

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052322\
 Data File : VY009004.D
 Acq On : 23 May 2022 14:21
 Operator : KP/MD
 Sample : N2868-03
 Misc : 6.48g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01

Quant Time: May 24 01:47:44 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)

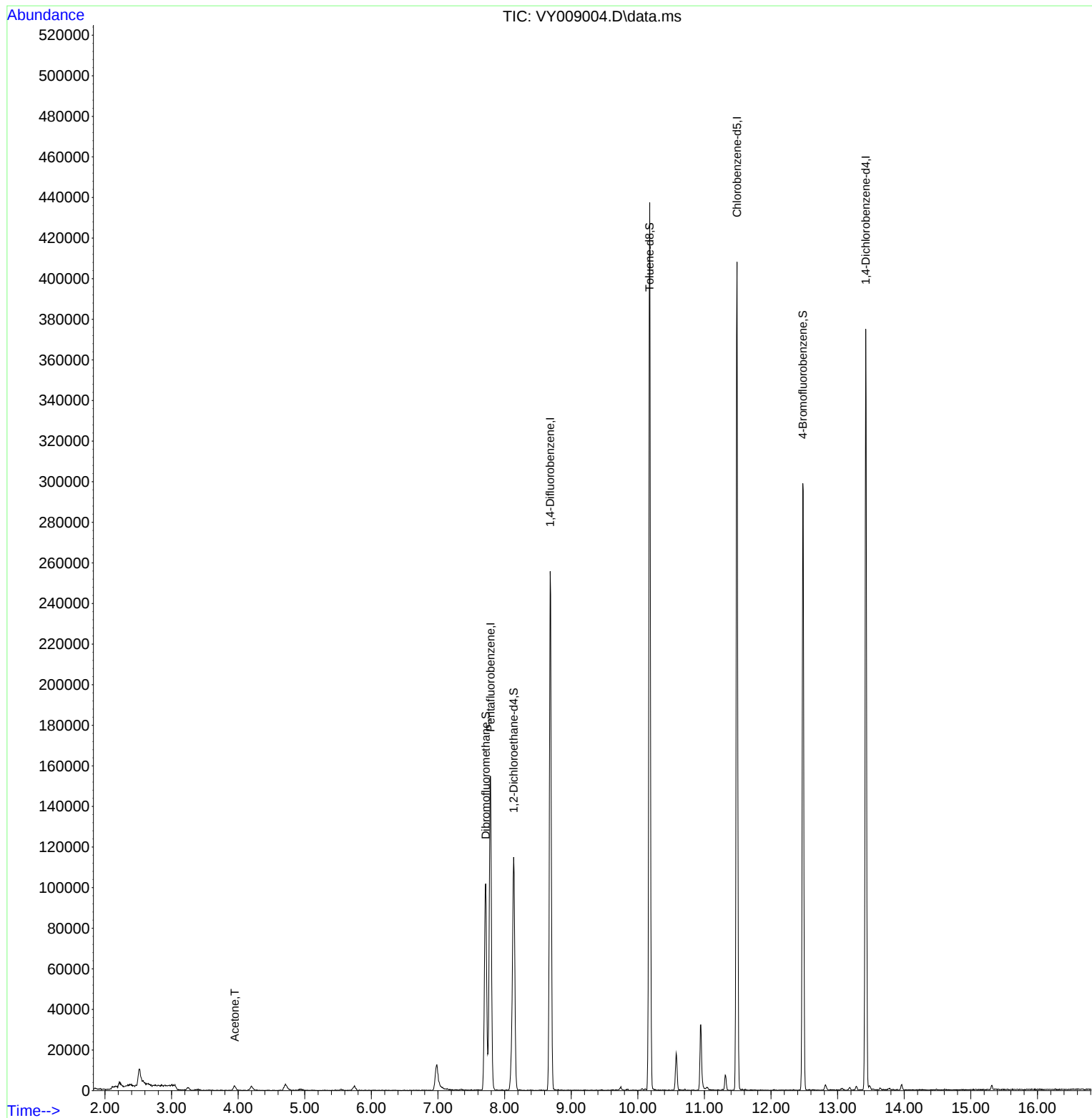
Internal Standards						
1) Pentafluorobenzene	7.789	168	118325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	206900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	88881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	78369	64.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 128.700%	
35) Dibromofluoromethane	7.716	113	68174	51.543	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.080%	
50) Toluene-d8	10.179	98	268349	54.995	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.980%	
62) 4-Bromofluorobenzene	12.477	95	78805	40.036	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.080%	
Target Compounds						
16) Acetone	3.948	43	3958	15.614	ug/l	Qvalue 97

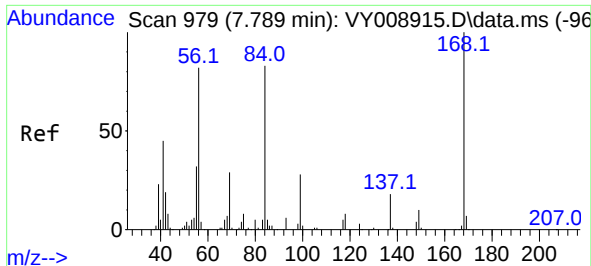
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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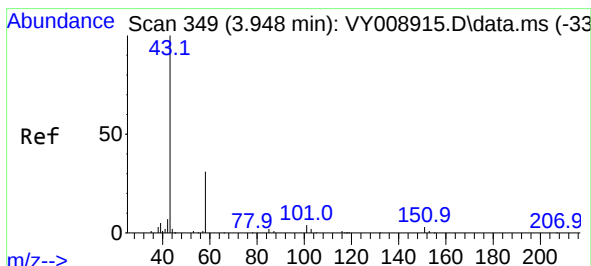
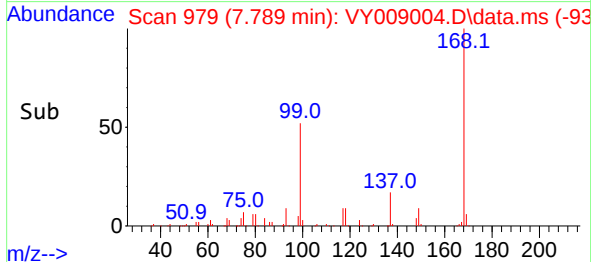
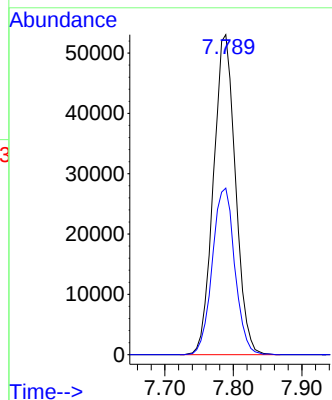
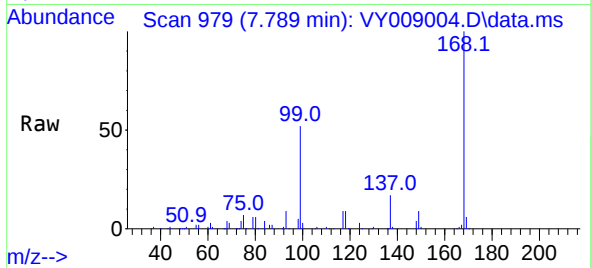




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

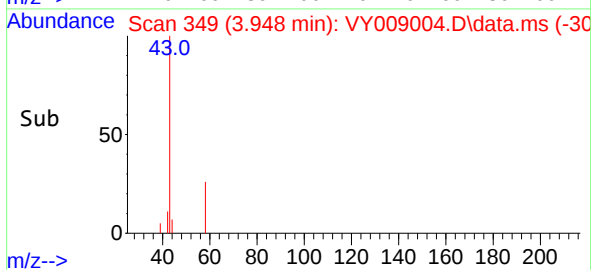
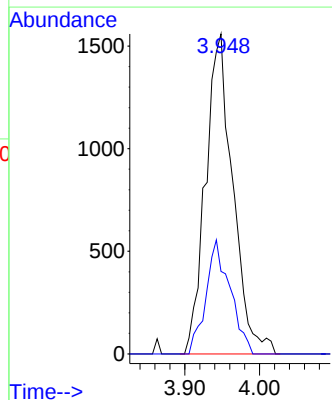
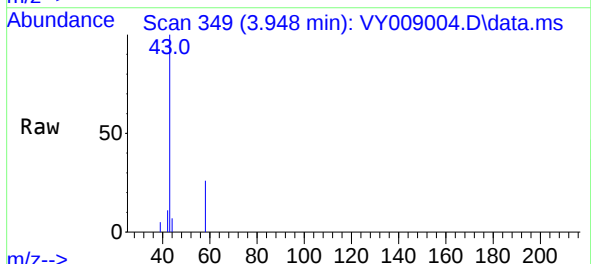
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

Tgt Ion:168 Resp: 118325
Ion Ratio Lower Upper
168 100
99 52.1 46.9 70.3



#16
Acetone
Concen: 15.614 ug/l
RT: 3.948 min Scan# 349
Delta R.T. 0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 43 Resp: 3958
Ion Ratio Lower Upper
43 100
58 25.8 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 64.354 ug/l

RT: 8.137 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY009004.D

Acq: 23 May 2022 14:21

Instrument :

MSVOA_Y

ClientSampleId :

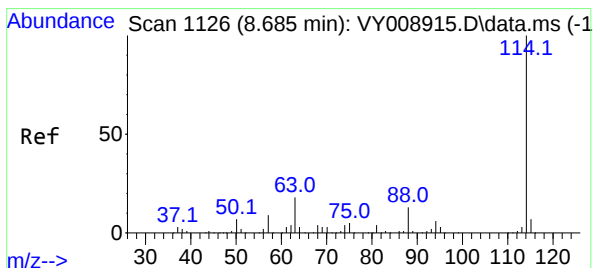
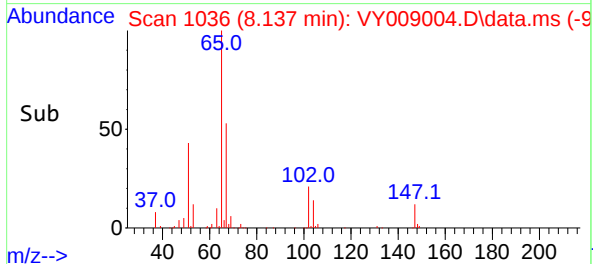
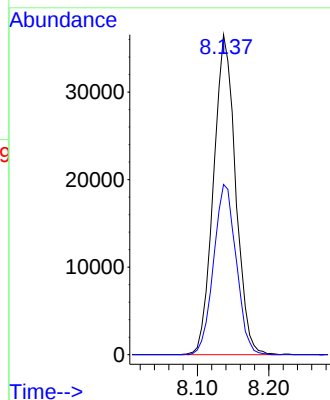
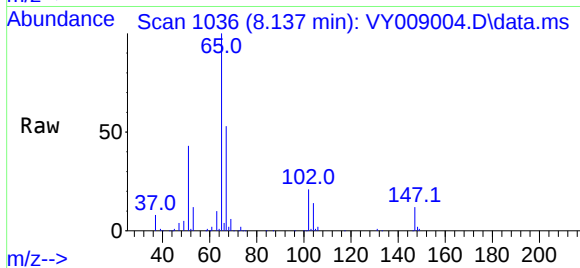
P017-SS001-1218-01

Tgt Ion: 65 Resp: 78369

Ion Ratio Lower Upper

65 100

67 54.5 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: VY009004.D

Acq: 23 May 2022 14:21

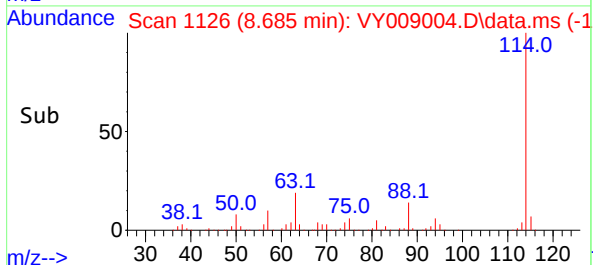
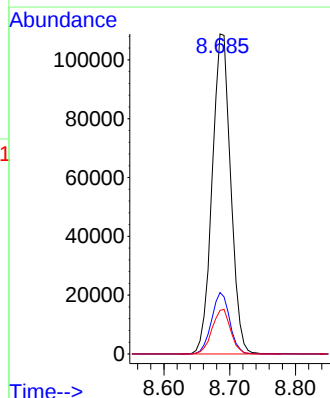
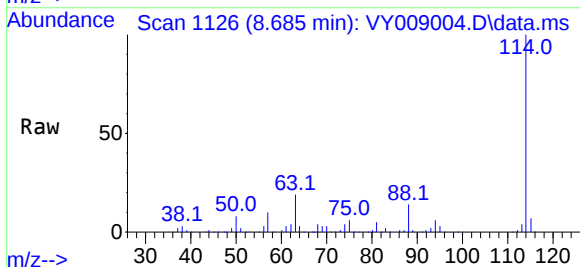
Tgt Ion: 114 Resp: 212702

Ion Ratio Lower Upper

114 100

63 19.2 0.0 43.2

88 13.6 0.0 31.8

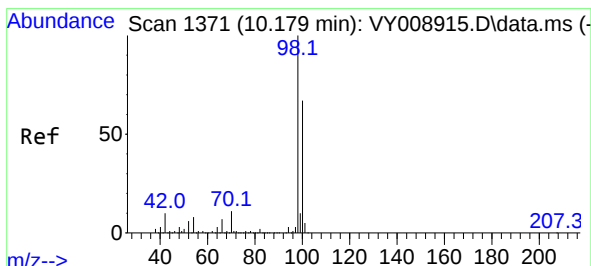
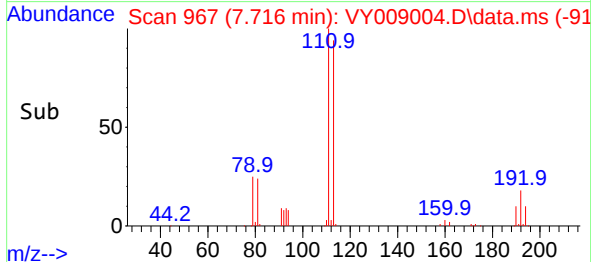
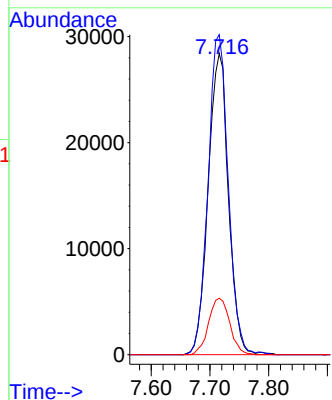
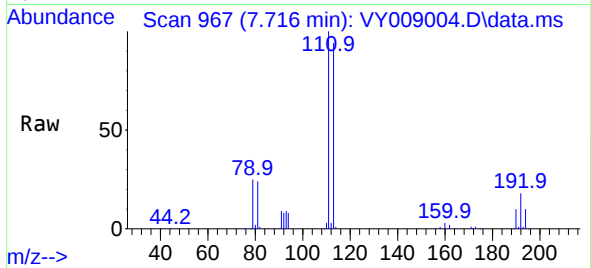




#35
Dibromofluoromethane
Concen: 51.543 ug/l
RT: 7.716 min Scan# 967
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

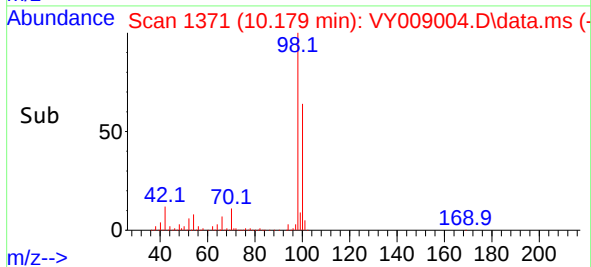
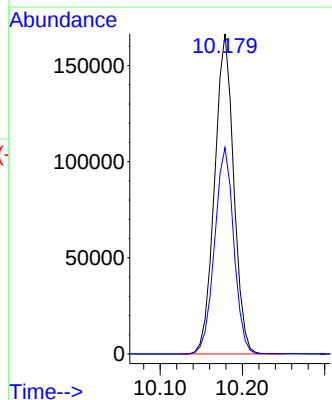
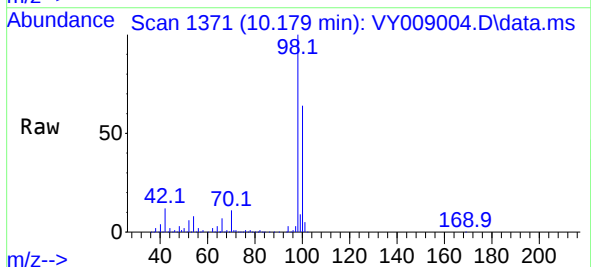
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

Tgt Ion:113 Resp: 68174
Ion Ratio Lower Upper
113 100
111 105.6 82.6 124.0
192 19.5 17.6 26.4



#50
Toluene-d8
Concen: 54.995 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

Tgt Ion: 98 Resp: 268349
Ion Ratio Lower Upper
98 100
100 64.8 50.2 75.2

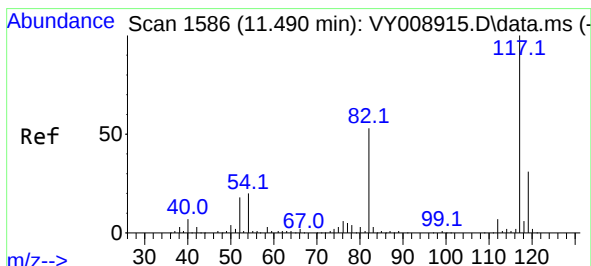
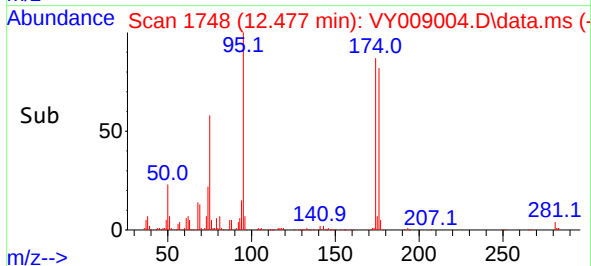
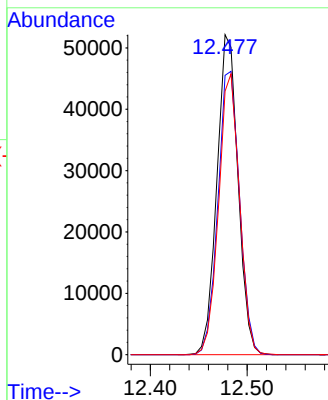
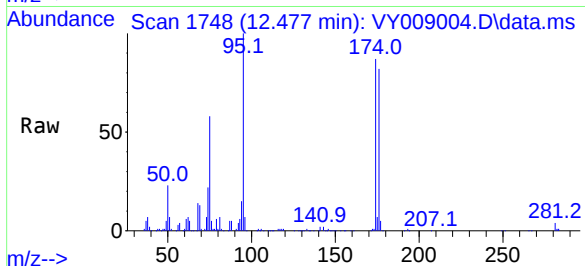




#62
4-Bromofluorobenzene
Concen: 40.036 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.006 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

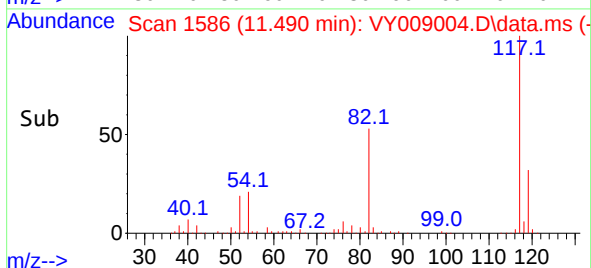
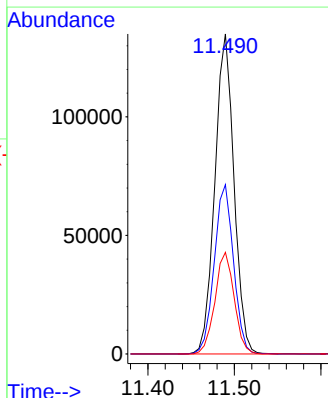
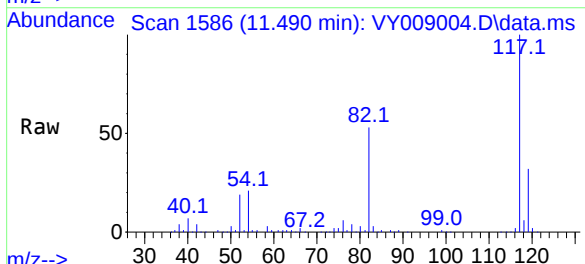
Instrument :
MSVOA_Y
ClientSampleId :
P017-SS001-1218-01

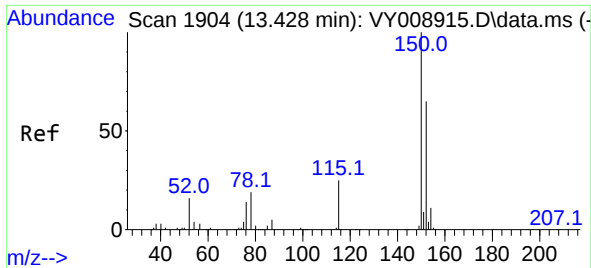
Tgt Ion: 95 Resp: 78805
Ion Ratio Lower Upper
95 100
174 90.7 0.0 177.0
176 87.0 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009004.D
Acq: 23 May 2022 14:21

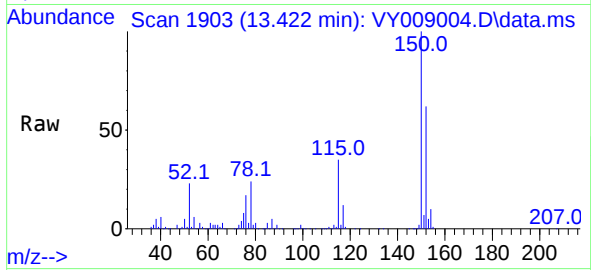
Tgt Ion: 117 Resp: 206900
Ion Ratio Lower Upper
117 100
82 52.9 43.0 64.4
119 31.7 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1904
 Delta R.T. -0.006 min
 Lab File: VY009004.D
 Acq: 23 May 2022 14:21

Instrument :
 MSVOA_Y
 ClientSampleId :
 P017-SS001-1218-01



Tgt Ion:152 Resp: 88881

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	158.4	0.0	347.6

