

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY071124\
 Data File : VY018774.D
 Acq On : 11 Jul 2024 12:55
 Operator : SY/MD
 Sample : VY0711SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0711SBL01

Quant Time: Jul 12 01:36:06 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 09 14:28:51 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	71843	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	126430	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	114680	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	45731	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	38294	54.168	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	108.340%
35) Dibromofluoromethane	7.710	113	40189	50.753	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	101.500%
50) Toluene-d8	10.173	98	147012	49.004	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	98.000%
62) 4-Bromofluorobenzene	12.477	95	44913	43.838	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.680%

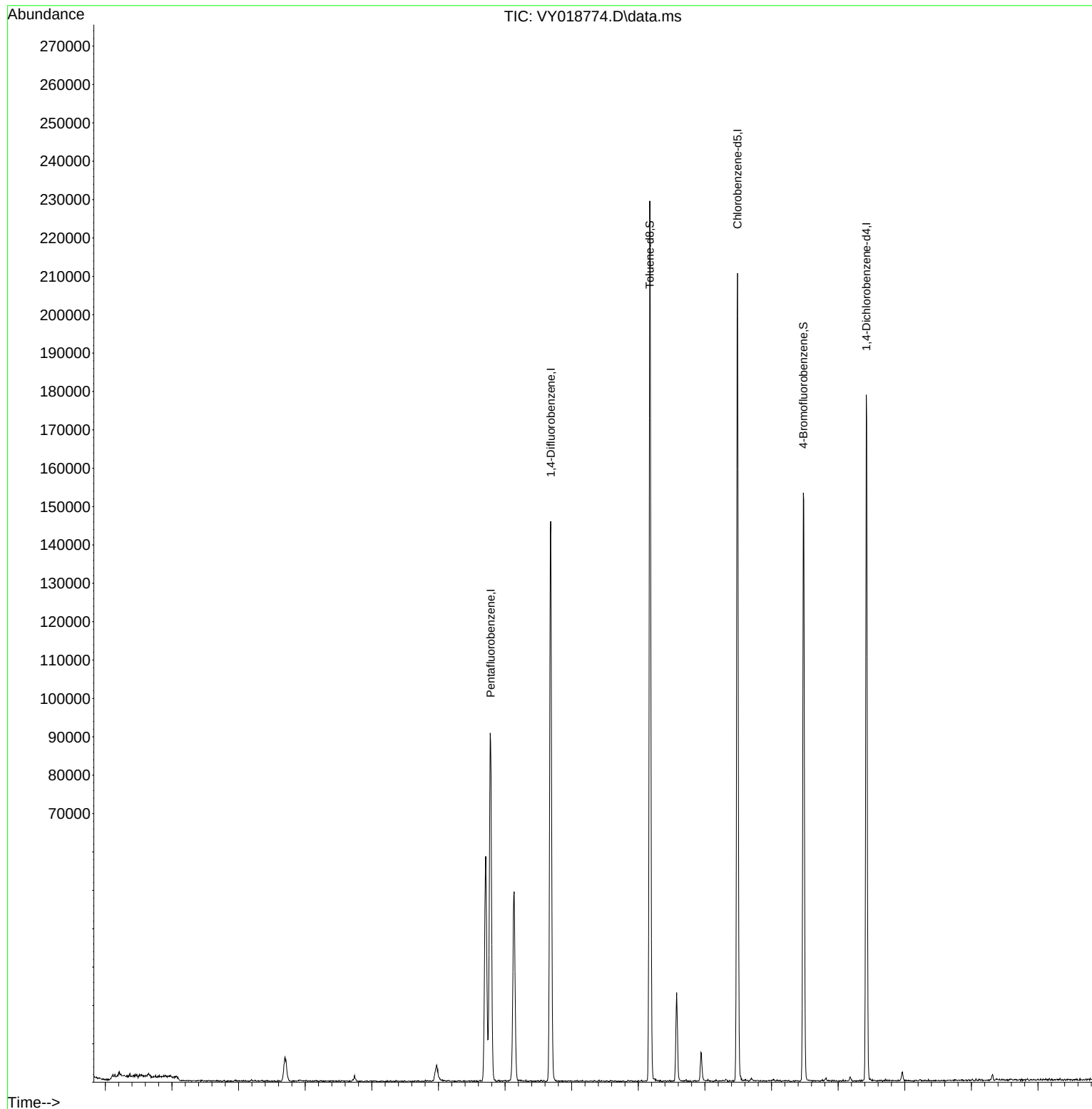
Target Compounds Qvalue

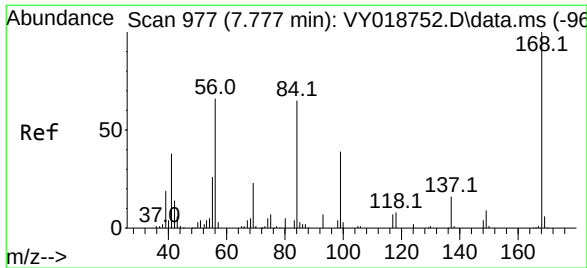
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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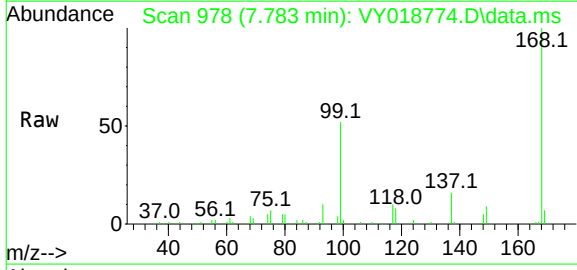
Quant Time: Jul 12 01:36:06 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y070924S.M
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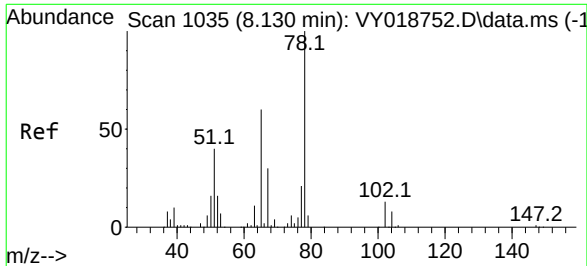
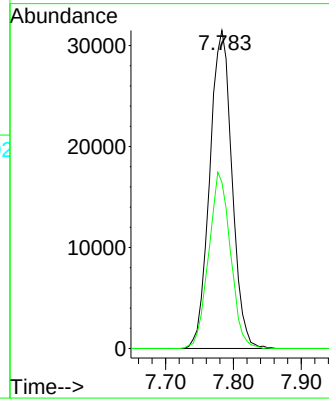
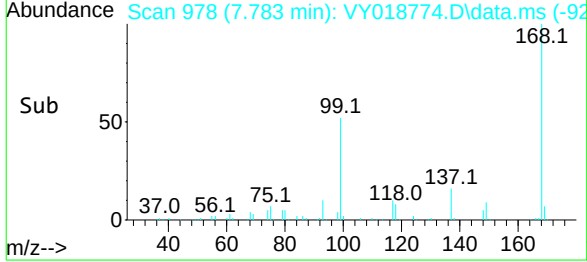


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 97
Delta R.T. 0.006 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Instrument :
MSVOA_Y
ClientSampleId :
VY0711SBL01

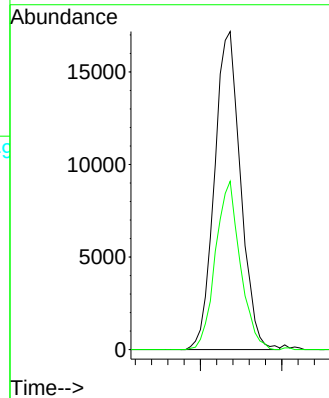
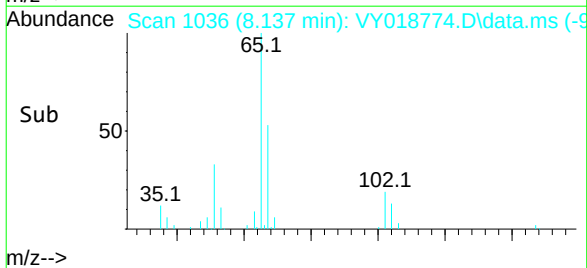
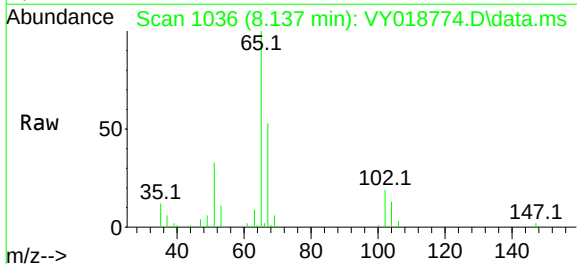


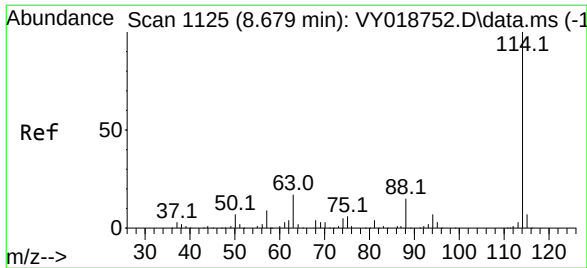
Tgt Ion:168 Resp: 71843
Ion Ratio Lower Upper
168 100
99 52.2 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.168 ug/l
RT: 8.137 min Scan# 1036
Delta R.T. 0.006 min
Lab File: VY018774.D
Acq: 11 Jul 2024 12:55

Tgt Ion: 65 Resp: 38294
Ion Ratio Lower Upper
65 100
67 50.3 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 11

Delta R.T. 0.006 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

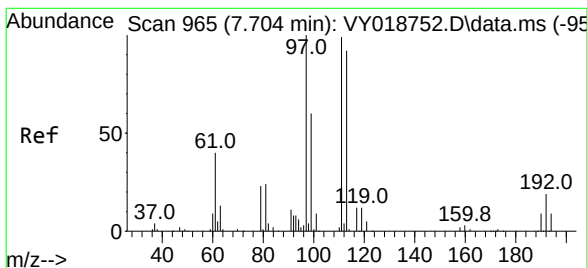
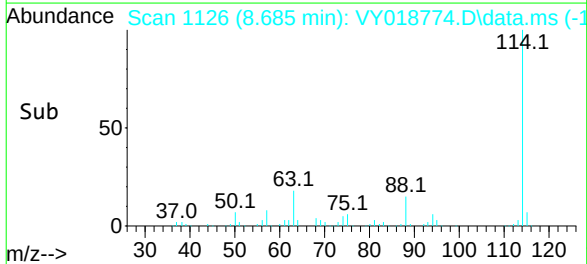
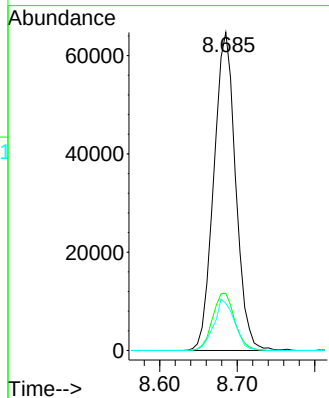
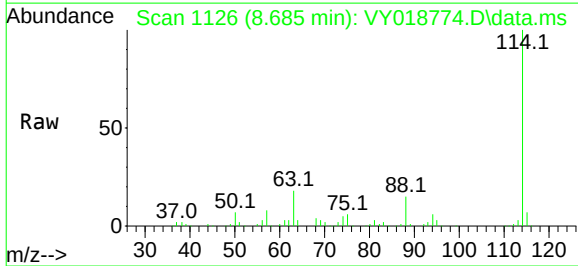
Instrument :

MSVOA_Y

ClientSampleId :

VY0711SBL01

Tgt Ion:	114	Resp:	126430
Ion	Ratio	Lower	Upper
114	100		
63	18.0	0.0	35.0
88	14.8	0.0	27.2



#35

Dibromofluoromethane

Concen: 50.753 ug/l

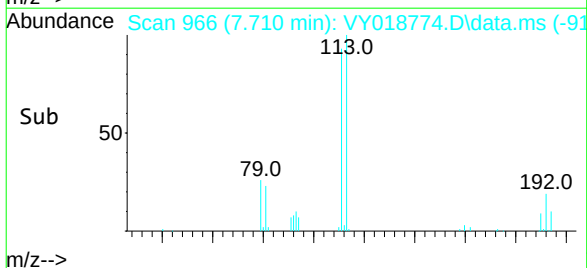
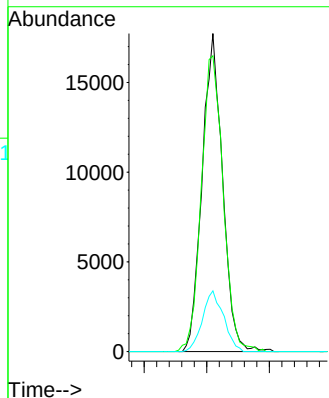
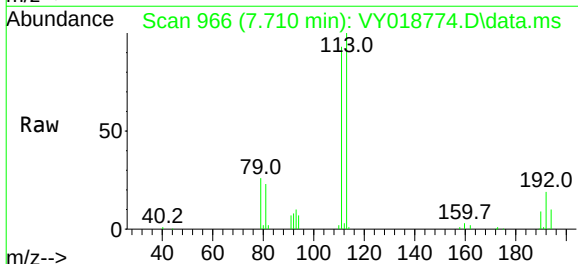
RT: 7.710 min Scan# 966

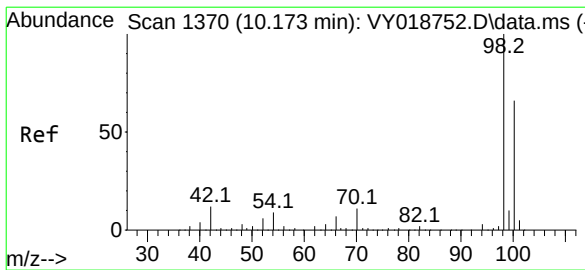
Delta R.T. 0.006 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Tgt Ion:	113	Resp:	40189
Ion	Ratio	Lower	Upper
113	100		
111	99.4	82.2	123.4
192	19.7	15.9	23.9





#50

Toluene-d8

Concen: 49.004 ug/l

RT: 10.173 min Scan# 1370

Delta R.T. 0.000 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

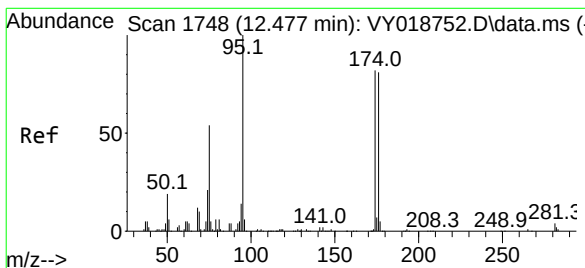
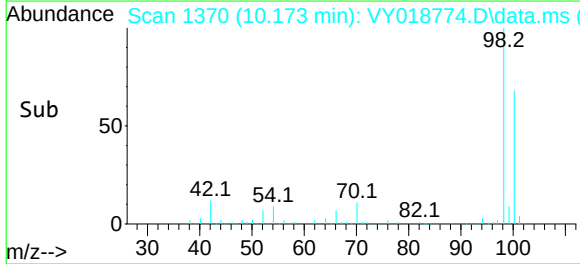
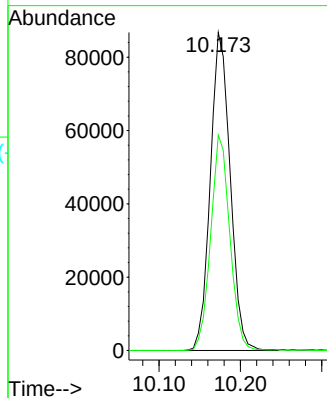
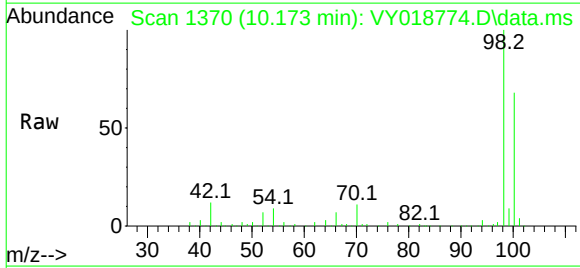
VY0711SBL01

Tgt Ion: 98 Resp: 147012

Ion Ratio Lower Upper

98 100

100 65.3 52.0 78.0



#62

4-Bromofluorobenzene

Concen: 43.838 ug/l

RT: 12.477 min Scan# 1748

Delta R.T. 0.000 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

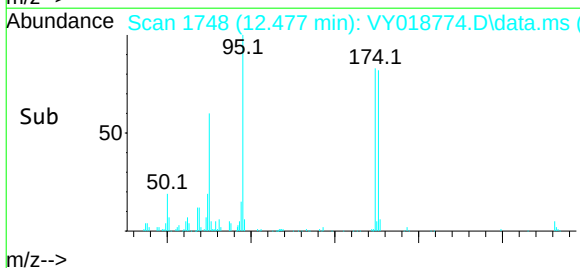
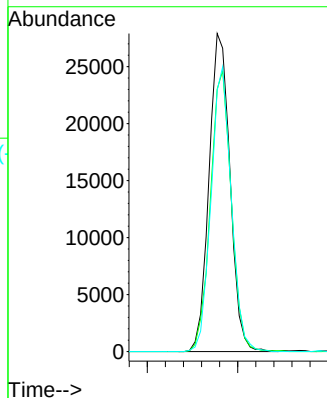
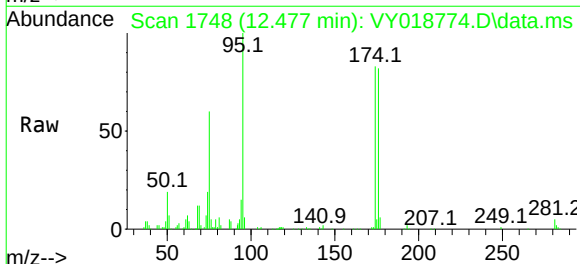
Tgt Ion: 95 Resp: 44913

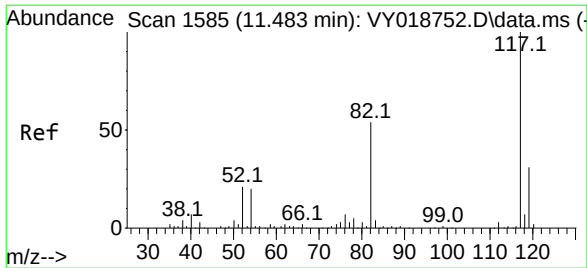
Ion Ratio Lower Upper

95 100

174 87.7 0.0 175.6

176 86.3 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.490 min Scan# 1585

Delta R.T. 0.006 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Instrument :

MSVOA_Y

ClientSampleId :

VY0711SBL01

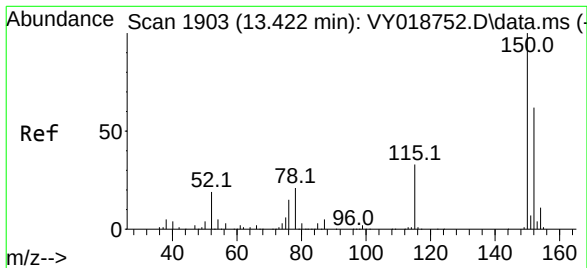
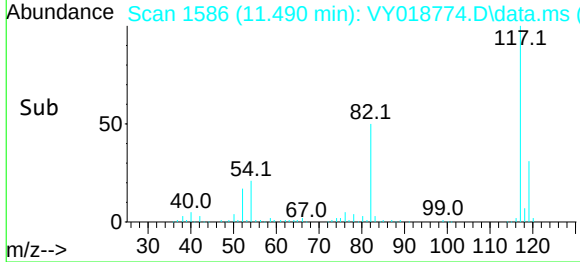
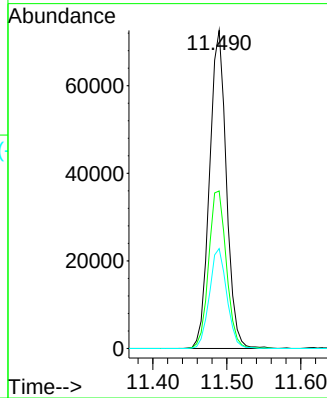
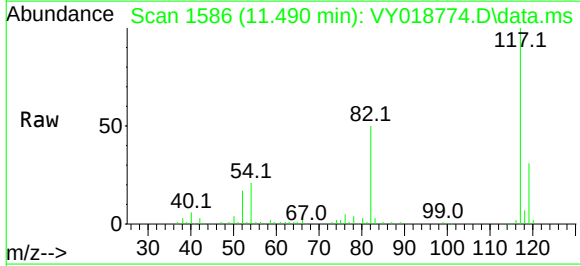
Tgt Ion:117 Resp: 114680

Ion Ratio Lower Upper

117 100

82 49.5 42.4 63.6

119 31.4 25.9 38.9



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.422 min Scan# 1903

Delta R.T. 0.000 min

Lab File: VY018774.D

Acq: 11 Jul 2024 12:55

Tgt Ion:152 Resp: 45731

Ion Ratio Lower Upper

152 100

115 58.6 28.2 84.7

150 157.1 0.0 345.6

