

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020624\
 Data File : VY017273.D
 Acq On : 06 Feb 2024 18:35
 Operator : SY/MD
 Sample : P1374-01
 Misc : 5.45g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BU-03-020524

Quant Time: Feb 07 00:11:22 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y020124S.M
 Quant Title : SW846 8260
 QLast Update : Fri Feb 02 00:56:04 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	72091	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	135784	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	119207	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	46911	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	44185	68.608	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	137.220%
35) Dibromofluoromethane	7.722	113	45112	61.532	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	123.060%
50) Toluene-d8	10.185	98	159892	59.900	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	119.800%
62) 4-Bromofluorobenzene	12.489	95	49794	56.945	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	113.880%

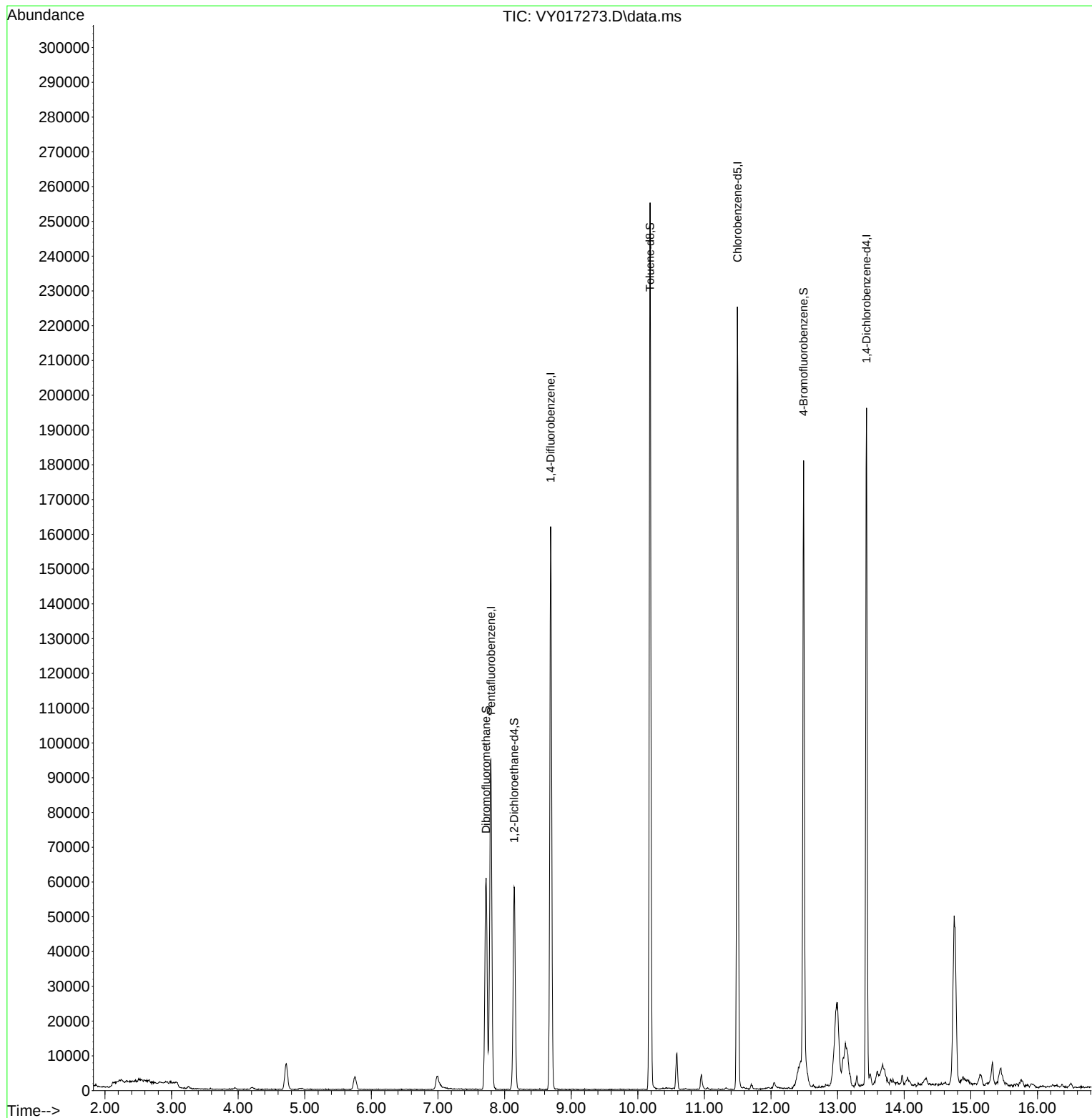
Target Compounds	Qvalue

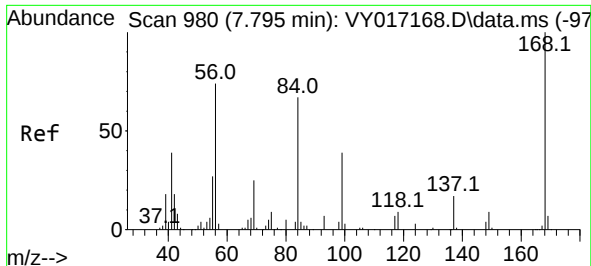
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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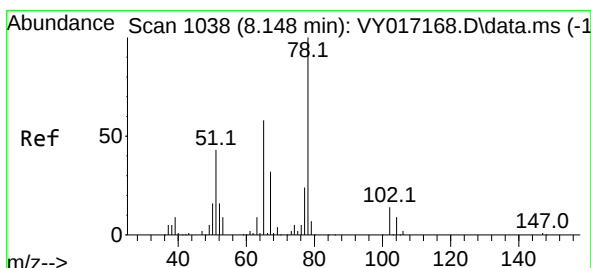
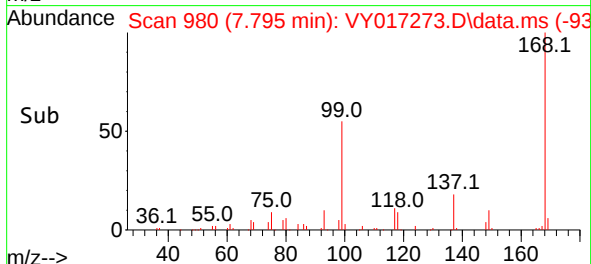
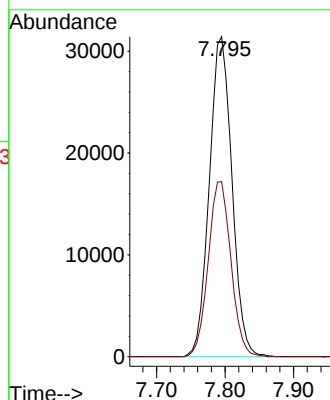
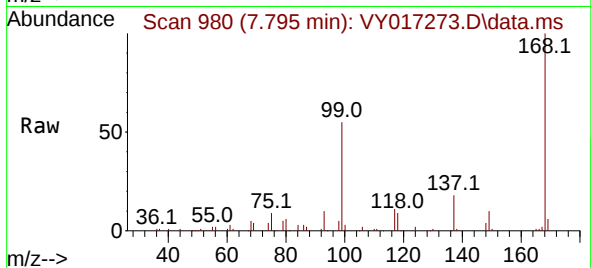




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

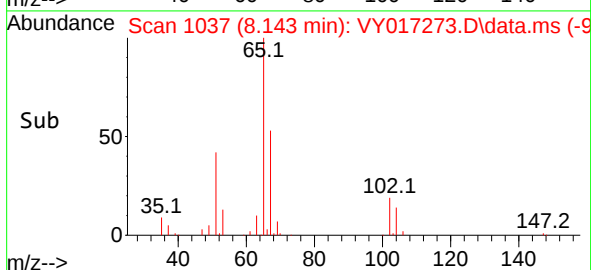
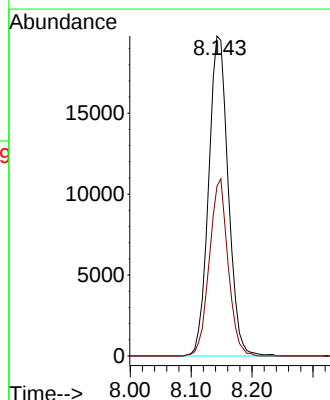
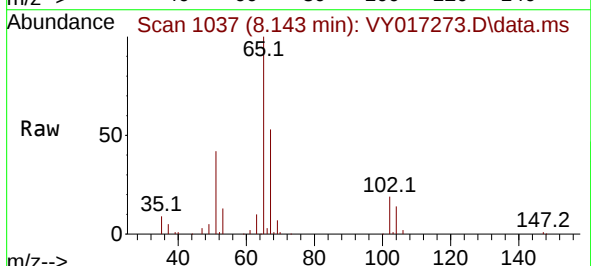
Instrument :
MSVOA_Y
ClientSampleId :
BU-03-020524

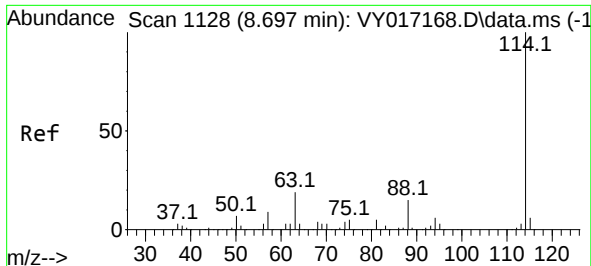
Tgt Ion:168 Resp: 72091
Ion Ratio Lower Upper
168 100
99 54.7 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 68.608 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. -0.006 min
Lab File: VY017273.D
Acq: 06 Feb 2024 18:35

Tgt Ion: 65 Resp: 44185
Ion Ratio Lower Upper
65 100
67 52.8 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1128

Delta R.T. -0.006 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-020524

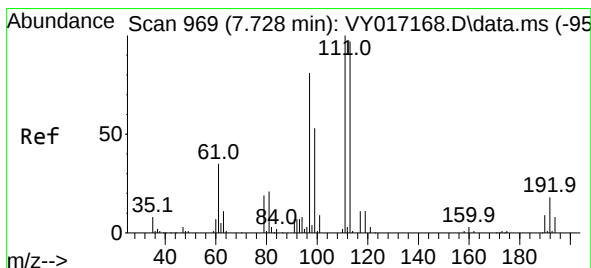
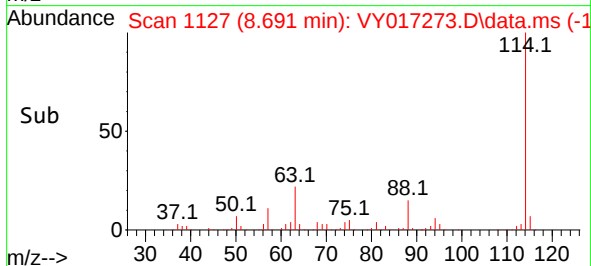
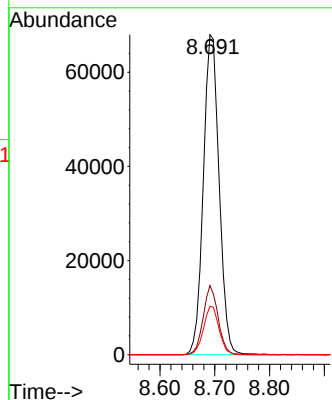
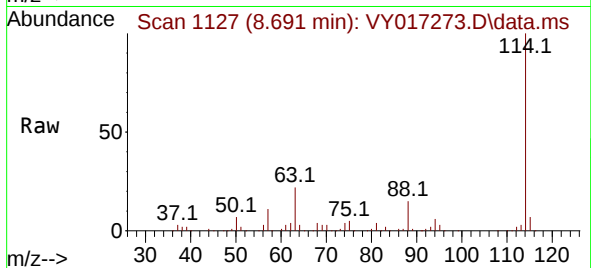
Tgt Ion:114 Resp: 135784

Ion Ratio Lower Upper

114 100

63 21.6 0.0 37.4

88 15.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 61.532 ug/l

RT: 7.722 min Scan# 968

Delta R.T. -0.006 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

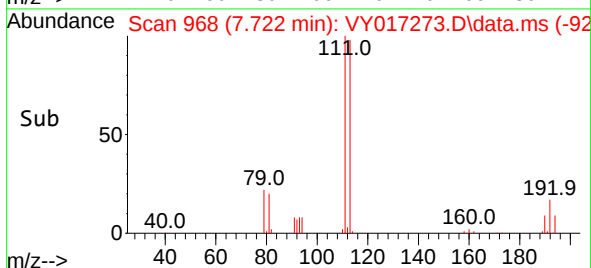
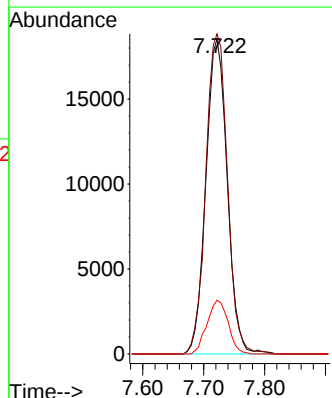
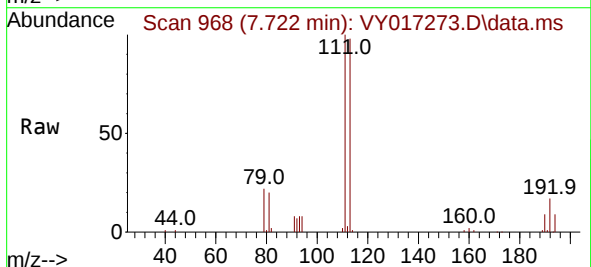
Tgt Ion:113 Resp: 45112

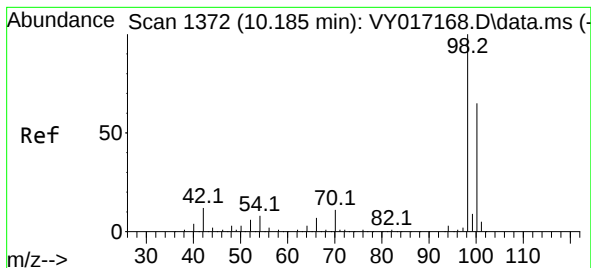
Ion Ratio Lower Upper

113 100

111 103.0 83.8 125.6

192 16.9 14.5 21.7





#50

Toluene-d8

Concen: 59.900 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

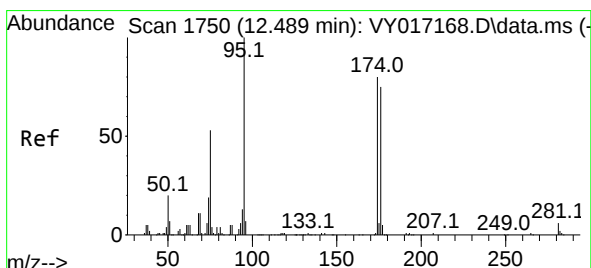
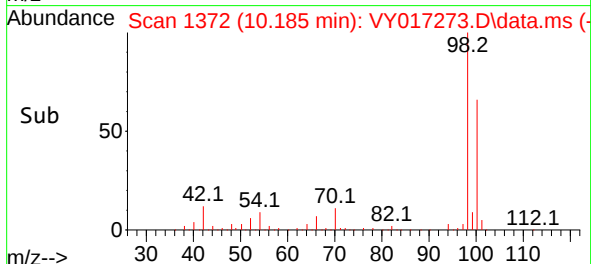
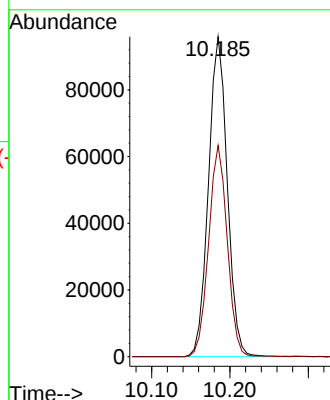
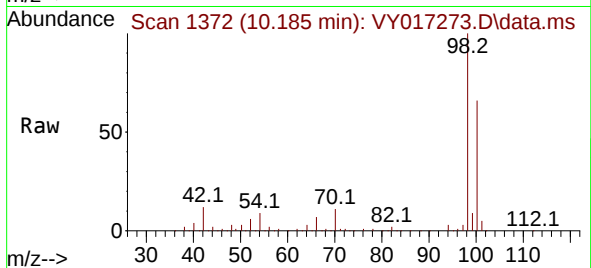
BU-03-020524

Tgt Ion: 98 Resp: 159892

Ion Ratio Lower Upper

98 100

100 65.4 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 56.945 ug/l

RT: 12.489 min Scan# 1750

Delta R.T. 0.000 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

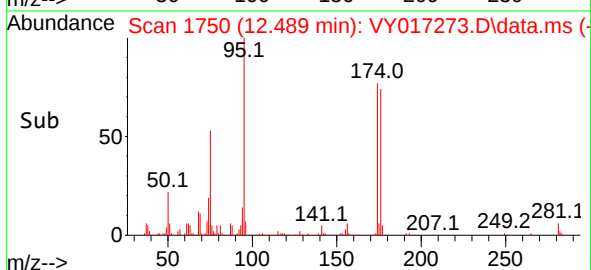
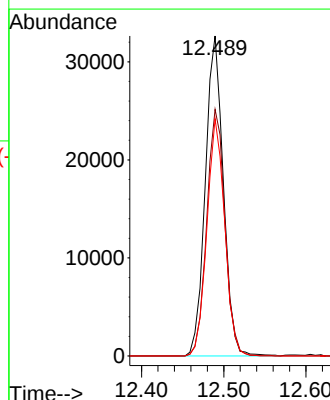
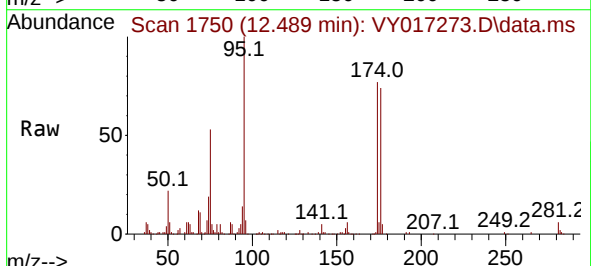
Tgt Ion: 95 Resp: 49794

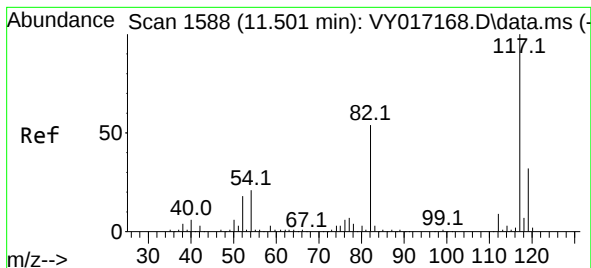
Ion Ratio Lower Upper

95 100

174 77.3 0.0 160.0

176 73.1 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

Instrument :

MSVOA_Y

ClientSampleId :

BU-03-020524

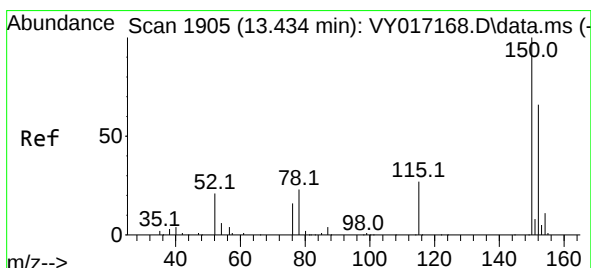
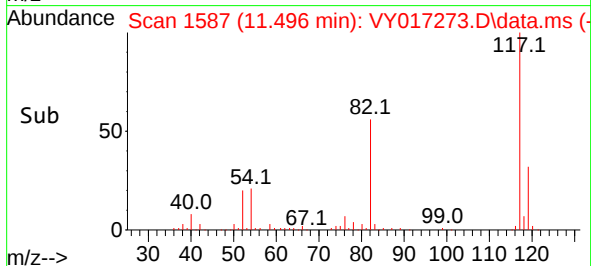
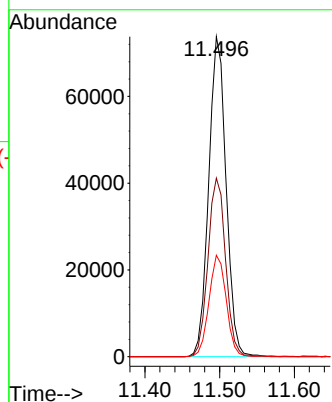
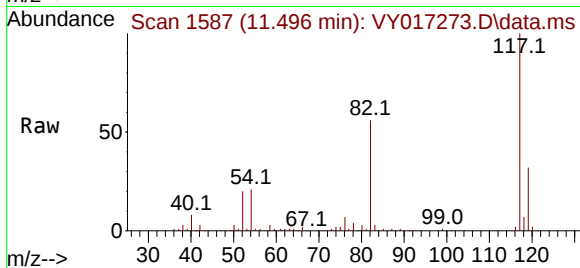
Tgt Ion:117 Resp: 119207

Ion Ratio Lower Upper

117 100

82 55.8 43.8 65.8

119 31.7 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.434 min Scan# 1905

Delta R.T. 0.000 min

Lab File: VY017273.D

Acq: 06 Feb 2024 18:35

Tgt Ion:152 Resp: 46911

Ion Ratio Lower Upper

152 100

115 59.3 30.0 90.0

150 156.4 0.0 344.6

