

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY101222\
 Data File : VY010945.D
 Acq On : 12 Oct 2022 16:26
 Operator : KP/MD
 Sample : N5105-01
 Misc : 6.45g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WC-7

Quant Time: Oct 13 05:35:46 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y100322S.M
 Quant Title : SW846 8260
 QLast Update : Tue Oct 04 07:26:22 2022
 Response via : Initial Calibration

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

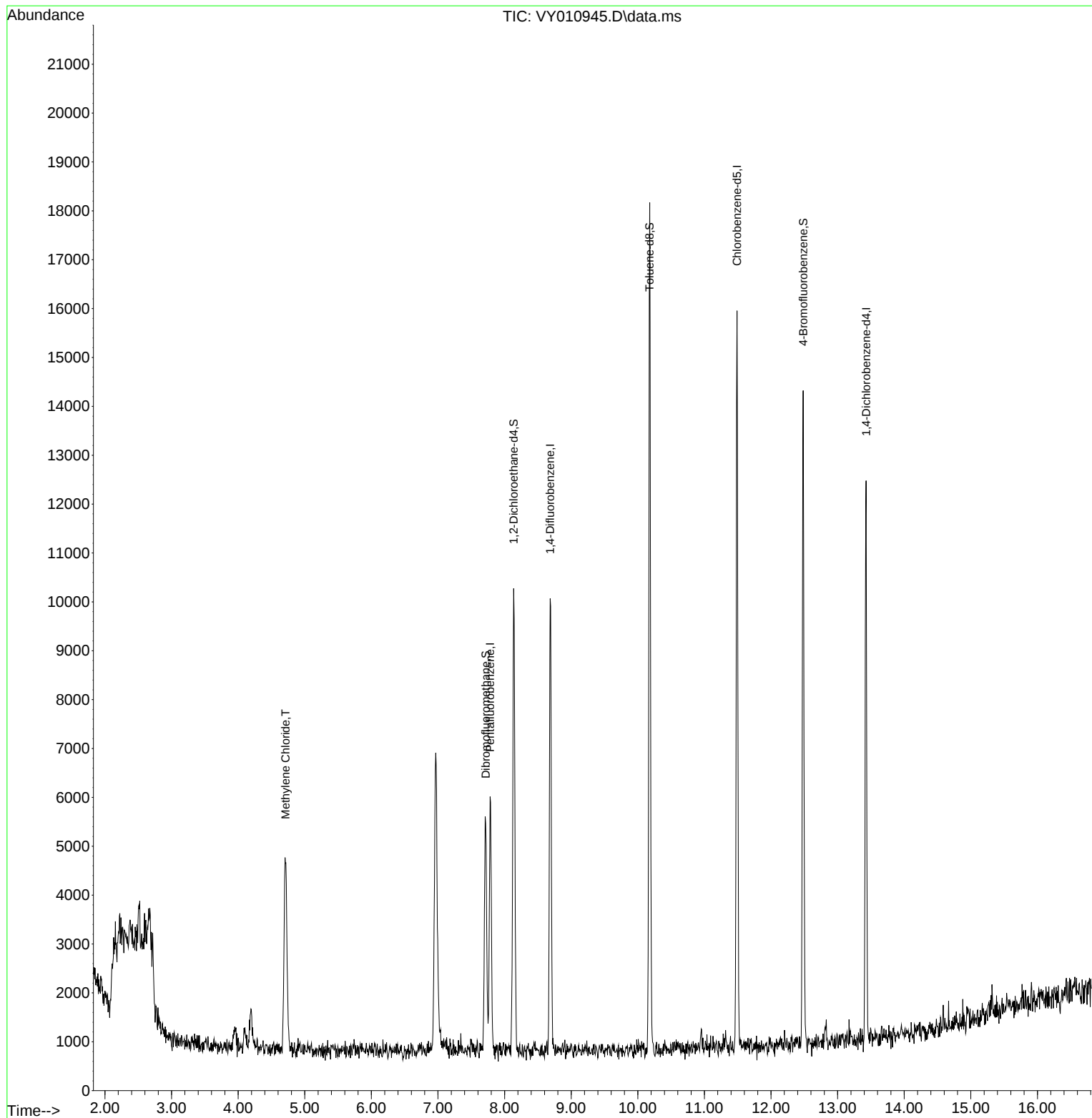
Internal Standards						
1) Pentafluorobenzene	7.783	168	4302	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	8569	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	8968	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3177	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	7287	167.109	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	334.220%#
35) Dibromofluoromethane	7.716	113	3550	62.410	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	124.820%
50) Toluene-d8	10.179	98	12203	62.731	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	125.460%
62) 4-Bromofluorobenzene	12.483	95	4020	53.125	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	106.260%
Target Compounds						Qvalue
20) Methylene Chloride	4.710	84	3172	67.146	ug/l #	78

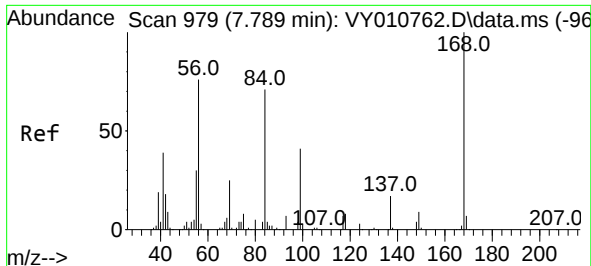
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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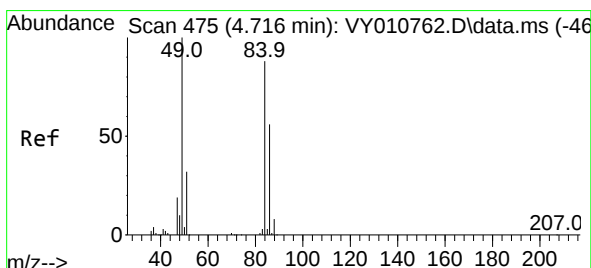
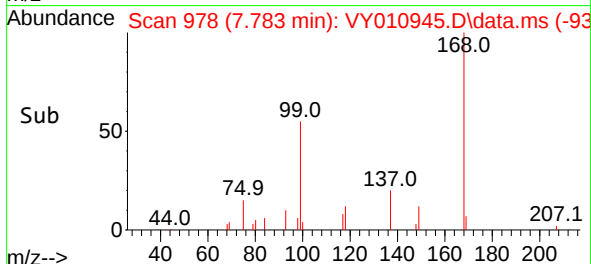
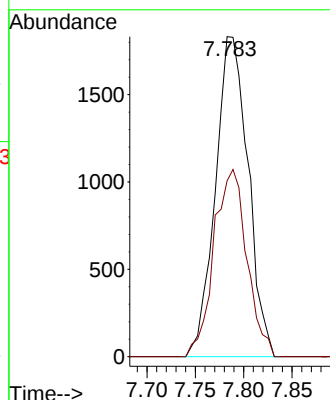
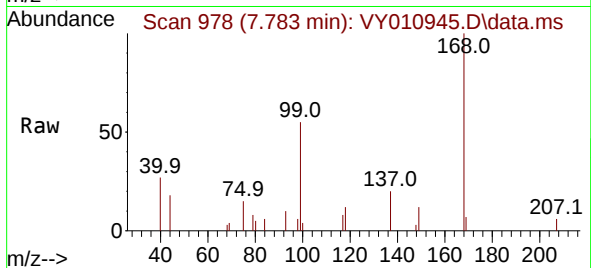




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

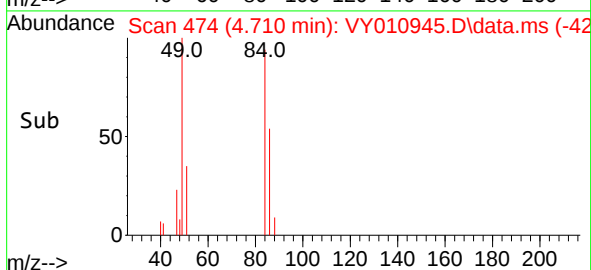
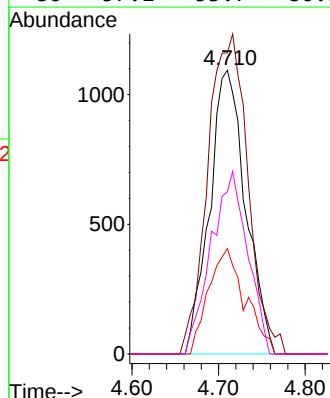
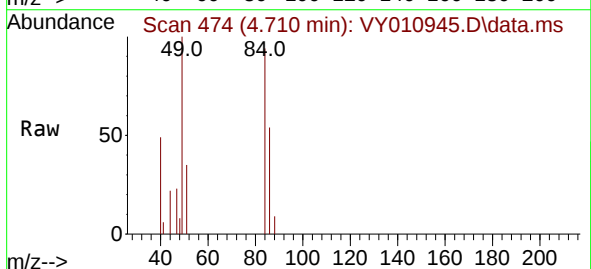
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

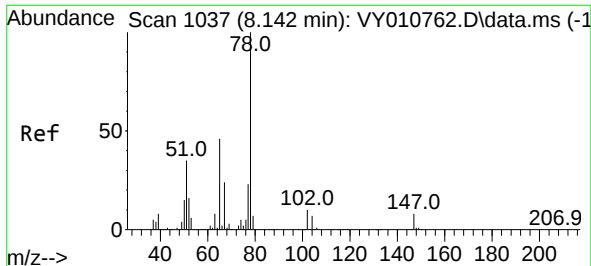
Tgt Ion:168 Resp: 4302
Ion Ratio Lower Upper
168 100
99 55.0 46.9 70.3



#20
Methylene Chloride
Concen: 67.146 ug/l
RT: 4.710 min Scan# 474
Delta R.T. -0.006 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

Tgt Ion: 84 Resp: 3172
Ion Ratio Lower Upper
84 100
49 106.1 114.4 171.6#
51 37.1 35.3 52.9
86 57.1 53.7 80.5





#33

1,2-Dichloroethane-d4

Concen: 167.109 ug/l

RT: 8.136 min Scan# 110

Delta R.T. -0.006 min

Lab File: VY010945.D

Acq: 12 Oct 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

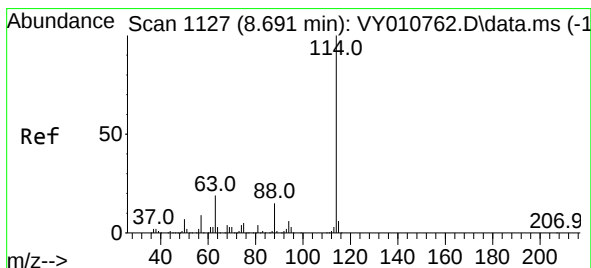
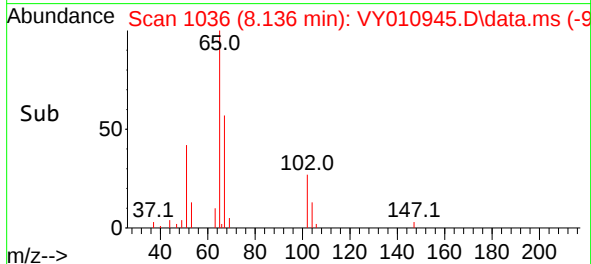
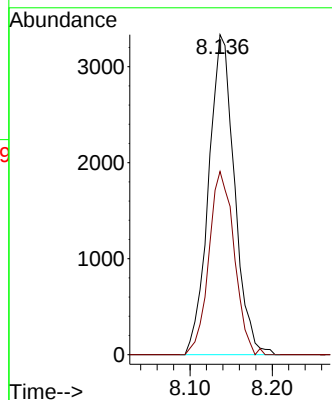
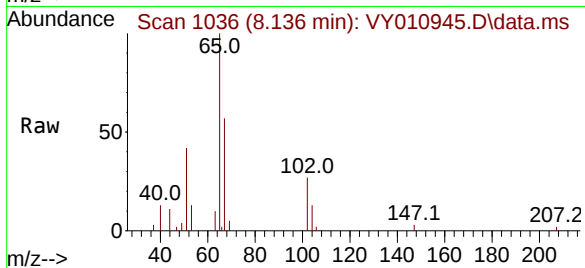
WC-7

Tgt Ion: 65 Resp: 7287

Ion Ratio Lower Upper

65 100

67 56.1 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: VY010945.D

Acq: 12 Oct 2022 16:26

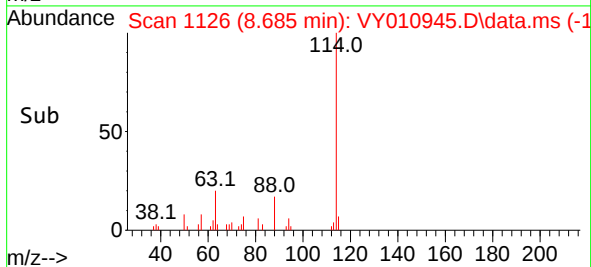
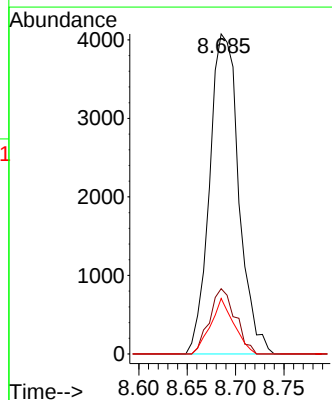
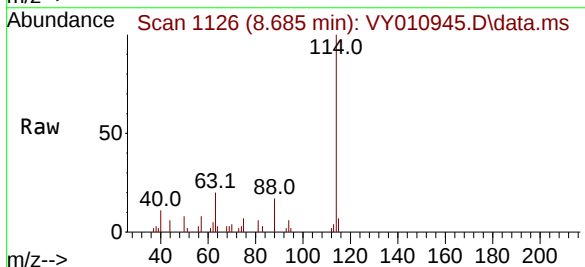
Tgt Ion: 114 Resp: 8569

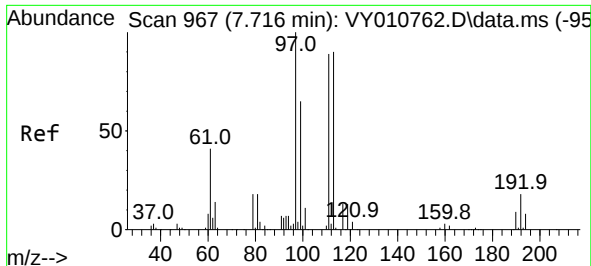
Ion Ratio Lower Upper

114 100

63 20.4 0.0 43.2

88 17.4 0.0 31.8

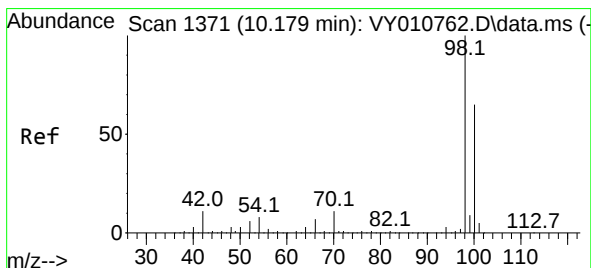
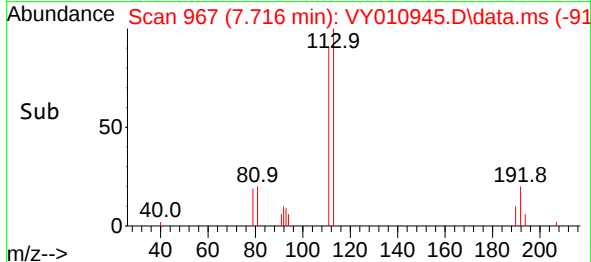
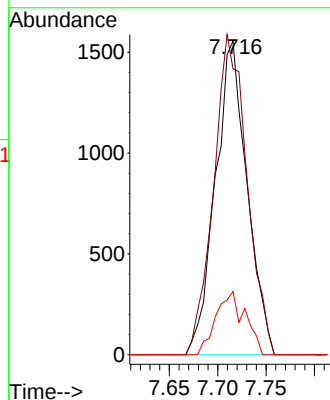
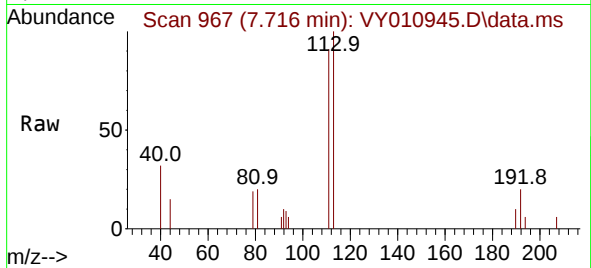




#35
Dibromofluoromethane
Concen: 62.410 ug/l
RT: 7.716 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

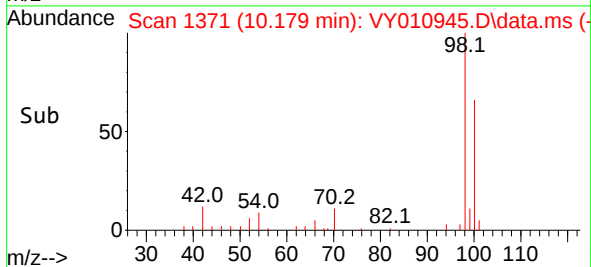
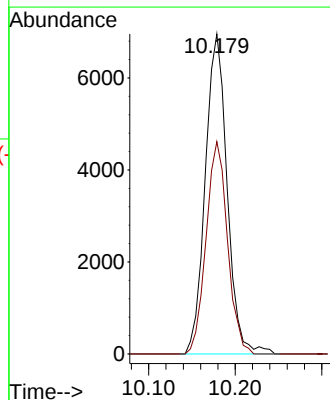
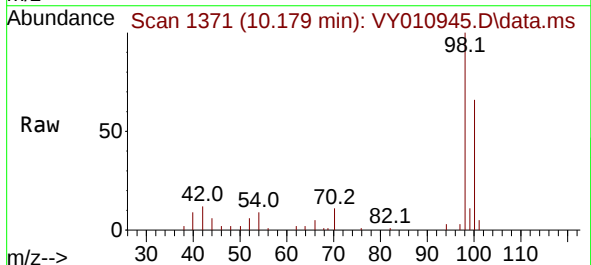
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

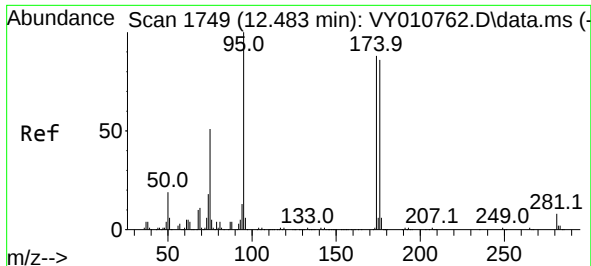
Tgt Ion:113 Resp: 3550
Ion Ratio Lower Upper
113 100
111 106.9 82.6 124.0
192 18.5 17.6 26.4



#50
Toluene-d8
Concen: 62.731 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

Tgt Ion: 98 Resp: 12203
Ion Ratio Lower Upper
98 100
100 65.0 50.2 75.2

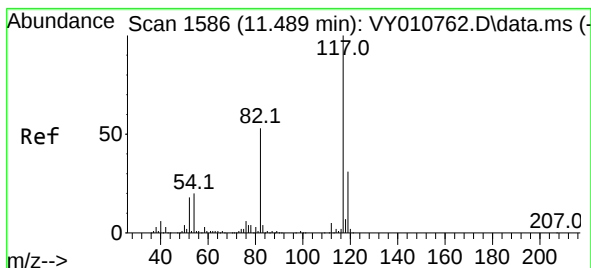
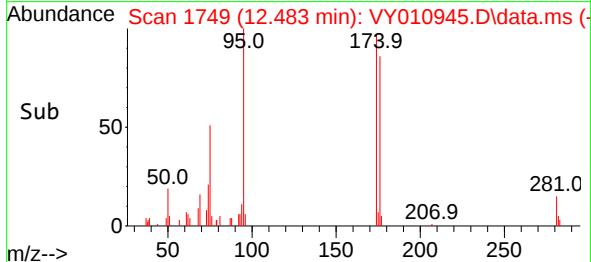
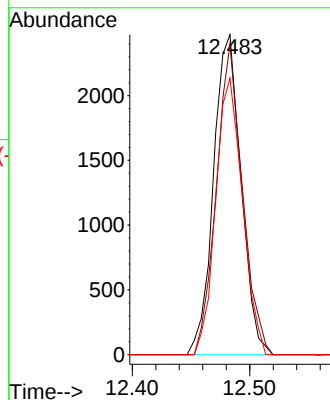
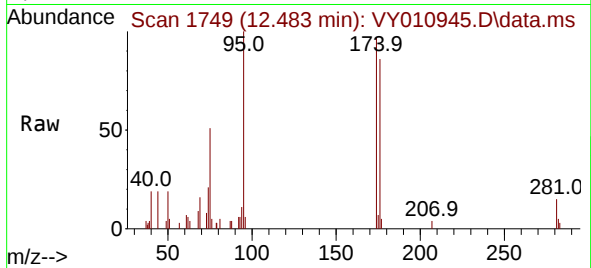




#62
4-Bromofluorobenzene
Concen: 53.125 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

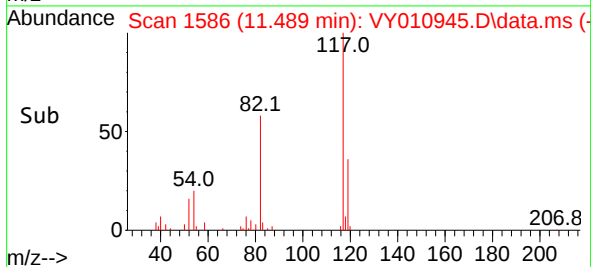
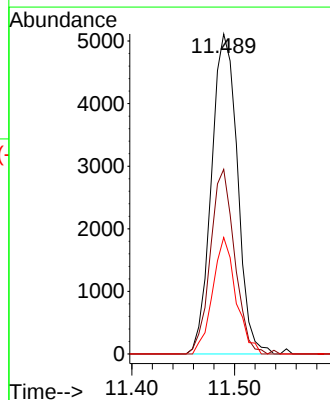
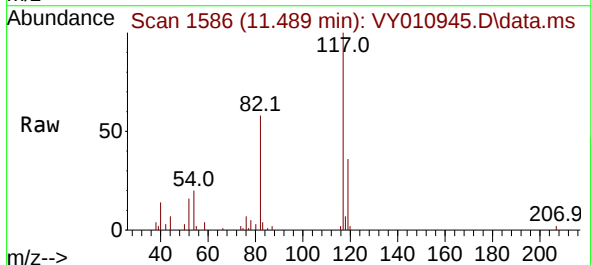
Instrument :
MSVOA_Y
ClientSampleId :
WC-7

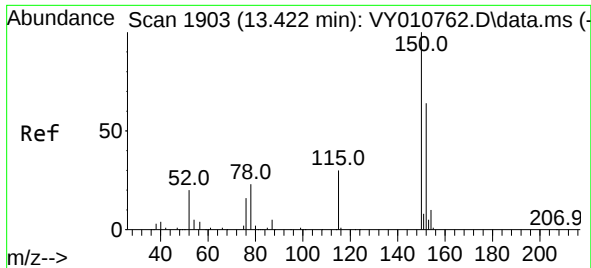
Tgt Ion: 95 Resp: 4020
Ion Ratio Lower Upper
95 100
174 92.0 0.0 177.0
176 84.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY010945.D
Acq: 12 Oct 2022 16:26

Tgt Ion: 117 Resp: 8968
Ion Ratio Lower Upper
117 100
82 57.7 43.0 64.4
119 36.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY010945.D

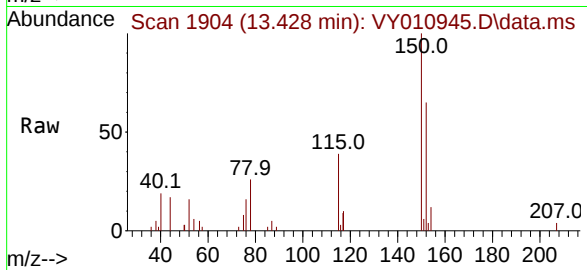
Acq: 12 Oct 2022 16:26

Instrument :

MSVOA_Y

ClientSampleId :

WC-7



Tgt Ion:152 Resp: 3177

Ion Ratio Lower Upper

152 100

115 63.0 28.2 84.7

150 159.3 0.0 347.6

