

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY052422\
 Data File : VY009054.D
 Acq On : 24 May 2022 12:13
 Operator : KP/MD
 Sample : N2948-24
 Misc : 5.99g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01

Quant Time: May 25 02:50:50 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)

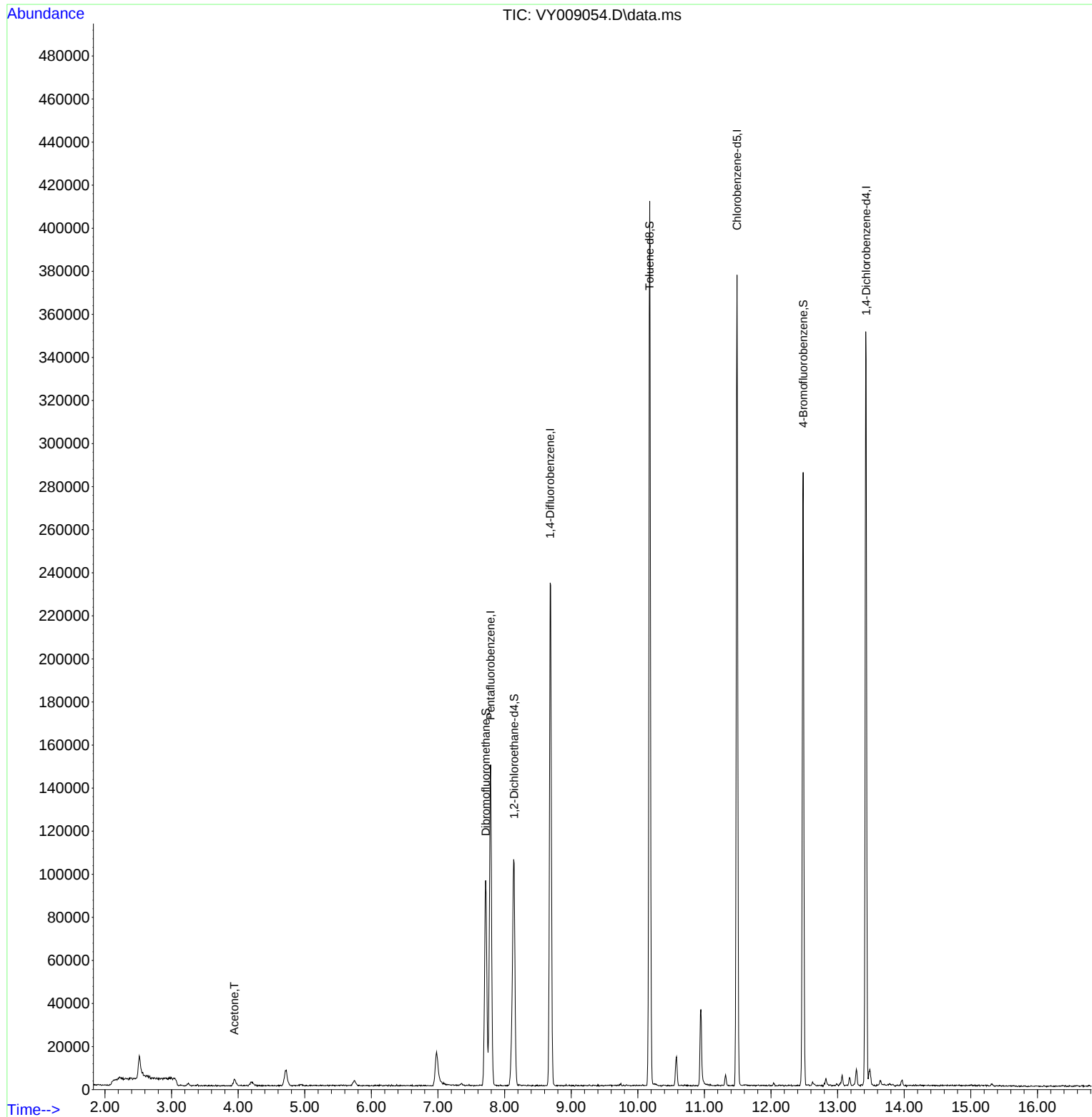
Internal Standards						
1) Pentafluorobenzene	7.789	168	111238	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	198890	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	192238	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	83942	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	70145	61.270	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 122.540%	
35) Dibromofluoromethane	7.716	113	63960	51.715	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 103.420%	
50) Toluene-d8	10.179	98	248844	54.539	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 109.080%	
62) 4-Bromofluorobenzene	12.483	95	73981	40.195	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 80.400%	
Target Compounds						
16) Acetone	3.942	43	5353	22.463	ug/l	Qvalue 96

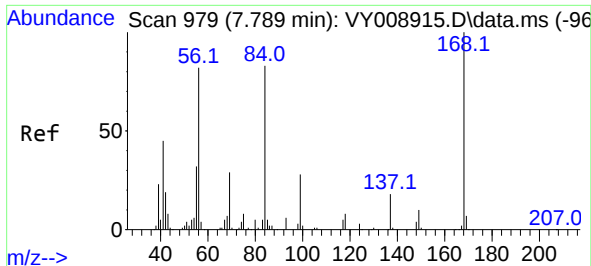
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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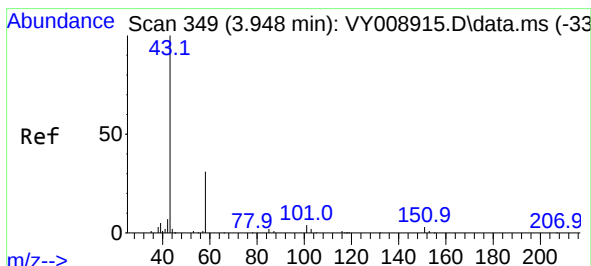
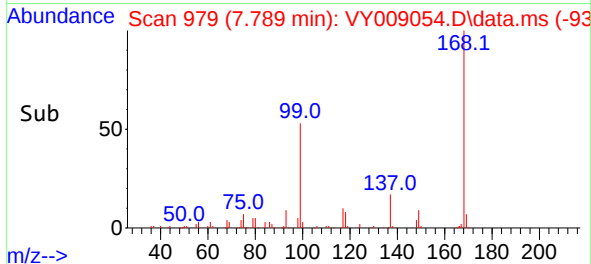
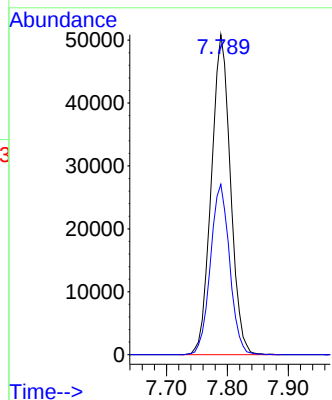
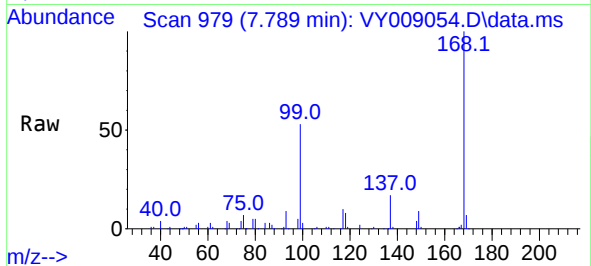




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

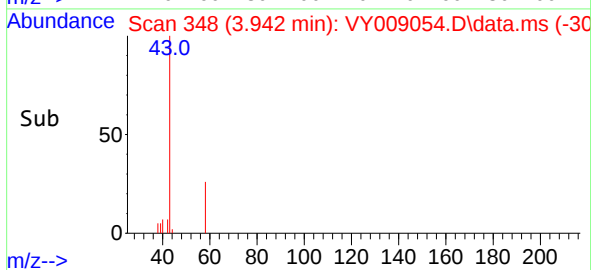
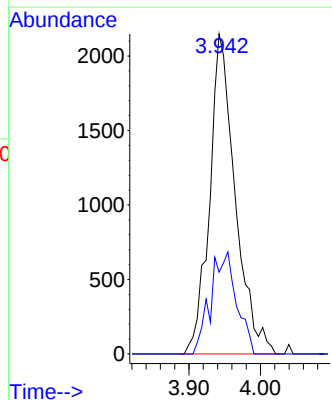
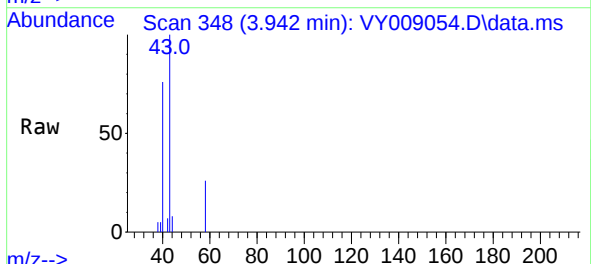
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

Tgt Ion:168 Resp: 111238
Ion Ratio Lower Upper
168 100
99 53.3 46.9 70.3



#16
Acetone
Concen: 22.463 ug/l
RT: 3.942 min Scan# 348
Delta R.T. -0.006 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 43 Resp: 5353
Ion Ratio Lower Upper
43 100
58 25.6 22.0 33.0





#33

1,2-Dichloroethane-d4

Concen: 61.270 ug/l

RT: 8.143 min Scan# 1037

Delta R.T. -0.000 min

Lab File: VY009054.D

Acq: 24 May 2022 12:13

Instrument :

MSVOA_Y

ClientSampleId :

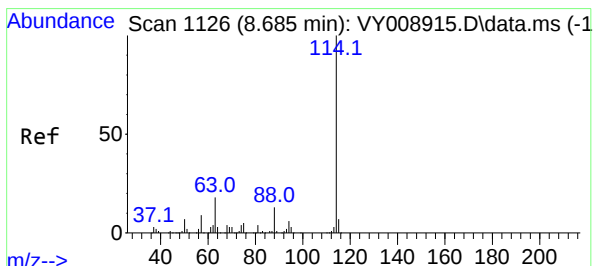
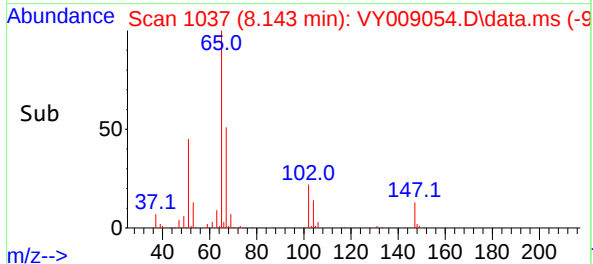
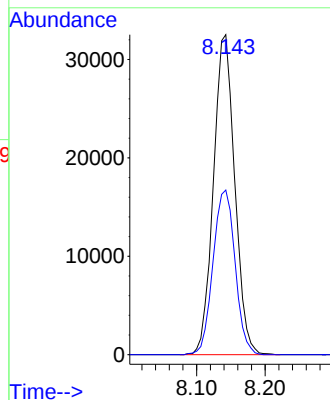
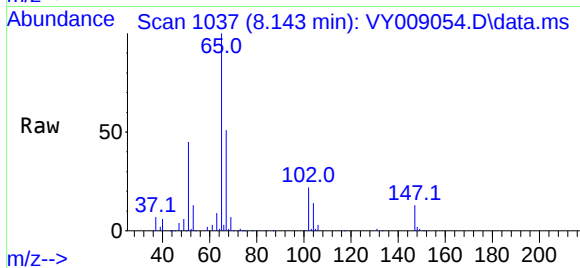
P037-SS001-1218-01

Tgt Ion: 65 Resp: 70145

Ion Ratio Lower Upper

65 100

67 53.2 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: VY009054.D

Acq: 24 May 2022 12:13

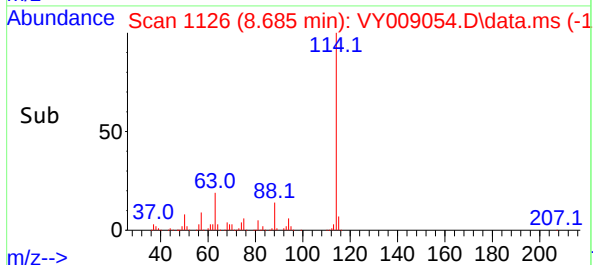
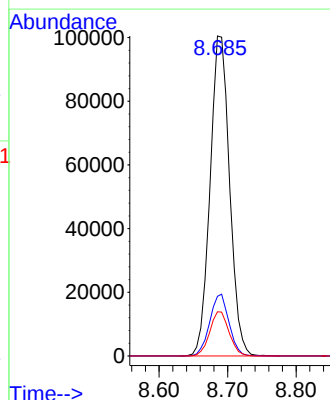
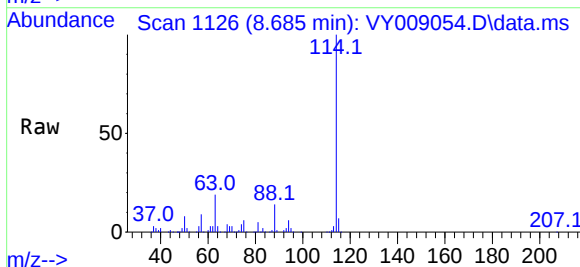
Tgt Ion: 114 Resp: 198890

Ion Ratio Lower Upper

114 100

63 18.7 0.0 43.2

88 13.8 0.0 31.8

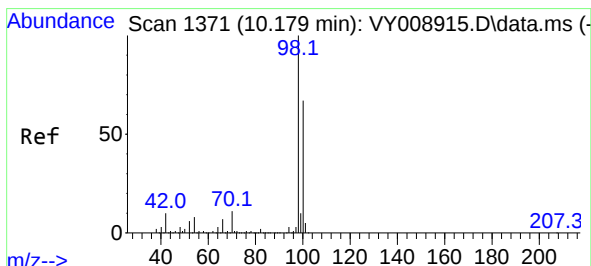
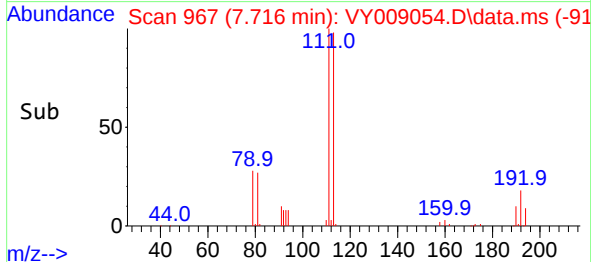
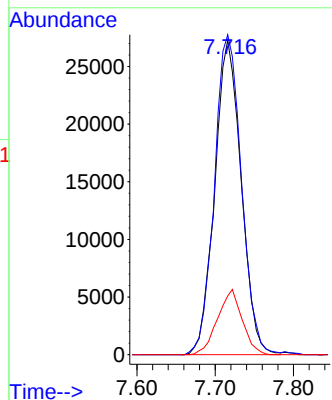
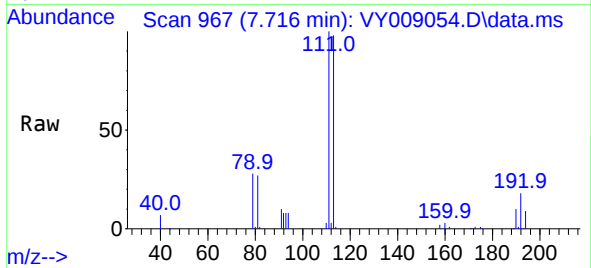




#35
Dibromofluoromethane
Concen: 51.715 ug/l
RT: 7.716 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

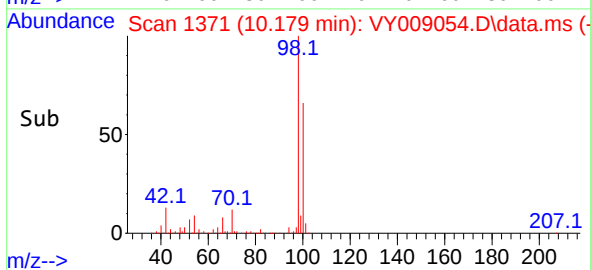
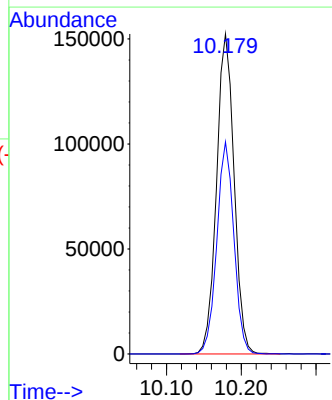
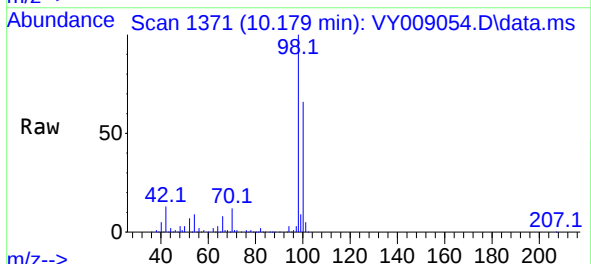
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

Tgt Ion:113 Resp: 63960
Ion Ratio Lower Upper
113 100
111 104.0 82.6 124.0
192 19.4 17.6 26.4



#50
Toluene-d8
Concen: 54.539 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

Tgt Ion: 98 Resp: 248844
Ion Ratio Lower Upper
98 100
100 64.4 50.2 75.2

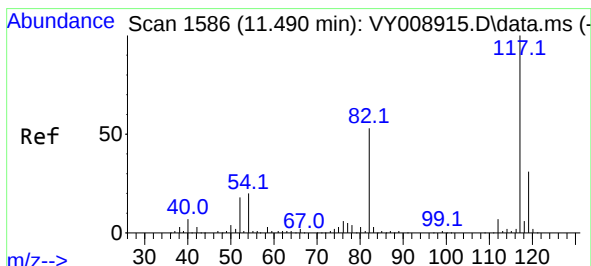
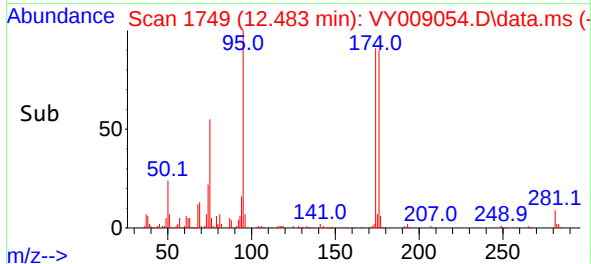
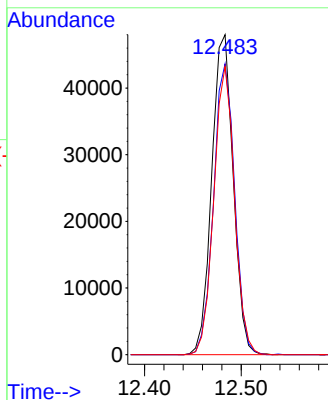
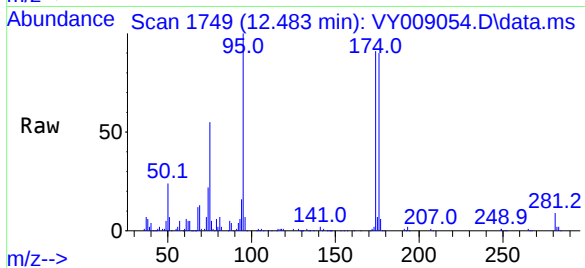




#62
4-Bromofluorobenzene
Concen: 40.195 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

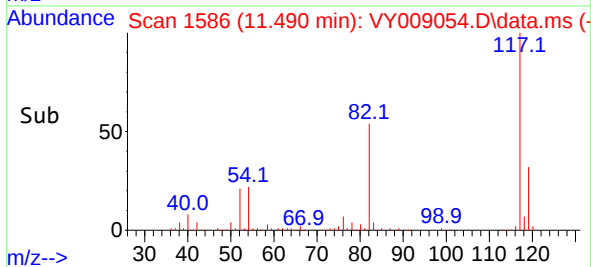
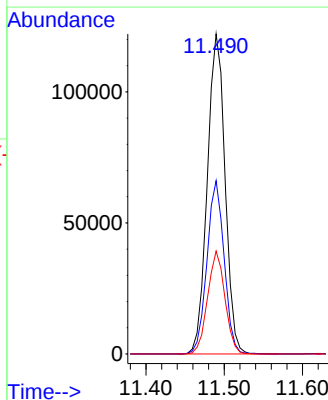
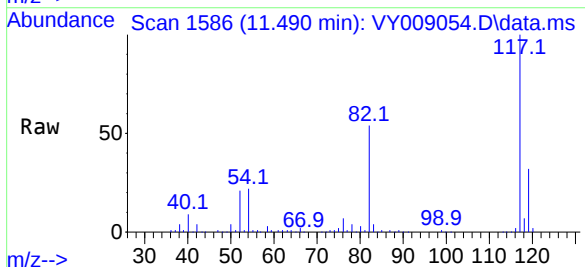
Instrument :
MSVOA_Y
ClientSampleId :
P037-SS001-1218-01

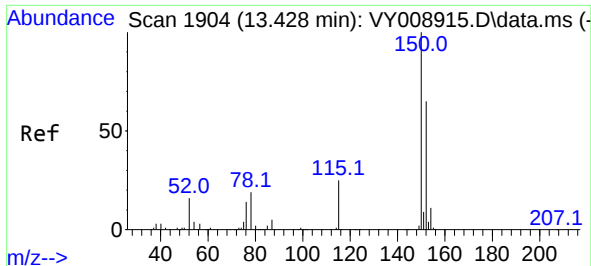
Tgt Ion:	95	Resp:	73981
Ion	Ratio	Lower	Upper
95	100		
174	89.2	0.0	177.0
176	86.8	0.0	175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009054.D
Acq: 24 May 2022 12:13

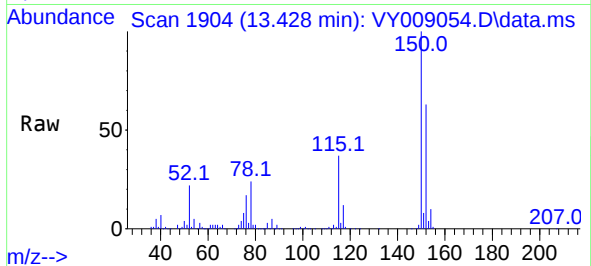
Tgt Ion:	117	Resp:	192238
Ion	Ratio	Lower	Upper
117	100		
82	54.2	43.0	64.4
119	32.1	25.4	38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.428 min Scan# 1904
 Delta R.T. 0.000 min
 Lab File: VY009054.D
 Acq: 24 May 2022 12:13

Instrument :
 MSVOA_Y
 ClientSampleId :
 P037-SS001-1218-01



Tgt Ion:152 Resp: 83942

Ion	Ratio	Lower	Upper
152	100		
115	55.9	28.2	84.7
150	156.7	0.0	347.6

