

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110321\
 Data File : VY006613.D
 Acq On : 03 Nov 2021 19:52
 Operator : SY/MD
 Sample : M4475-06
 Misc : 5.04G/5ML/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP01

Quant Time: Nov 03 21:24:18 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y102221S.M
 Quant Title : SW846 8260
 QLast Update : Sat Oct 23 06:59:04 2021
 Response via : Initial Calibration

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

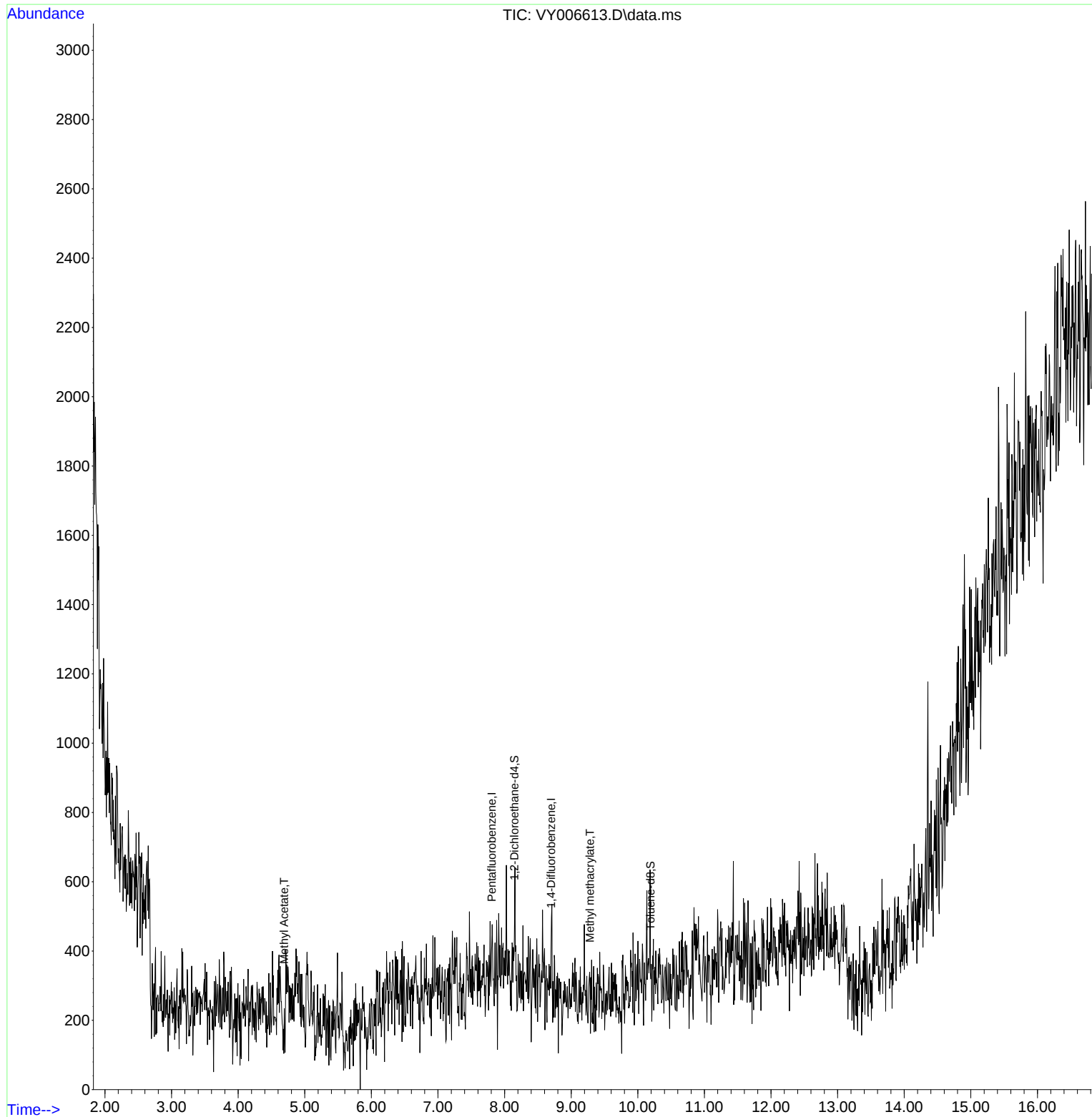
Internal Standards						
1) Pentafluorobenzene	7.807	168	70	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.697	114	168	50.000	ug/l	0.00
63) Chlorobenzene-d5	0.000	117	0	0.000	ug/l	-11.49
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.43
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	137	159.044	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 318.080%#	
35) Dibromofluoromethane	0.000	113	0	0.000	ug/l	
Spiked Amount	50.000	Range	54 - 147	Recovery	= 0.000%#	
50) Toluene-d8	10.191	98	218	54.919	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	25 - 144	Recovery	= 0.000%#	
Target Compounds						
18) Methyl Acetate	4.692	43	22	27.353	ug/l #	55
48) Methyl methacrylate	9.283	41	22	23.292	ug/l #	16

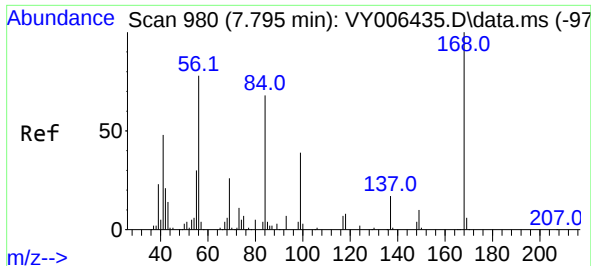
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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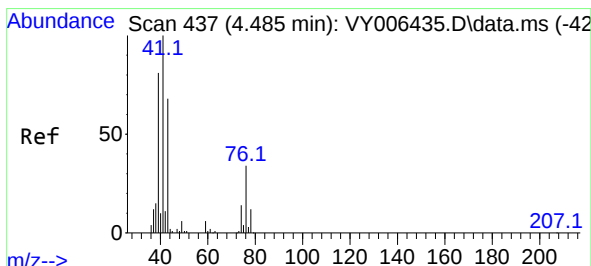
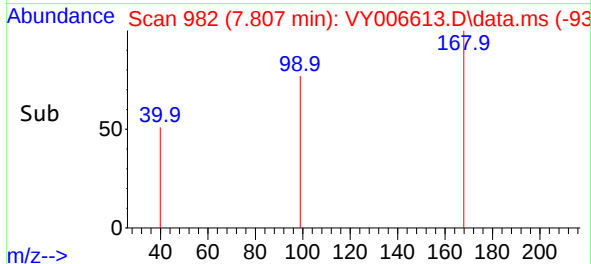
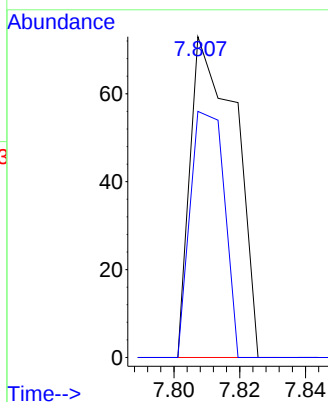
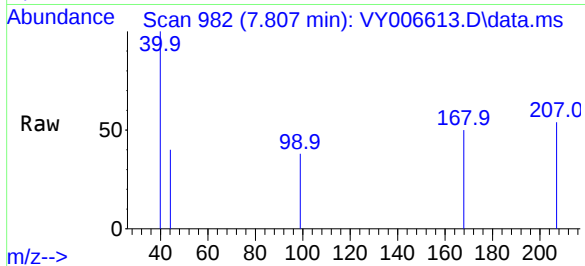




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.807 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

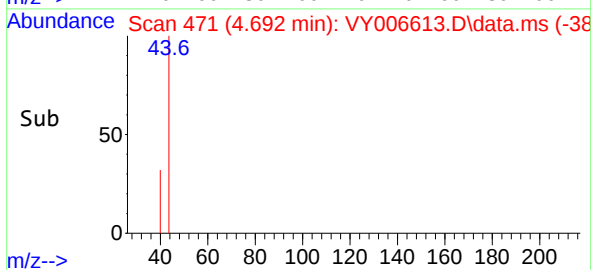
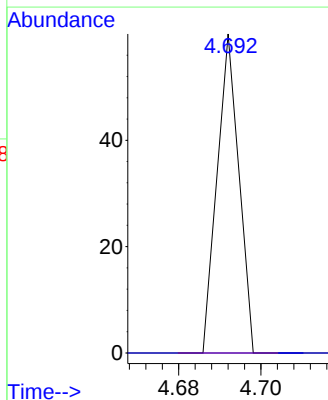
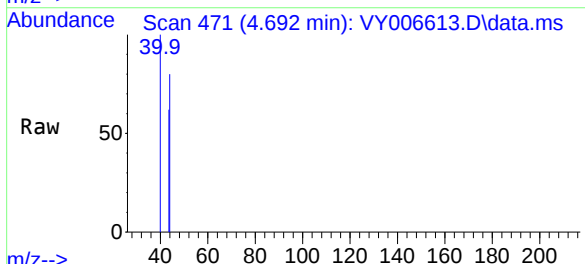
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

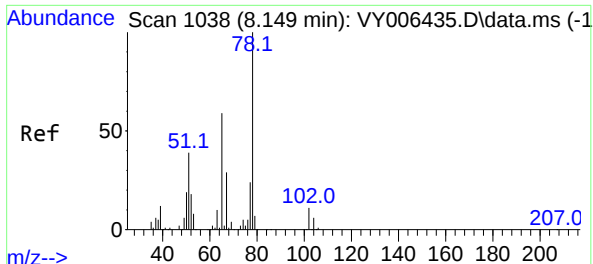
Tgt Ion:168 Resp: 70
Ion Ratio Lower Upper
168 100
99 76.7 44.8 67.2#



#18
Methyl Acetate
Concen: 27.353 ug/l
RT: 4.692 min Scan# 471
Delta R.T. 0.207 min
Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Tgt Ion: 43 Resp: 22
Ion Ratio Lower Upper
43 100
74 0.0 16.6 25.0#





#33

1,2-Dichloroethane-d4

Concen: 159.044 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.000 min

Lab File: VY006613.D

Acq: 03 Nov 2021 19:52

Instrument :

MSVOA_Y

ClientSampleId :

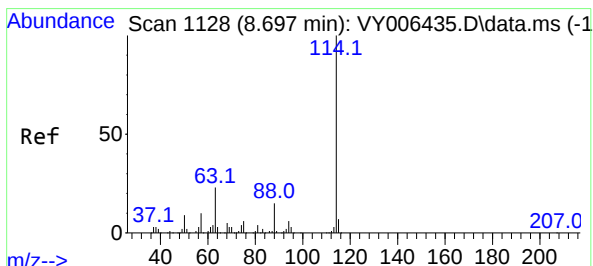
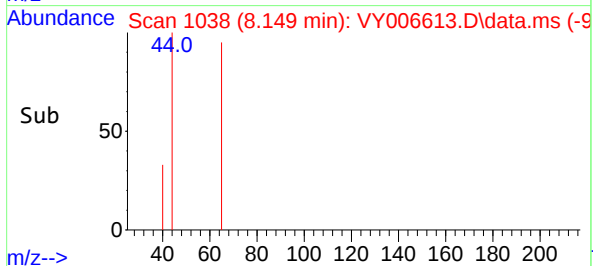
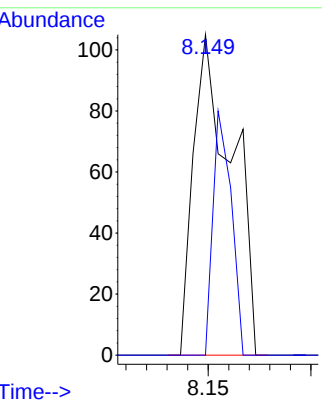
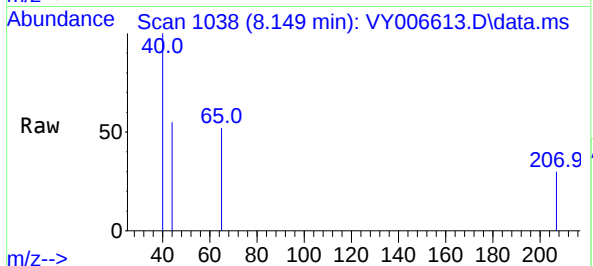
DUP01

Tgt Ion: 65 Resp: 137

Ion Ratio Lower Upper

65 100

67 35.8 0.0 98.2



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.000 min

Lab File: VY006613.D

Acq: 03 Nov 2021 19:52

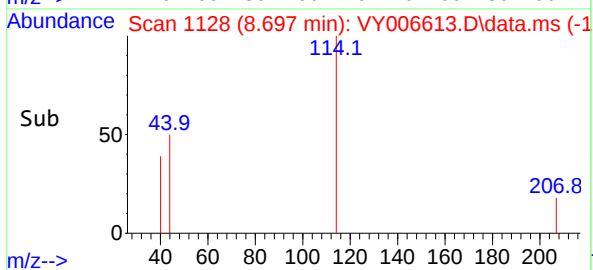
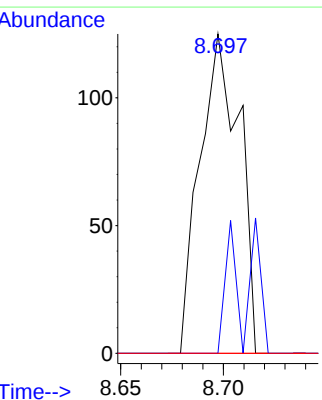
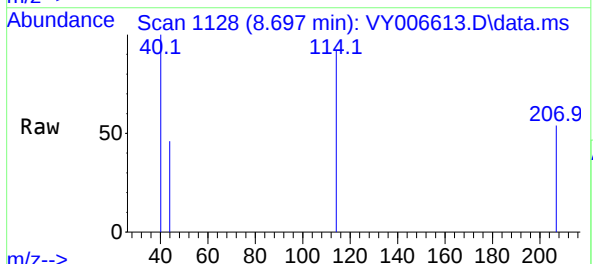
Tgt Ion: 114 Resp: 168

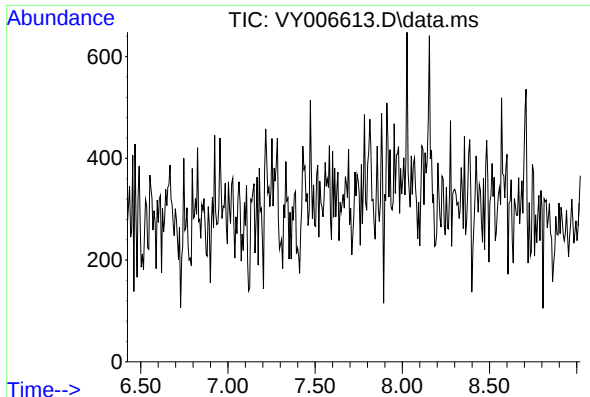
Ion Ratio Lower Upper

114 100

63 0.0 0.0 45.0

88 0.0 0.0 30.6



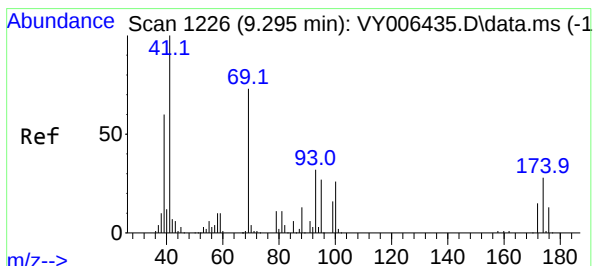
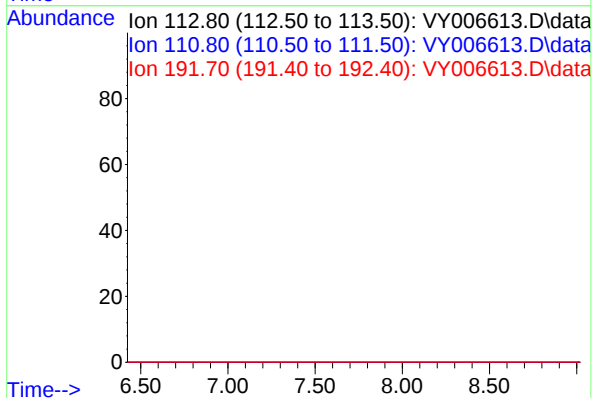


#35
Dibromofluoromethane
Concen: 0.000 ug/l
Expected RT: 7.72 min

Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

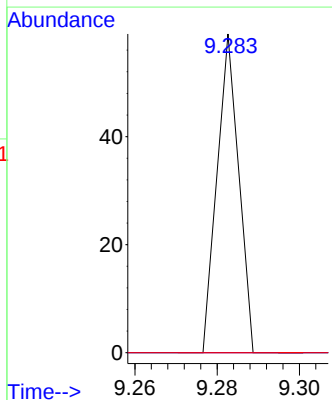
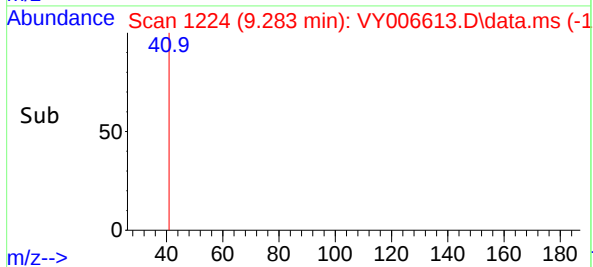
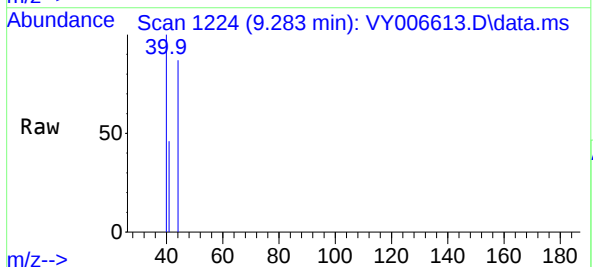
Instrument :
MSVOA_Y
ClientSampleId :
DUP01

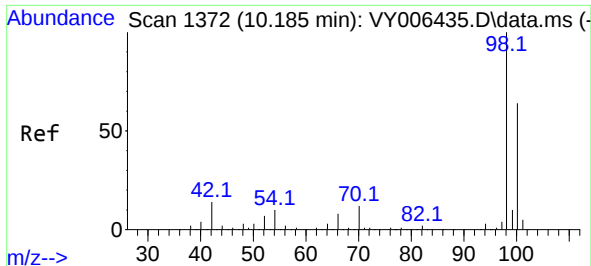
Tgt Ion: 113
Sig Exp Ratio
113 100
111 102.9
192 21.8



#48
Methyl methacrylate
Concen: 23.292 ug/l
RT: 9.283 min Scan# 1224
Delta R.T. -0.012 min
Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Tgt Ion: 41 Resp: 22
Ion Ratio Lower Upper
41 100
69 0.0 60.4 90.6#
39 0.0 48.2 72.2#

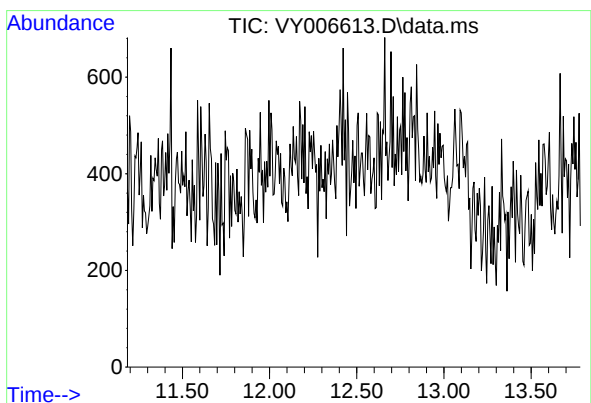
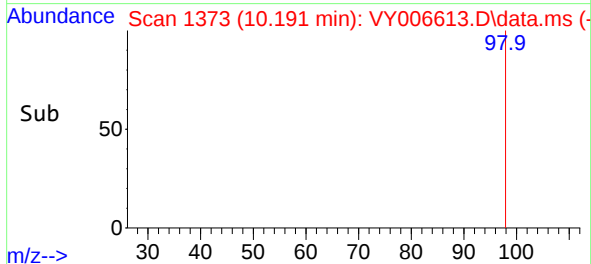
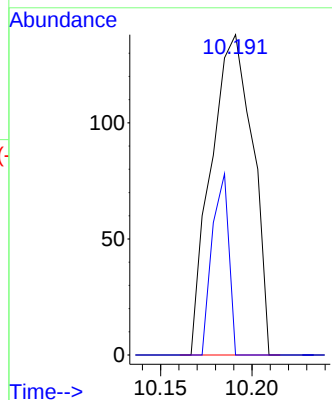
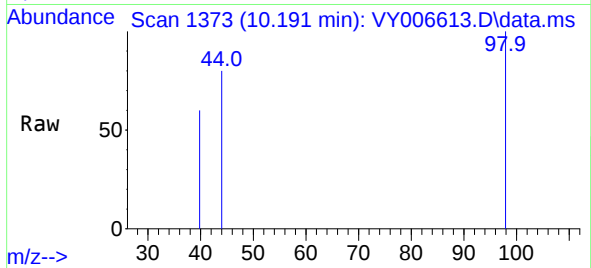




#50
Toluene-d8
Concen: 54.919 ug/l
RT: 10.191 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :
DUP01

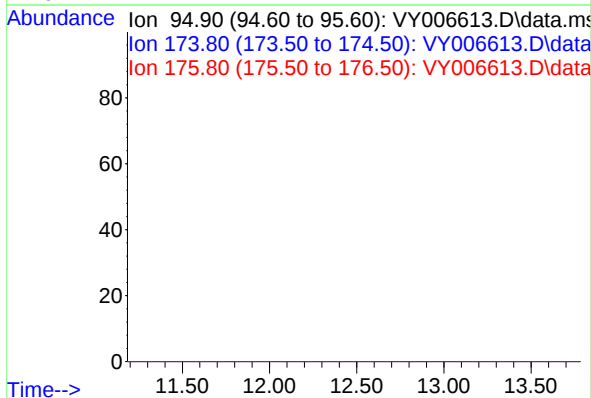
Tgt Ion: 98 Resp: 218
Ion Ratio Lower Upper
98 100
100 22.5 50.9 76.3#

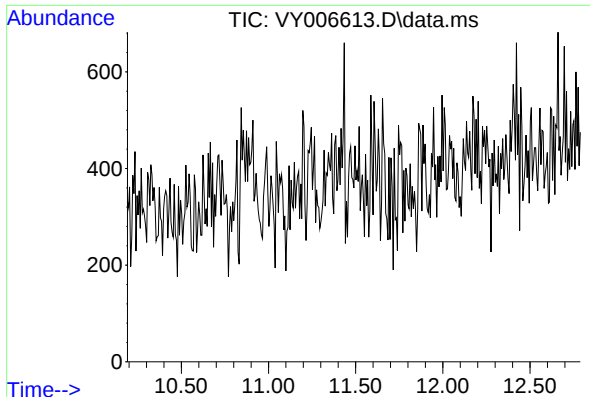


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Tgt Ion: 95
Sig Exp Ratio
95 100
174 88.5
176 84.7



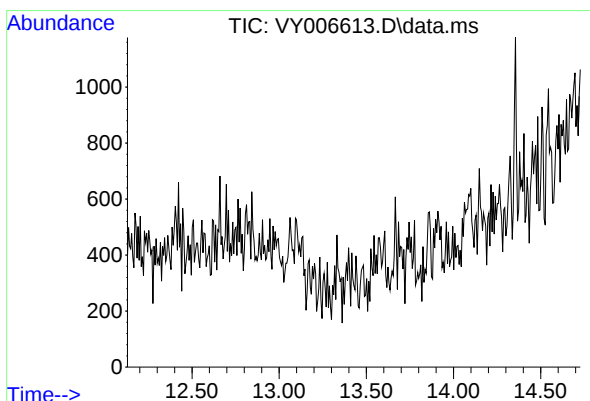
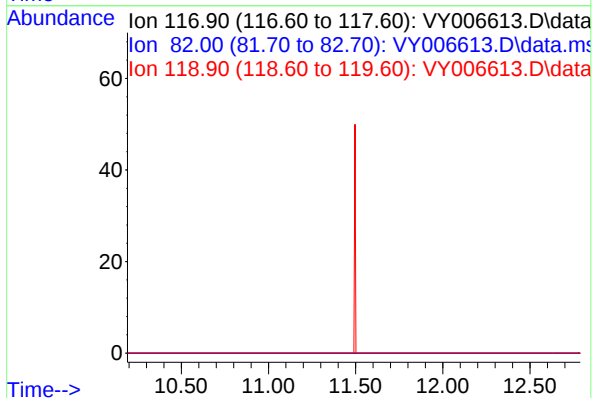


#63
Chlorobenzene-d5
Concen: 0.000 ug/l
Expected RT: 11.49 min

Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Instrument :
MSVOA_Y
ClientSampleId :
DUP01

Tgt Ion: 117
Sig Exp Ratio
117 100
82 57.1
119 31.9



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

Lab File: VY006613.D
Acq: 03 Nov 2021 19:52

Tgt Ion: 152
Sig Exp Ratio
152 100
115 57.0
150 174.1

