

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012270.D
 Acq On : 19 Jan 2023 16:57
 Operator : KP/MD
 Sample : 01190-10
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 PE-9

Quant Time: Jan 20 03:25:04 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	18242	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	27651	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	25761	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	11062	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	10962	74.418	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	148.840%
35) Dibromofluoromethane	7.716	113	8817	60.220	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	120.440%
50) Toluene-d8	10.179	98	31667	63.602	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	127.200%
62) 4-Bromofluorobenzene	12.483	95	9555	46.294	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	92.580%

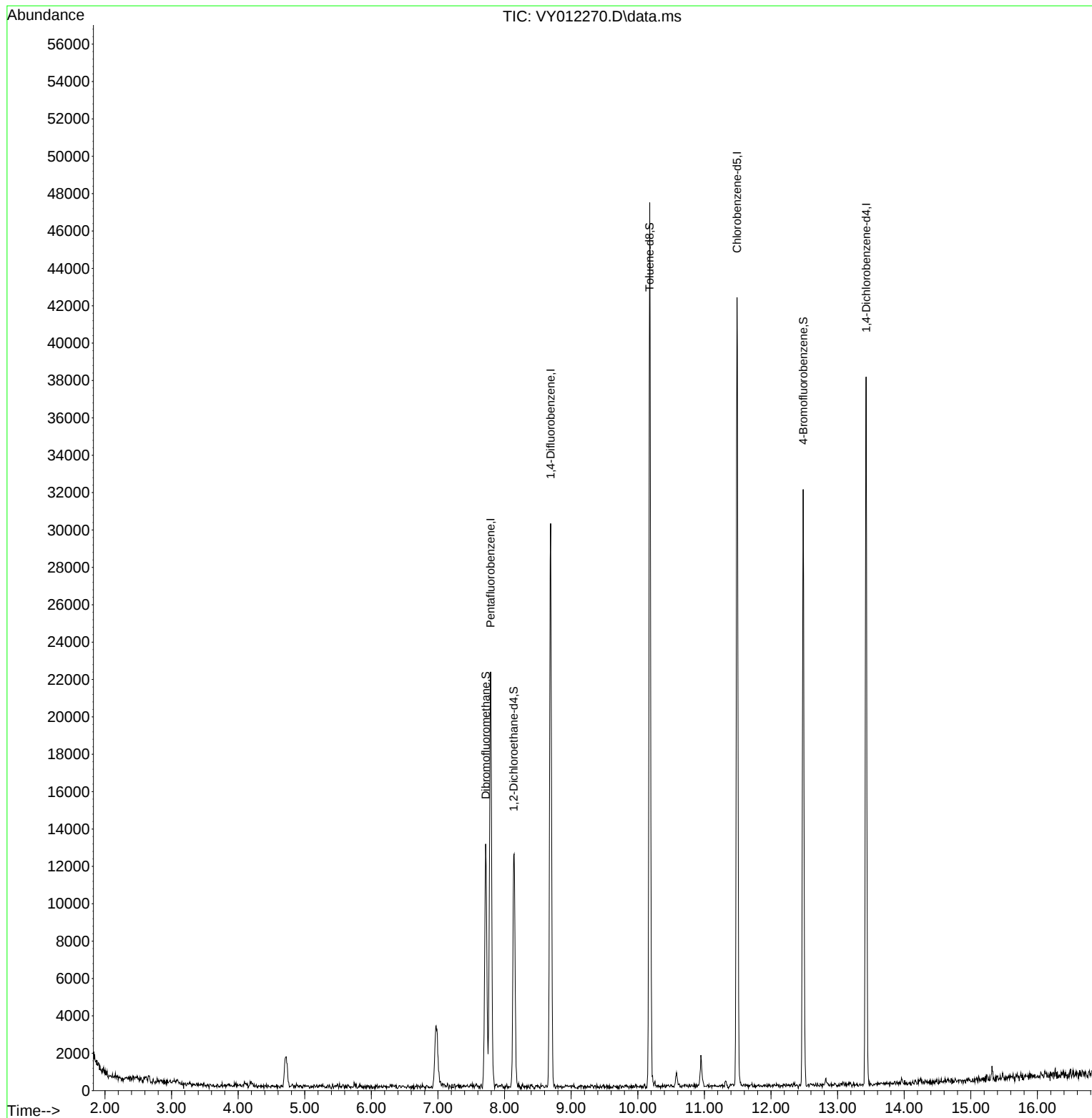
Target Compounds	Qvalue

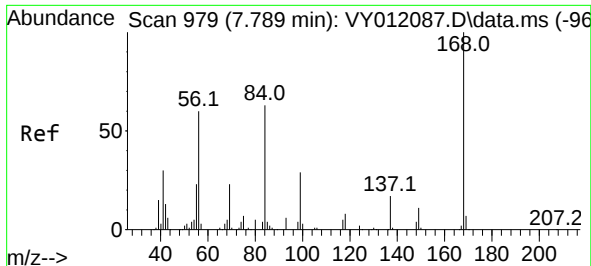
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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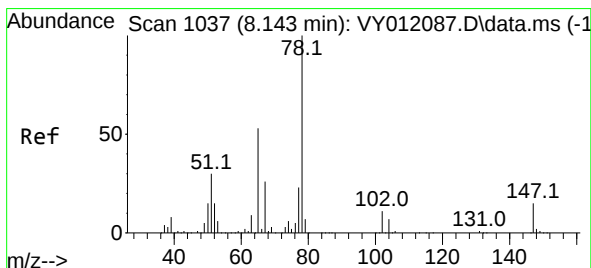
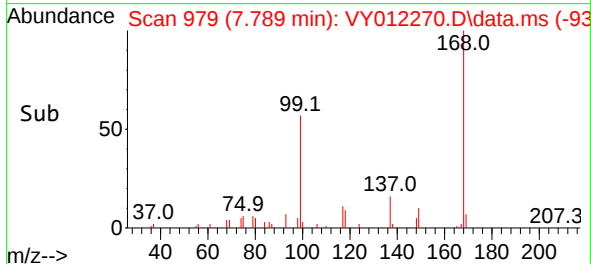
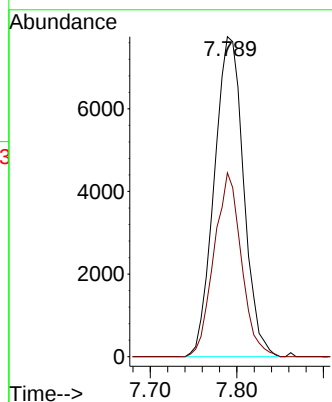
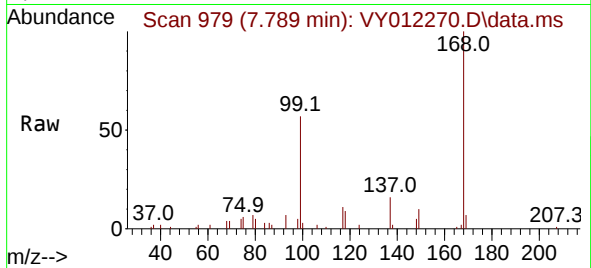




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. 0.000 min
Lab File: VY012270.D
Acq: 19 Jan 2023 16:57

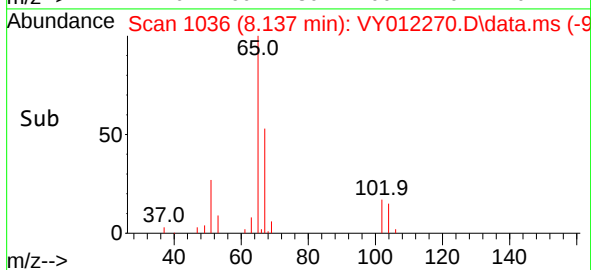
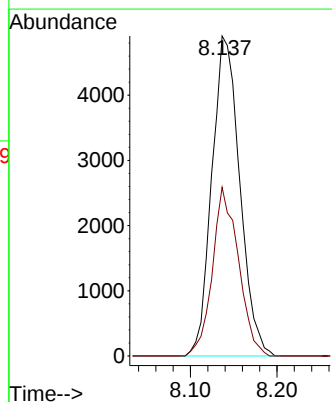
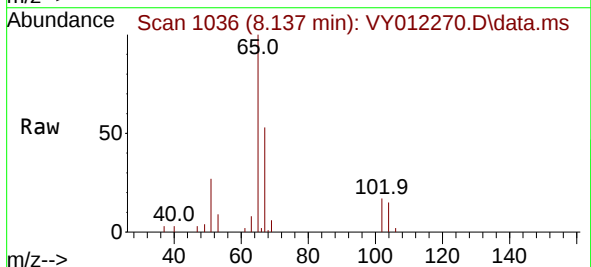
Instrument :
MSVOA_Y
ClientSampleId :
PE-9

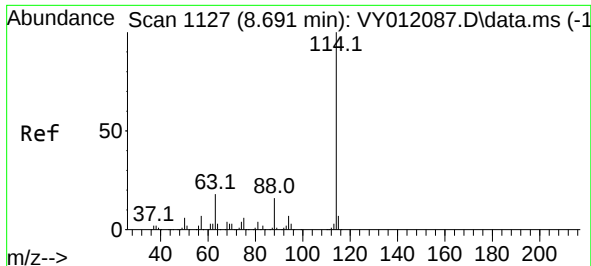
Tgt Ion:168 Resp: 18242
Ion Ratio Lower Upper
168 100
99 57.4 44.0 66.0



#33
1,2-Dichloroethane-d4
Concen: 74.418 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY012270.D
Acq: 19 Jan 2023 16:57

Tgt Ion: 65 Resp: 10962
Ion Ratio Lower Upper
65 100
67 49.2 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: VY012270.D

Acq: 19 Jan 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

PE-9

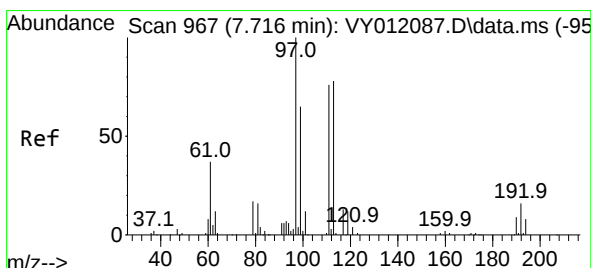
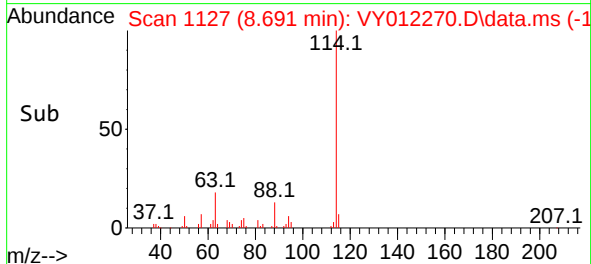
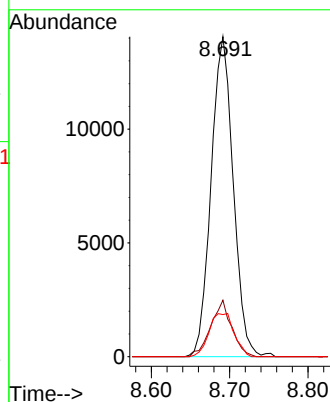
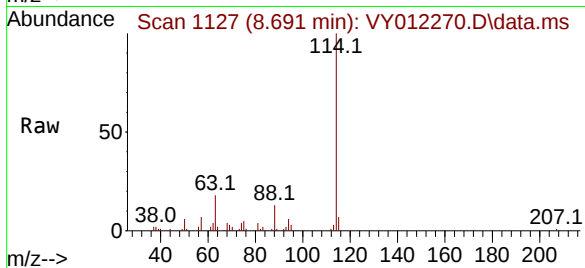
Tgt Ion:114 Resp: 27651

Ion Ratio Lower Upper

114 100

63 17.6 0.0 39.6

88 13.2 0.0 32.2



#35

Dibromofluoromethane

Concen: 60.220 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.000 min

Lab File: VY012270.D

Acq: 19 Jan 2023 16:57

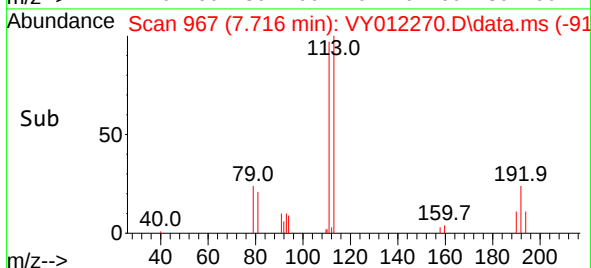
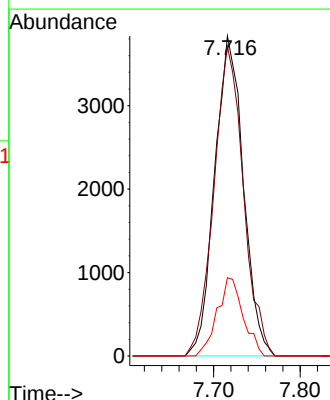
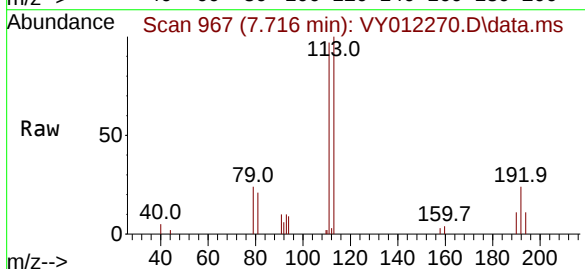
Tgt Ion:113 Resp: 8817

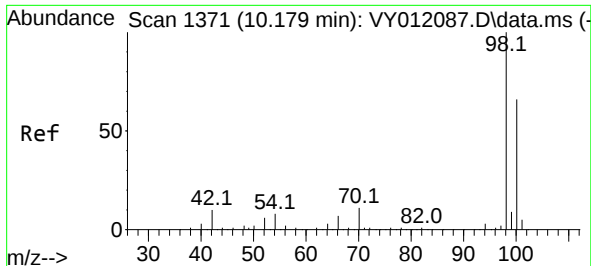
Ion Ratio Lower Upper

113 100

111 99.5 83.0 124.4

192 22.1 16.0 24.0

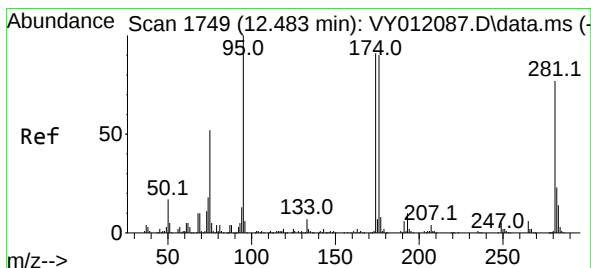
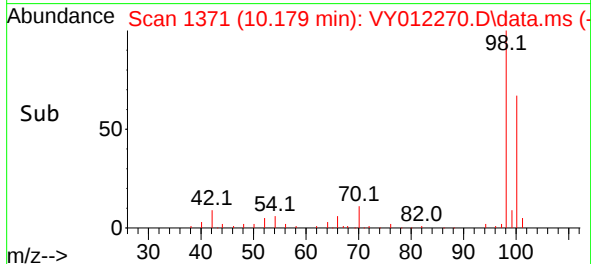
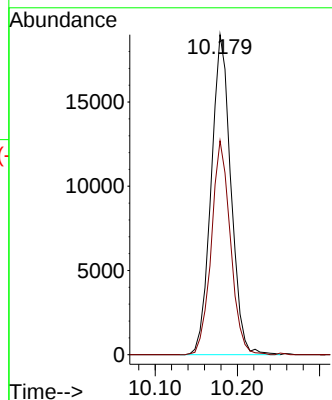
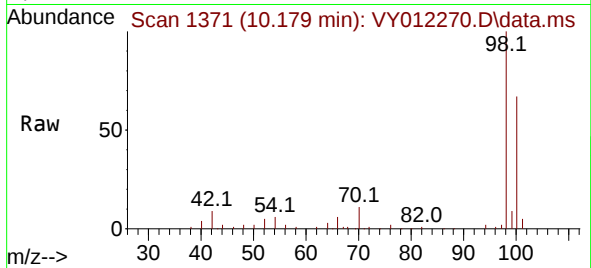




#50
Toluene-d8
Concen: 63.602 ug/l
RT: 10.179 min Scan# 1371
Delta R.T. -0.000 min
Lab File: VY012270.D
Acq: 19 Jan 2023 16:57

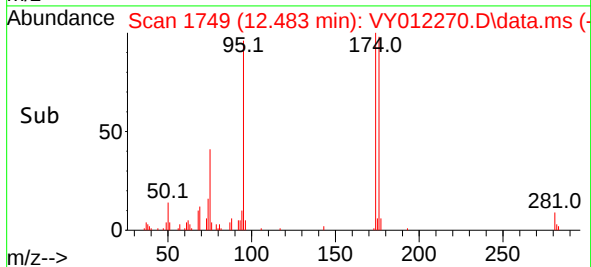
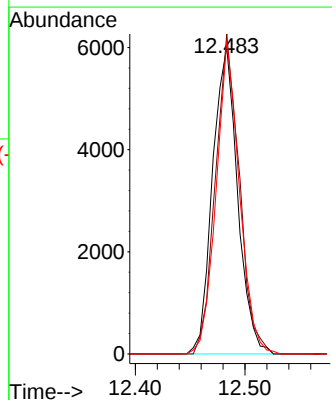
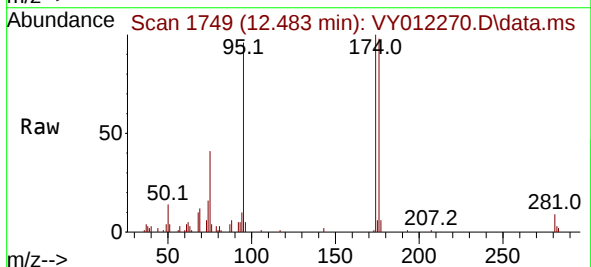
Instrument :
MSVOA_Y
ClientSampleId :
PE-9

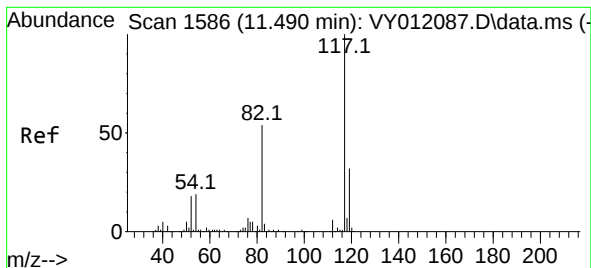
Tgt Ion: 98 Resp: 31667
Ion Ratio Lower Upper
98 100
100 64.7 51.9 77.9



#62
4-Bromofluorobenzene
Concen: 46.294 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY012270.D
Acq: 19 Jan 2023 16:57

Tgt Ion: 95 Resp: 9555
Ion Ratio Lower Upper
95 100
174 98.8 0.0 172.0
176 94.7 0.0 167.6





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 11

Delta R.T. -0.000 min

Lab File: VY012270.D

Acq: 19 Jan 2023 16:57

Instrument :

MSVOA_Y

ClientSampleId :

PE-9

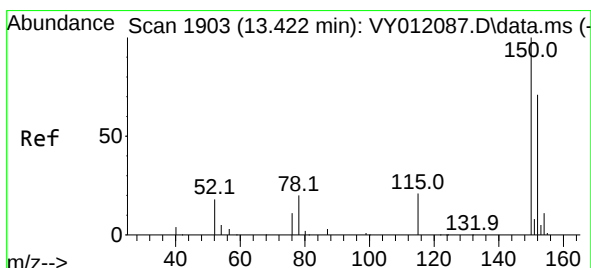
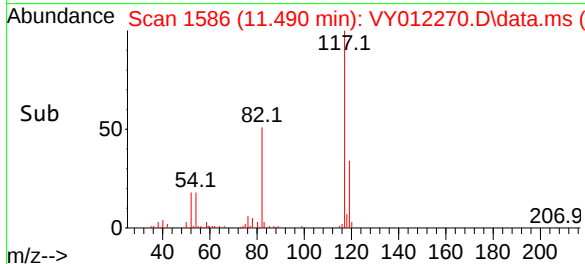
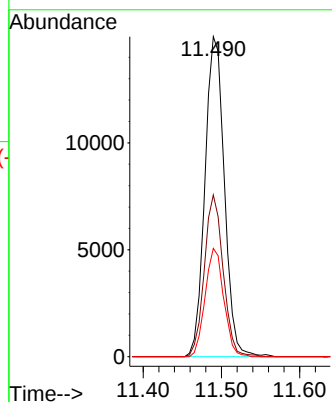
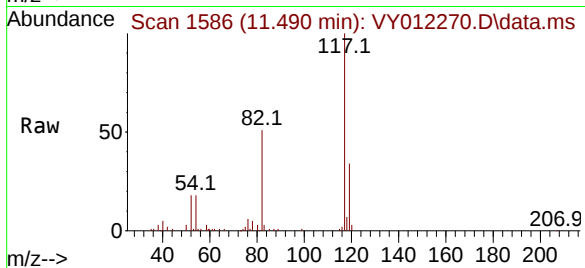
Tgt Ion:117 Resp: 25761

Ion Ratio Lower Upper

117 100

82 50.6 44.8 67.2

119 33.8 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: VY012270.D

Acq: 19 Jan 2023 16:57

Tgt Ion:152 Resp: 11062

Ion Ratio Lower Upper

152 100

115 55.7 29.1 87.3

150 153.1 0.0 342.6

