

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017605.D
 Acq On : 07 Mar 2024 16:20
 Operator : SY/MD
 Sample : P1701-06
 Misc : 11.15g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-3-GRAB

Quant Time: Mar 08 03:26:50 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	7.789	168	107779	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	198444	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	181753	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	72800	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	60627	59.354	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.700%
35) Dibromofluoromethane	7.716	113	65649	47.475	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	94.940%
50) Toluene-d8	10.185	98	229703	47.510	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.020%
62) 4-Bromofluorobenzene	12.489	95	66601	43.832	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	87.660%

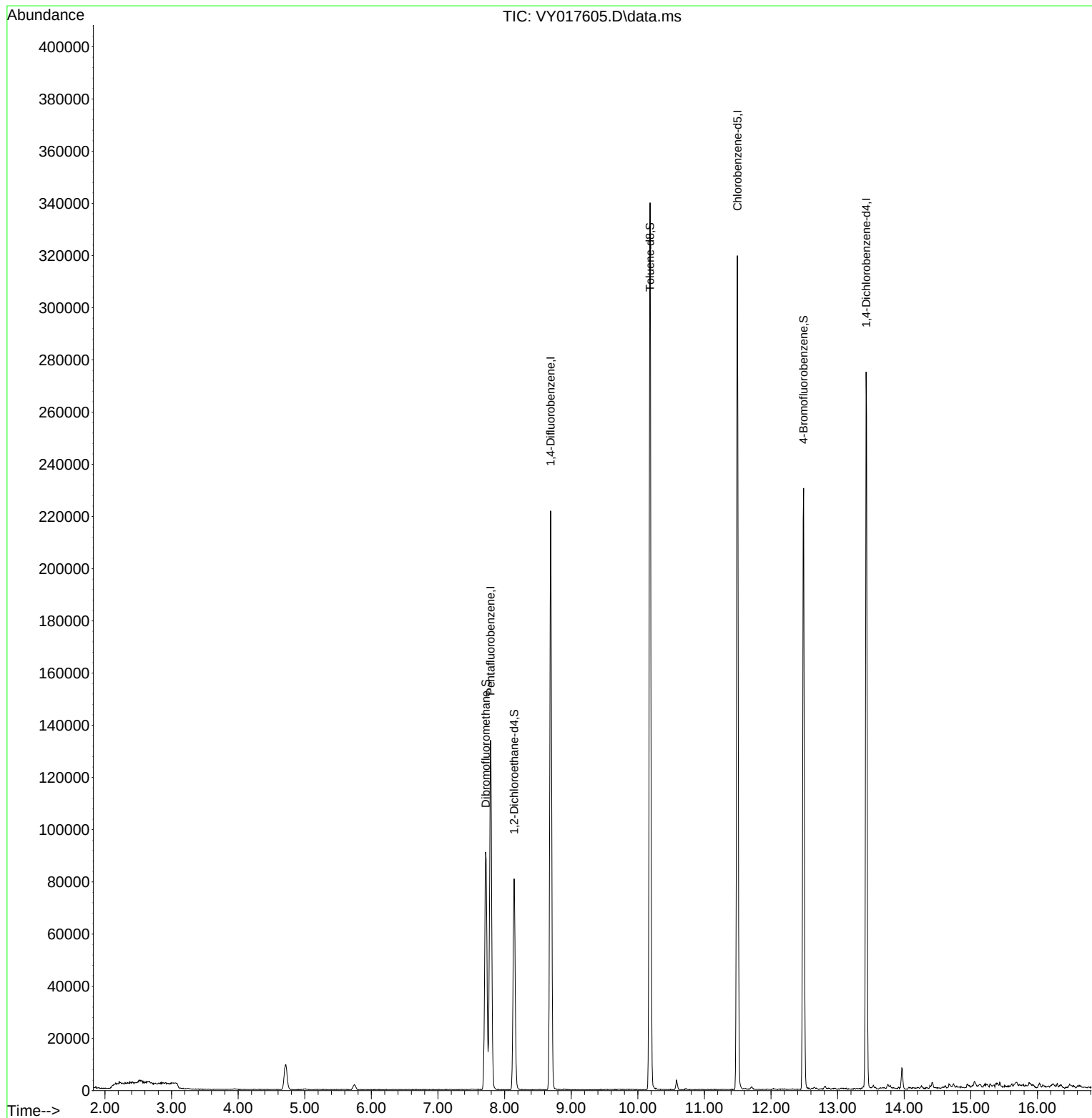
Target Compounds	Qvalue

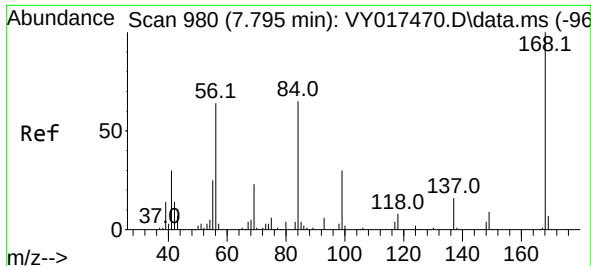
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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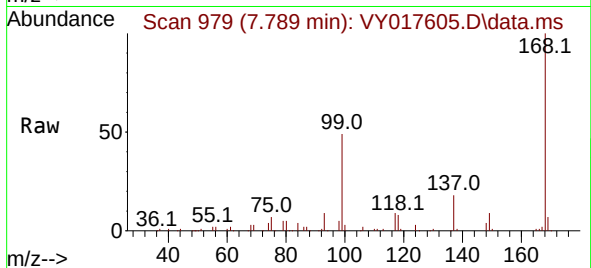
Quant Time: Mar 08 03:26:50 2024
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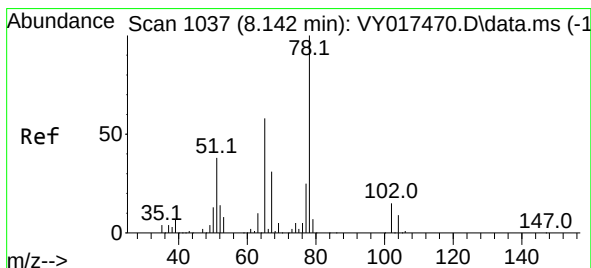
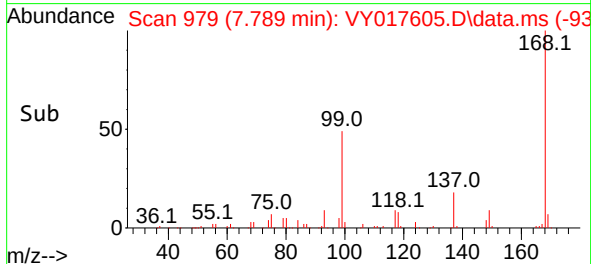
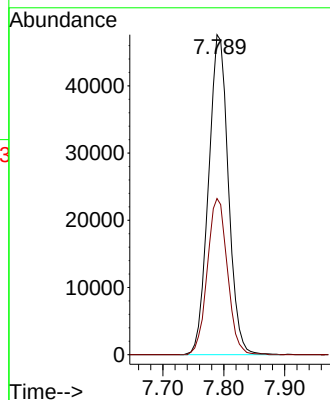


#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

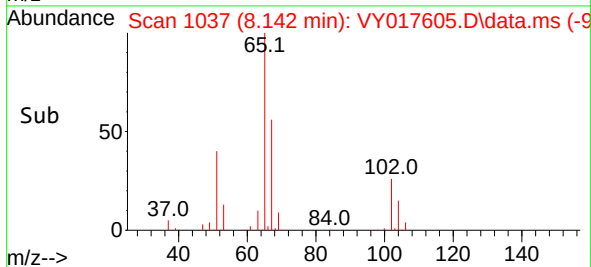
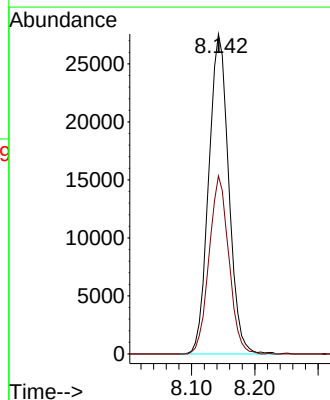
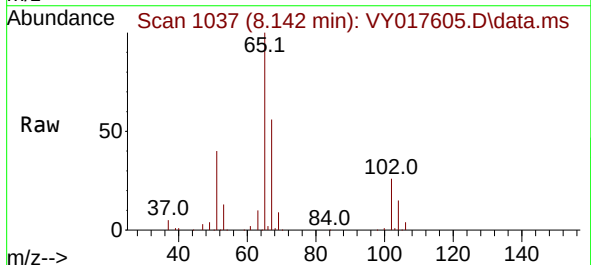


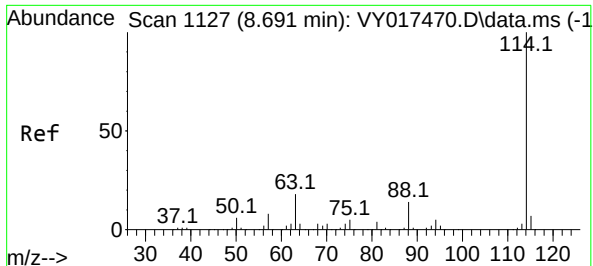
Tgt Ion:168 Resp: 107779
Ion Ratio Lower Upper
168 100
99 48.8 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.354 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion: 65 Resp: 60627
Ion Ratio Lower Upper
65 100
67 54.8 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.691 min Scan# 1127

Delta R.T. 0.000 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3-GRAB

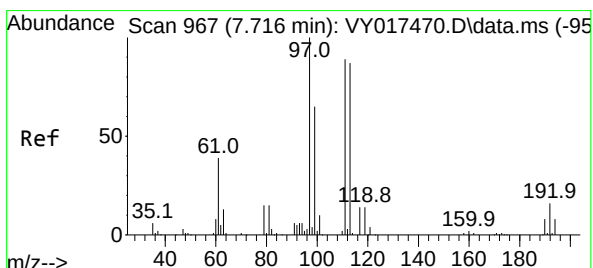
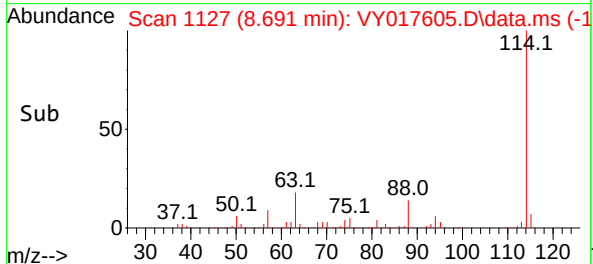
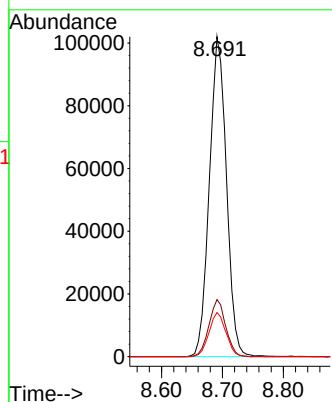
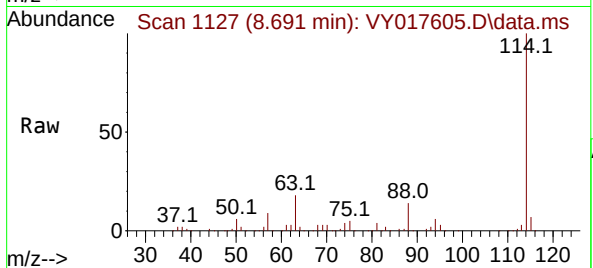
Tgt Ion:114 Resp: 198444

Ion Ratio Lower Upper

114 100

63 17.8 0.0 35.0

88 13.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 47.475 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017605.D

Acq: 07 Mar 2024 16:20

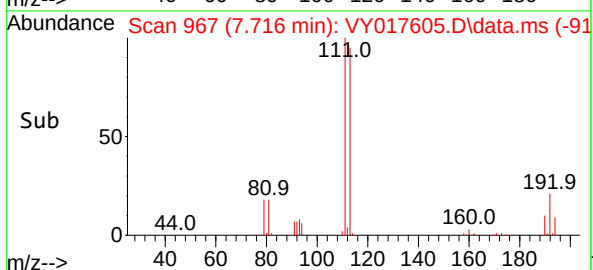
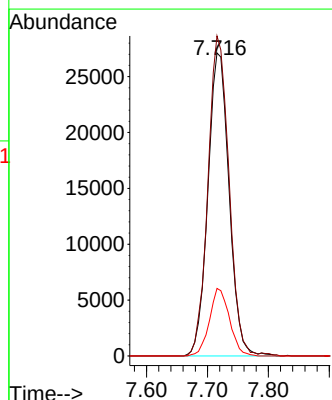
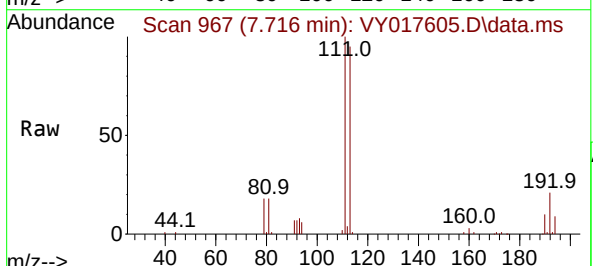
Tgt Ion:113 Resp: 65649

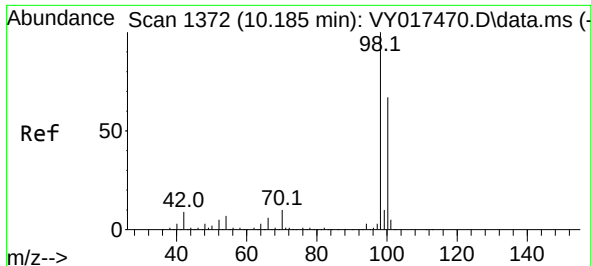
Ion Ratio Lower Upper

113 100

111 104.2 82.2 123.4

192 21.1 15.9 23.9

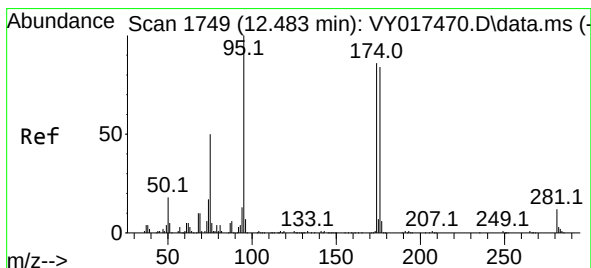
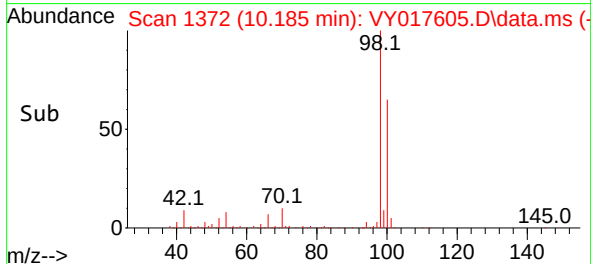
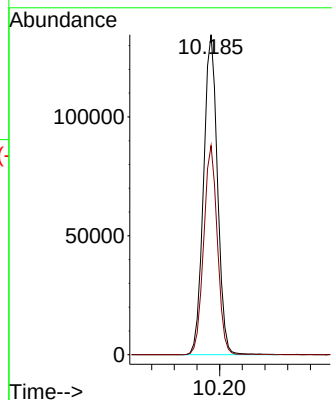
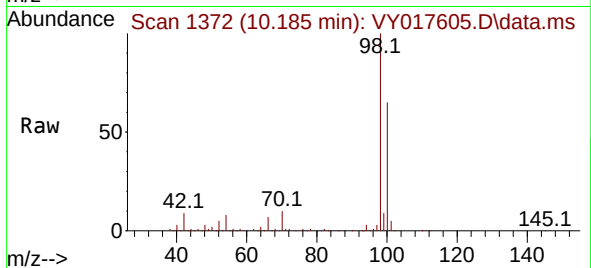




#50
Toluene-d8
Concen: 47.510 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

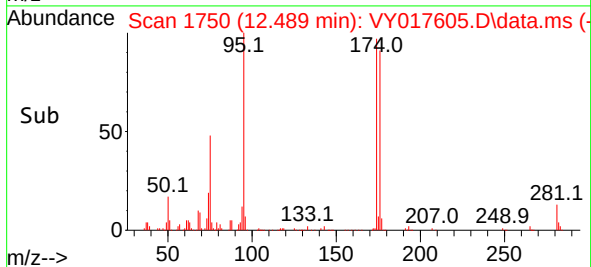
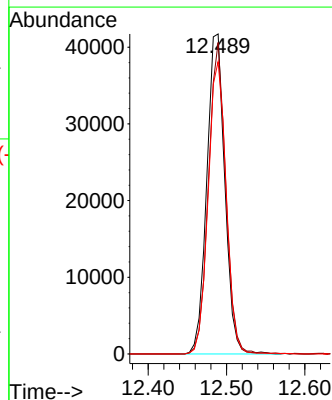
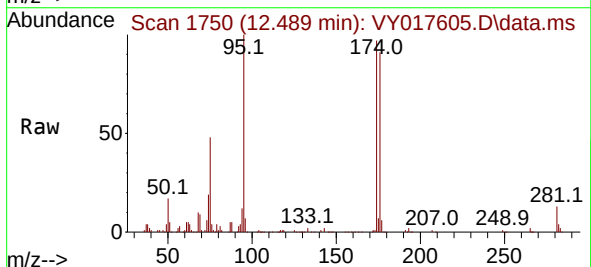
Instrument :
MSVOA_Y
ClientSampleId :
VOC-3-GRAB

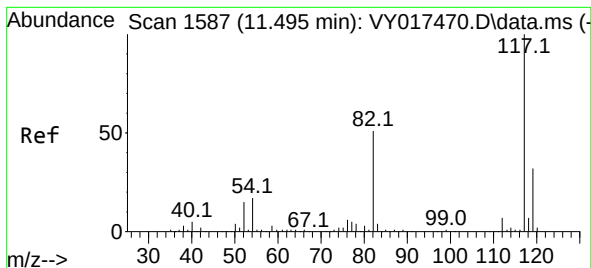
Tgt Ion: 98 Resp: 229703
Ion Ratio Lower Upper
98 100
100 64.1 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 43.832 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017605.D
Acq: 07 Mar 2024 16:20

Tgt Ion: 95 Resp: 66601
Ion Ratio Lower Upper
95 100
174 93.8 0.0 175.6
176 91.4 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: VY017605.D

Acq: 07 Mar 2024 16:20

Instrument :

MSVOA_Y

ClientSampleId :

VOC-3-GRAB

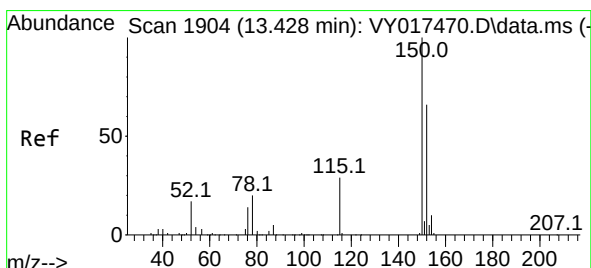
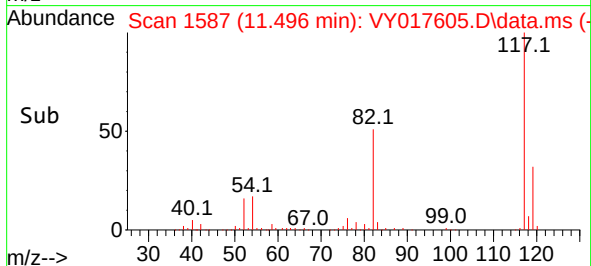
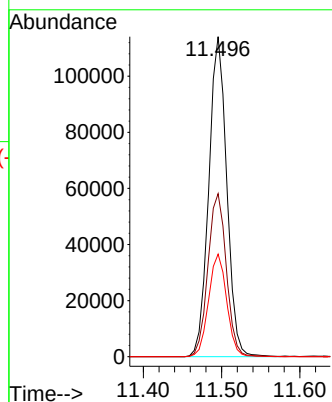
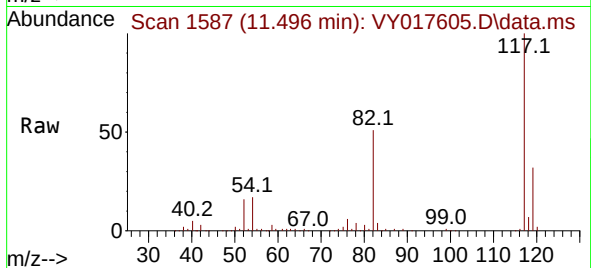
Tgt Ion:117 Resp: 181753

Ion Ratio Lower Upper

117 100

82 50.9 42.4 63.6

119 32.1 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: VY017605.D

Acq: 07 Mar 2024 16:20

Tgt Ion:152 Resp: 72800

Ion Ratio Lower Upper

152 100

115 54.9 28.2 84.7

150 158.4 0.0 345.6

