

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052122\
 Data File : VY008953.D
 Acq On : 21 May 2022 16:37
 Operator : KP/MD
 Sample : N2919-18
 Misc : 6.29g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0612-01

Quant Time: May 21 21:30:51 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)

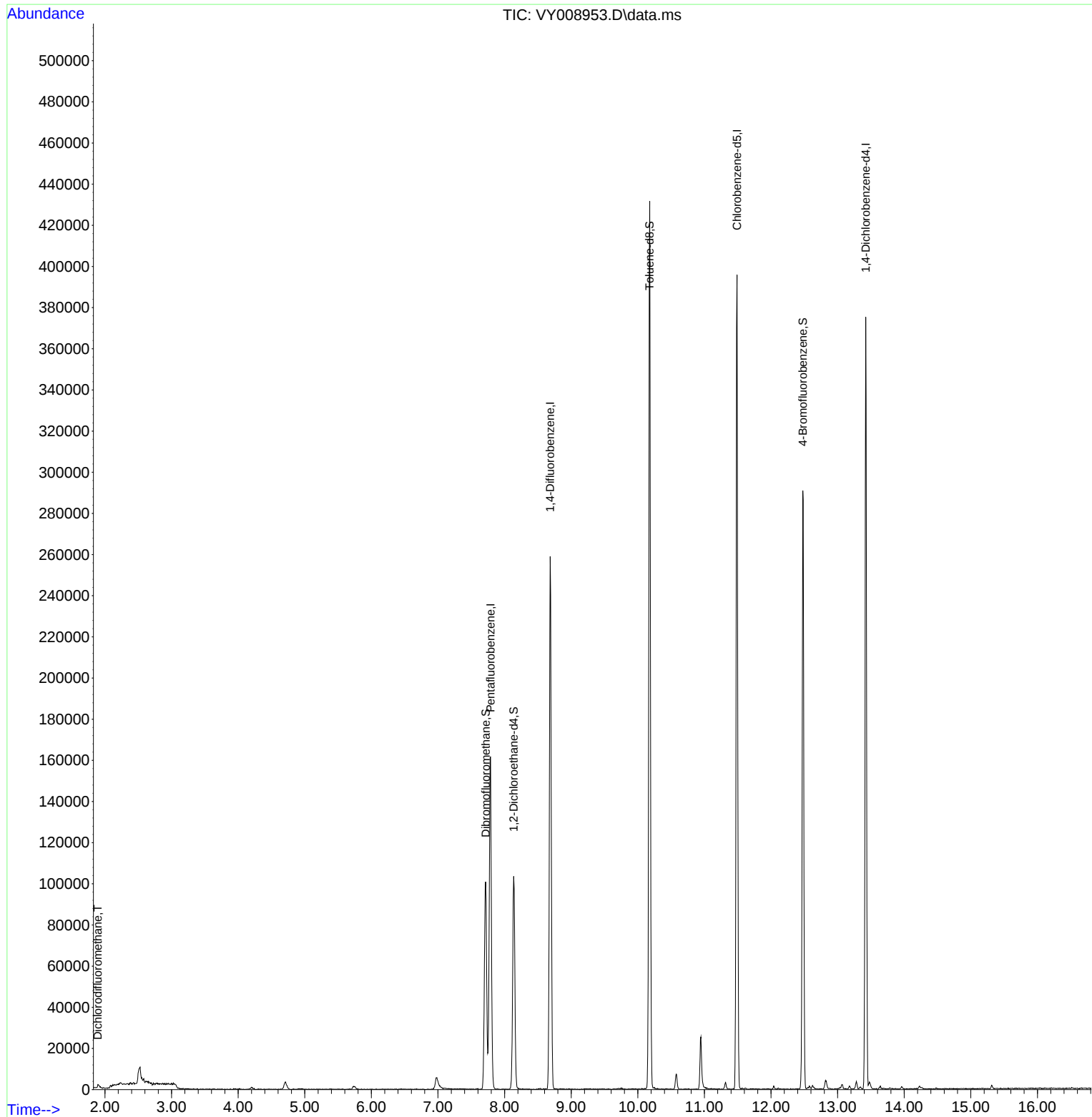
Internal Standards						
1) Pentafluorobenzene	7.789	168	120554	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	216552	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	205242	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	90885	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	77400	62.383	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 124.760%	
35) Dibromofluoromethane	7.716	113	70266	52.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 104.360%	
50) Toluene-d8	10.179	98	272854	54.924	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.477	95	78241	39.043	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.080%	
Target Compounds						
2) Dichlorodifluoromethane	1.894	85	1374	1.246	ug/l	Qvalue 75

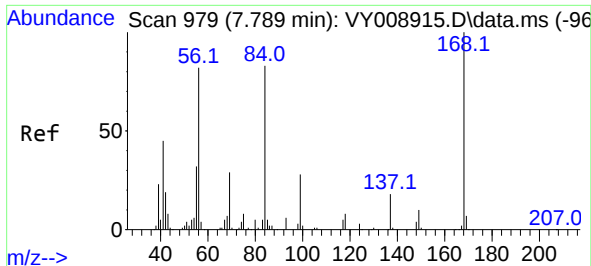
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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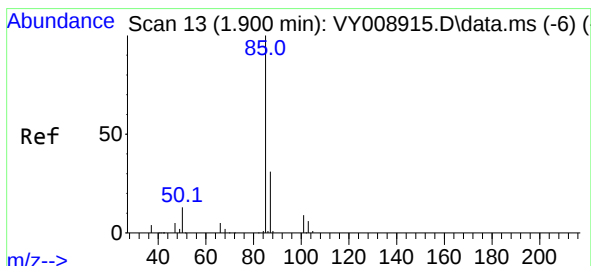
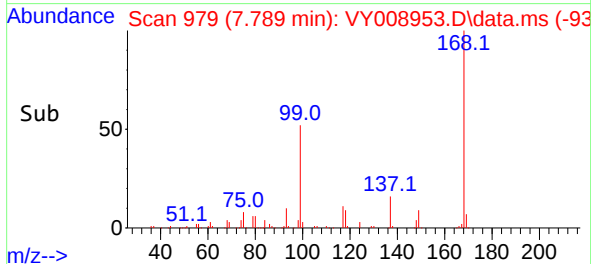
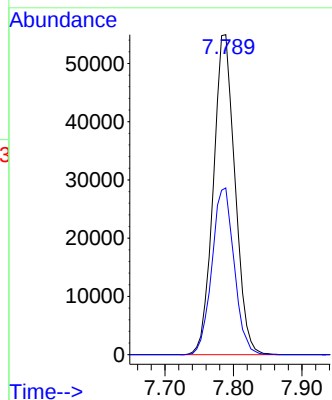
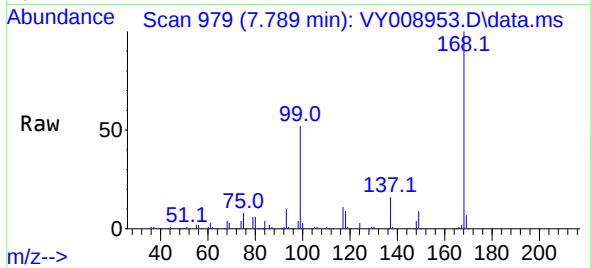




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

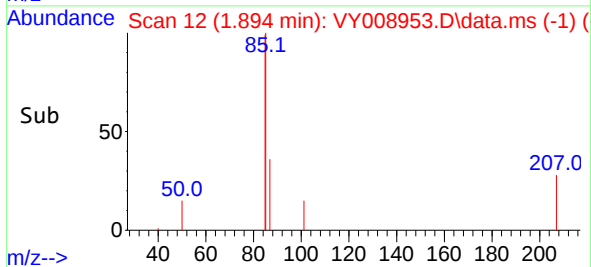
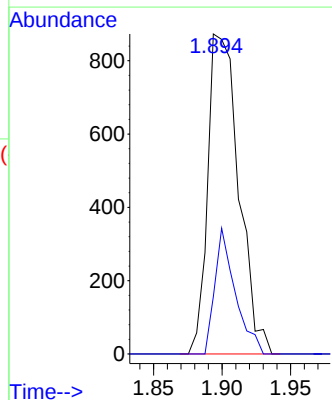
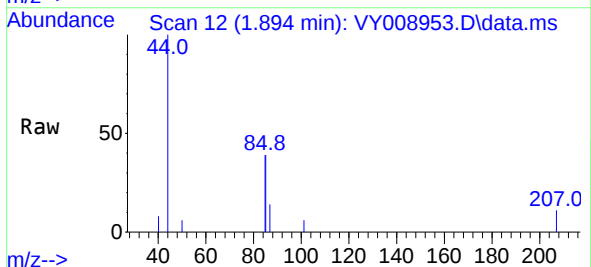
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0612-01

Tgt Ion:168 Resp: 120554
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#2
Dichlorodifluoromethane
Concen: 1.246 ug/l
RT: 1.894 min Scan# 12
Delta R.T. -0.006 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

Tgt Ion: 85 Resp: 1374
Ion Ratio Lower Upper
85 100
87 17.9 16.1 48.2

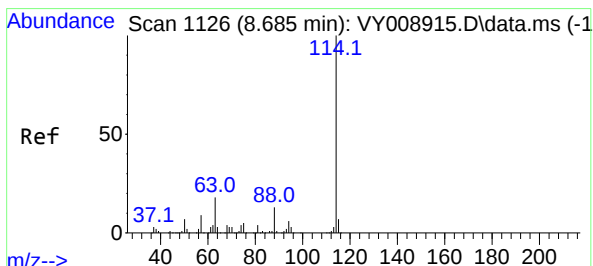
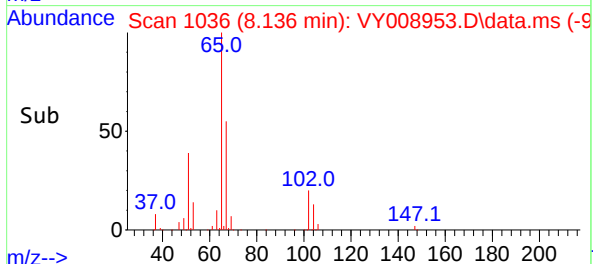
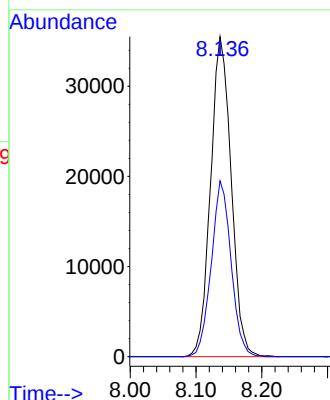
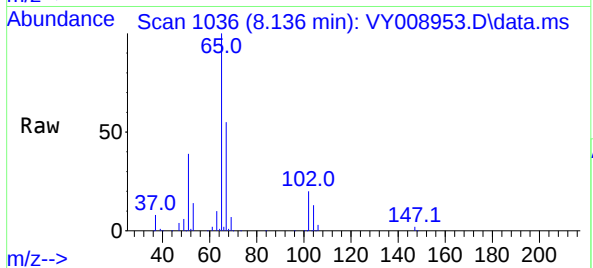




#33
1,2-Dichloroethane-d4
Concen: 62.383 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.007 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

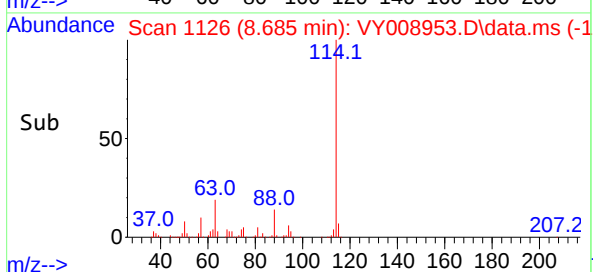
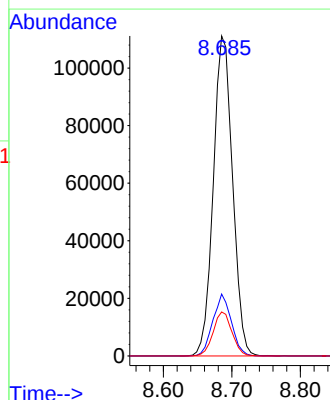
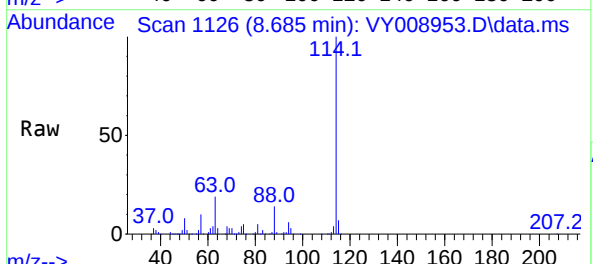
Instrument : MSVOA_Y
ClientSampleId : P015-SS002-0612-01

Tgt Ion: 65 Resp: 77400
Ion Ratio Lower Upper
65 100
67 52.9 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: VY008953.D
Acq: 21 May 2022 16:37

Tgt Ion: 114 Resp: 216552
Ion Ratio Lower Upper
114 100
63 19.3 0.0 43.2
88 13.8 0.0 31.8

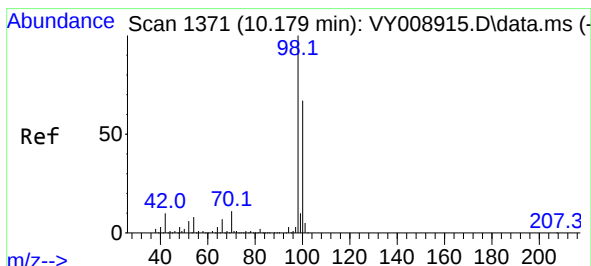
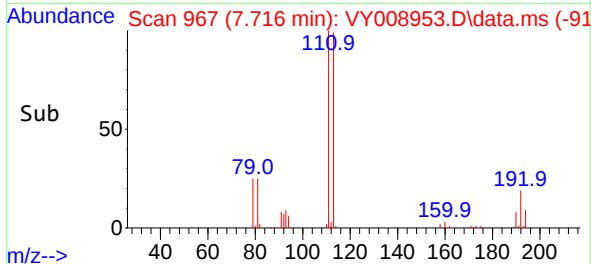
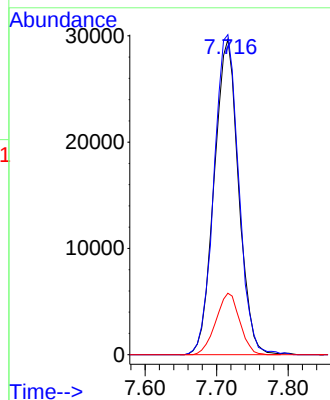
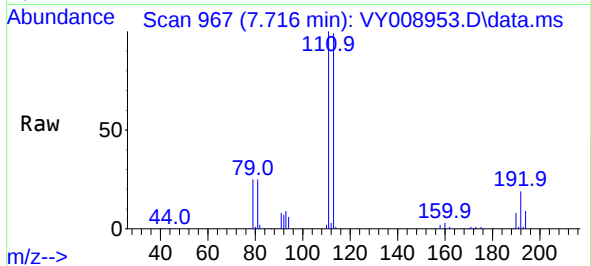




#35
Dibromofluoromethane
Concen: 52.180 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

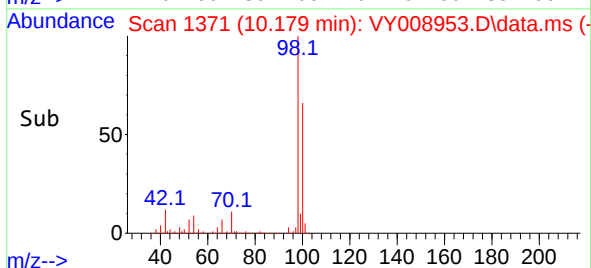
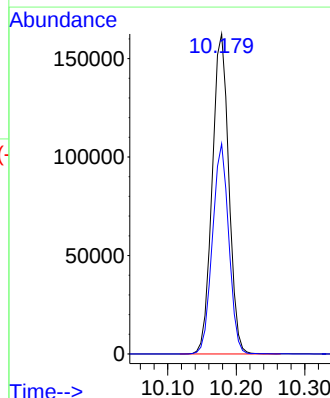
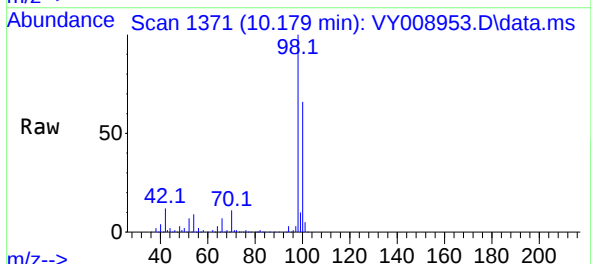
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0612-01

Tgt Ion:113 Resp: 70266
Ion Ratio Lower Upper
113 100
111 102.9 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 54.924 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

Tgt Ion: 98 Resp: 272854
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

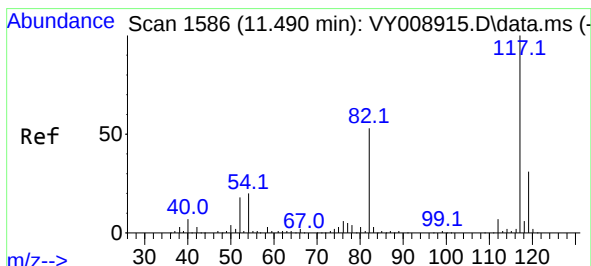
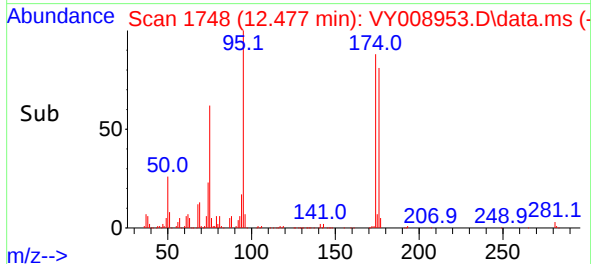
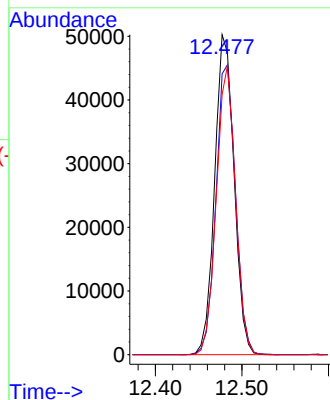
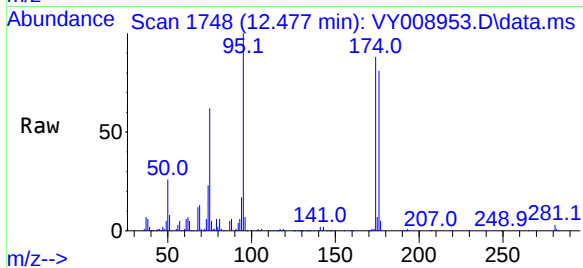




#62
4-Bromofluorobenzene
Concen: 39.043 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

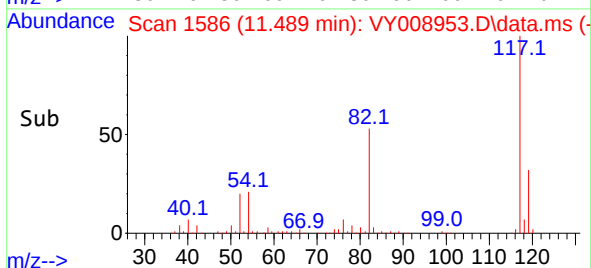
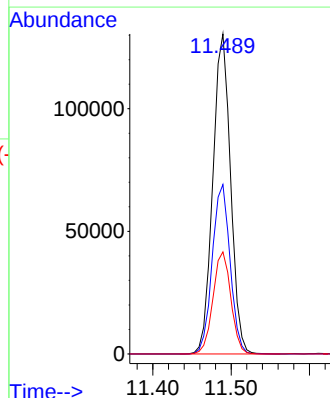
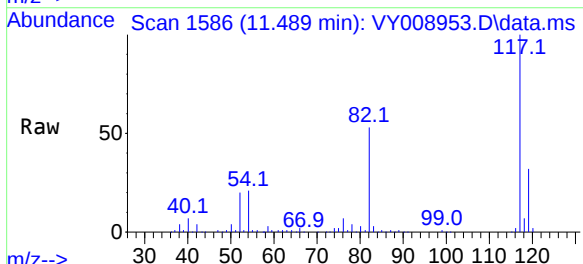
Instrument :
MSVOA_Y
ClientSampleId :
P015-SS002-0612-01

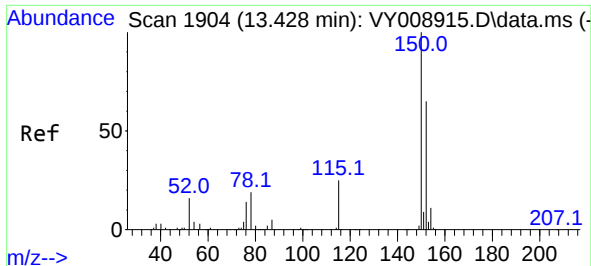
Tgt Ion:	95	Resp:	78241
Ion	Ratio	Lower	Upper
95	100		
174	91.3	0.0	177.0
176	88.9	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY008953.D
Acq: 21 May 2022 16:37

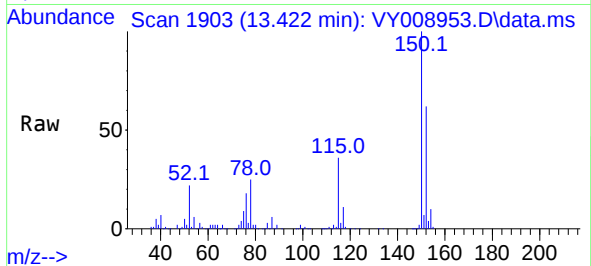
Tgt Ion:	117	Resp:	205242
Ion	Ratio	Lower	Upper
117	100		
82	53.0	43.0	64.4
119	31.9	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY008953.D
 Acq: 21 May 2022 16:37

Instrument :
 MSVOA_Y
 ClientSampleId :
 P015-SS002-0612-01



Tgt Ion:152 Resp: 90885
 Ion Ratio Lower Upper
 152 100
 115 54.8 28.2 84.7
 150 154.7 0.0 347.6

