

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017593.D
 Acq On : 06 Mar 2024 16:38
 Operator : SY/MD
 Sample : P1688-02
 Misc : 3.92g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-2

Quant Time: Mar 07 02:09:12 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	7.783	168	107145	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	192014	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	174857	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	69142	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	55715	54.868	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.740%
35) Dibromofluoromethane	7.710	113	63785	47.671	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.340%
50) Toluene-d8	10.179	98	222333	47.525	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.060%
62) 4-Bromofluorobenzene	12.483	95	61383	41.751	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	83.500%

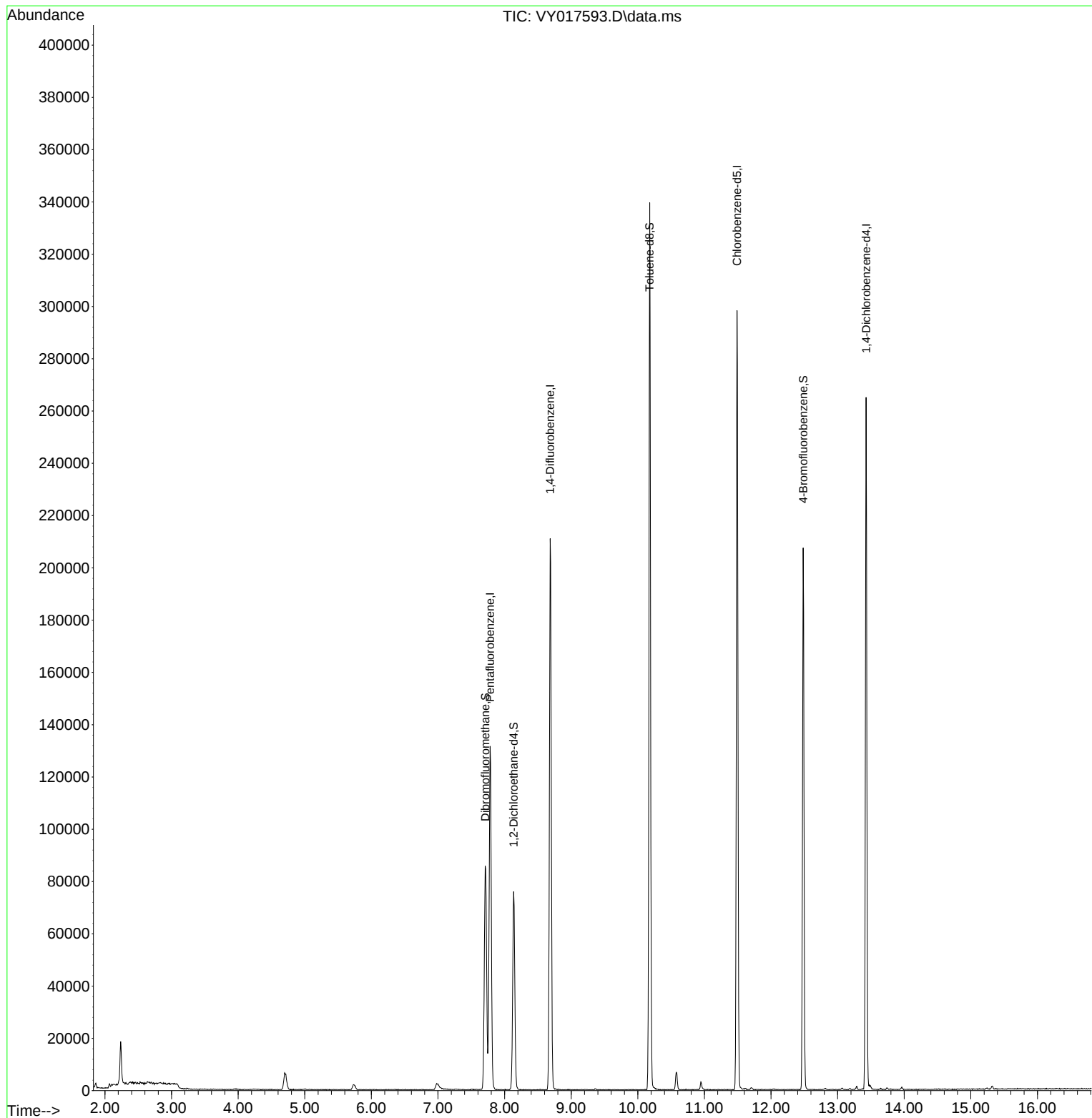
Target Compounds	Qvalue

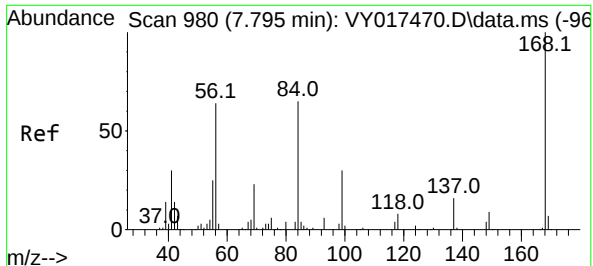
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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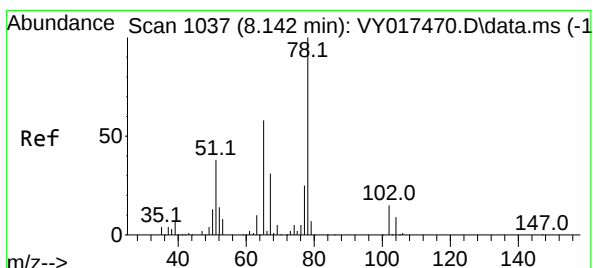
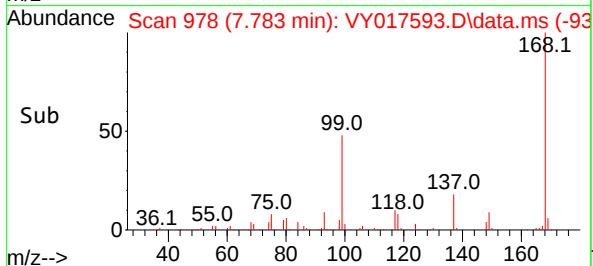
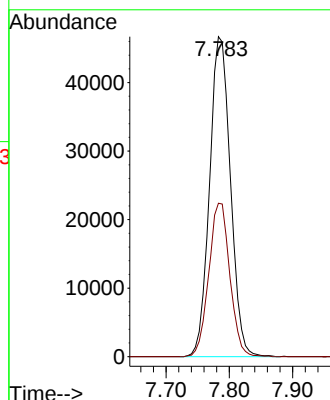
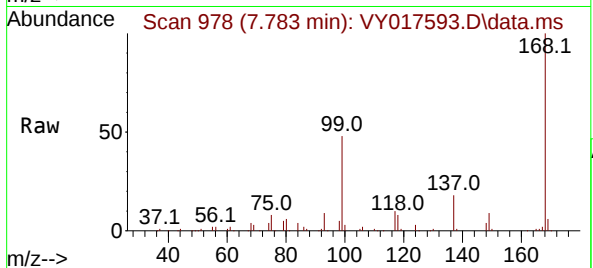




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

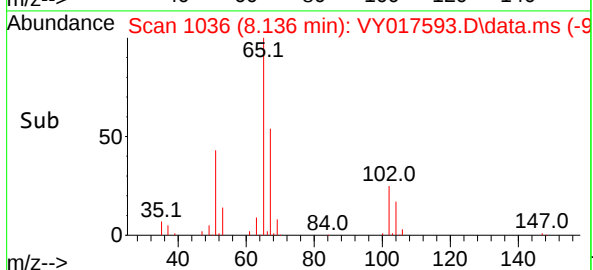
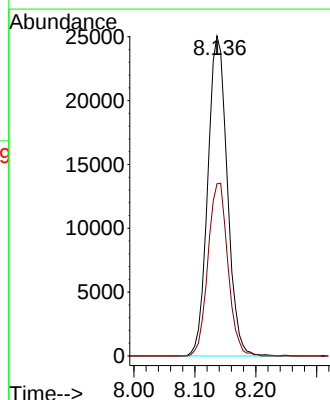
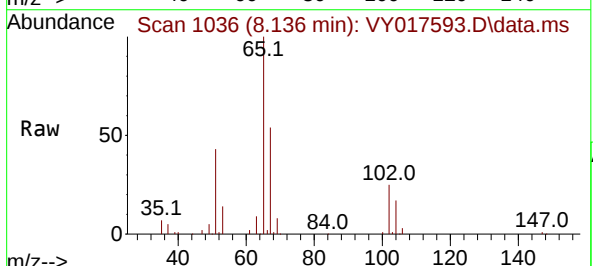
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

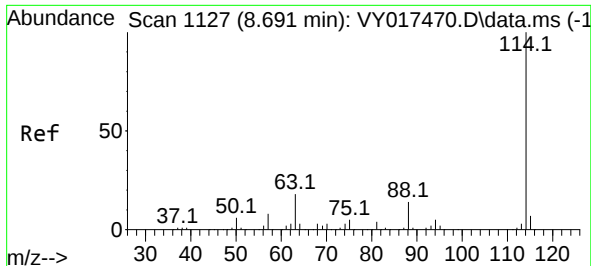
Tgt Ion:168 Resp: 107145
Ion Ratio Lower Upper
168 100
99 48.0 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 54.868 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 65 Resp: 55715
Ion Ratio Lower Upper
65 100
67 55.1 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.685 min Scan# 1126

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

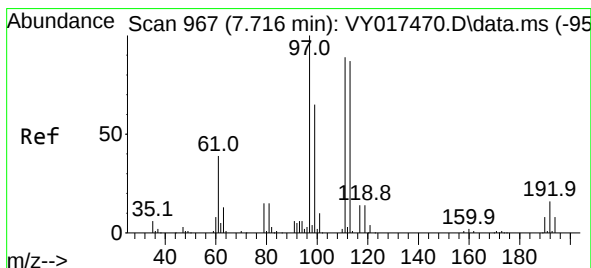
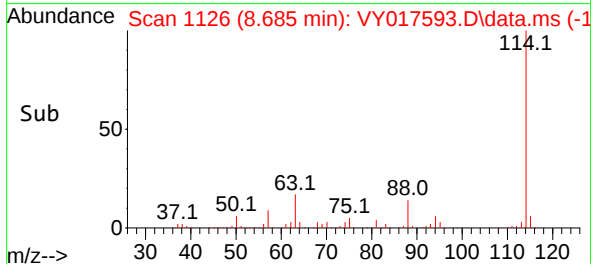
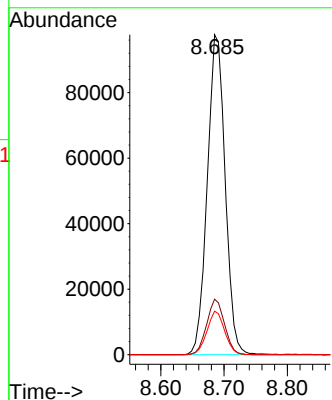
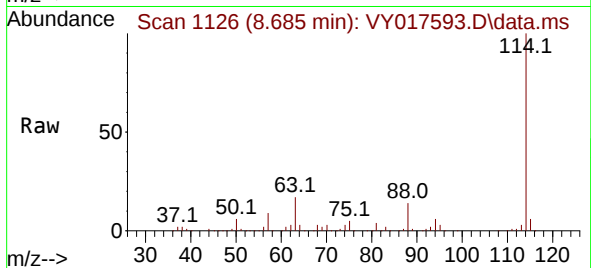
Tgt Ion:114 Resp: 192014

Ion Ratio Lower Upper

114 100

63 17.4 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.671 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

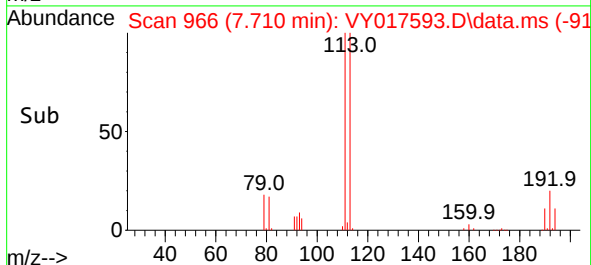
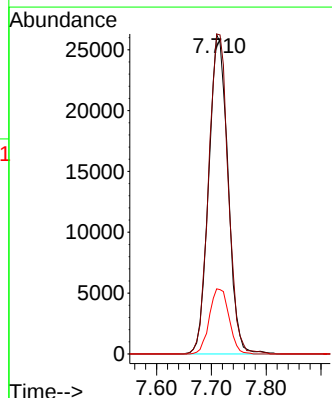
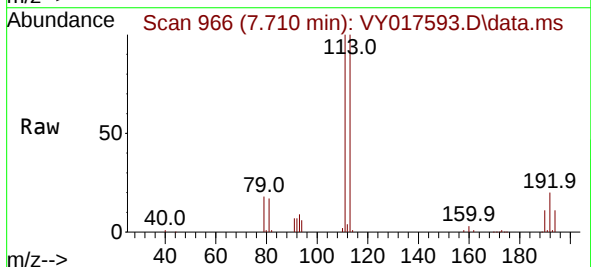
Tgt Ion:113 Resp: 63785

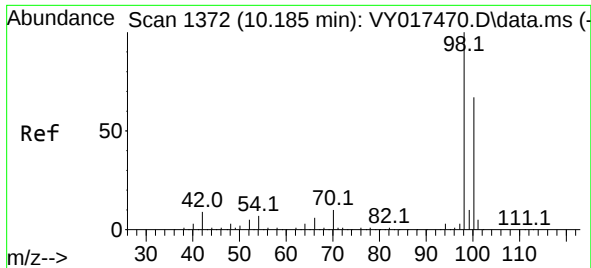
Ion Ratio Lower Upper

113 100

111 101.7 82.2 123.4

192 20.8 15.9 23.9

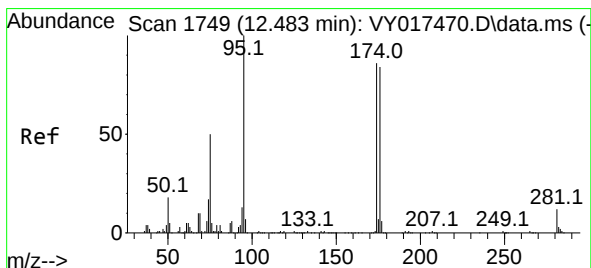
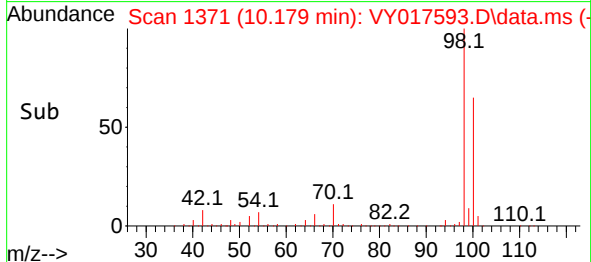
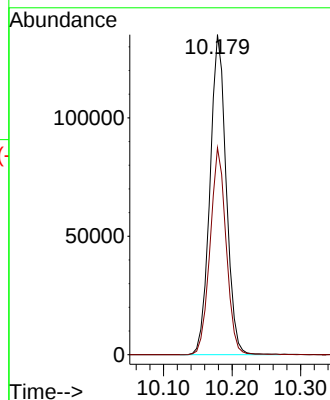
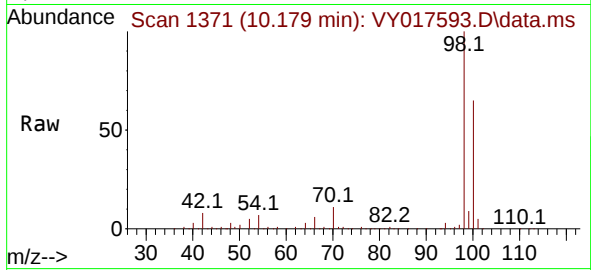




#50
Toluene-d8
Concen: 47.525 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

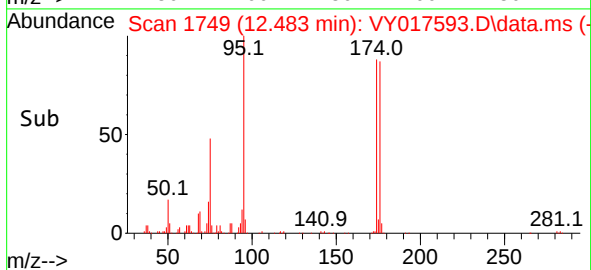
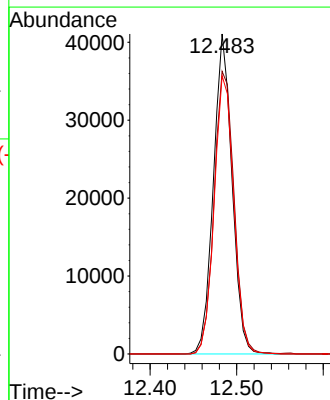
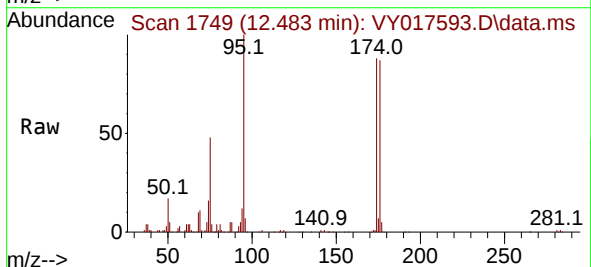
Instrument :
MSVOA_Y
ClientSampleId :
COMP-2

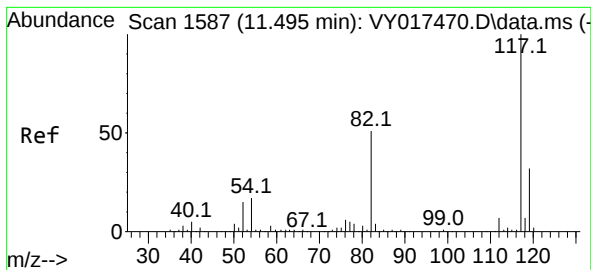
Tgt Ion: 98 Resp: 222333
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 41.751 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017593.D
Acq: 06 Mar 2024 16:38

Tgt Ion: 95 Resp: 61383
Ion Ratio Lower Upper
95 100
174 94.6 0.0 175.6
176 91.1 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.489 min Scan# 11

Delta R.T. -0.006 min

Lab File: VY017593.D

Acq: 06 Mar 2024 16:38

Instrument :

MSVOA_Y

ClientSampleId :

COMP-2

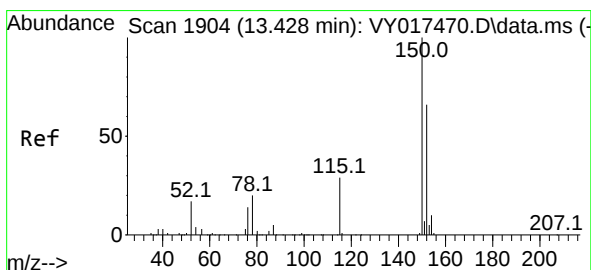
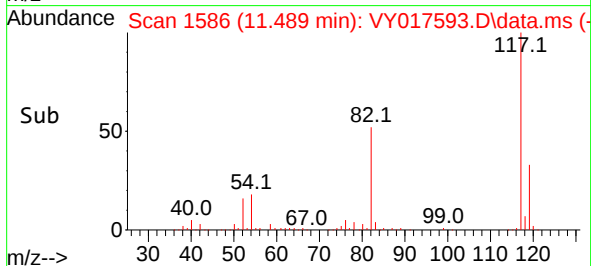
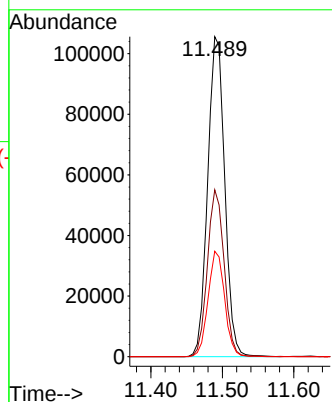
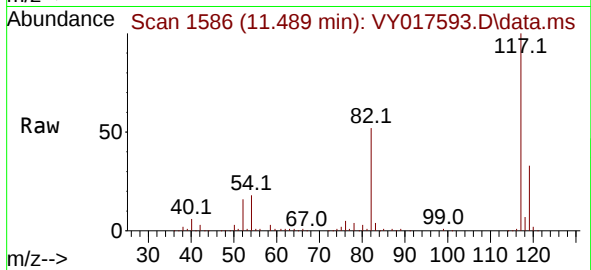
Tgt Ion:117 Resp: 174857

Ion Ratio Lower Upper

117 100

82 52.2 42.4 63.6

119 33.0 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: VY017593.D

Acq: 06 Mar 2024 16:38

Tgt Ion:152 Resp: 69142

Ion Ratio Lower Upper

152 100

115 54.6 28.2 84.7

150 157.9 0.0 345.6

