

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092222\
 Data File : VY010631.D
 Acq On : 22 Sep 2022 18:36
 Operator : KP/MD
 Sample : N4712-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922RE

Quant Time: Sep 23 09:04:48 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

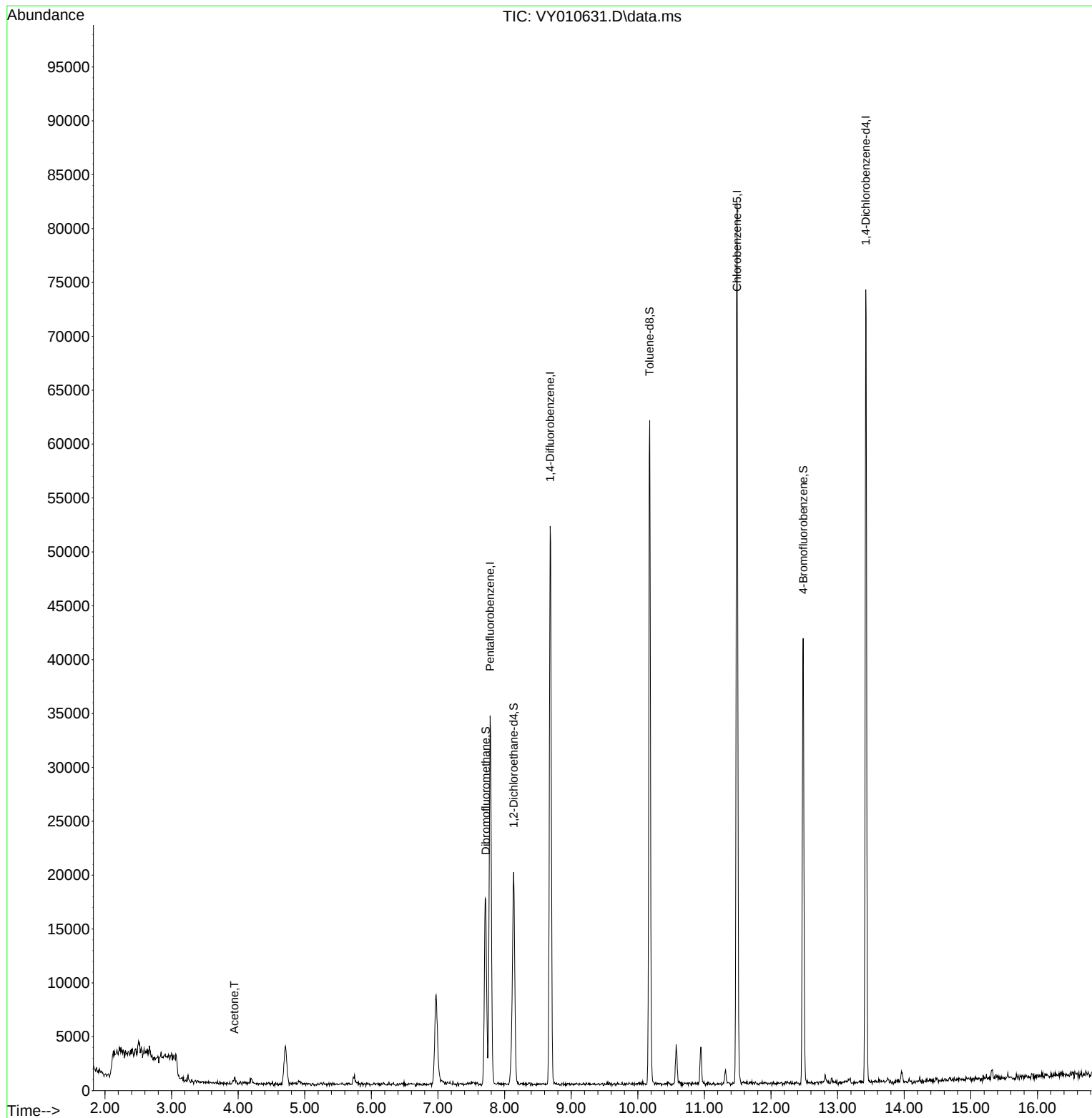
Internal Standards						
1) Pentafluorobenzene	7.783	168	26689	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	45662	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	45228	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	19143	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	14032	54.968	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.940%
35) Dibromofluoromethane	7.716	113	12568	43.127	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	86.260%
50) Toluene-d8	10.179	98	41892	39.590	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	79.180%
62) 4-Bromofluorobenzene	12.483	95	12238	29.511	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	59.020%
Target Compounds						
16) Acetone	3.942	43	808	15.521	ug/l	Qvalue 94

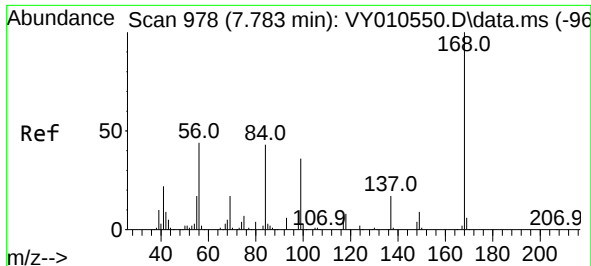
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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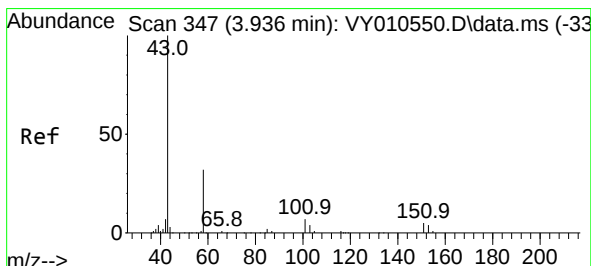
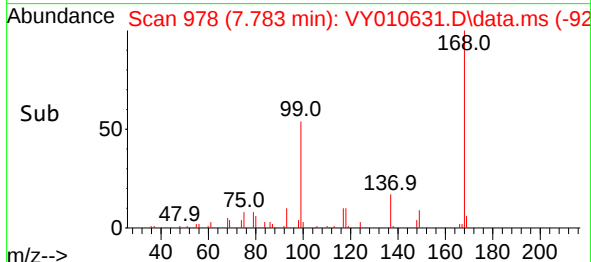
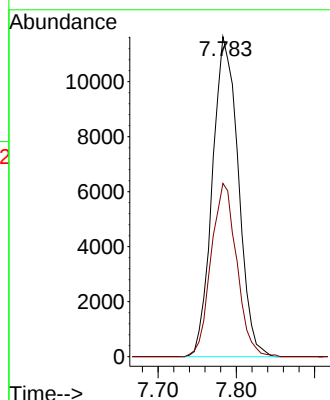
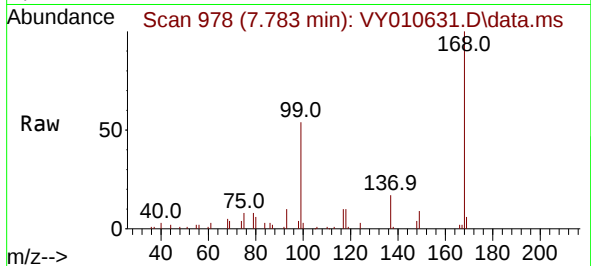




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

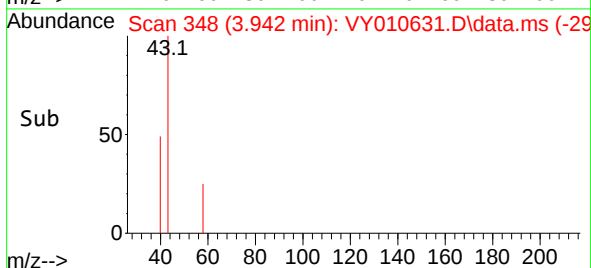
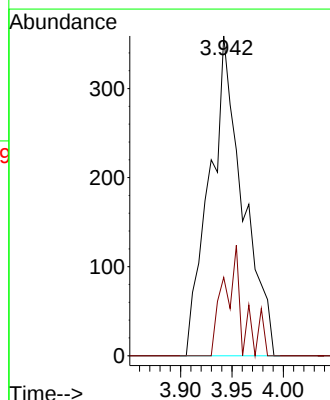
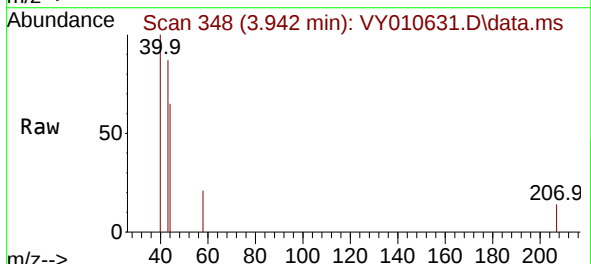
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

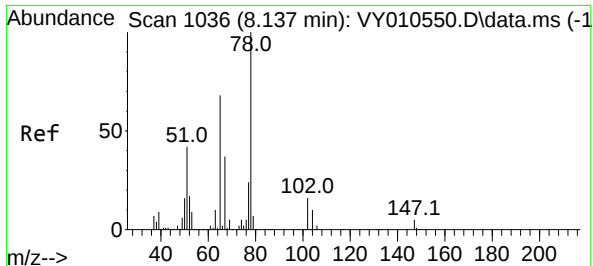
Tgt Ion:168 Resp: 26689
Ion Ratio Lower Upper
168 100
99 54.1 46.9 70.3



#16
Acetone
Concen: 15.521 ug/l
RT: 3.942 min Scan# 348
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

Tgt Ion: 43 Resp: 808
Ion Ratio Lower Upper
43 100
58 24.5 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 54.968 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010631.D

Acq: 22 Sep 2022 18:36

Instrument :

MSVOA_Y

ClientSampleId :

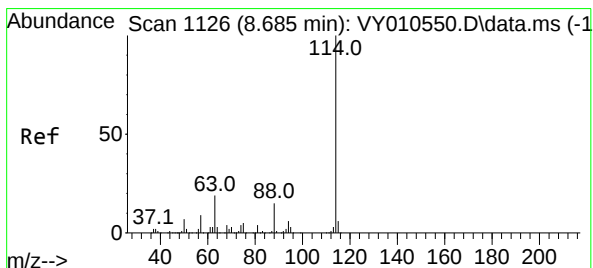
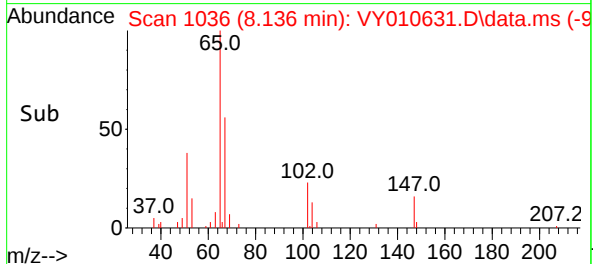
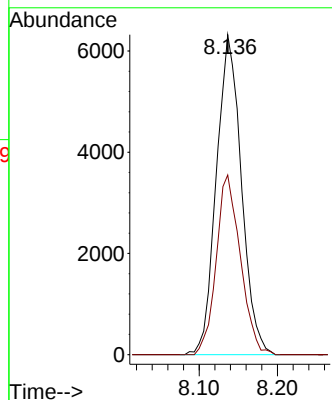
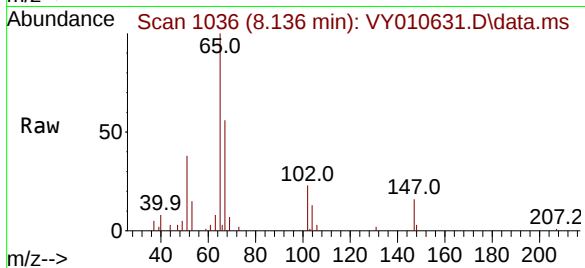
HR-01-091922RE

Tgt Ion: 65 Resp: 14032

Ion Ratio Lower Upper

65 100

67 54.2 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.000 min

Lab File: VY010631.D

Acq: 22 Sep 2022 18:36

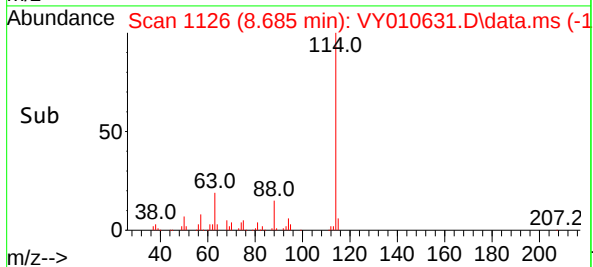
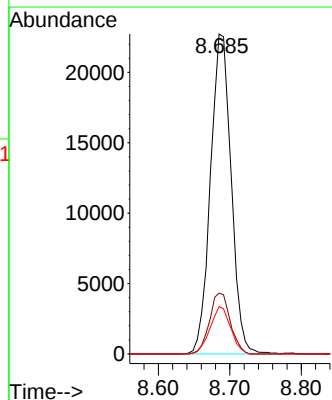
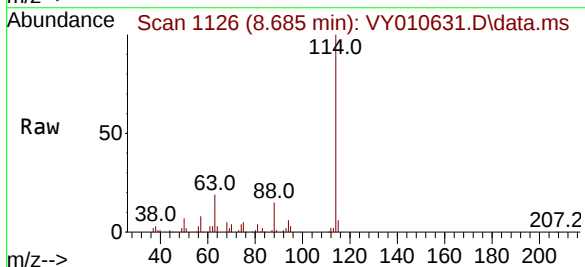
Tgt Ion: 114 Resp: 45662

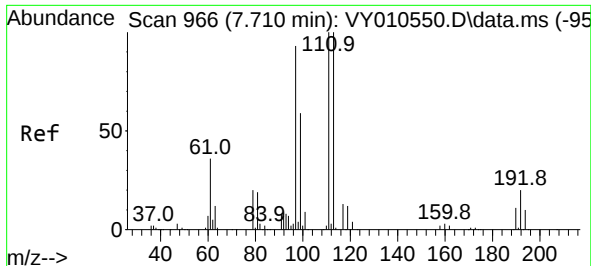
Ion Ratio Lower Upper

114 100

63 19.0 0.0 43.2

88 14.8 0.0 31.8

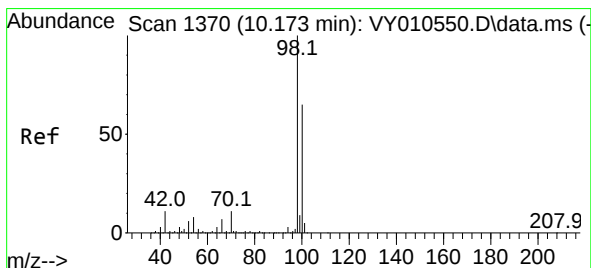
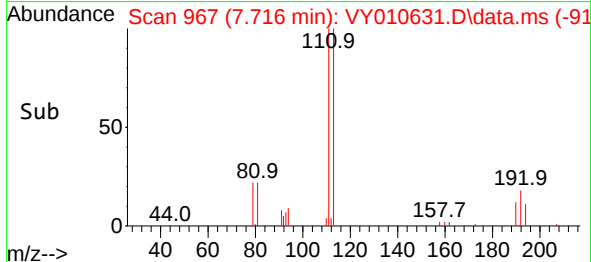
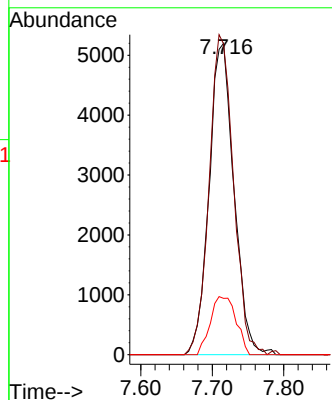
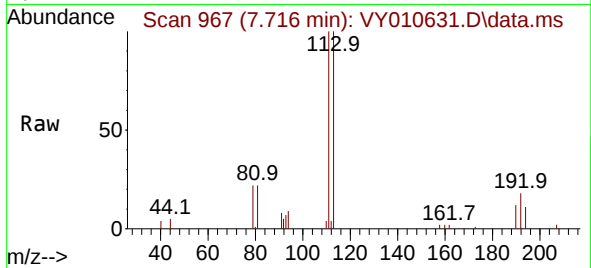




#35
 Dibromofluoromethane
 Concen: 43.127 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

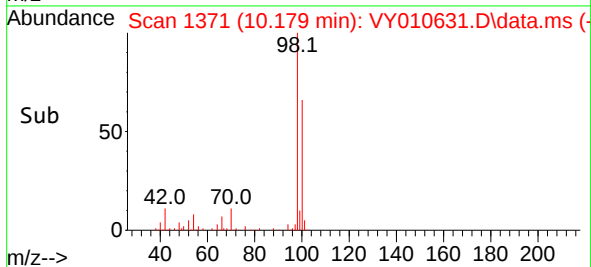
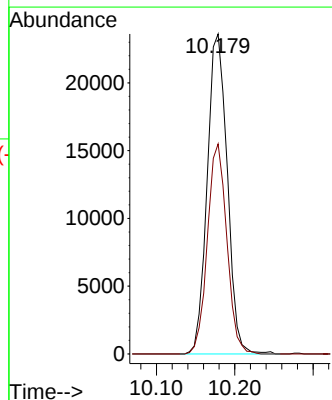
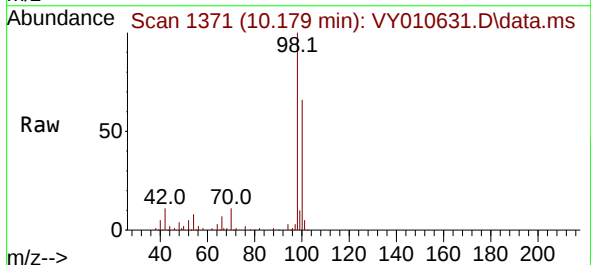
Instrument :
 MSVOA_Y
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 HR-01-091922RE

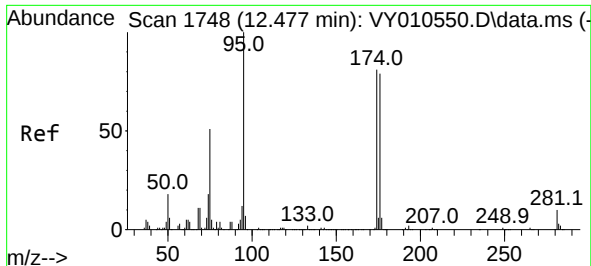
Tgt Ion:	113	Resp:	12568
Ion	Ratio	Lower	Upper
113	100		
111	100.6	82.6	124.0
192	19.2	17.6	26.4



#50
 Toluene-d8
 Concen: 39.590 ug/l
 RT: 10.179 min Scan# 1371
 Delta R.T. 0.006 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

Tgt Ion:	98	Resp:	41892
Ion	Ratio	Lower	Upper
98	100		
100	63.7	50.2	75.2

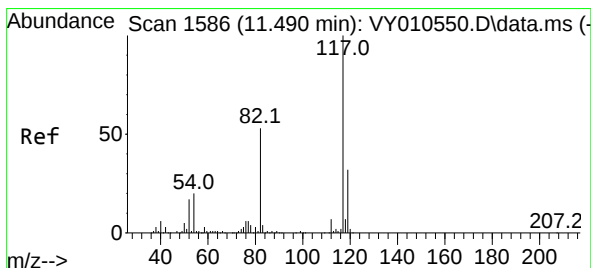
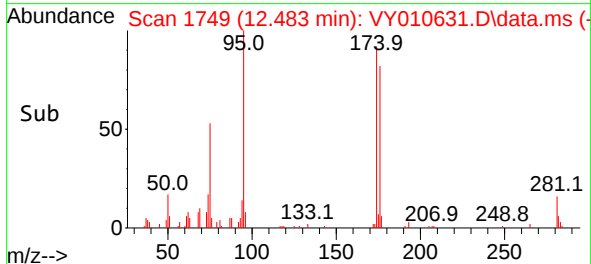
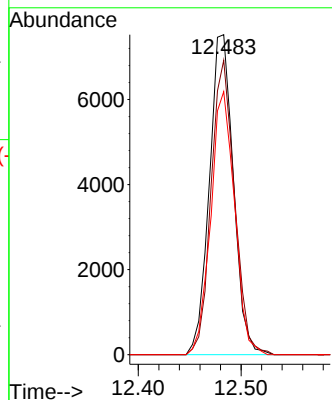
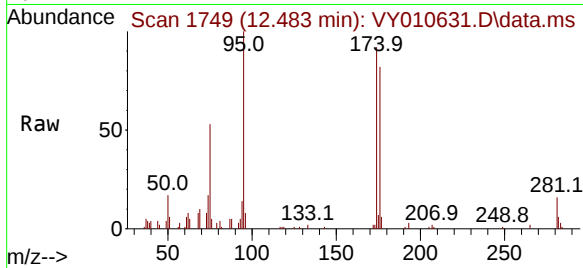




#62
4-Bromofluorobenzene
Concen: 29.511 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

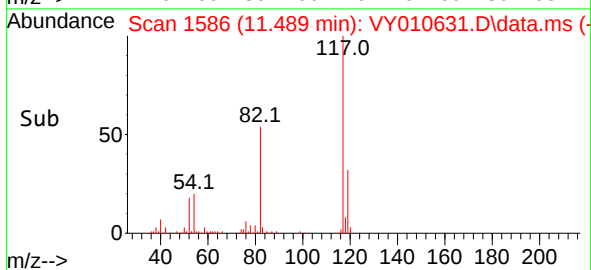
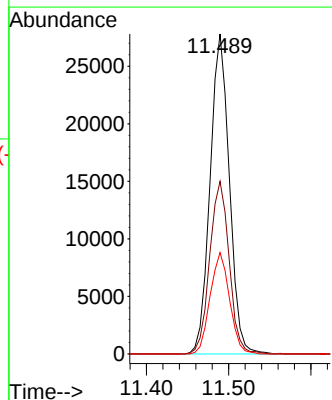
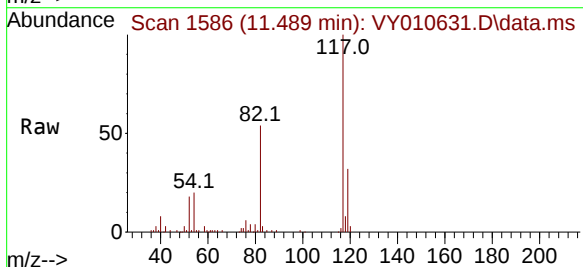
Instrument :
MSVOA_Y
ClientSampleId :
HR-01-091922RE

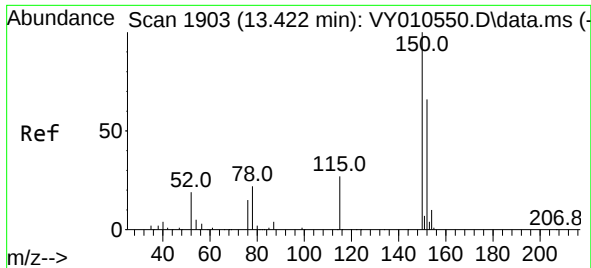
Tgt Ion:	95	Resp:	12238
Ion	Ratio	Lower	Upper
95	100		
174	89.3	0.0	177.0
176	81.6	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010631.D
Acq: 22 Sep 2022 18:36

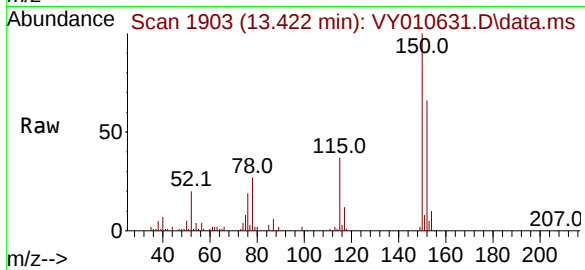
Tgt Ion:	117	Resp:	45228
Ion	Ratio	Lower	Upper
117	100		
82	54.0	43.0	64.4
119	31.7	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010631.D
 Acq: 22 Sep 2022 18:36

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-01-091922RE



Tgt Ion:152 Resp: 19143
 Ion Ratio Lower Upper
 152 100
 115 57.0 28.2 84.7
 150 157.1 0.0 347.6

