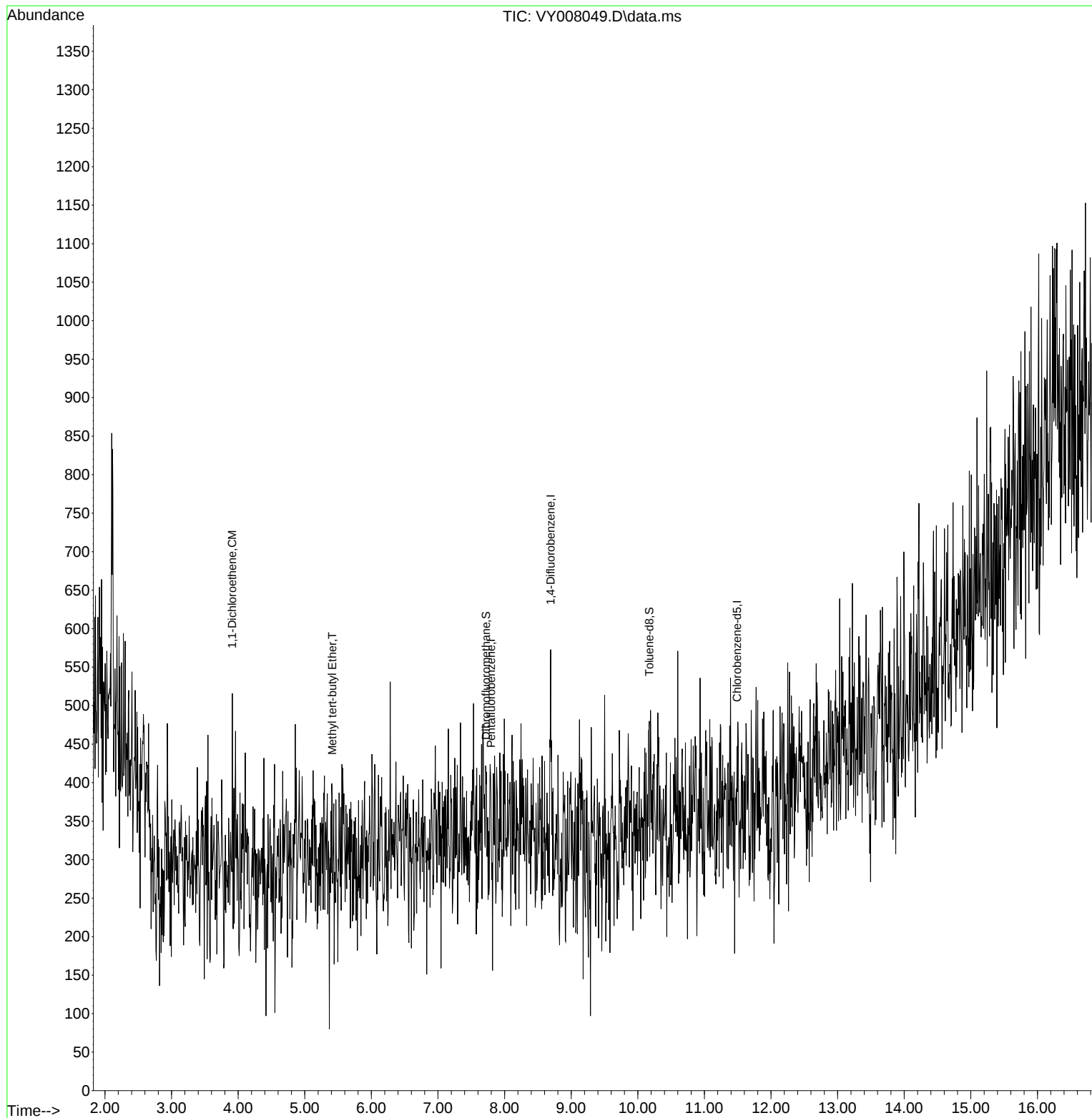
Internal Standards						
1) Pentafluorobenzene	7.795	168	43	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.691	114	205	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	47	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	0.000	65	0	0.000	ug/l	
Spiked Amount	50.000	Range	50 - 163	Recovery	=	0.000%#
35) Dibromofluoromethane	7.722	113	20	15.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	31.120%#
50) Toluene-d8	10.173	98	204	42.128	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.260%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	=	0.000%#
Target Compounds						Qvalue
12) 1,1-Dichloroethene	3.912	96	27	59.181	ug/l #	1
19) Methyl tert-butyl Ether	5.411	73	20	15.426	ug/l #	52

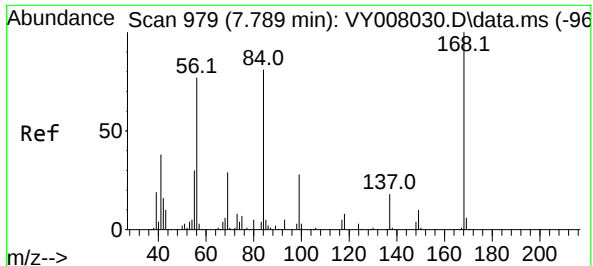
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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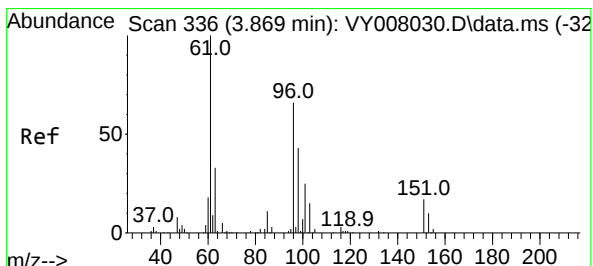
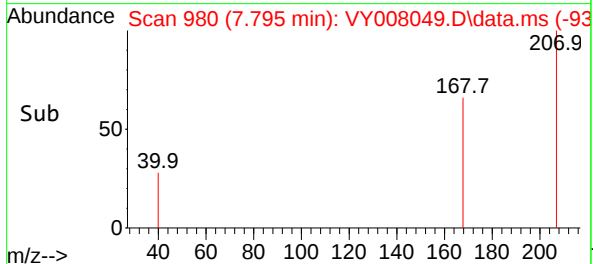
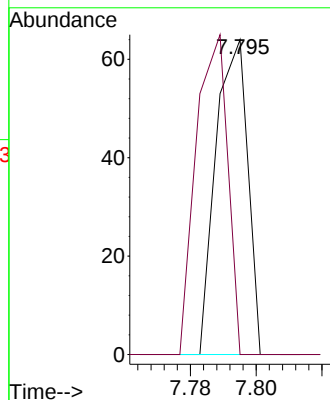
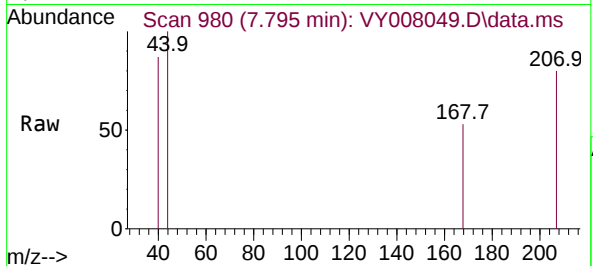




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY008049.D
Acq: 26 Mar 2022 16:26

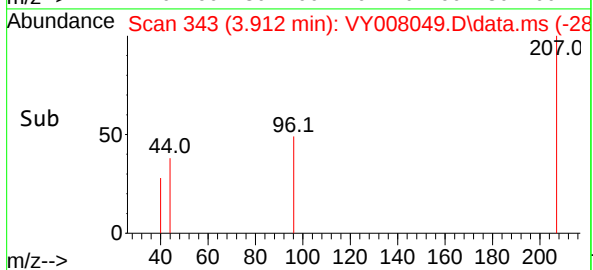
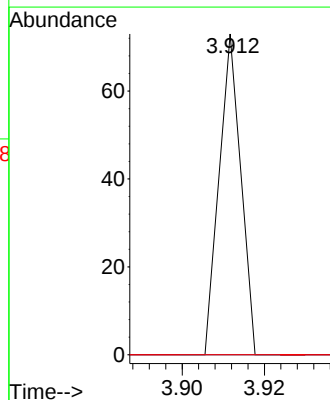
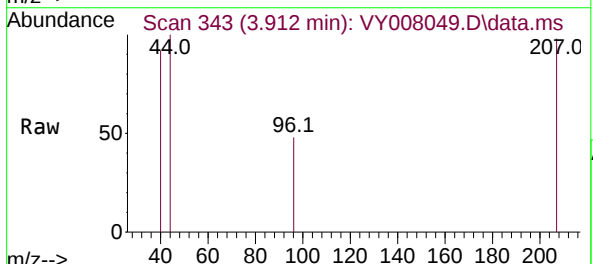
Instrument :
MSVOA_Y
ClientSampleId :
SB-10-4.0-5.0

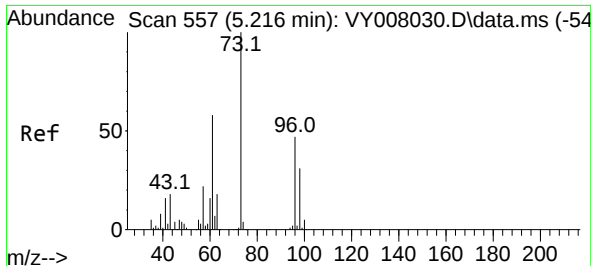
Tgt Ion:168 Resp: 43
Ion Ratio Lower Upper
168 100
99 0.0 46.9 70.3#



#12
1,1-Dichloroethene
Concen: 59.181 ug/l
RT: 3.912 min Scan# 343
Delta R.T. 0.043 min
Lab File: VY008049.D
Acq: 26 Mar 2022 16:26

Tgt Ion: 96 Resp: 27
Ion Ratio Lower Upper
96 100
61 0.0 145.8 218.6#
98 0.0 52.5 78.7#





#19

Methyl tert-butyl Ether

Concen: 15.426 ug/l

RT: 5.411 min Scan# 51

Delta R.T. 0.195 min

Lab File: VY008049.D

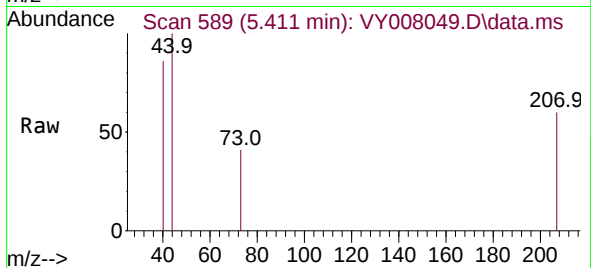
Acq: 26 Mar 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

SB-10-4.0-5.0

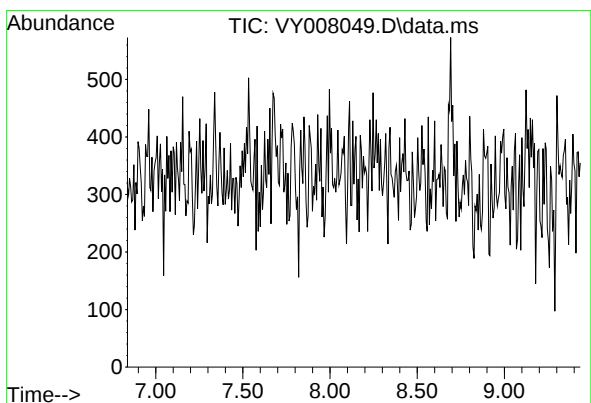
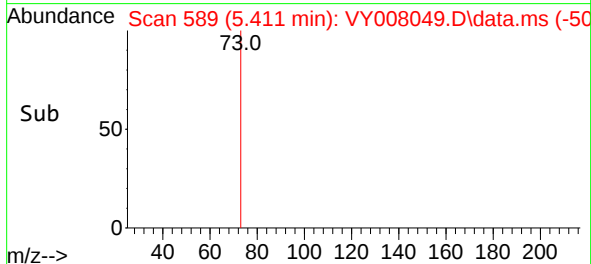
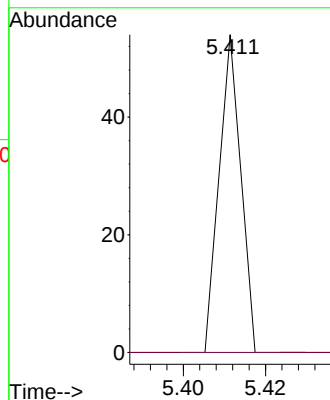


Tgt Ion: 73 Resp: 20

Ion Ratio Lower Upper

73 100

57 0.0 18.6 27.8#



#33

1,2-Dichloroethane-d4

Concen: 0.000 ug/l

Expected RT: 8.14 min

Lab File: VY008049.D

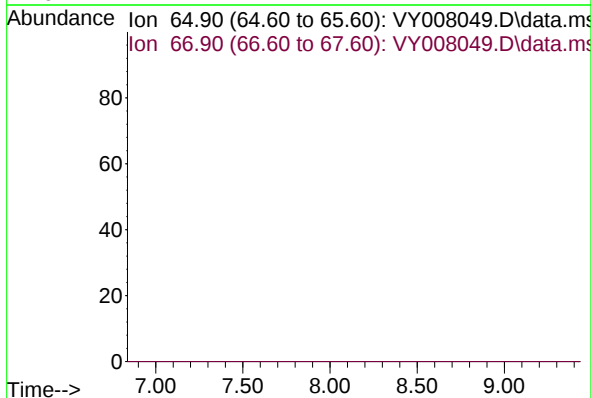
Acq: 26 Mar 2022 16:26

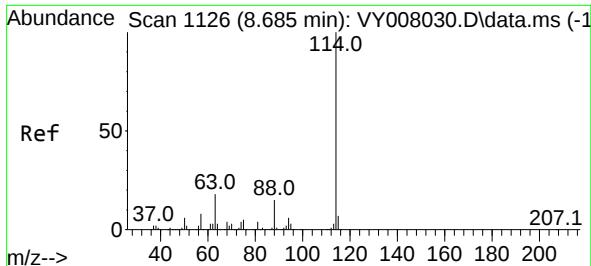
Tgt Ion: 65

Sig Exp Ratio

65 100

67 49.7





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY008049.D

Acq: 26 Mar 2022 16:26

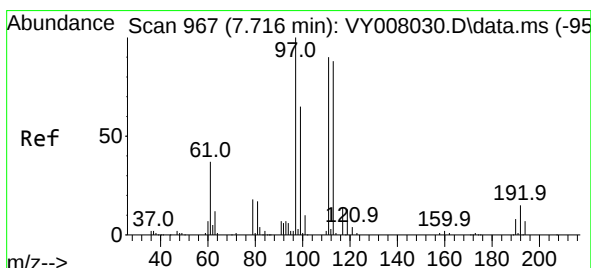
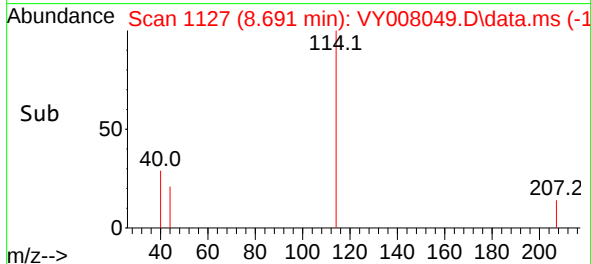
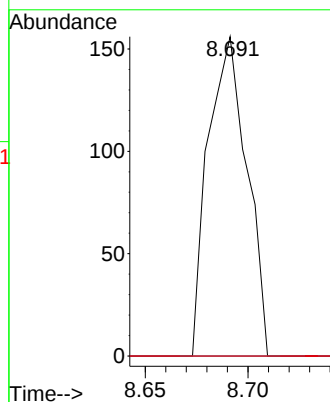
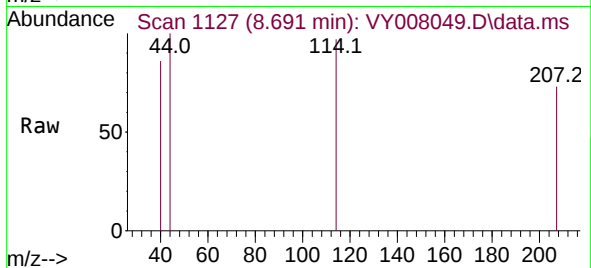
Instrument :

MSVOA_Y

ClientSampleId :

SB-10-4.0-5.0

Tgt Ion:114	Resp:	205
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 43.2
88	0.0	0.0 31.8



#35

Dibromofluoromethane

Concen: 15.561 ug/l

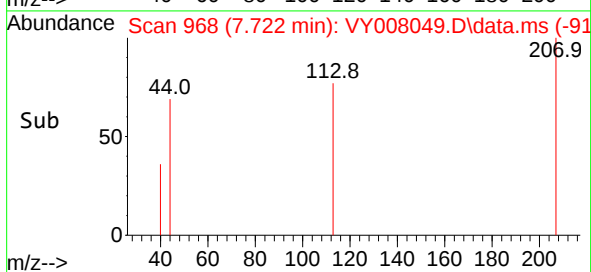
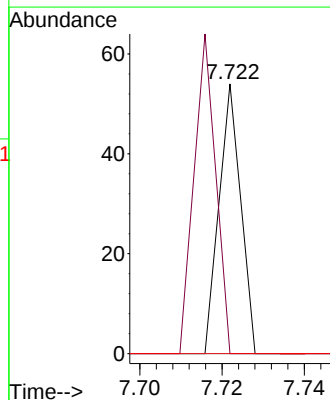
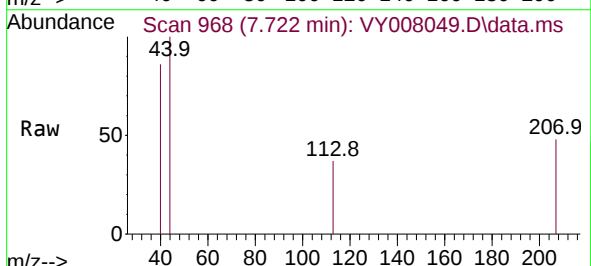
RT: 7.722 min Scan# 968

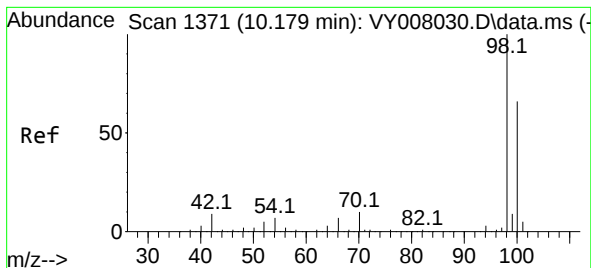
Delta R.T. 0.006 min

Lab File: VY008049.D

Acq: 26 Mar 2022 16:26

Tgt Ion:113	Resp:	20
Ion	Ratio	Lower Upper
113	100	
111	115.0	82.6 124.0
192	0.0	17.6 26.4

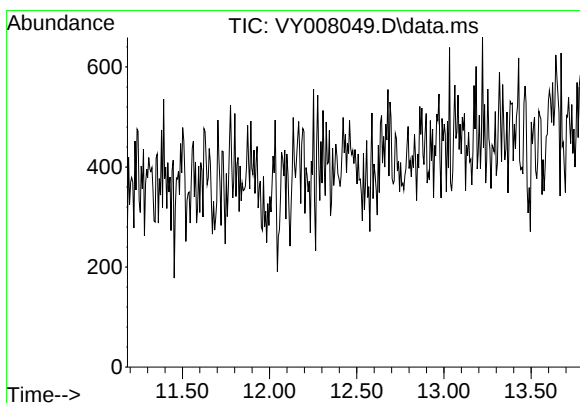
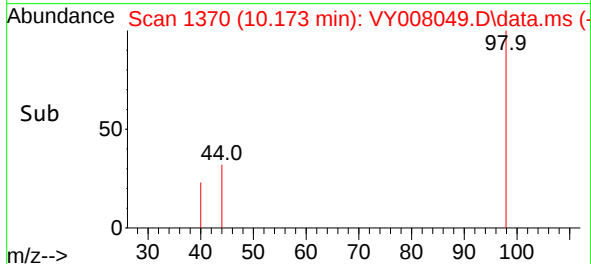
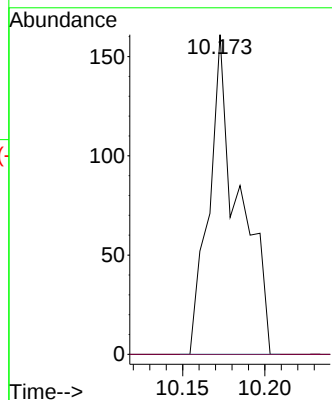
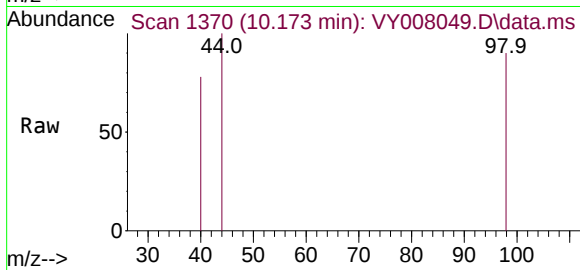




#50
Toluene-d8
Concen: 42.128 ug/l
RT: 10.173 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY008049.D
Acq: 26 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-4.0-5.0

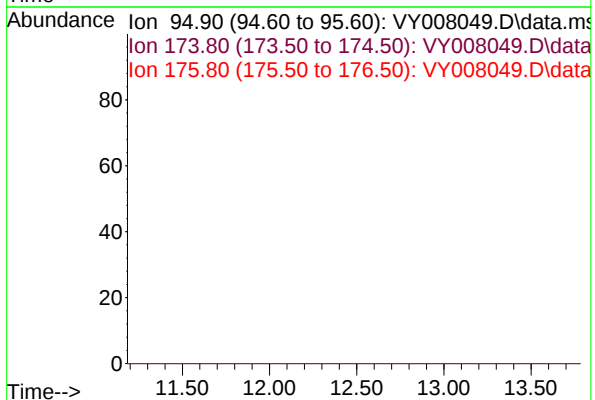
Tgt Ion: 98 Resp: 204
Ion Ratio Lower Upper
98 100
100 0.0 50.2 75.2#

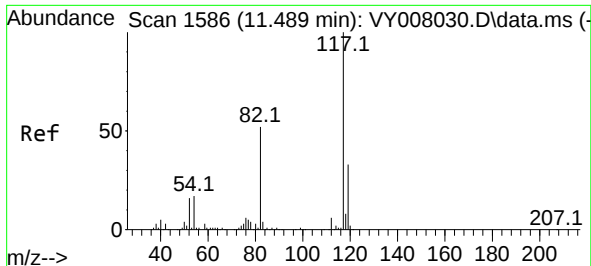


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY008049.D
Acq: 26 Mar 2022 16:26

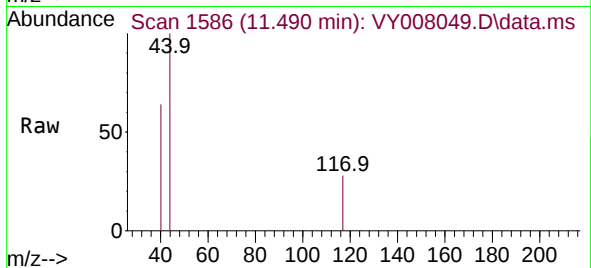
Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 87.9



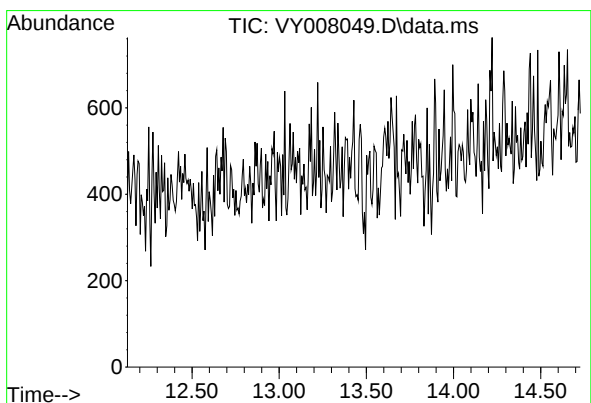
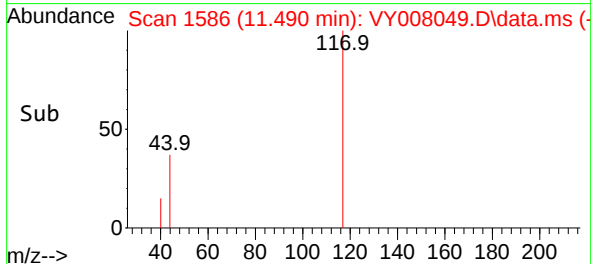
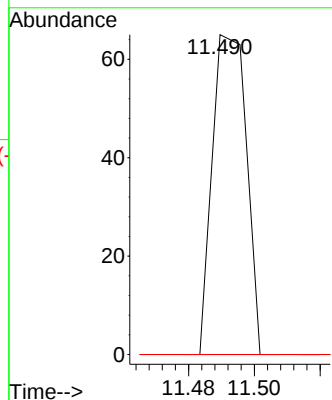


#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 11
Delta R.T. 0.001 min
Lab File: VY008049.D
Acq: 26 Mar 2022 16:26

Instrument :
MSVOA_Y
ClientSampleId :
SB-10-4.0-5.0



Tgt Ion:117 Resp: 47
Ion Ratio Lower Upper
117 100
82 0.0 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: VY008049.D
Acq: 26 Mar 2022 16:26

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

