

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061622\
 Data File : VY009202.D
 Acq On : 16 Jun 2022 15:04
 Operator : KP/MD
 Sample : N3353-01
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-061422

Quant Time: Jun 17 02:26:45 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061522S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 16 02:54:06 2022
 Response via : Initial Calibration

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

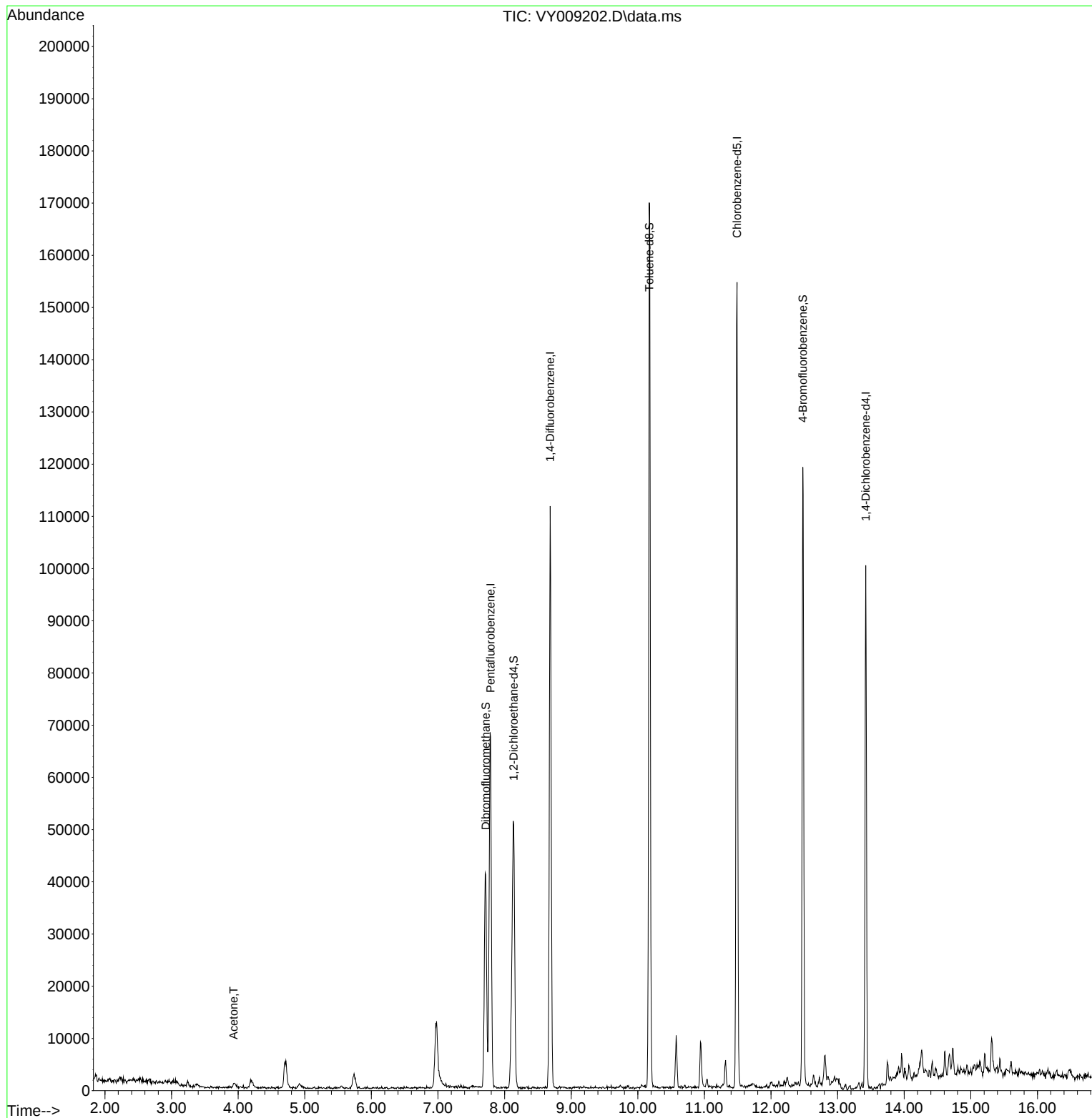
Internal Standards						
1) Pentafluorobenzene	7.789	168	54296	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	91315	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	84468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	28321	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	33200	58.536	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	117.080%
35) Dibromofluoromethane	7.716	113	30038	52.467	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	104.940%
50) Toluene-d8	10.173	98	108294	49.691	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	99.380%
62) 4-Bromofluorobenzene	12.477	95	35787	46.210	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.420%
Target Compounds						
16) Acetone	3.930	43	1768	12.375	ug/l	Qvalue # 81

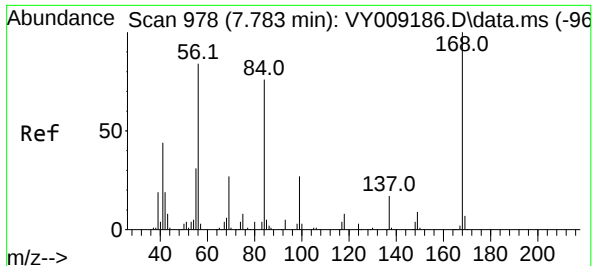
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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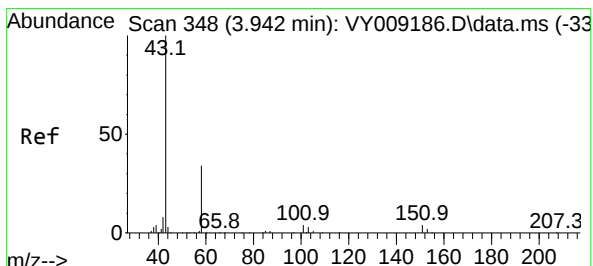
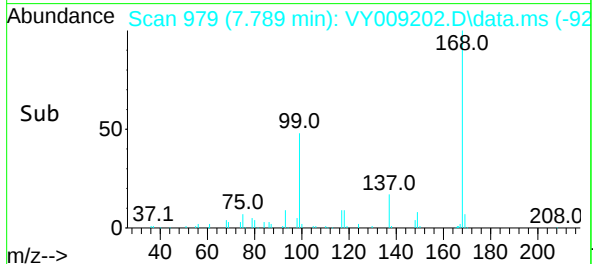
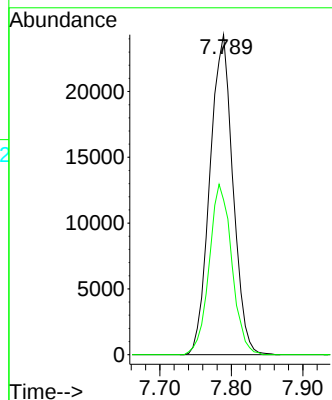
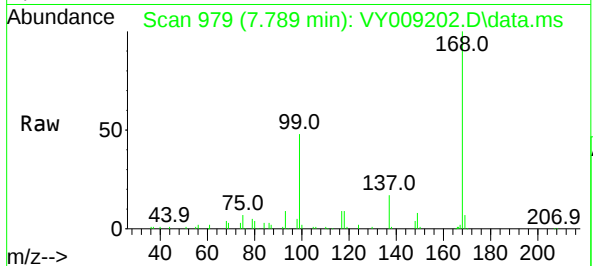




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009202.D
Acq: 16 Jun 2022 15:04

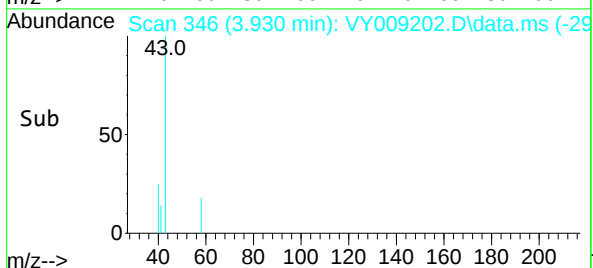
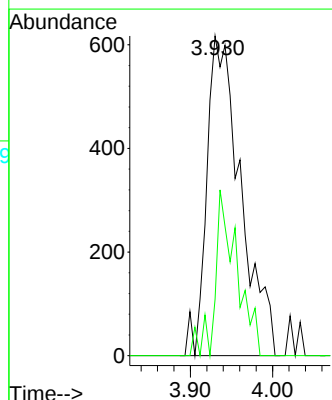
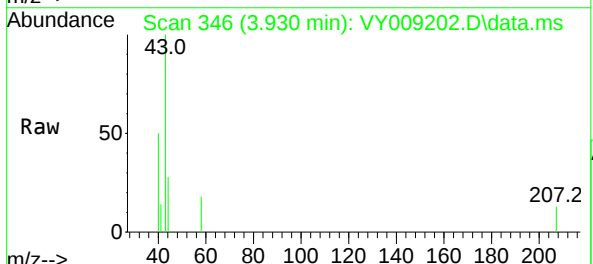
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-061422

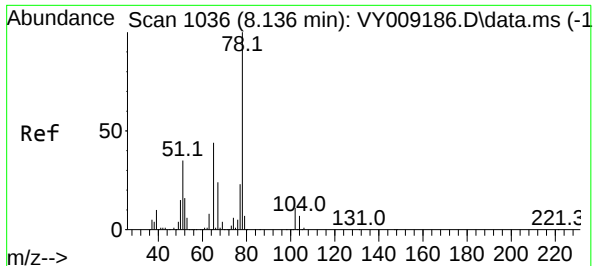
Tgt Ion:168 Resp: 54296
Ion Ratio Lower Upper
168 100
99 48.4 46.9 70.3



#16
Acetone
Concen: 12.375 ug/l
RT: 3.930 min Scan# 346
Delta R.T. -0.012 min
Lab File: VY009202.D
Acq: 16 Jun 2022 15:04

Tgt Ion: 43 Resp: 1768
Ion Ratio Lower Upper
43 100
58 17.7 22.0 33.0#





#33

1,2-Dichloroethane-d4

Concen: 58.536 ug/l

RT: 8.136 min Scan# 1

Delta R.T. 0.000 min

Lab File: VY009202.D

Acq: 16 Jun 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

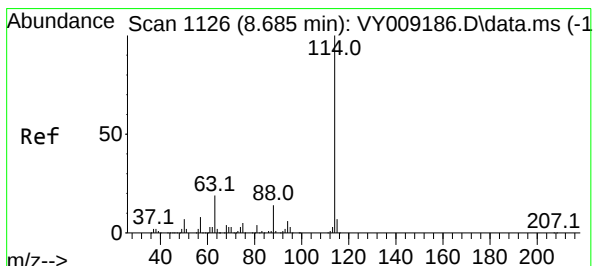
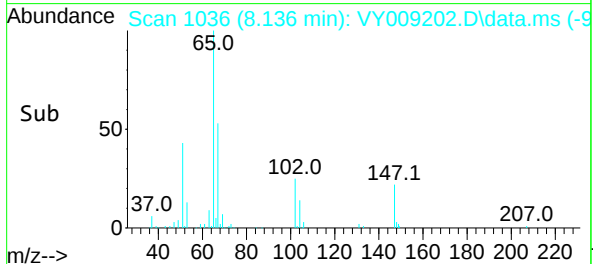
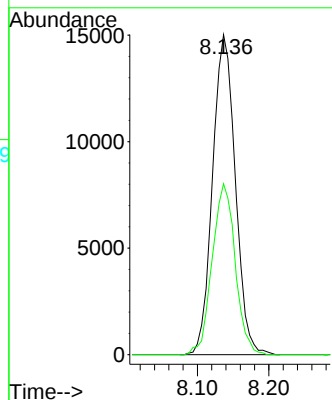
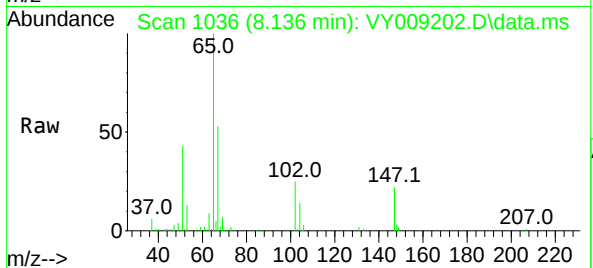
PL-01-061422

Tgt Ion: 65 Resp: 33200

Ion Ratio Lower Upper

65 100

67 54.0 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: VY009202.D

Acq: 16 Jun 2022 15:04

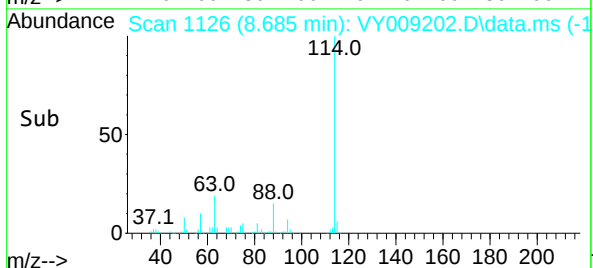
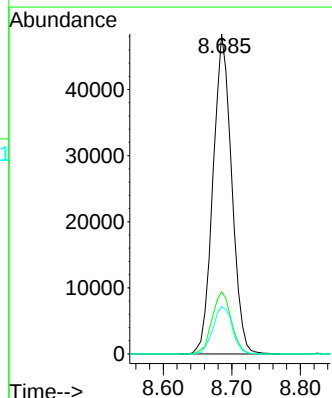
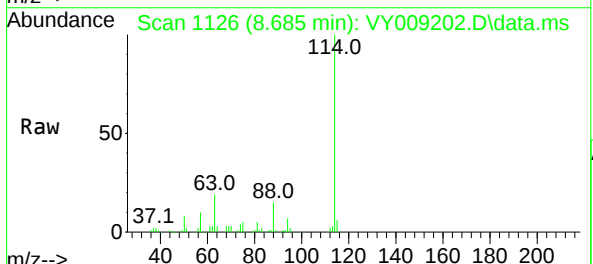
Tgt Ion: 114 Resp: 91315

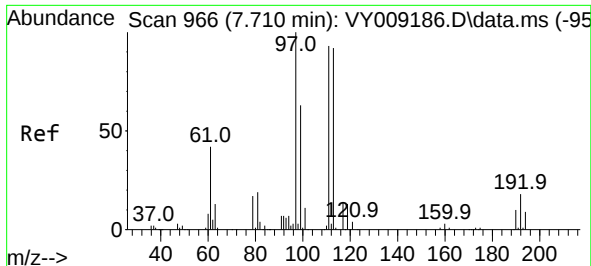
Ion Ratio Lower Upper

114 100

63 19.4 0.0 43.2

88 14.8 0.0 31.8

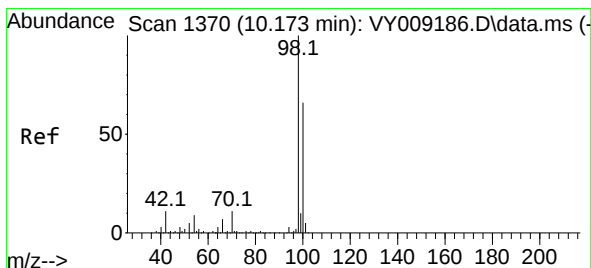
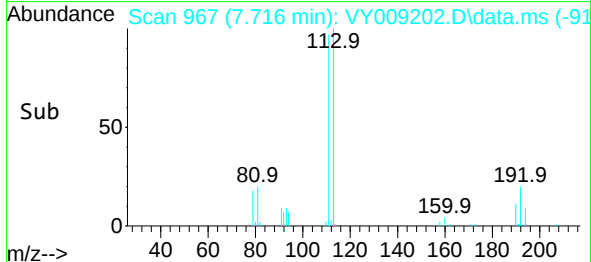
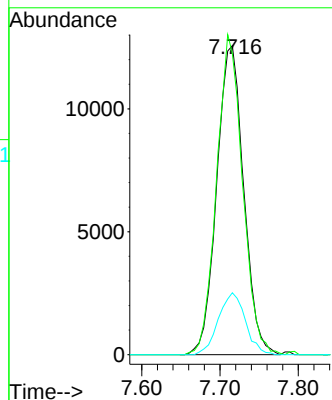
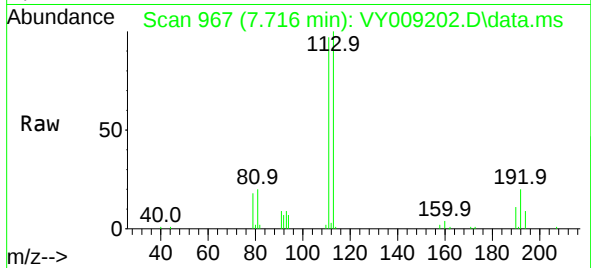




#35
 Dibromofluoromethane
 Concen: 52.467 ug/l
 RT: 7.716 min Scan# 90
 Delta R.T. 0.006 min
 Lab File: VY009202.D
 Acq: 16 Jun 2022 15:04

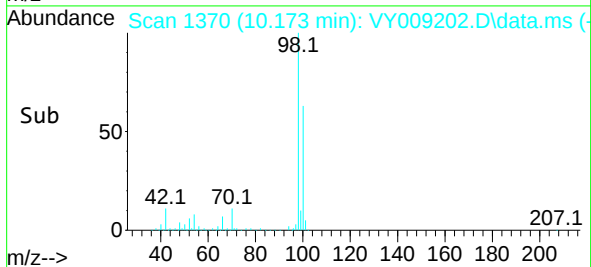
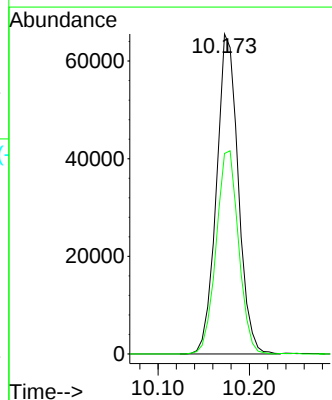
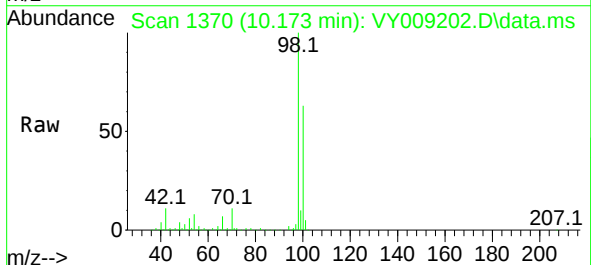
Instrument :
 MSVOA_Y
 ClientSampleId :
 PL-01-061422

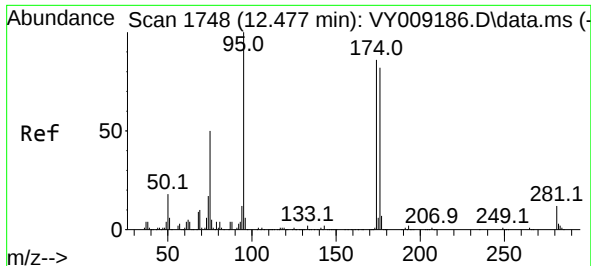
Tgt Ion:113 Resp: 30038
 Ion Ratio Lower Upper
 113 100
 111 99.8 82.6 124.0
 192 20.1 17.6 26.4



#50
 Toluene-d8
 Concen: 49.691 ug/l
 RT: 10.173 min Scan# 1370
 Delta R.T. 0.000 min
 Lab File: VY009202.D
 Acq: 16 Jun 2022 15:04

Tgt Ion: 98 Resp: 108294
 Ion Ratio Lower Upper
 98 100
 100 65.4 50.2 75.2

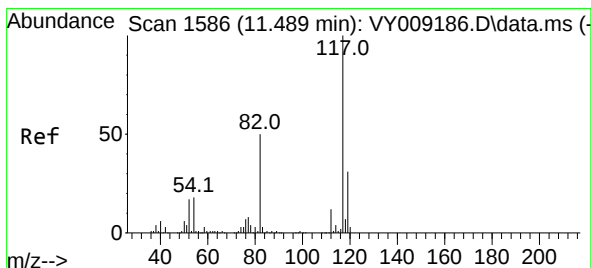
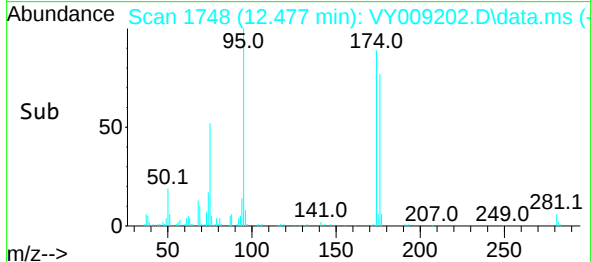
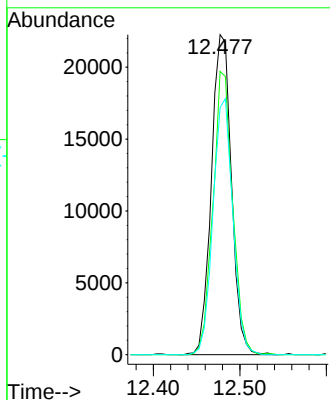
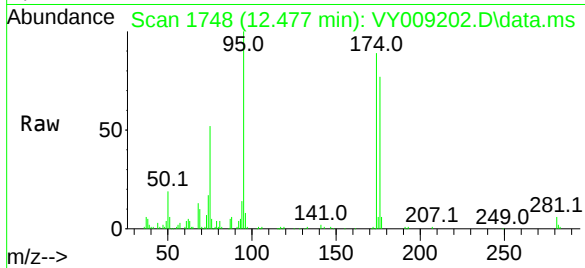




#62
4-Bromofluorobenzene
Concen: 46.210 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009202.D
Acq: 16 Jun 2022 15:04

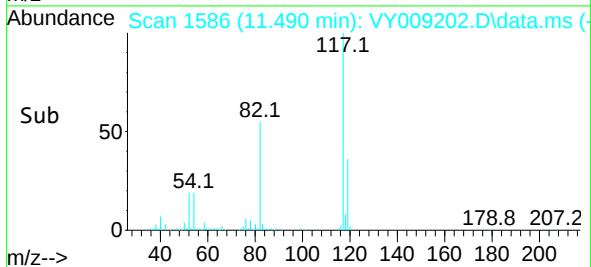
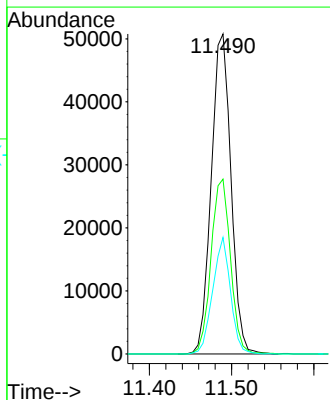
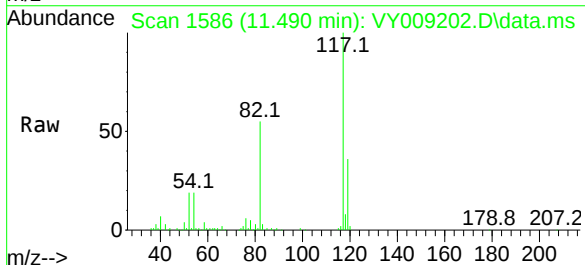
Instrument :
MSVOA_Y
ClientSampleId :
PL-01-061422

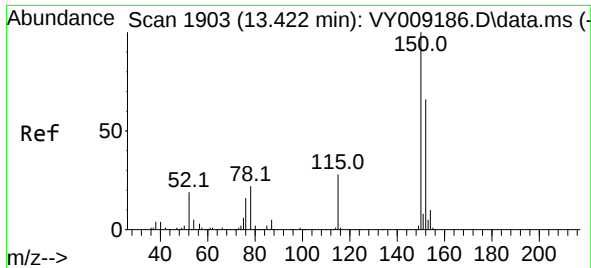
Tgt Ion: 95 Resp: 35787
Ion Ratio Lower Upper
95 100
174 86.8 0.0 177.0
176 79.3 0.0 175.8



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.490 min Scan# 1586
Delta R.T. 0.000 min
Lab File: VY009202.D
Acq: 16 Jun 2022 15:04

Tgt Ion: 117 Resp: 84468
Ion Ratio Lower Upper
117 100
82 54.7 43.0 64.4
119 36.4 25.4 38.0





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY009202.D

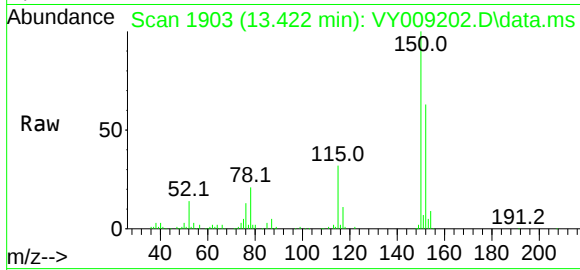
Acq: 16 Jun 2022 15:04

Instrument :

MSVOA_Y

ClientSampleId :

PL-01-061422



Tgt Ion:152 Resp: 28321

Ion Ratio Lower Upper

152 100

115 49.9 28.2 84.7

150 154.3 0.0 347.6

