

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062722\
 Data File : VY009346.D
 Acq On : 27 Jun 2022 16:31
 Operator : KP/MD
 Sample : N3426-05
 Misc : 6.86g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2202-35

Quant Time: Jun 28 04:30:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062422S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jun 25 07:08:46 2022
 Response via : Initial Calibration

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

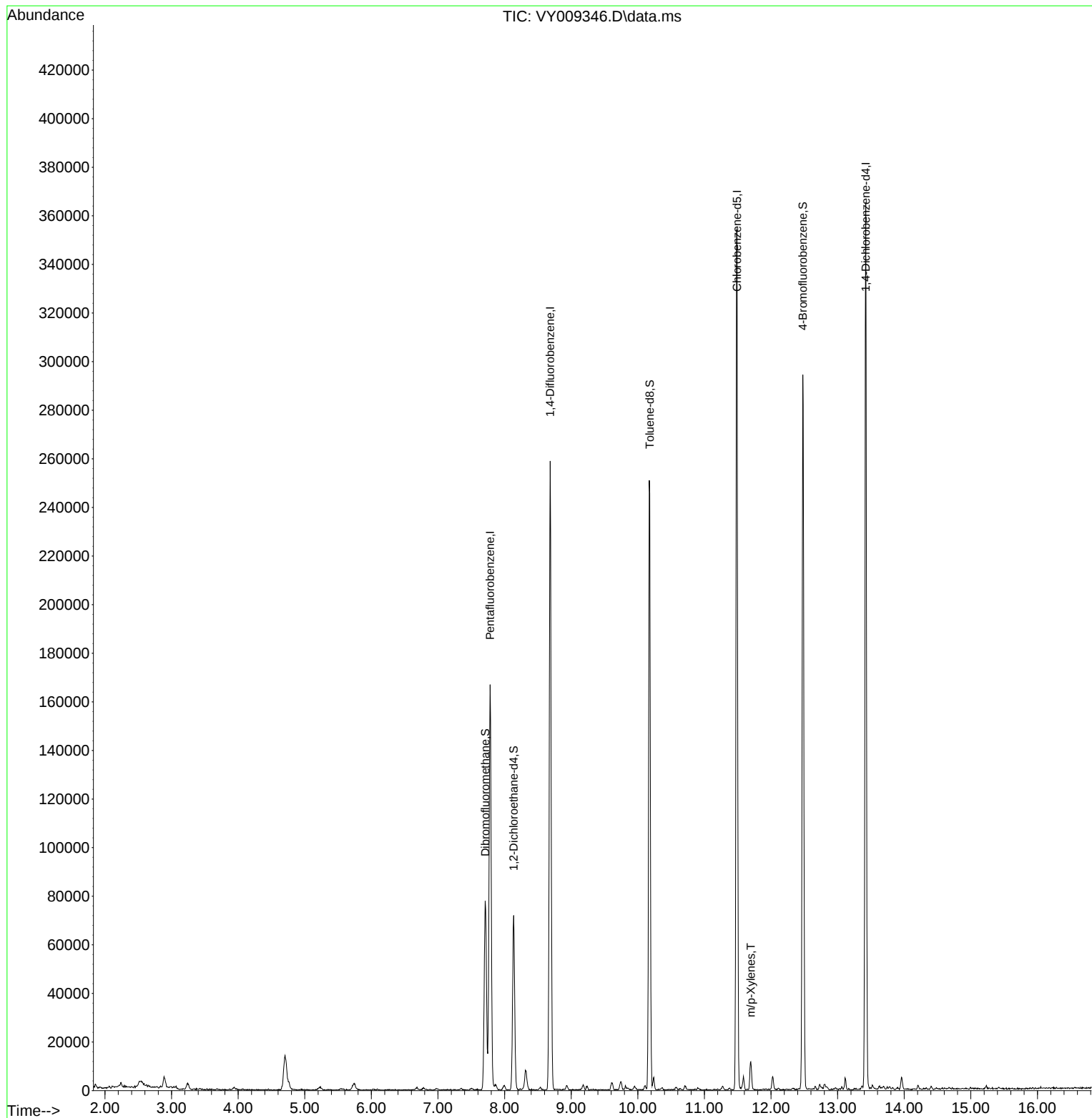
Internal Standards						
1) Pentafluorobenzene	7.783	168	126260	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	212001	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	194280	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	91285	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	52578	55.826	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	111.660%
35) Dibromofluoromethane	7.710	113	54937	48.010	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.020%
50) Toluene-d8	10.179	98	164024	48.912	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.820%
62) 4-Bromofluorobenzene	12.477	95	75575	46.373	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.740%
Target Compounds						
68) m/p-Xylenes	11.697	106	3513	1.314	ug/l	Qvalue 94

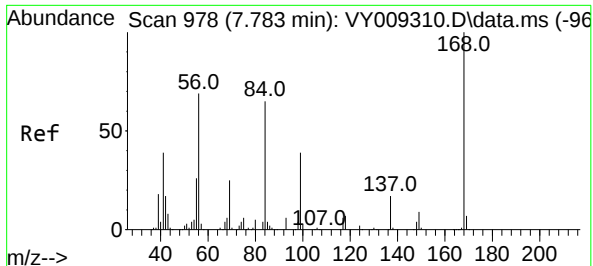
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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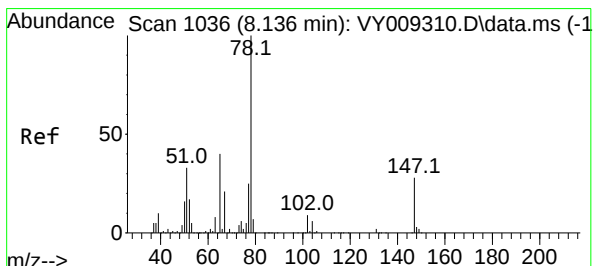
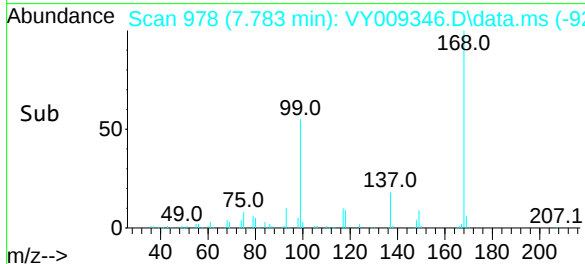
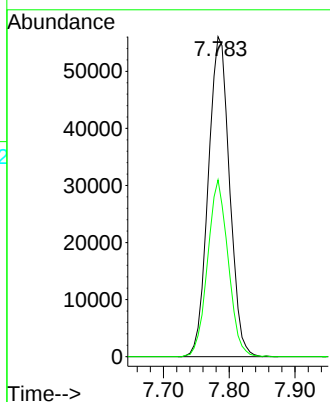
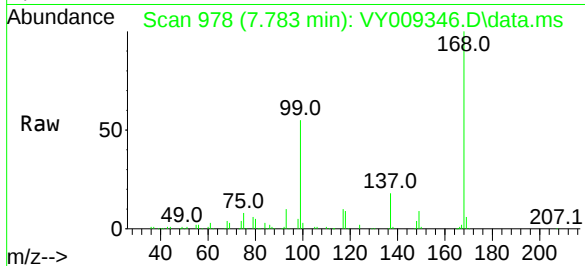




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

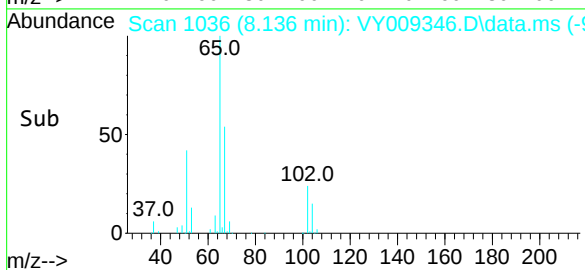
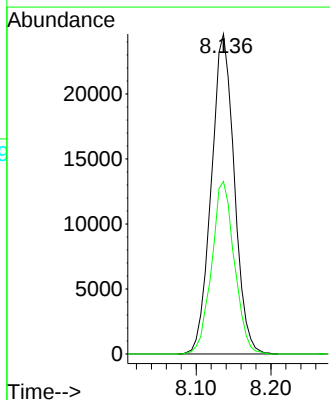
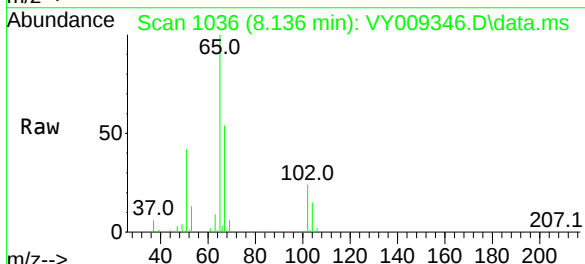
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

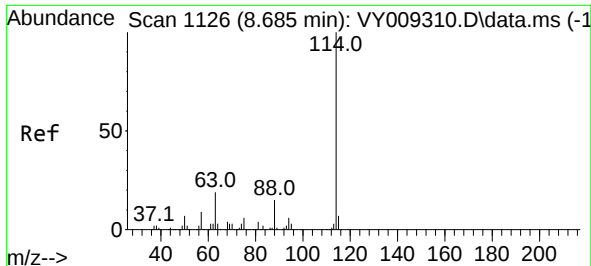
Tgt Ion:168 Resp: 126260
Ion Ratio Lower Upper
168 100
99 55.3 42.1 63.1



#33
1,2-Dichloroethane-d4
Concen: 55.826 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 65 Resp: 52578
Ion Ratio Lower Upper
65 100
67 53.3 0.0 108.4

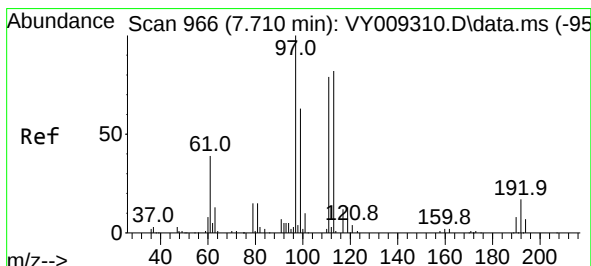
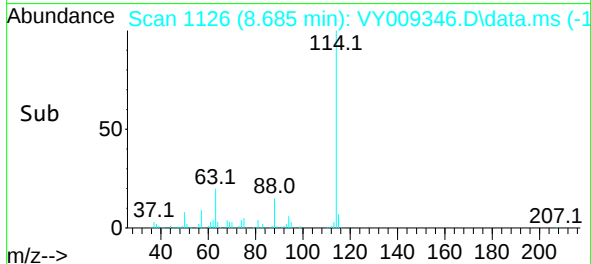
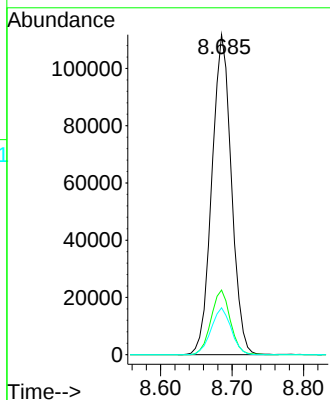
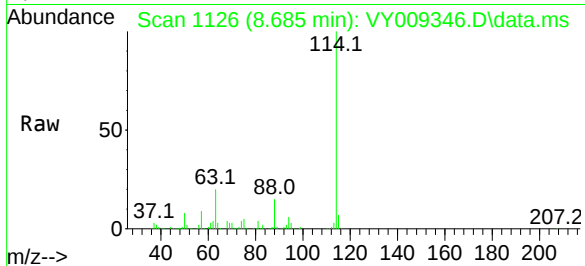




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

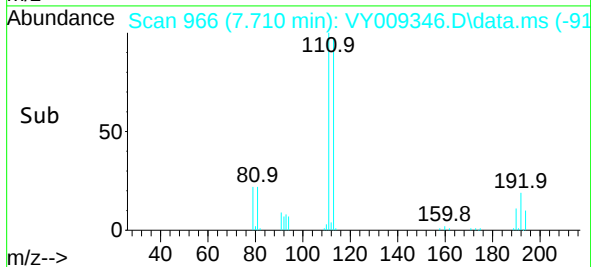
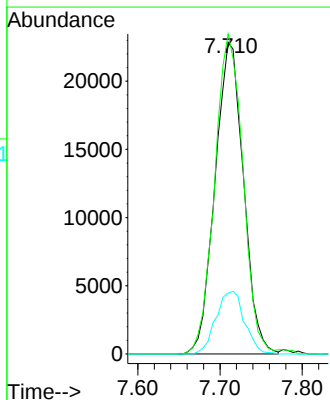
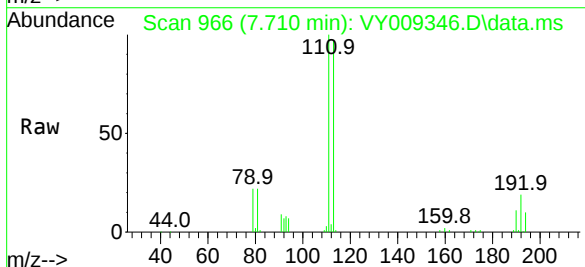
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

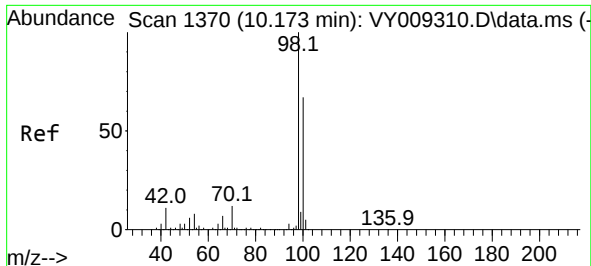
Tgt Ion:114 Resp: 212001
Ion Ratio Lower Upper
114 100
63 20.2 0.0 38.0
88 14.7 0.0 30.0



#35
Dibromofluoromethane
Concen: 48.010 ug/l
RT: 7.710 min Scan# 966
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion:113 Resp: 54937
Ion Ratio Lower Upper
113 100
111 102.6 80.6 120.8
192 20.1 16.2 24.4

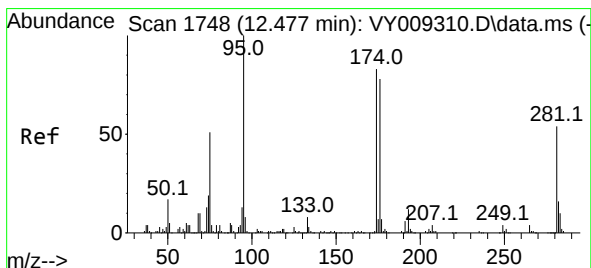
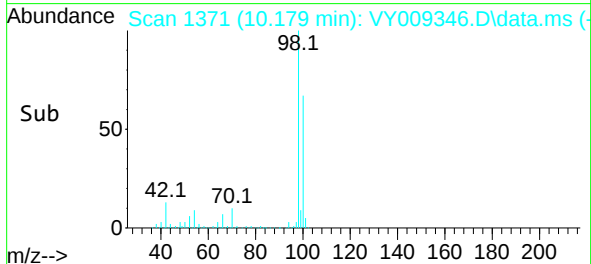
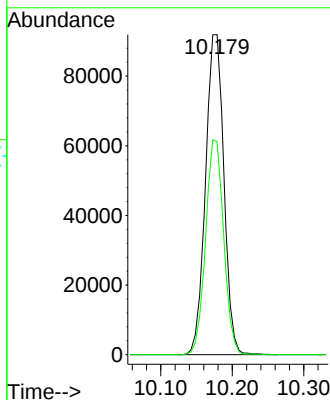
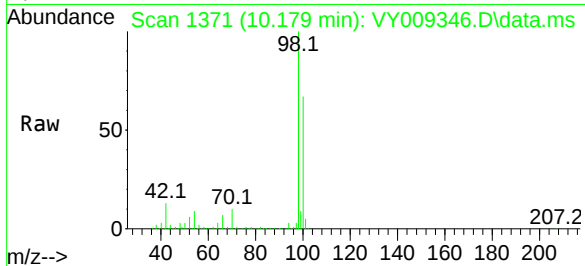




#50
Toluene-d8
Concen: 48.912 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

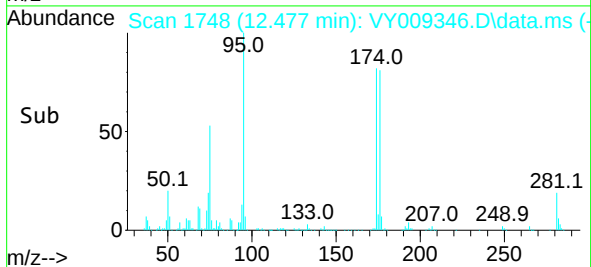
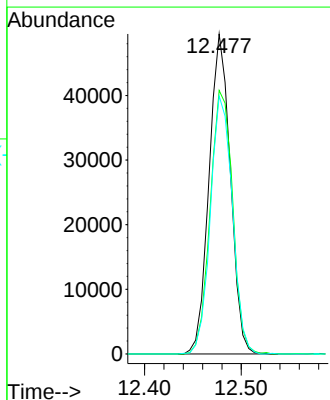
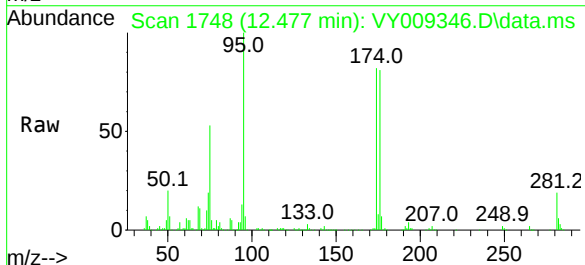
Instrument :
MSVOA_Y
ClientSampleId :
B2202-35

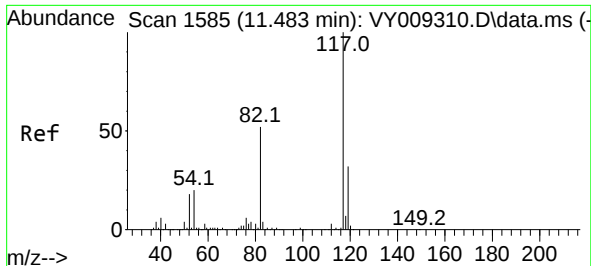
Tgt Ion: 98 Resp: 164024
Ion Ratio Lower Upper
98 100
100 66.2 52.9 79.3



#62
4-Bromofluorobenzene
Concen: 46.373 ug/l
RT: 12.477 min Scan# 1748
Delta R.T. 0.000 min
Lab File: VY009346.D
Acq: 27 Jun 2022 16:31

Tgt Ion: 95 Resp: 75575
Ion Ratio Lower Upper
95 100
174 86.8 0.0 173.8
176 83.1 0.0 167.0





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY009346.D

Acq: 27 Jun 2022 16:31

Instrument :

MSVOA_Y

ClientSampleId :

B2202-35

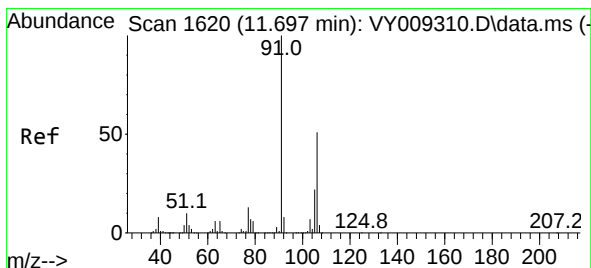
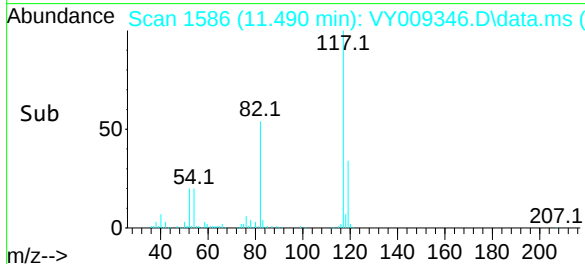
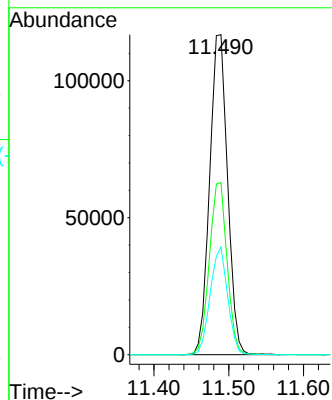
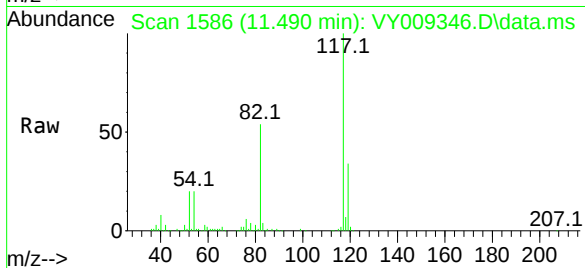
Tgt Ion:117 Resp: 194280

Ion Ratio Lower Upper

117 100

82 53.8 41.8 62.6

119 33.7 25.6 38.4



#68

m/p-Xylenes

Concen: 1.314 ug/l

RT: 11.697 min Scan# 1620

Delta R.T. 0.000 min

Lab File: VY009346.D

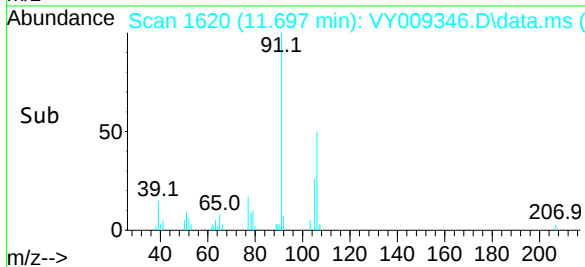
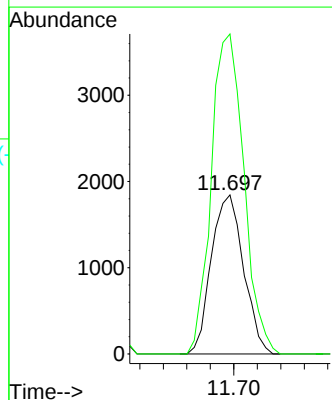
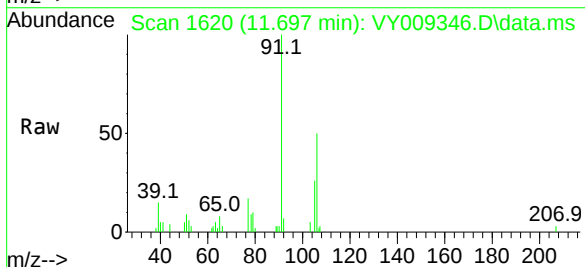
Acq: 27 Jun 2022 16:31

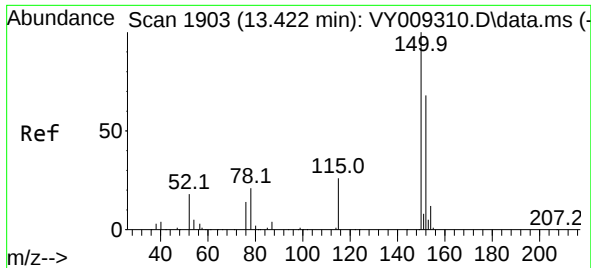
Tgt Ion:106 Resp: 3513

Ion Ratio Lower Upper

106 100

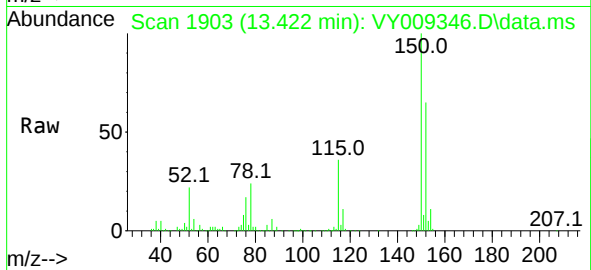
91 203.6 156.2 234.2





#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 13.422 min Scan# 1903
 Delta R.T. 0.000 min
 Lab File: VY009346.D
 Acq: 27 Jun 2022 16:31

Instrument :
 MSVOA_Y
 ClientSampleId :
 B2202-35



Tgt Ion:152 Resp: 91285
 Ion Ratio Lower Upper
 152 100
 115 56.4 28.6 85.9
 150 157.0 0.0 349.8

