

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020824\
 Data File : VY017319.D
 Acq On : 08 Feb 2024 17:46
 Operator : SY/MD
 Sample : P1378-01RE
 Misc : 5.06g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 TP-4RE

Quant Time: Feb 09 00:15:14 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	7.789	168	21564	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	35464	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	26605	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	7325	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	8441	43.818	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	87.640%
35) Dibromofluoromethane	7.716	113	9203	48.062	ug/l	-0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	96.120%
50) Toluene-d8	10.185	98	30864	44.270	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	88.540%
62) 4-Bromofluorobenzene	12.489	95	6402	28.032	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	56.060%

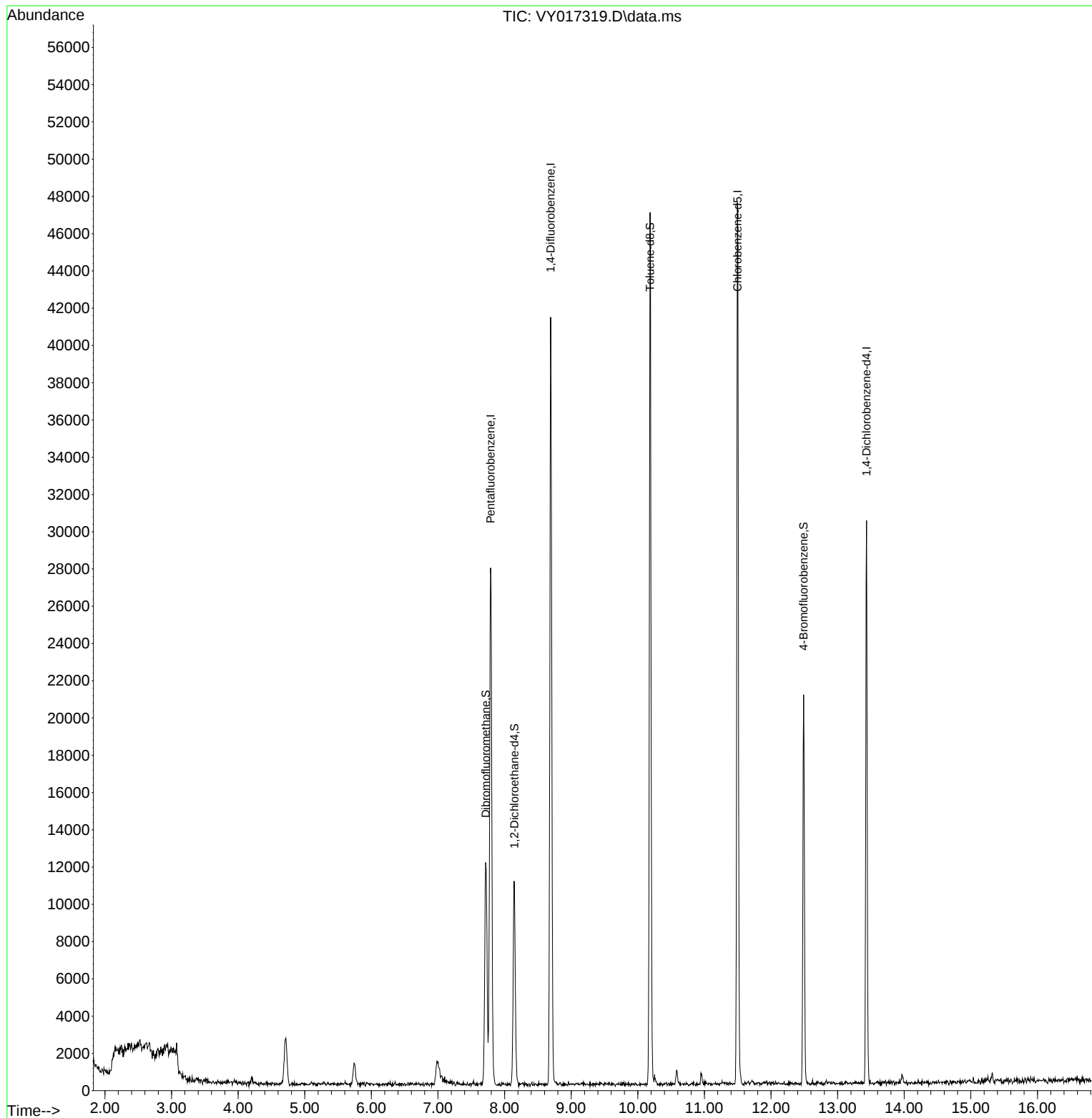
Target Compounds	Qvalue

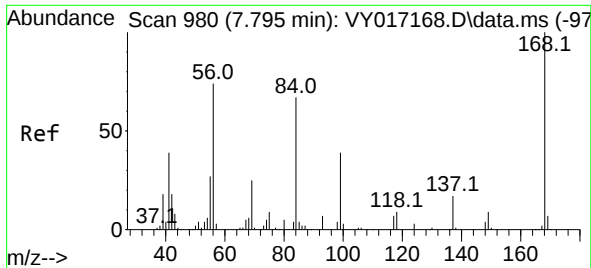
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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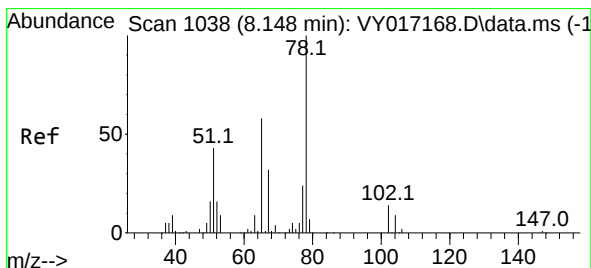
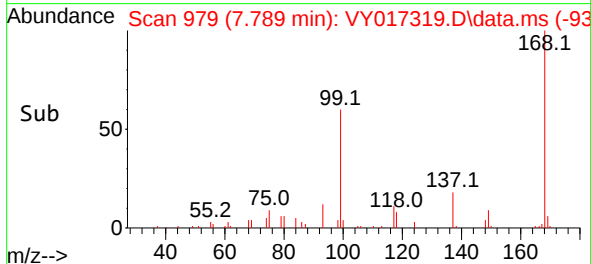
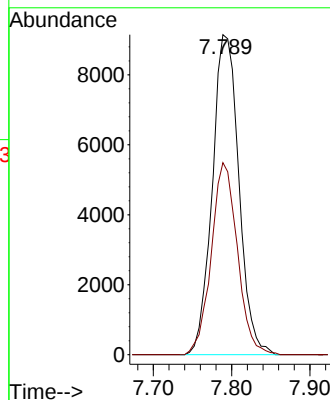
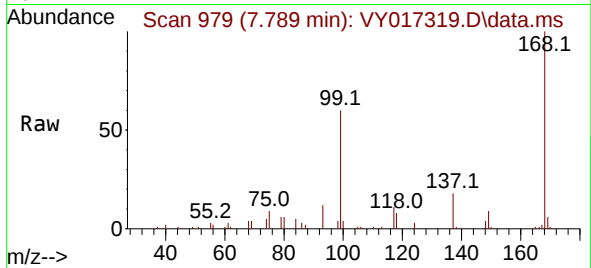




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

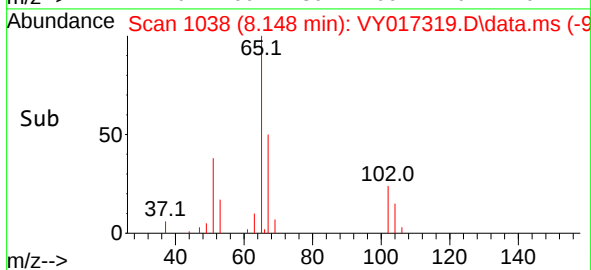
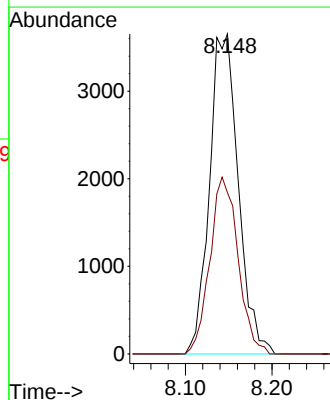
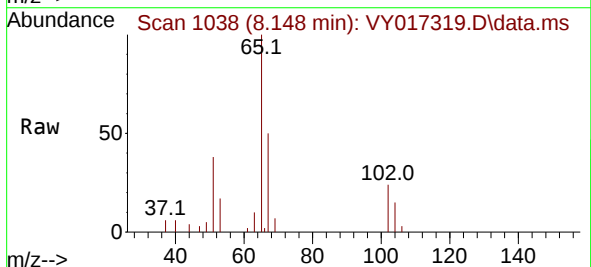
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

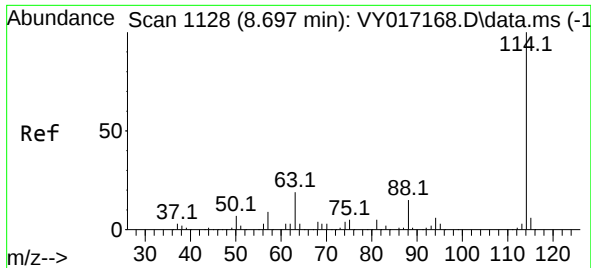
Tgt Ion:168 Resp: 21564
Ion Ratio Lower Upper
168 100
99 60.0 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 43.818 ug/l
RT: 8.148 min Scan# 1038
Delta R.T. 0.000 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

Tgt Ion: 65 Resp: 8441
Ion Ratio Lower Upper
65 100
67 54.0 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: VY017319.D

Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

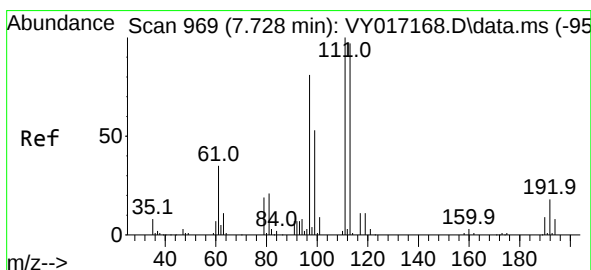
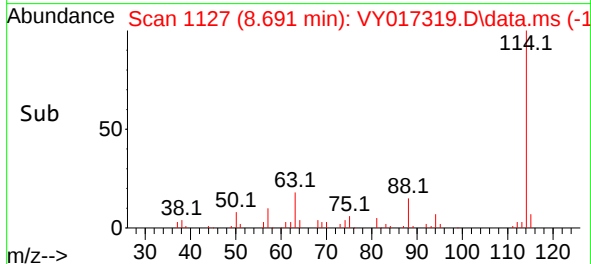
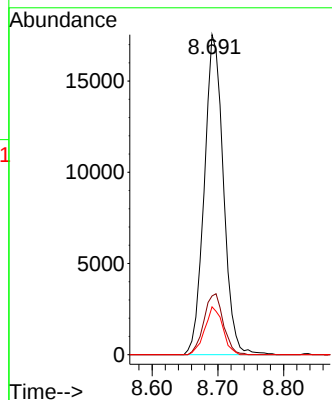
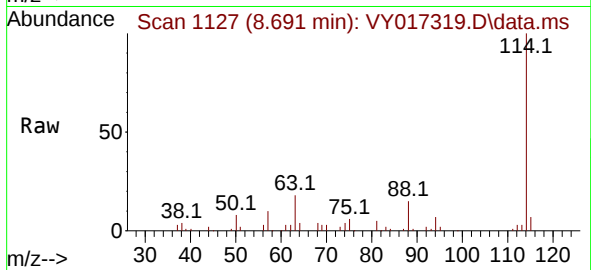
Tgt Ion:114 Resp: 35464

Ion Ratio Lower Upper

114 100

63 18.3 0.0 37.4

88 15.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 48.062 ug/l

RT: 7.716 min Scan# 967

Delta R.T. -0.012 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

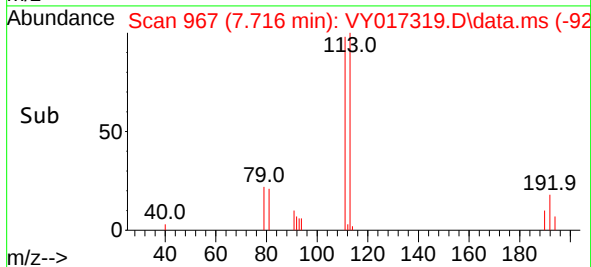
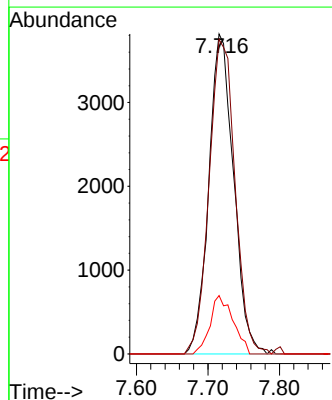
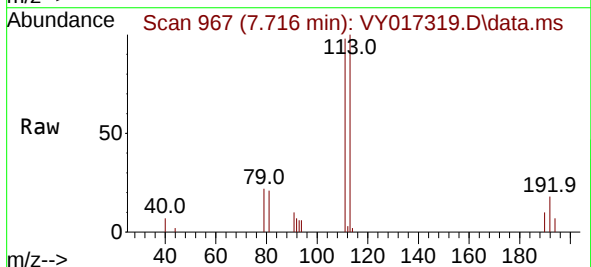
Tgt Ion:113 Resp: 9203

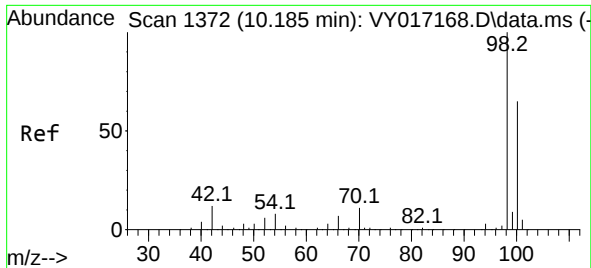
Ion Ratio Lower Upper

113 100

111 102.5 83.8 125.6

192 16.9 14.5 21.7

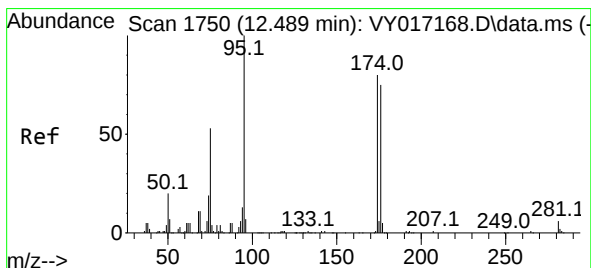
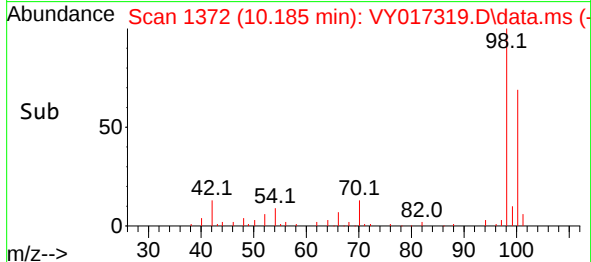
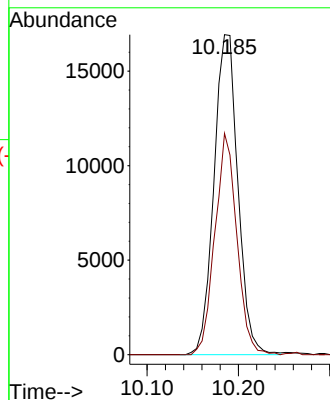
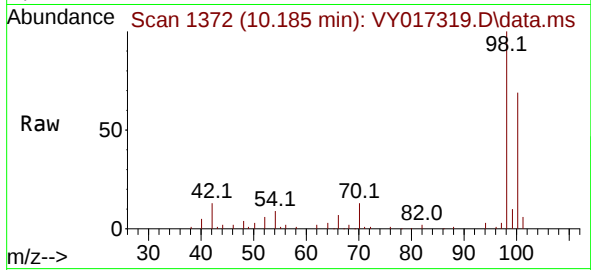




#50
Toluene-d8
Concen: 44.270 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

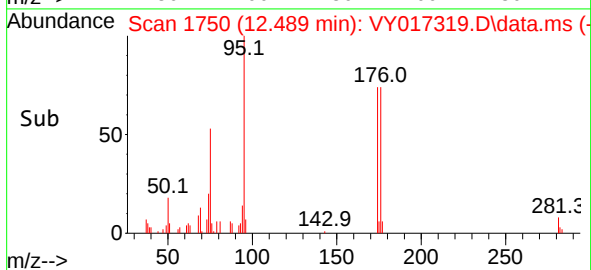
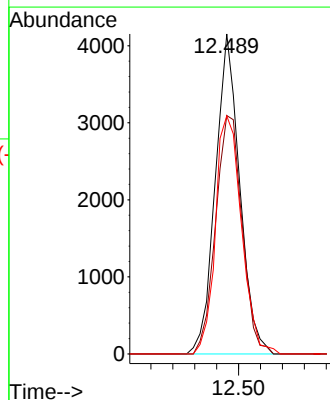
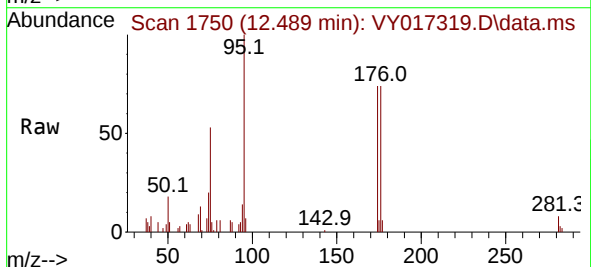
Instrument :
MSVOA_Y
ClientSampleId :
TP-4RE

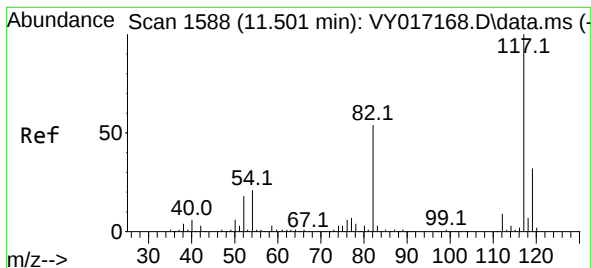
Tgt Ion: 98 Resp: 30864
Ion Ratio Lower Upper
98 100
100 63.4 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 28.032 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.000 min
Lab File: VY017319.D
Acq: 08 Feb 2024 17:46

Tgt Ion: 95 Resp: 6402
Ion Ratio Lower Upper
95 100
174 80.9 0.0 160.0
176 79.7 0.0 151.8





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.495 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017319.D

Acq: 08 Feb 2024 17:46

Instrument :

MSVOA_Y

ClientSampleId :

TP-4RE

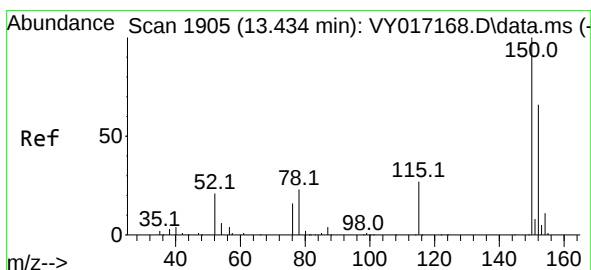
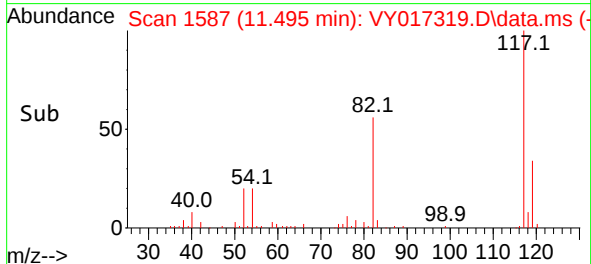
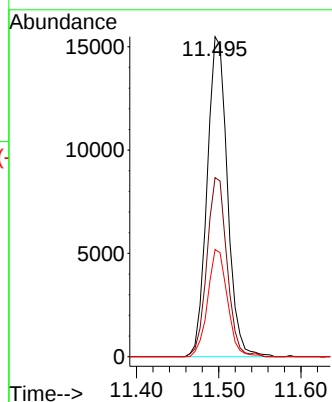
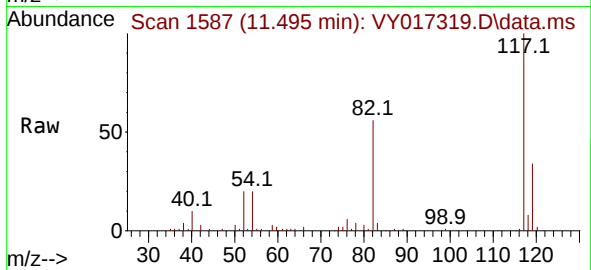
Tgt Ion:117 Resp: 26605

Ion Ratio Lower Upper

117 100

82 56.0 43.8 65.8

119 33.5 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: VY017319.D

Acq: 08 Feb 2024 17:46

Tgt Ion:152 Resp: 7325

Ion Ratio Lower Upper

152 100

115 59.9 30.0 90.0

150 156.6 0.0 344.6

