

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020922\
 Data File : VY007449.D
 Acq On : 09 Feb 2022 13:49
 Operator : SY/MD
 Sample : N1426-04
 Misc : 5.10g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 POST-EX-04-0207

Quant Time: Feb 10 05:34:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020222S.M
 Quant Title : SW846 8260
 QLast Update : Thu Feb 03 04:36:48 2022
 Response via : Initial Calibration

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

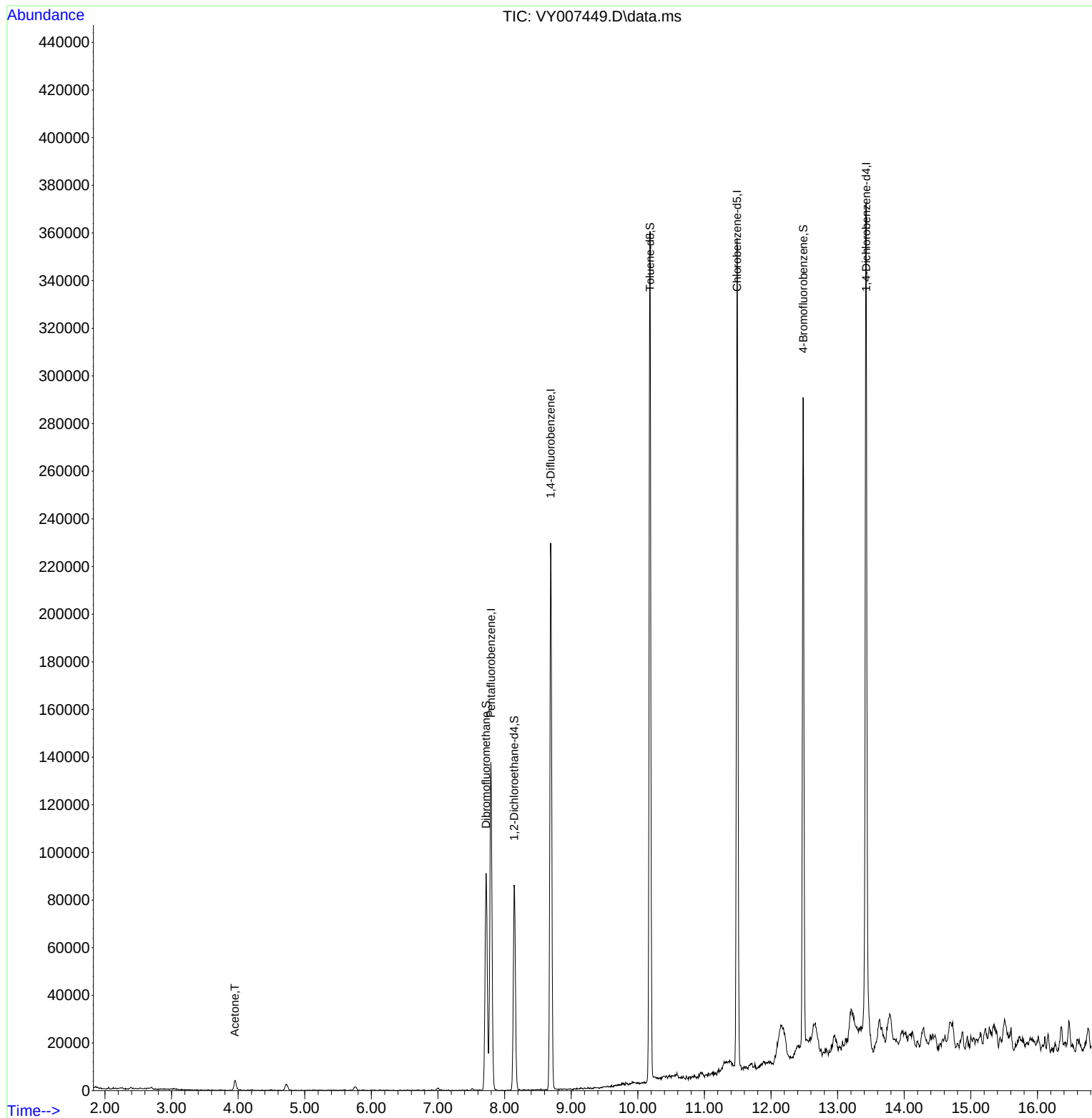
Internal Standards						
1) Pentafluorobenzene	7.795	168	100448	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	192194	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	188630	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	79290	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	67792	58.67	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.34%
35) Dibromofluoromethane	7.722	113	64002	51.86	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	103.72%
50) Toluene-d8	10.185	98	239588	52.55	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	105.10%
62) 4-Bromofluorobenzene	12.483	95	85901	55.43	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	110.86%
Target Compounds						
16) Acetone	3.948	43	7102	18.93	ug/l	Qvalue 99

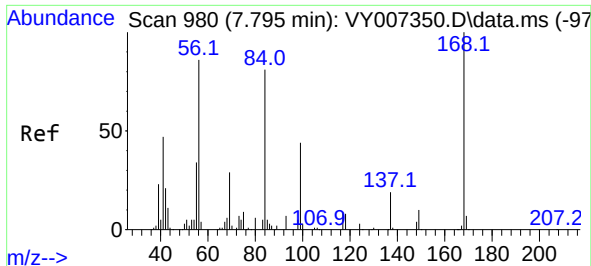
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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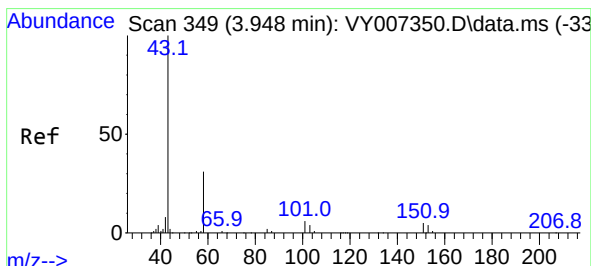
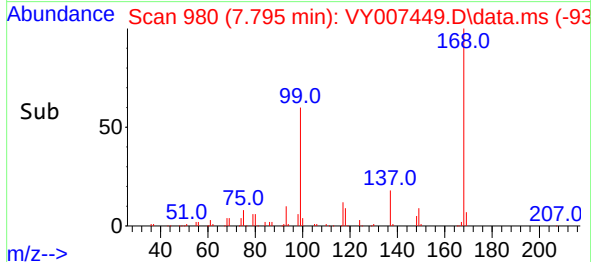
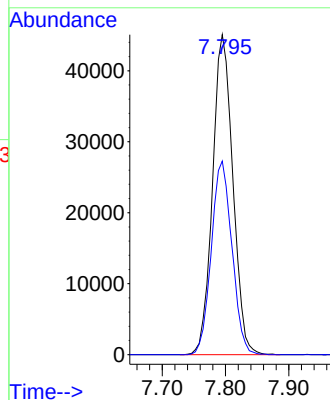
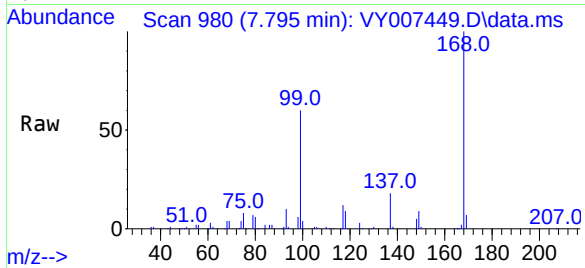




#1
Pentafluorobenzene
Concen: 50.00 ug/l
RT: 7.795 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

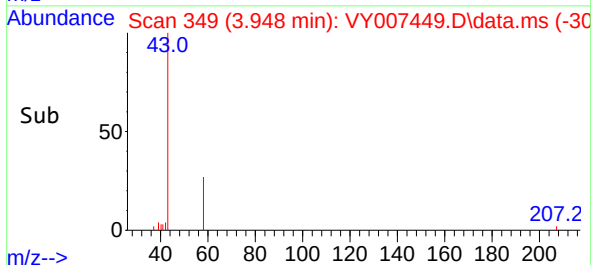
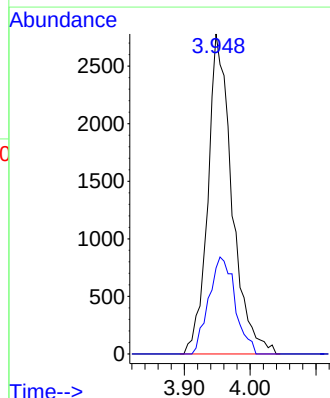
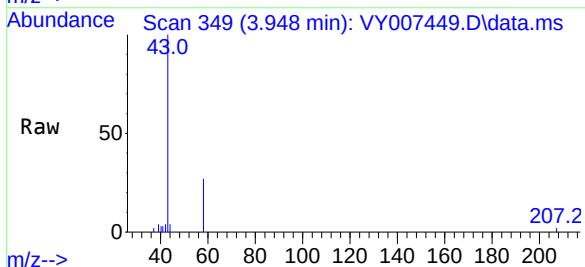
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-04-0207

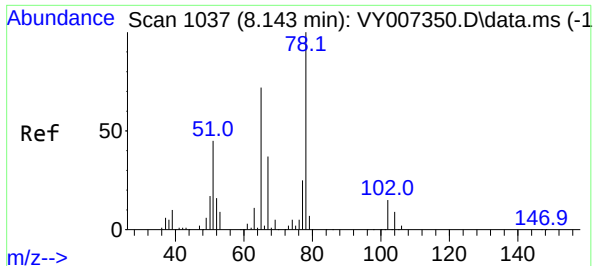
Tgt Ion:168 Resp: 100448
Ion Ratio Lower Upper
168 100
99 60.5 46.9 70.3



#16
Acetone
Concen: 18.93 ug/l
RT: 3.948 min Scan# 349
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

Tgt Ion: 43 Resp: 7102
Ion Ratio Lower Upper
43 100
58 26.8 22.0 33.0

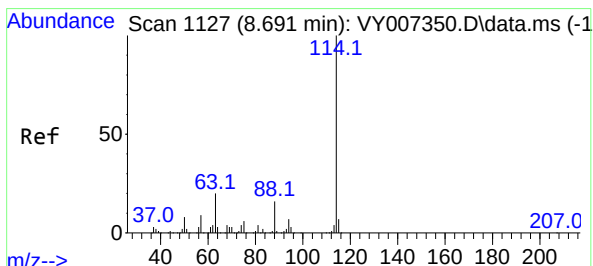
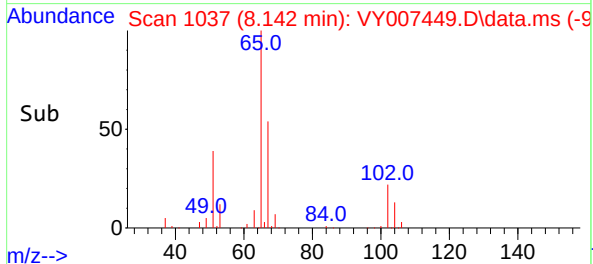
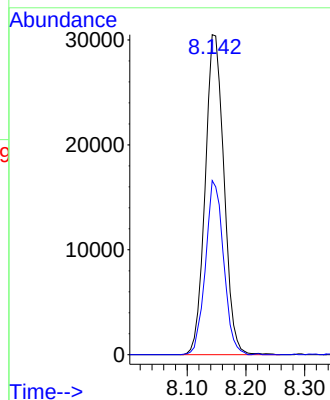
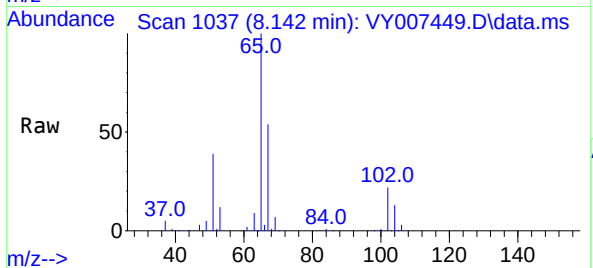




#33
1,2-Dichloroethane-d4
Concen: 58.67 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

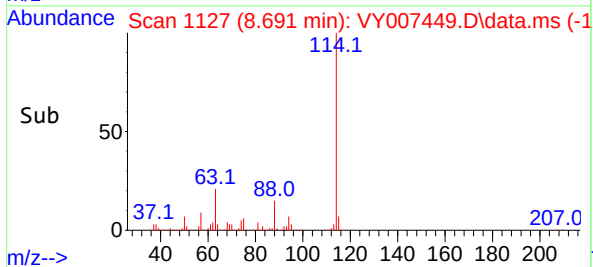
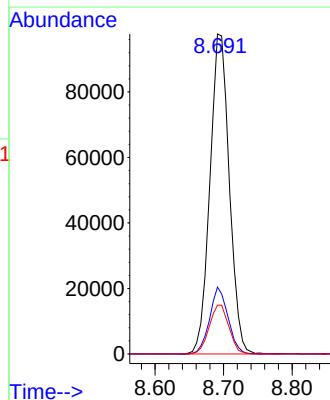
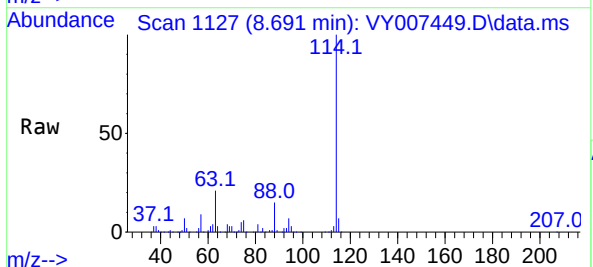
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-04-0207

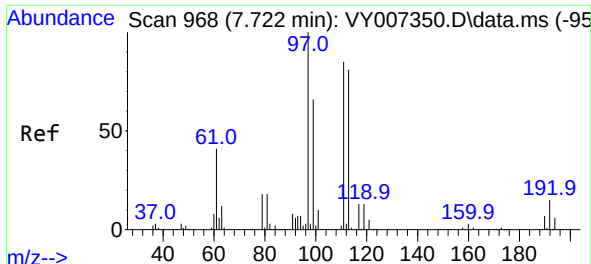
Tgt Ion: 65 Resp: 67792
Ion Ratio Lower Upper
65 100
67 52.3 0.0 99.4



#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 8.691 min Scan# 1127
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

Tgt Ion: 114 Resp: 192194
Ion Ratio Lower Upper
114 100
63 20.9 0.0 43.2
88 15.3 0.0 31.8

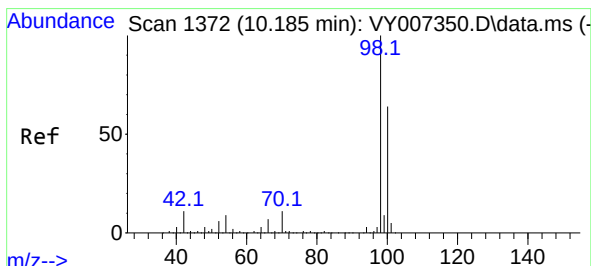
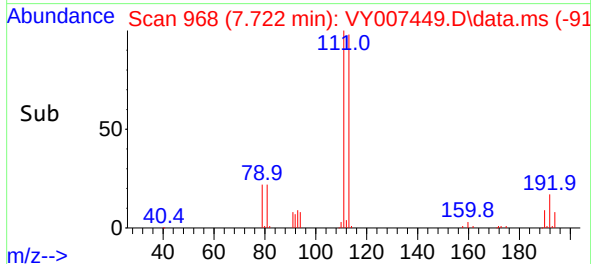
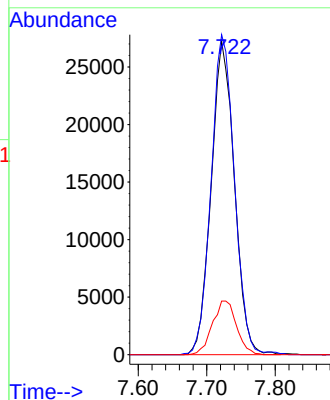
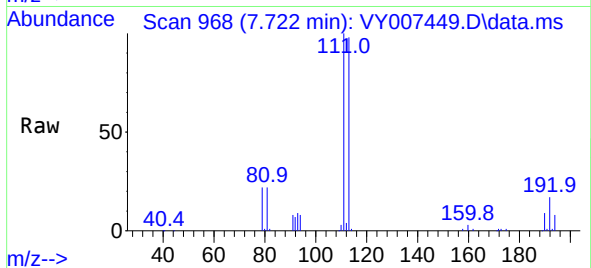




#35
Dibromofluoromethane
Concen: 51.86 ug/l
RT: 7.722 min Scan# 90
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

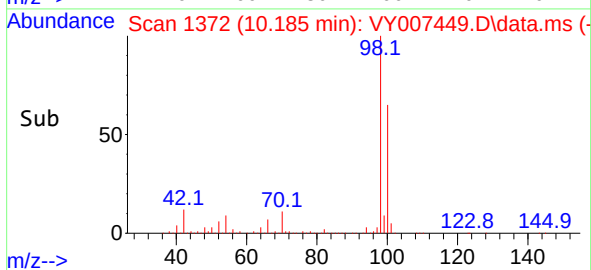
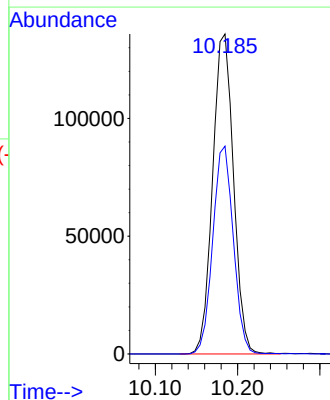
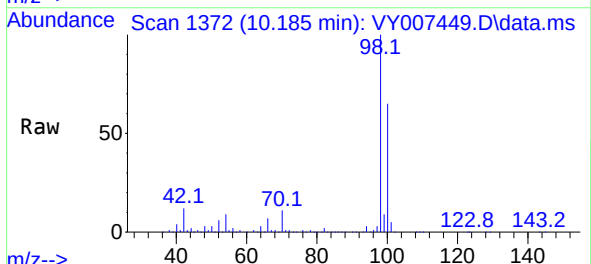
Instrument :
MSVOA_Y
ClientSampleId :
POST-EX-04-0207

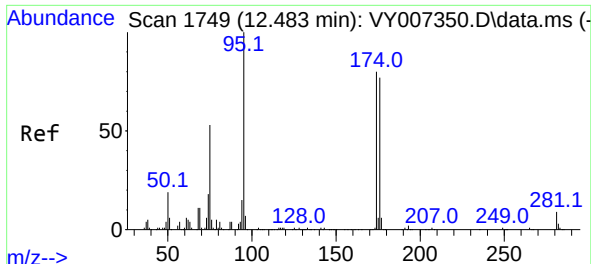
Tgt Ion:113 Resp: 64002
Ion Ratio Lower Upper
113 100
111 102.7 82.6 124.0
192 17.7 17.6 26.4



#50
Toluene-d8
Concen: 52.55 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

Tgt Ion: 98 Resp: 239588
Ion Ratio Lower Upper
98 100
100 64.0 50.2 75.2

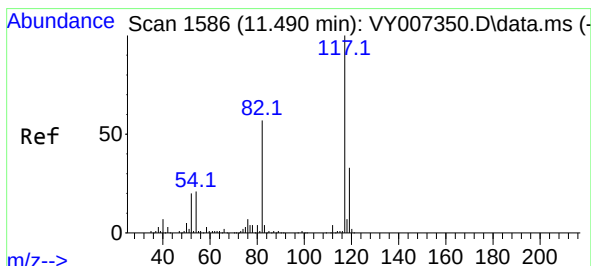
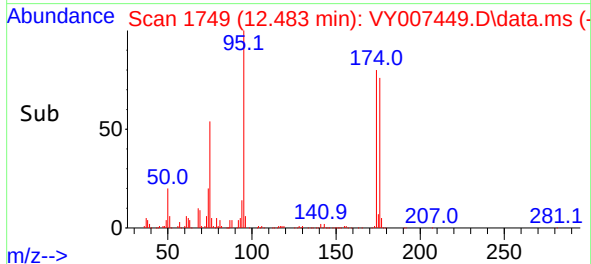
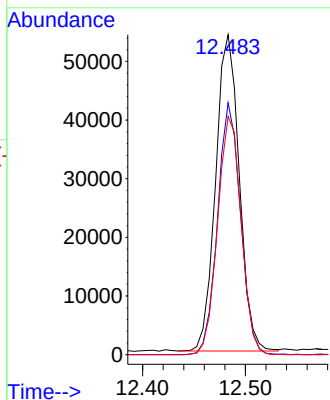
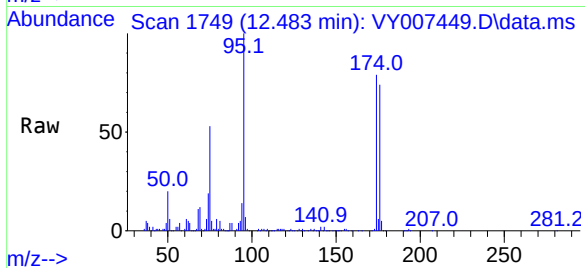




#62
4-Bromofluorobenzene
Concen: 55.43 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

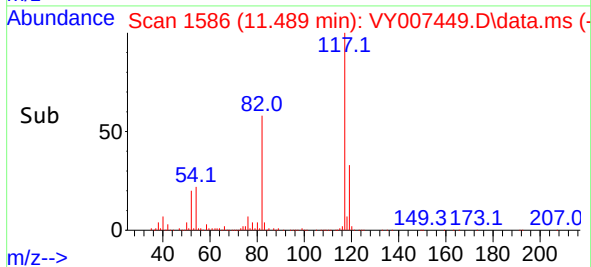
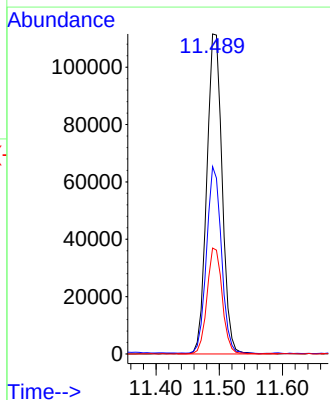
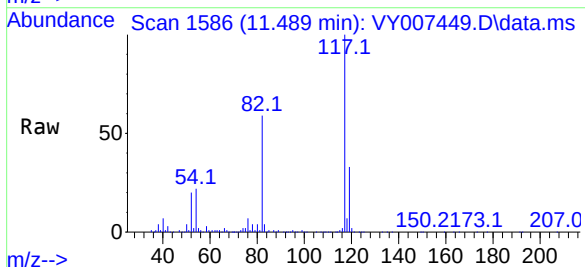
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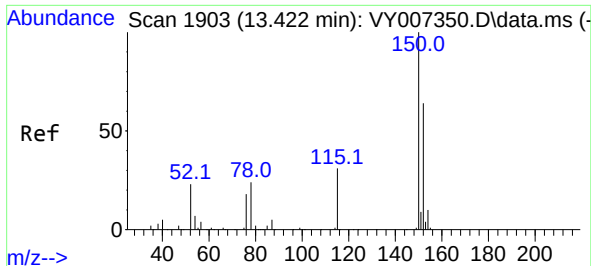
Tgt Ion: 95 Resp: 85901
Ion Ratio Lower Upper
95 100
174 77.5 0.0 177.0
176 75.1 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 11.489 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY007449.D
Acq: 09 Feb 2022 13:49

Tgt Ion: 117 Resp: 188630
Ion Ratio Lower Upper
117 100
82 58.3 43.0 64.4
119 33.0 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY007449.D

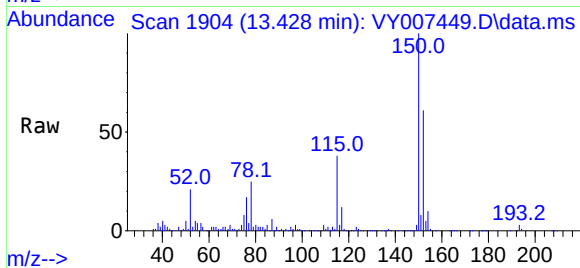
Acq: 09 Feb 2022 13:49

Instrument :

MSVOA_Y

ClientSampleId :

POST-EX-04-0207



Tgt Ion:152 Resp: 79290

Ion Ratio Lower Upper

152 100

115 62.2 28.2 84.7

150 158.2 0.0 347.6

