

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009098.D
 Acq On : 25 May 2022 18:27
 Operator : KP/MD
 Sample : N3025-02
 Misc : 6.26g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOUTH-SW

Quant Time: May 26 04:31:43 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052022S.M
 Quant Title : SW846 8260
 QLast Update : Fri May 20 23:50:52 2022
 Response via : Initial Calibration

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

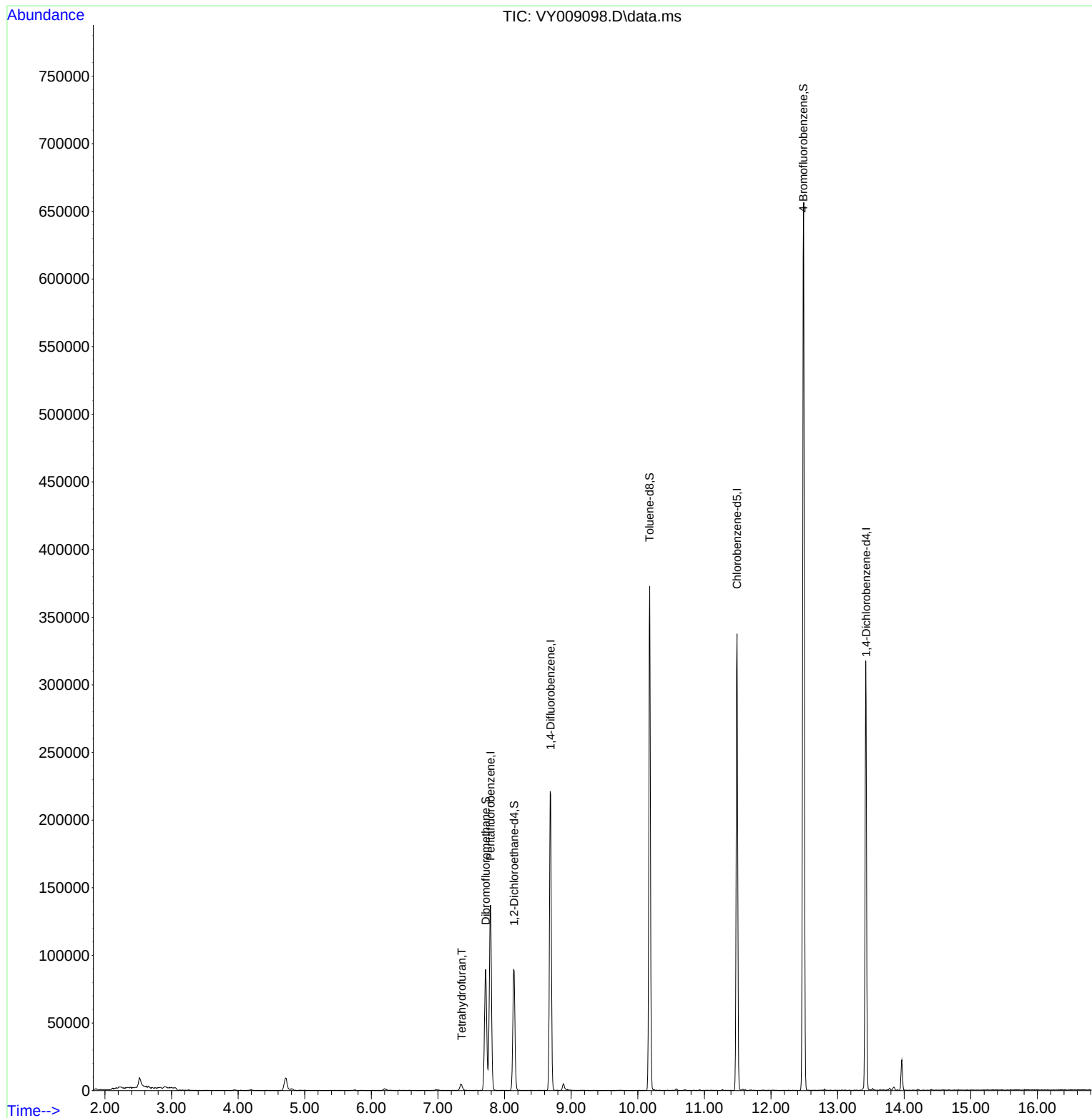
Internal Standards						
1) Pentafluorobenzene	7.789	168	103191	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	185332	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	173721	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74651	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67699	63.745	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.500%	
35) Dibromofluoromethane	7.716	113	59558	51.679	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.360%	
50) Toluene-d8	10.179	98	231258	54.393	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 108.780%	
62) 4-Bromofluorobenzene	12.483	95	73593	42.910	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.820%	
Target Compounds						
29) Tetrahydrofuran	7.356	42	3362	12.535	ug/l	Qvalue 90

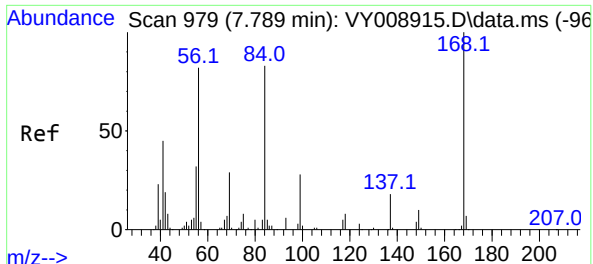
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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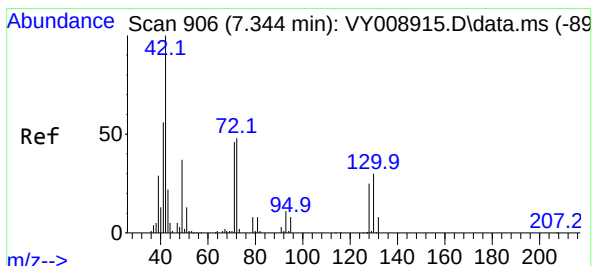
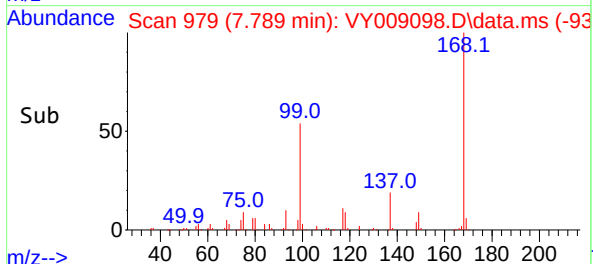
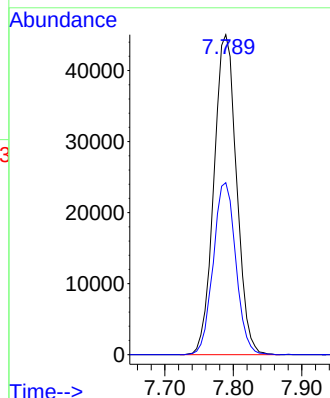
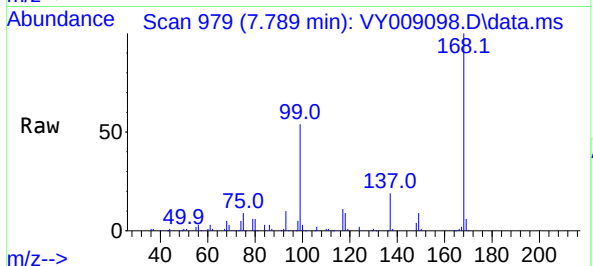




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

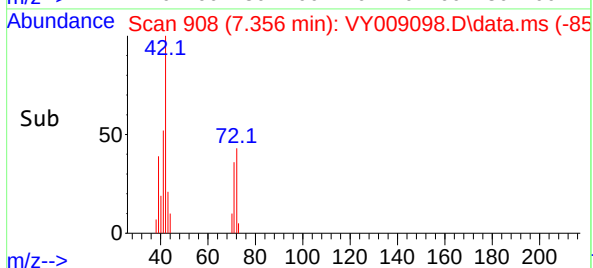
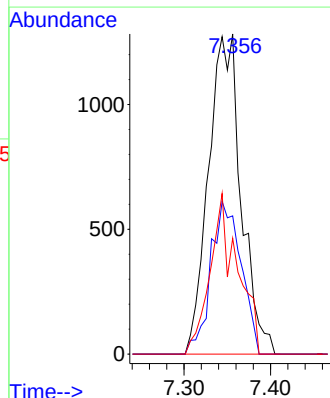
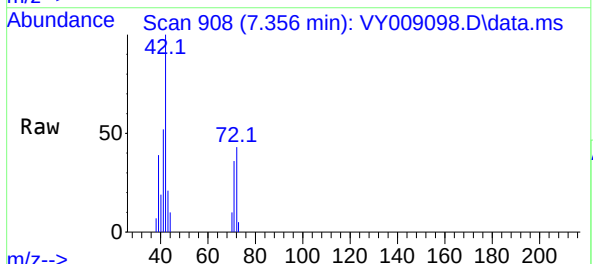
Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-SW

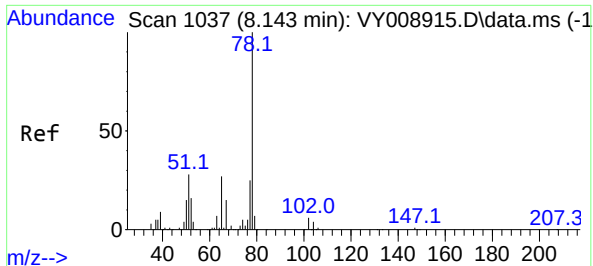
Tgt Ion:168 Resp: 103191
Ion Ratio Lower Upper
168 100
99 53.8 46.9 70.3



#29
Tetrahydrofuran
Concen: 12.535 ug/l
RT: 7.356 min Scan# 908
Delta R.T. 0.012 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

Tgt Ion: 42 Resp: 3362
Ion Ratio Lower Upper
42 100
72 44.3 30.3 45.5
71 42.1 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 63.745 ug/l

RT: 8.143 min Scan# 110

Delta R.T. -0.000 min

Lab File: VY009098.D

Acq: 25 May 2022 18:27

Instrument :

MSVOA_Y

ClientSampleId :

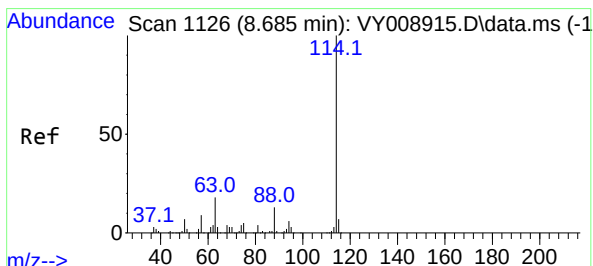
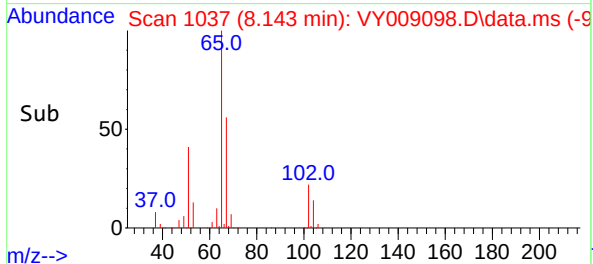
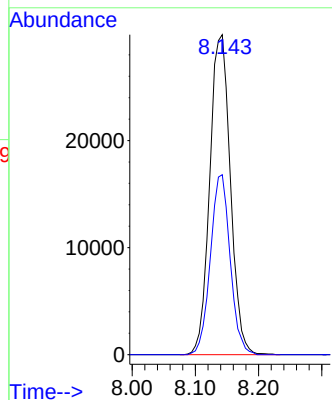
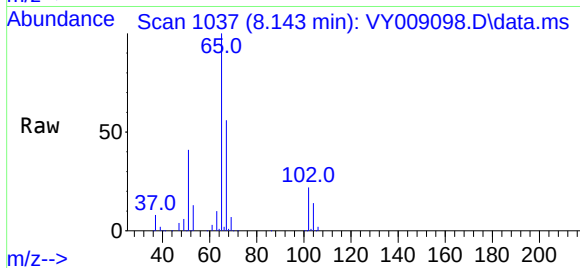
SOUTH-SW

Tgt Ion: 65 Resp: 67699

Ion Ratio Lower Upper

65 100

67 53.7 0.0 99.4



#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.006 min

Lab File: VY009098.D

Acq: 25 May 2022 18:27

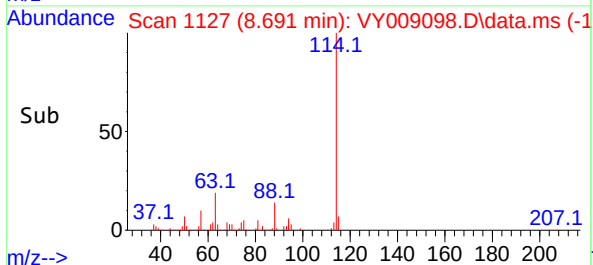
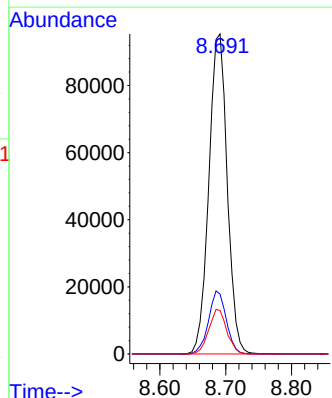
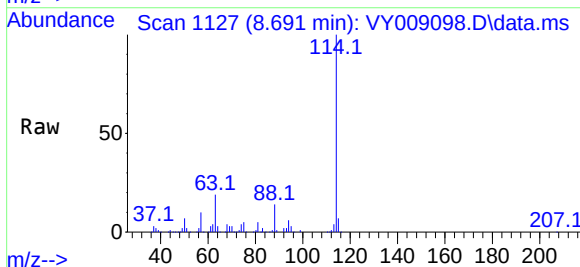
Tgt Ion:114 Resp: 185332

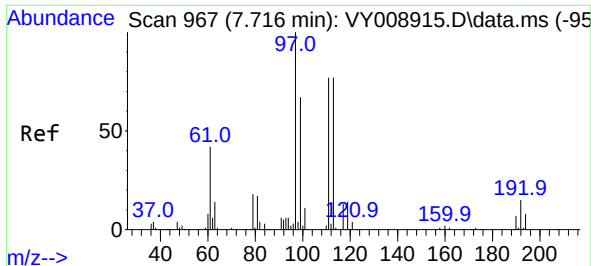
Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.6 0.0 31.8

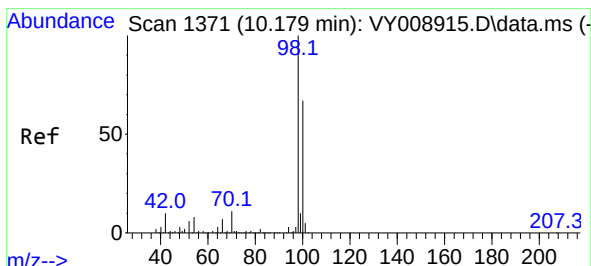
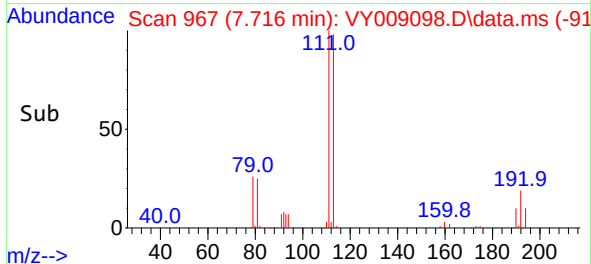
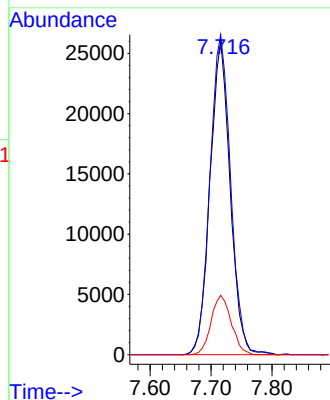
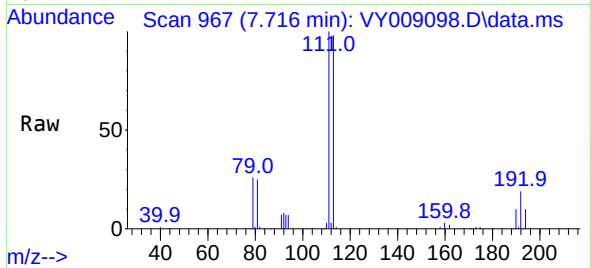




#35
Dibromofluoromethane
Concen: 51.679 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

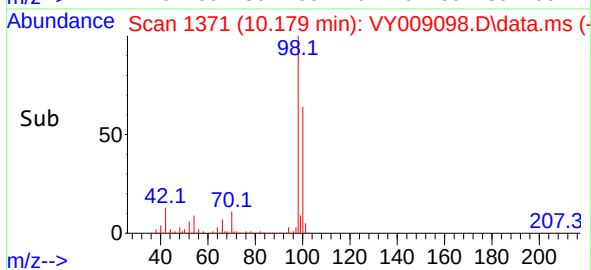
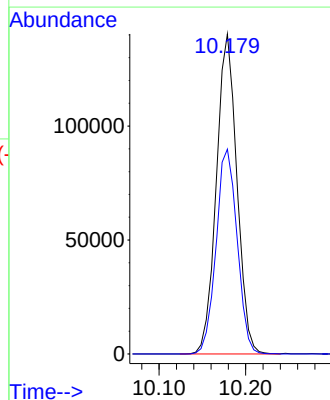
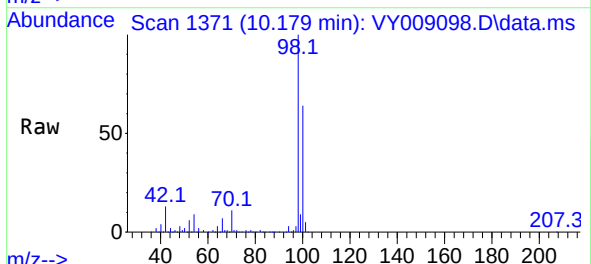
Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-SW

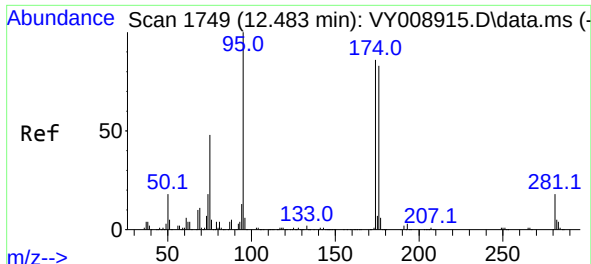
Tgt Ion:113 Resp: 59558
Ion Ratio Lower Upper
113 100
111 105.2 82.6 124.0
192 19.0 17.6 26.4



#50
Toluene-d8
Concen: 54.393 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

Tgt Ion: 98 Resp: 231258
Ion Ratio Lower Upper
98 100
100 65.5 50.2 75.2

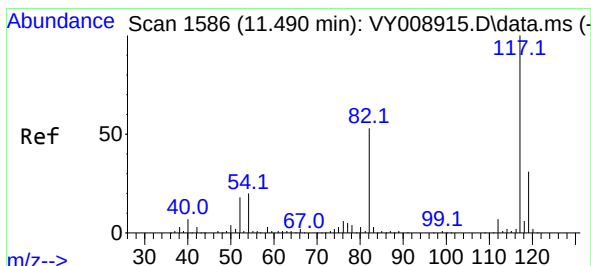
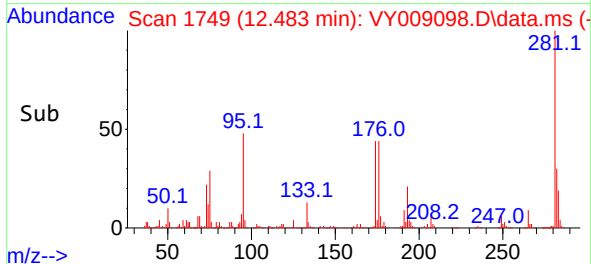
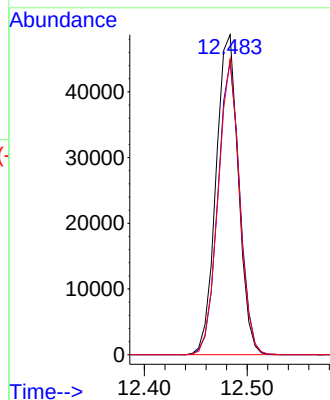
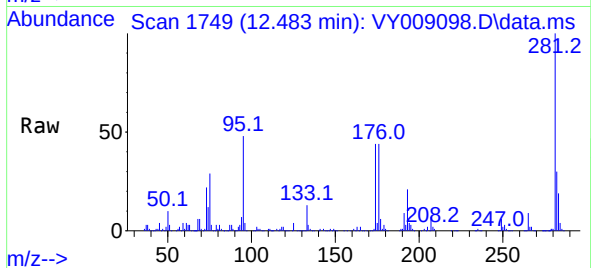




#62
4-Bromofluorobenzene
Concen: 42.910 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

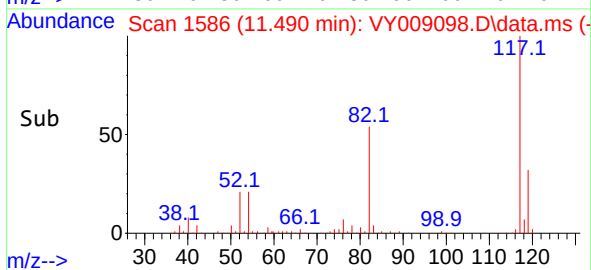
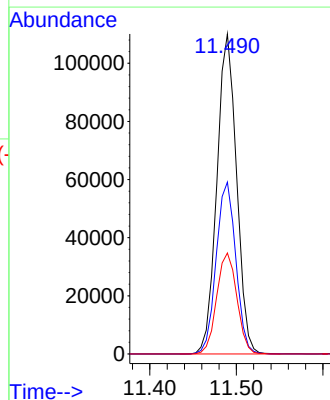
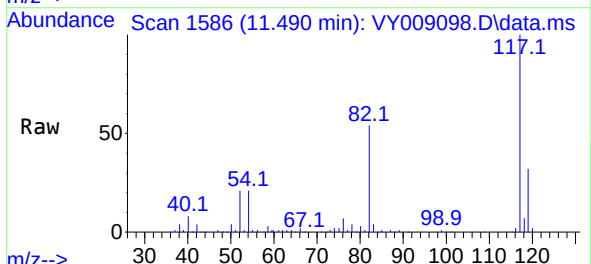
Instrument :
MSVOA_Y
ClientSampleId :
SOUTH-SW

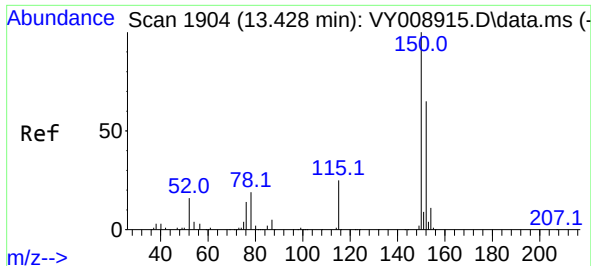
Tgt Ion: 95 Resp: 73593
Ion Ratio Lower Upper
95 100
174 89.2 0.0 177.0
176 88.2 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009098.D
Acq: 25 May 2022 18:27

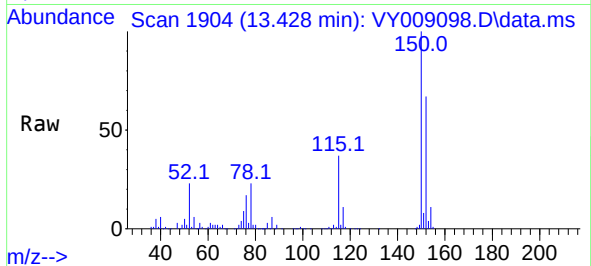
Tgt Ion: 117 Resp: 173721
Ion Ratio Lower Upper
117 100
82 53.7 43.0 64.4
119 31.6 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009098.D
 Acq: 25 May 2022 18:27

Instrument :
 MSVOA_Y
 ClientSampleId :
 SOUTH-SW



Tgt Ion:152 Resp: 74651
 Ion Ratio Lower Upper
 152 100
 115 56.8 28.2 84.7
 150 158.0 0.0 347.6

