

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092122\
 Data File : VY010595.D
 Acq On : 21 Sep 2022 13:15
 Operator : KP/MD
 Sample : N4656-01
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 SP-1

Quant Time: Sep 21 15:35:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091922S.M
 Quant Title : SW846 8260
 QLast Update : Tue Sep 20 01:02:44 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	8817	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	13671	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	12211	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	3864	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	5226	61.969	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	123.940%
35) Dibromofluoromethane	7.716	113	2463	28.230	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	56.460%
50) Toluene-d8	10.179	98	15612	48.516	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	97.040%
62) 4-Bromofluorobenzene	12.483	95	4254	34.722	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	69.440%

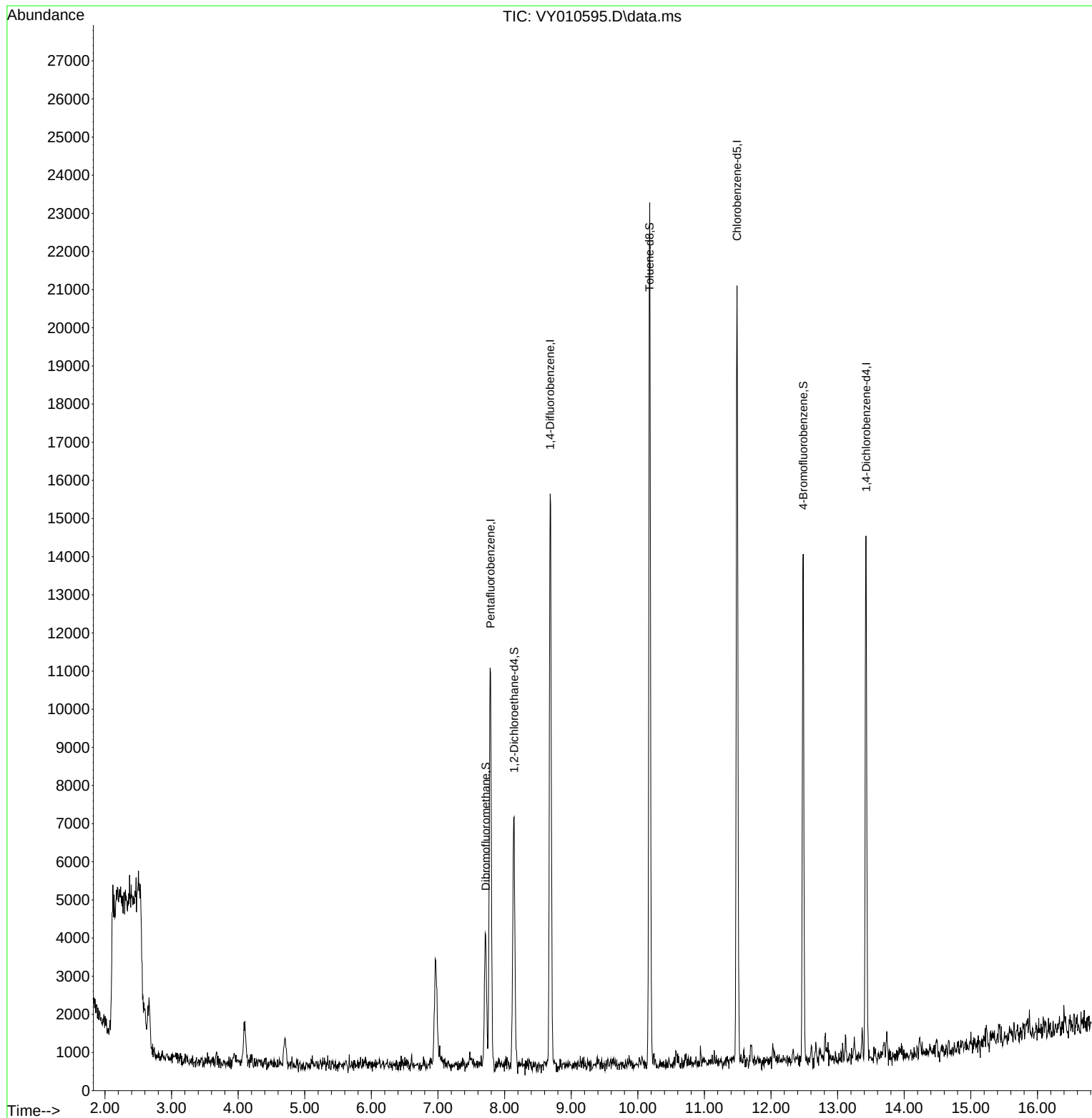
Target Compounds	Qvalue

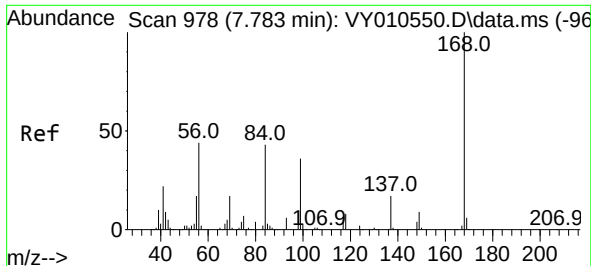
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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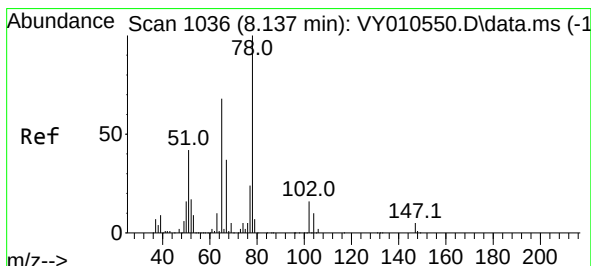
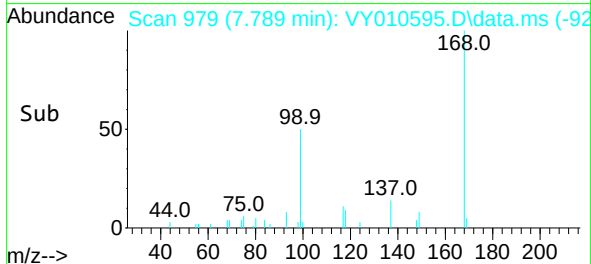
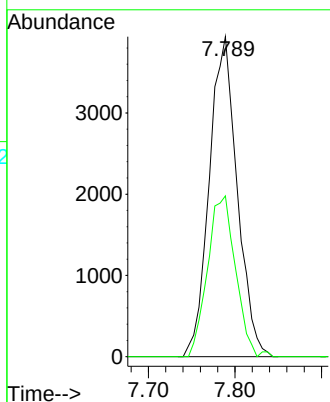
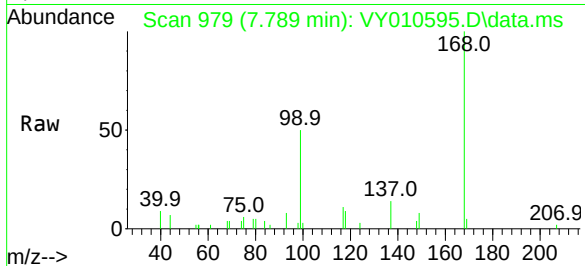




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.006 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

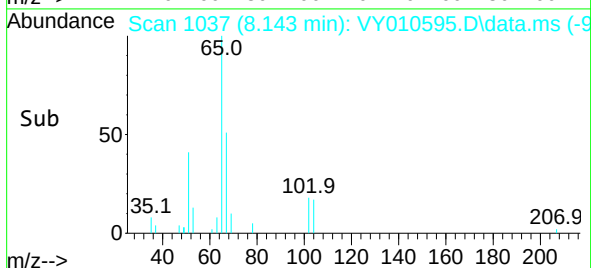
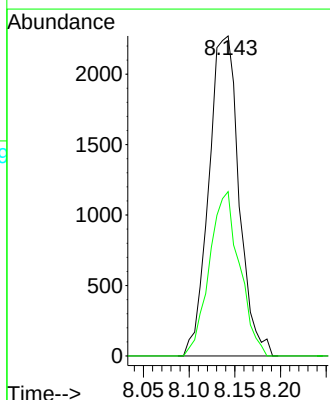
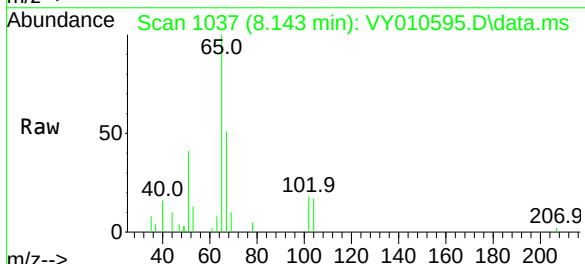
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

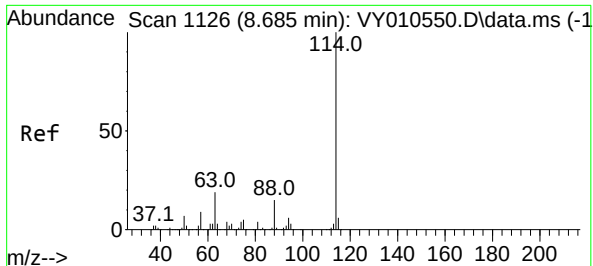
Tgt Ion:168 Resp: 8817
Ion Ratio Lower Upper
168 100
99 50.3 46.9 70.3



#33
1,2-Dichloroethane-d4
Concen: 61.969 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.006 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

Tgt Ion: 65 Resp: 5226
Ion Ratio Lower Upper
65 100
67 51.4 0.0 99.4

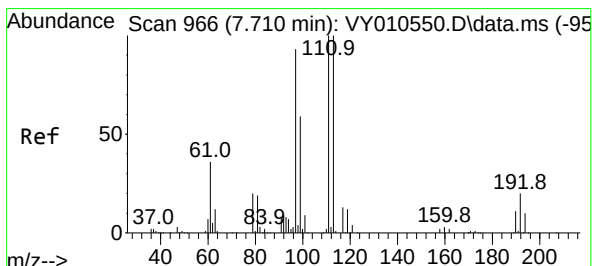
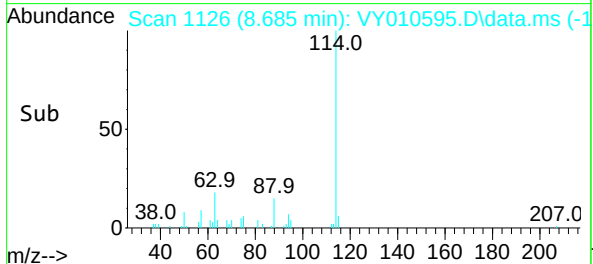
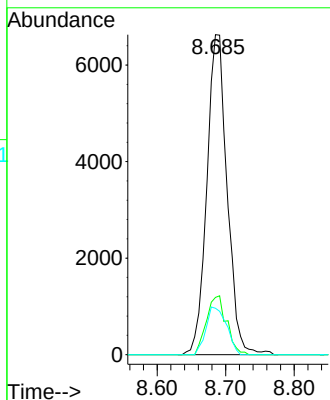
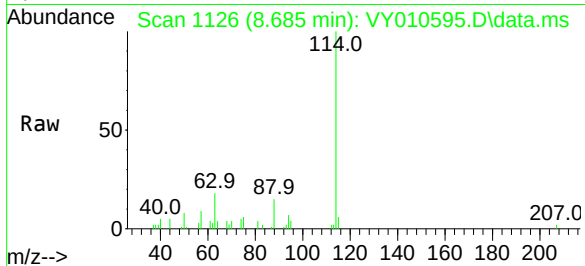




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.685 min Scan# 1126
Delta R.T. 0.000 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

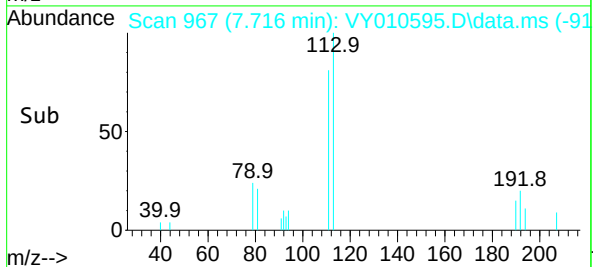
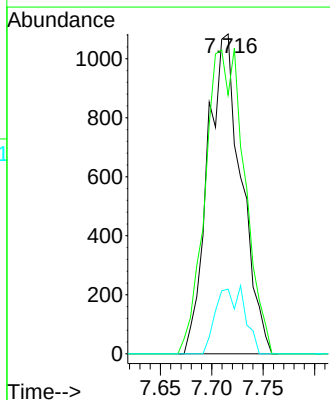
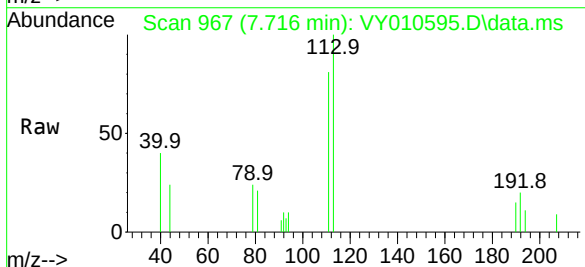
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

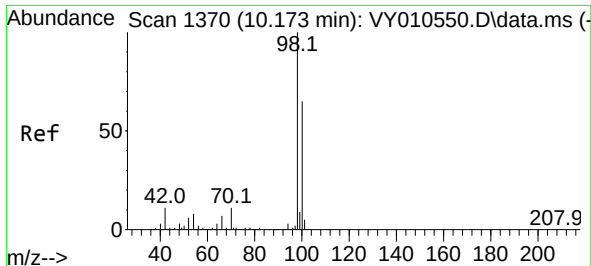
Tgt Ion:	114	Resp:	13671
Ion	Ratio	Lower	Upper
114	100		
63	17.9	0.0	43.2
88	14.5	0.0	31.8



#35
Dibromofluoromethane
Concen: 28.230 ug/l
RT: 7.716 min Scan# 967
Delta R.T. 0.006 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

Tgt Ion:	113	Resp:	2463
Ion	Ratio	Lower	Upper
113	100		
111	111.0	82.6	124.0
192	17.7	17.6	26.4

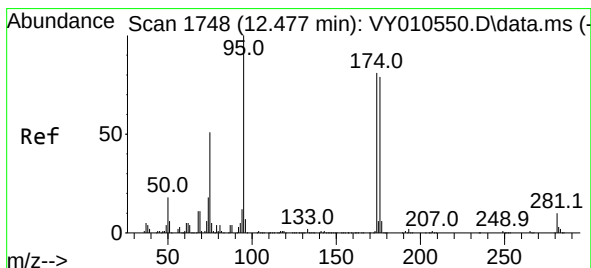
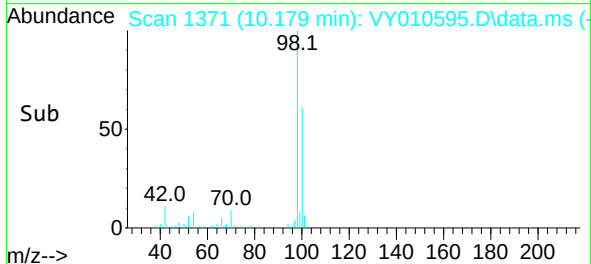
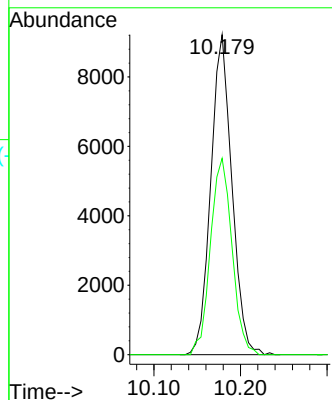
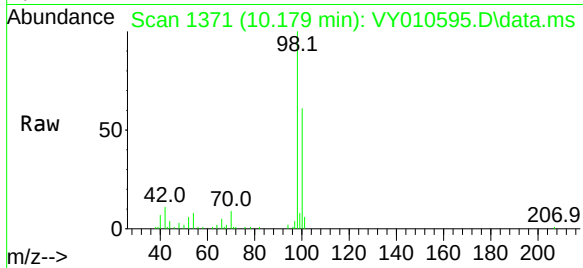




#50
Toluene-d8
Concen: 48.516 ug/l
RT: 10.179 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

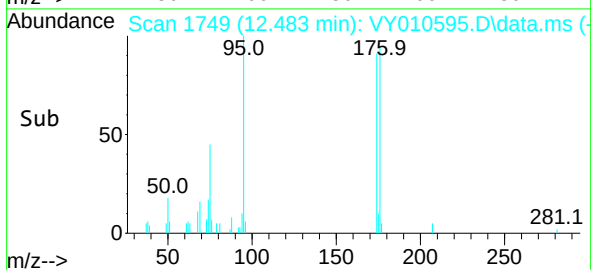
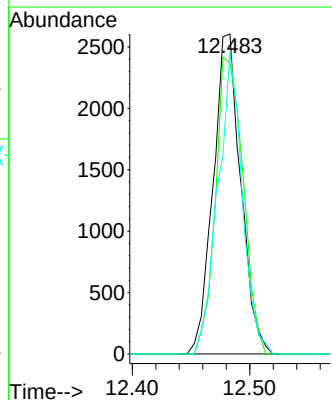
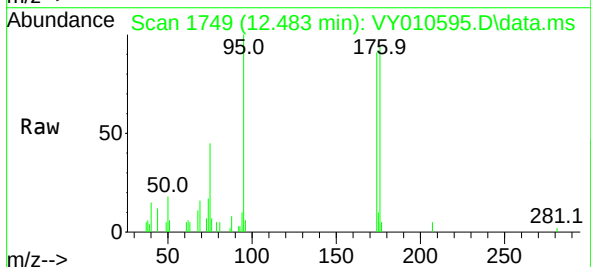
Instrument :
MSVOA_Y
ClientSampleId :
SP-1

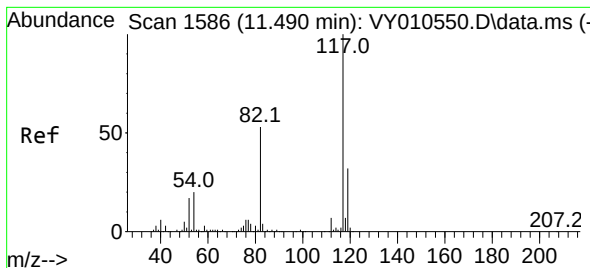
Tgt Ion: 98 Resp: 15612
Ion Ratio Lower Upper
98 100
100 62.7 50.2 75.2



#62
4-Bromofluorobenzene
Concen: 34.722 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.006 min
Lab File: VY010595.D
Acq: 21 Sep 2022 13:15

Tgt Ion: 95 Resp: 4254
Ion Ratio Lower Upper
95 100
174 92.5 0.0 177.0
176 83.7 0.0 175.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY010595.D

Acq: 21 Sep 2022 13:15

Instrument :

MSVOA_Y

ClientSampleId :

SP-1

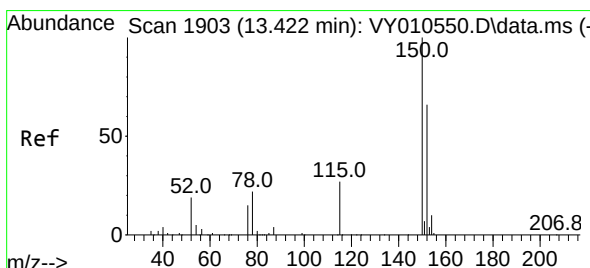
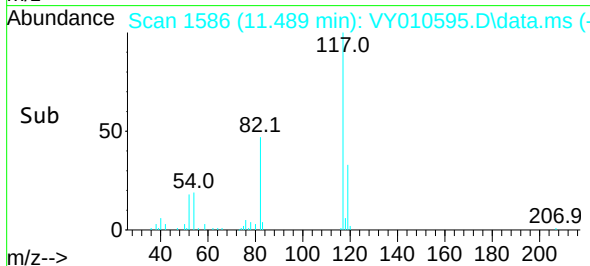
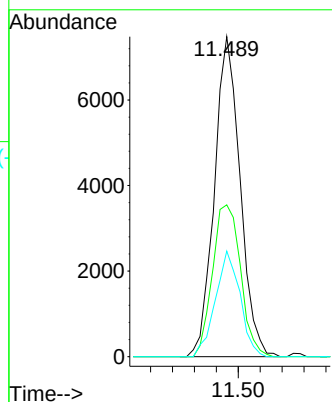
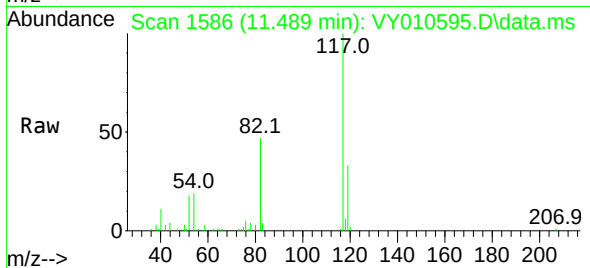
Tgt Ion:117 Resp: 12211

Ion Ratio Lower Upper

117 100

82 47.5 43.0 64.4

119 33.0 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: VY010595.D

Acq: 21 Sep 2022 13:15

Tgt Ion:152 Resp: 3864

Ion Ratio Lower Upper

152 100

115 59.0 28.2 84.7

150 161.3 0.0 347.6

