

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY093022\
 Data File : VY010744.D
 Acq On : 30 Sep 2022 13:15
 Operator : KP/MD
 Sample : N4850-04RE
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2-GRRE

Quant Time: Sep 30 14:44:46 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)

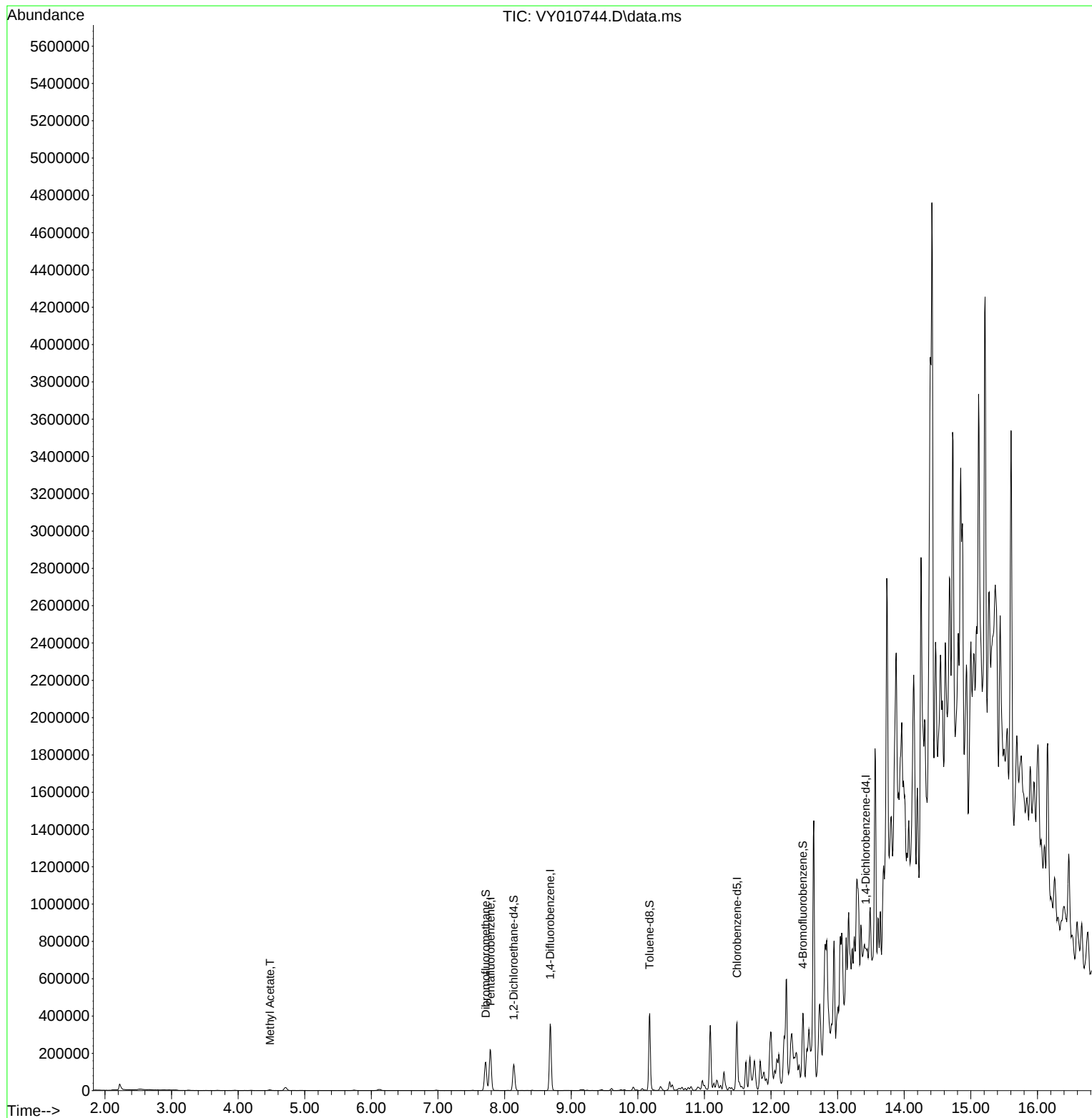
Internal Standards						
1) Pentafluorobenzene	7.789	168	168586	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	304638	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	189334	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72339	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	106249	65.891	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 131.780%	
35) Dibromofluoromethane	7.716	113	108660	55.889	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 111.780%	
50) Toluene-d8	10.179	98	265191	37.725	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 75.440%	
62) 4-Bromofluorobenzene	12.477	95	72750	25.984	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 51.960%	
Target Compounds						Qvalue
18) Methyl Acetate	4.479	43	7415	6.162	ug/l #	88

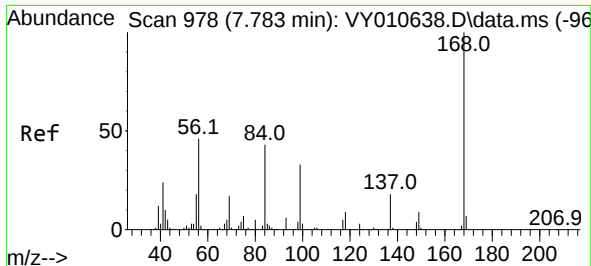
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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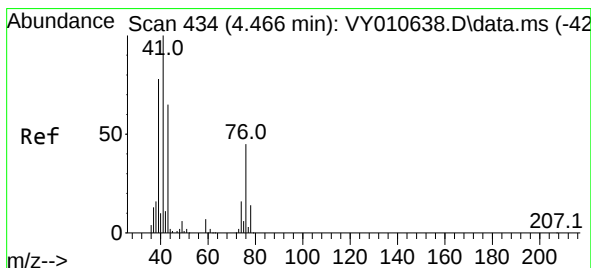
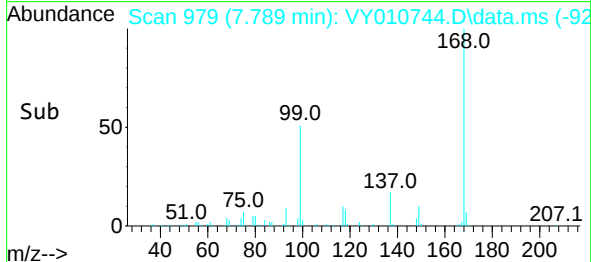
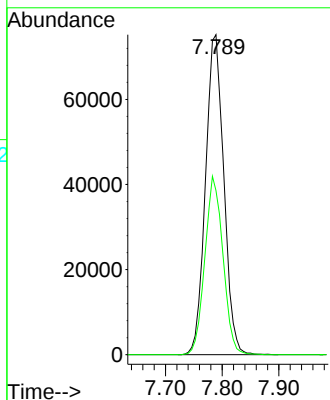
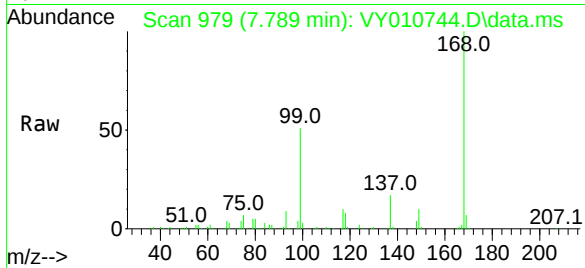




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

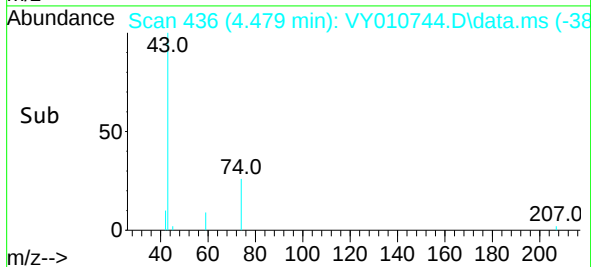
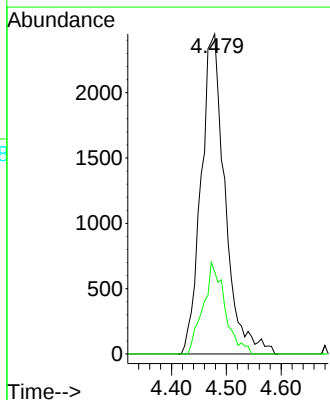
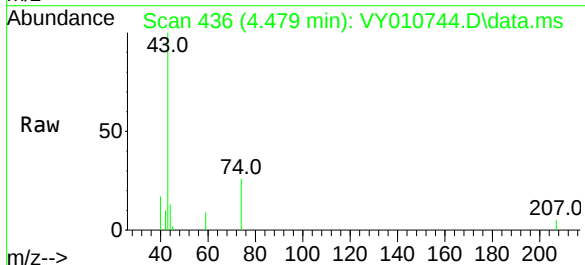
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2-GRRE

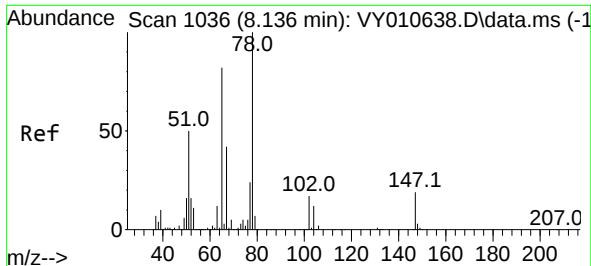
Tgt Ion:168 Resp: 168586
Ion Ratio Lower Upper
168 100
99 51.3 46.9 70.3



#18
Methyl Acetate
Concen: 6.162 ug/l
RT: 4.479 min Scan# 436
Delta R.T. 0.013 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

Tgt Ion: 43 Resp: 7415
Ion Ratio Lower Upper
43 100
74 26.2 16.6 24.8#





#33

1,2-Dichloroethane-d4

Concen: 65.891 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.001 min

Lab File: VY010744.D

Acq: 30 Sep 2022 13:15

Instrument :

MSVOA_Y

ClientSampleId :

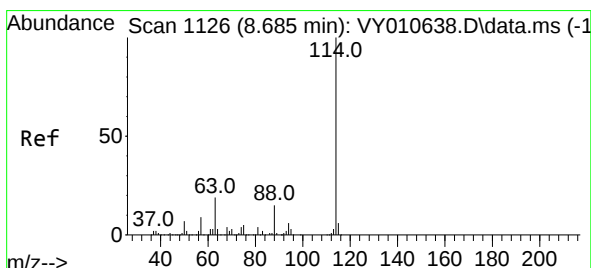
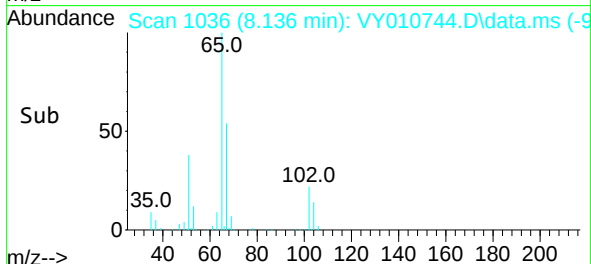
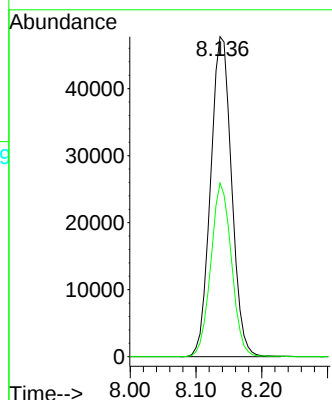
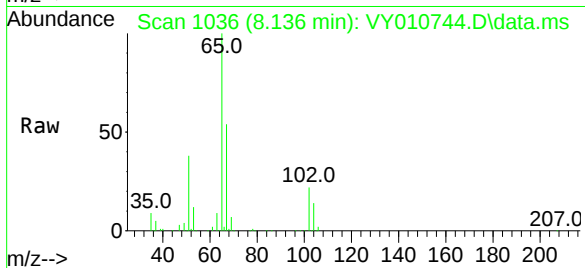
WC-14B-SP-2-GRRE

Tgt Ion: 65 Resp: 106249

Ion Ratio Lower Upper

65 100

67 53.1 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: VY010744.D

Acq: 30 Sep 2022 13:15

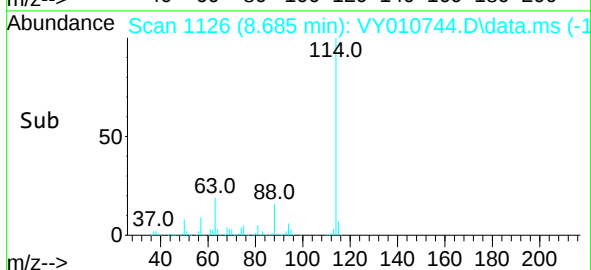
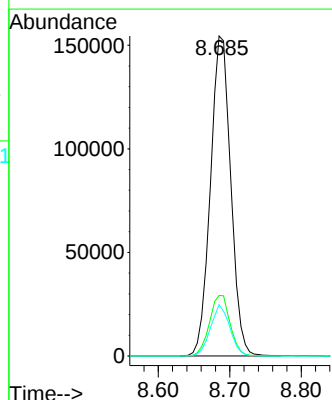
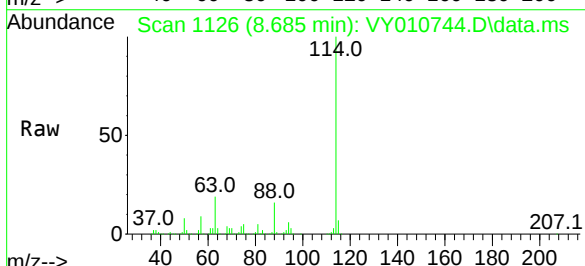
Tgt Ion: 114 Resp: 304638

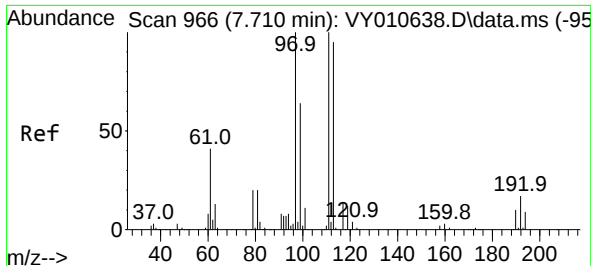
Ion Ratio Lower Upper

114 100

63 18.9 0.0 43.2

88 16.0 0.0 31.8

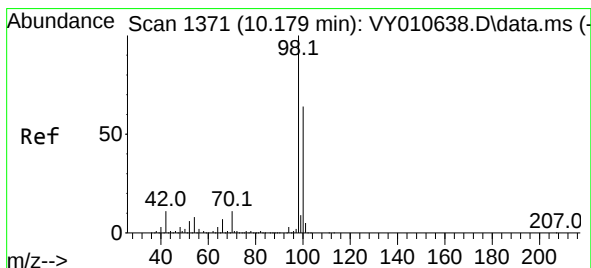
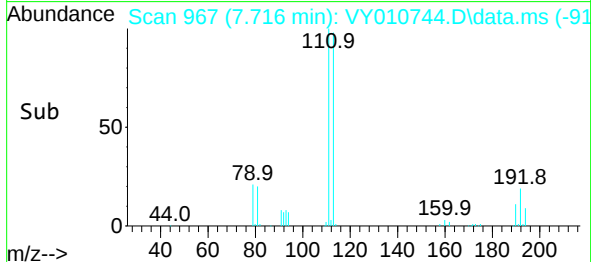
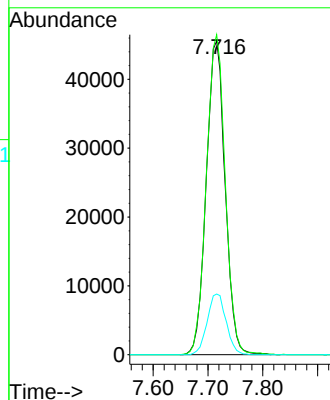
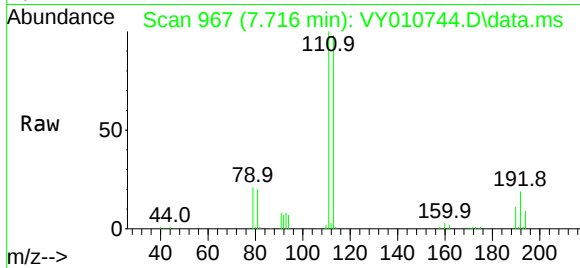




#35
Dibromofluoromethane
Concen: 55.889 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

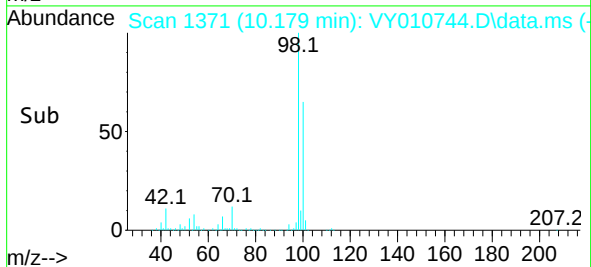
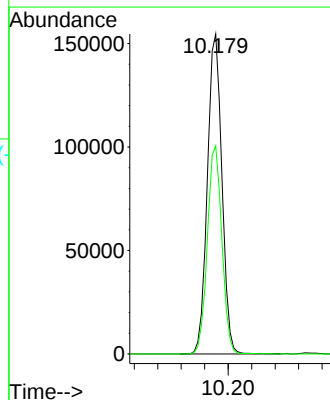
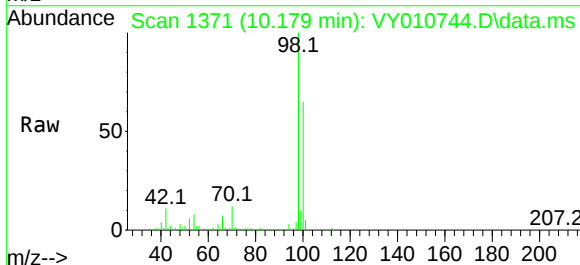
Instrument :
MSVOA_Y
ClientSampleId :
WC-14B-SP-2-GRRE

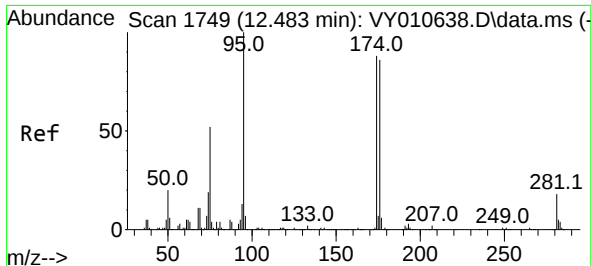
Tgt Ion:113 Resp: 108660
Ion Ratio Lower Upper
113 100
111 102.2 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 37.725 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

Tgt Ion: 98 Resp: 265191
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

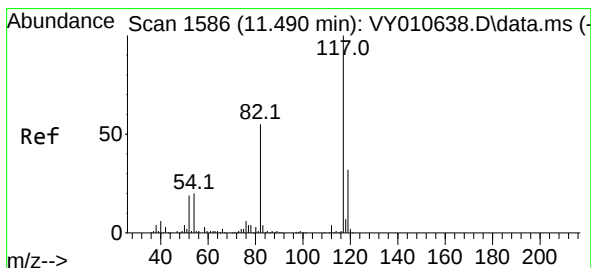
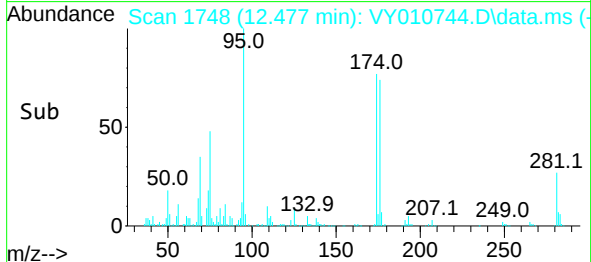
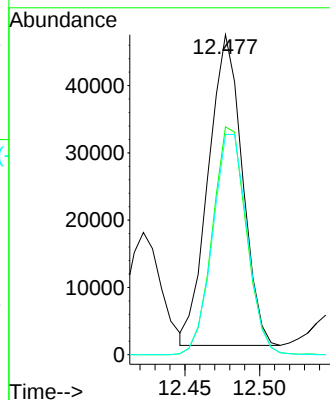
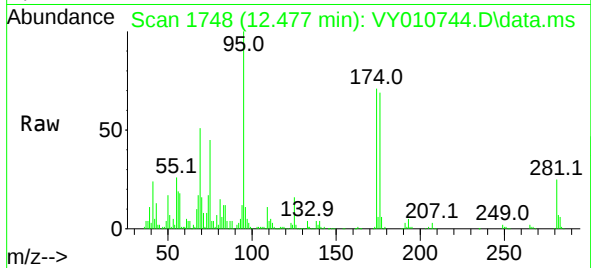




#62
4-Bromofluorobenzene
Concen: 25.984 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

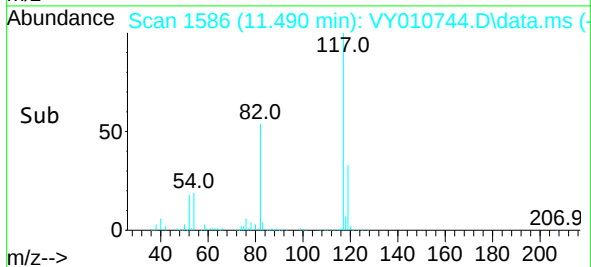
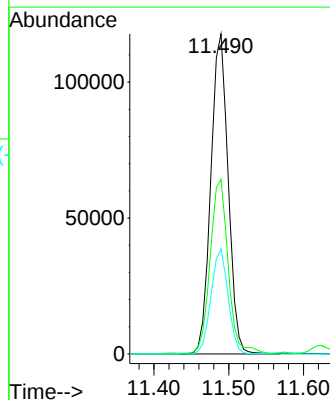
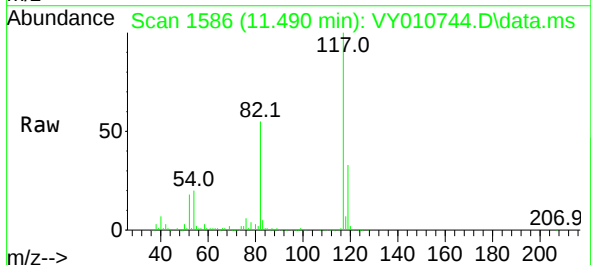
Instrument :
MSVOA_Y
ClientSampleId :
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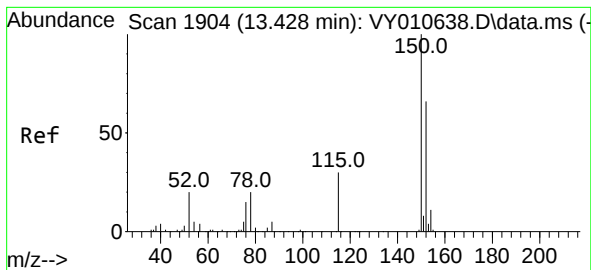
Tgt Ion: 95 Resp: 72750
Ion Ratio Lower Upper
95 100
174 73.3 0.0 177.0
176 72.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010744.D
Acq: 30 Sep 2022 13:15

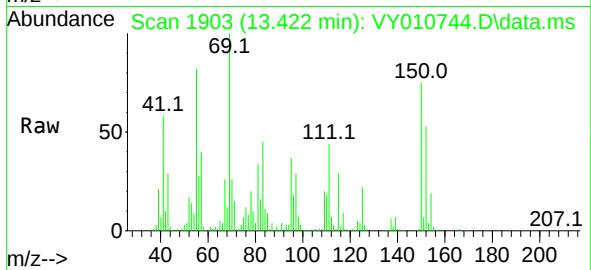
Tgt Ion: 117 Resp: 189334
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 32.8 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY010744.D
 Acq: 30 Sep 2022 13:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-14B-SP-2-GRRE



Tgt Ion:	152	Resp:	72339
Ion	Ratio	Lower	Upper
152	100		
115	38.2	28.2	84.7
150	101.3	0.0	347.6

