

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY083122\
 Data File : VY010251.D
 Acq On : 31 Aug 2022 17:28
 Operator : KP/MD
 Sample : N4375-04
 Misc : 6.67g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-4

Quant Time: Aug 31 23:42:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y083022S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 31 02:23:17 2022
 Response via : Initial Calibration

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

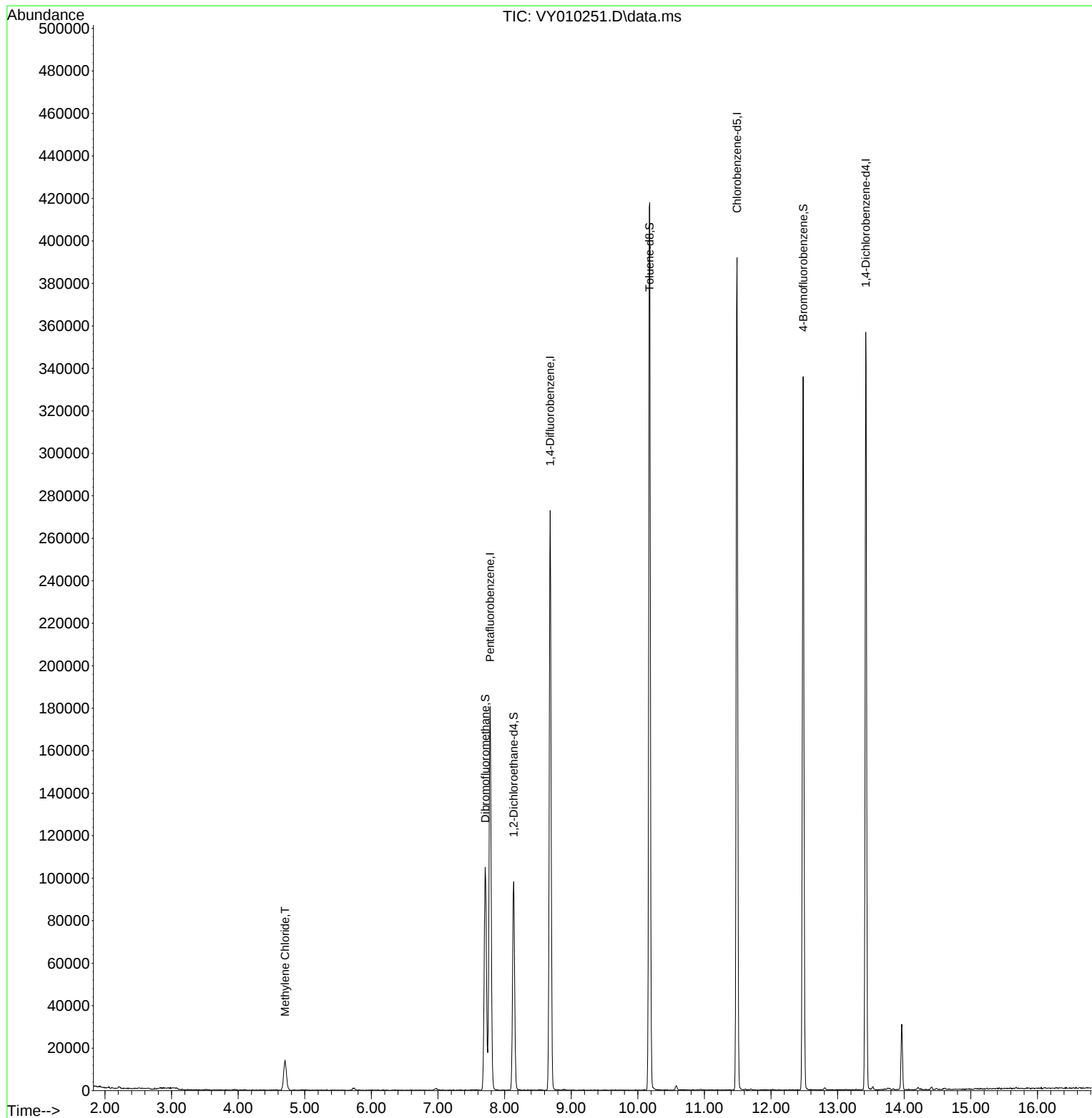
Internal Standards						
1) Pentafluorobenzene	7.783	168	149656	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	243211	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	227194	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100014	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	76515	60.723	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.440%	
35) Dibromofluoromethane	7.710	113	74568	53.366	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 106.740%	
50) Toluene-d8	10.179	98	285383	54.835	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.680%	
62) 4-Bromofluorobenzene	12.483	95	89171	46.019	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 92.040%	
Target Compounds						Qvalue
20) Methylene Chloride	4.704	84	10778	6.909	ug/l	# 83

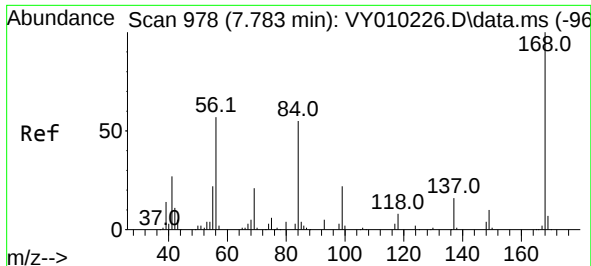
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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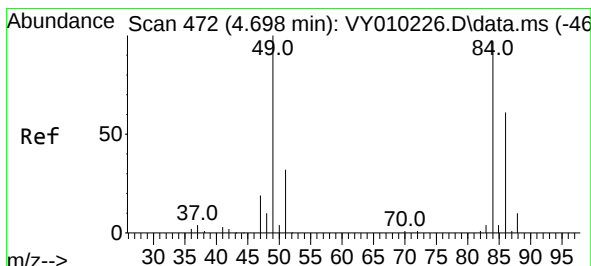
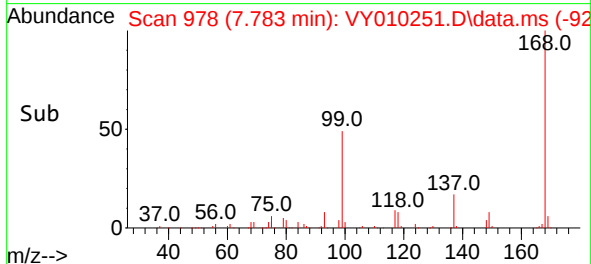
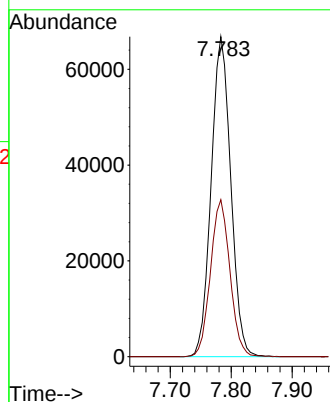
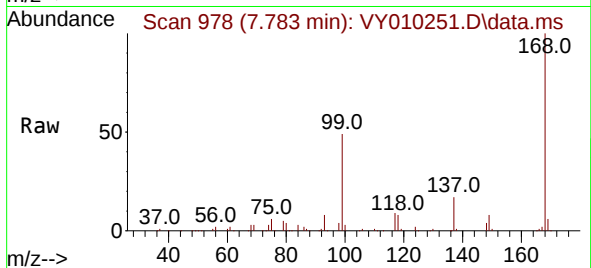




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

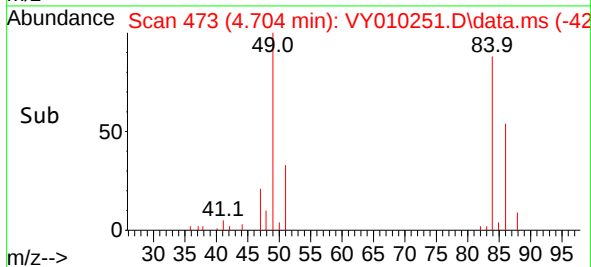
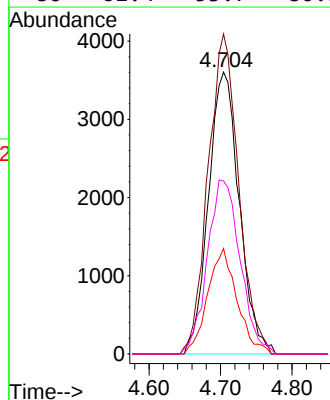
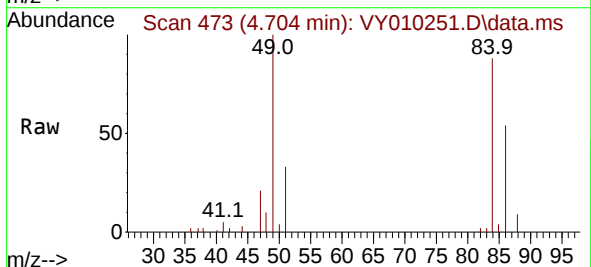
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

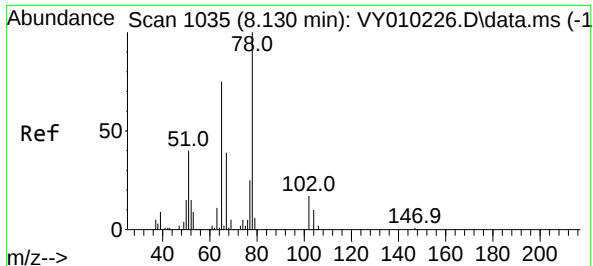
Tgt Ion:168 Resp: 149656
Ion Ratio Lower Upper
168 100
99 49.0 46.9 70.3



#20
Methylene Chloride
Concen: 6.909 ug/l
RT: 4.704 min Scan# 473
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 84 Resp: 10778
Ion Ratio Lower Upper
84 100
49 113.5 114.4 171.6#
51 37.4 35.3 52.9
86 61.4 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 60.723 ug/l

RT: 8.136 min Scan# 1035

Delta R.T. 0.006 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

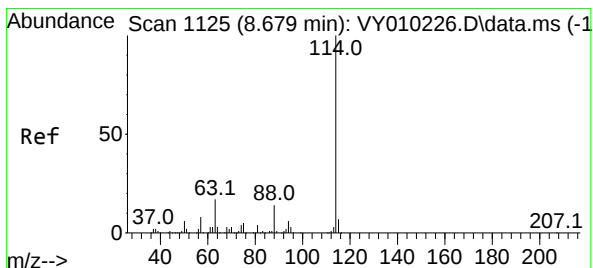
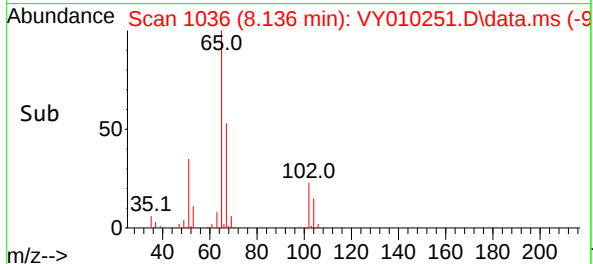
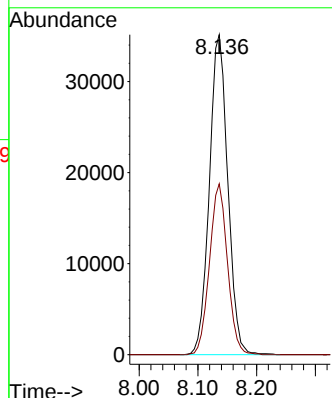
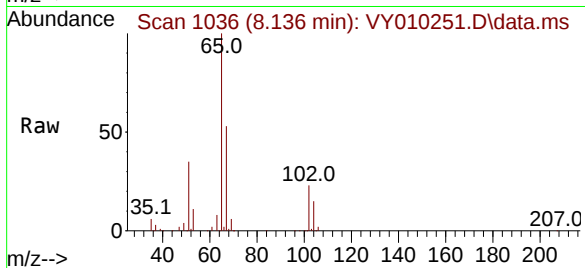
WC-4

Tgt Ion: 65 Resp: 76515

Ion Ratio Lower Upper

65 100

67 52.0 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. 0.006 min

Lab File: VY010251.D

Acq: 31 Aug 2022 17:28

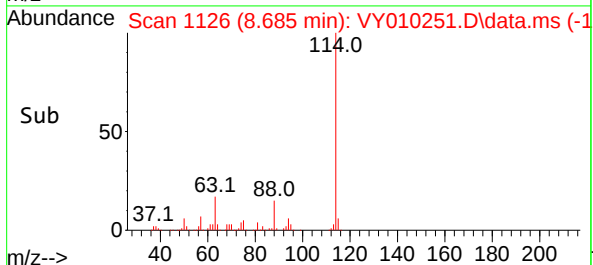
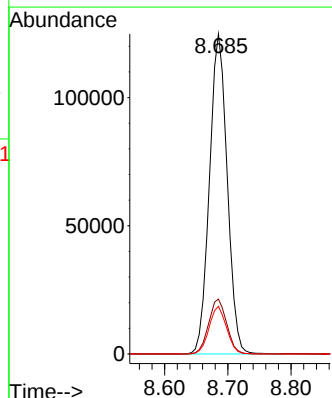
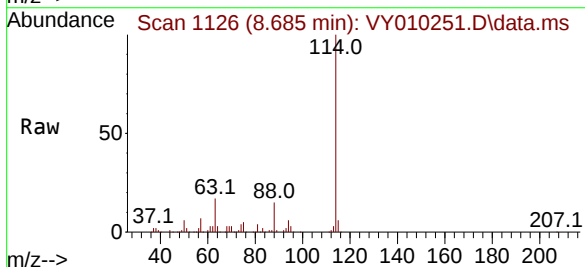
Tgt Ion: 114 Resp: 243211

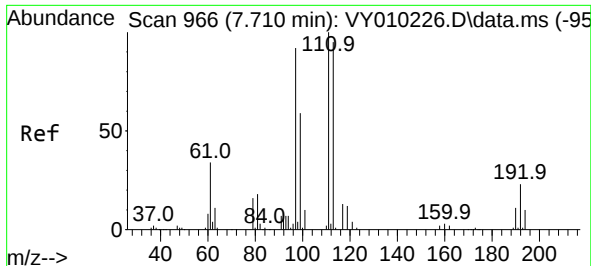
Ion Ratio Lower Upper

114 100

63 17.1 0.0 43.2

88 14.9 0.0 31.8

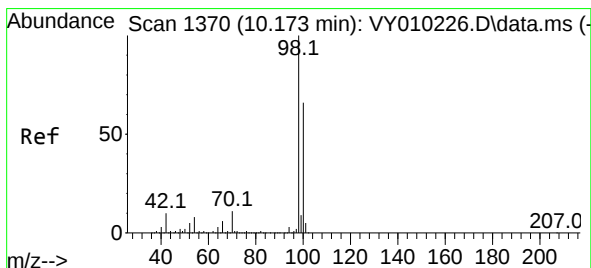
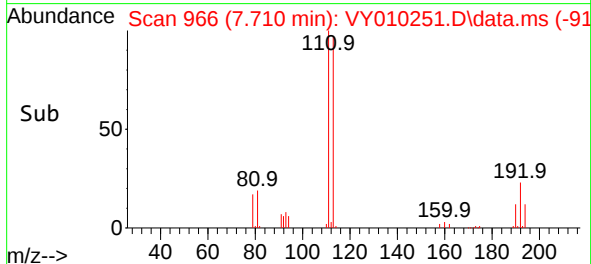
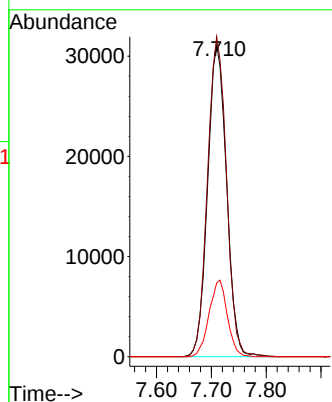
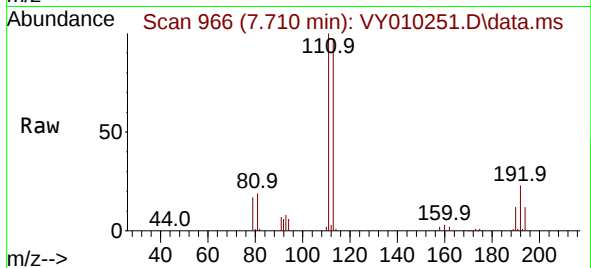




#35
Dibromofluoromethane
Concen: 53.366 ug/l
RT: 7.710 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

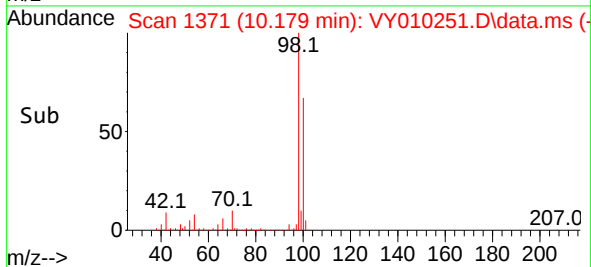
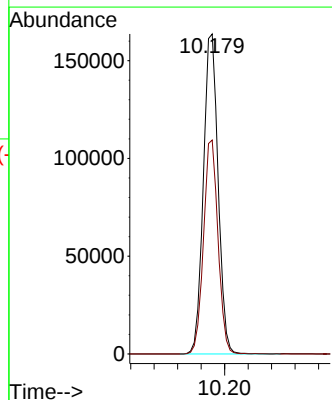
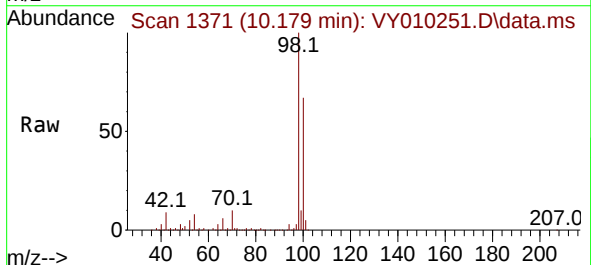
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

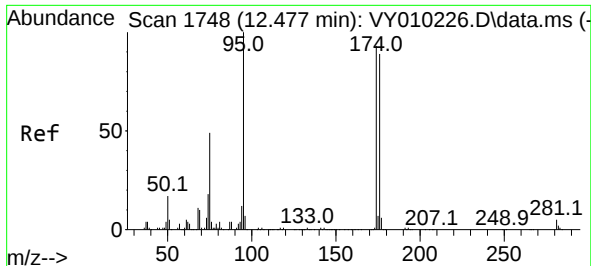
Tgt Ion:113 Resp: 74568
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 23.7 17.6 26.4



#50
Toluene-d8
Concen: 54.835 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 98 Resp: 285383
Ion Ratio Lower Upper
98 100
100 65.7 50.2 75.2

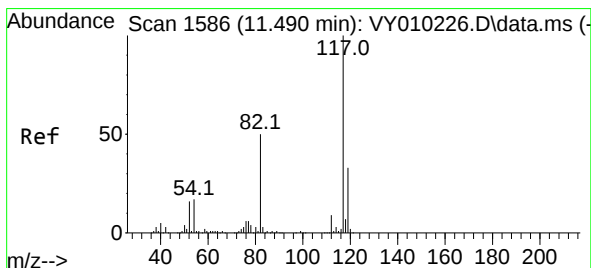
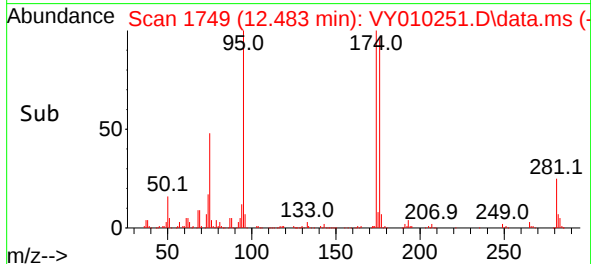
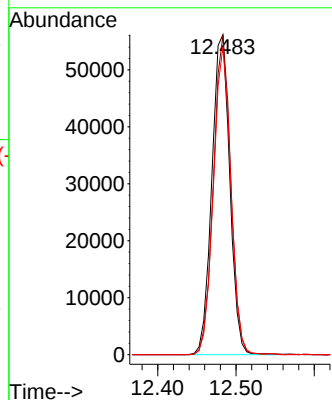
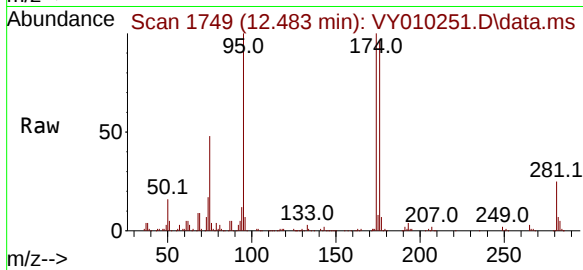




#62
4-Bromofluorobenzene
Concen: 46.019 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

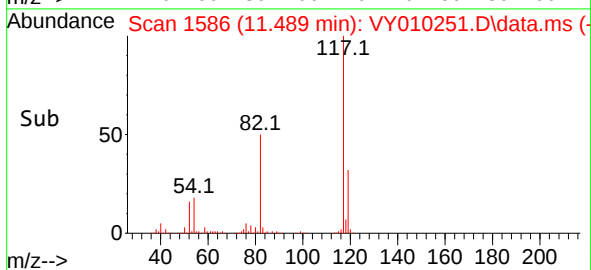
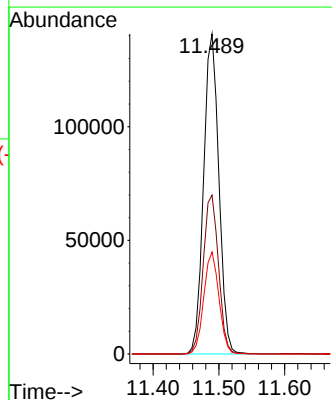
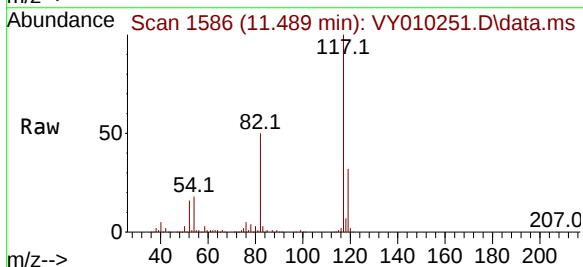
Instrument :
MSVOA_Y
ClientSampleId :
WC-4

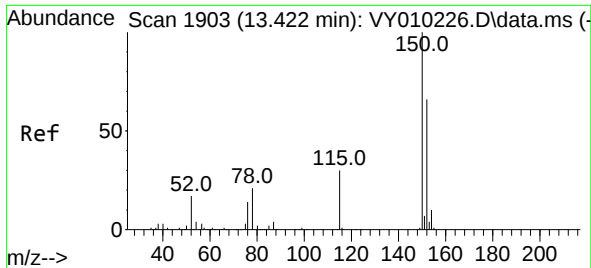
Tgt Ion: 95 Resp: 89171
Ion Ratio Lower Upper
95 100
174 96.8 0.0 177.0
176 93.6 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY010251.D
Acq: 31 Aug 2022 17:28

Tgt Ion: 117 Resp: 227194
Ion Ratio Lower Upper
117 100
82 49.6 43.0 64.4
119 31.8 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: VY010251.D

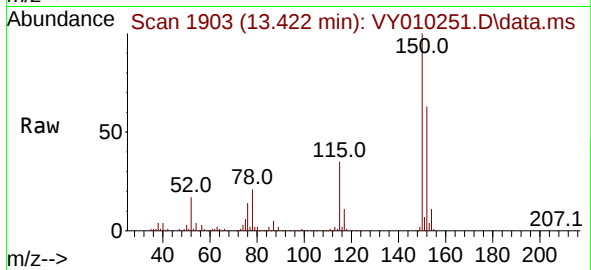
Acq: 31 Aug 2022 17:28

Instrument :

MSVOA_Y

ClientSampleId :

WC-4



Tgt Ion:152 Resp: 100014

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 157.4 0.0 347.6

