

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020924\
 Data File : VY017331.D
 Acq On : 09 Feb 2024 11:28
 Operator : SY/MD
 Sample : VY0209SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0209SBL01

Quant Time: Feb 09 21:59:44 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	95344	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	182439	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	163183	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	60464	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	42481	49.875	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.760%
35) Dibromofluoromethane	7.722	113	44505	45.180	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	90.360%
50) Toluene-d8	10.185	98	160993	44.889	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	89.780%
62) 4-Bromofluorobenzene	12.483	95	44101	37.537	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.080%

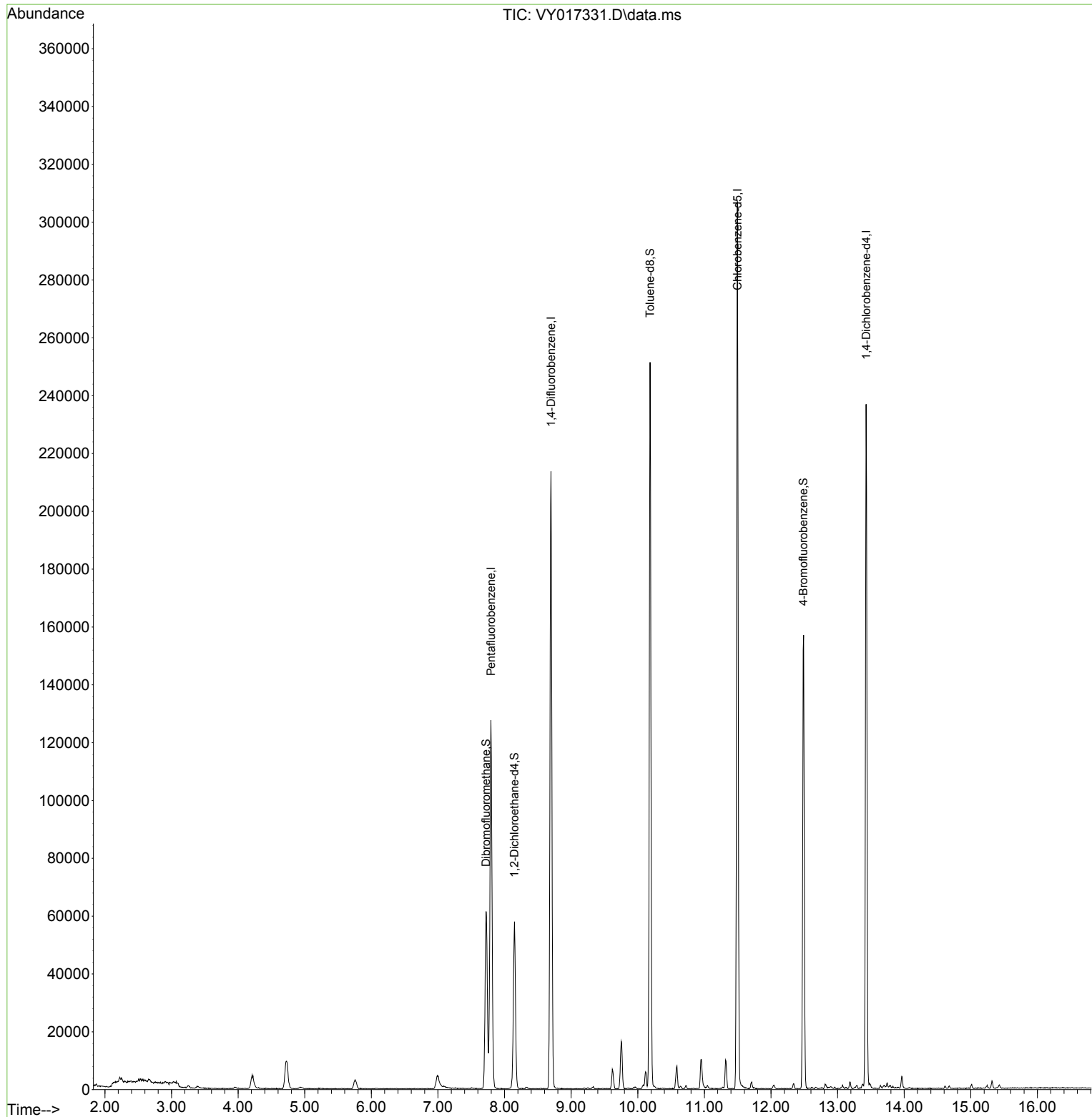
Target Compounds	Qvalue

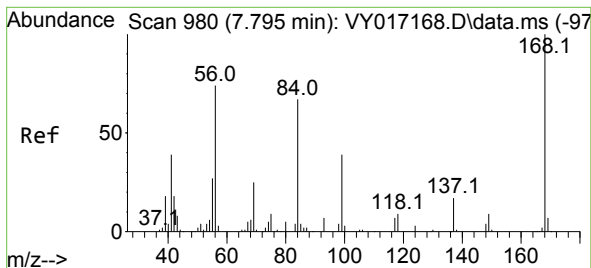
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Feb 02 00:56:04 2024
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#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.795 min Scan# 91

Delta R.T. 0.000 min

Lab File: VY017331.D

Acq: 09 Feb 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

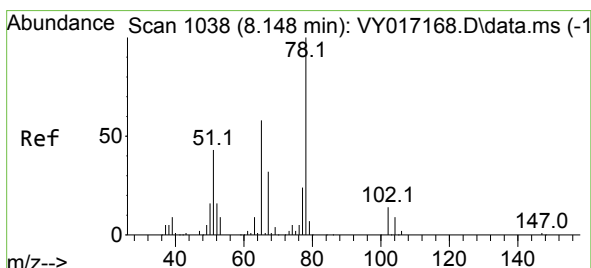
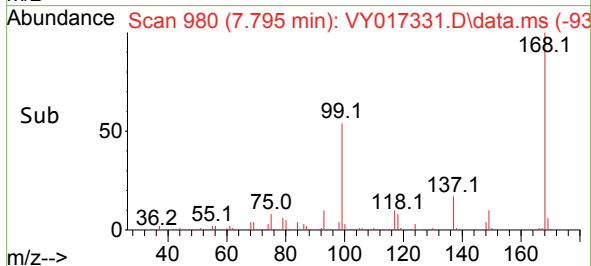
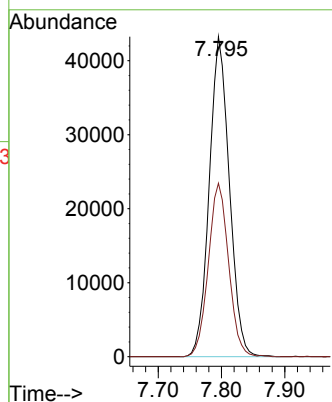
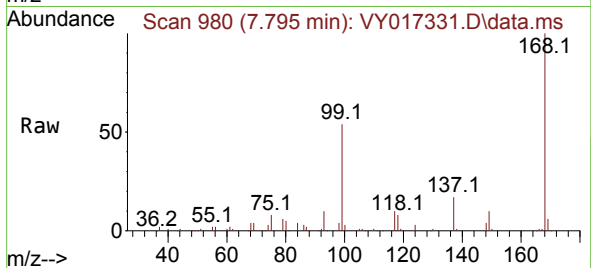
VY0209SBL01

Tgt Ion:168 Resp: 95344

Ion Ratio Lower Upper

168 100

99 54.2 44.2 66.4



#33

1,2-Dichloroethane-d4

Concen: 49.875 ug/l

RT: 8.149 min Scan# 1038

Delta R.T. 0.001 min

Lab File: VY017331.D

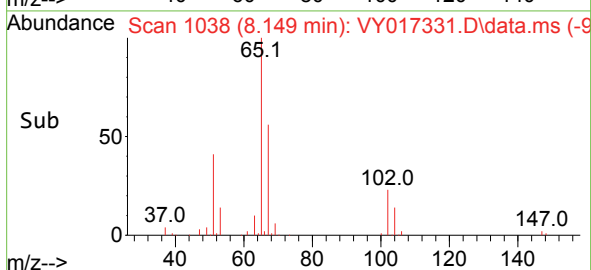
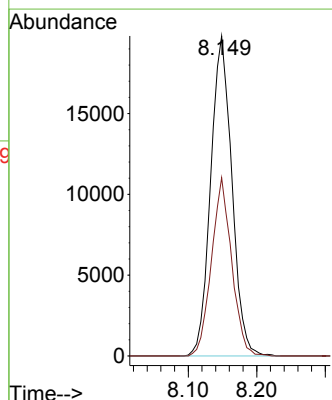
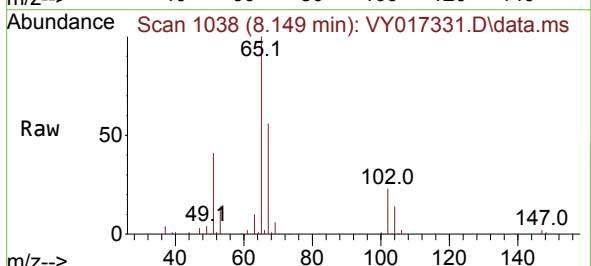
Acq: 09 Feb 2024 11:28

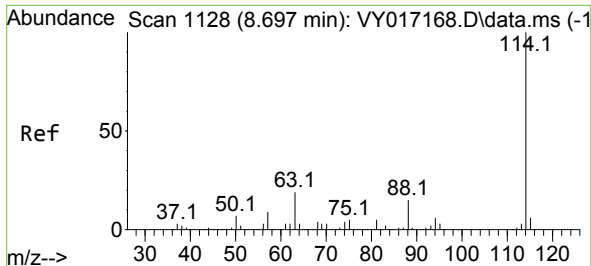
Tgt Ion: 65 Resp: 42481

Ion Ratio Lower Upper

65 100

67 53.2 0.0 109.0

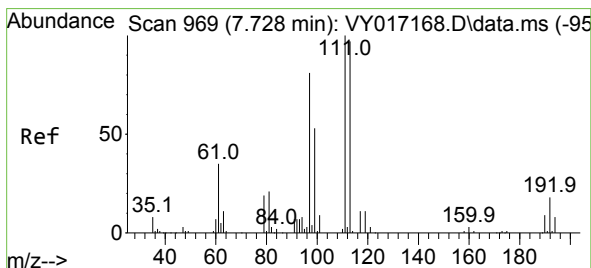
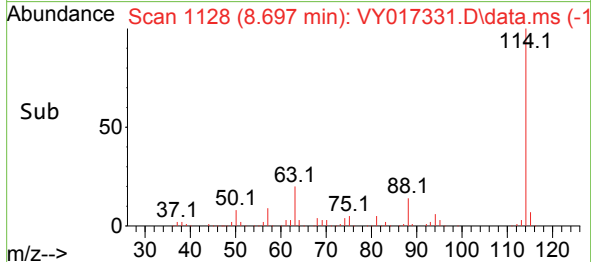
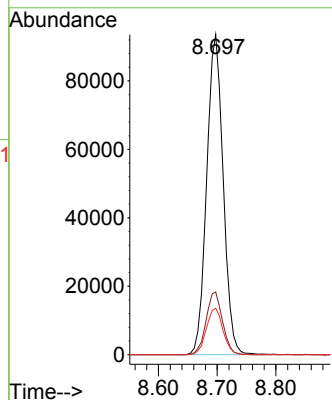
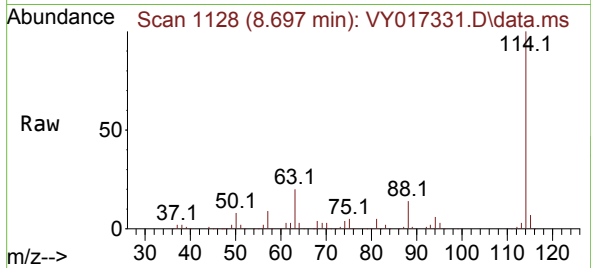




#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.697 min Scan# 1128
Delta R.T. 0.001 min
Lab File: VY017331.D
Acq: 09 Feb 2024 11:28

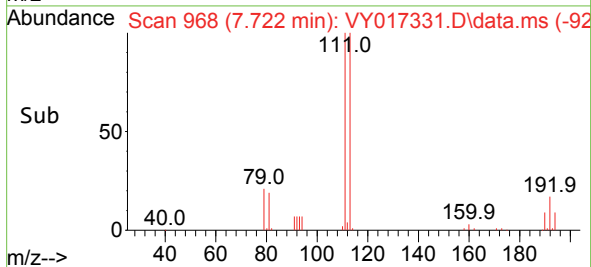
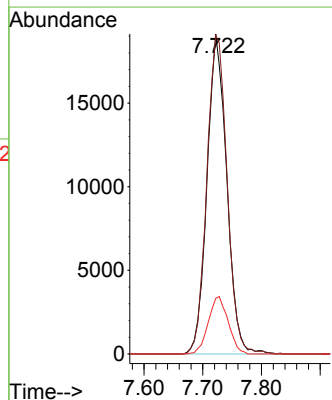
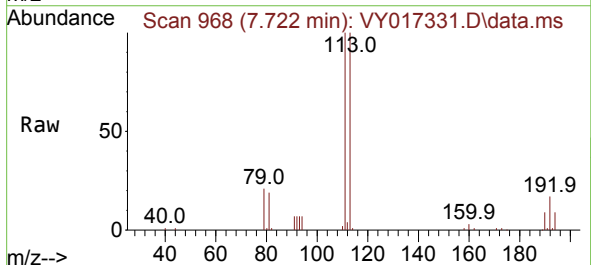
Instrument :
MSVOA_Y
ClientSampleId :
VY0209SBL01

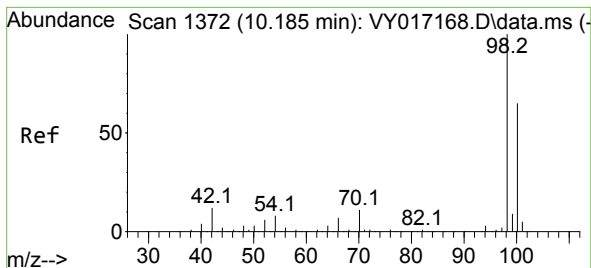
Tgt Ion:114 Resp: 182439
Ion Ratio Lower Upper
114 100
63 19.6 0.0 37.4
88 14.5 0.0 29.0



#35
Dibromofluoromethane
Concen: 45.180 ug/l
RT: 7.722 min Scan# 968
Delta R.T. -0.006 min
Lab File: VY017331.D
Acq: 09 Feb 2024 11:28

Tgt Ion:113 Resp: 44505
Ion Ratio Lower Upper
113 100
111 102.7 83.8 125.6
192 18.1 14.5 21.7





#50

Toluene-d8

Concen: 44.889 ug/l

RT: 10.185 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017331.D

Acq: 09 Feb 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

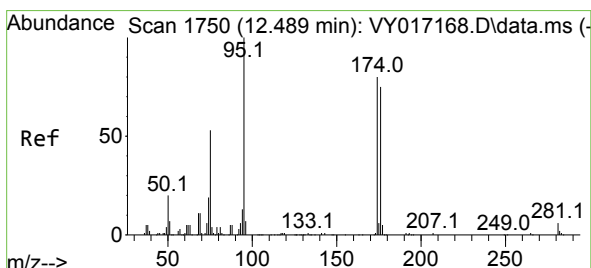
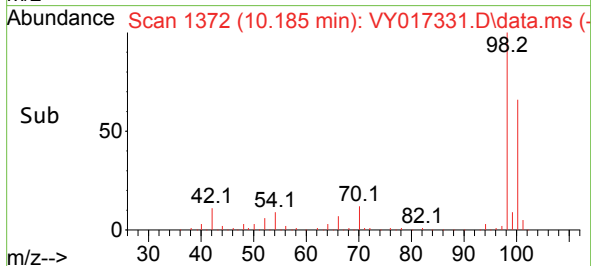
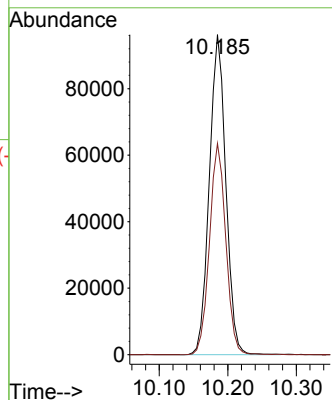
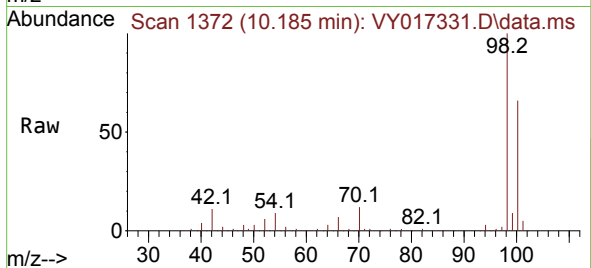
VY0209SBL01

Tgt Ion: 98 Resp: 160993

Ion Ratio Lower Upper

98 100

100 65.3 52.3 78.5



#62

4-Bromofluorobenzene

Concen: 37.537 ug/l

RT: 12.483 min Scan# 1749

Delta R.T. -0.006 min

Lab File: VY017331.D

Acq: 09 Feb 2024 11:28

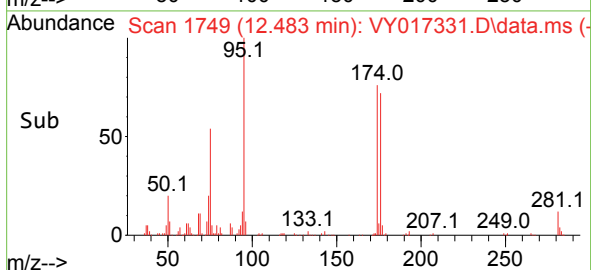
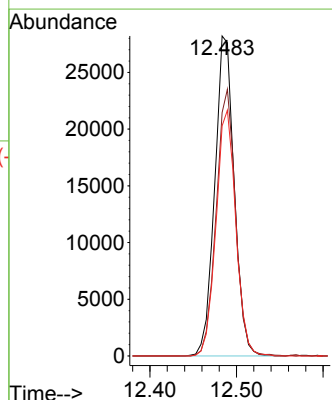
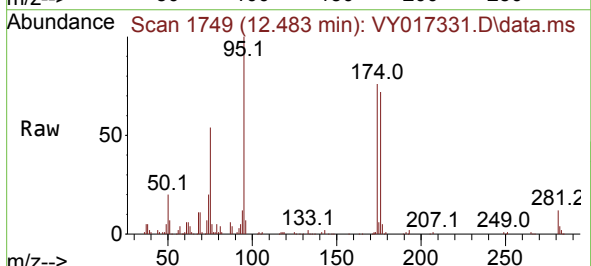
Tgt Ion: 95 Resp: 44101

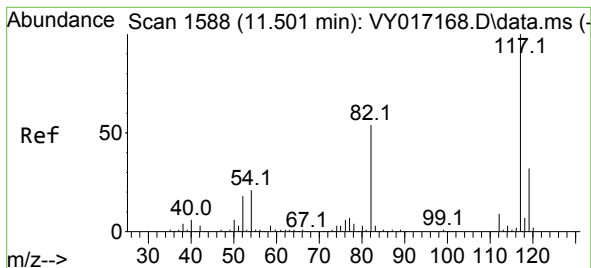
Ion Ratio Lower Upper

95 100

174 83.0 0.0 160.0

176 77.9 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 1

Delta R.T. -0.006 min

Lab File: VY017331.D

Acq: 09 Feb 2024 11:28

Instrument :

MSVOA_Y

ClientSampleId :

VY0209SBL01

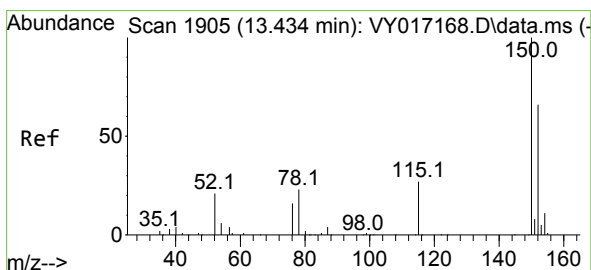
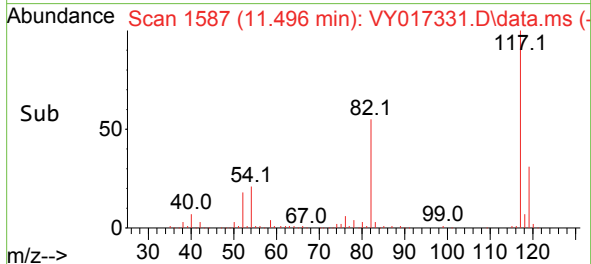
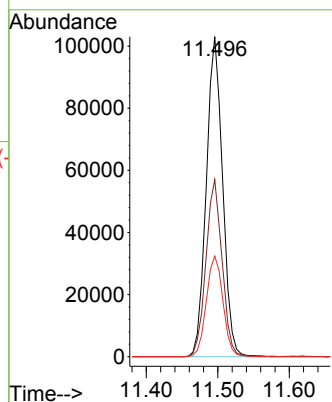
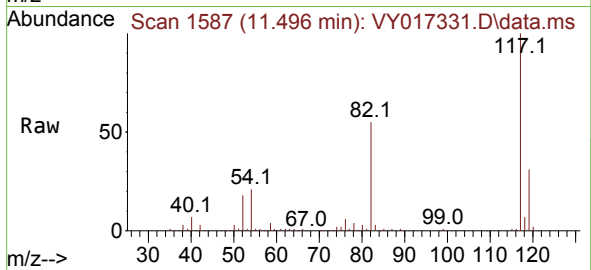
Tgt Ion:117 Resp: 163183

Ion Ratio Lower Upper

117 100

82 55.4 43.8 65.8

119 31.5 26.5 39.7



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 13.428 min Scan# 1904

Delta R.T. -0.006 min

Lab File: VY017331.D

Acq: 09 Feb 2024 11:28

Tgt Ion:152 Resp: 60464

Ion Ratio Lower Upper

152 100

115 57.1 30.0 90.0

150 156.1 0.0 344.6

