

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009246.D
 Acq On : 20 Jun 2022 17:08
 Operator : KP/MD
 Sample : N3414-01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SU-04-062022

Quant Time: Jun 21 08:13:35 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)

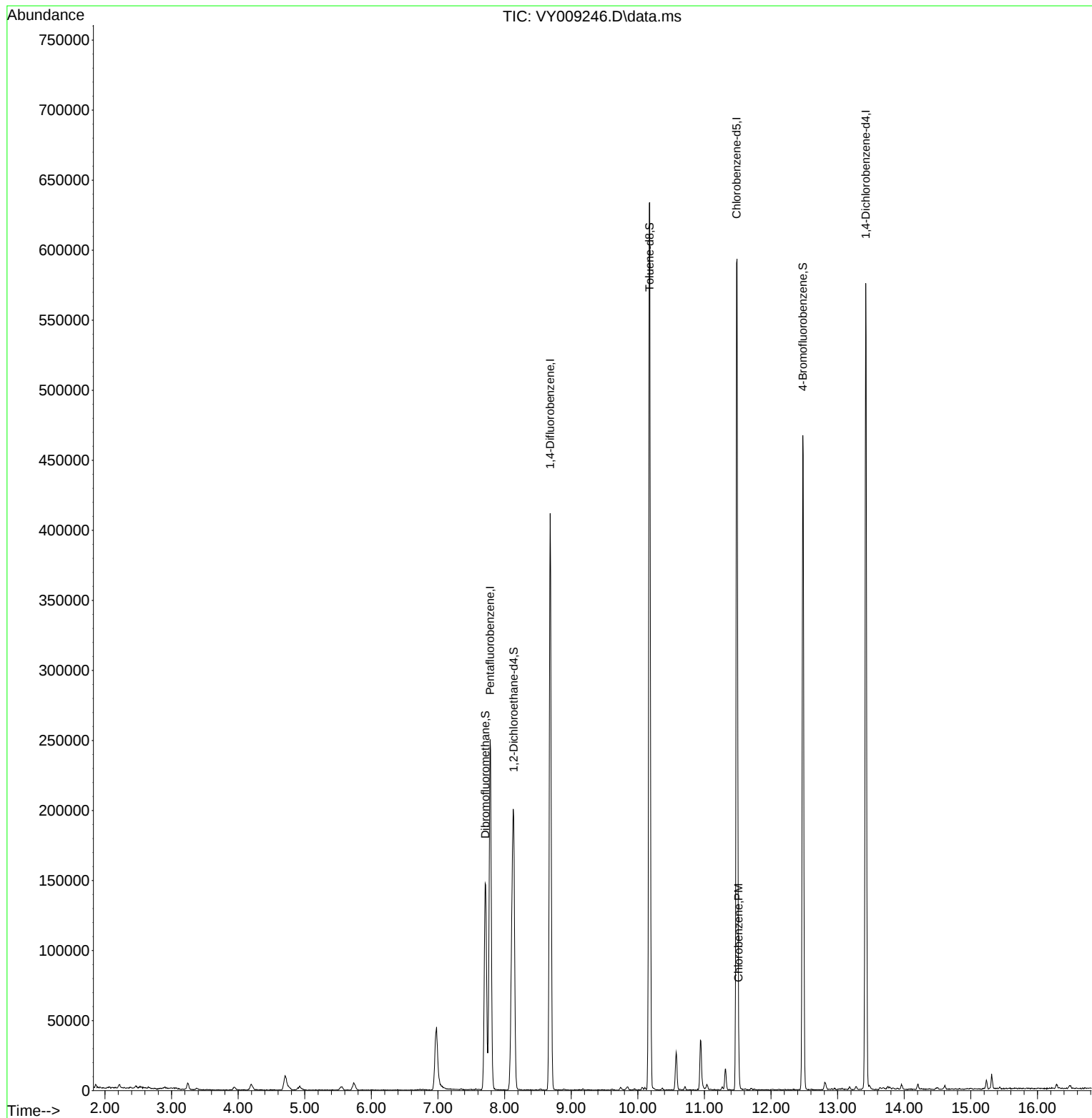
Internal Standards						
1) Pentafluorobenzene	7.783	168	201097	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	347209	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	327744	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	148701	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	117643	56.003	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	112.000%
35) Dibromofluoromethane	7.710	113	107981	49.604	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	99.200%
50) Toluene-d8	10.179	98	418518	50.505	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	101.020%
62) 4-Bromofluorobenzene	12.477	95	140584	47.742	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.480%
Target Compounds						
65) Chlorobenzene	11.514	112	8714	1.227	ug/l	Qvalue 94

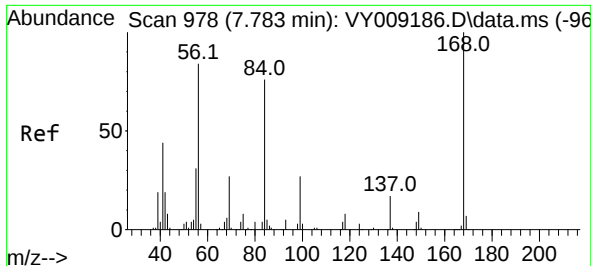
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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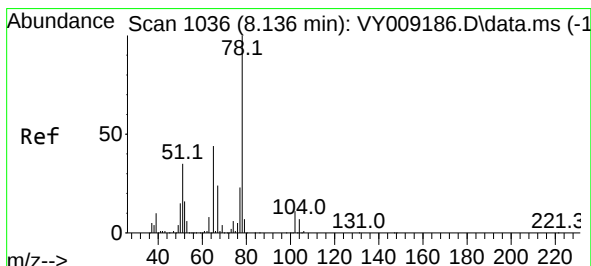
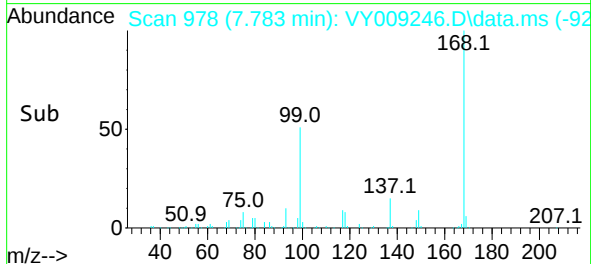
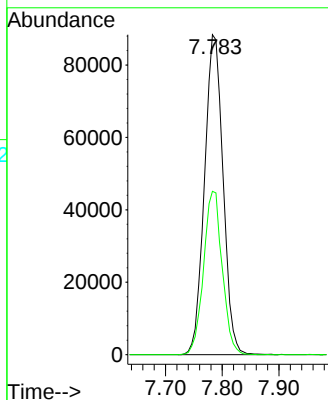
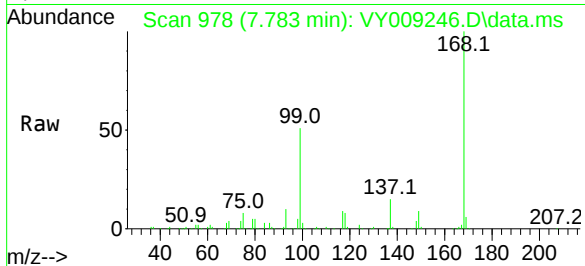




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

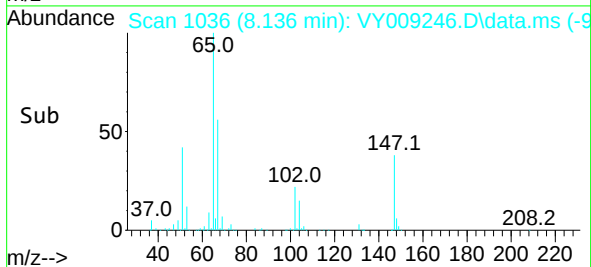
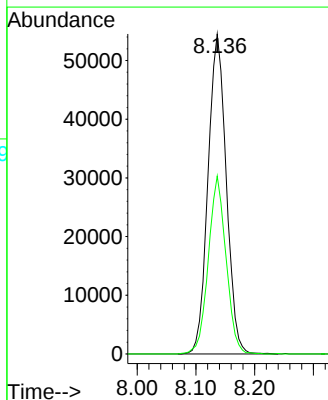
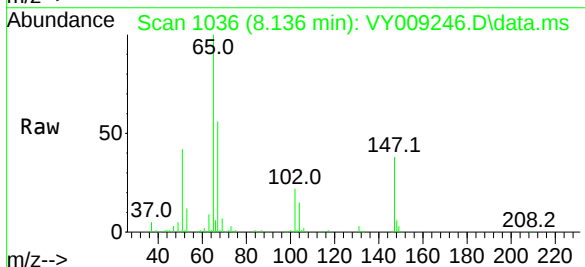
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-062022

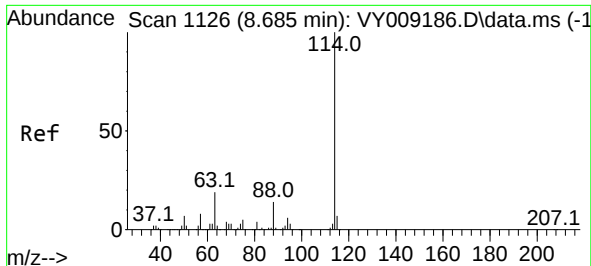
Tgt Ion:168 Resp: 201097
Ion Ratio Lower Upper
168 100
99 51.0 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.003 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

Tgt Ion: 65 Resp: 117643
Ion Ratio Lower Upper
65 100
67 54.0 0.0 99.4

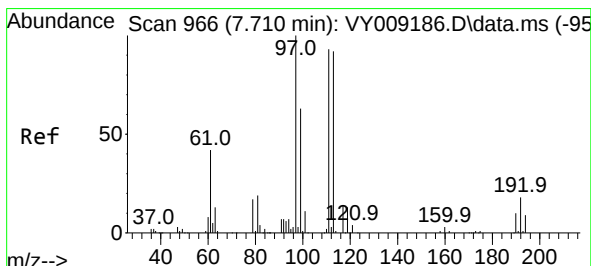
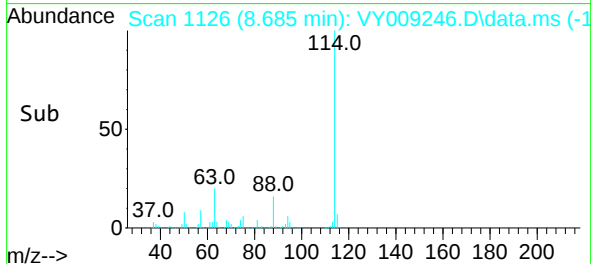
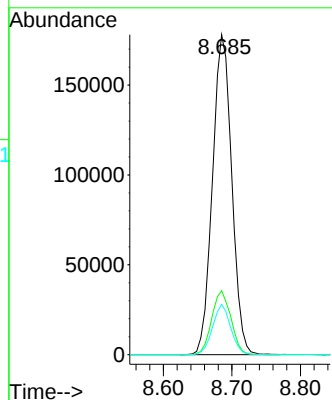
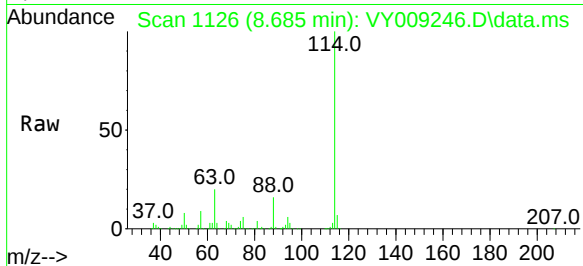




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

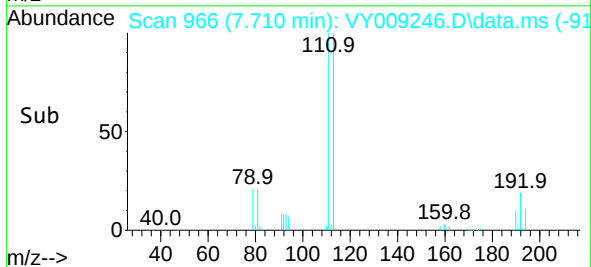
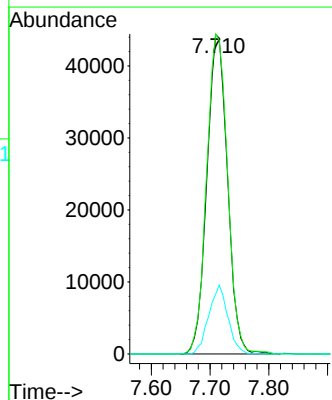
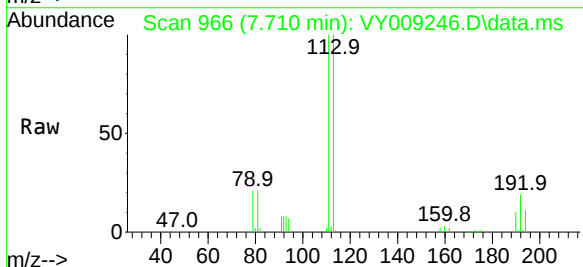
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-062022

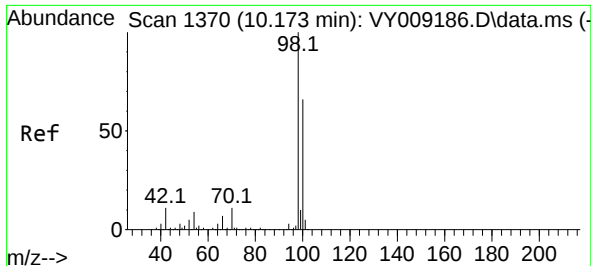
Tgt Ion:114 Resp: 347209
Ion Ratio Lower Upper
114 100
63 20.0 0.0 43.2
88 15.7 0.0 31.8



#35
Dibromofluoromethane
Concen: 49.604 ug/l
RT: 7.710 min Scan# 966
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

Tgt Ion:113 Resp: 107981
Ion Ratio Lower Upper
113 100
111 102.4 82.6 124.0
192 20.0 17.6 26.4

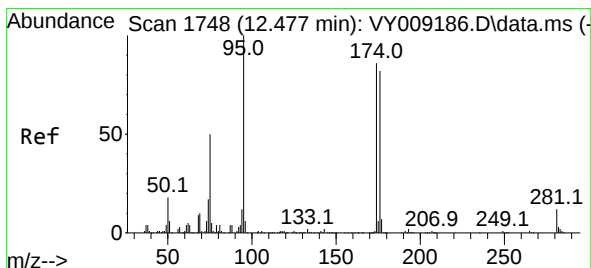
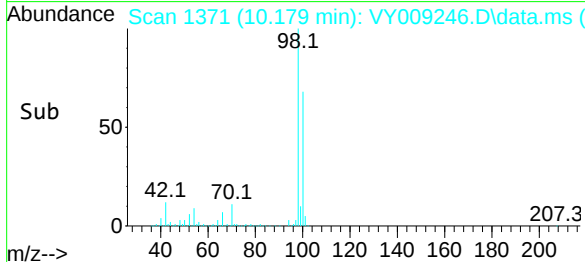
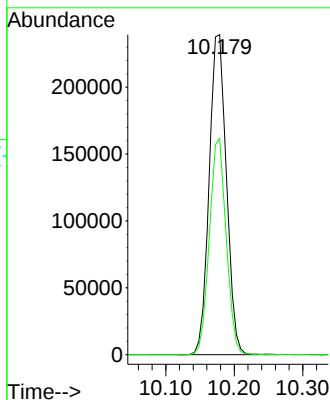
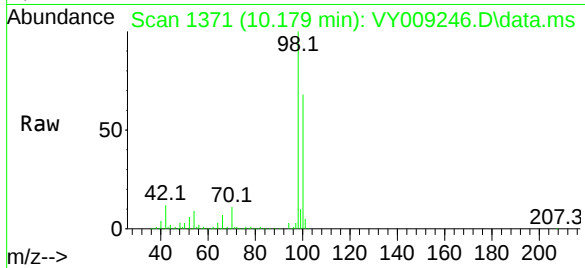




#50
Toluene-d8
Concen: 50.505 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

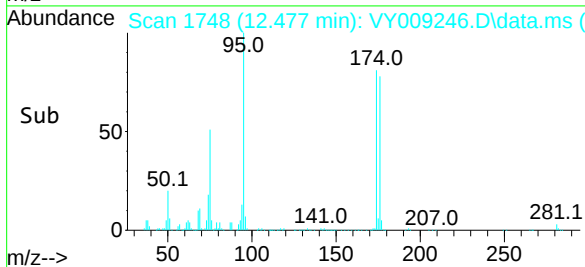
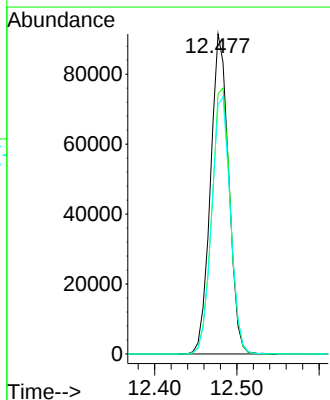
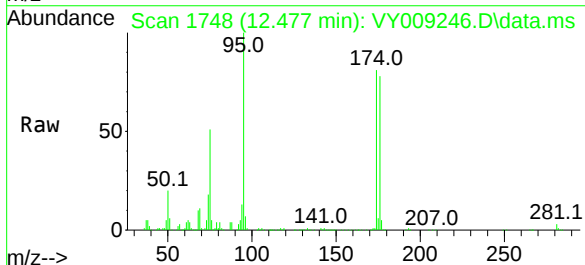
Instrument :
MSVOA_Y
ClientSampleId :
SU-04-062022

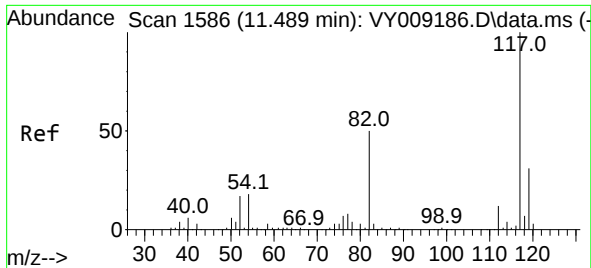
Tgt Ion: 98 Resp: 418518
Ion Ratio Lower Upper
98 100
100 65.8 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.742 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

Tgt Ion: 95 Resp: 140584
Ion Ratio Lower Upper
95 100
174 84.7 0.0 177.0
176 82.6 0.0 175.8

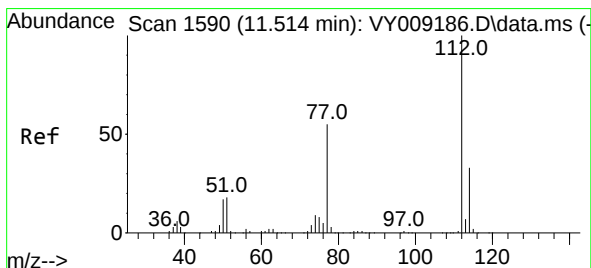
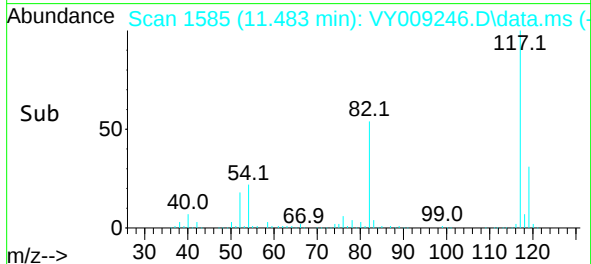
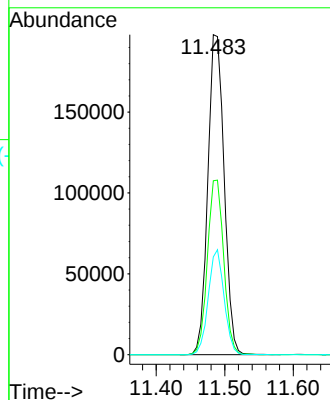
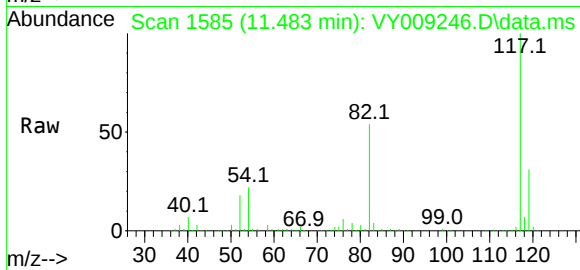




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.483 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

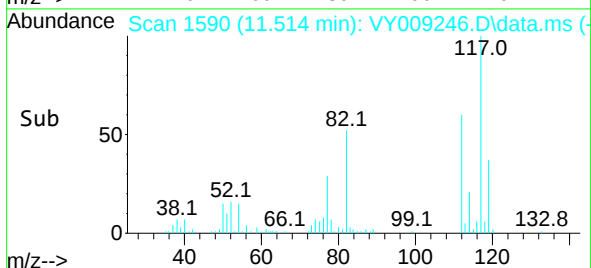
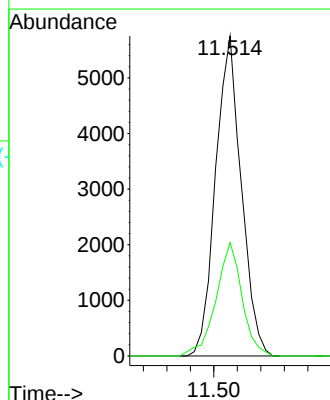
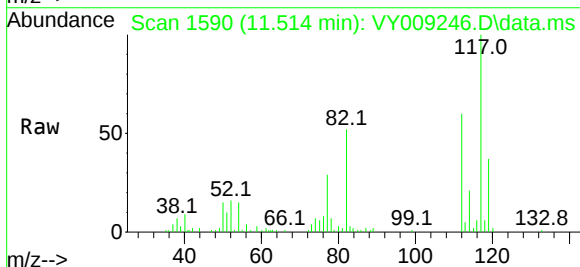
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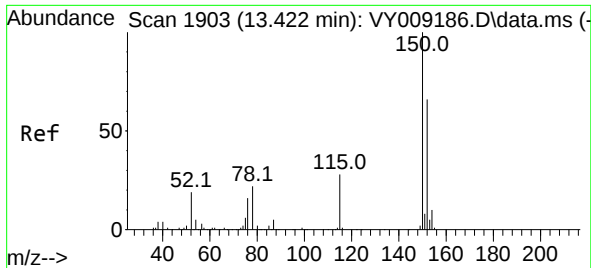
Tgt Ion:117 Resp: 327744
Ion Ratio Lower Upper
117 100
82 54.4 43.0 64.4
119 30.5 25.4 38.0



#65
Chlorobenzene
Concen: 1.227 ug/l
RT: 11.514 min Scan# 1590
Delta R.T. -0.000 min
Lab File: VY009246.D
Acq: 20 Jun 2022 17:08

Tgt Ion:112 Resp: 8714
Ion Ratio Lower Upper
112 100
114 35.4 25.8 38.6





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. -0.000 min

Lab File: VY009246.D

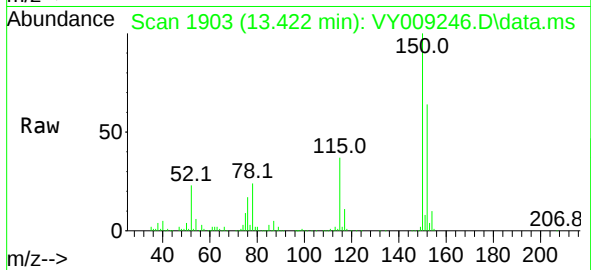
Acq: 20 Jun 2022 17:08

Instrument :

MSVOA_Y

ClientSampleId :

SU-04-062022



Tgt Ion:152 Resp: 148701

Ion Ratio Lower Upper

152 100

115 56.6 28.2 84.7

150 157.4 0.0 347.6

