

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031224\
 Data File : VY017638.D
 Acq On : 12 Mar 2024 12:15
 Operator : SY/MD
 Sample : VY0312SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0312SBL01

Quant Time: Mar 13 04:08:10 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y022324S.M
 Quant Title : SW846 8260
 QLast Update : Sat Feb 24 04:41:20 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	105781	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	189634	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163987	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	64649	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	67164	66.995	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	134.000%
35) Dibromofluoromethane	7.716	113	71655	54.225	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	108.460%
50) Toluene-d8	10.185	98	252089	54.562	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	109.120%
62) 4-Bromofluorobenzene	12.483	95	69147	47.622	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	95.240%

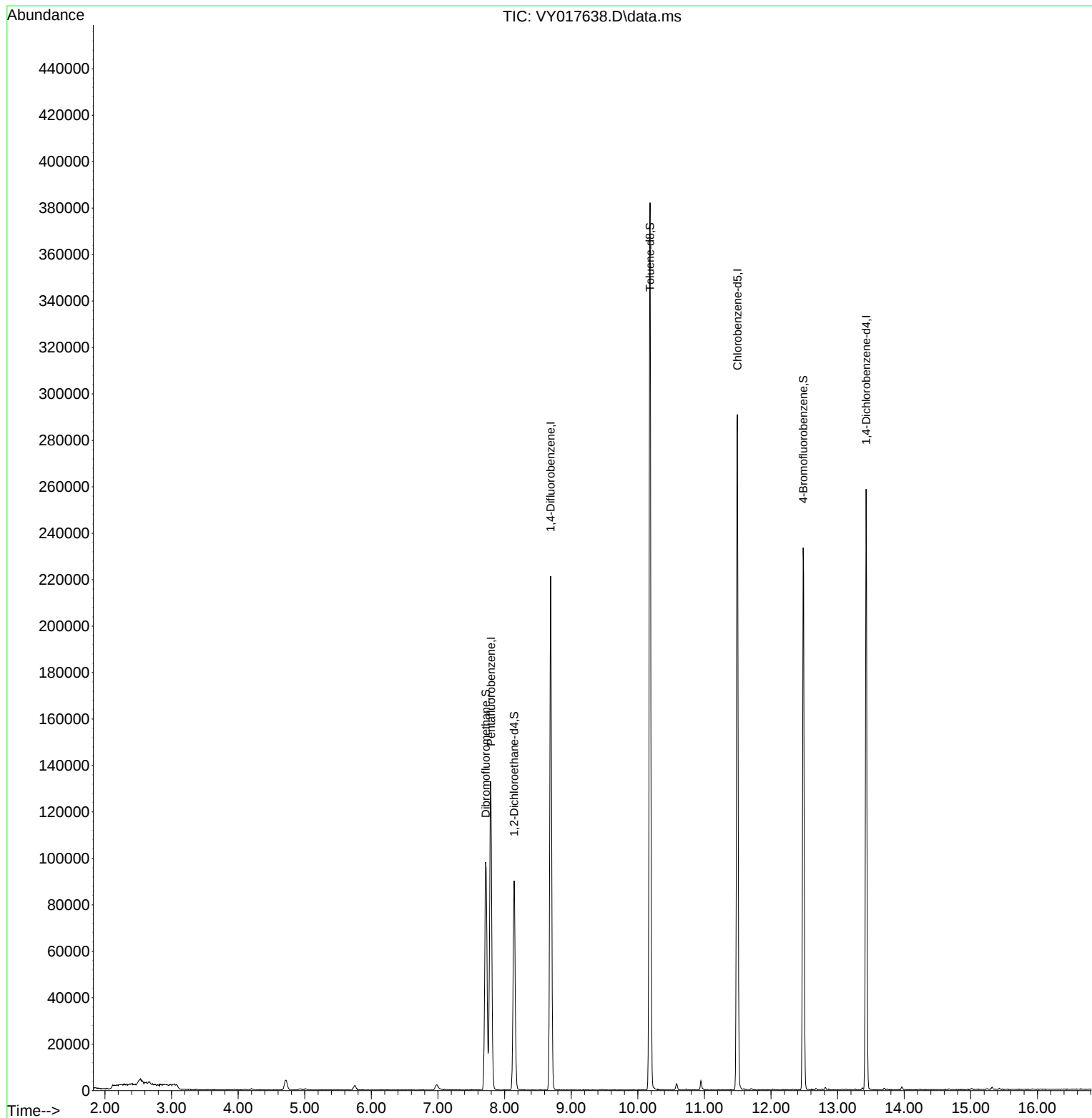
Target Compounds	Qvalue

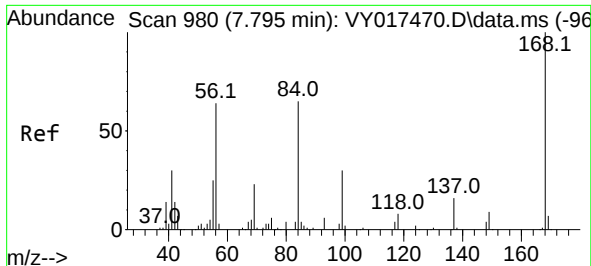
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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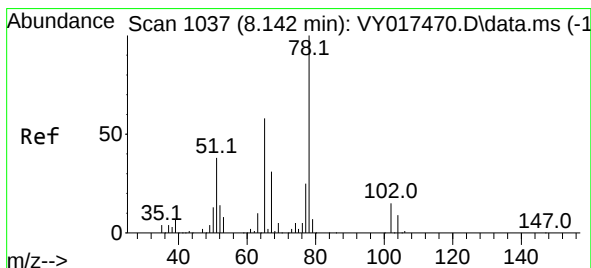
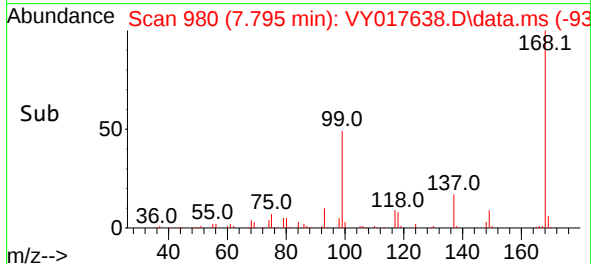
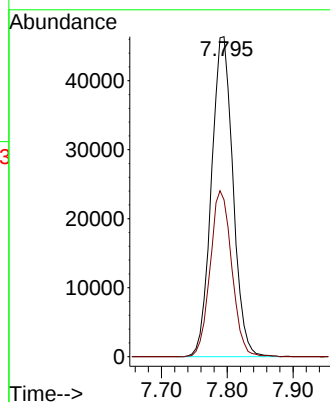
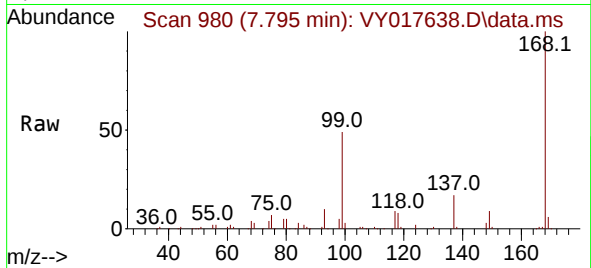




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

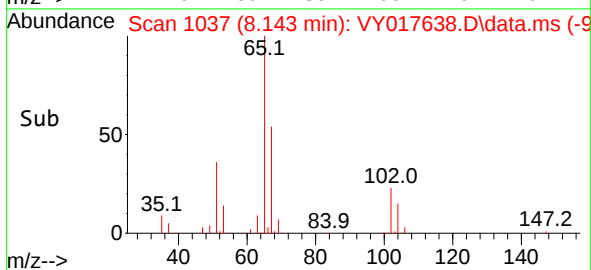
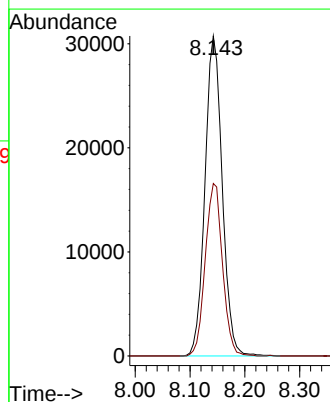
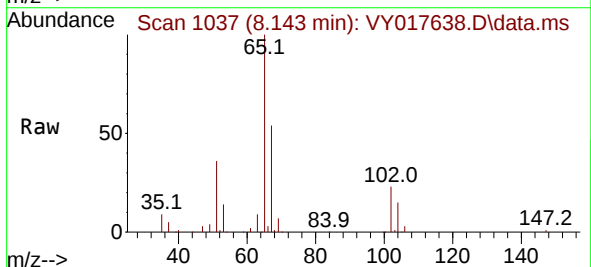
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

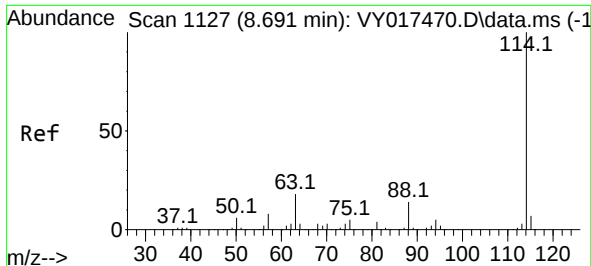
Tgt Ion:168 Resp: 105781
Ion Ratio Lower Upper
168 100
99 49.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 66.995 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 65 Resp: 67164
Ion Ratio Lower Upper
65 100
67 53.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBL01

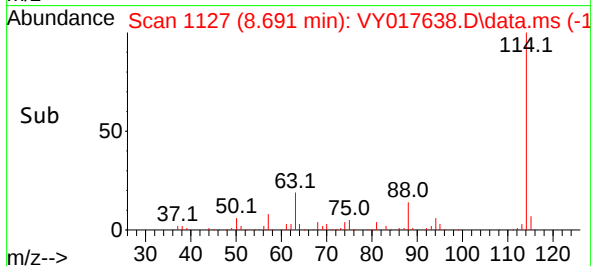
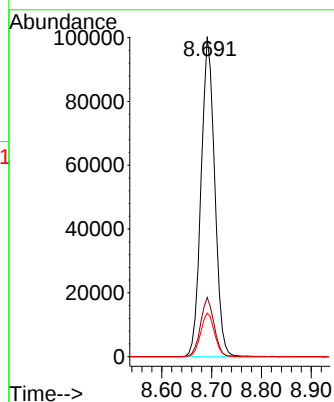
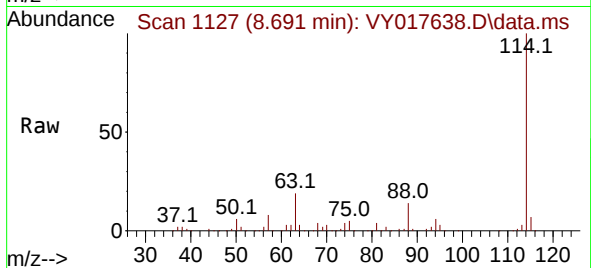
Tgt Ion:114 Resp: 189634

Ion Ratio Lower Upper

114 100

63 18.5 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 54.225 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

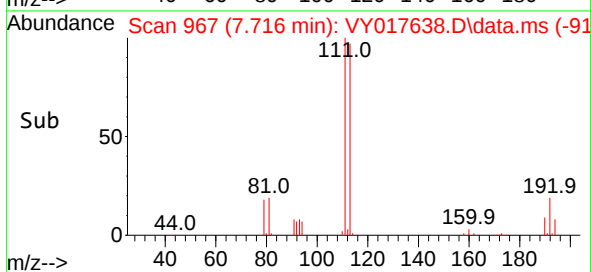
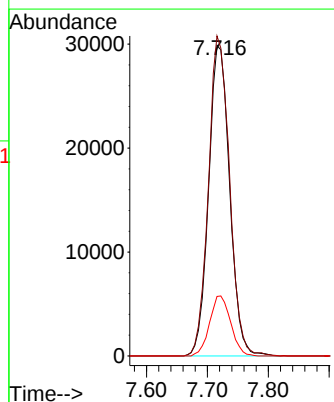
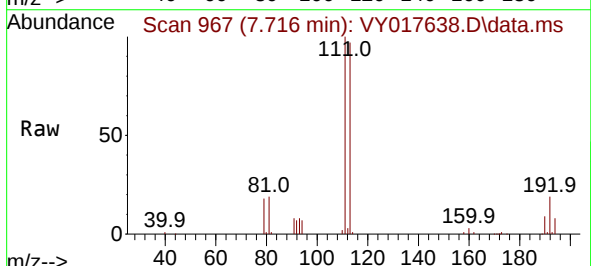
Tgt Ion:113 Resp: 71655

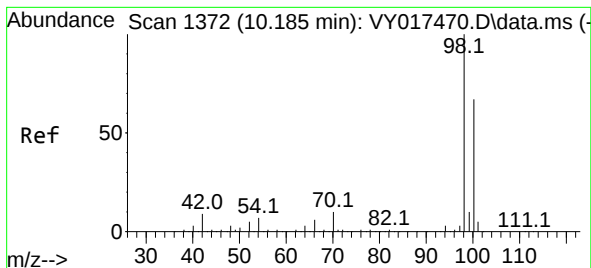
Ion Ratio Lower Upper

113 100

111 103.5 82.2 123.4

192 19.3 15.9 23.9

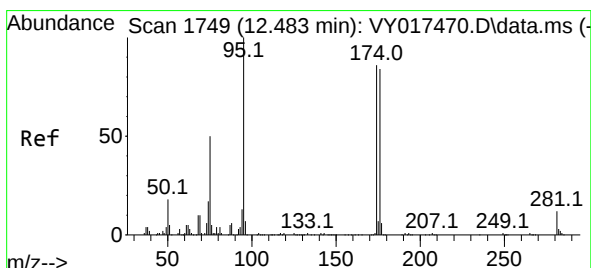
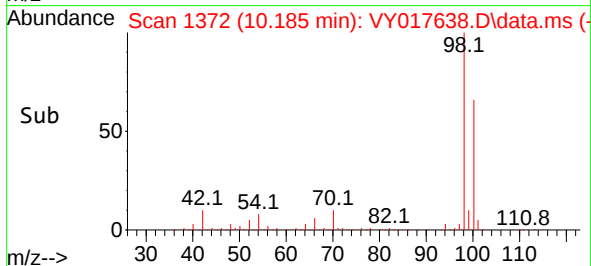
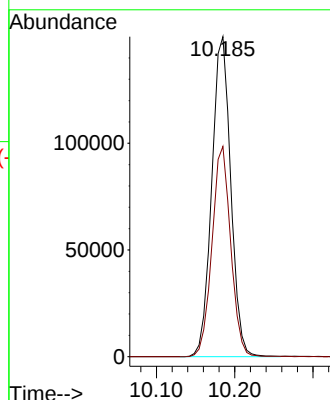
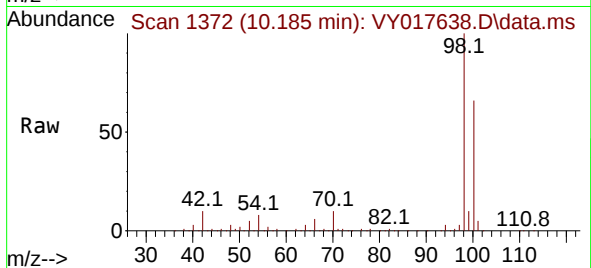




#50
Toluene-d8
Concen: 54.562 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

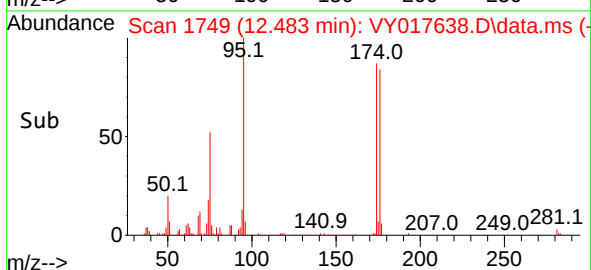
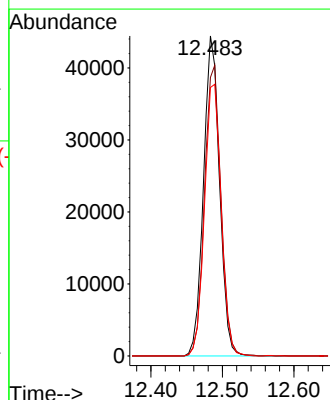
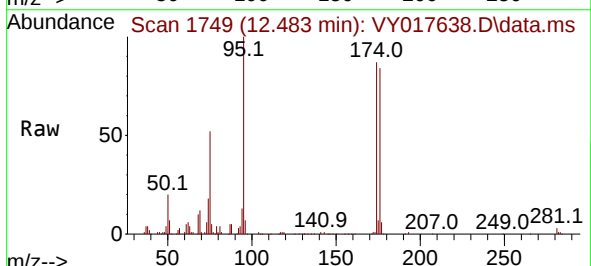
Instrument :
MSVOA_Y
ClientSampleId :
VY0312SBL01

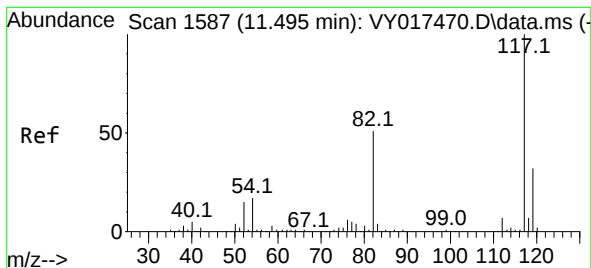
Tgt Ion: 98 Resp: 252089
Ion Ratio Lower Upper
98 100
100 64.7 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 47.622 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017638.D
Acq: 12 Mar 2024 12:15

Tgt Ion: 95 Resp: 69147
Ion Ratio Lower Upper
95 100
174 93.3 0.0 175.6
176 88.4 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Instrument :

MSVOA_Y

ClientSampleId :

VY0312SBL01

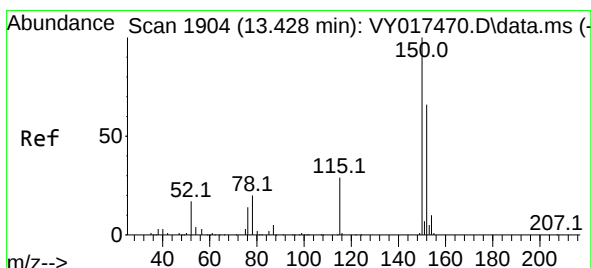
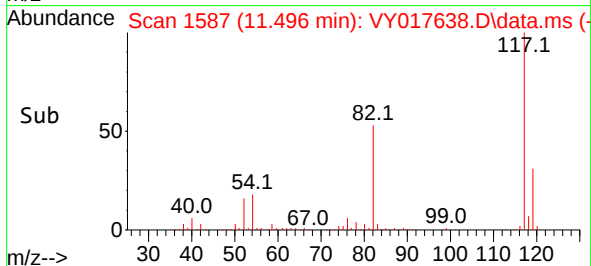
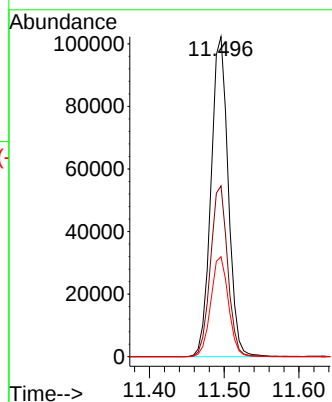
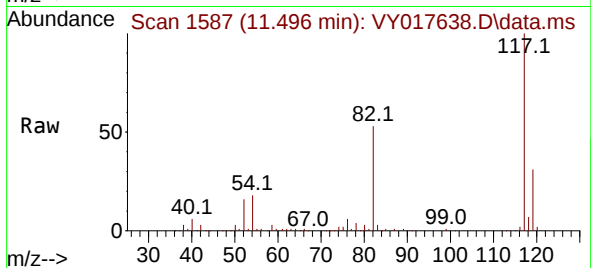
Tgt Ion:117 Resp: 163987

Ion Ratio Lower Upper

117 100

82 53.4 42.4 63.6

119 31.3 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. 0.000 min

Lab File: VY017638.D

Acq: 12 Mar 2024 12:15

Tgt Ion:152 Resp: 64649

Ion Ratio Lower Upper

152 100

115 56.7 28.2 84.7

150 159.0 0.0 345.6

