

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060722\
 Data File : VY009169.D
 Acq On : 07 Jun 2022 17:15
 Operator : KP/MD
 Sample : N3194-04
 Misc : 5.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3

Quant Time: Jun 08 07:58:41 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)

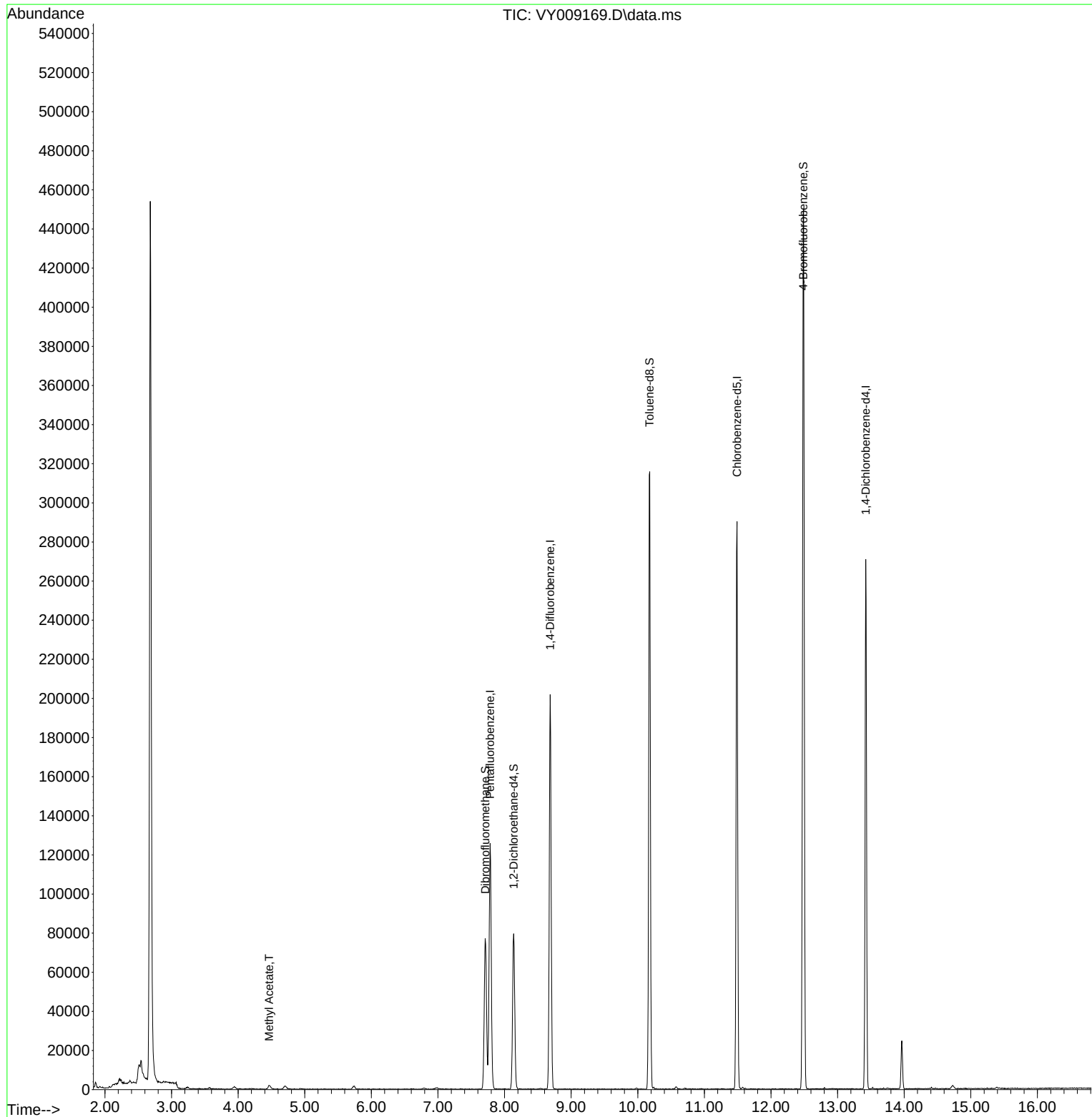
Internal Standards						
1) Pentafluorobenzene	7.783	168	96153	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	168498	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	151083	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	65549	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	60259	60.893	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 121.780%	
35) Dibromofluoromethane	7.710	113	52406	50.016	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 100.040%	
50) Toluene-d8	10.179	98	203749	52.710	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	= 105.420%	
62) 4-Bromofluorobenzene	12.483	95	61244	39.277	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	= 78.560%	
Target Compounds						
18) Methyl Acetate	4.466	43	3355	5.230	ug/l	Qvalue # 75

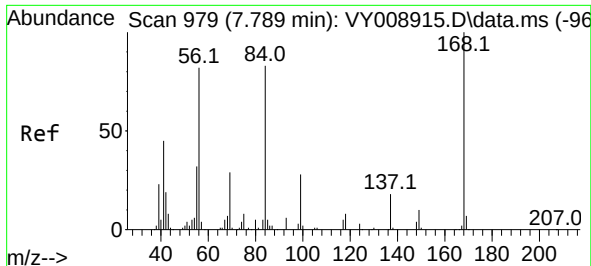
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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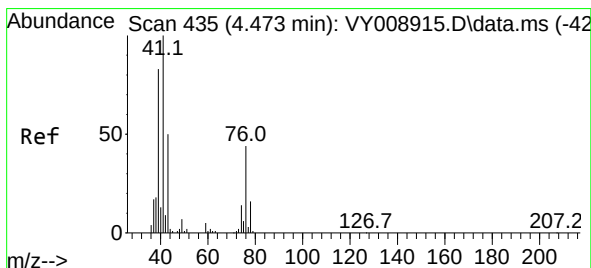
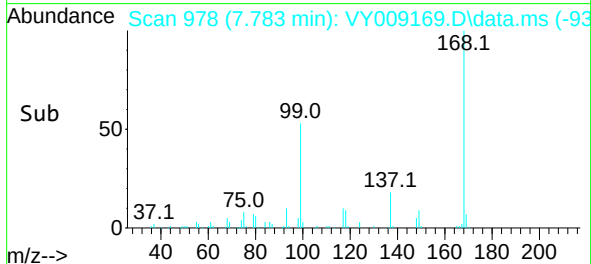
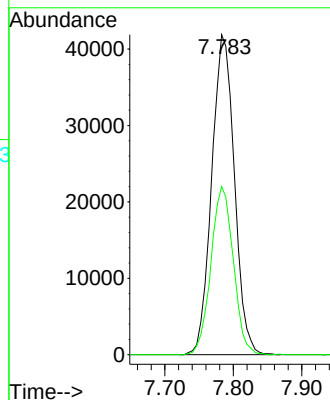
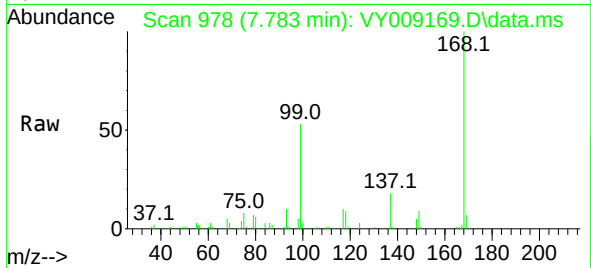




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

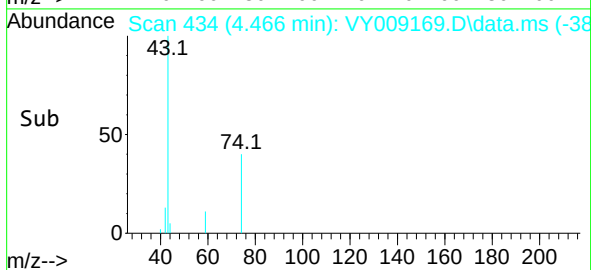
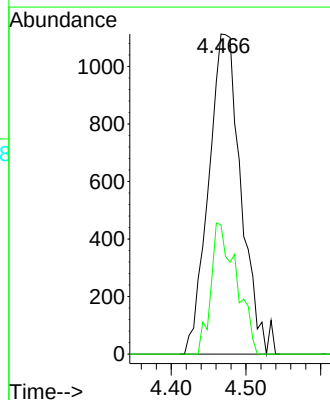
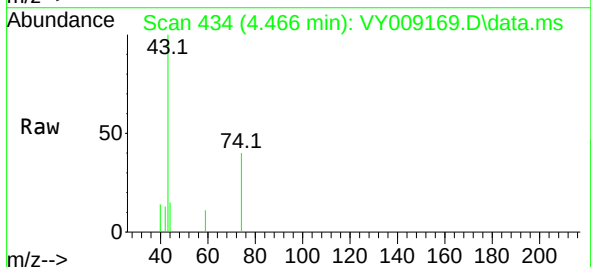
Instrument :
MSVOA_Y
ClientSampleId :
TP-3

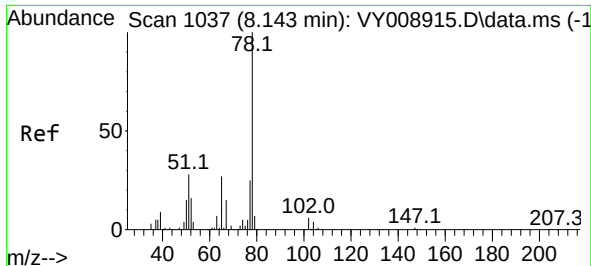
Tgt Ion:168 Resp: 96153
Ion Ratio Lower Upper
168 100
99 52.6 46.9 70.3



#18
Methyl Acetate
Concen: 5.230 ug/l
RT: 4.466 min Scan# 434
Delta R.T. -0.007 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

Tgt Ion: 43 Resp: 3355
Ion Ratio Lower Upper
43 100
74 32.3 16.6 24.8#





#33

1,2-Dichloroethane-d4

Concen: 60.893 ug/l

RT: 8.137 min Scan# 1103

Delta R.T. -0.006 min

Lab File: VY009169.D

Acq: 07 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

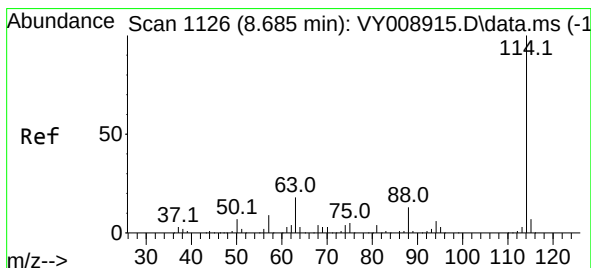
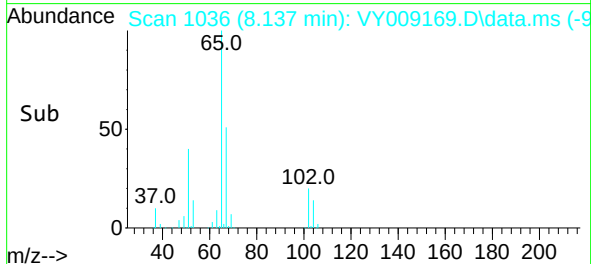
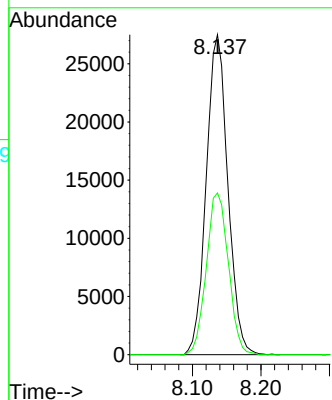
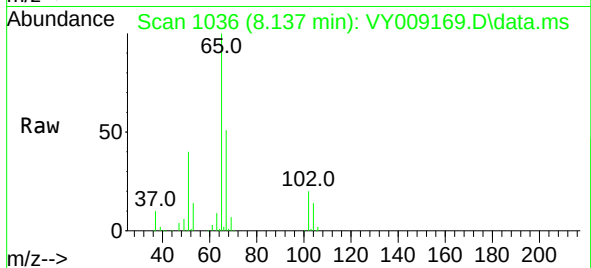
TP-3

Tgt Ion: 65 Resp: 60259

Ion Ratio Lower Upper

65 100

67 51.7 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: VY009169.D

Acq: 07 Jun 2022 17:15

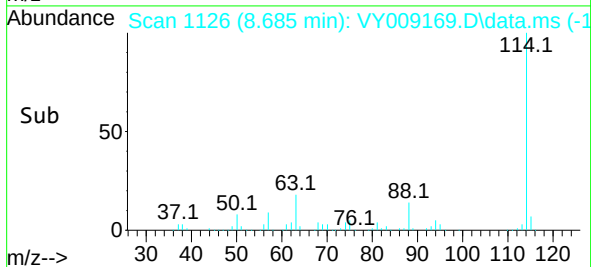
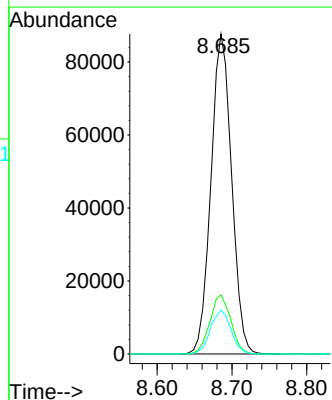
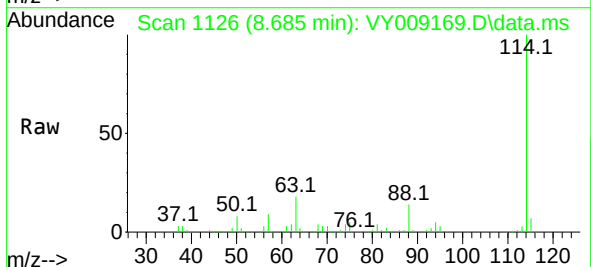
Tgt Ion: 114 Resp: 168498

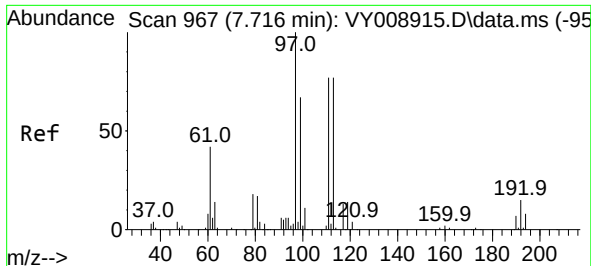
Ion Ratio Lower Upper

114 100

63 18.5 0.0 43.2

88 13.7 0.0 31.8





#35

Dibromofluoromethane

Concen: 50.016 ug/l

RT: 7.710 min Scan# 90

Delta R.T. -0.006 min

Lab File: VY009169.D

Acq: 07 Jun 2022 17:15

Instrument :

MSVOA_Y

ClientSampleId :

TP-3

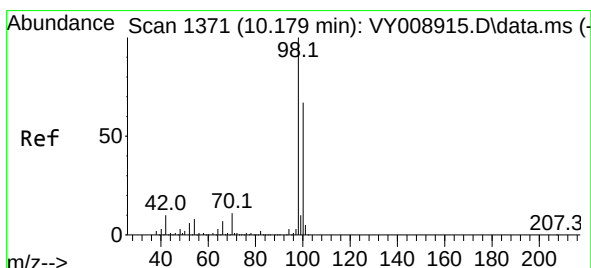
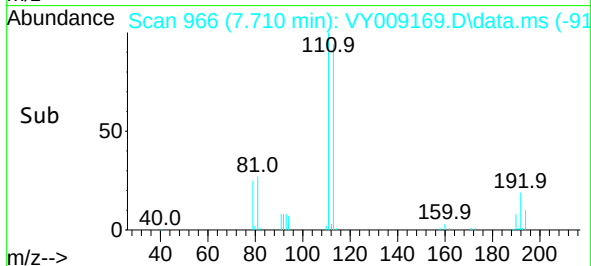
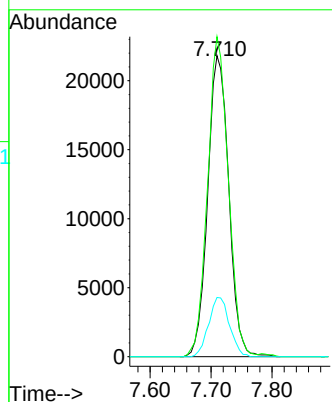
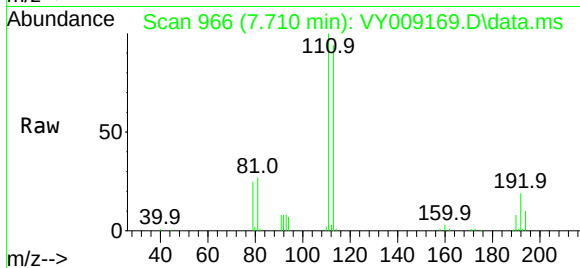
Tgt Ion:113 Resp: 52406

Ion Ratio Lower Upper

113 100

111 104.5 82.6 124.0

192 19.4 17.6 26.4



#50

Toluene-d8

Concen: 52.710 ug/l

RT: 10.179 min Scan# 1371

Delta R.T. -0.000 min

Lab File: VY009169.D

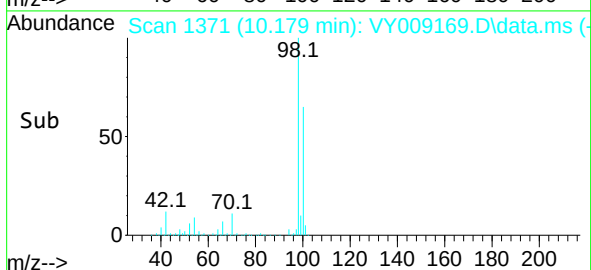
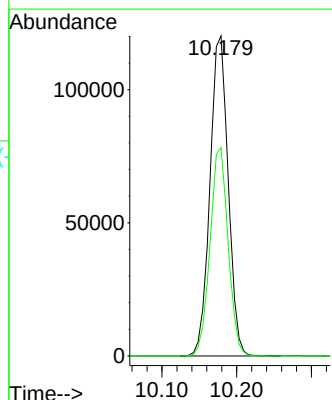
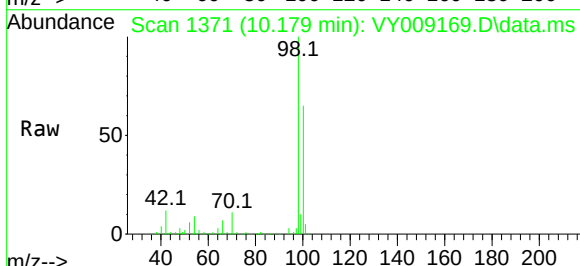
Acq: 07 Jun 2022 17:15

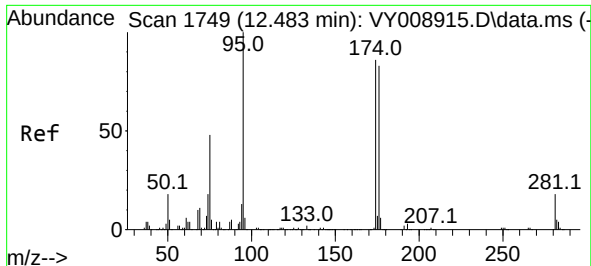
Tgt Ion: 98 Resp: 203749

Ion Ratio Lower Upper

98 100

100 64.7 50.2 75.2

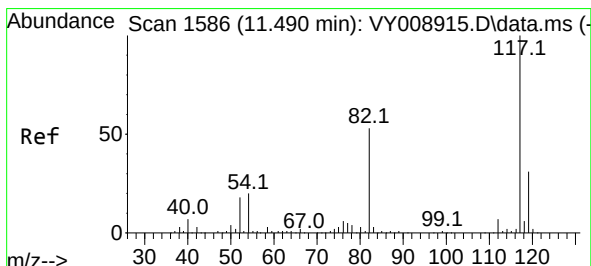
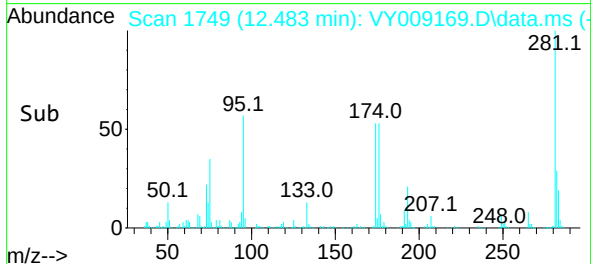
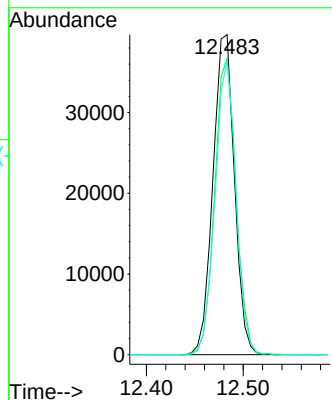
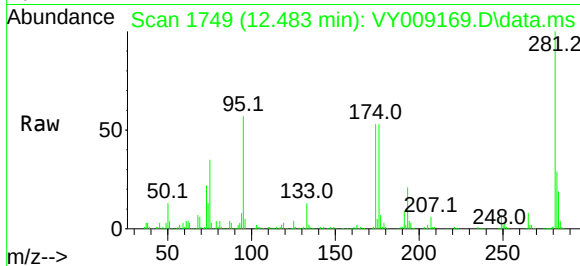




#62
4-Bromofluorobenzene
Concen: 39.277 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

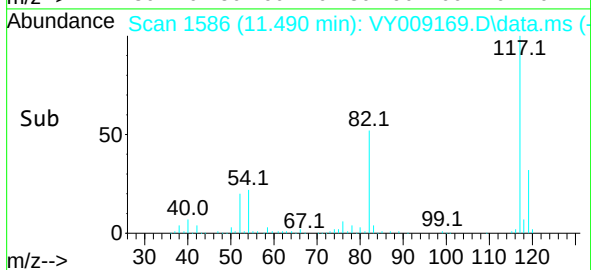
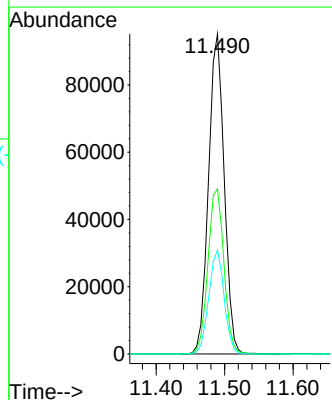
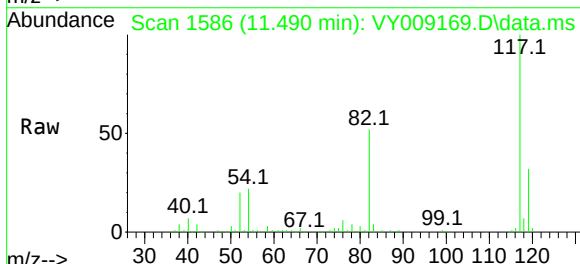
Instrument :
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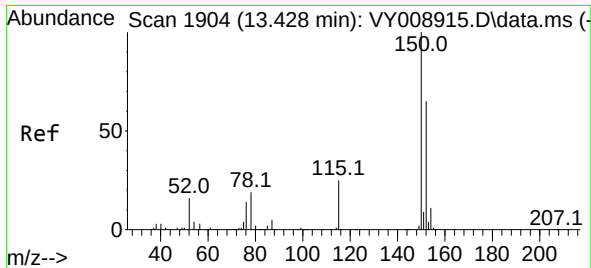
Tgt Ion: 95 Resp: 61244
Ion Ratio Lower Upper
95 100
174 91.7 0.0 177.0
176 89.5 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. -0.000 min
Lab File: VY009169.D
Acq: 07 Jun 2022 17:15

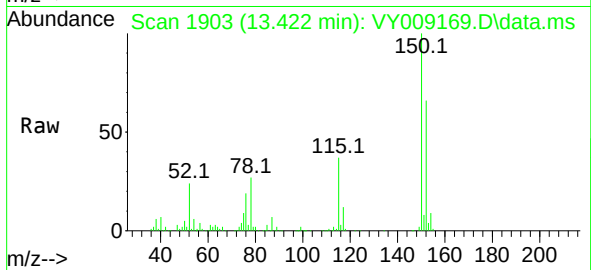
Tgt Ion: 117 Resp: 151083
Ion Ratio Lower Upper
117 100
82 51.6 43.0 64.4
119 32.5 25.4 38.0





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. -0.006 min
 Lab File: VY009169.D
 Acq: 07 Jun 2022 17:15

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-3



Tgt Ion:152 Resp: 65549
 Ion Ratio Lower Upper
 152 100
 115 55.8 28.2 84.7
 150 155.6 0.0 347.6

