

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010305.D
 Acq On : 03 Sep 2022 02:59
 Operator : KP/MD
 Sample : N4379-11
 Misc : 5.59g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 DUP-X

Quant Time: Sep 03 06:12:02 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090222S.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 02 16:41:46 2022
 Response via : Initial Calibration

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

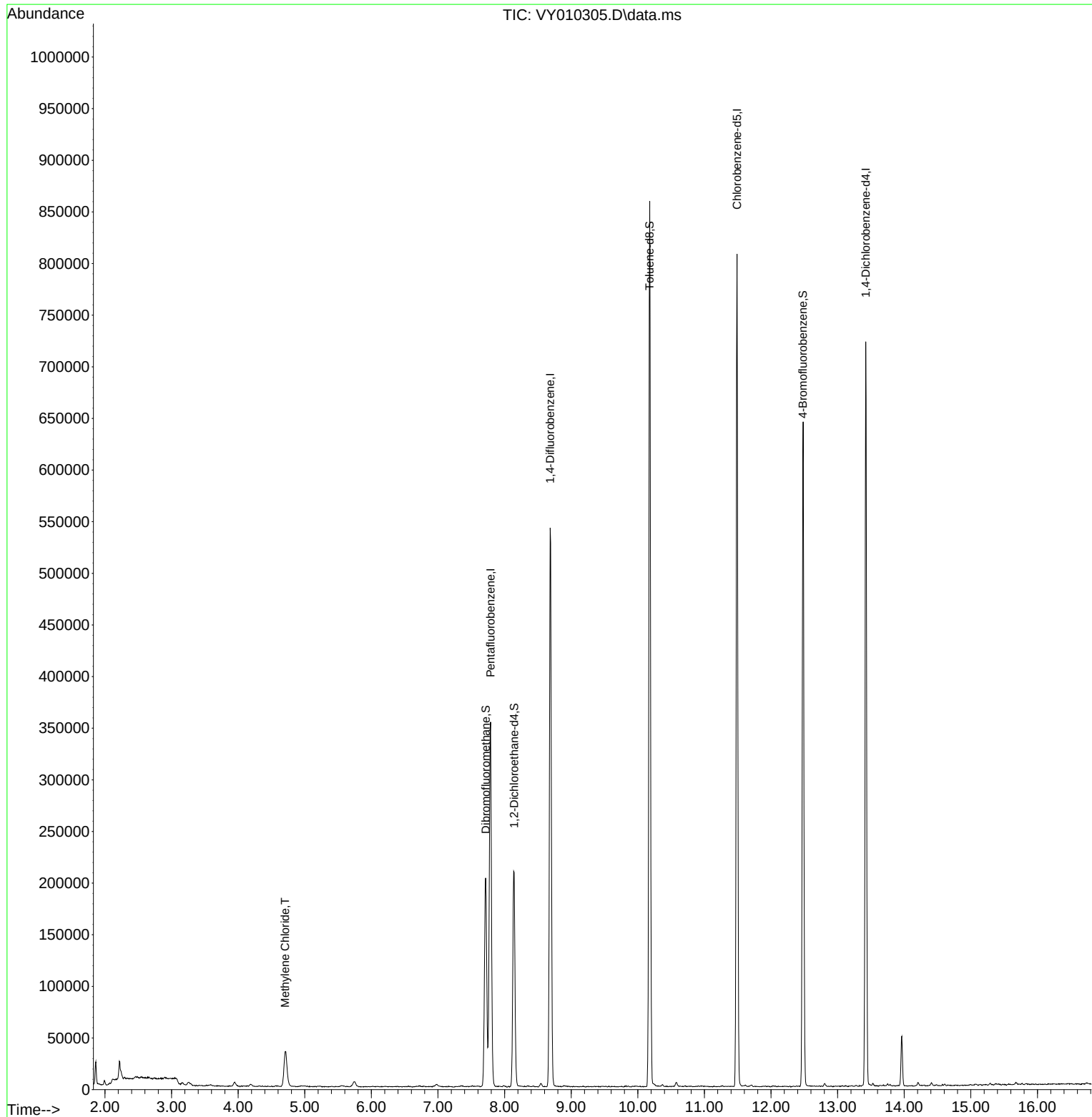
Internal Standards						
1) Pentafluorobenzene	7.789	168	283137	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	474802	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	437964	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	187571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	166048	57.194	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	114.380%
35) Dibromofluoromethane	7.716	113	146216	46.258	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	92.520%
50) Toluene-d8	10.179	98	562069	53.113	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	106.220%
62) 4-Bromofluorobenzene	12.477	95	190360	44.182	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	88.360%
Target Compounds						
					Qvalue	
20) Methylene Chloride	4.704	84	26301	7.509	ug/l	86

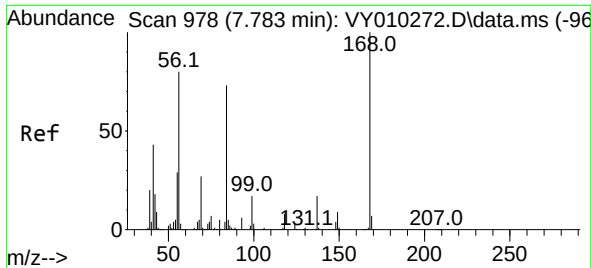
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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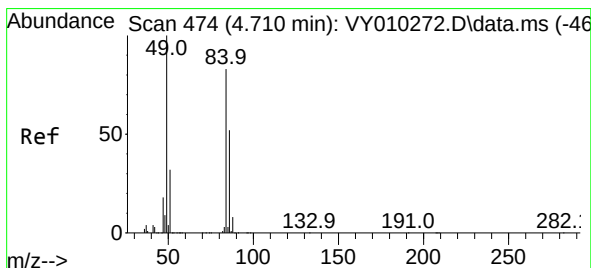
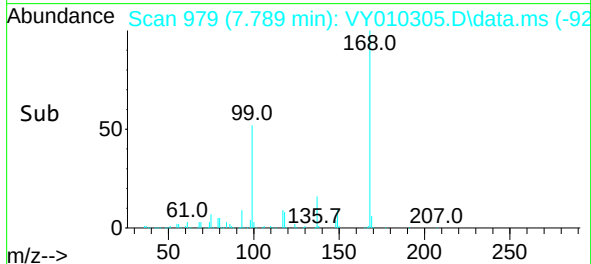
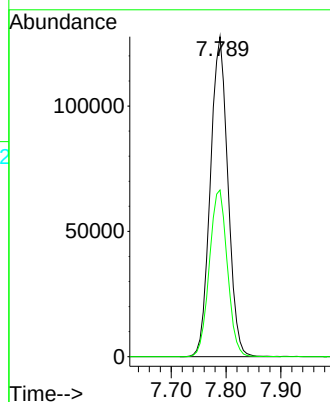
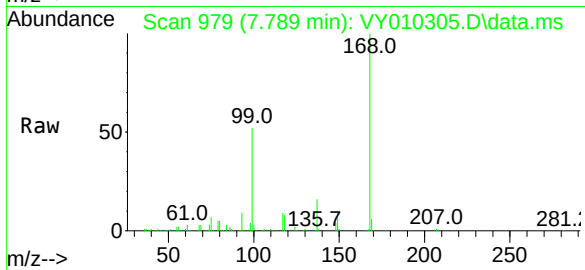




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

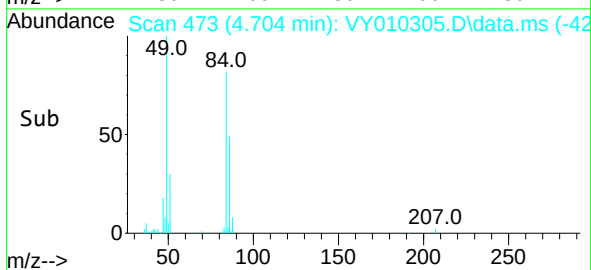
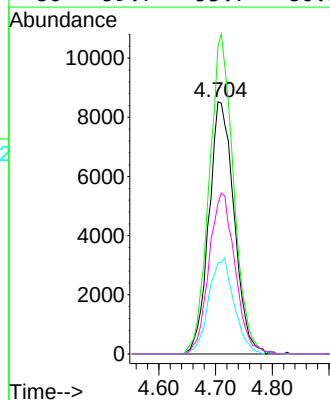
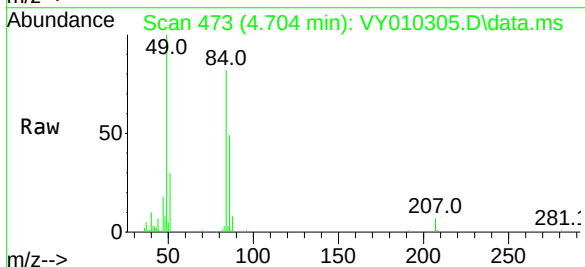
Instrument :
MSVOA_Y
ClientSampleId :
DUP-X

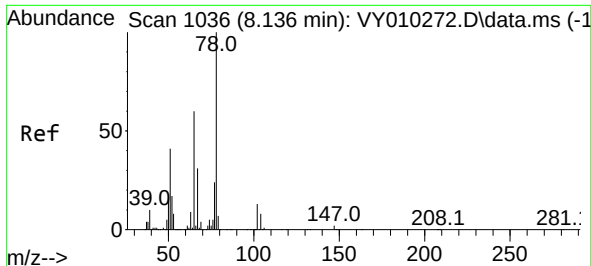
Tgt Ion:168 Resp: 283137
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#20
Methylene Chloride
Concen: 7.509 ug/l
RT: 4.704 min Scan# 473
Delta R.T. -0.006 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

Tgt Ion: 84 Resp: 26301
Ion Ratio Lower Upper
84 100
49 122.0 114.4 171.6
51 36.2 35.3 52.9
86 59.7 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 57.194 ug/l

RT: 8.143 min Scan# 1103

Delta R.T. 0.007 min

Lab File: VY010305.D

Acq: 03 Sep 2022 02:59

Instrument :

MSVOA_Y

ClientSampleId :

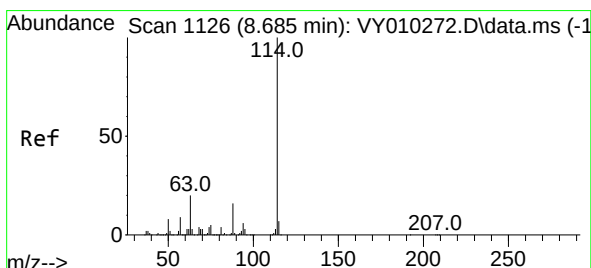
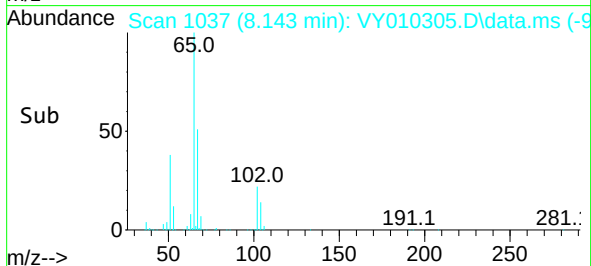
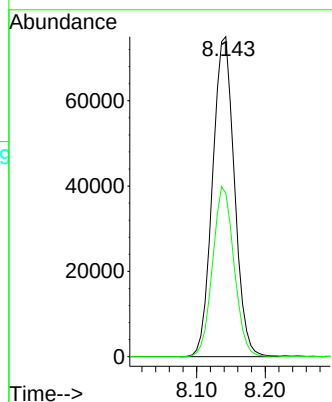
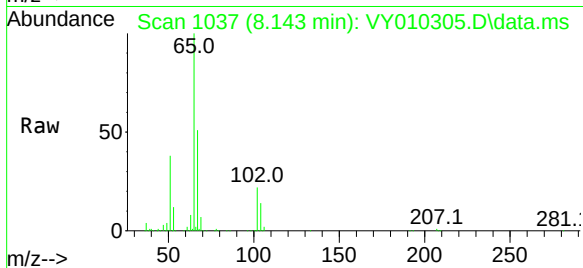
DUP-X

Tgt Ion: 65 Resp: 166048

Ion Ratio Lower Upper

65 100

67 52.1 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: VY010305.D

Acq: 03 Sep 2022 02:59

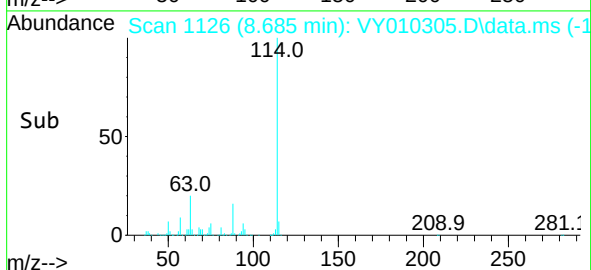
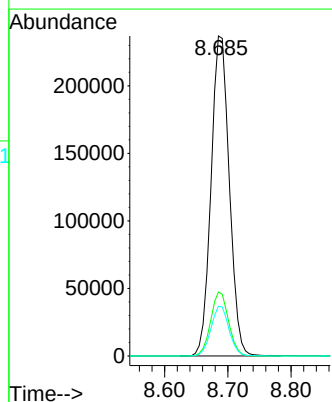
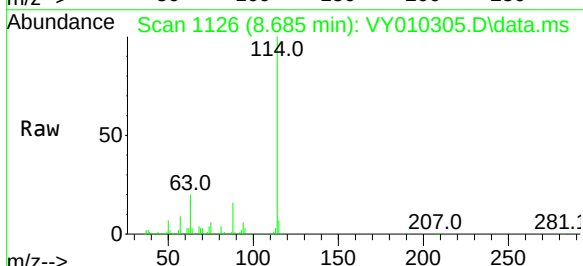
Tgt Ion:114 Resp: 474802

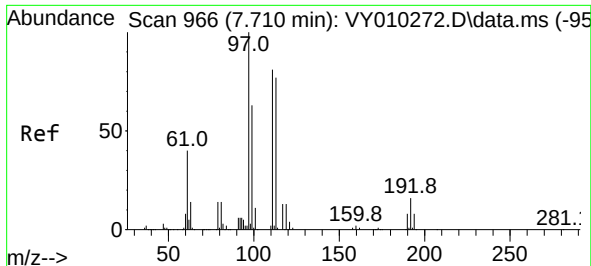
Ion Ratio Lower Upper

114 100

63 20.0 0.0 43.2

88 15.5 0.0 31.8

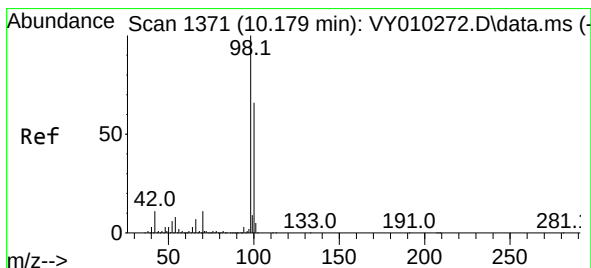
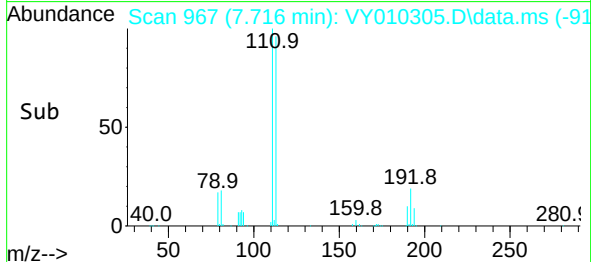
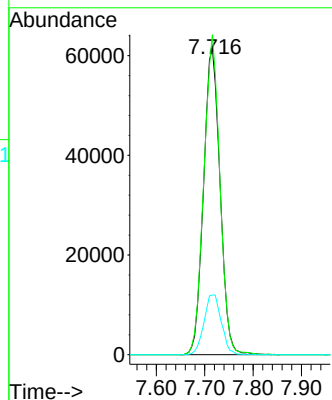
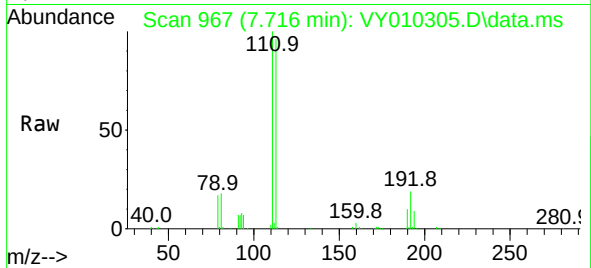




#35
Dibromofluoromethane
Concen: 46.258 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

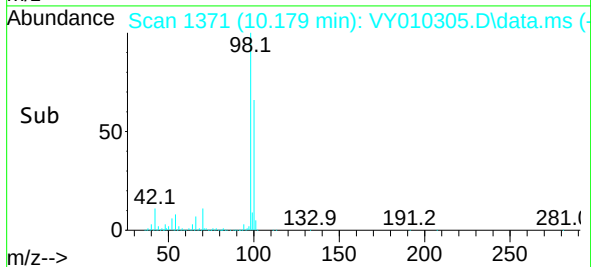
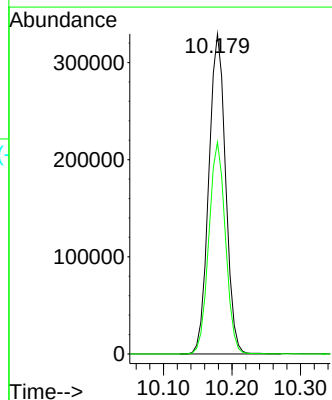
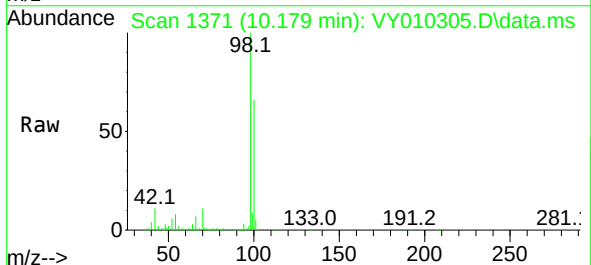
Instrument :
MSVOA_Y
ClientSampleId :
DUP-X

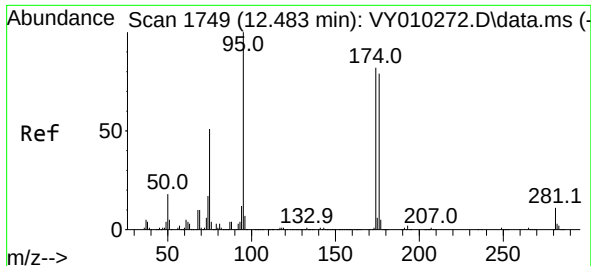
Tgt Ion:113 Resp: 146216
Ion Ratio Lower Upper
113 100
111 101.6 82.6 124.0
192 20.4 17.6 26.4



#50
Toluene-d8
Concen: 53.113 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

Tgt Ion: 98 Resp: 562069
Ion Ratio Lower Upper
98 100
100 65.4 50.2 75.2

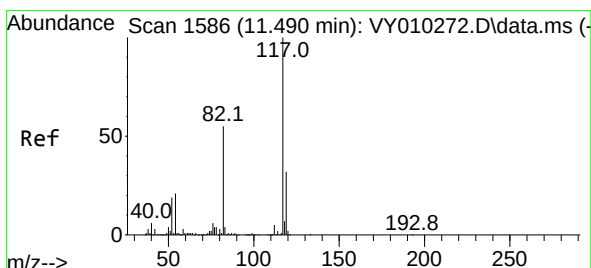
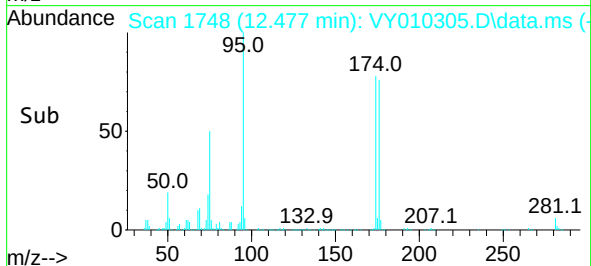
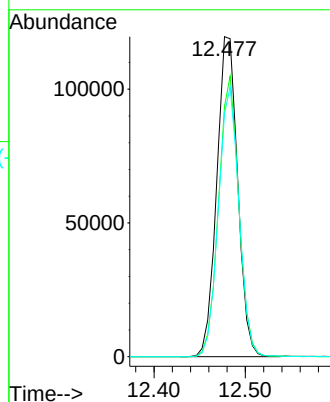
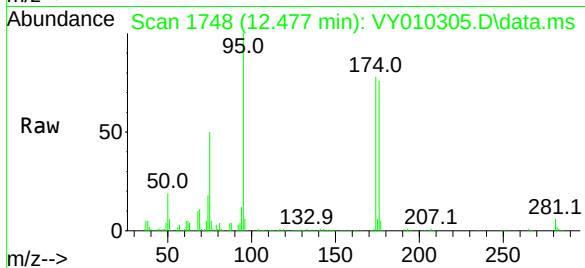




#62
4-Bromofluorobenzene
Concen: 44.182 ug/l
RT: 12.477 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

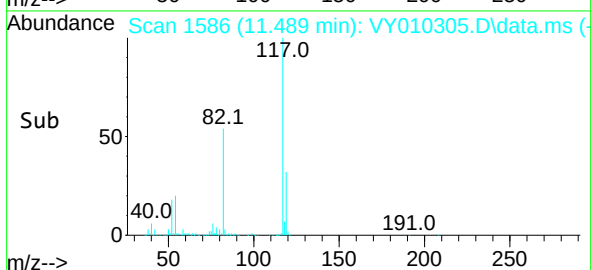
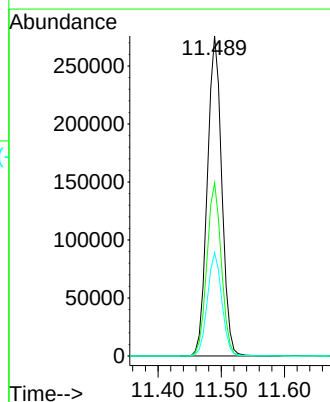
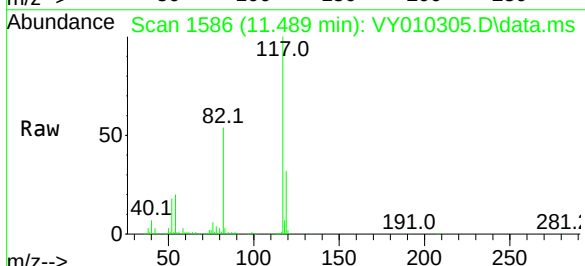
Instrument :
MSVOA_Y
ClientSampleId :
DUP-X

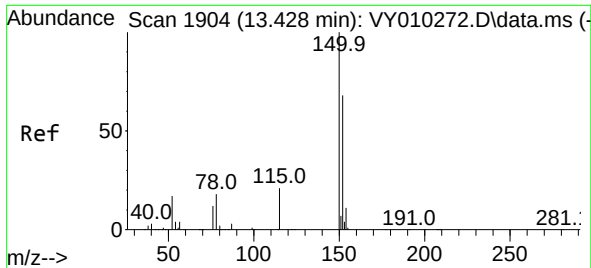
Tgt Ion: 95 Resp: 190360
Ion Ratio Lower Upper
95 100
174 84.9 0.0 177.0
176 82.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY010305.D
Acq: 03 Sep 2022 02:59

Tgt Ion: 117 Resp: 437964
Ion Ratio Lower Upper
117 100
82 54.1 43.0 64.4
119 32.3 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.006 min

Lab File: VY010305.D

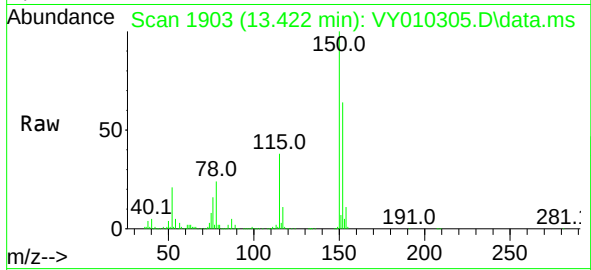
Acq: 03 Sep 2022 02:59

Instrument :

MSVOA_Y

ClientSampleId :

DUP-X



Tgt Ion:152 Resp: 187571

Ion Ratio Lower Upper

152 100

115 58.0 28.2 84.7

150 157.9 0.0 347.6

