

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010596.D
 Acq On : 21 Sep 2022 13:38
 Operator : KP/MD
 Sample : N4664-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-091522RE

Quant Time: Sep 21 15:36:02 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)

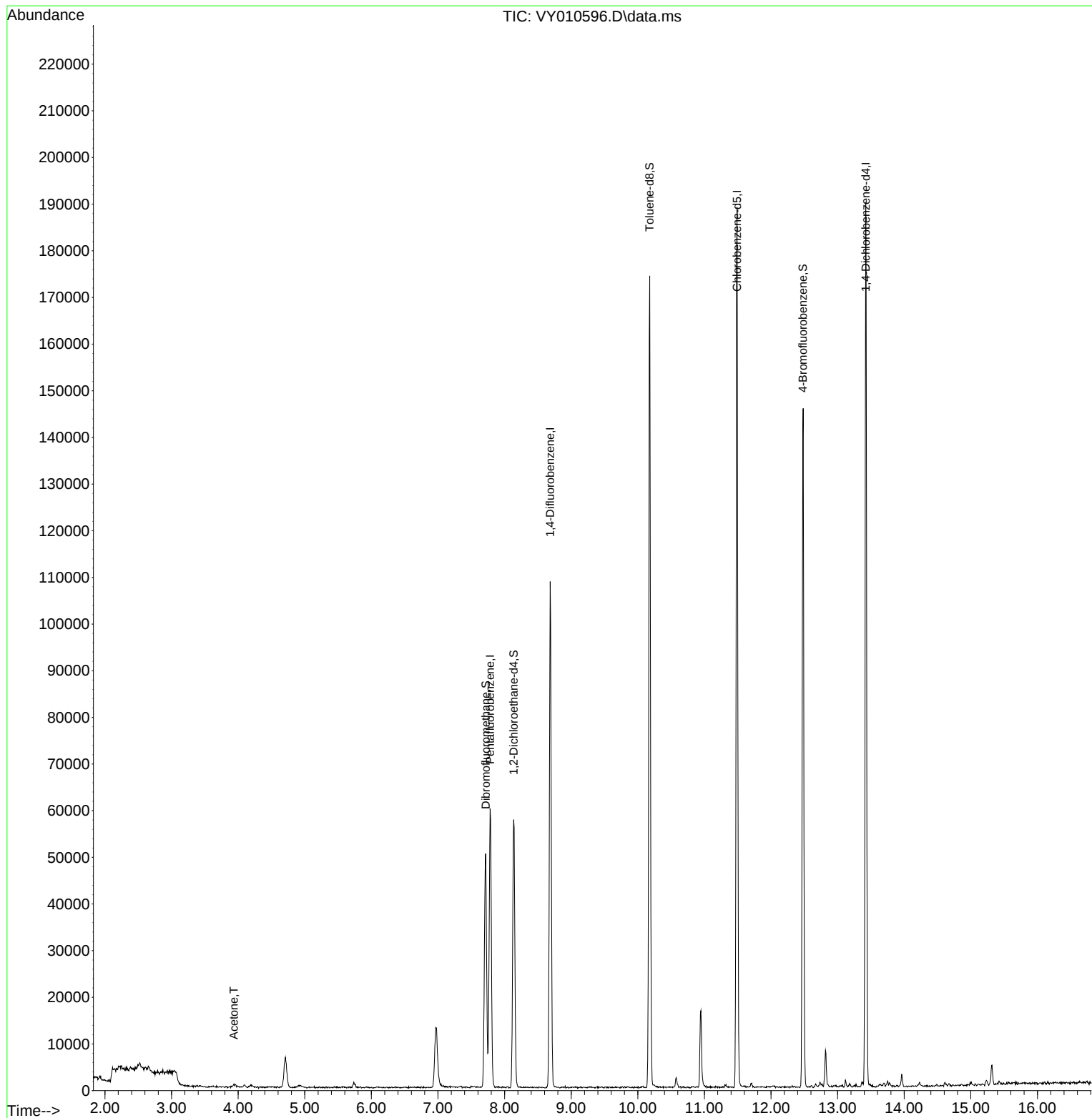
Internal Standards						
1) Pentafluorobenzene	7.783	168	47634	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91880	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	105190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	48477	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	45101	98.991	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	=	197.980%	#
35) Dibromofluoromethane	7.716	113	34654	59.098	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	=	118.200%	
50) Toluene-d8	10.179	98	114266	52.557	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	=	105.120%	
62) 4-Bromofluorobenzene	12.477	95	44307	55.380	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	=	110.760%	
Target Compounds						
16) Acetone	3.936	43	1176	12.657	ug/l	Qvalue 95

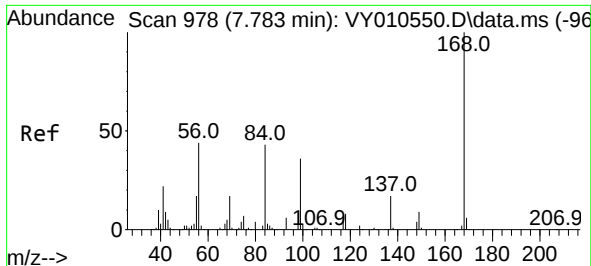
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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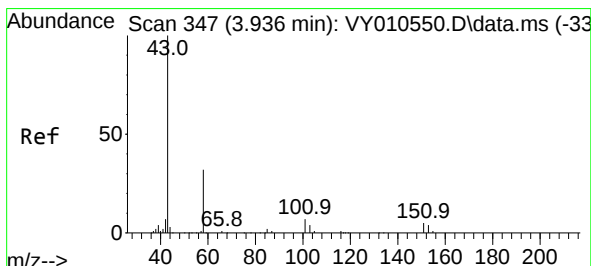
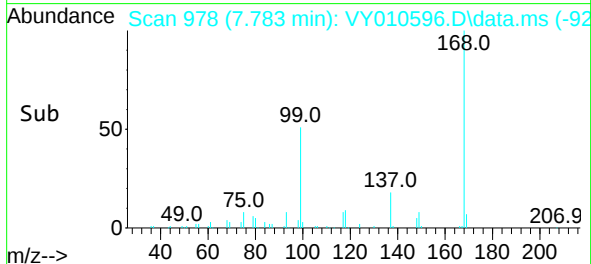
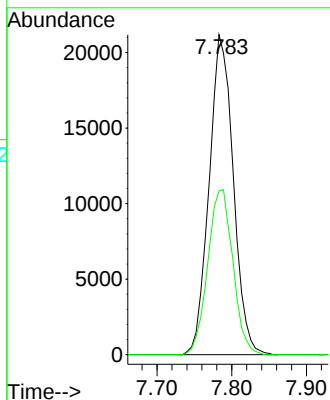
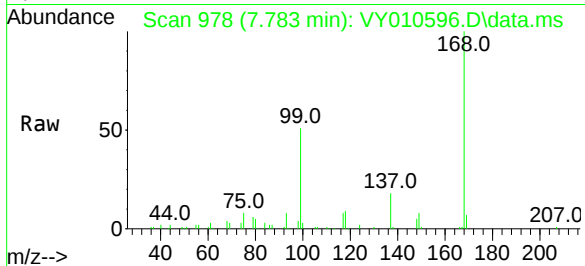




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010596.D
Acq: 21 Sep 2022 13:38

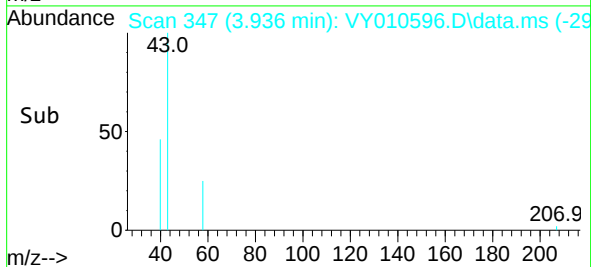
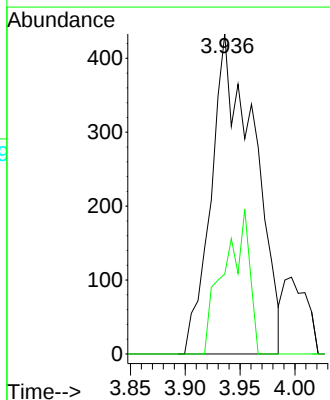
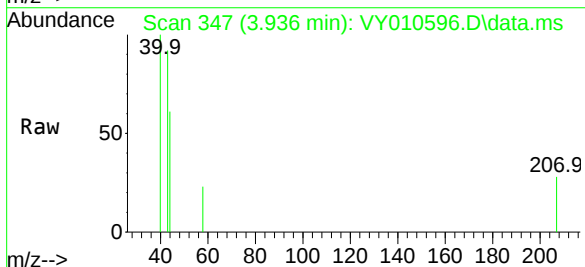
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091522RE

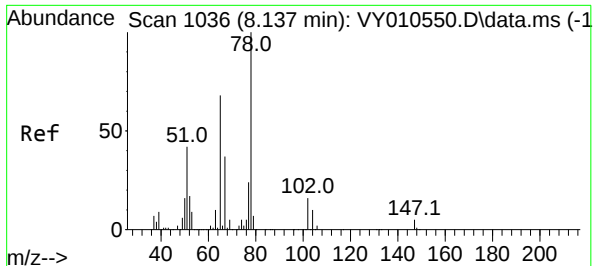
Tgt Ion:168 Resp: 47634
Ion Ratio Lower Upper
168 100
99 51.2 46.9 70.3



#16
Acetone
Concen: 12.657 ug/l
RT: 3.936 min Scan# 347
Delta R.T. -0.000 min
Lab File: VY010596.D
Acq: 21 Sep 2022 13:38

Tgt Ion: 43 Resp: 1176
Ion Ratio Lower Upper
43 100
58 24.9 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 98.991 ug/l

RT: 8.136 min Scan# 1036

Delta R.T. -0.001 min

Lab File: VY010596.D

Acq: 21 Sep 2022 13:38

Instrument :

MSVOA_Y

ClientSampleId :

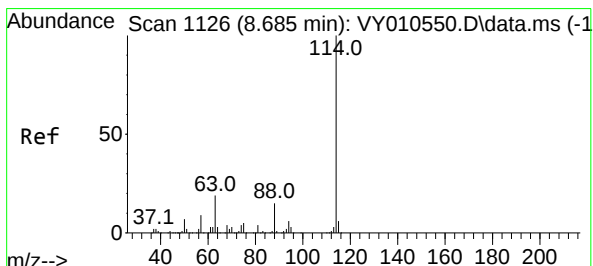
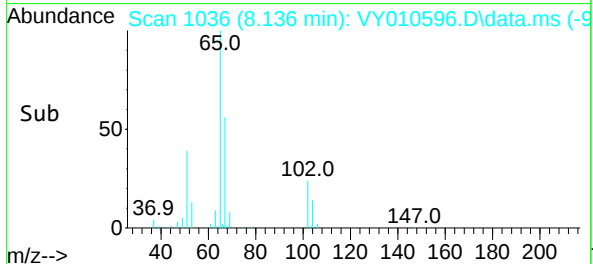
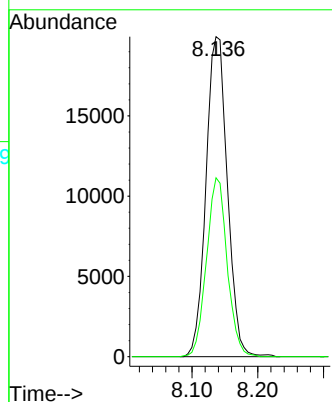
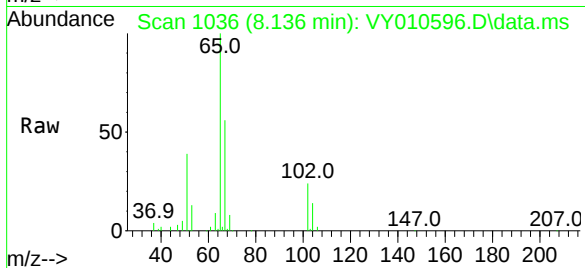
HR-02-091522RE

Tgt Ion: 65 Resp: 45101

Ion Ratio Lower Upper

65 100

67 54.0 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: VY010596.D

Acq: 21 Sep 2022 13:38

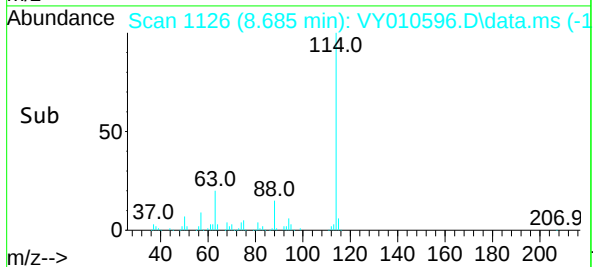
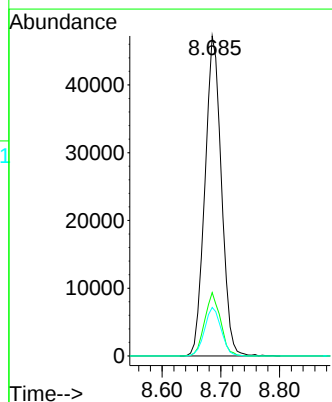
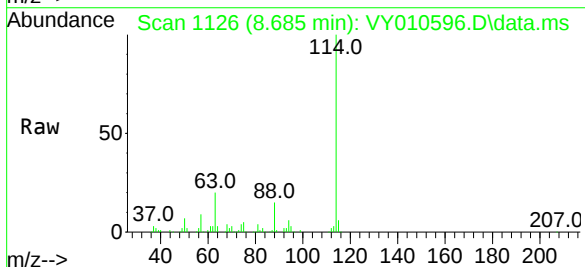
Tgt Ion: 114 Resp: 91880

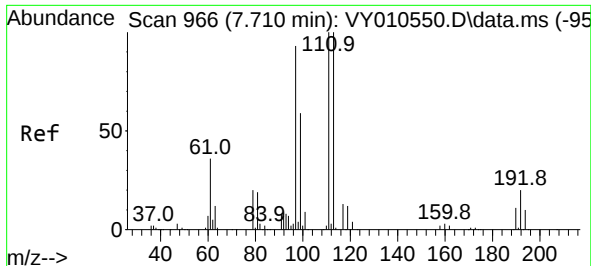
Ion Ratio Lower Upper

114 100

63 19.8 0.0 43.2

88 15.2 0.0 31.8





#35

Dibromofluoromethane

Concen: 59.098 ug/l

RT: 7.716 min Scan# 9

Delta R.T. 0.006 min

Lab File: VY010596.D

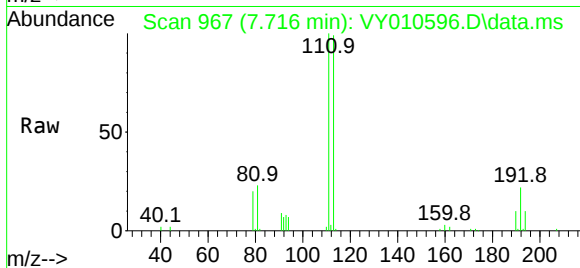
Acq: 21 Sep 2022 13:38

Instrument :

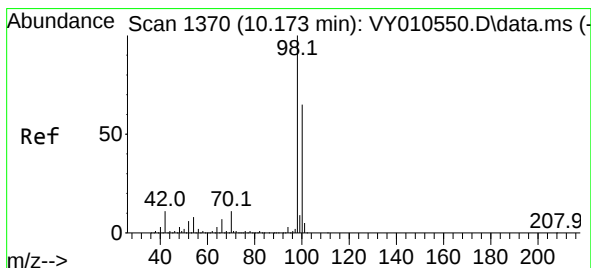
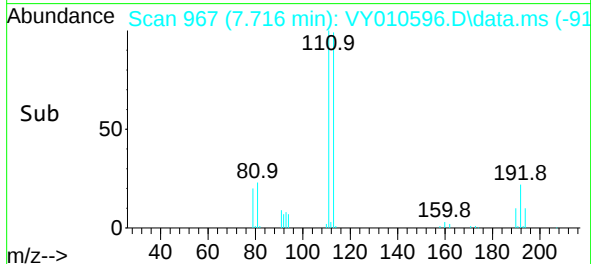
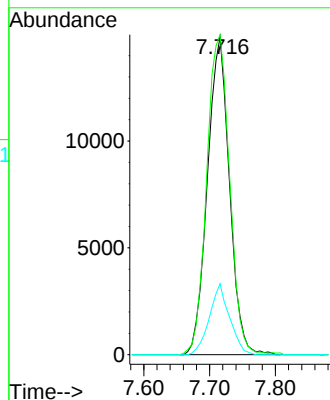
MSVOA_Y

ClientSampleId :

HR-02-091522RE



Tgt Ion:	113	Resp:	34654
Ion	Ratio	Lower	Upper
113	100		
111	104.8	82.6	124.0
192	20.5	17.6	26.4



#50

Toluene-d8

Concen: 52.557 ug/l

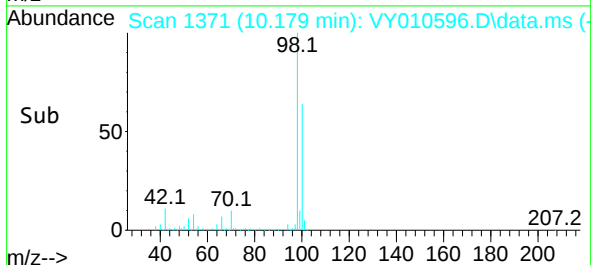
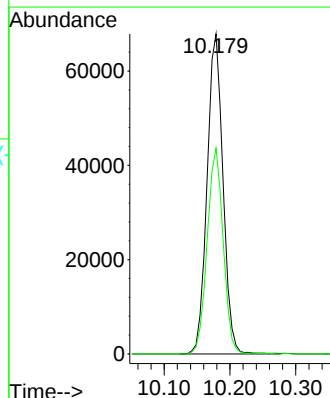
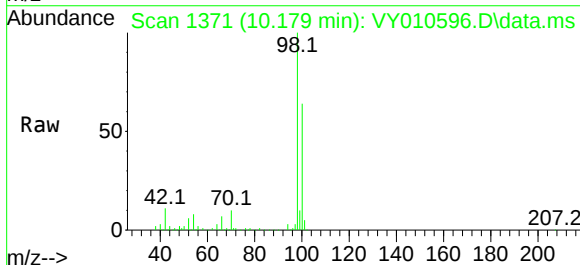
RT: 10.179 min Scan# 1371

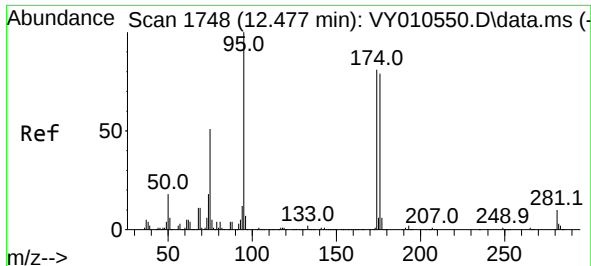
Delta R.T. 0.006 min

Lab File: VY010596.D

Acq: 21 Sep 2022 13:38

Tgt Ion:	98	Resp:	114266
Ion	Ratio	Lower	Upper
98	100		
100	64.6	50.2	75.2

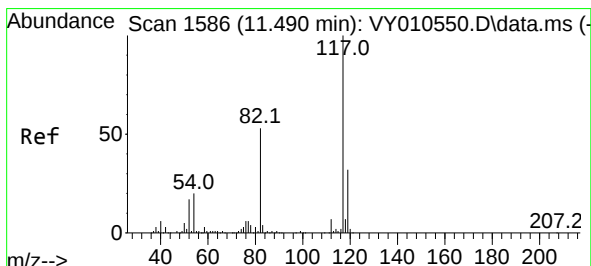
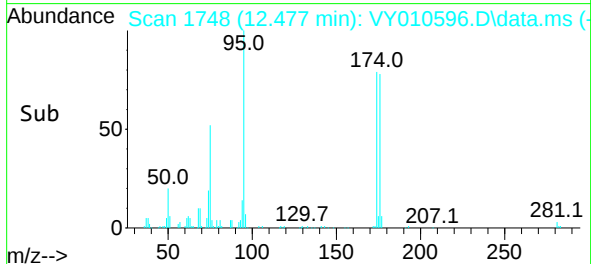
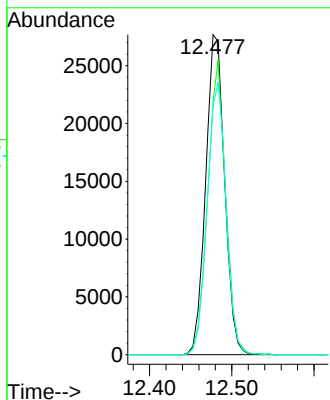
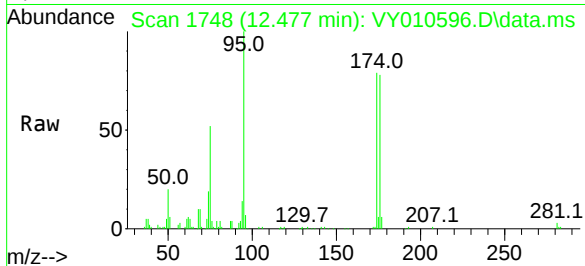




#62
4-Bromofluorobenzene
Concen: 55.380 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010596.D
Acq: 21 Sep 2022 13:38

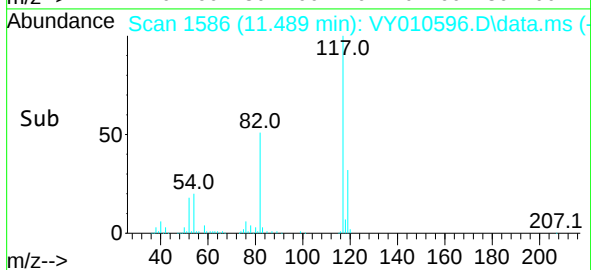
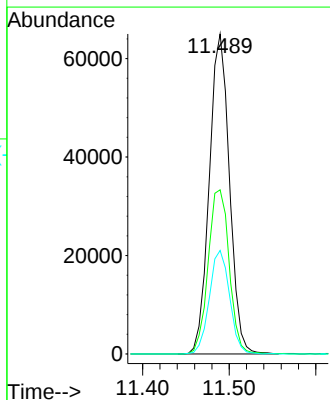
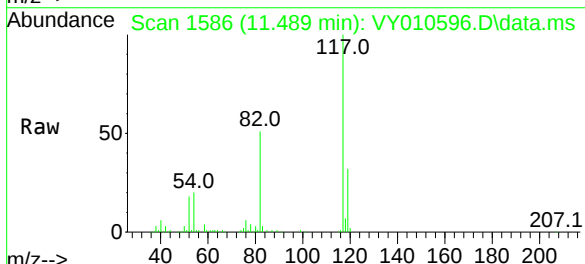
Instrument :
MSVOA_Y
ClientSampleId :
HR-02-091522RE

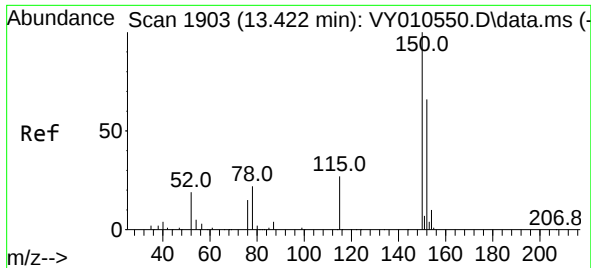
Tgt Ion: 95 Resp: 44307
Ion Ratio Lower Upper
95 100
174 87.3 0.0 177.0
176 84.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010596.D
Acq: 21 Sep 2022 13:38

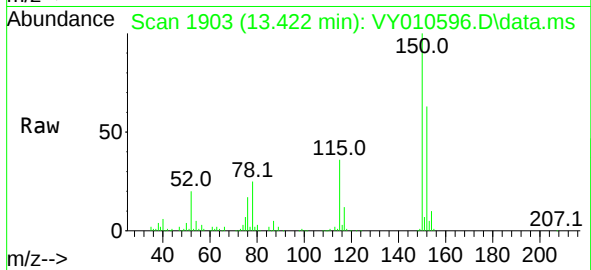
Tgt Ion: 117 Resp: 105190
Ion Ratio Lower Upper
117 100
82 51.3 43.0 64.4
119 32.4 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010596.D
 Acq: 21 Sep 2022 13:38

Instrument :
 MSVOA_Y
 ClientSampleId :
 HR-02-091522RE



Tgt Ion:152 Resp: 48477
 Ion Ratio Lower Upper
 152 100
 115 57.7 28.2 84.7
 150 158.1 0.0 347.6

