

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112822\
 Data File : VY011595.D
 Acq On : 28 Nov 2022 12:02
 Operator : KP/MD
 Sample : N5766-04RE
 Misc : 5.03g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CR-4RE

Quant Time: Nov 29 00:24:55 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

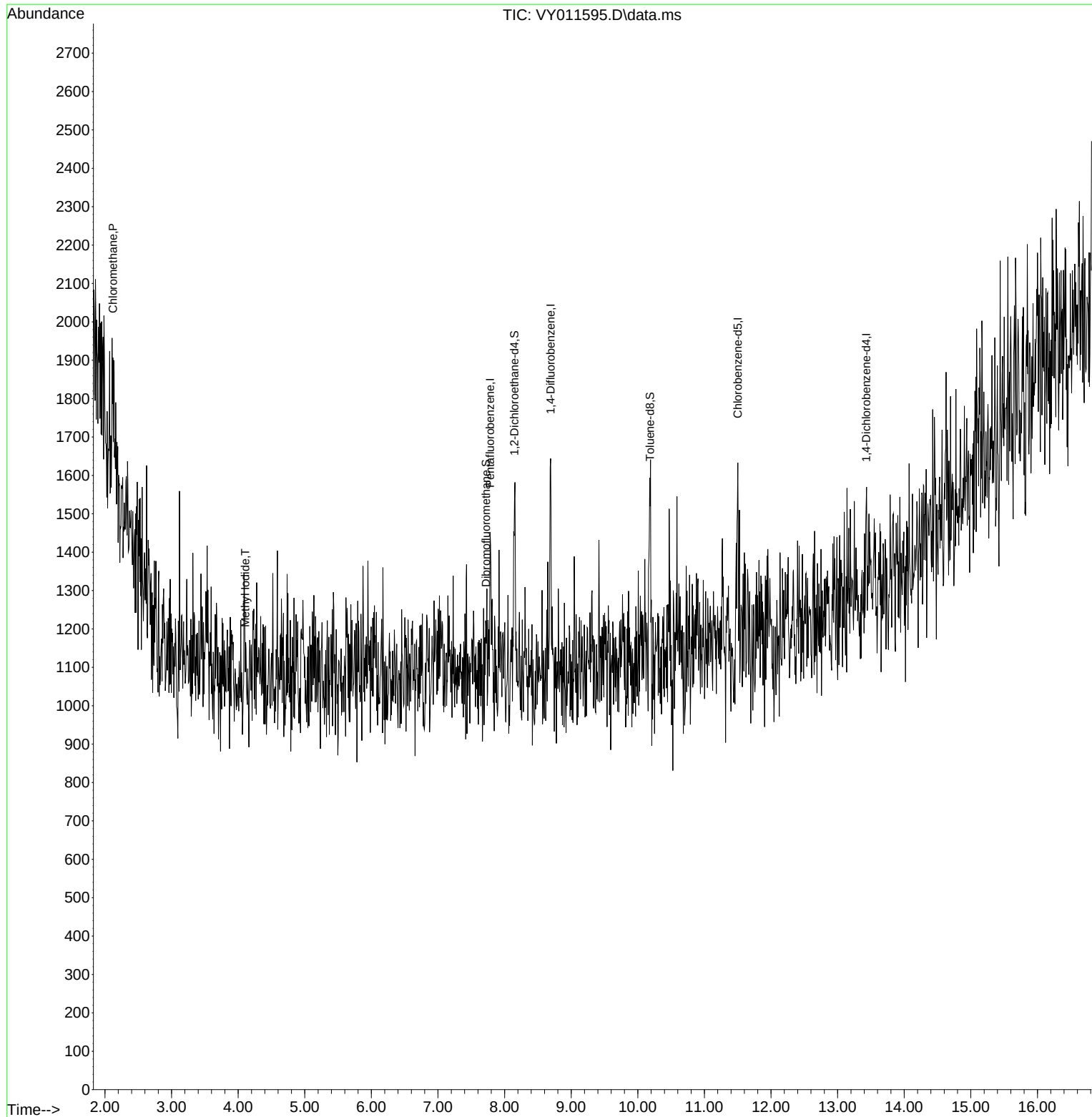
Internal Standards						
1) Pentafluorobenzene	7.783	168	368	50.000	ug/l	#-0.01
34) 1,4-Difluorobenzene	8.691	114	635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.502	117	386	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	454	121.499	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	243.000%#
35) Dibromofluoromethane	7.722	113	187	47.838	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.680%
50) Toluene-d8	10.185	98	597	42.027	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	84.060%
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	2.119	50	19	1.802	ug/l #	44
10) Methyl Iodide	4.107	142	144	35.009	ug/l #	35

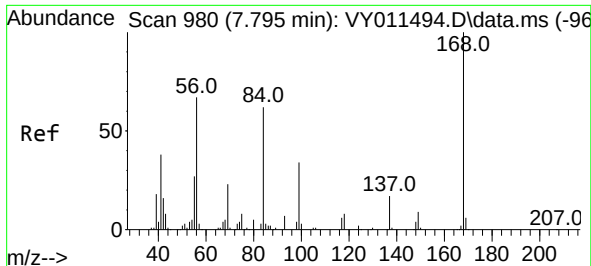
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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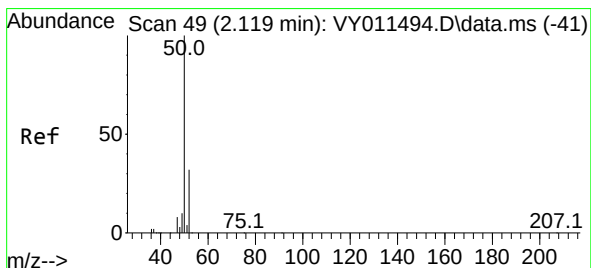
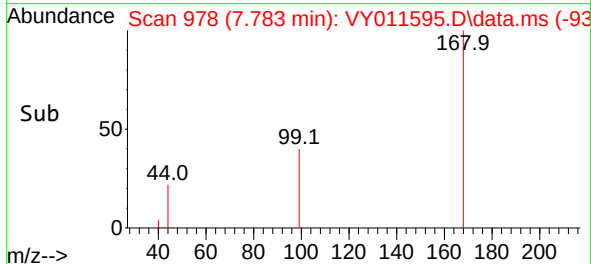
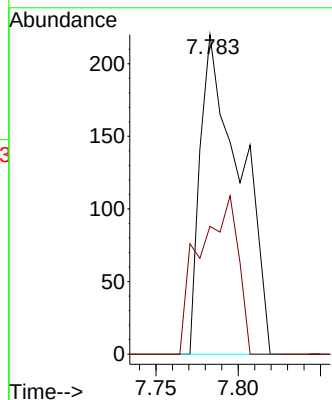
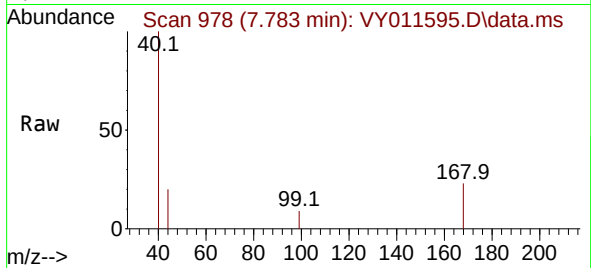




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

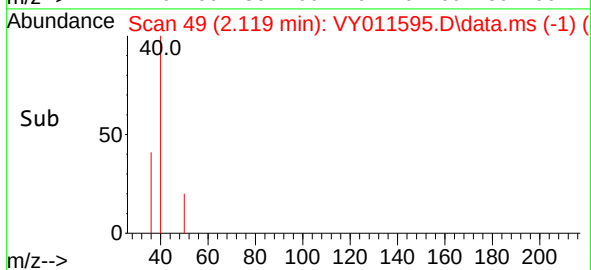
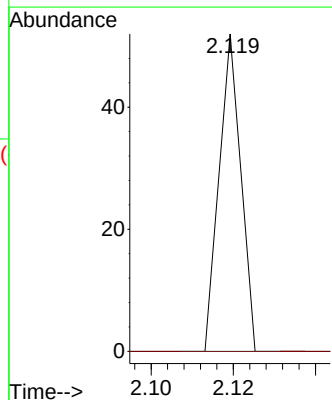
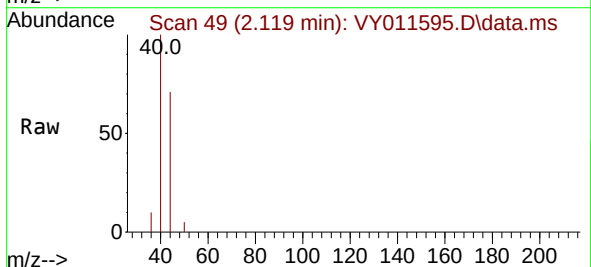
Instrument :
MSVOA_Y
ClientSampleId :
CR-4RE

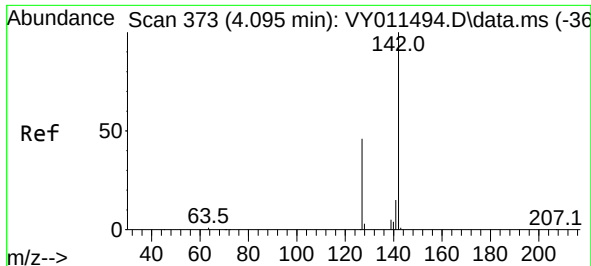
Tgt Ion:168 Resp: 368
Ion Ratio Lower Upper
168 100
99 40.0 46.9 70.3#



#3
Chloromethane
Concen: 1.802 ug/l
RT: 2.119 min Scan# 49
Delta R.T. 0.000 min
Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

Tgt Ion: 50 Resp: 19
Ion Ratio Lower Upper
50 100
52 0.0 24.6 37.0#





#10

Methyl Iodide

Concen: 35.009 ug/l

RT: 4.107 min Scan# 31

Delta R.T. 0.012 min

Lab File: VY011595.D

Acq: 28 Nov 2022 12:02

Instrument :

MSVOA_Y

ClientSampleId :

CR-4RE

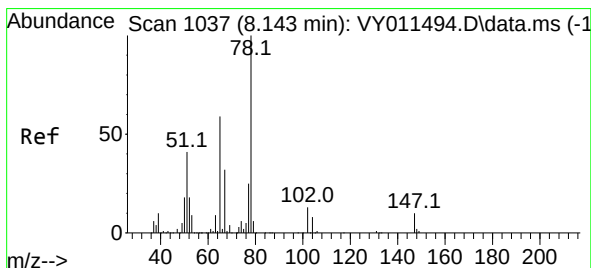
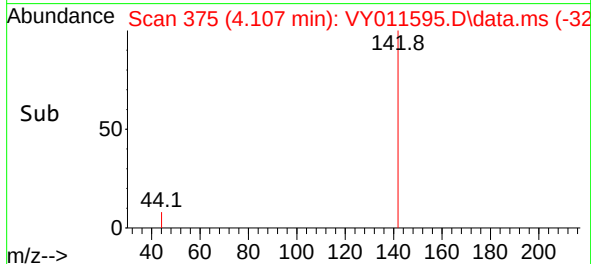
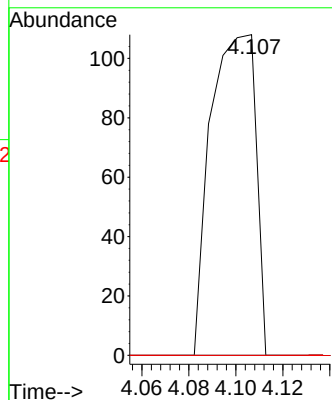
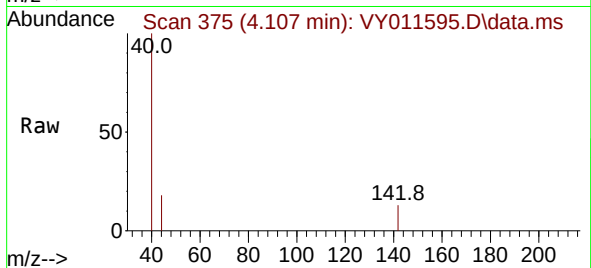
Tgt Ion:142 Resp: 144

Ion Ratio Lower Upper

142 100

127 0.0 41.5 62.3#

141 0.0 11.9 17.9#



#33

1,2-Dichloroethane-d4

Concen: 121.499 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.006 min

Lab File: VY011595.D

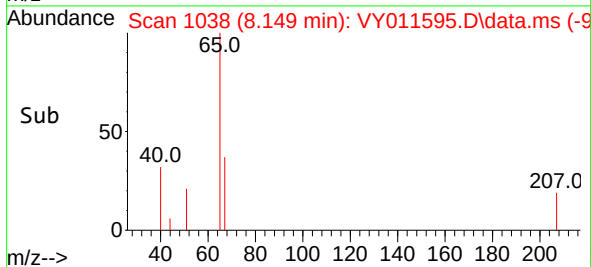
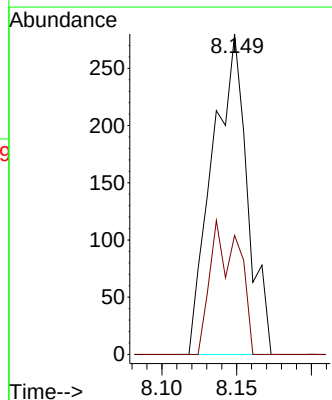
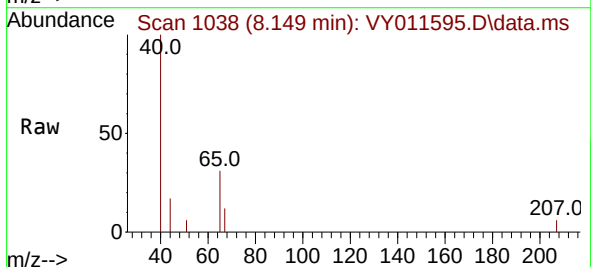
Acq: 28 Nov 2022 12:02

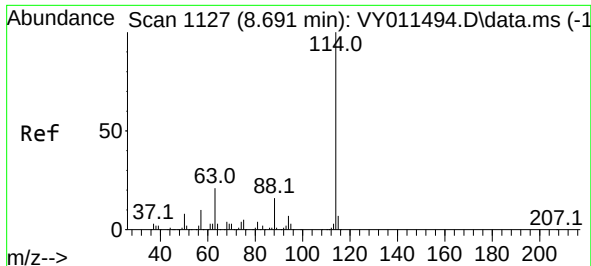
Tgt Ion: 65 Resp: 454

Ion Ratio Lower Upper

65 100

67 34.1 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: VY011595.D

Acq: 28 Nov 2022 12:02

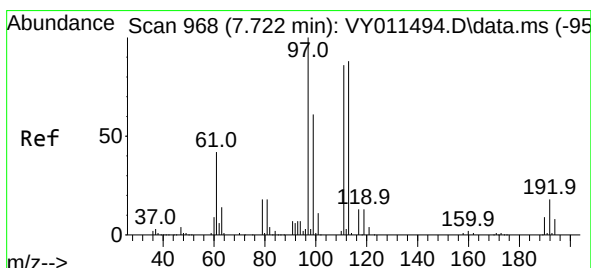
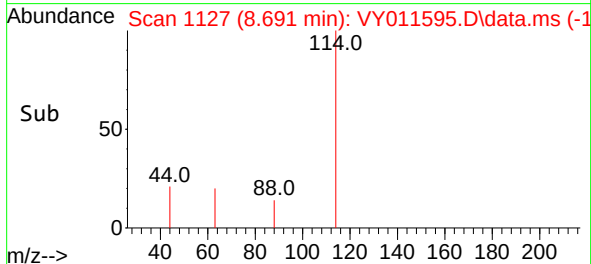
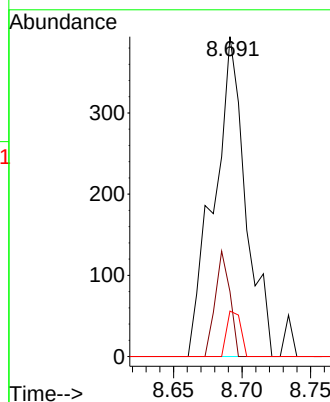
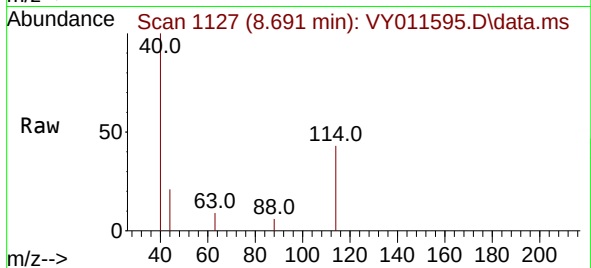
Instrument :

MSVOA_Y

ClientSampleId :

CR-4RE

Tgt Ion:114	Resp:	635
Ion	Ratio	Lower Upper
114	100	
63	20.3	0.0 43.2
88	14.2	0.0 31.8



#35

Dibromofluoromethane

Concen: 47.838 ug/l

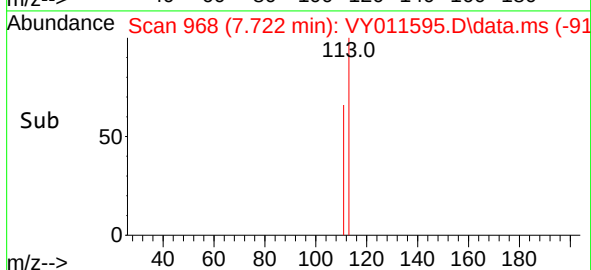
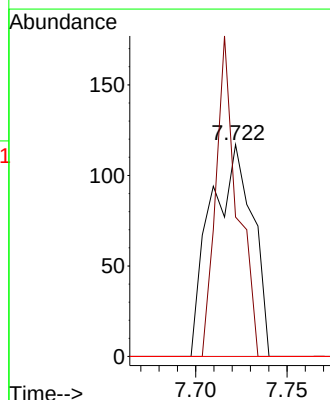
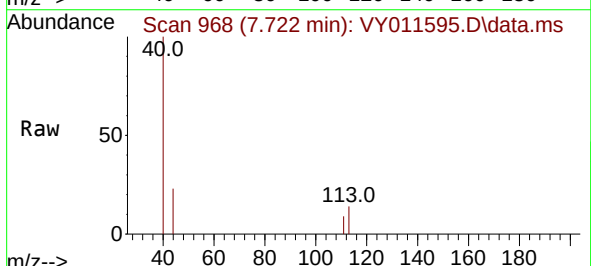
RT: 7.722 min Scan# 968

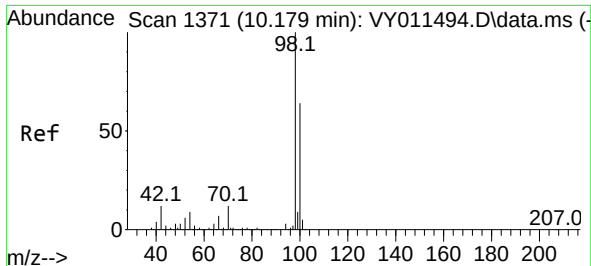
Delta R.T. -0.000 min

Lab File: VY011595.D

Acq: 28 Nov 2022 12:02

Tgt Ion:113	Resp:	187
Ion	Ratio	Lower Upper
113	100	
111	77.0	82.6 124.0#
192	0.0	17.6 26.4#

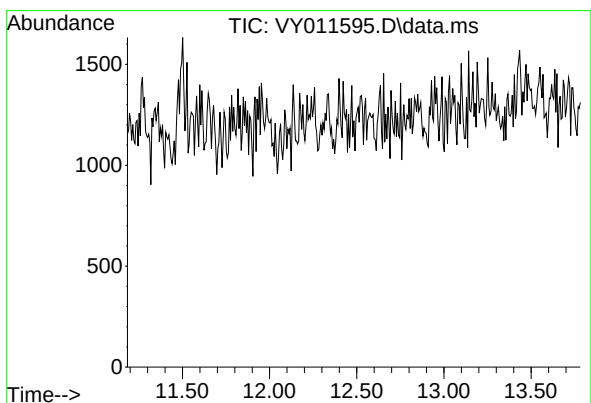
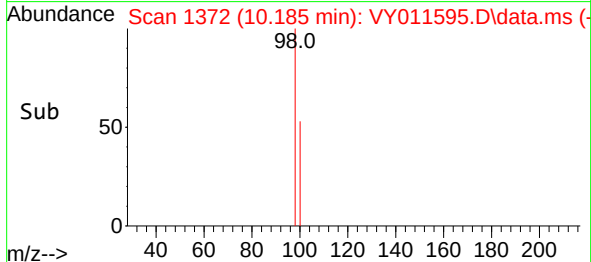
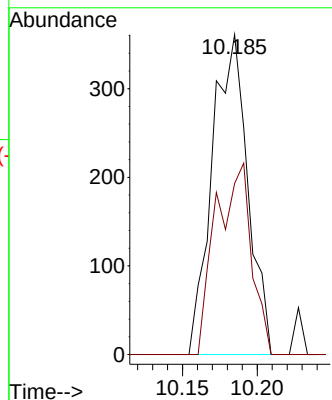
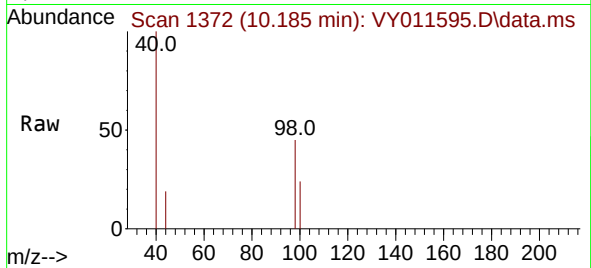




#50
Toluene-d8
Concen: 42.027 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
CR-4RE

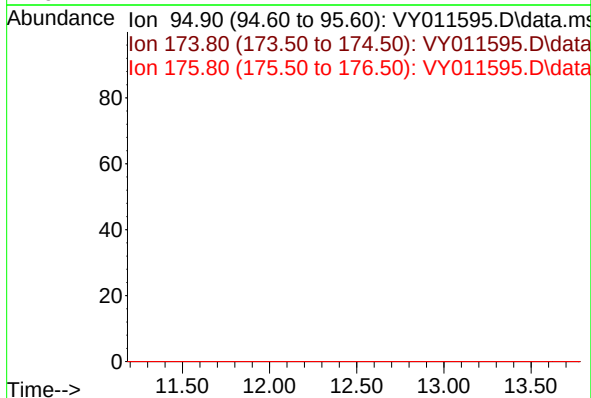
Tgt Ion: 98 Resp: 597
Ion Ratio Lower Upper
98 100
100 59.6 50.2 75.2

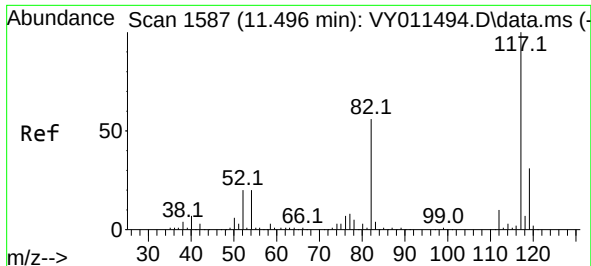


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.48 min

Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

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

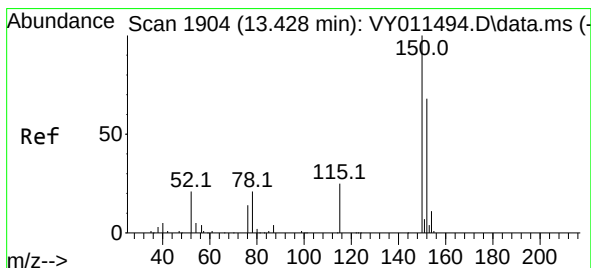
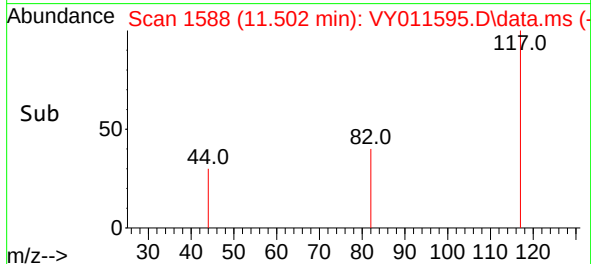
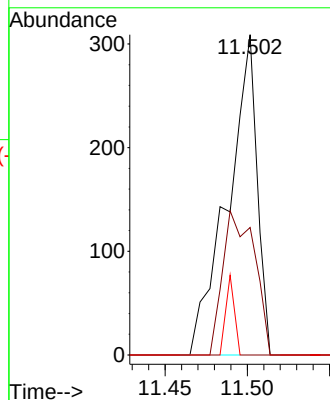
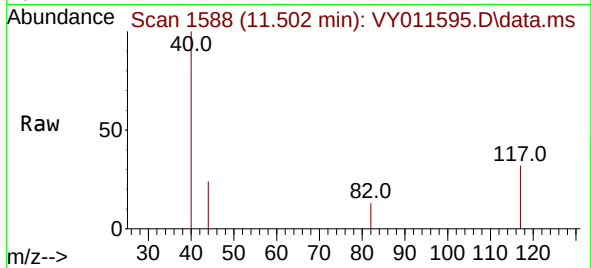




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.502 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

Instrument :
MSVOA_Y
ClientSampleId :
CR-4RE

Tgt Ion:117 Resp: 386
Ion Ratio Lower Upper
117 100
82 39.8 43.0 64.4#
119 0.0 25.4 38.0#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.428 min Scan# 1904
Delta R.T. 0.000 min
Lab File: VY011595.D
Acq: 28 Nov 2022 12:02

Tgt Ion:152 Resp: 60
Ion Ratio Lower Upper
152 100
115 0.0 28.2 84.7#
150 261.7 0.0 347.6

