

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062022\
 Data File : VY009238.D
 Acq On : 20 Jun 2022 11:58
 Operator : KP/MD
 Sample : VY0620SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0620SBL01

Quant Time: Jun 21 08:11:57 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	212077	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	367637	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	341491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152783	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	125689	56.735	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	113.480%
35) Dibromofluoromethane	7.716	113	111829	48.517	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	97.040%
50) Toluene-d8	10.179	98	440530	50.208	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	100.420%
62) 4-Bromofluorobenzene	12.483	95	148171	47.522	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	95.040%

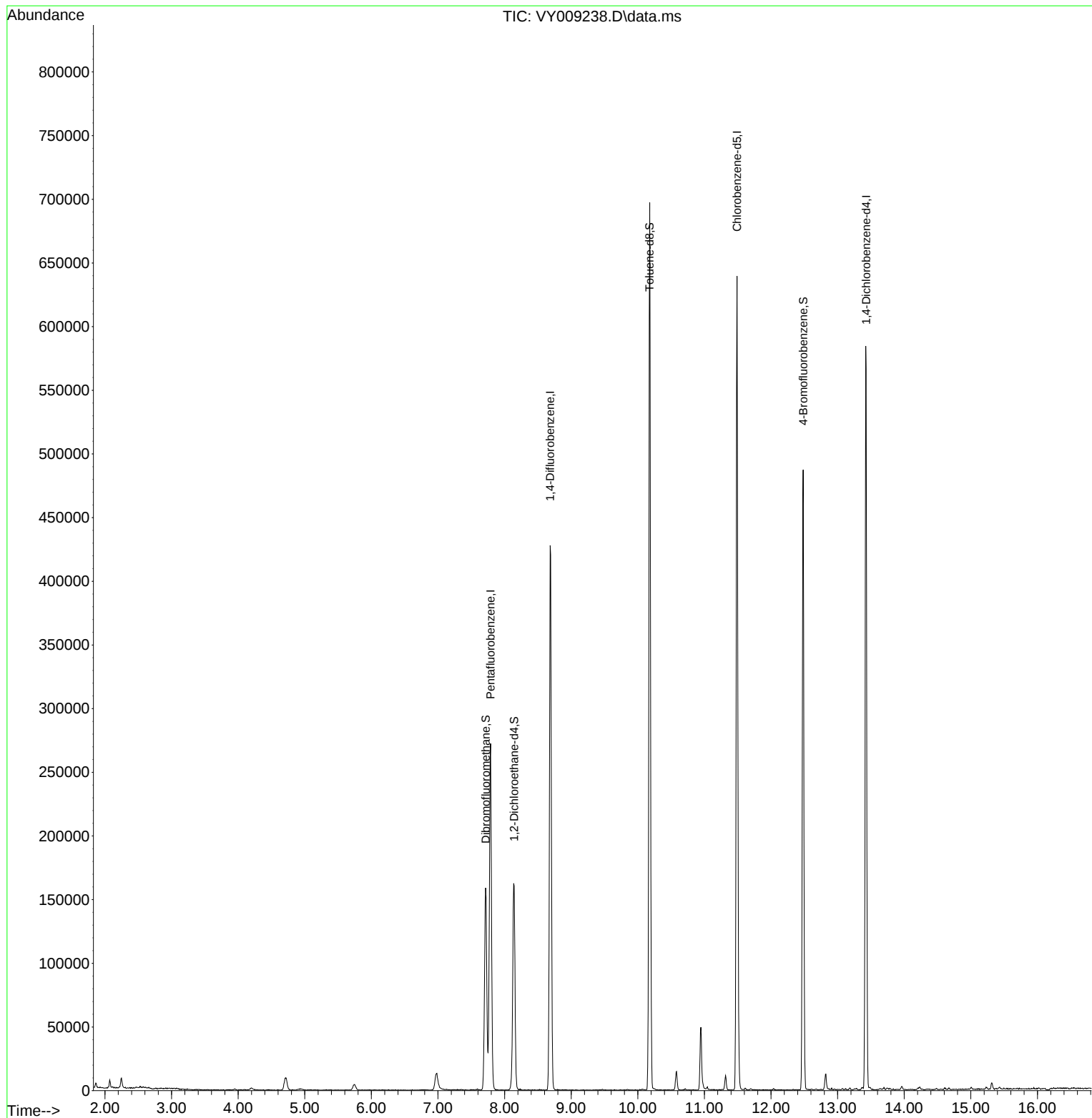
Target Compounds	Qvalue

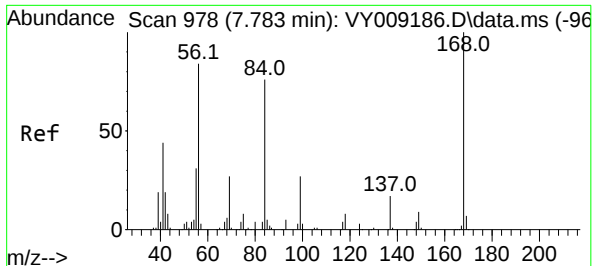
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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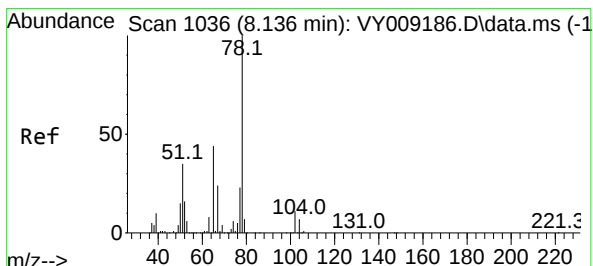
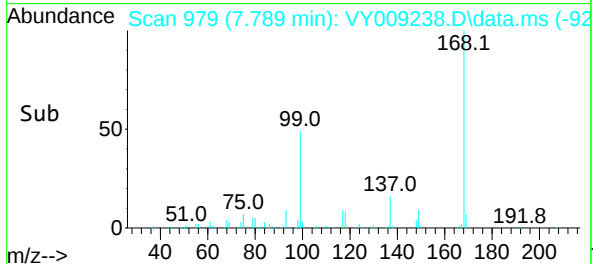
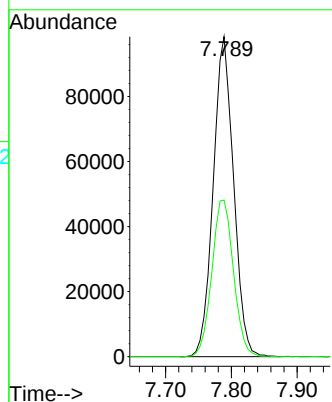
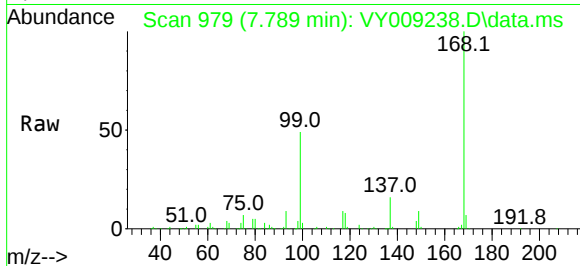




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

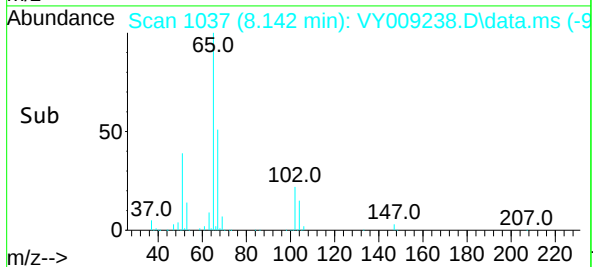
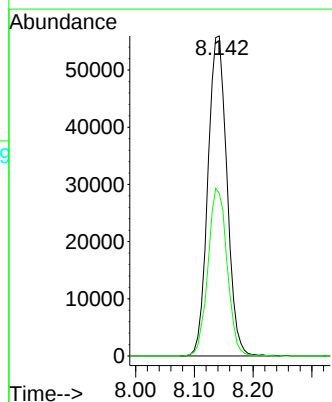
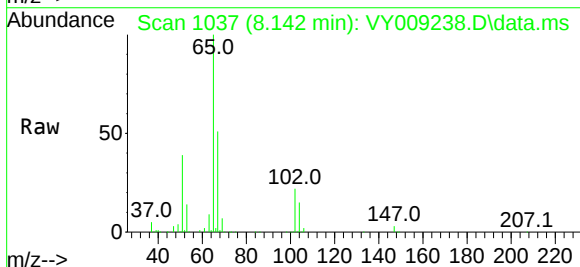
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

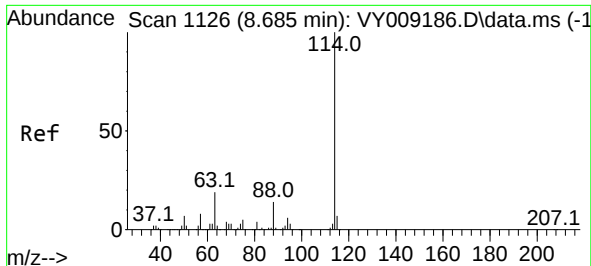
Tgt Ion:168 Resp: 212077
Ion Ratio Lower Upper
168 100
99 48.9 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 56.735 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

Tgt Ion: 65 Resp: 125689
Ion Ratio Lower Upper
65 100
67 52.7 0.0 99.4

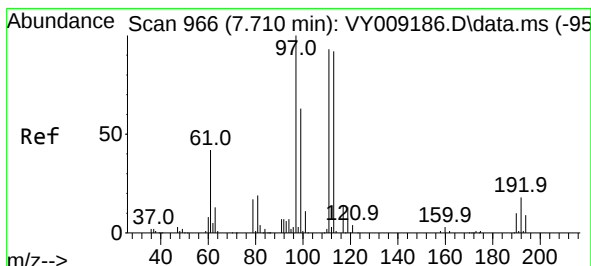
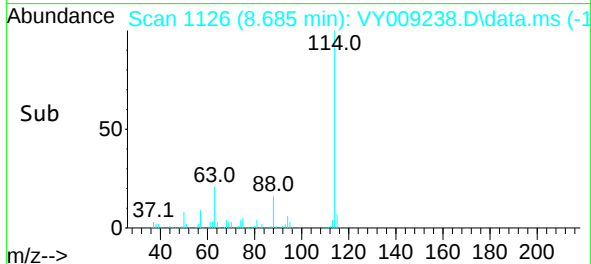
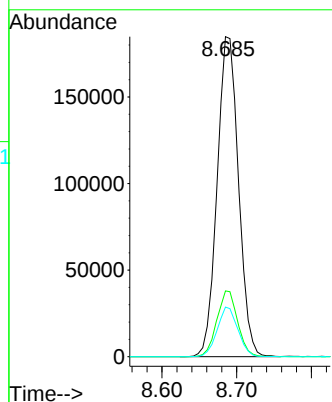
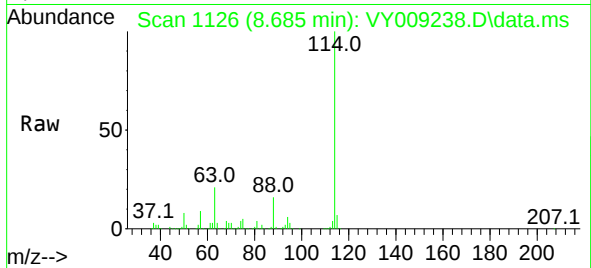




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. -0.000 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

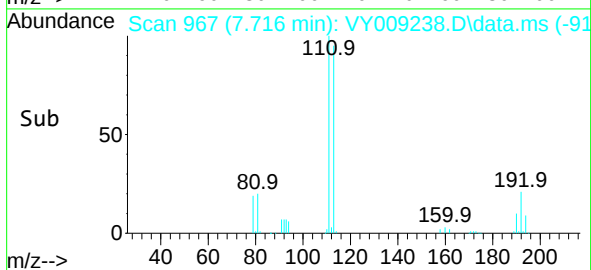
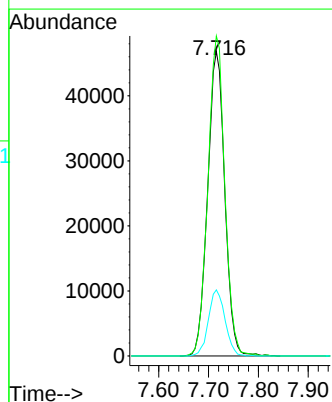
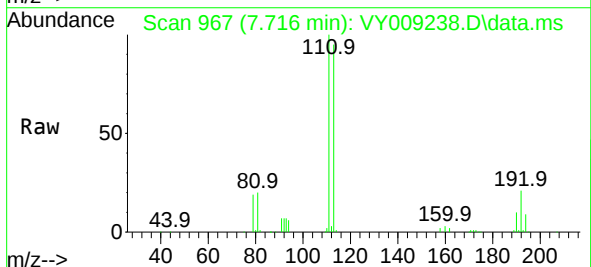
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

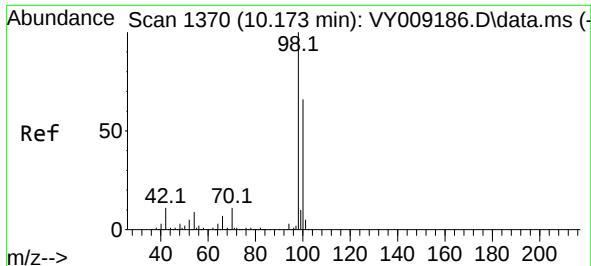
Tgt Ion:114 Resp: 367637
Ion Ratio Lower Upper
114 100
63 20.5 0.0 43.2
88 15.5 0.0 31.8



#35
Dibromofluoromethane
Concen: 48.517 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

Tgt Ion:113 Resp: 111829
Ion Ratio Lower Upper
113 100
111 103.6 82.6 124.0
192 21.1 17.6 26.4

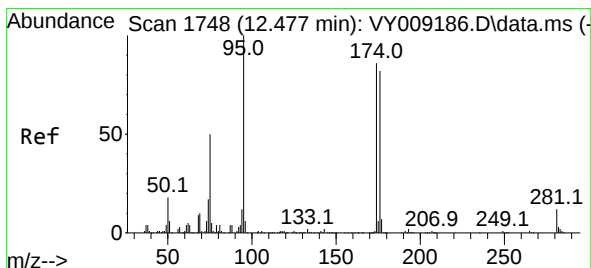
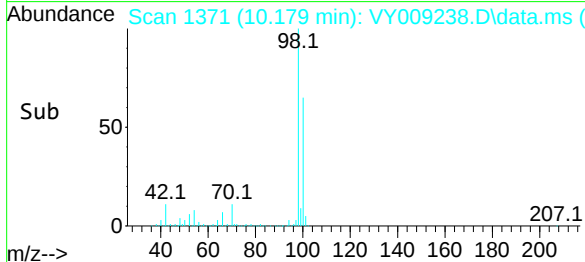
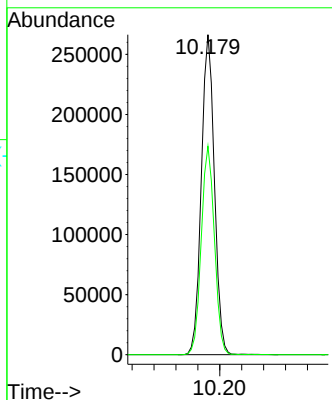
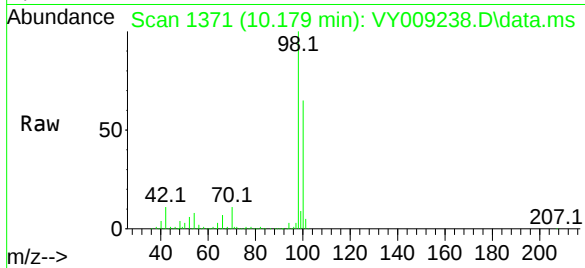




#50
Toluene-d8
Concen: 50.208 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

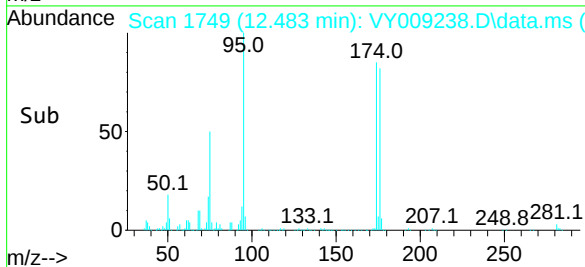
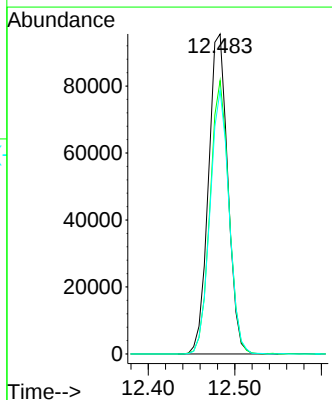
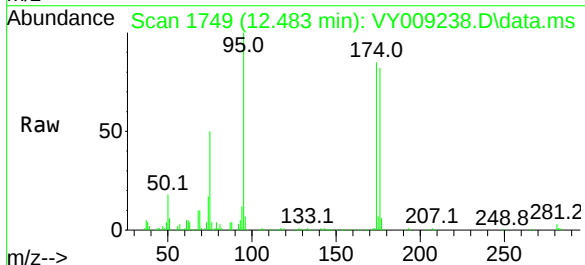
Instrument :
MSVOA_Y
ClientSampleId :
VY0620SBL01

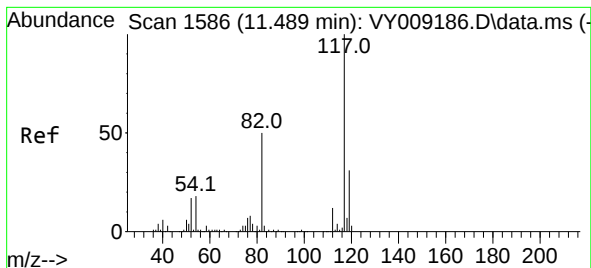
Tgt Ion: 98 Resp: 440530
Ion Ratio Lower Upper
98 100
100 65.6 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 47.522 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY009238.D
Acq: 20 Jun 2022 11:58

Tgt Ion: 95 Resp: 148171
Ion Ratio Lower Upper
95 100
174 83.3 0.0 177.0
176 81.0 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY009238.D

Acq: 20 Jun 2022 11:58

Instrument :

MSVOA_Y

ClientSampleId :

VY0620SBL01

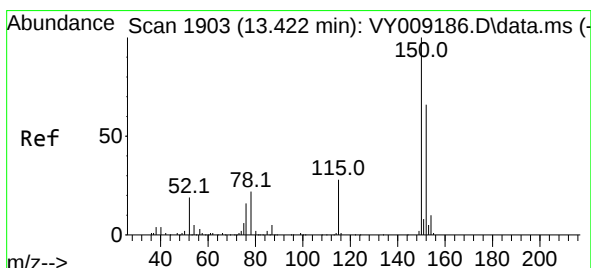
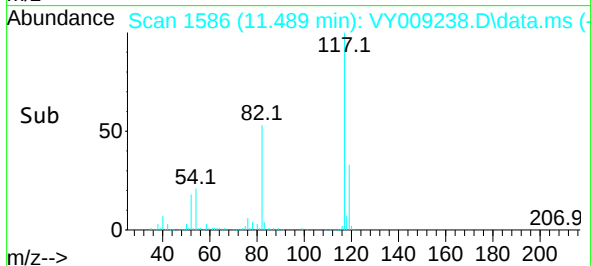
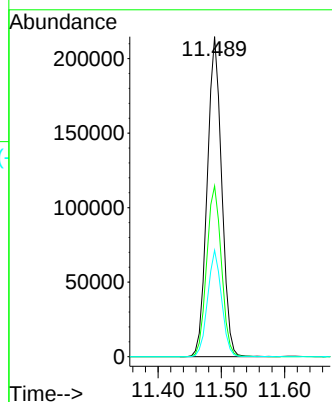
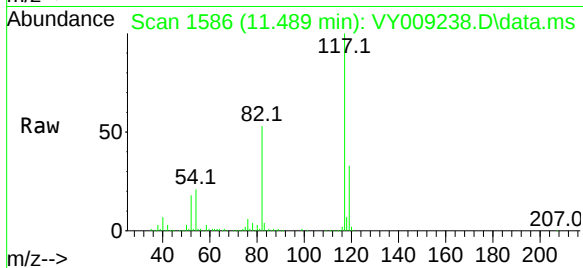
Tgt Ion:117 Resp: 341491

Ion Ratio Lower Upper

117 100

82 53.4 43.0 64.4

119 33.2 25.4 38.0



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY009238.D

Acq: 20 Jun 2022 11:58

Tgt Ion:152 Resp: 152783

Ion Ratio Lower Upper

152 100

115 57.5 28.2 84.7

150 155.3 0.0 347.6

