

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052522\
 Data File : VY009097.D
 Acq On : 25 May 2022 18:03
 Operator : KP/MD
 Sample : N3025-01
 Misc : 6.05g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-SW

Quant Time: May 26 04:31:30 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)

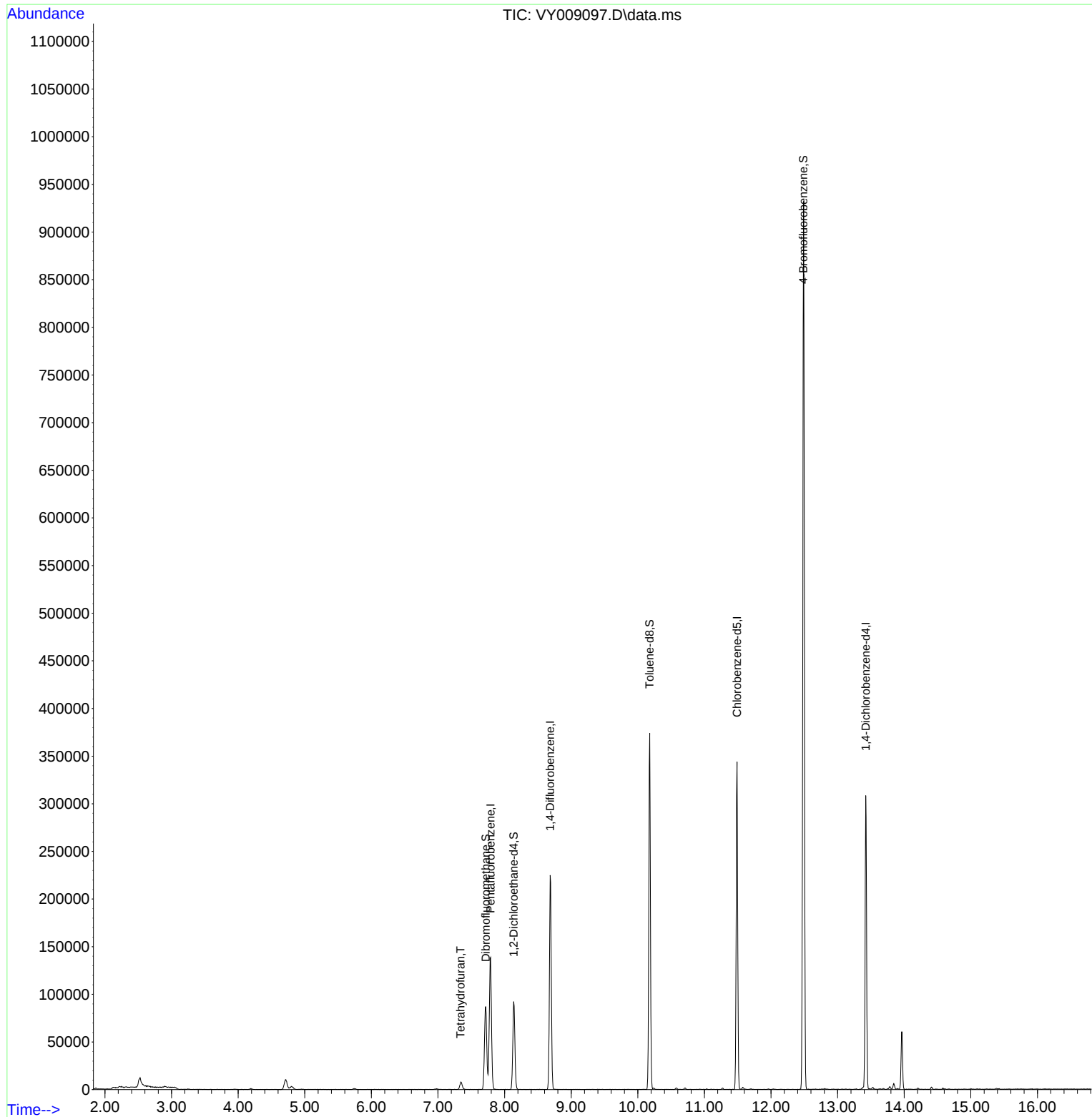
Internal Standards						
1) Pentafluorobenzene	7.789	168	106056	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	185334	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174602	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	72609	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	68292	62.567	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 125.140%	
35) Dibromofluoromethane	7.716	113	59539	51.661	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.320%	
50) Toluene-d8	10.179	98	233522	54.925	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.840%	
62) 4-Bromofluorobenzene	12.483	95	73946	43.115	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 86.240%	
Target Compounds						Qvalue
29) Tetrahydrofuran	7.338	42	5803	21.051	ug/l	# 87

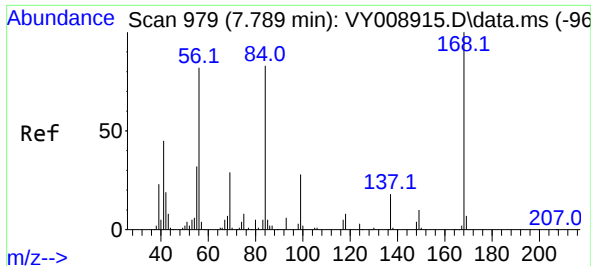
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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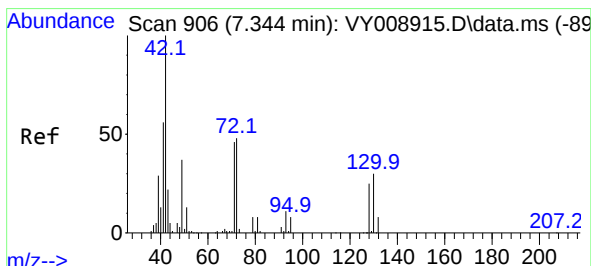
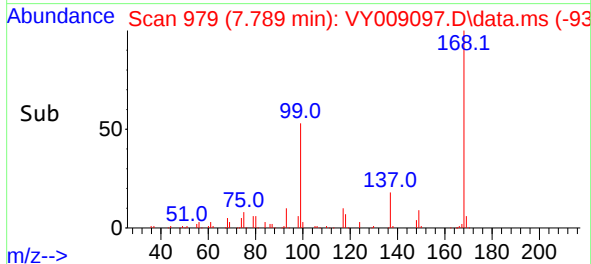
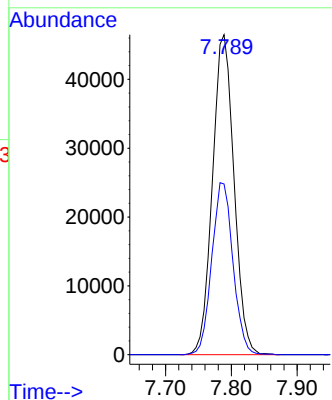
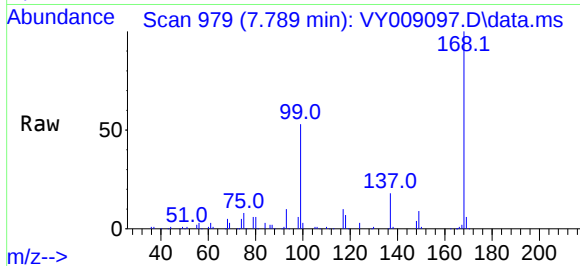




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

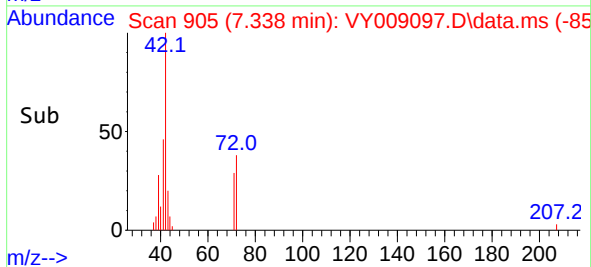
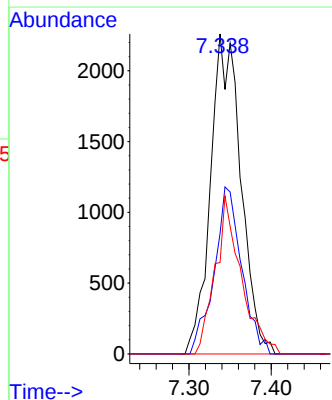
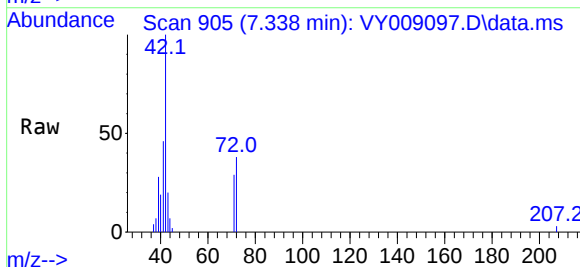
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-SW

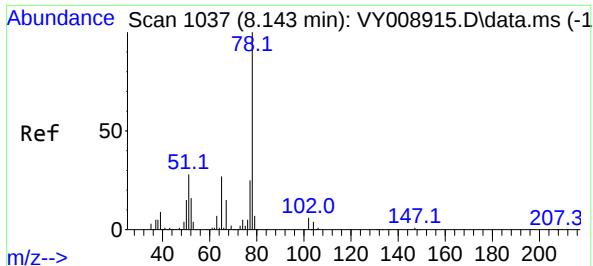
Tgt Ion:168 Resp: 106056
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#29
Tetrahydrofuran
Concen: 21.051 ug/l
RT: 7.338 min Scan# 905
Delta R.T. -0.006 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

Tgt Ion: 42 Resp: 5803
Ion Ratio Lower Upper
42 100
72 47.3 30.3 45.5#
71 42.1 29.0 43.4





#33

1,2-Dichloroethane-d4

Concen: 62.567 ug/l

RT: 8.136 min Scan# 1

Delta R.T. -0.007 min

Lab File: VY009097.D

Acq: 25 May 2022 18:03

Instrument :

MSVOA_Y

ClientSampleId :

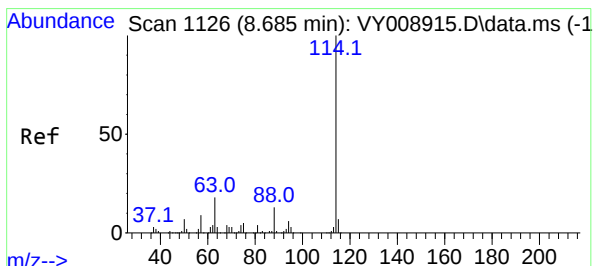
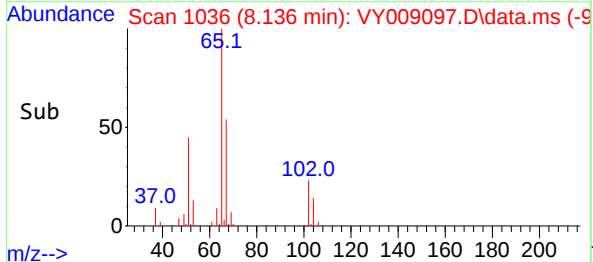
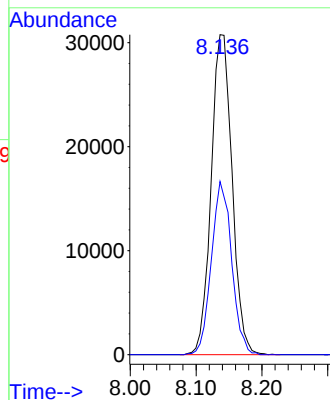
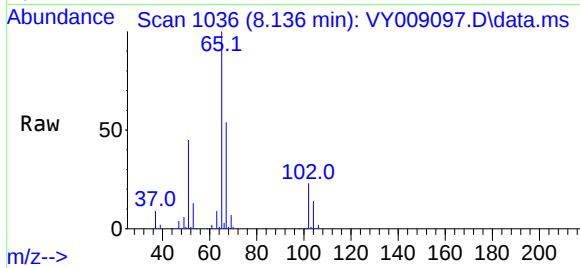
NORTH-SW

Tgt Ion: 65 Resp: 68292

Ion Ratio Lower Upper

65 100

67 52.3 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: VY009097.D

Acq: 25 May 2022 18:03

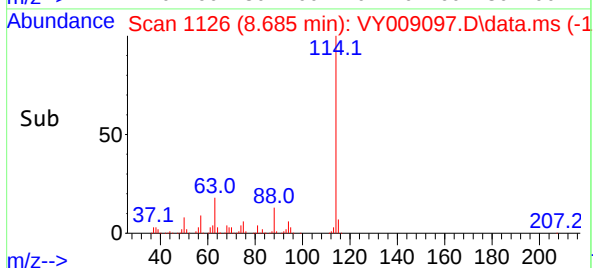
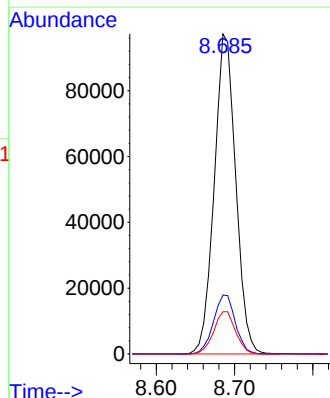
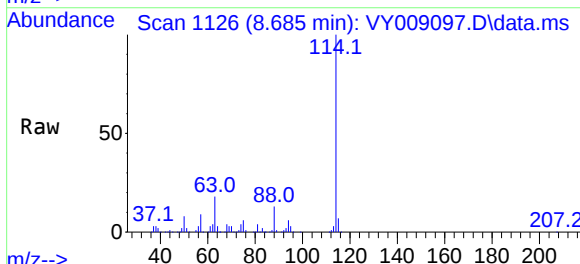
Tgt Ion:114 Resp: 185334

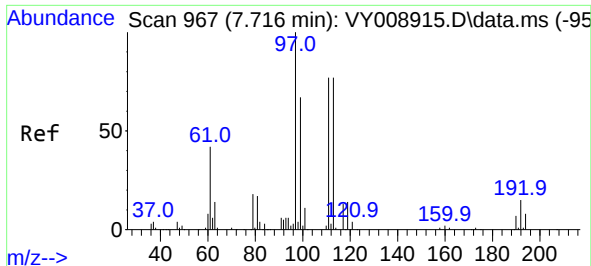
Ion Ratio Lower Upper

114 100

63 18.4 0.0 43.2

88 13.2 0.0 31.8

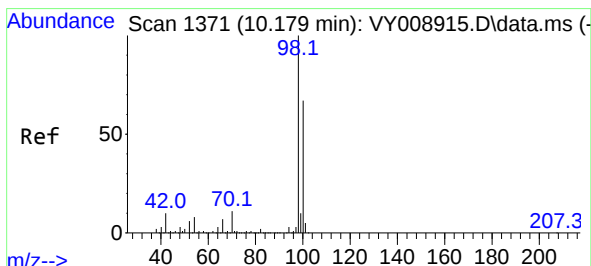
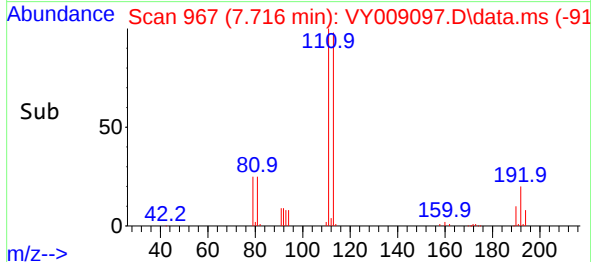
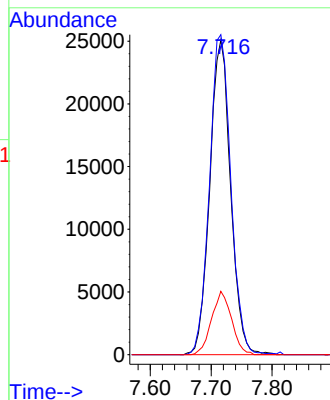
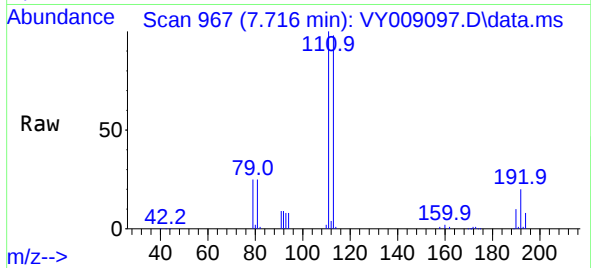




#35
Dibromofluoromethane
Concen: 51.661 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

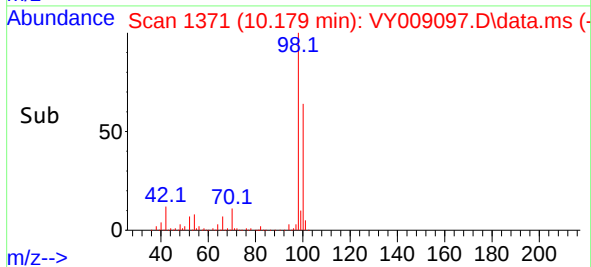
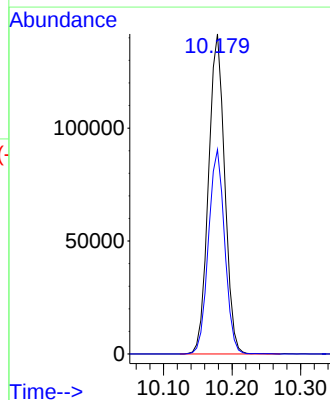
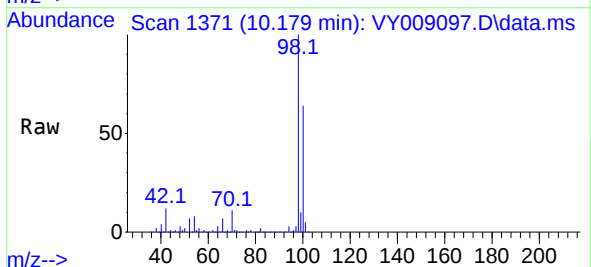
Instrument :
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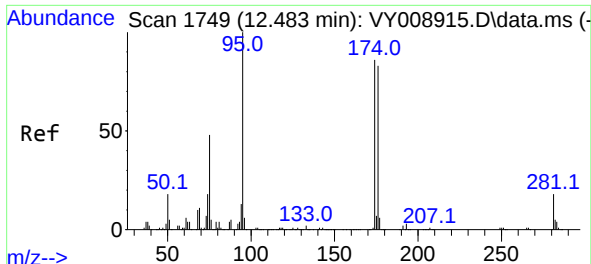
Tgt Ion:113 Resp: 59539
Ion Ratio Lower Upper
113 100
111 104.2 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 54.925 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

Tgt Ion: 98 Resp: 233522
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

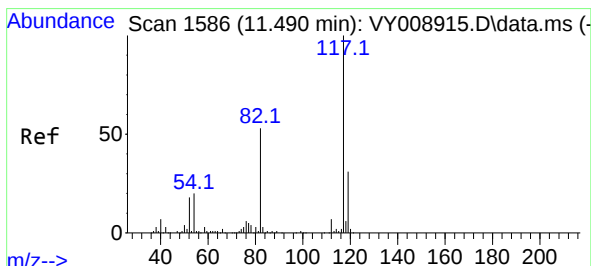
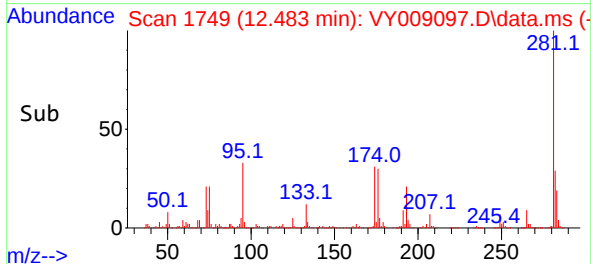
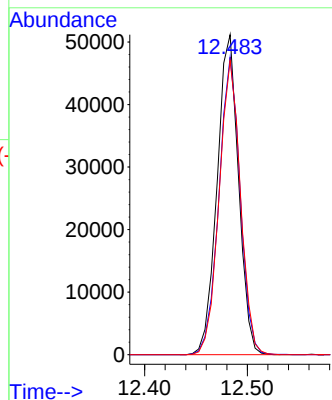
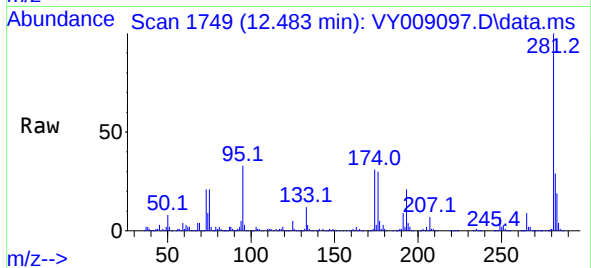




#62
4-Bromofluorobenzene
Concen: 43.115 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

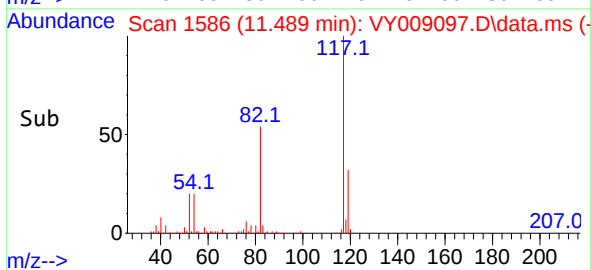
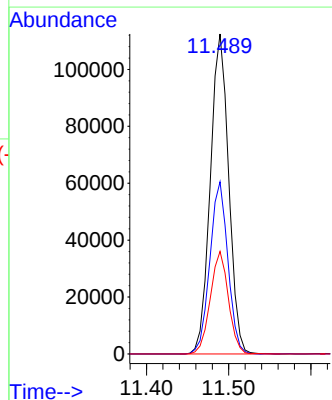
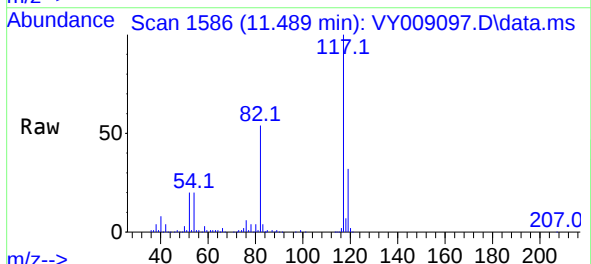
Instrument :
MSVOA_Y
ClientSampleId :
NORTH-SW

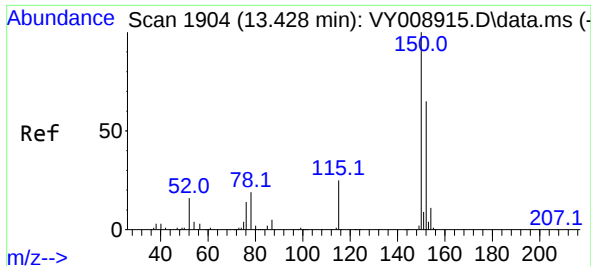
Tgt Ion: 95 Resp: 73946
Ion Ratio Lower Upper
95 100
174 91.8 0.0 177.0
176 91.4 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.001 min
Lab File: VY009097.D
Acq: 25 May 2022 18:03

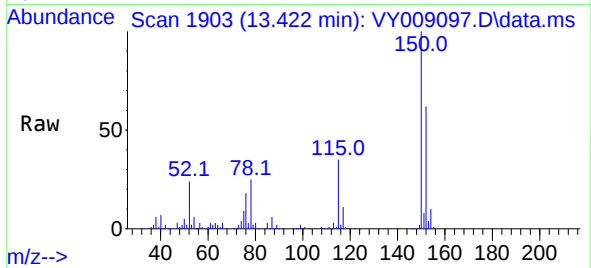
Tgt Ion: 117 Resp: 174602
Ion Ratio Lower Upper
117 100
82 53.8 43.0 64.4
119 32.1 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009097.D
 Acq: 25 May 2022 18:03

Instrument :
 MSVOA_Y
 ClientSampleId :
 NORTH-SW



Tgt Ion:152 Resp: 72609

Ion	Ratio	Lower	Upper
152	100		
115	56.0	28.2	84.7
150	158.2	0.0	347.6

