

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012023\
 Data File : VY012285.D
 Acq On : 20 Jan 2023 13:05
 Operator : KP/MD
 Sample : 01190-05RE
 Misc : 5.04g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-4RE

Quant Time: Jan 23 02:18:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	219889	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	372339	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	382037	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	191059	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	124189	69.685	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	139.380%
35) Dibromofluoromethane	7.716	113	110580	56.088	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	112.180%
50) Toluene-d8	10.179	98	455466	68.258	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	136.520%
62) 4-Bromofluorobenzene	12.483	95	173816	62.540	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	125.080%

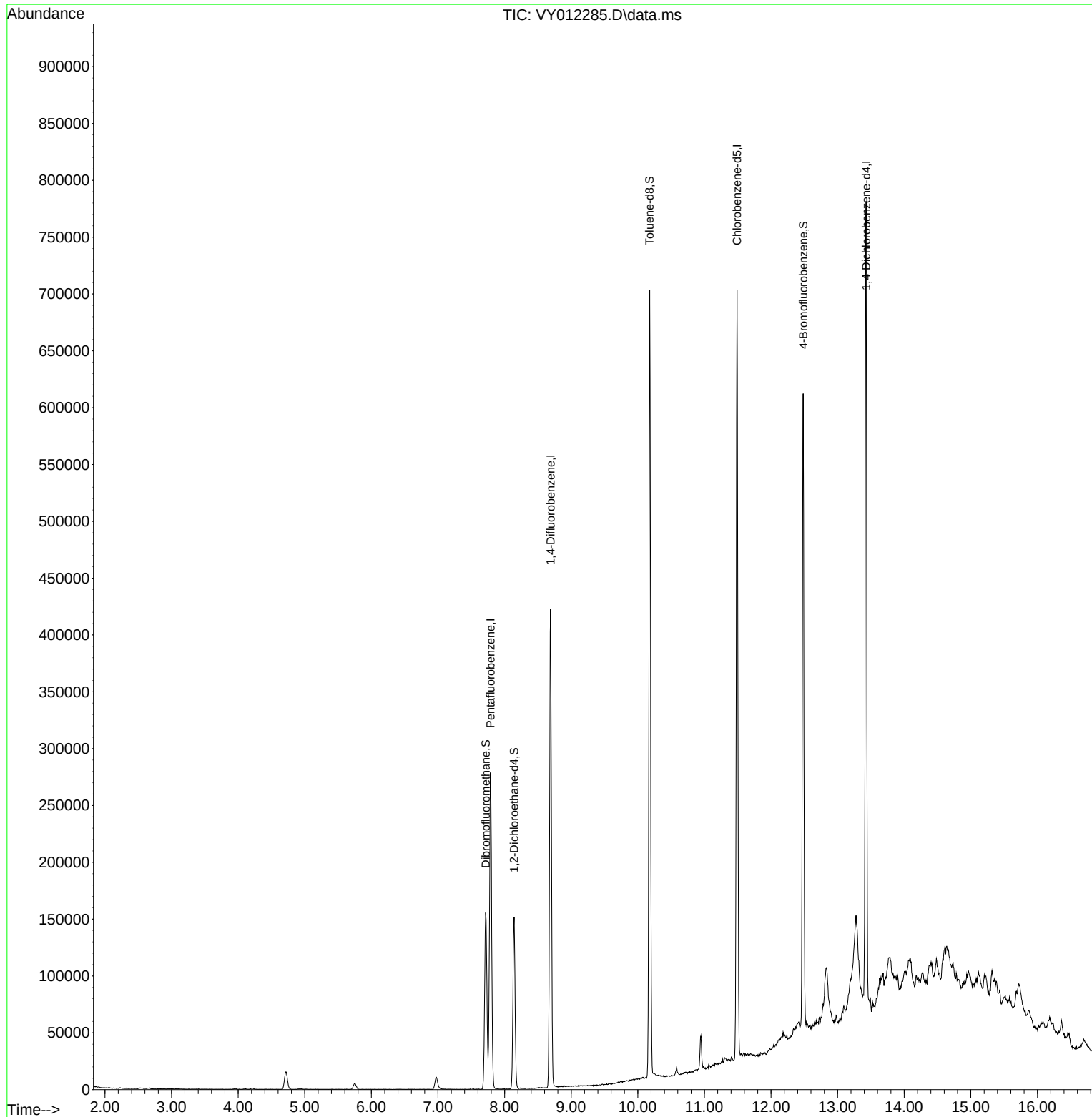
Target Compounds	Qvalue

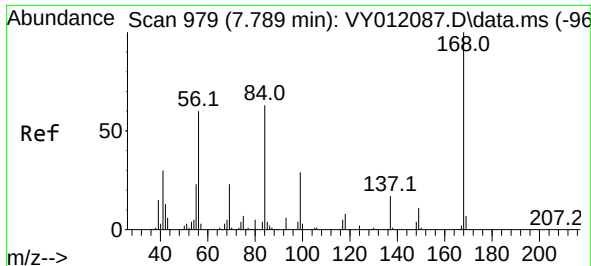
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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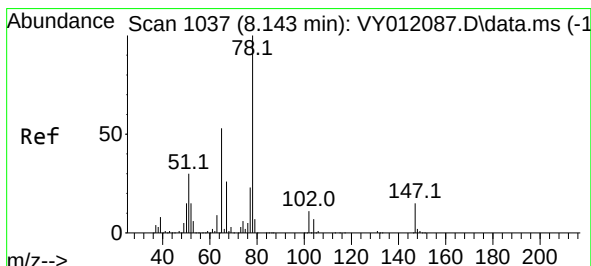
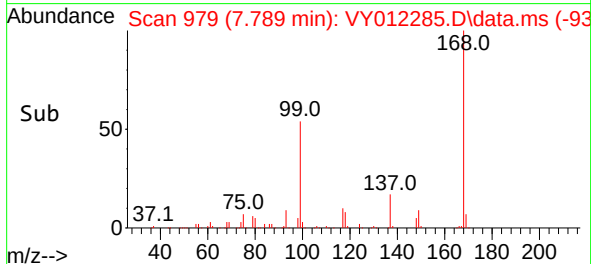
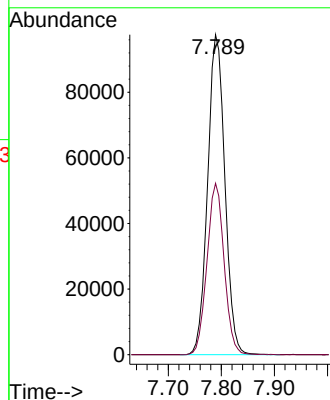
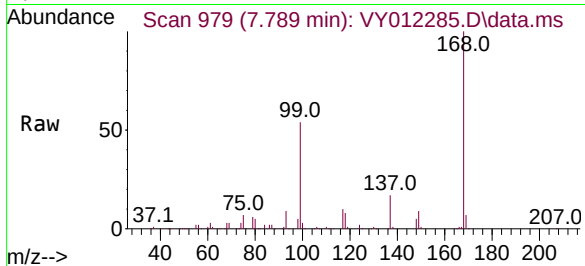




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.000 min
Lab File: VY012285.D
Acq: 20 Jan 2023 13:05

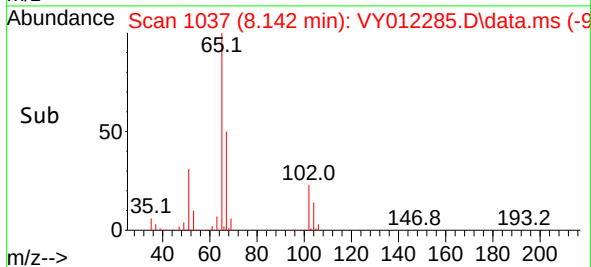
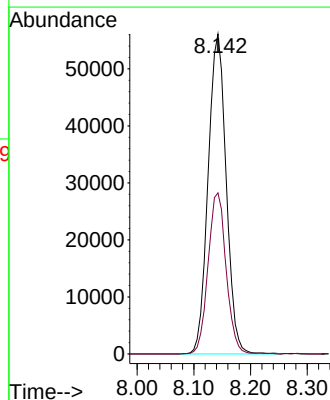
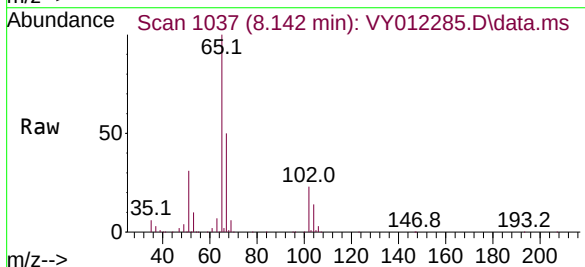
Instrument :
MSVOA_Y
ClientSampleId :
PE-4RE

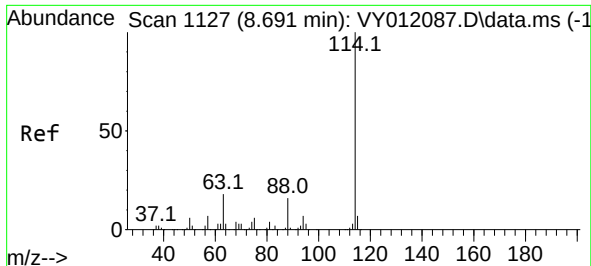
Tgt Ion:168 Resp: 219889
Ion Ratio Lower Upper
168 100
99 53.6 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 69.685 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. -0.001 min
Lab File: VY012285.D
Acq: 20 Jan 2023 13:05

Tgt Ion: 65 Resp: 124189
Ion Ratio Lower Upper
65 100
67 50.5 0.0 103.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY012285.D

Acq: 20 Jan 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

PE-4RE

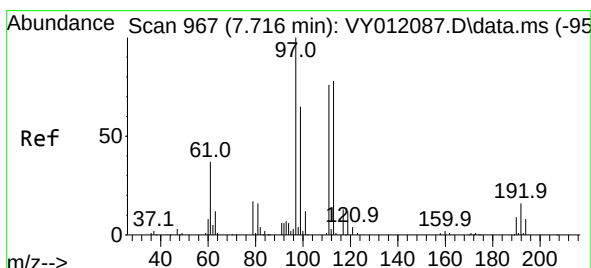
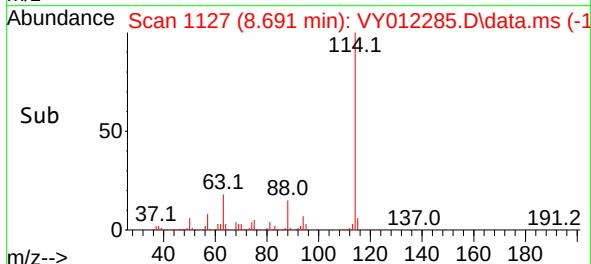
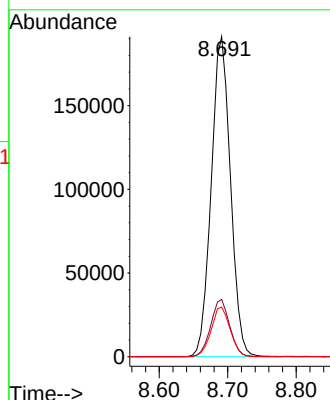
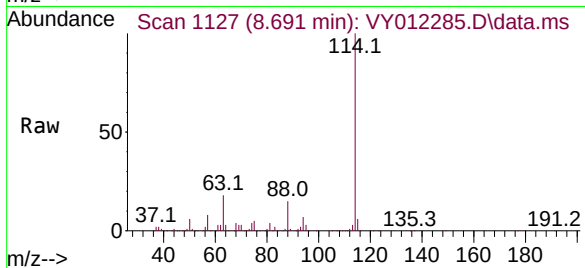
Tgt Ion:114 Resp: 372339

Ion Ratio Lower Upper

114 100

63 17.9 0.0 39.6

88 15.5 0.0 32.2



#35

Dibromofluoromethane

Concen: 56.088 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012285.D

Acq: 20 Jan 2023 13:05

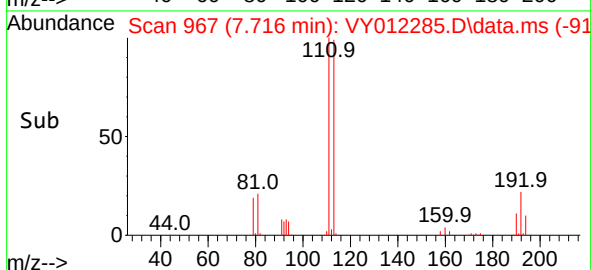
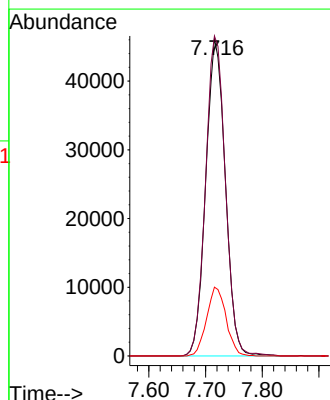
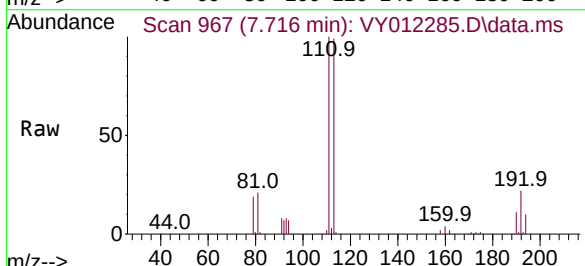
Tgt Ion:113 Resp: 110580

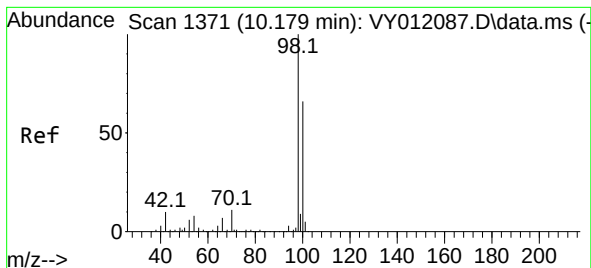
Ion Ratio Lower Upper

113 100

111 102.4 83.0 124.4

192 21.6 16.0 24.0

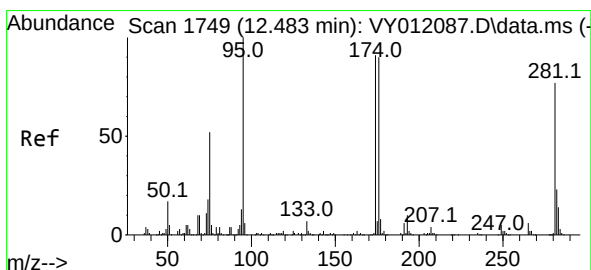
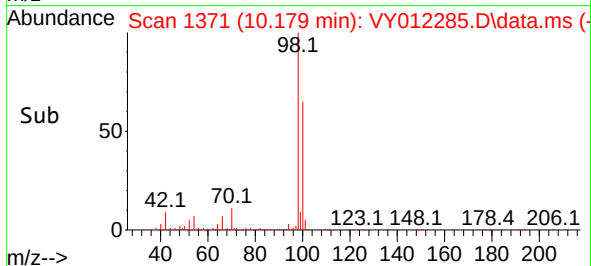
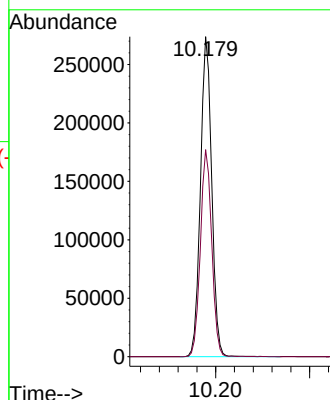
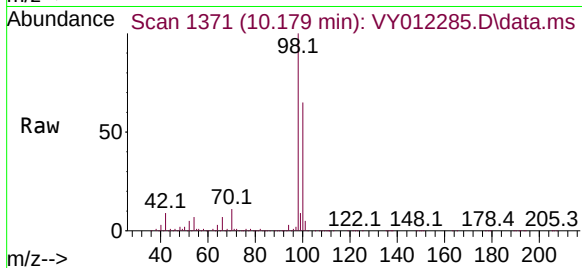




#50
Toluene-d8
Concen: 68.258 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012285.D
Acq: 20 Jan 2023 13:05

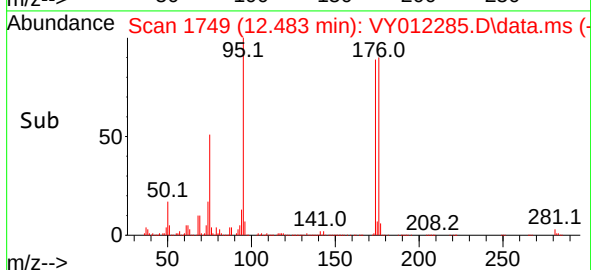
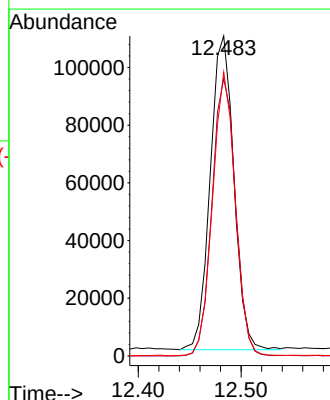
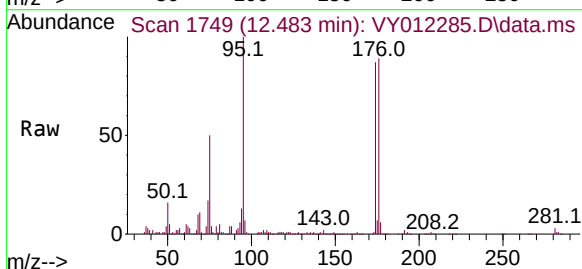
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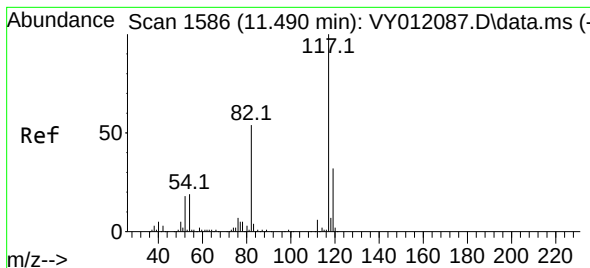
Tgt Ion: 98 Resp: 455466
Ion Ratio Lower Upper
98 100
100 65.1 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 62.540 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012285.D
Acq: 20 Jan 2023 13:05

Tgt Ion: 95 Resp: 173816
Ion Ratio Lower Upper
95 100
174 88.1 0.0 172.0
176 86.4 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.001 min

Lab File: VY012285.D

Acq: 20 Jan 2023 13:05

Instrument :

MSVOA_Y

ClientSampleId :

PE-4RE

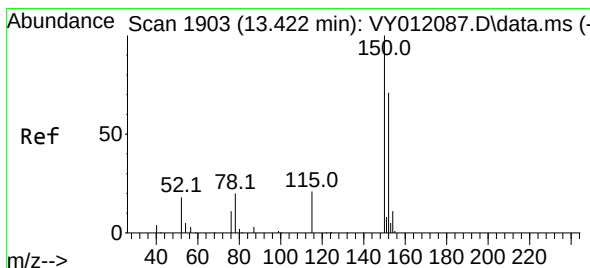
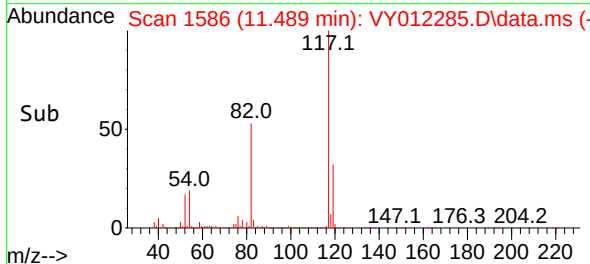
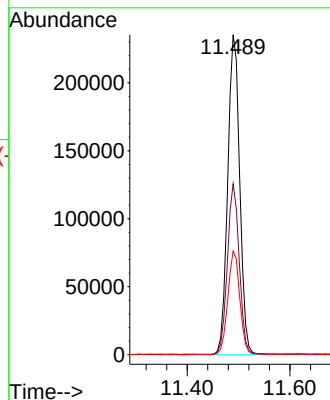
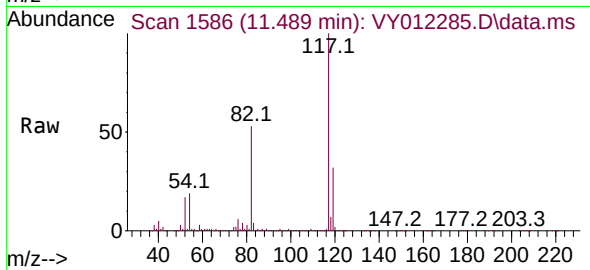
Tgt Ion:117 Resp: 382037

Ion Ratio Lower Upper

117 100

82 53.3 44.8 67.2

119 32.3 25.4 38.2



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.006 min

Lab File: VY012285.D

Acq: 20 Jan 2023 13:05

Tgt Ion:152 Resp: 191059

Ion Ratio Lower Upper

152 100

115 56.6 29.1 87.3

150 156.6 0.0 342.6

