

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011922\
 Data File : VY007221.D
 Acq On : 19 Jan 2022 14:05
 Operator : SY/MD
 Sample : N1158-02
 Misc : 5.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1A

Quant Time: Jan 20 00:16:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011322S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jan 14 05:48:29 2022
 Response via : Initial Calibration

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

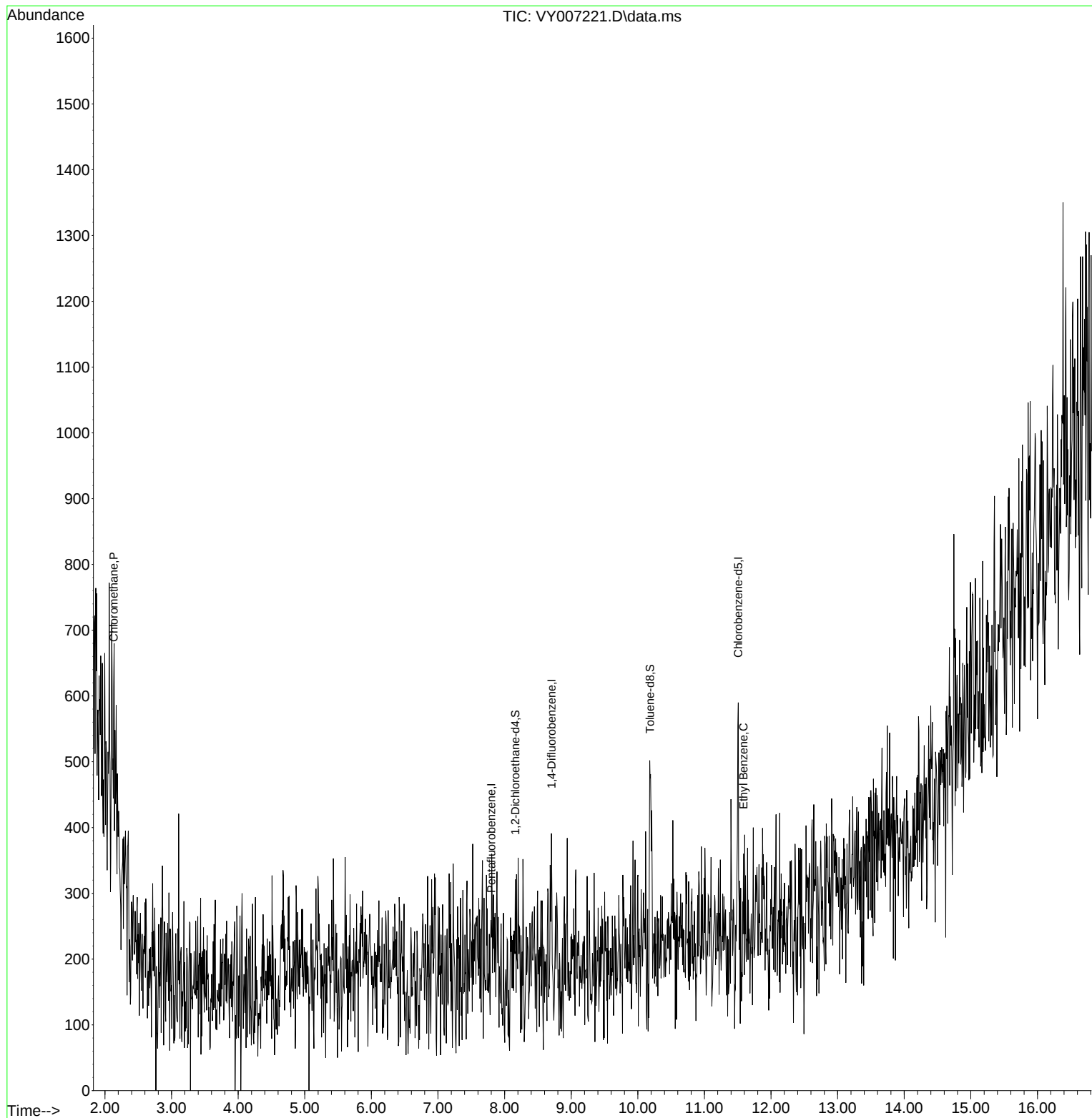
Internal Standards						
1) Pentafluorobenzene	7.801	168	87	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.703	114	218	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	152	50.000	ug/l	# 0.02
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	122	114.286	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	= 228.580%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.185	98	280	51.985	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 103.960%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	
Target Compounds						
					Qvalue	
3) Chloromethane	2.131	50	48	75.032	ug/l #	41
67) Ethyl Benzene	11.587	91	20	3.202	ug/l #	45

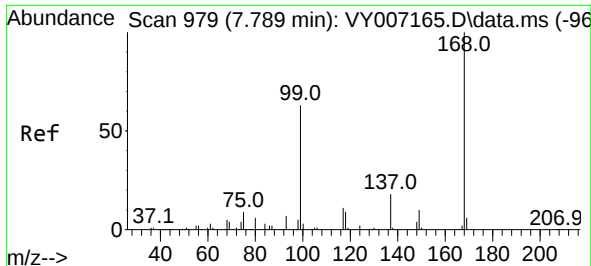
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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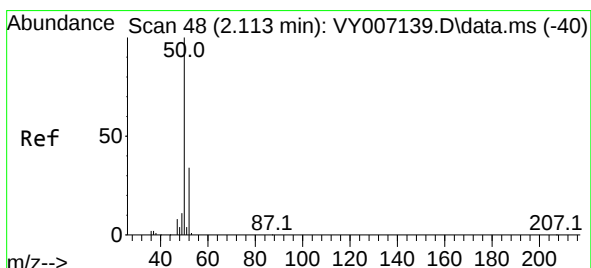
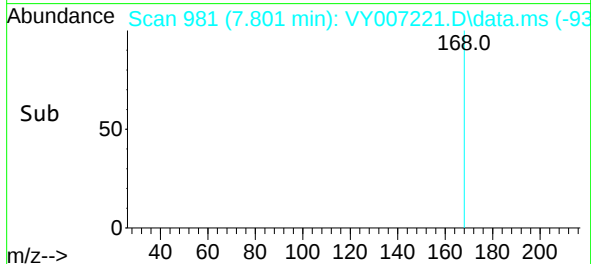
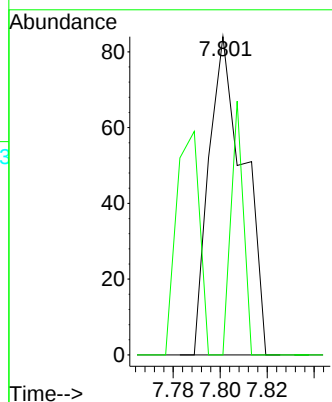
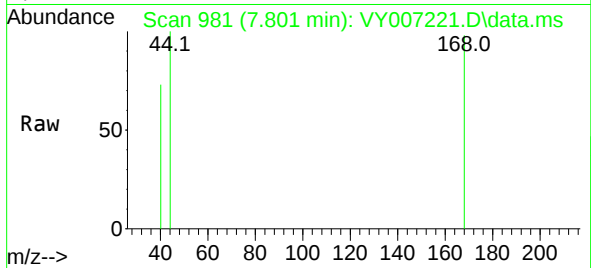




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY007221.D
Acq: 19 Jan 2022 14:05

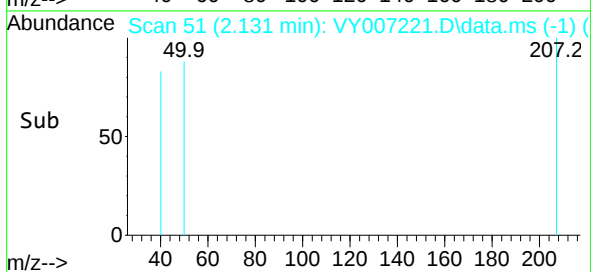
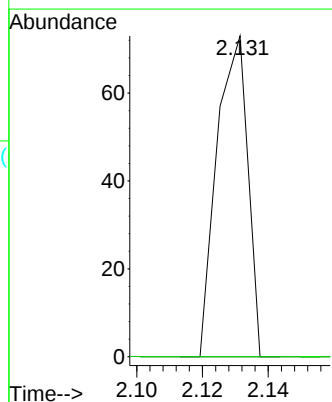
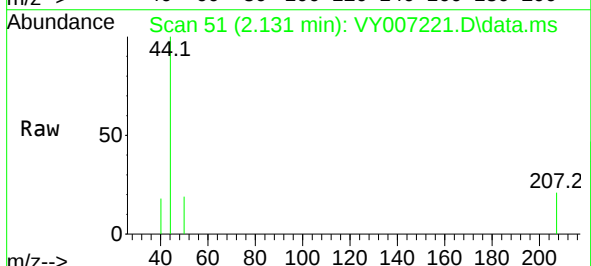
Instrument :
MSVOA_Y
ClientSampleId :
R-1A

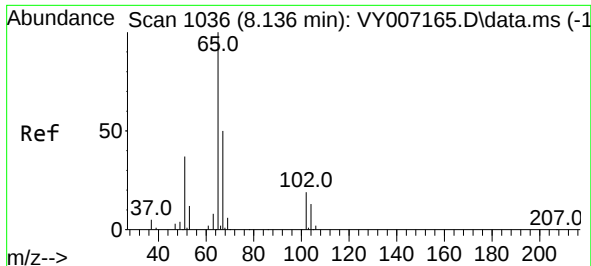
Tgt Ion:168 Resp: 87
Ion Ratio Lower Upper
168 100
99 0.0 49.1 73.7#



#3
Chloromethane
Concen: 75.032 ug/l
RT: 2.131 min Scan# 51
Delta R.T. 0.019 min
Lab File: VY007221.D
Acq: 19 Jan 2022 14:05

Tgt Ion: 50 Resp: 48
Ion Ratio Lower Upper
50 100
52 0.0 27.1 40.7#





#33

1,2-Dichloroethane-d4

Concen: 114.286 ug/l

RT: 8.161 min Scan# 110

Delta R.T. 0.019 min

Lab File: VY007221.D

Acq: 19 Jan 2022 14:05

Instrument :

MSVOA_Y

ClientSampleId :

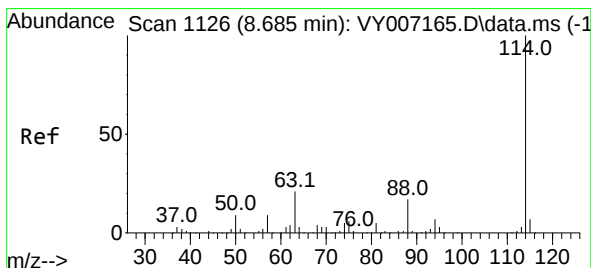
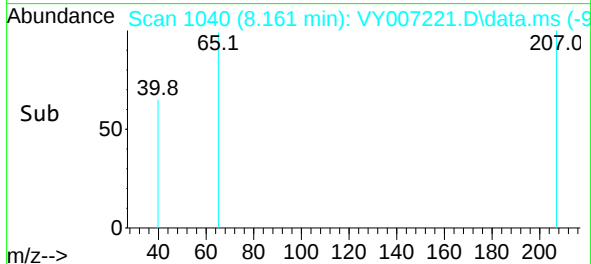
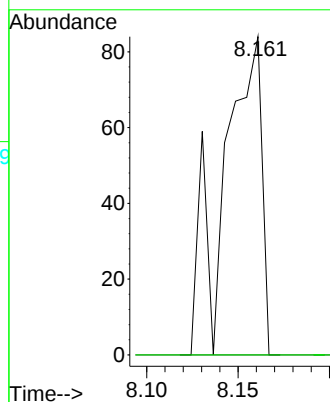
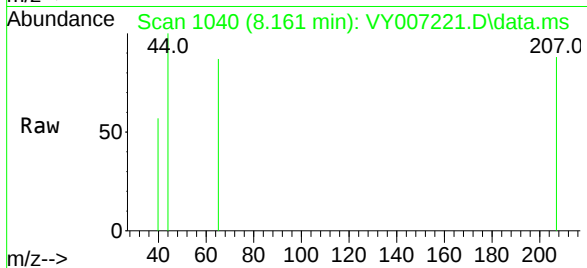
R-1A

Tgt Ion: 65 Resp: 122

Ion Ratio Lower Upper

65 100

67 0.0 0.0 105.6



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.703 min Scan# 1129

Delta R.T. 0.013 min

Lab File: VY007221.D

Acq: 19 Jan 2022 14:05

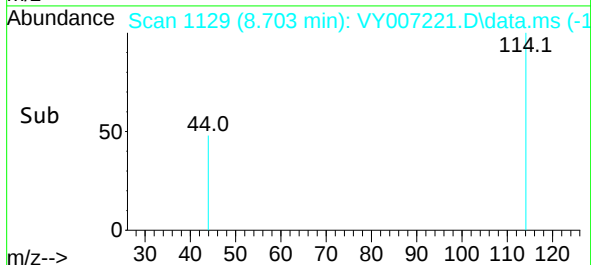
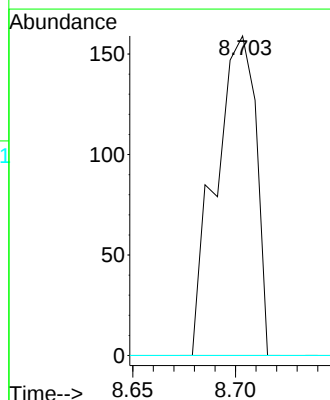
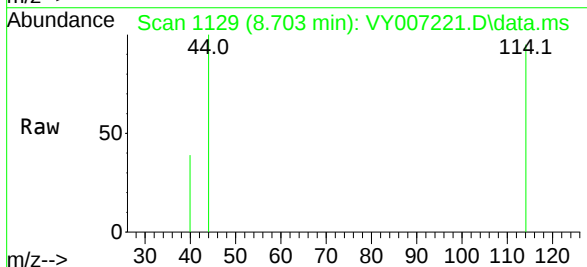
Tgt Ion: 114 Resp: 218

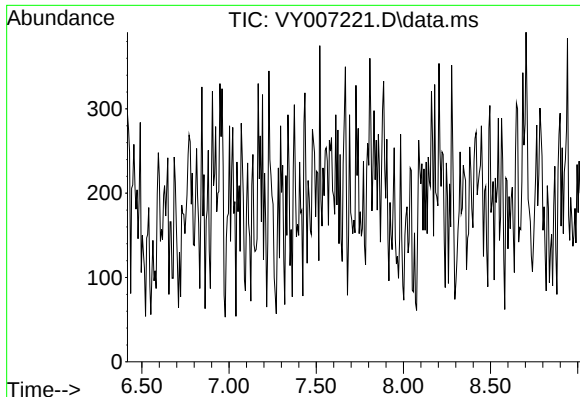
Ion Ratio Lower Upper

114 100

63 0.0 0.0 39.2

88 0.0 0.0 31.0

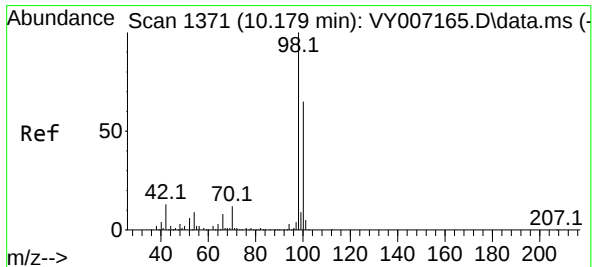
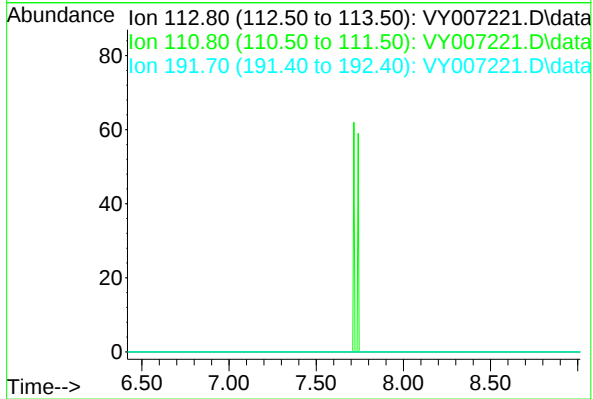




#35
 Dibromofluoromethane
 Concen: 0.000 ug/l
 Expected RT: 7.72 min
 Lab File: VY007221.D
 Acq: 19 Jan 2022 14:05

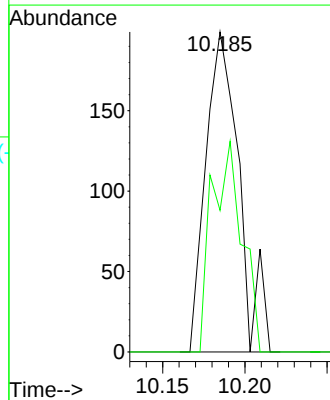
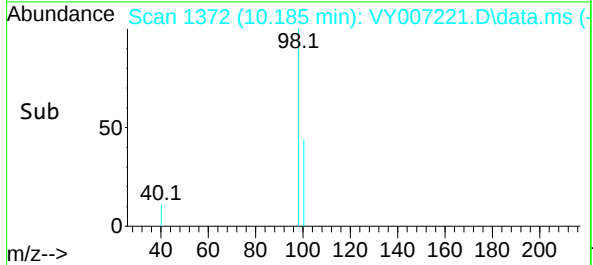
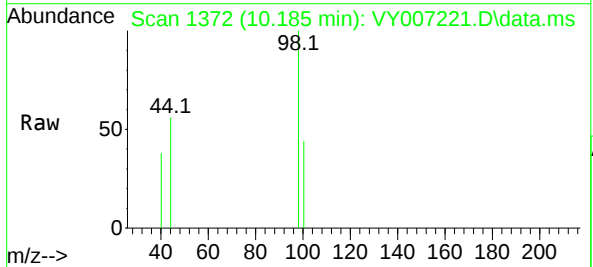
Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1A

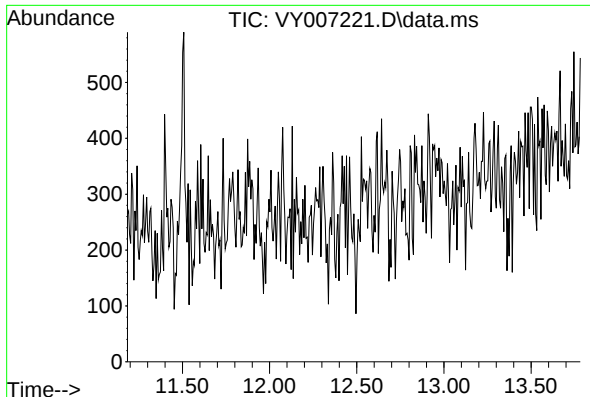
Tgt Ion: 113
 Sig Exp Ratio
 113 100
 111 102.8
 192 17.8



#50
 Toluene-d8
 Concen: 51.985 ug/l
 RT: 10.185 min Scan# 1372
 Delta R.T. 0.007 min
 Lab File: VY007221.D
 Acq: 19 Jan 2022 14:05

Tgt Ion: 98 Resp: 280
 Ion Ratio Lower Upper
 98 100
 100 60.0 52.2 78.2

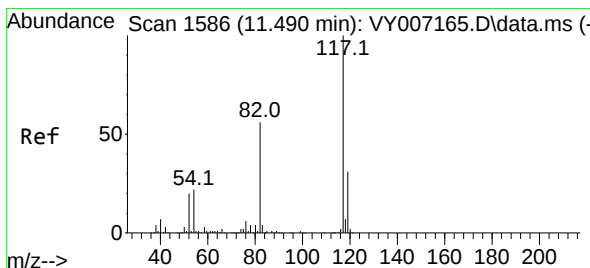
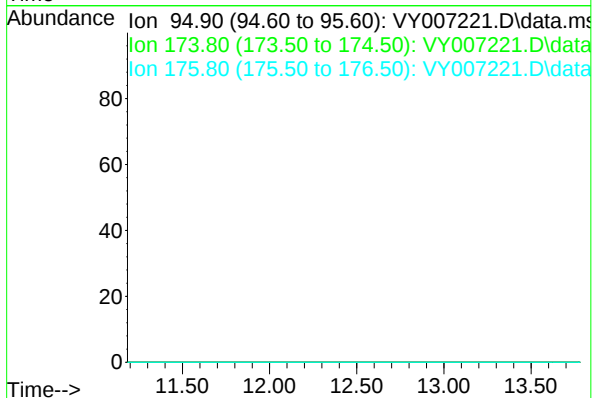




#62
 4-Bromofluorobenzene
 Concen: 0.000 ug/l
 Expected RT: 12.48 min
 Lab File: VY007221.D
 Acq: 19 Jan 2022 14:05

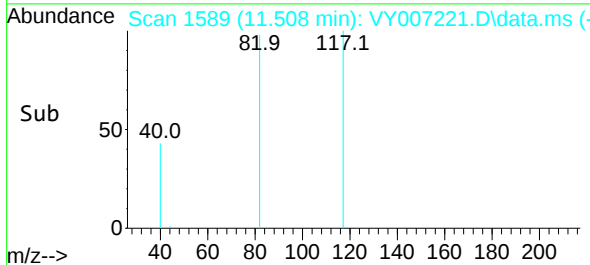
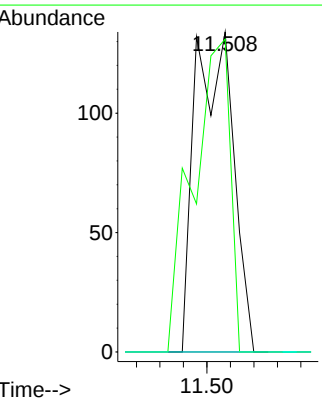
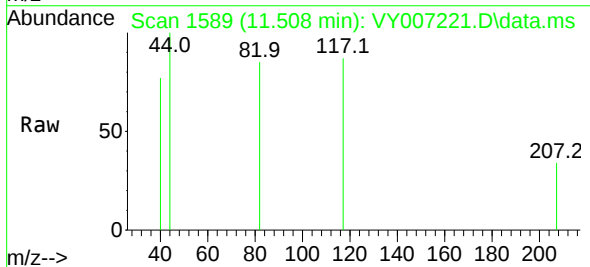
Instrument :
 MSVOA_Y
 ClientSampleId :
 R-1A

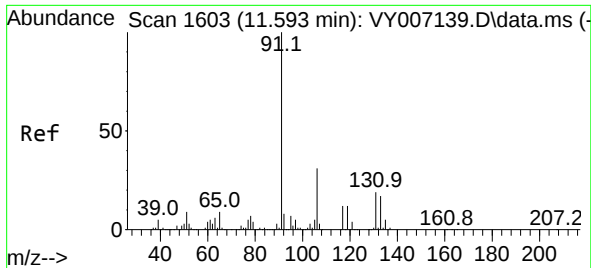
Tgt Ion: 95
 Sig Exp Ratio
 95 100
 174 74.2
 176 73.3



#63
 Chlorobenzene-d5
 Concen: 50.000 ug/l
 RT: 11.508 min Scan# 1589
 Delta R.T. 0.019 min
 Lab File: VY007221.D
 Acq: 19 Jan 2022 14:05

Tgt Ion:117 Resp: 152
 Ion Ratio Lower Upper
 117 100
 82 97.8 45.4 68.0#
 119 0.0 26.4 39.6#

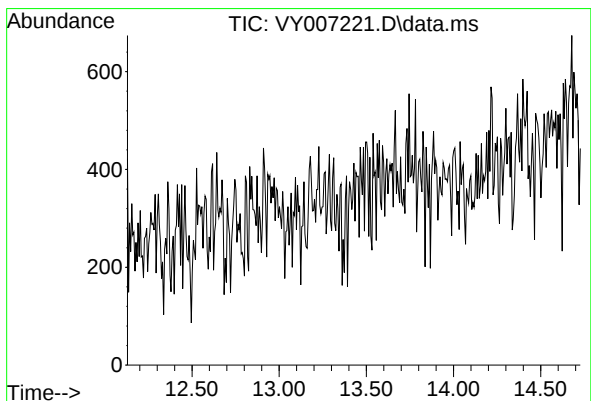
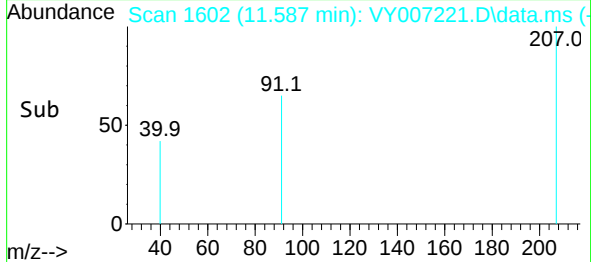
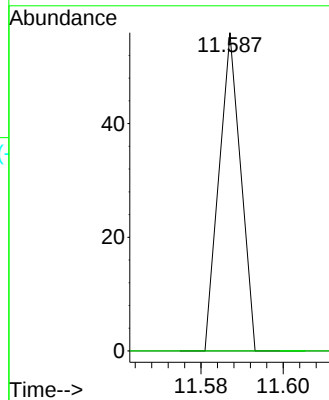
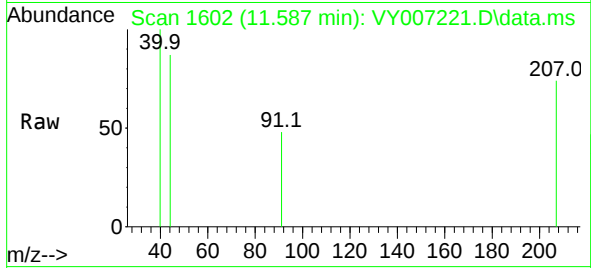




#67
Ethyl Benzene
Concen: 3.202 ug/l
RT: 11.587 min Scan# 1
Delta R.T. -0.006 min
Lab File: VY007221.D
Acq: 19 Jan 2022 14:05

Instrument :
MSVOA_Y
ClientSampleId :
R-1A

Tgt Ion: 91 Resp: 20
Ion Ratio Lower Upper
91 100
106 0.0 23.9 35.9#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.43 min

Lab File: VY007221.D
Acq: 19 Jan 2022 14:05

Tgt Ion: 152
Sig Exp Ratio
152 100
115 62.7
150 174.2

