

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009084.D
 Acq On : 25 May 2022 12:59
 Operator : KP/MD
 Sample : N2981-12
 Misc : 3.95g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)

Quant Time: May 26 04:27:44 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

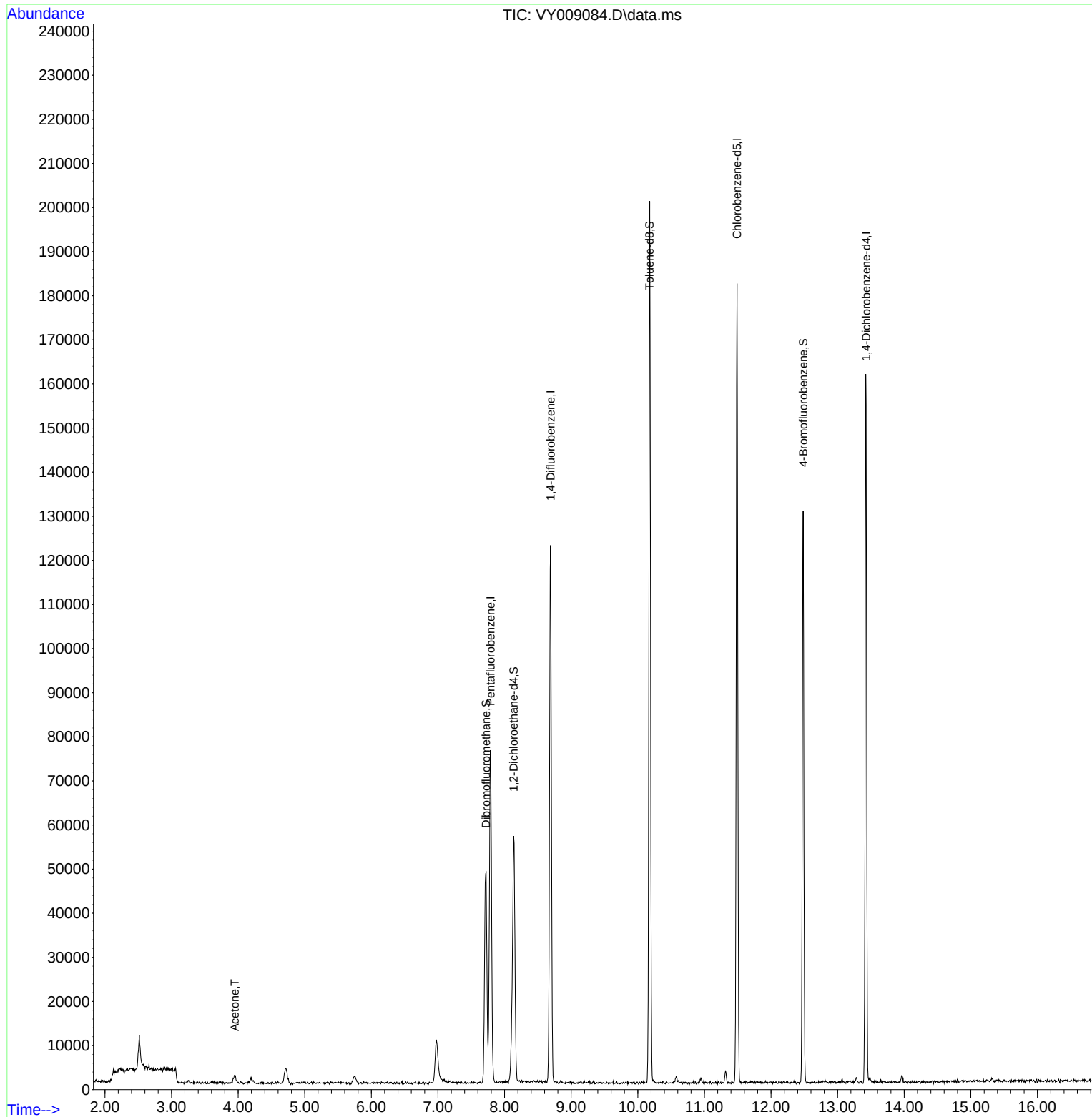
Internal Standards						
1) Pentafluorobenzene	7.789	168	57701	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	100700	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	93798	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	38988	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	37901	63.823	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.640%	
35) Dibromofluoromethane	7.722	113	34037	54.355	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 108.720%	
50) Toluene-d8	10.179	98	125814	54.462	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.920%	
62) 4-Bromofluorobenzene	12.483	95	33977	36.461	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 72.920%	
Target Compounds						
16) Acetone	3.948	43	2891	23.387	ug/l	Qvalue # 82

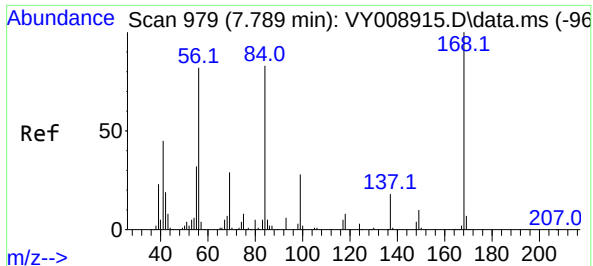
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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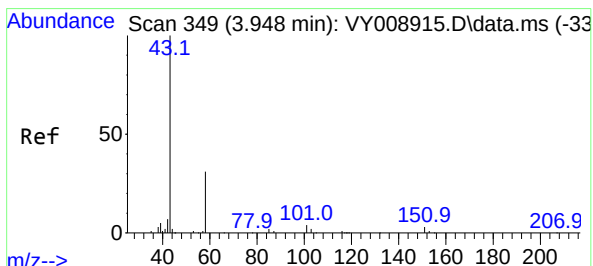
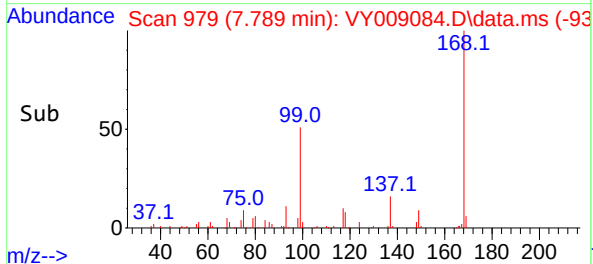
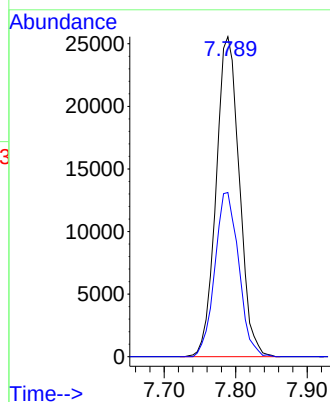
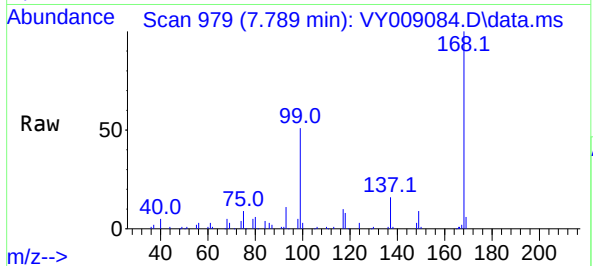




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

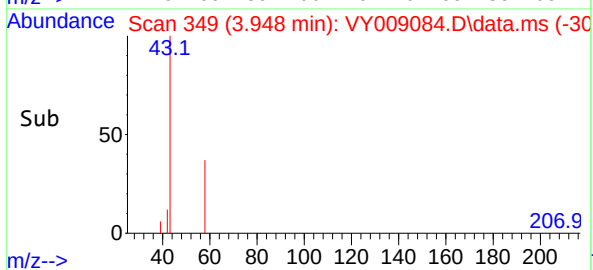
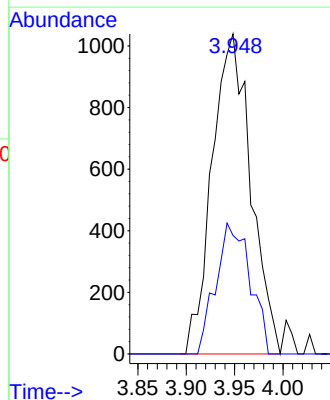
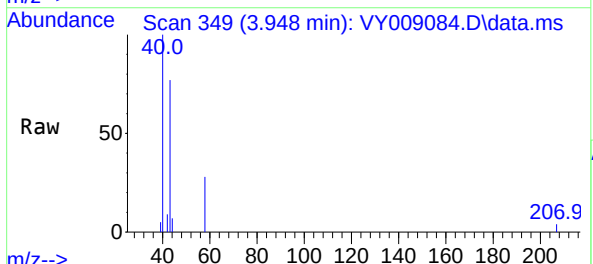
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

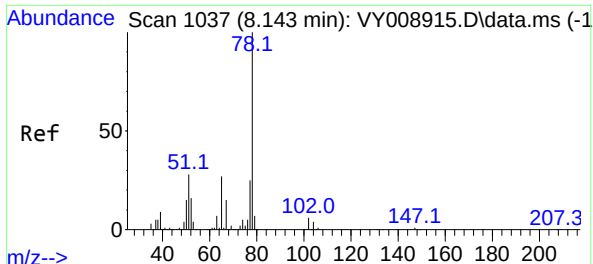
Tgt Ion:168 Resp: 57701
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#16
Acetone
Concen: 23.387 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 43 Resp: 2891
Ion Ratio Lower Upper
43 100
58 37.1 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 63.823 ug/l

RT: 8.137 min Scan# 1036

Delta R.T. -0.006 min

Lab File: VY009084.D

Acq: 25 May 2022 12:59

Instrument :

MSVOA_Y

ClientSampleId :

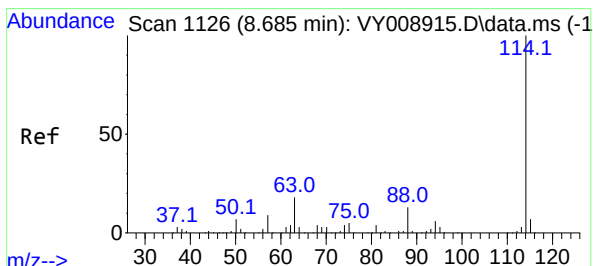
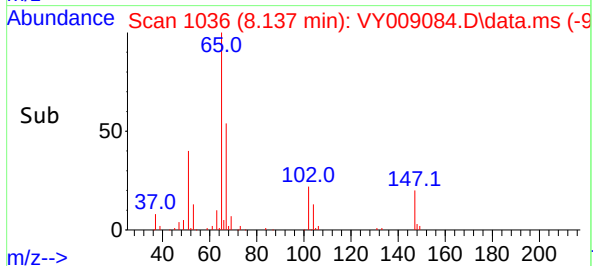
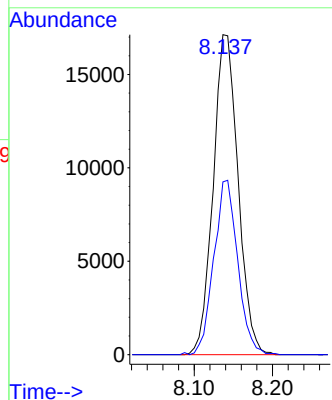
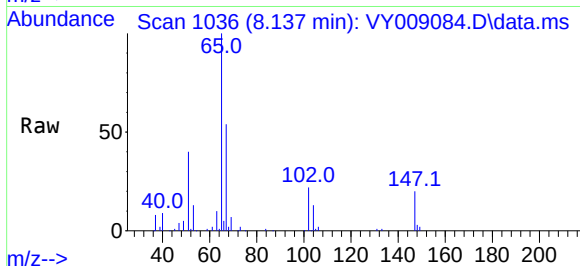
SB-10(1.5-2)

Tgt Ion: 65 Resp: 37901

Ion Ratio Lower Upper

65 100

67 52.4 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009084.D

Acq: 25 May 2022 12:59

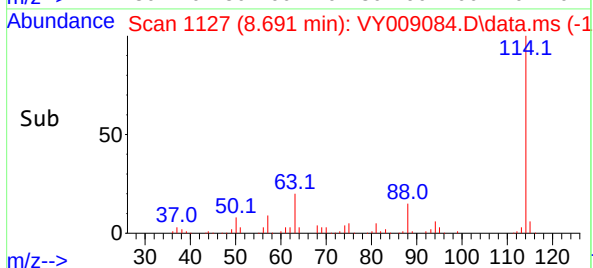
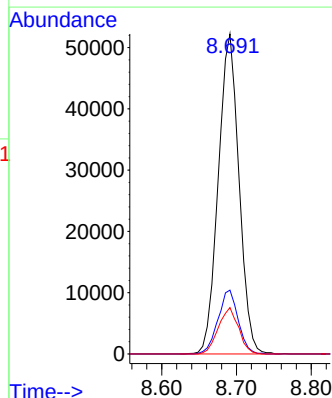
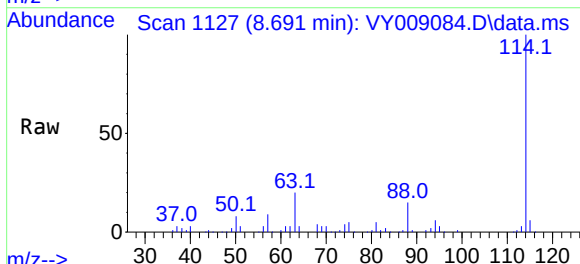
Tgt Ion: 114 Resp: 100700

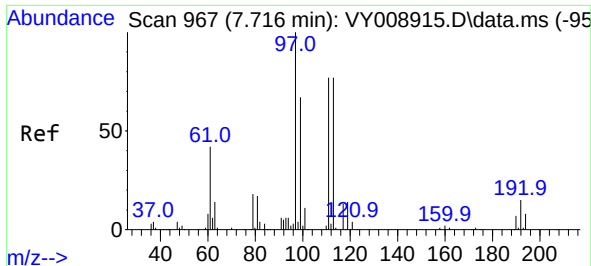
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 14.5 0.0 31.8

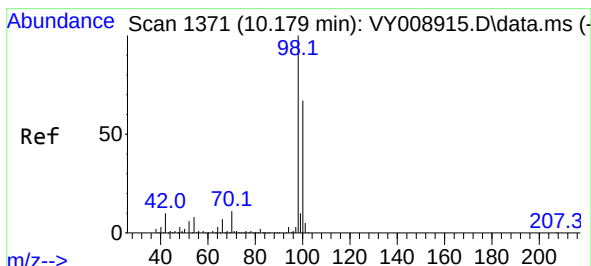
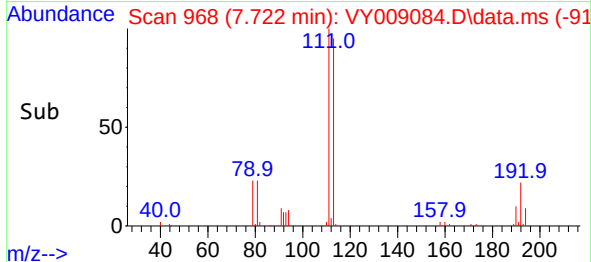
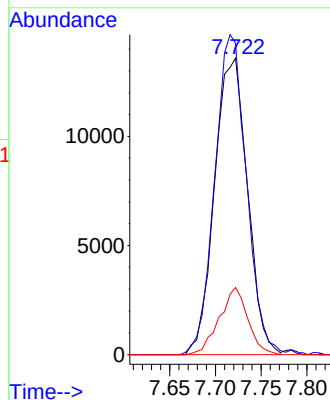
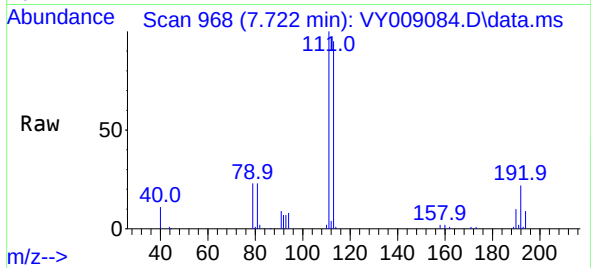




#35
Dibromofluoromethane
Concen: 54.355 ug/l
RT: 7.722 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

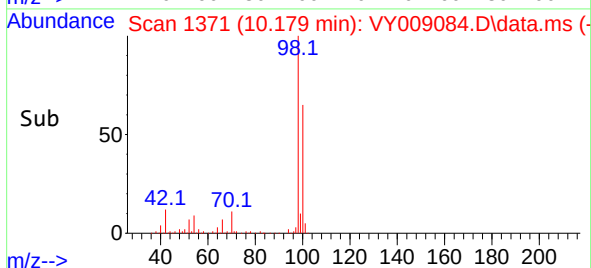
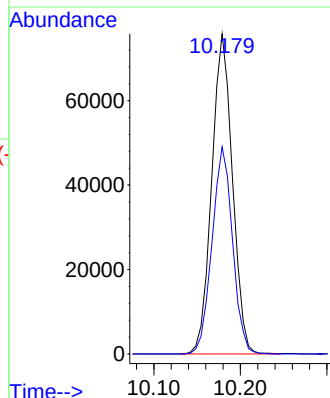
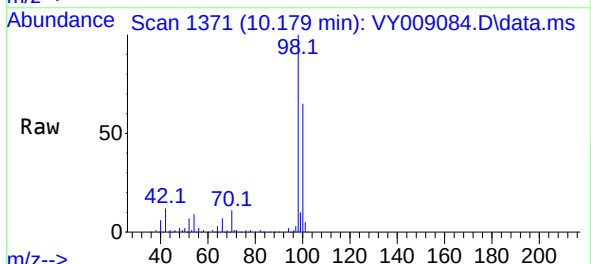
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

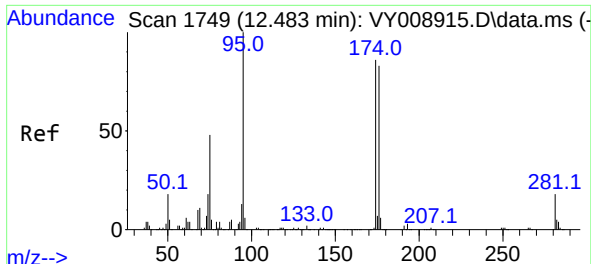
Tgt Ion:113 Resp: 34037
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.6 17.6 26.4



#50
Toluene-d8
Concen: 54.462 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

Tgt Ion: 98 Resp: 125814
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

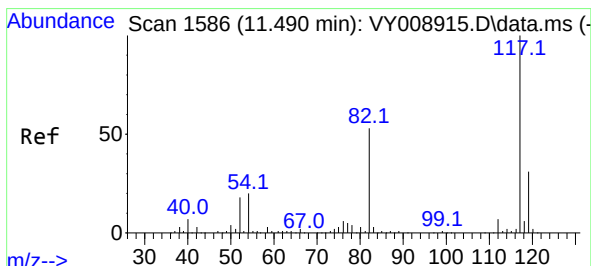
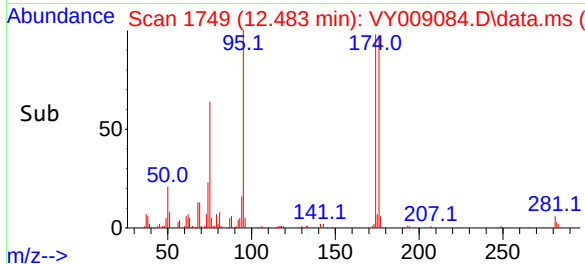
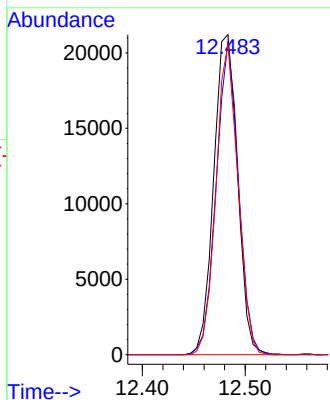
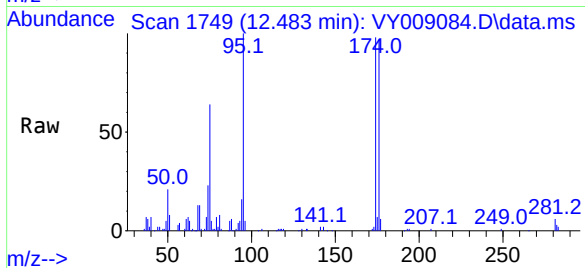




#62
4-Bromofluorobenzene
Concen: 36.461 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

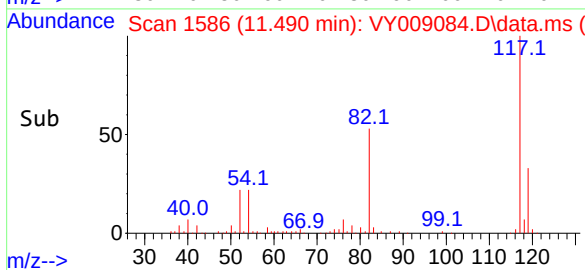
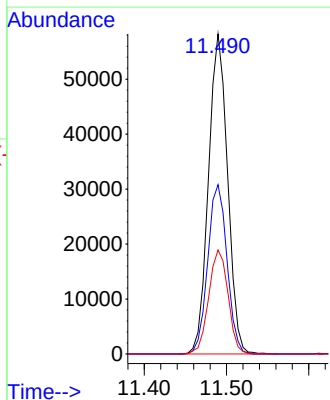
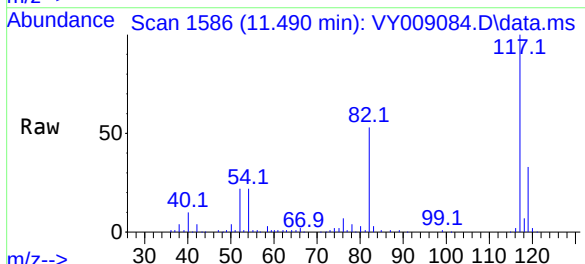
Instrument :
MSVOA_Y
ClientSampleId :
SB-10(1.5-2)

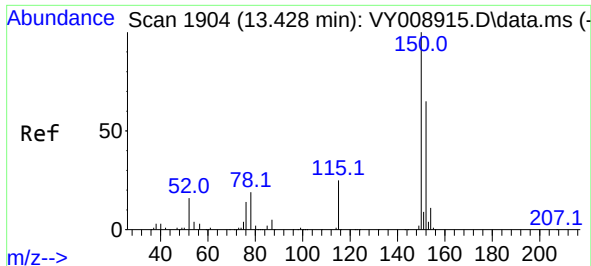
Tgt Ion: 95 Resp: 33977
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 90.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009084.D
Acq: 25 May 2022 12:59

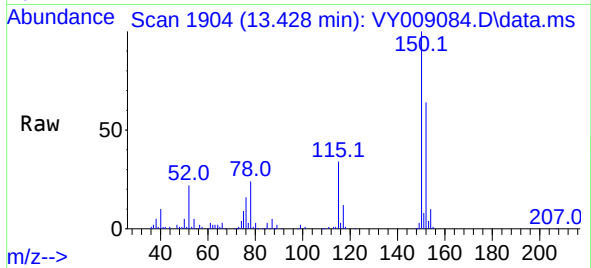
Tgt Ion: 117 Resp: 93798
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009084.D
 Acq: 25 May 2022 12:59

Instrument :
 MSVOA_Y
 ClientSampleId :
 SB-10(1.5-2)



Tgt Ion:152 Resp: 38988

Ion	Ratio	Lower	Upper
152	100		
115	55.8	28.2	84.7
150	155.9	0.0	347.6

