

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030624\
 Data File : VY017592.D
 Acq On : 06 Mar 2024 16:14
 Operator : SY/MD
 Sample : P1688-01
 Misc : 4.86g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 COMP-1

Quant Time: Mar 07 02:08:51 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	117614	50.000	ug/l	-0.01
34) 1,4-Difluorobenzene	8.685	114	212109	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	188524	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72076	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	67116	60.212	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	120.420%
35) Dibromofluoromethane	7.710	113	70849	47.934	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.860%
50) Toluene-d8	10.179	98	243252	47.071	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.140%
62) 4-Bromofluorobenzene	12.483	95	65886	40.568	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	81.140%

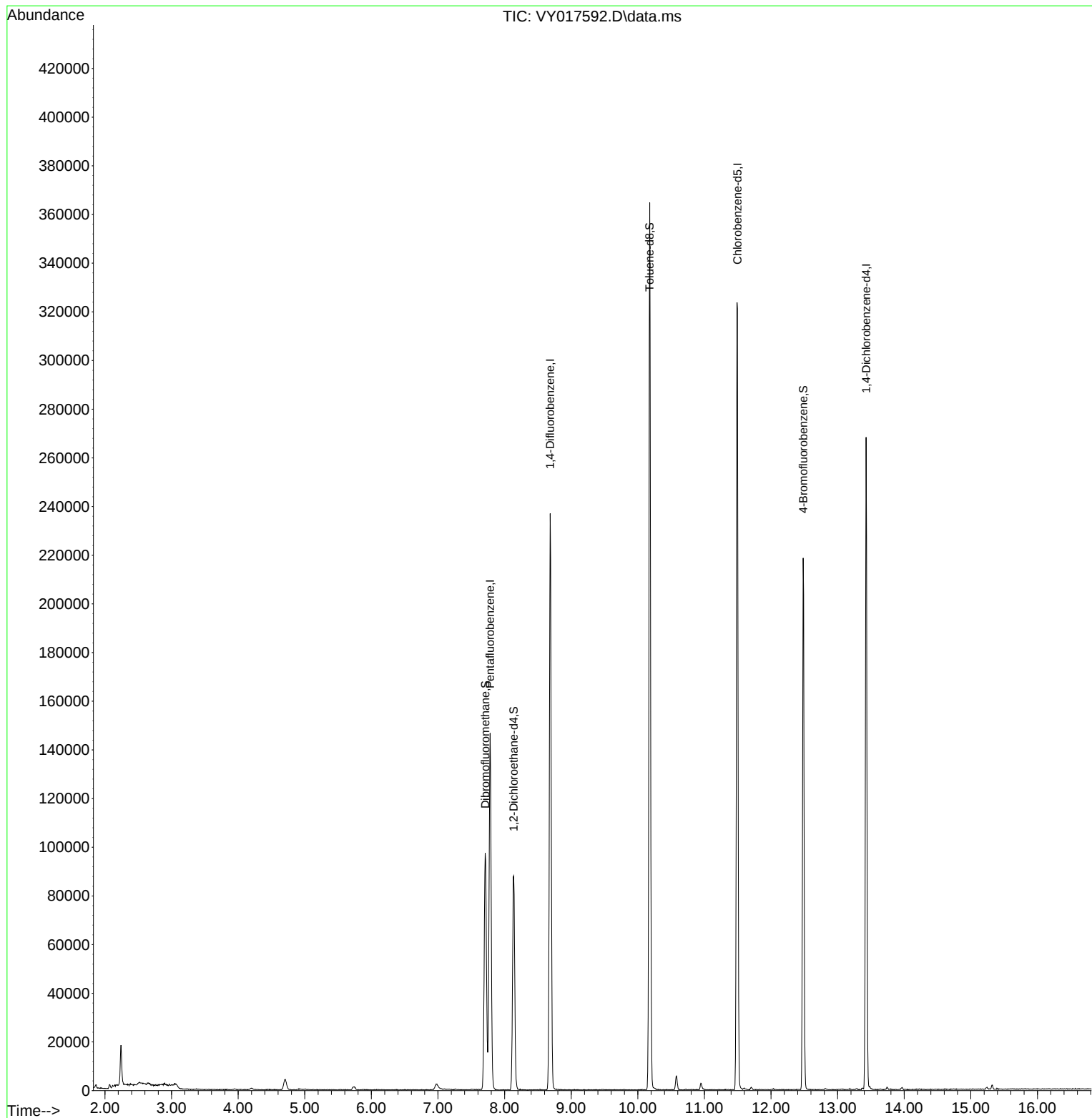
Target Compounds	Qvalue

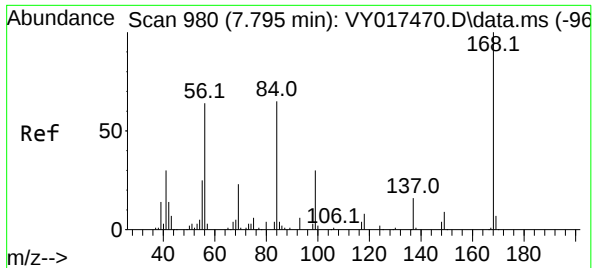
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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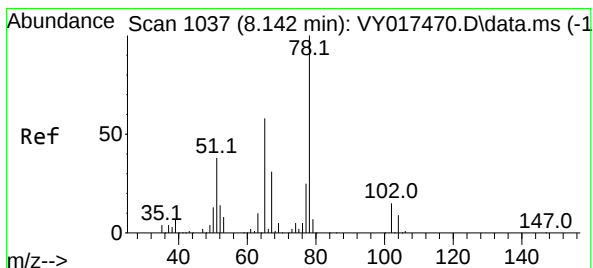
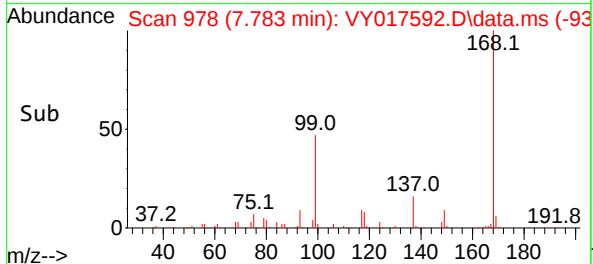
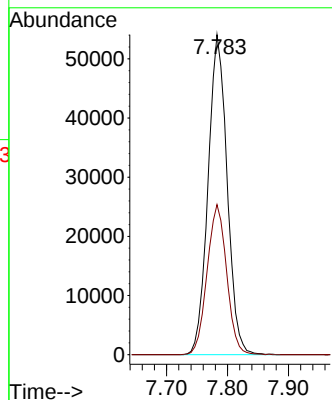
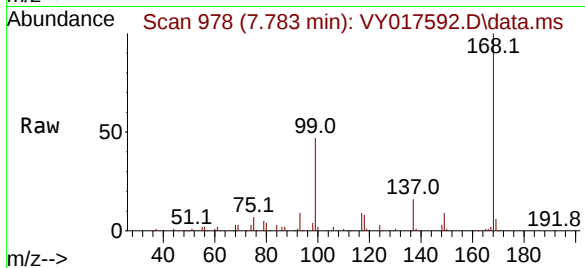




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.783 min Scan# 91
Delta R.T. -0.012 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

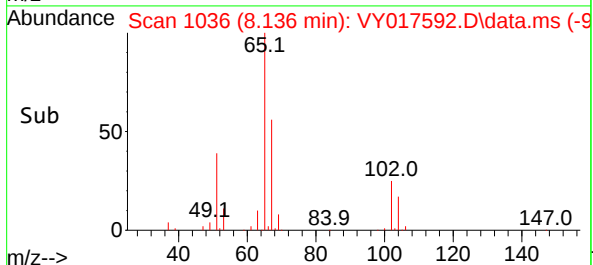
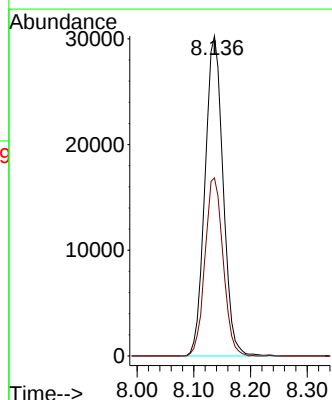
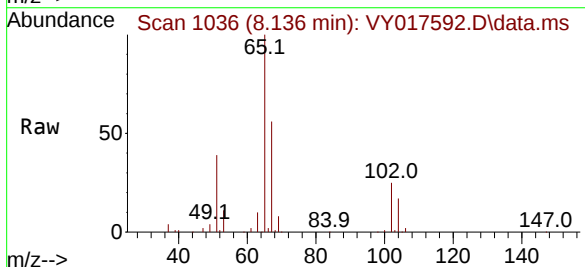
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

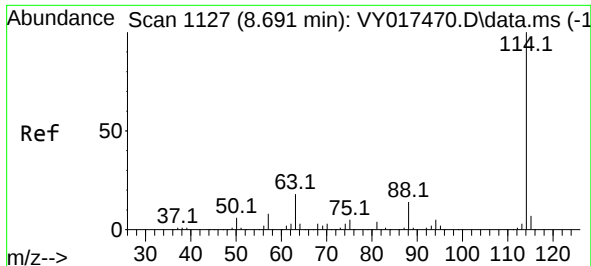
Tgt Ion:168 Resp: 117614
Ion Ratio Lower Upper
168 100
99 46.9 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 60.212 ug/l
RT: 8.136 min Scan# 1036
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 65 Resp: 67116
Ion Ratio Lower Upper
65 100
67 55.7 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: VY017592.D

Acq: 06 Mar 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

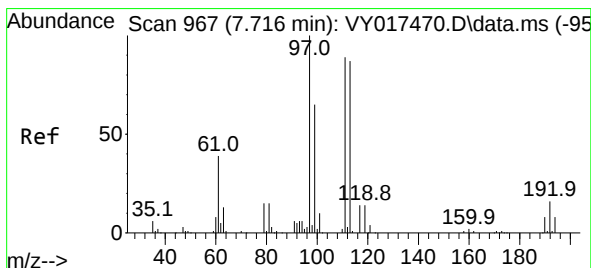
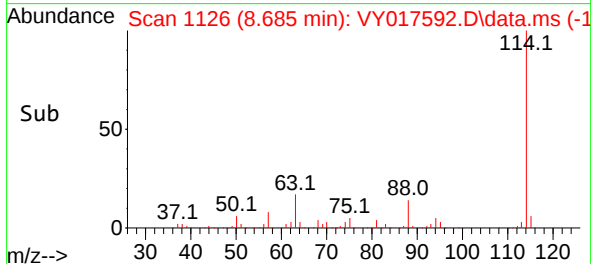
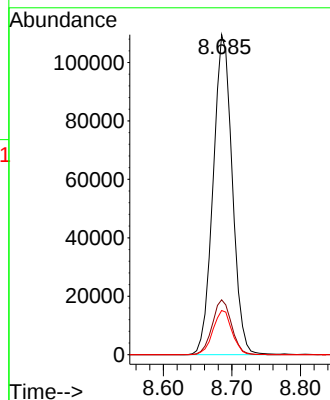
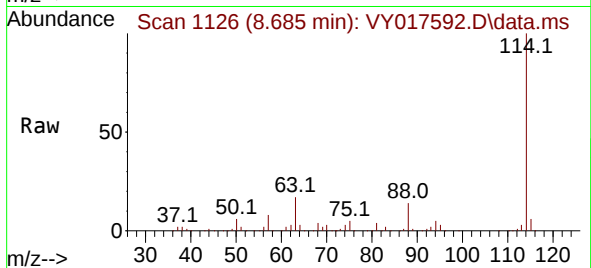
Tgt Ion:114 Resp: 212109

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.934 ug/l

RT: 7.710 min Scan# 966

Delta R.T. -0.006 min

Lab File: VY017592.D

Acq: 06 Mar 2024 16:14

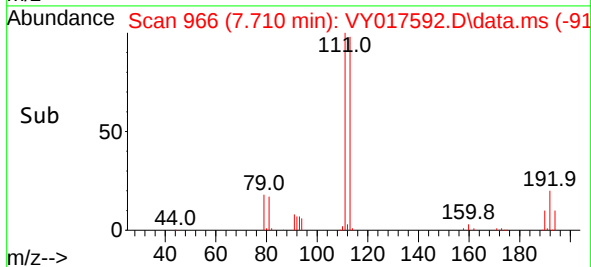
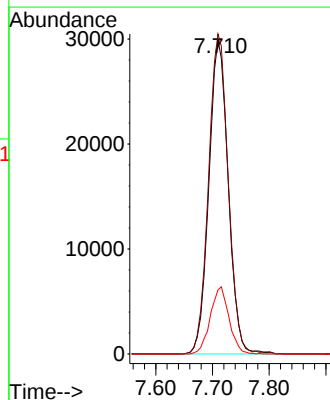
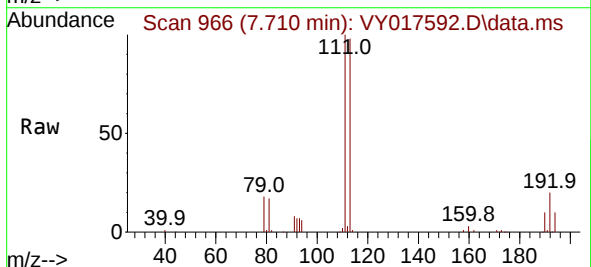
Tgt Ion:113 Resp: 70849

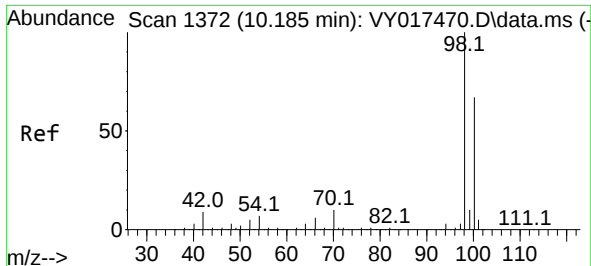
Ion Ratio Lower Upper

113 100

111 103.6 82.2 123.4

192 20.7 15.9 23.9

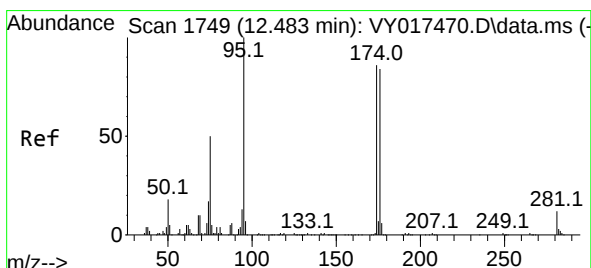
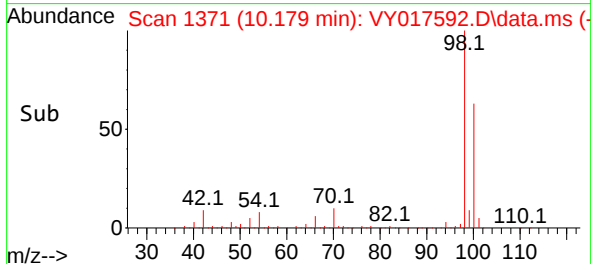
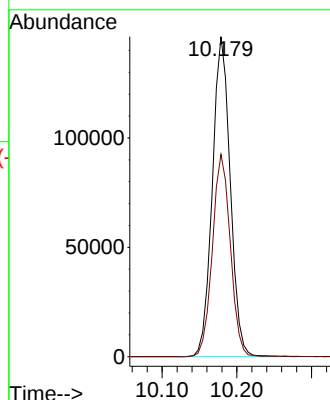
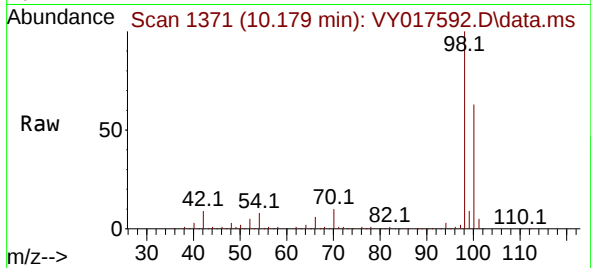




#50
Toluene-d8
Concen: 47.071 ug/l
RT: 10.179 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

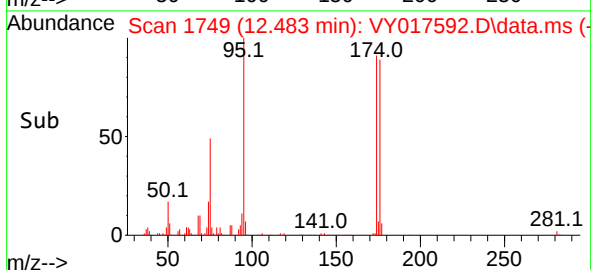
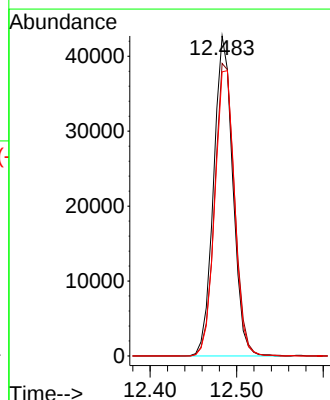
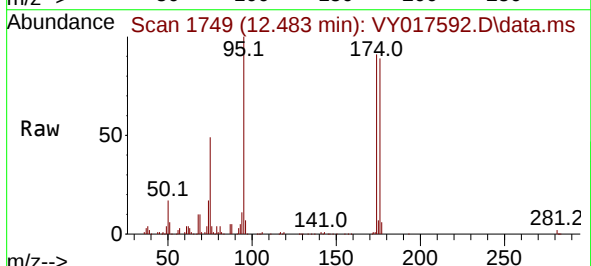
Instrument :
MSVOA_Y
ClientSampleId :
COMP-1

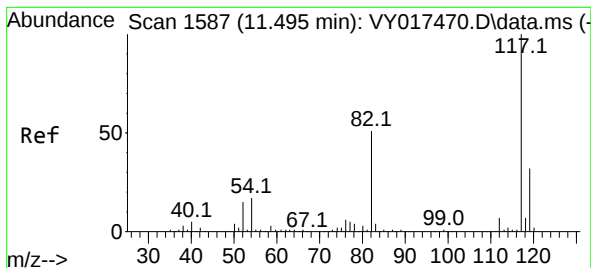
Tgt Ion: 98 Resp: 243252
Ion Ratio Lower Upper
98 100
100 63.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.568 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017592.D
Acq: 06 Mar 2024 16:14

Tgt Ion: 95 Resp: 65886
Ion Ratio Lower Upper
95 100
174 94.1 0.0 175.6
176 91.7 0.0 171.4





#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 11.496 min Scan# 11

Delta R.T. 0.000 min

Lab File: VY017592.D

Acq: 06 Mar 2024 16:14

Instrument :

MSVOA_Y

ClientSampleId :

COMP-1

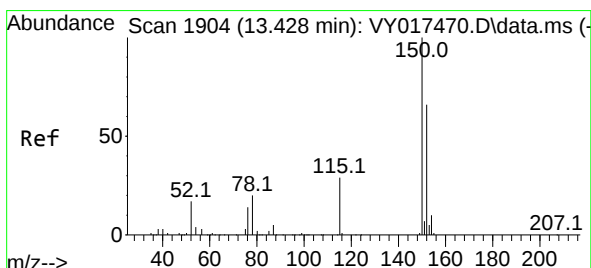
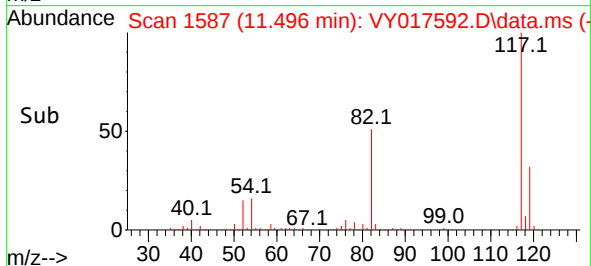
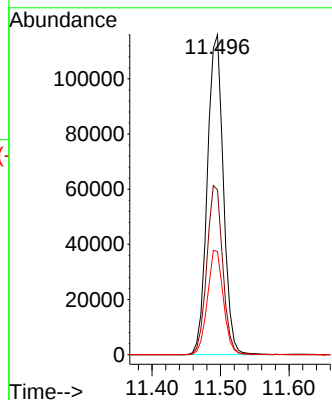
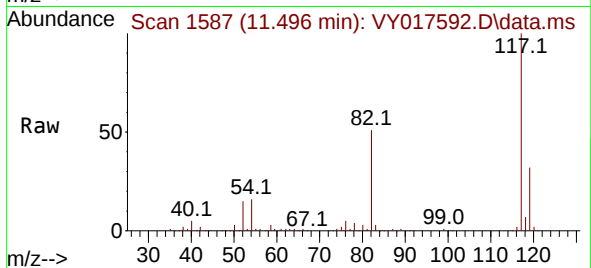
Tgt Ion:117 Resp: 188524

Ion Ratio Lower Upper

117 100

82 51.5 42.4 63.6

119 32.2 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: VY017592.D

Acq: 06 Mar 2024 16:14

Tgt Ion:152 Resp: 72076

Ion Ratio Lower Upper

152 100

115 54.8 28.2 84.7

150 156.9 0.0 345.6

