

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009100.D
 Acq On : 25 May 2022 19:13
 Operator : KP/MD
 Sample : N3025-04
 Misc : 7.25g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-SW

Quant Time: May 26 04:32:09 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)

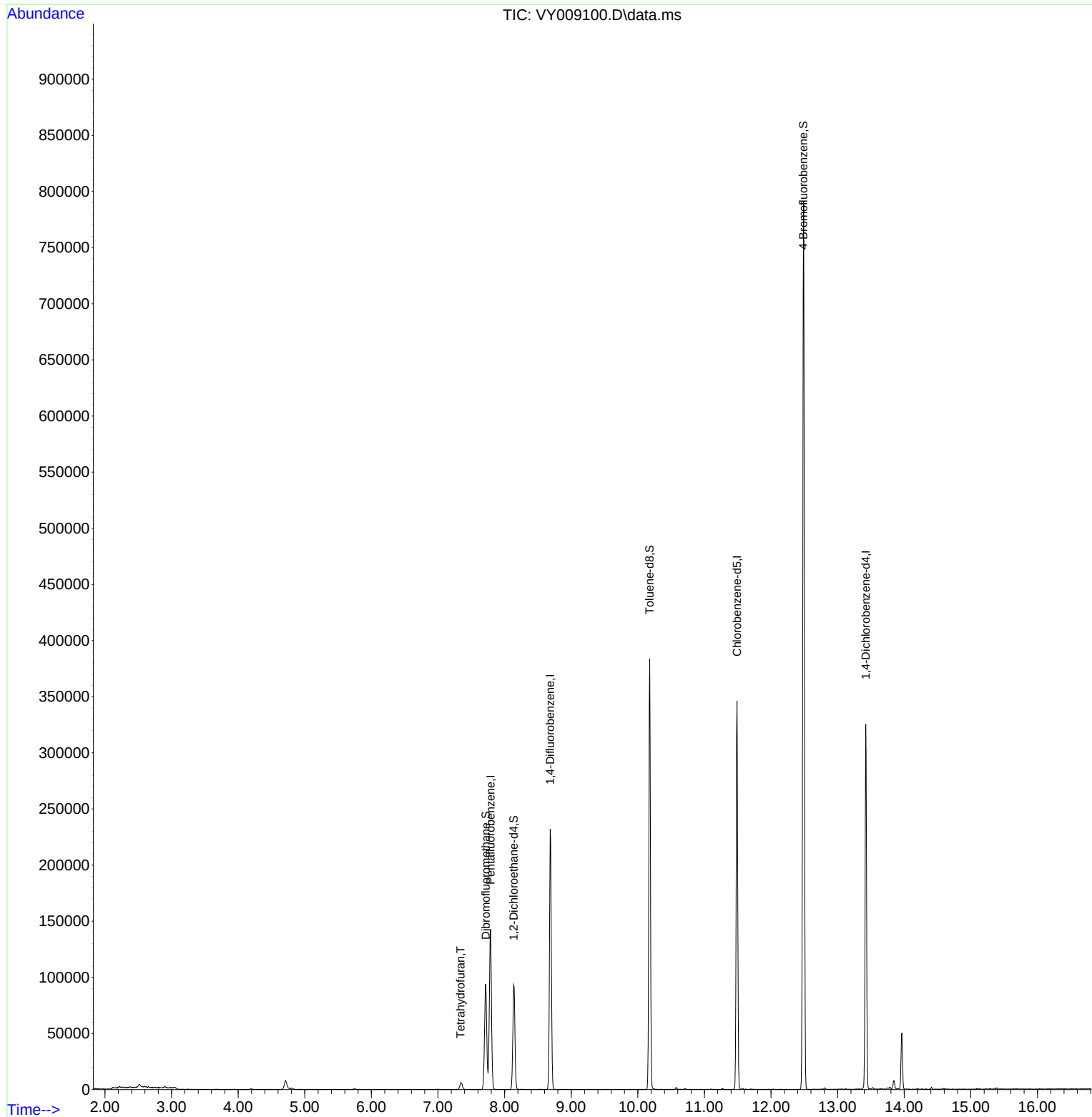
Internal Standards						
1) Pentafluorobenzene	7.789	168	105356	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	192950	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	178142	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	75999	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68902	63.545	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 127.080%	
35) Dibromofluoromethane	7.716	113	61865	51.561	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.120%	
50) Toluene-d8	10.179	98	238982	53.990	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 107.980%	
62) 4-Bromofluorobenzene	12.483	95	76137	42.640	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 85.280%	
Target Compounds						
29) Tetrahydrofuran	7.338	42	4599	16.794	ug/l	Qvalue # 86

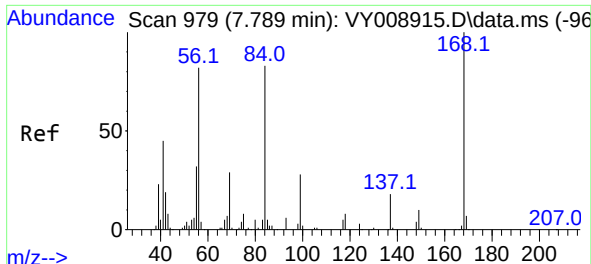
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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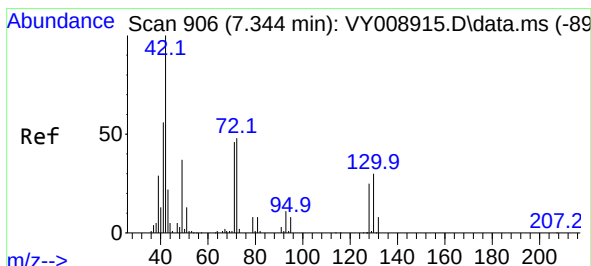
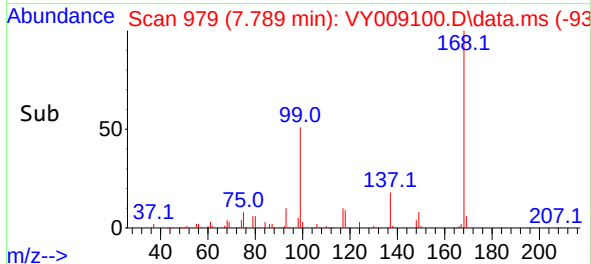
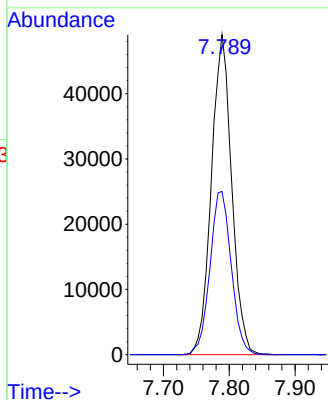
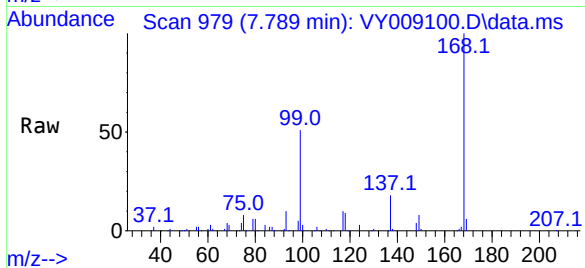




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

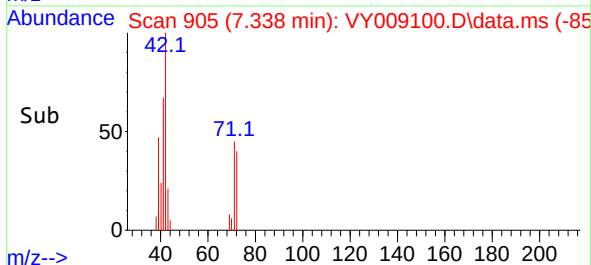
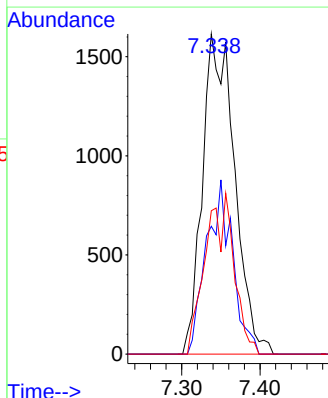
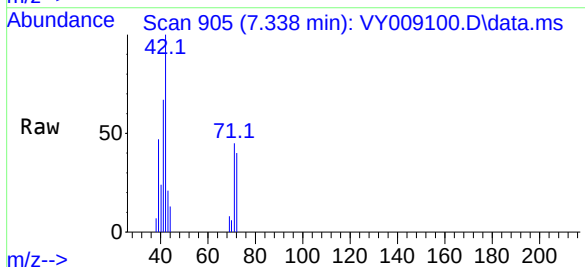
Instrument :
MSVOA_Y
ClientSampleId :
WEST-SW

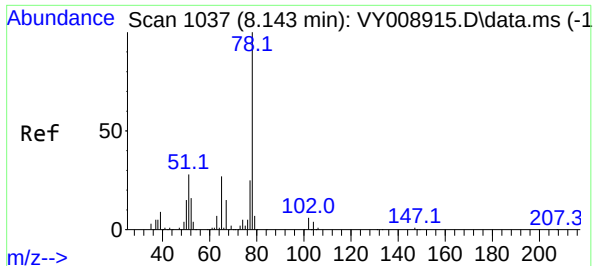
Tgt Ion:168 Resp: 105356
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#29
Tetrahydrofuran
Concen: 16.794 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

Tgt Ion: 42 Resp: 4599
Ion Ratio Lower Upper
42 100
72 44.2 30.3 45.5
71 26.2 29.0 43.4#





#33

1,2-Dichloroethane-d4

Concen: 63.545 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009100.D

Acq: 25 May 2022 19:13

Instrument :

MSVOA_Y

ClientSampleId :

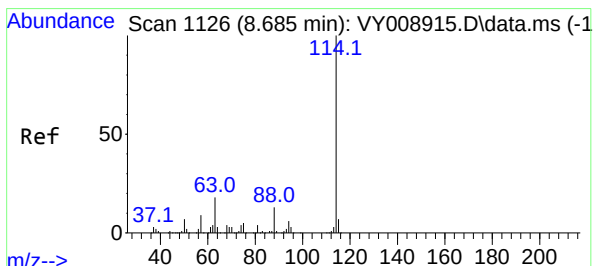
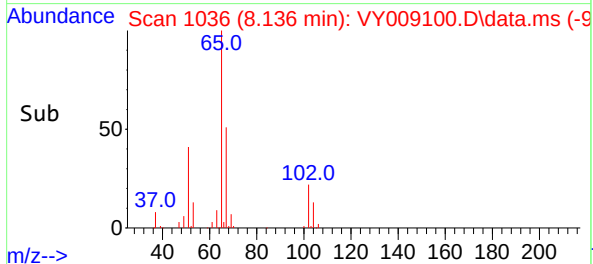
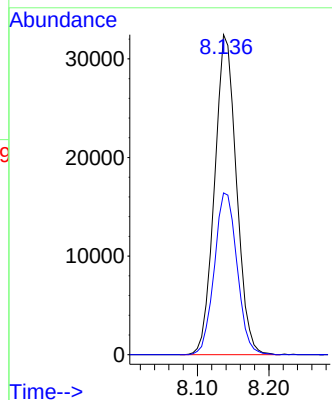
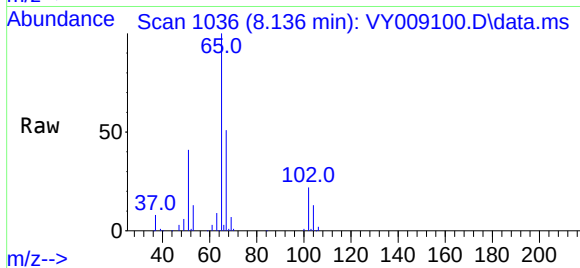
WEST-SW

Tgt Ion: 65 Resp: 68902

Ion Ratio Lower Upper

65 100

67 52.5 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: VY009100.D

Acq: 25 May 2022 19:13

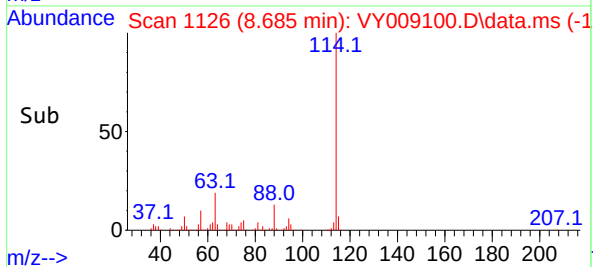
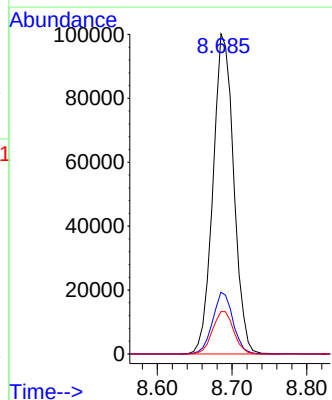
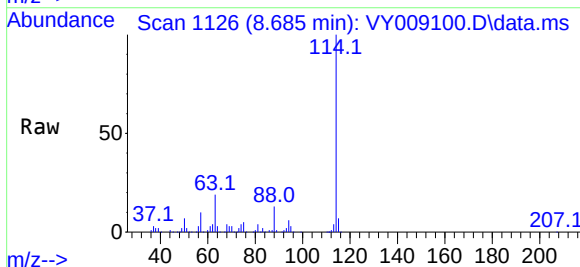
Tgt Ion:114 Resp: 192950

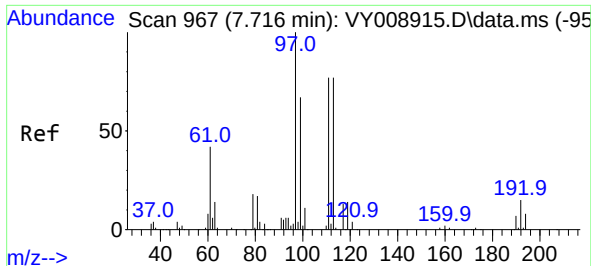
Ion Ratio Lower Upper

114 100

63 19.3 0.0 43.2

88 13.2 0.0 31.8

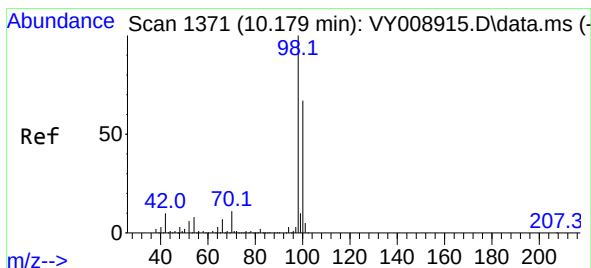
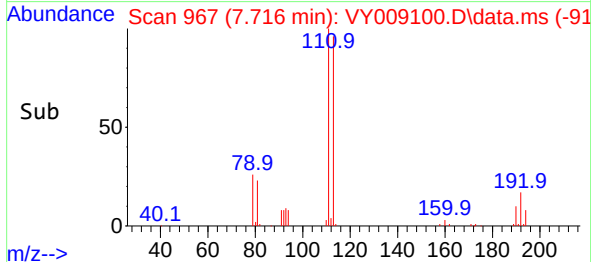
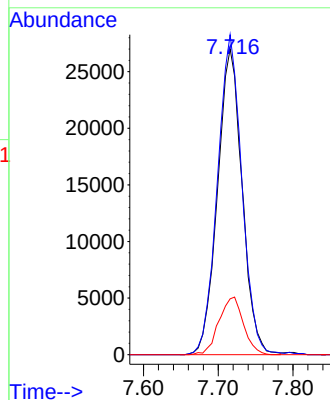
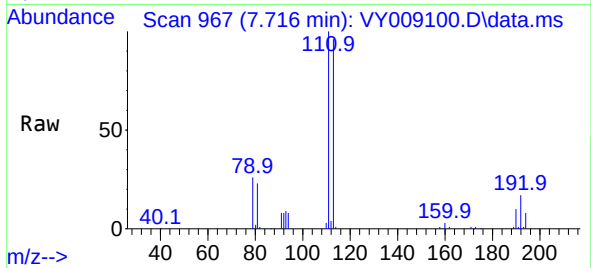




#35
Dibromofluoromethane
Concen: 51.561 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

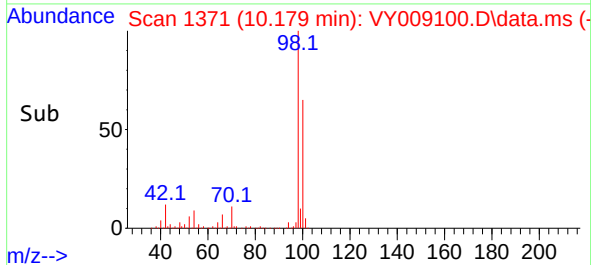
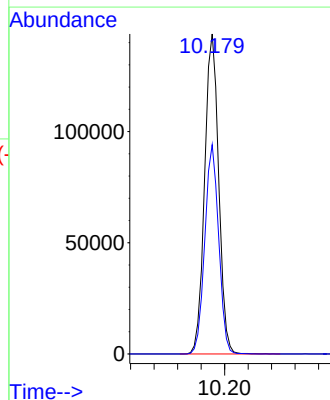
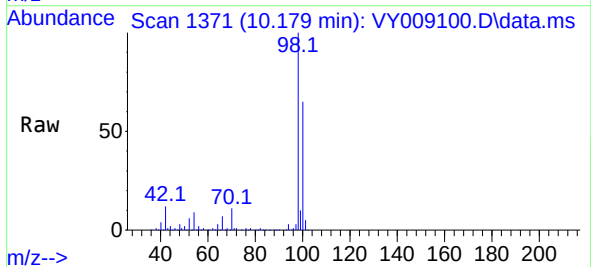
Instrument :
MSVOA_Y
ClientSampleId :
WEST-SW

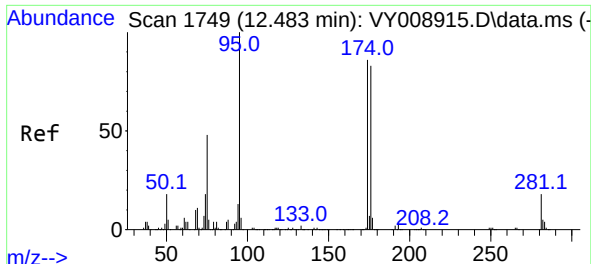
Tgt Ion:113 Resp: 61865
Ion Ratio Lower Upper
113 100
111 103.8 82.6 124.0
192 18.8 17.6 26.4



#50
Toluene-d8
Concen: 53.990 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

Tgt Ion: 98 Resp: 238982
Ion Ratio Lower Upper
98 100
100 64.6 50.2 75.2

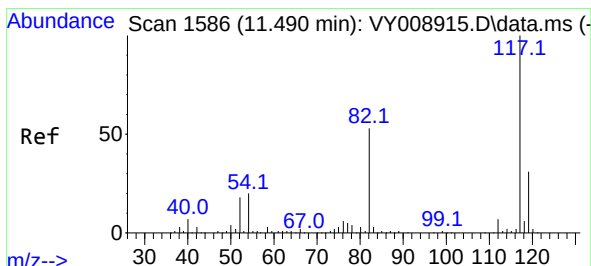
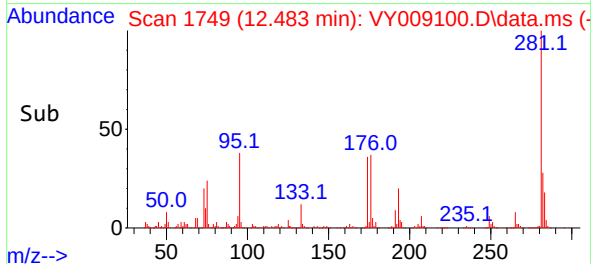
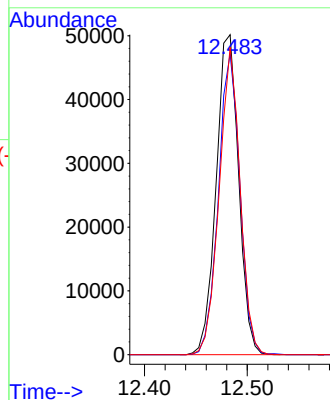
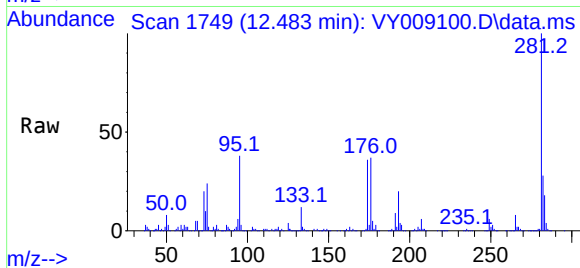




#62
4-Bromofluorobenzene
Concen: 42.640 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

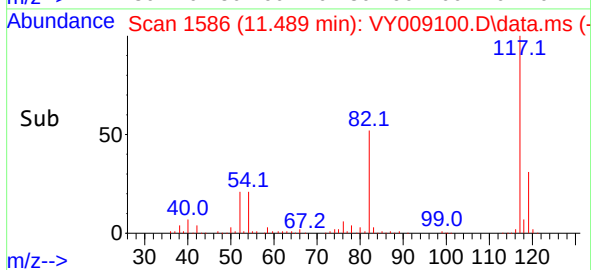
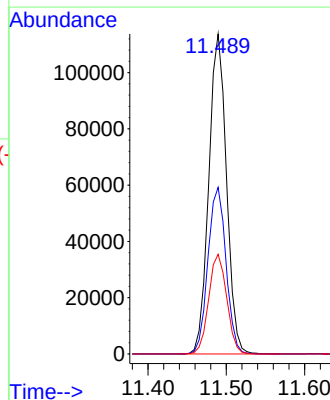
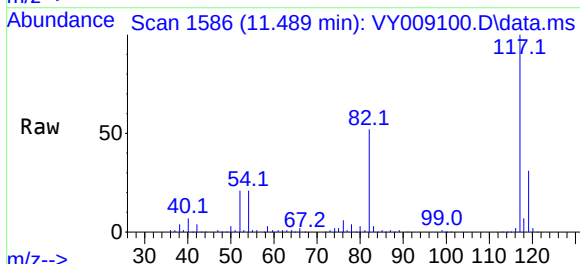
Instrument :
MSVOA_Y
ClientSampleId :
WEST-SW

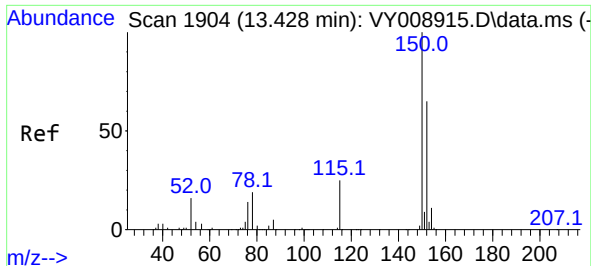
Tgt Ion: 95 Resp: 76137
Ion Ratio Lower Upper
95 100
174 90.2 0.0 177.0
176 89.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009100.D
Acq: 25 May 2022 19:13

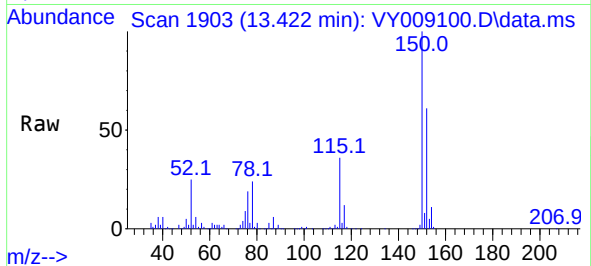
Tgt Ion: 117 Resp: 178142
Ion Ratio Lower Upper
117 100
82 52.1 43.0 64.4
119 31.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009100.D
 Acq: 25 May 2022 19:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 WEST-SW



Tgt Ion:152 Resp: 75999
 Ion Ratio Lower Upper
 152 100
 115 56.3 28.2 84.7
 150 157.4 0.0 347.6

