

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY090222\
 Data File : VY010313.D
 Acq On : 03 Sep 2022 06:06
 Operator : KP/MD
 Sample : N4486-01
 Misc : 5.01g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PC-1

Quant Time: Sep 03 07:39:01 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)

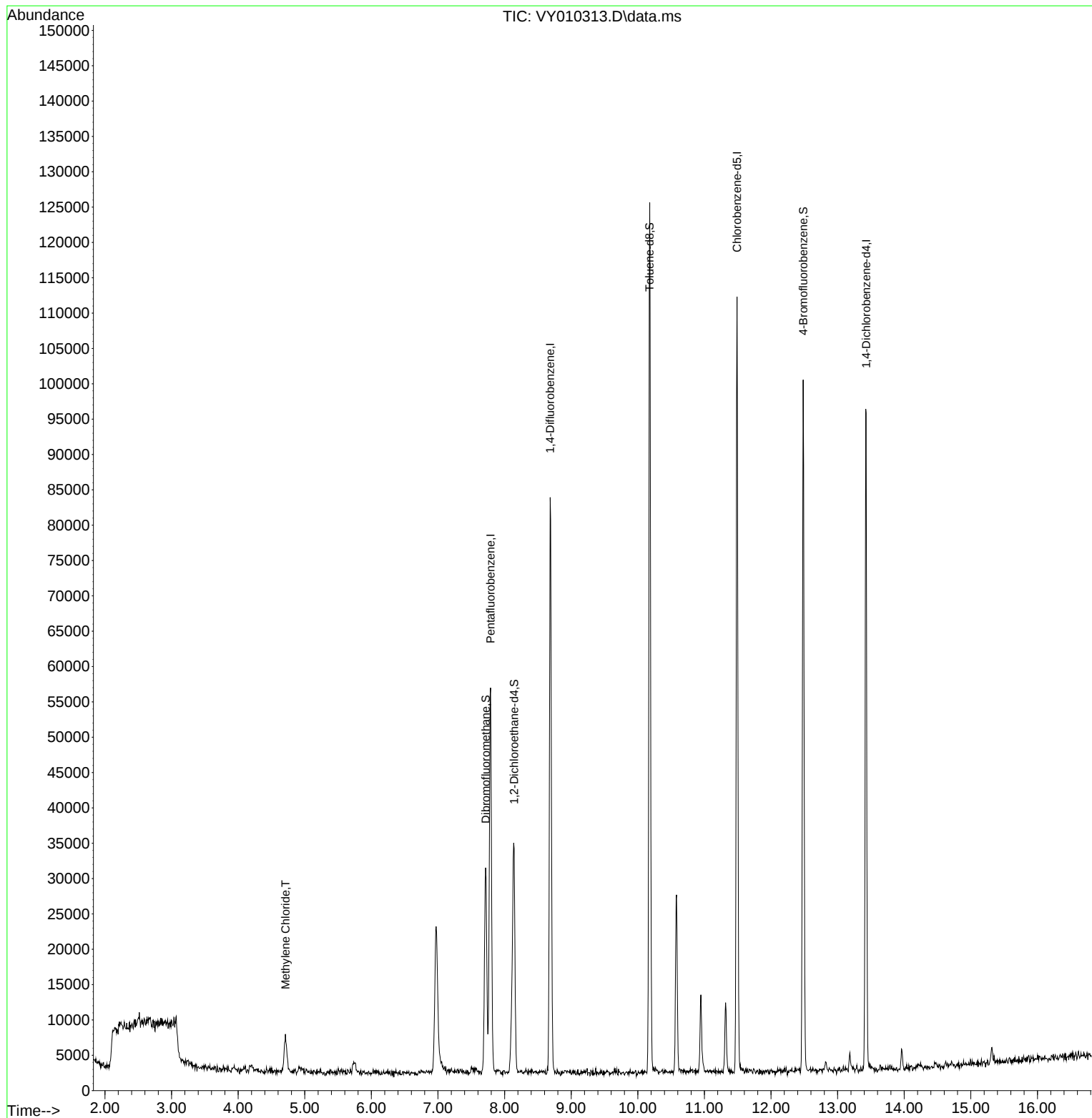
Internal Standards						
1) Pentafluorobenzene	7.789	168	44581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	71534	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	61142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	25079	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	23015	50.347	ug/l	0.00
Spiked Amount	50.000	Range 50 - 163	Recovery	= 100.700%		
35) Dibromofluoromethane	7.716	113	21005	44.108	ug/l	0.00
Spiked Amount	50.000	Range 54 - 147	Recovery	= 88.220%		
50) Toluene-d8	10.179	98	83180	52.171	ug/l	0.00
Spiked Amount	50.000	Range 49 - 140	Recovery	= 104.340%		
62) 4-Bromofluorobenzene	12.483	95	25572	38.611	ug/l	0.00
Spiked Amount	50.000	Range 25 - 144	Recovery	= 77.220%		
Target Compounds						
20) Methylene Chloride	4.710	84	3794	6.880	ug/l	Qvalue 87

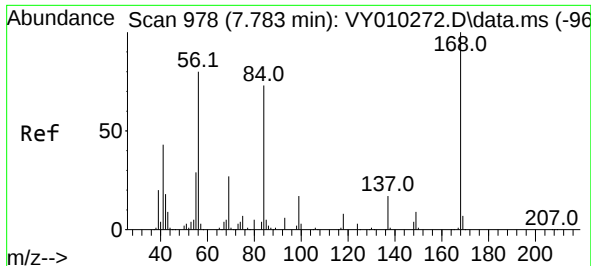
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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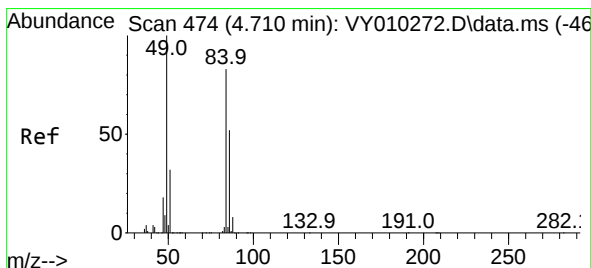
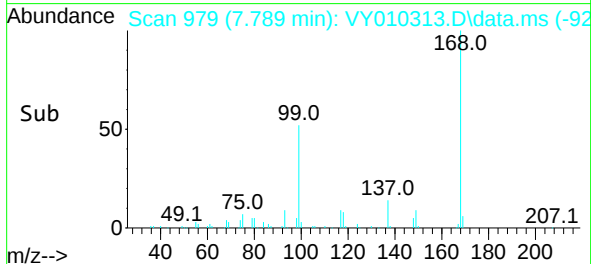
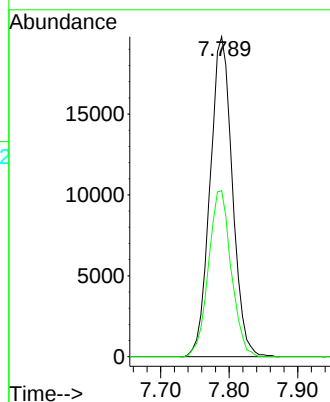
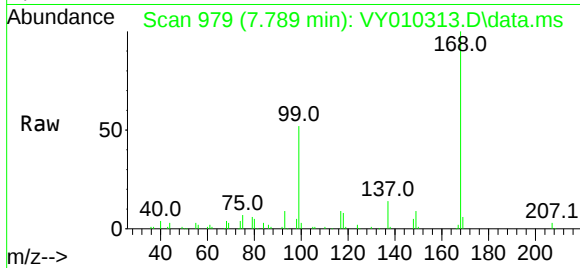




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

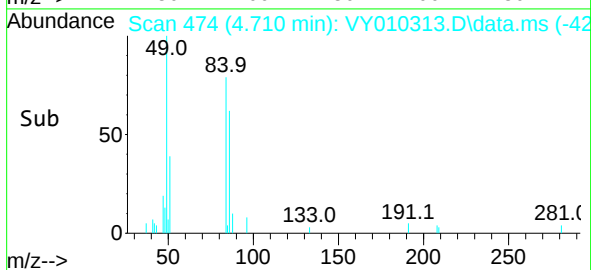
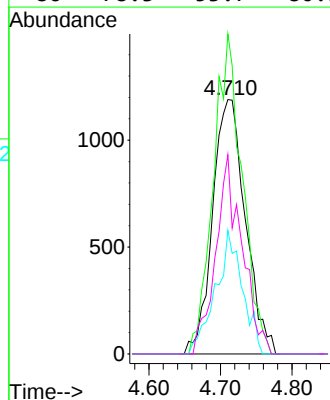
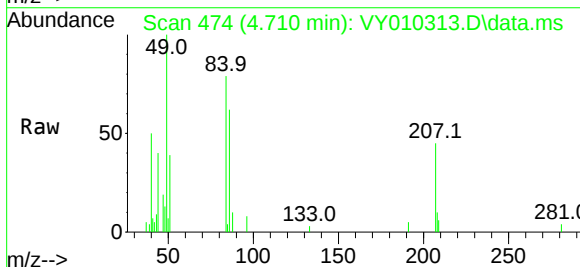
Instrument :
MSVOA_Y
ClientSampleId :
PC-1

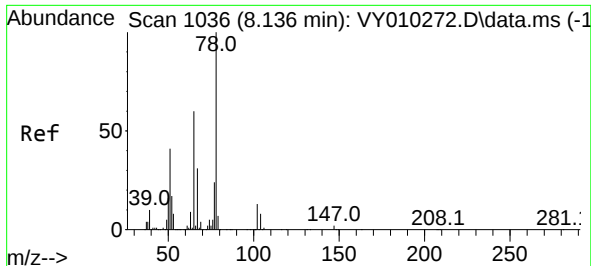
Tgt Ion:168 Resp: 44581
Ion Ratio Lower Upper
168 100
99 51.8 46.9 70.3



#20
Methylene Chloride
Concen: 6.880 ug/l
RT: 4.710 min Scan# 474
Delta R.T. 0.000 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

Tgt Ion: 84 Resp: 3794
Ion Ratio Lower Upper
84 100
49 125.8 114.4 171.6
51 48.6 35.3 52.9
86 78.3 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 50.347 ug/l

RT: 8.143 min Scan# 1036

Delta R.T. 0.007 min

Lab File: VY010313.D

Acq: 03 Sep 2022 06:06

Instrument :

MSVOA_Y

ClientSampleId :

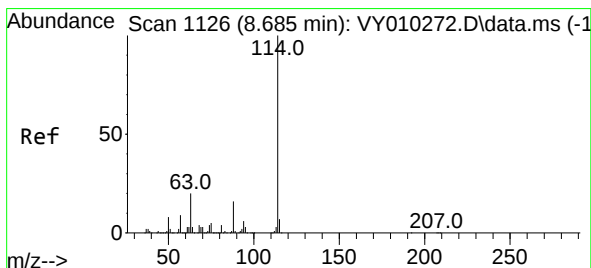
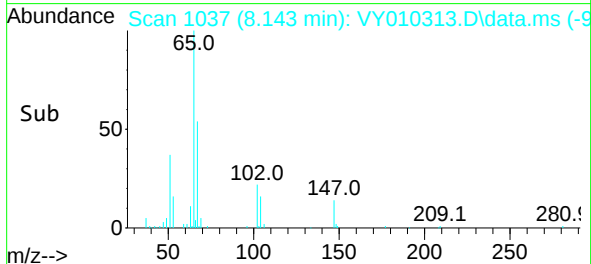
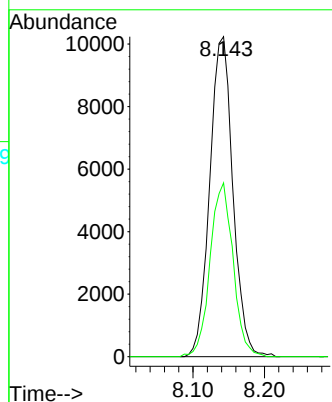
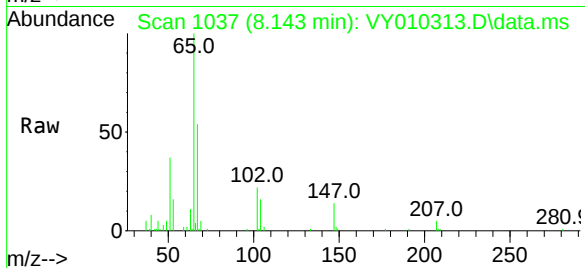
PC-1

Tgt Ion: 65 Resp: 23015

Ion Ratio Lower Upper

65 100

67 53.9 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: VY010313.D

Acq: 03 Sep 2022 06:06

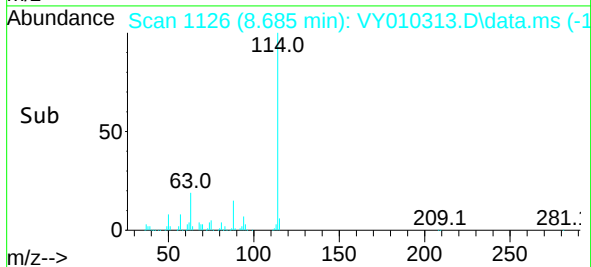
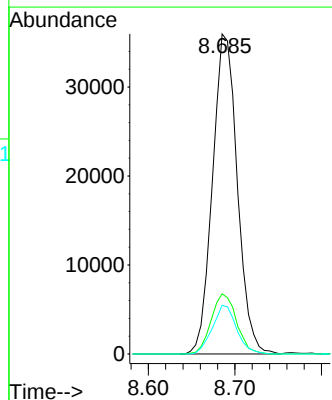
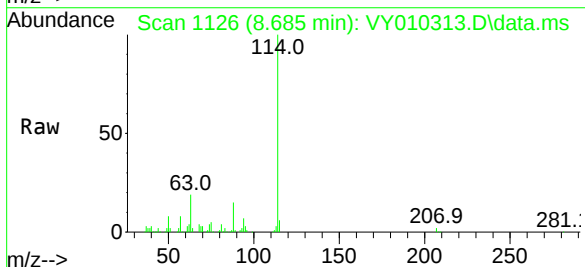
Tgt Ion: 114 Resp: 71534

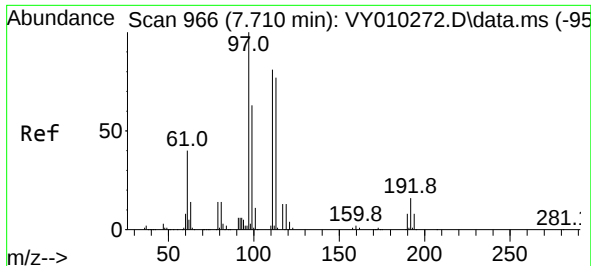
Ion Ratio Lower Upper

114 100

63 18.8 0.0 43.2

88 15.2 0.0 31.8

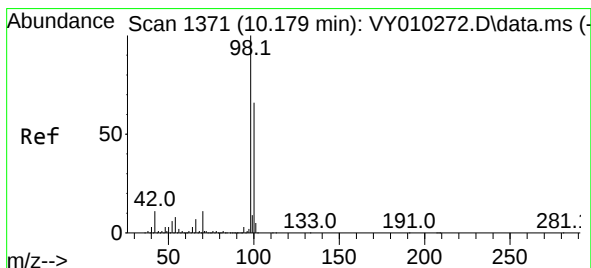
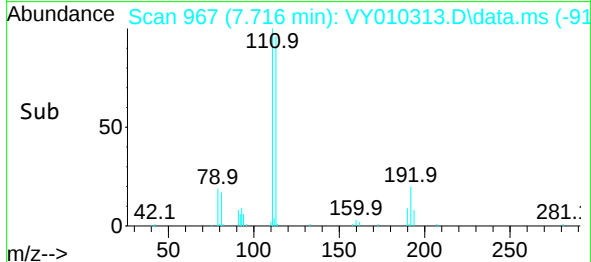
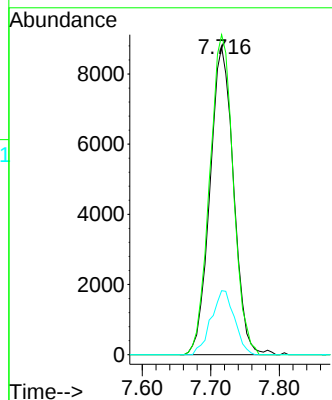
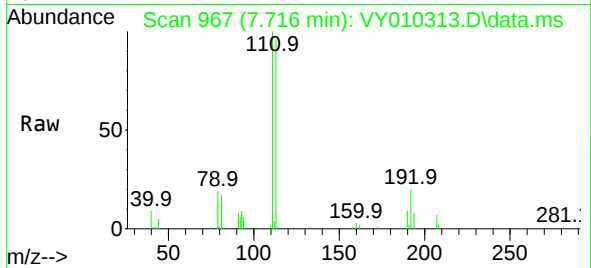




#35
Dibromofluoromethane
Concen: 44.108 ug/l
RT: 7.716 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

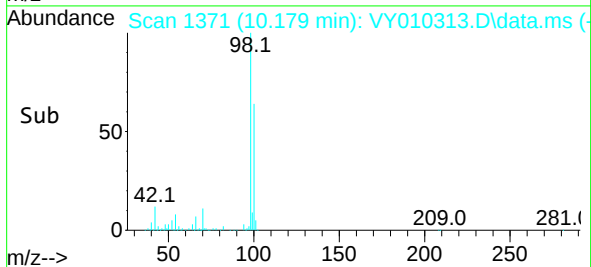
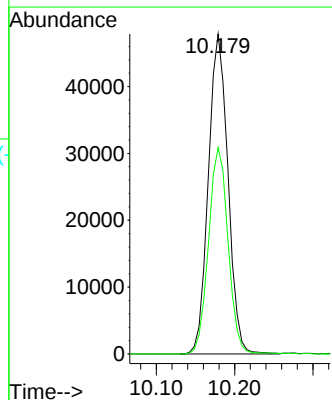
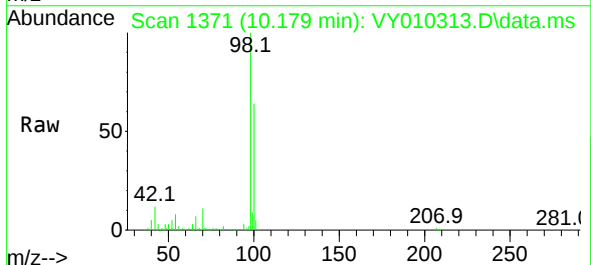
Instrument :
MSVOA_Y
ClientSampleId :
PC-1

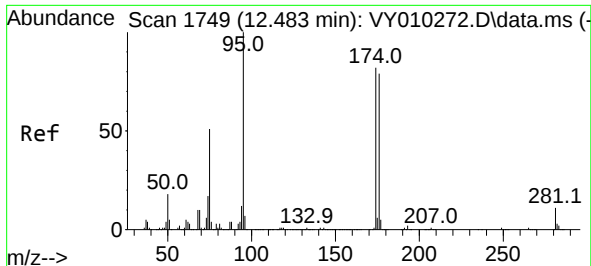
Tgt Ion:113 Resp: 21005
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 20.5 17.6 26.4



#50
Toluene-d8
Concen: 52.171 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

Tgt Ion: 98 Resp: 83180
Ion Ratio Lower Upper
98 100
100 64.3 50.2 75.2

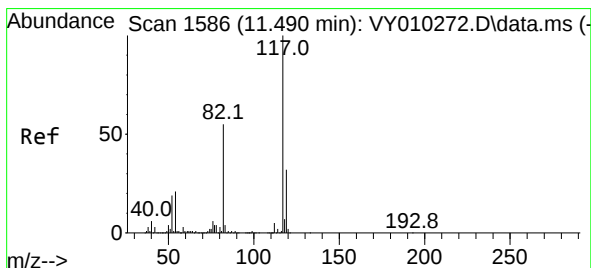
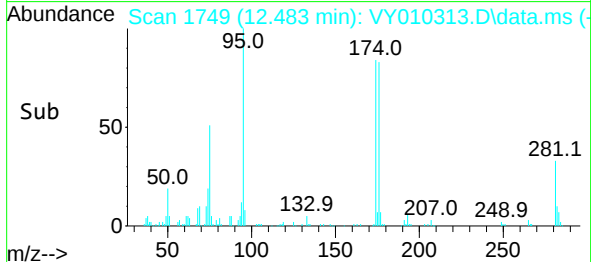
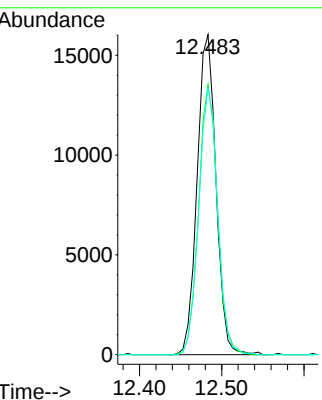
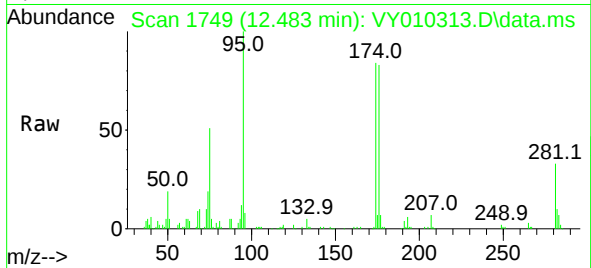




#62
4-Bromofluorobenzene
Concen: 38.611 ug/l
RT: 12.483 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

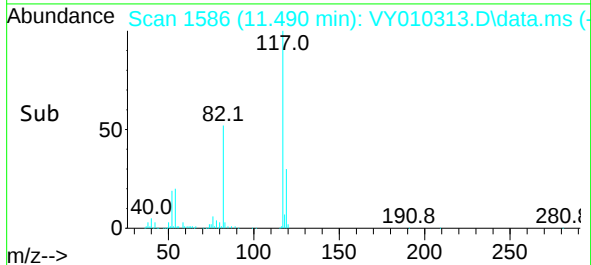
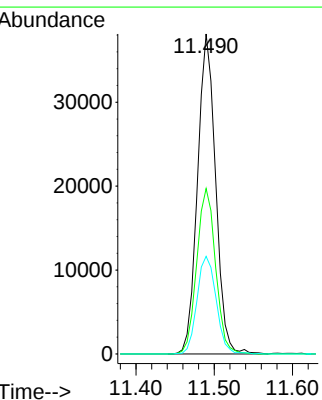
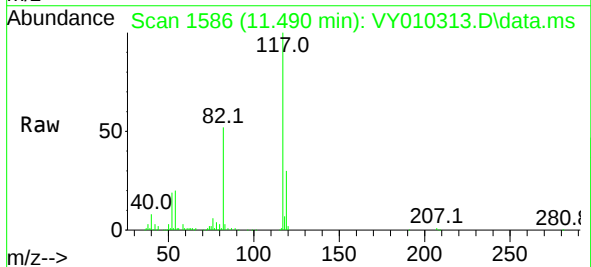
Instrument :
MSVOA_Y
ClientSampleId :
PC-1

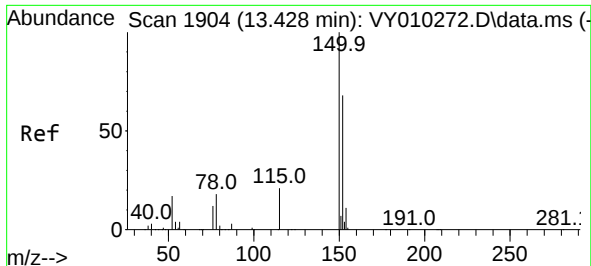
Tgt Ion: 95 Resp: 25572
Ion Ratio Lower Upper
95 100
174 84.3 0.0 177.0
176 83.8 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010313.D
Acq: 03 Sep 2022 06:06

Tgt Ion: 117 Resp: 61142
Ion Ratio Lower Upper
117 100
82 51.7 43.0 64.4
119 30.5 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: VY010313.D

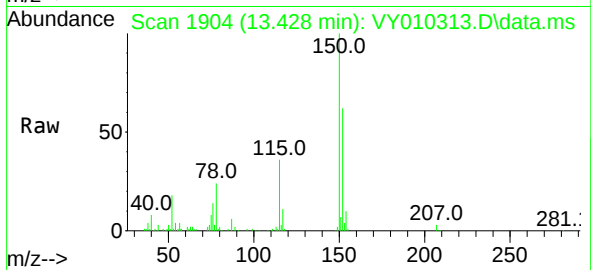
Acq: 03 Sep 2022 06:06

Instrument :

MSVOA_Y

ClientSampleId :

PC-1



Tgt Ion:152 Resp: 25079

Ion Ratio Lower Upper

152 100

115 57.7 28.2 84.7

150 157.8 0.0 347.6

