

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101022\
 Data File : VY010893.D
 Acq On : 10 Oct 2022 16:19
 Operator : KP/MD
 Sample : N5046-10RE
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-10RE

Quant Time: Oct 11 09:45:09 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

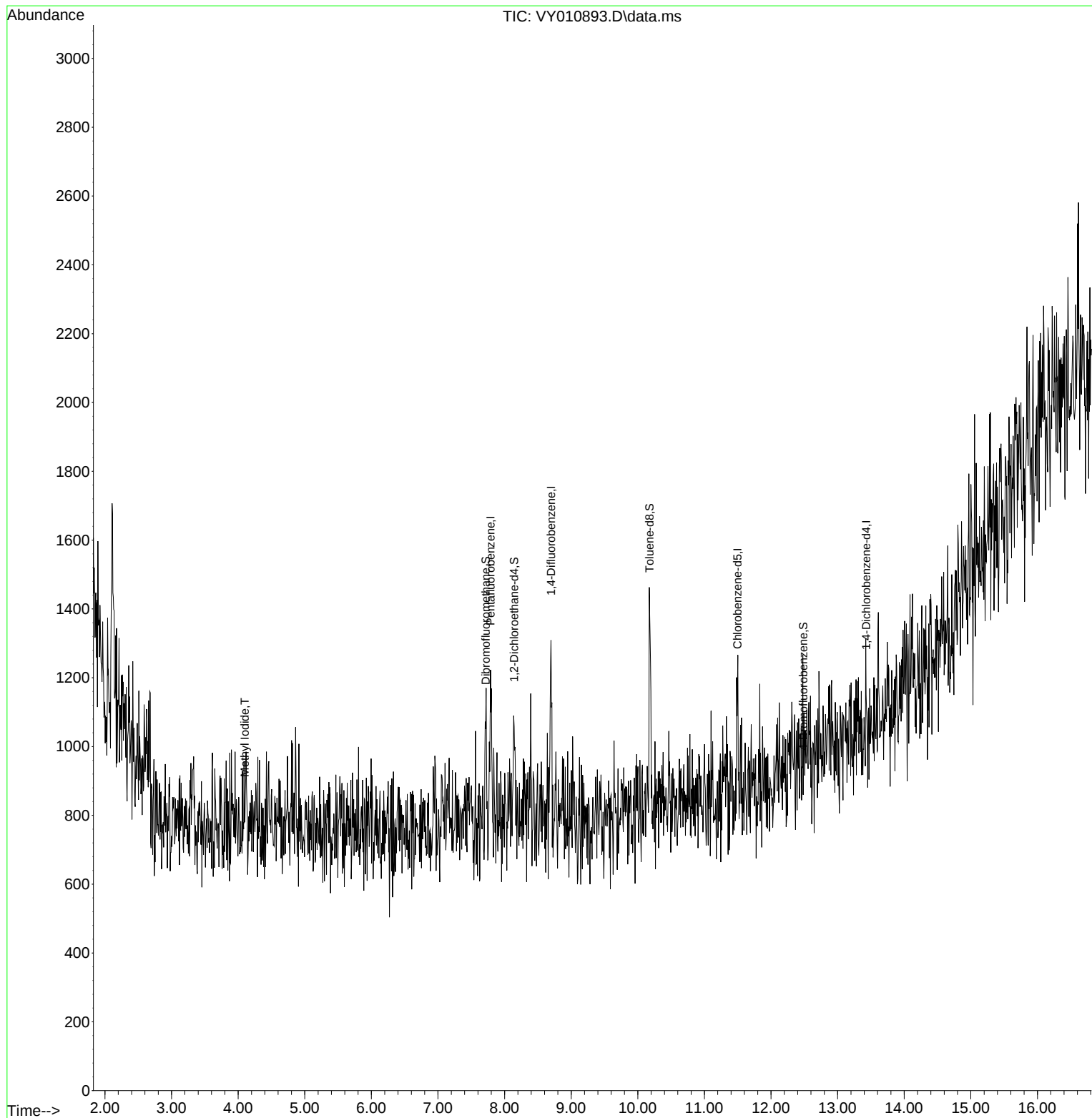
Internal Standards						
1) Pentafluorobenzene	7.789	168	492	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.697	114	759	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	350	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	78	50.000	ug/l	# 0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	232	46.521	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.040%
35) Dibromofluoromethane	7.716	113	191	37.910	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	75.820%
50) Toluene-d8	10.179	98	598	34.706	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	69.420%
62) 4-Bromofluorobenzene	12.483	95	61	5.810	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	11.620%#
Target Compounds						
					Qvalue	
10) Methyl Iodide	4.101	142	136	21.345	ug/l #	35

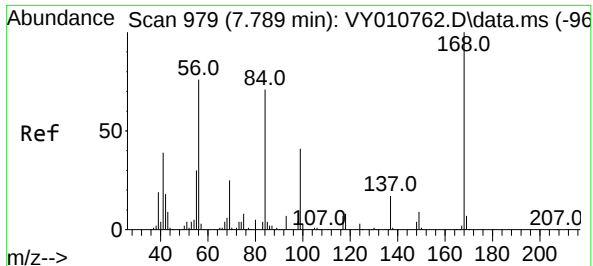
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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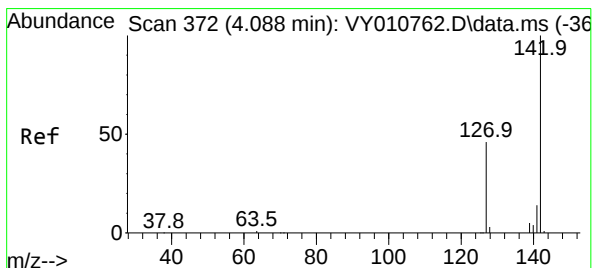
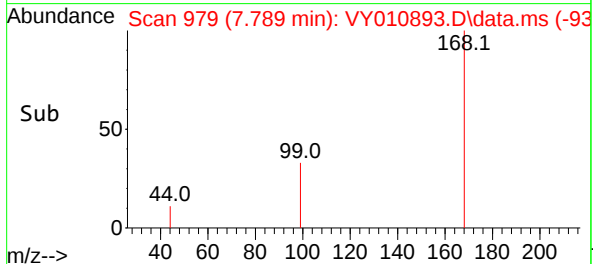
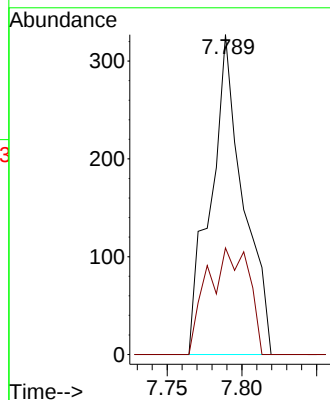
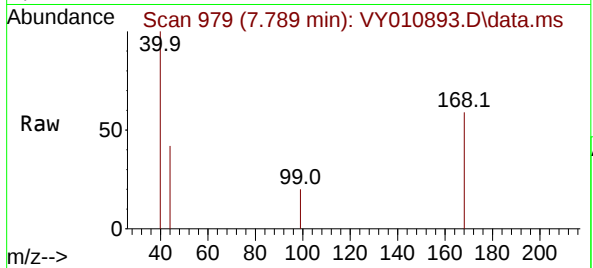




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

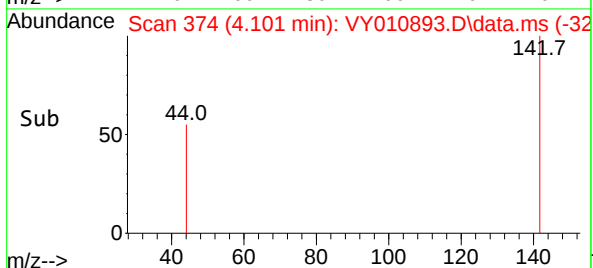
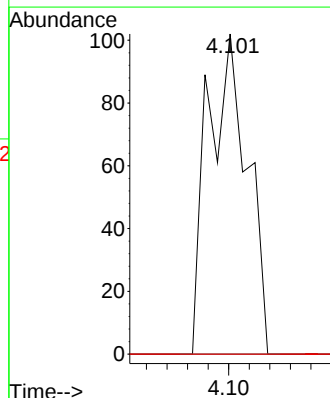
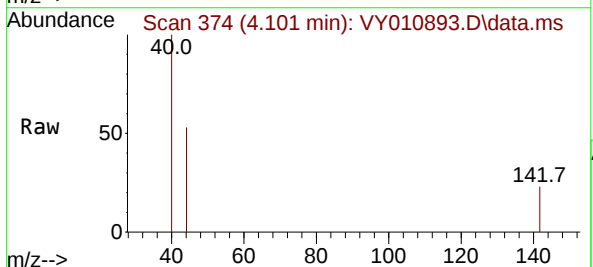
Instrument :
MSVOA_Y
ClientSampleId :
R-10RE

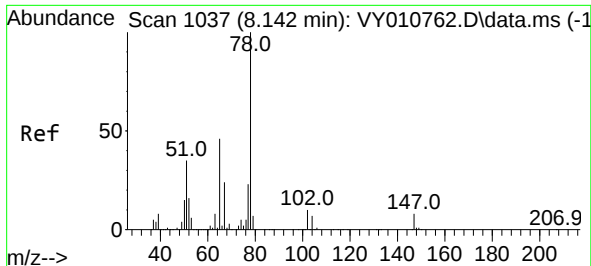
Tgt Ion:168 Resp: 492
Ion Ratio Lower Upper
168 100
99 33.3 46.9 70.3#



#10
Methyl Iodide
Concen: 21.345 ug/l
RT: 4.101 min Scan# 374
Delta R.T. 0.013 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

Tgt Ion:142 Resp: 136
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: 46.521 ug/l

RT: 8.143 min Scan# 110

Delta R.T. 0.001 min

Lab File: VY010893.D

Acq: 10 Oct 2022 16:19

Instrument :

MSVOA_Y

ClientSampleId :

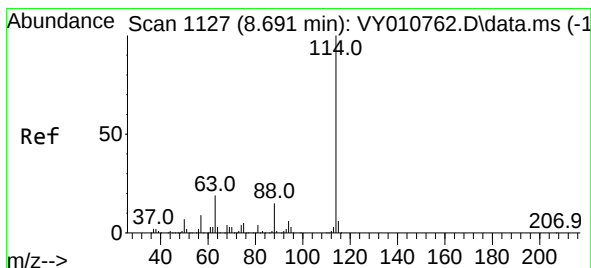
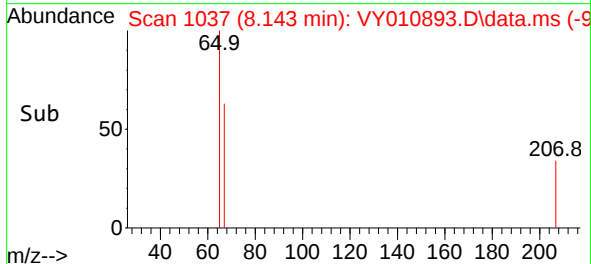
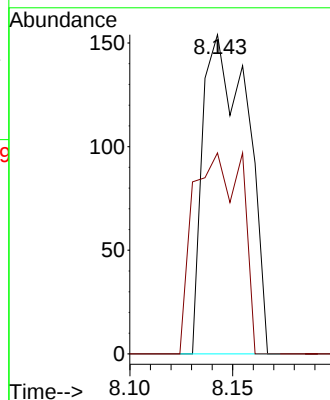
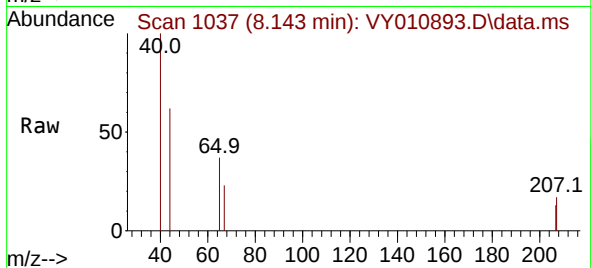
R-10RE

Tgt Ion: 65 Resp: 232

Ion Ratio Lower Upper

65 100

67 68.5 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.697 min Scan# 1128

Delta R.T. 0.006 min

Lab File: VY010893.D

Acq: 10 Oct 2022 16:19

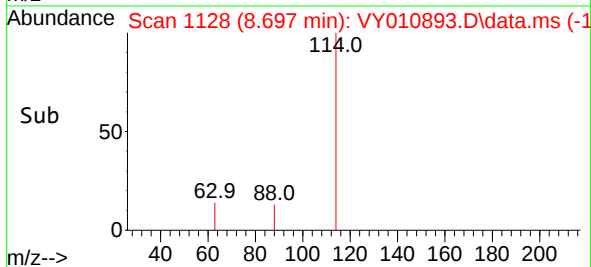
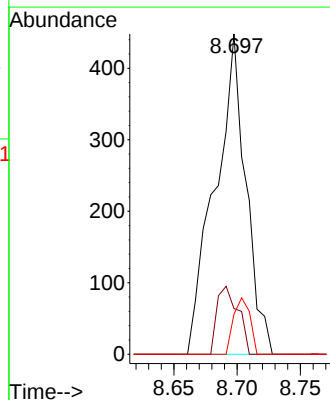
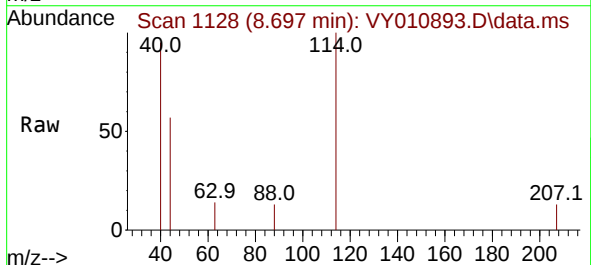
Tgt Ion: 114 Resp: 759

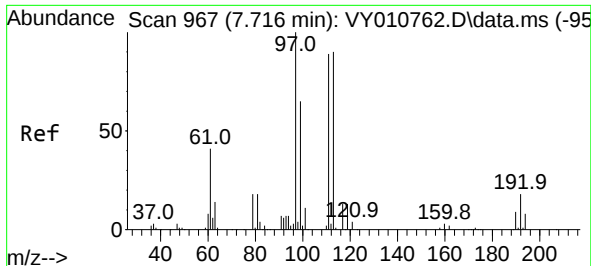
Ion Ratio Lower Upper

114 100

63 14.3 0.0 43.2

88 12.5 0.0 31.8

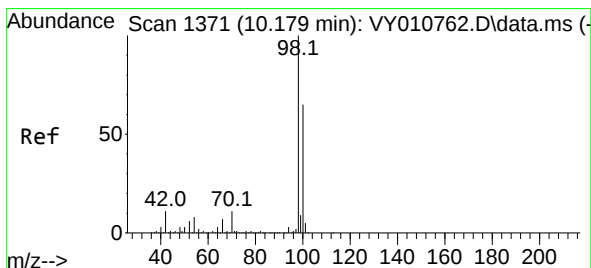
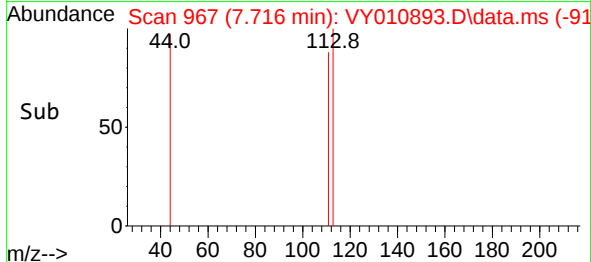
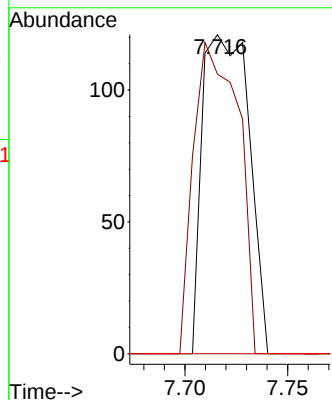
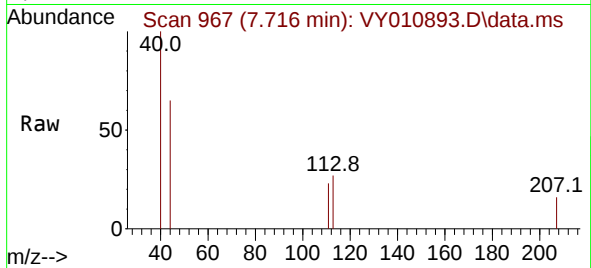




#35
Dibromofluoromethane
Concen: 37.910 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

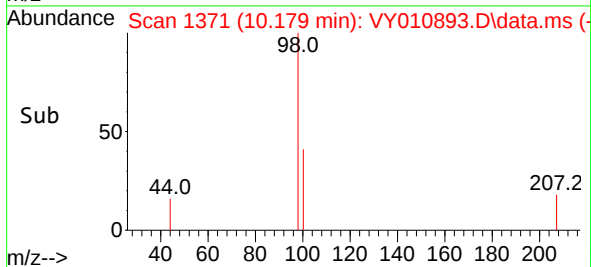
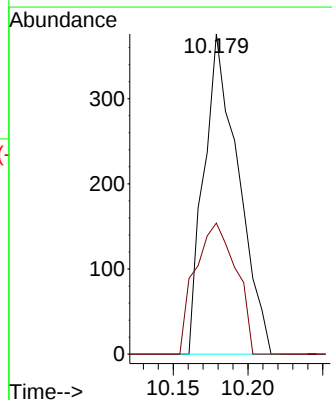
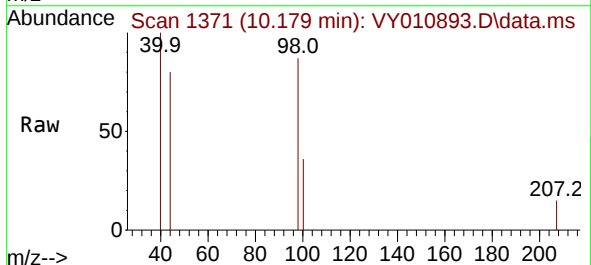
Instrument :
MSVOA_Y
ClientSampleId :
R-10RE

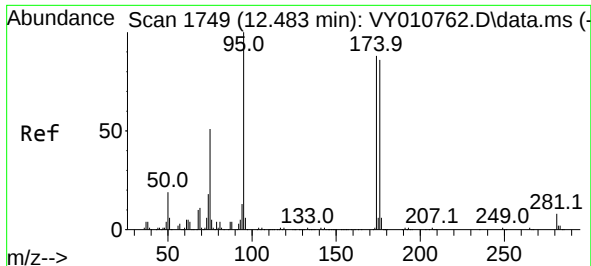
Tgt Ion:113 Resp: 191
Ion Ratio Lower Upper
113 100
111 94.2 82.6 124.0
192 0.0 17.6 26.4#



#50
Toluene-d8
Concen: 34.706 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

Tgt Ion: 98 Resp: 598
Ion Ratio Lower Upper
98 100
100 49.0 50.2 75.2#

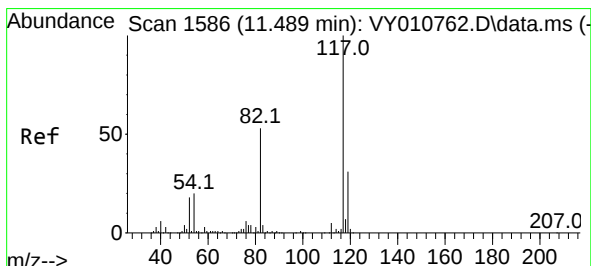
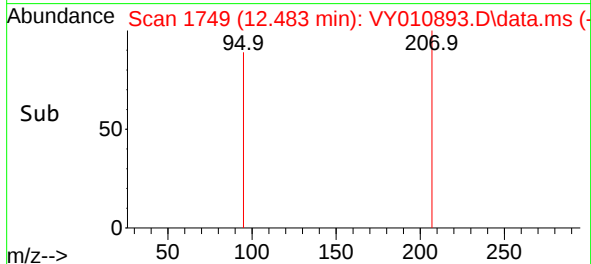
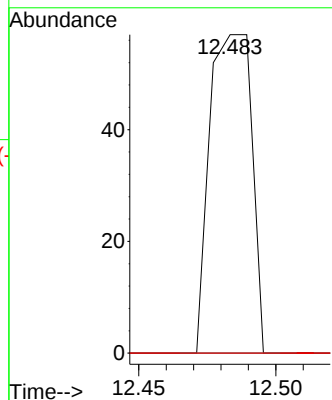
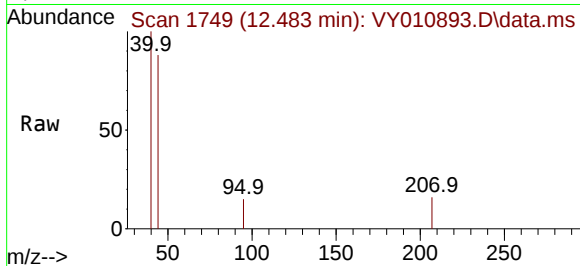




#62
4-Bromofluorobenzene
Concen: 5.810 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

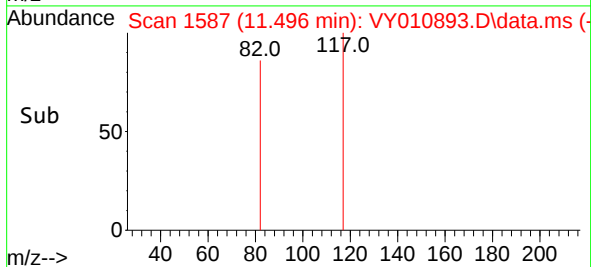
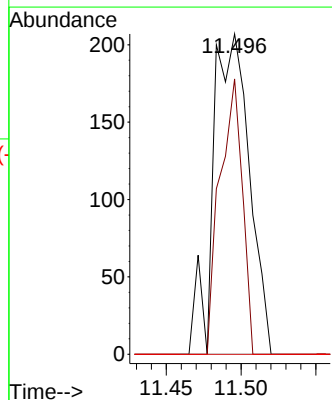
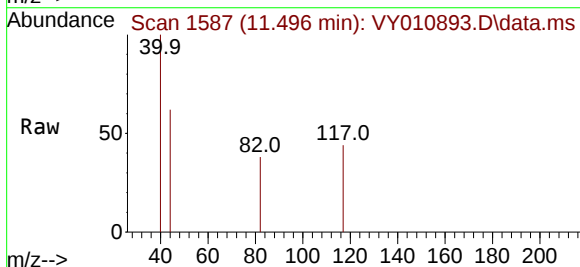
Instrument :
MSVOA_Y
ClientSampleId :
R-10RE

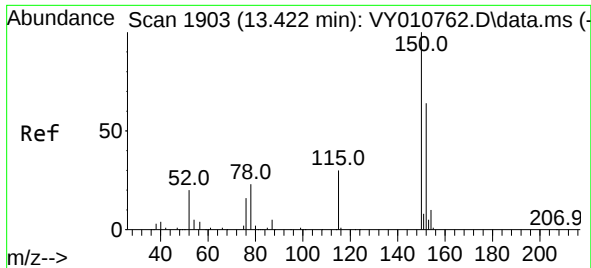
Tgt Ion: 95 Resp: 61
Ion Ratio Lower Upper
95 100
174 0.0 0.0 177.0
176 0.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 1587
Delta R.T. 0.007 min
Lab File: VY010893.D
Acq: 10 Oct 2022 16:19

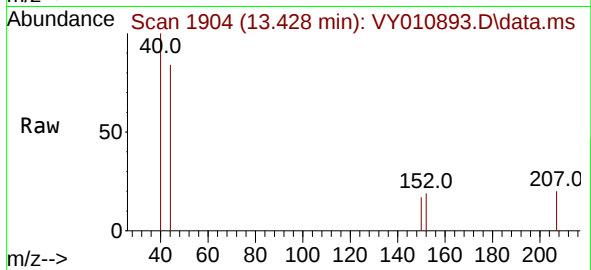
Tgt Ion: 117 Resp: 350
Ion Ratio Lower Upper
117 100
82 86.0 43.0 64.4#
119 0.0 25.4 38.0#





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.006 min
 Lab File: VY010893.D
 Acq: 10 Oct 2022 16:19

Instrument :
 MSVOA_Y
 ClientSampleId :
 R-10RE



Tgt Ion	Ratio	Lower	Upper
152	100		
115	0.0	28.2	84.7#
150	132.1	0.0	347.6

