

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014363.D
 Acq On : 22 Jun 2023 05:44
 Operator : KP/MD
 Sample : 03330-12
 Misc : 5.82g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TOTAL-VOC-MC01-GRAB-7

Quant Time: Jun 22 07:31:01 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	13265	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.703	114	18211	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.502	117	15362	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	4886	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	8950	48.452	ug/l	0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.900%
35) Dibromofluoromethane	7.734	113	5696	44.104	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	88.200%
50) Toluene-d8	10.191	98	20293	42.029	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	84.060%
62) 4-Bromofluorobenzene	12.489	95	5126	29.886	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	59.780%

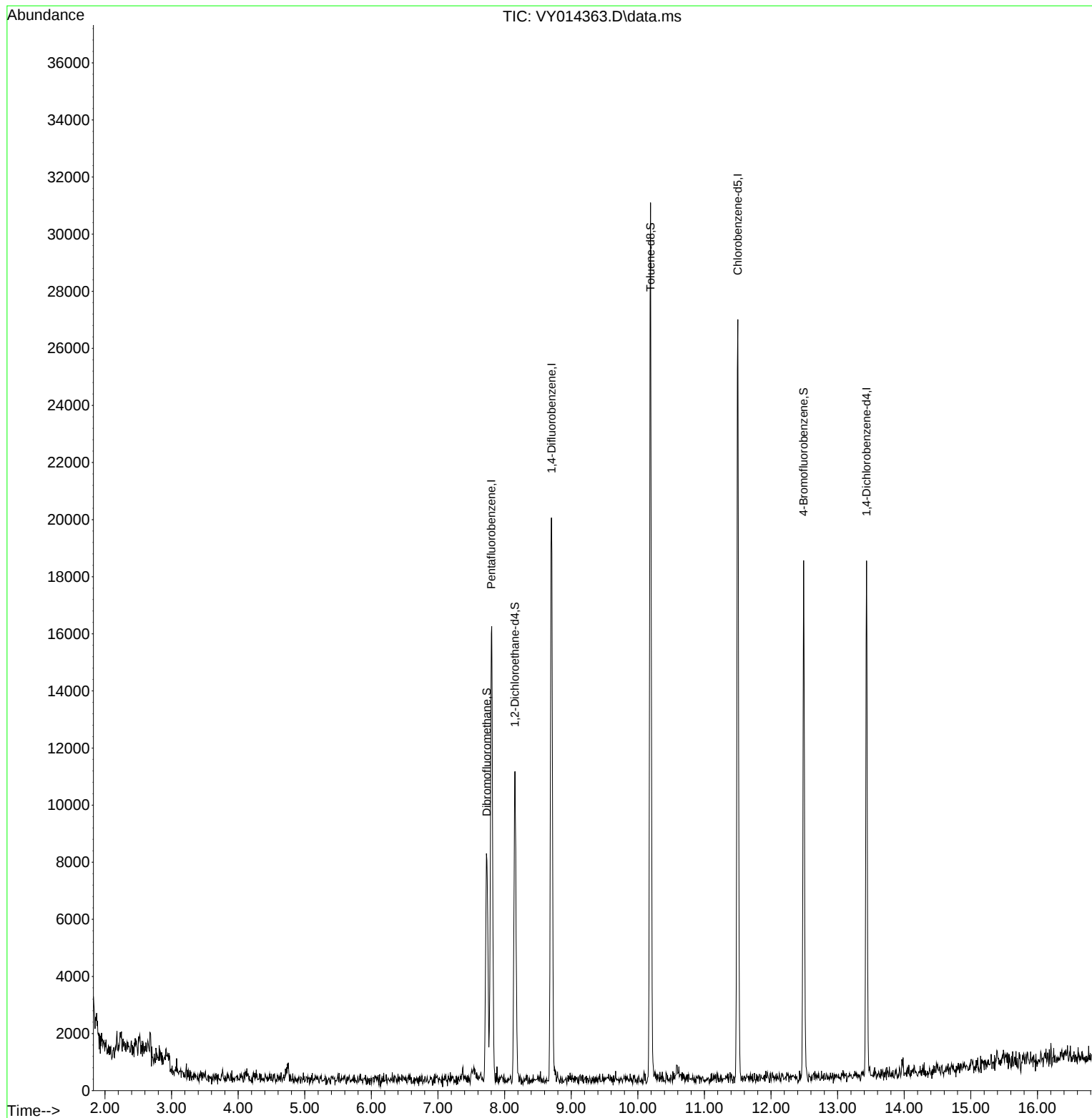
Target Compounds	Qvalue

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

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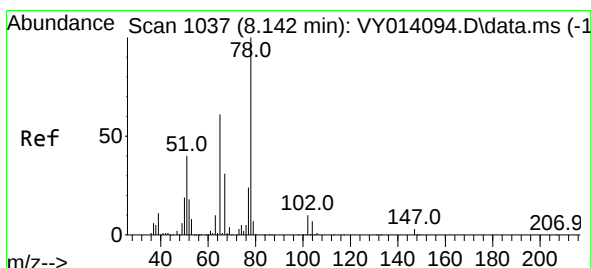
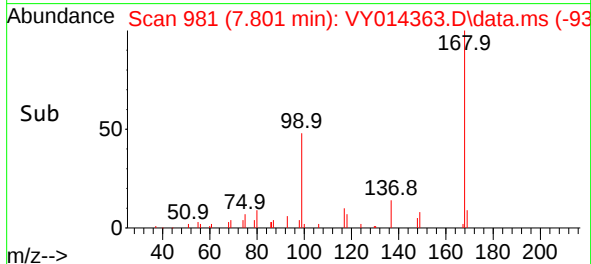
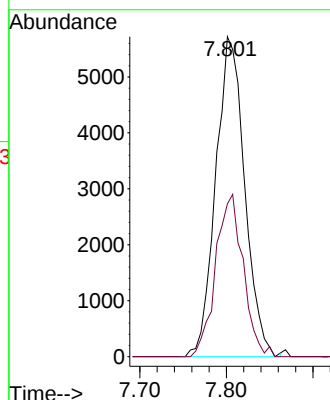
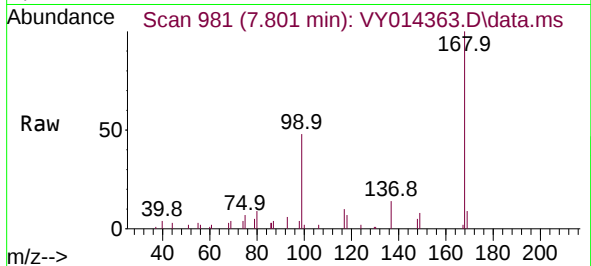




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.801 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY014363.D
Acq: 22 Jun 2023 05:44

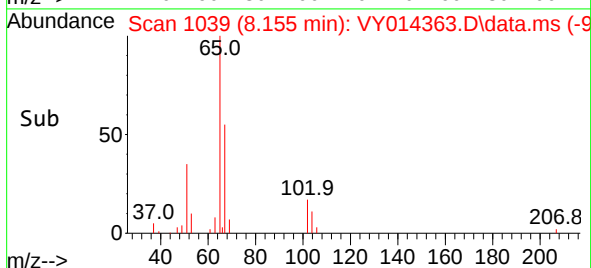
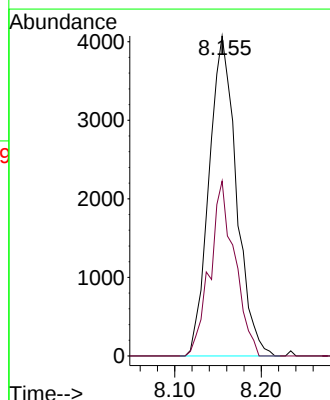
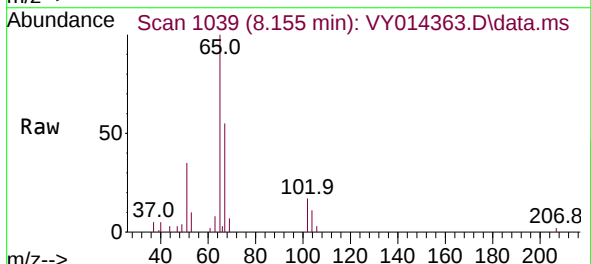
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-7

Tgt Ion:168 Resp: 13265
Ion Ratio Lower Upper
168 100
99 47.8 43.4 65.0



#33
1,2-Dichloroethane-d4
Concen: 48.452 ug/l
RT: 8.155 min Scan# 1039
Delta R.T. 0.013 min
Lab File: VY014363.D
Acq: 22 Jun 2023 05:44

Tgt Ion: 65 Resp: 8950
Ion Ratio Lower Upper
65 100
67 49.5 0.0 101.8

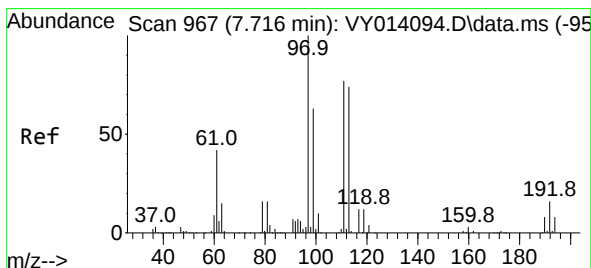
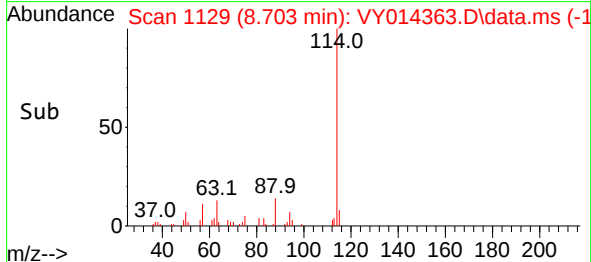
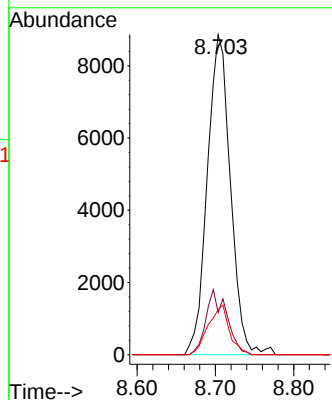
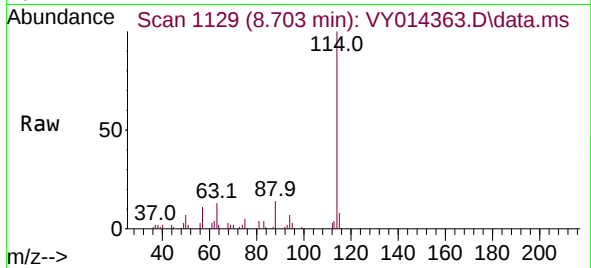




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.703 min Scan# 1127
Delta R.T. 0.012 min
Lab File: VY014363.D
Acq: 22 Jun 2023 05:44

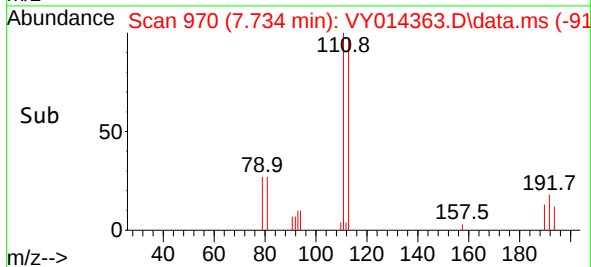
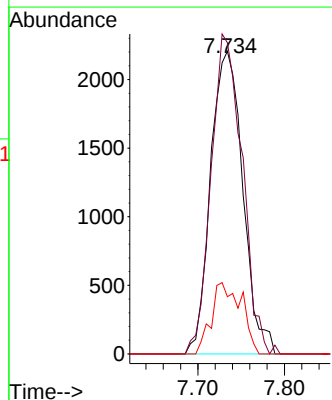
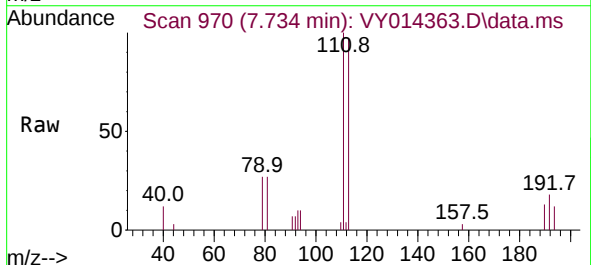
Instrument :
MSVOA_Y
ClientSampleId :
TOTAL-VOC-MC01-GRAB-7

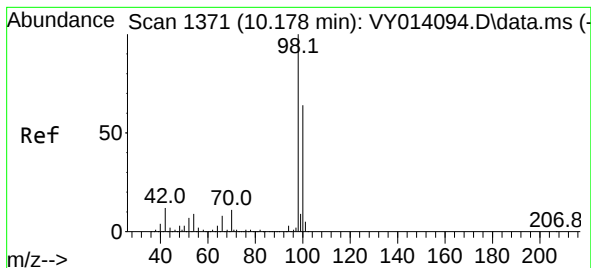
Tgt Ion:114 Resp: 18211
Ion Ratio Lower Upper
114 100
63 13.2 0.0 42.4
88 14.1 0.0 30.6



#35
Dibromofluoromethane
Concen: 44.104 ug/l
RT: 7.734 min Scan# 970
Delta R.T. 0.018 min
Lab File: VY014363.D
Acq: 22 Jun 2023 05:44

Tgt Ion:113 Resp: 5696
Ion Ratio Lower Upper
113 100
111 102.1 81.3 121.9
192 22.0 16.9 25.3





#50

Toluene-d8

Concen: 42.029 ug/l

RT: 10.191 min Scan# 1

Delta R.T. 0.013 min

Lab File: VY014363.D

Acq: 22 Jun 2023 05:44

Instrument :

MSVOA_Y

ClientSampleId :

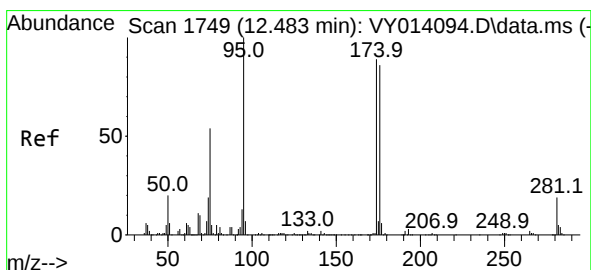
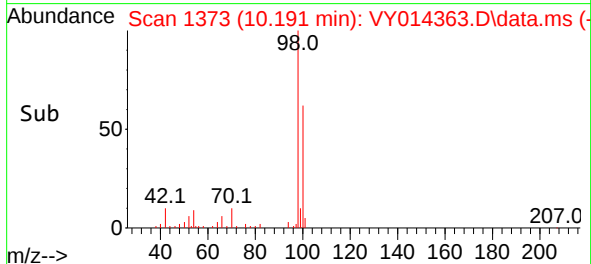
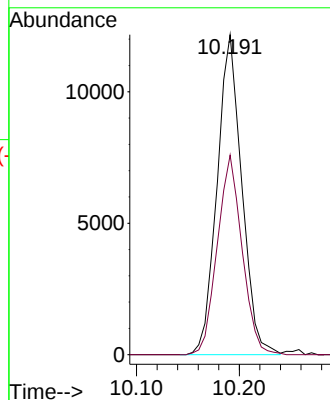
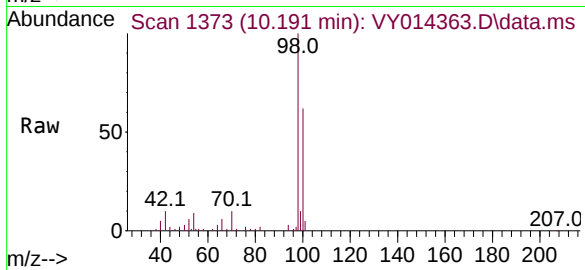
TOTAL-VOC-MC01-GRAB-7

Tgt Ion: 98 Resp: 20293

Ion Ratio Lower Upper

98 100

100 62.5 50.1 75.1



#62

4-Bromofluorobenzene

Concen: 29.886 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.006 min

Lab File: VY014363.D

Acq: 22 Jun 2023 05:44

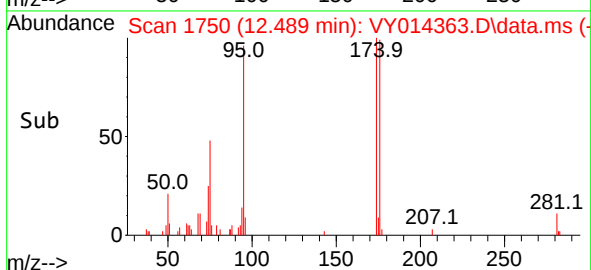
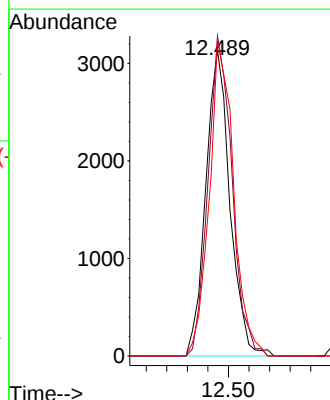
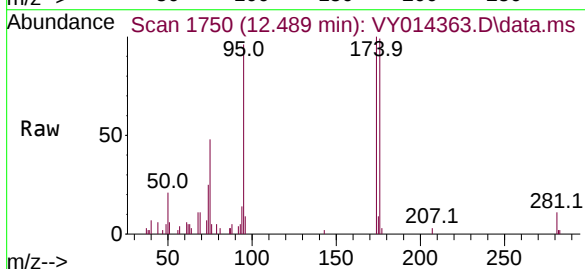
Tgt Ion: 95 Resp: 5126

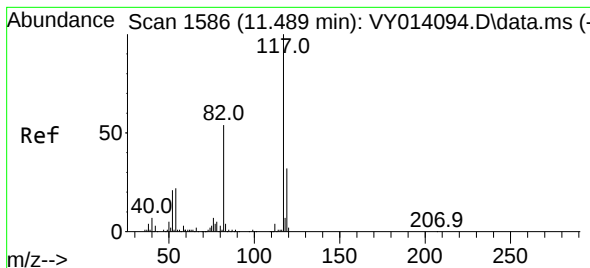
Ion Ratio Lower Upper

95 100

174 104.1 0.0 178.2

176 103.3 0.0 173.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.502 min Scan# 11

Delta R.T. 0.013 min

Lab File: VY014363.D

Acq: 22 Jun 2023 05:44

Instrument :

MSVOA_Y

ClientSampleId :

TOTAL-VOC-MC01-GRAB-7

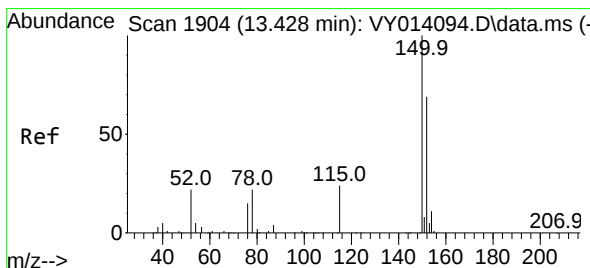
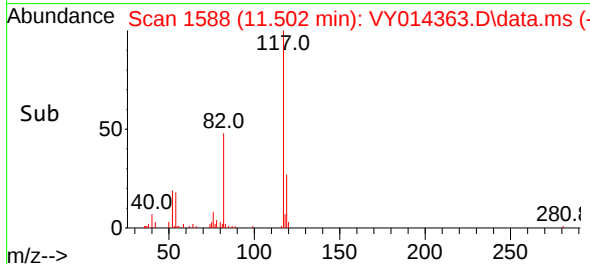
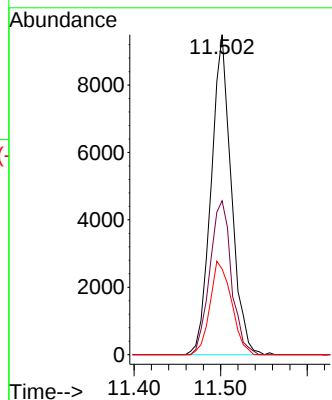
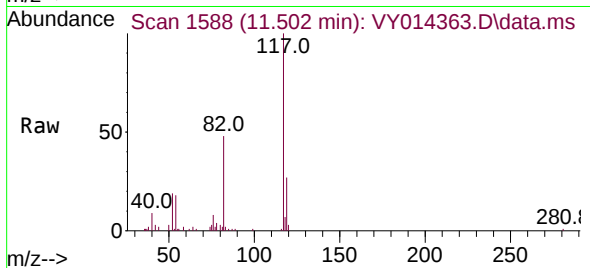
Tgt Ion:117 Resp: 15362

Ion Ratio Lower Upper

117 100

82 48.1 43.4 65.0

119 26.8 26.3 39.5



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.006 min

Lab File: VY014363.D

Acq: 22 Jun 2023 05:44

Tgt Ion:152 Resp: 4886

Ion Ratio Lower Upper

152 100

115 55.2 28.8 86.5

150 163.9 0.0 348.8

