

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030724\
 Data File : VY017604.D
 Acq On : 07 Mar 2024 15:56
 Operator : SY/MD
 Sample : P1701-05
 Misc : 10.66g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VOC-2-GRAB

Quant Time: Mar 08 03:26:30 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	110307	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	200257	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	180852	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	70715	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	61846	59.159	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	118.320%
35) Dibromofluoromethane	7.716	113	68553	49.126	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	98.260%
50) Toluene-d8	10.185	98	231114	47.369	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	94.740%
62) 4-Bromofluorobenzene	12.489	95	64593	42.125	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	84.260%

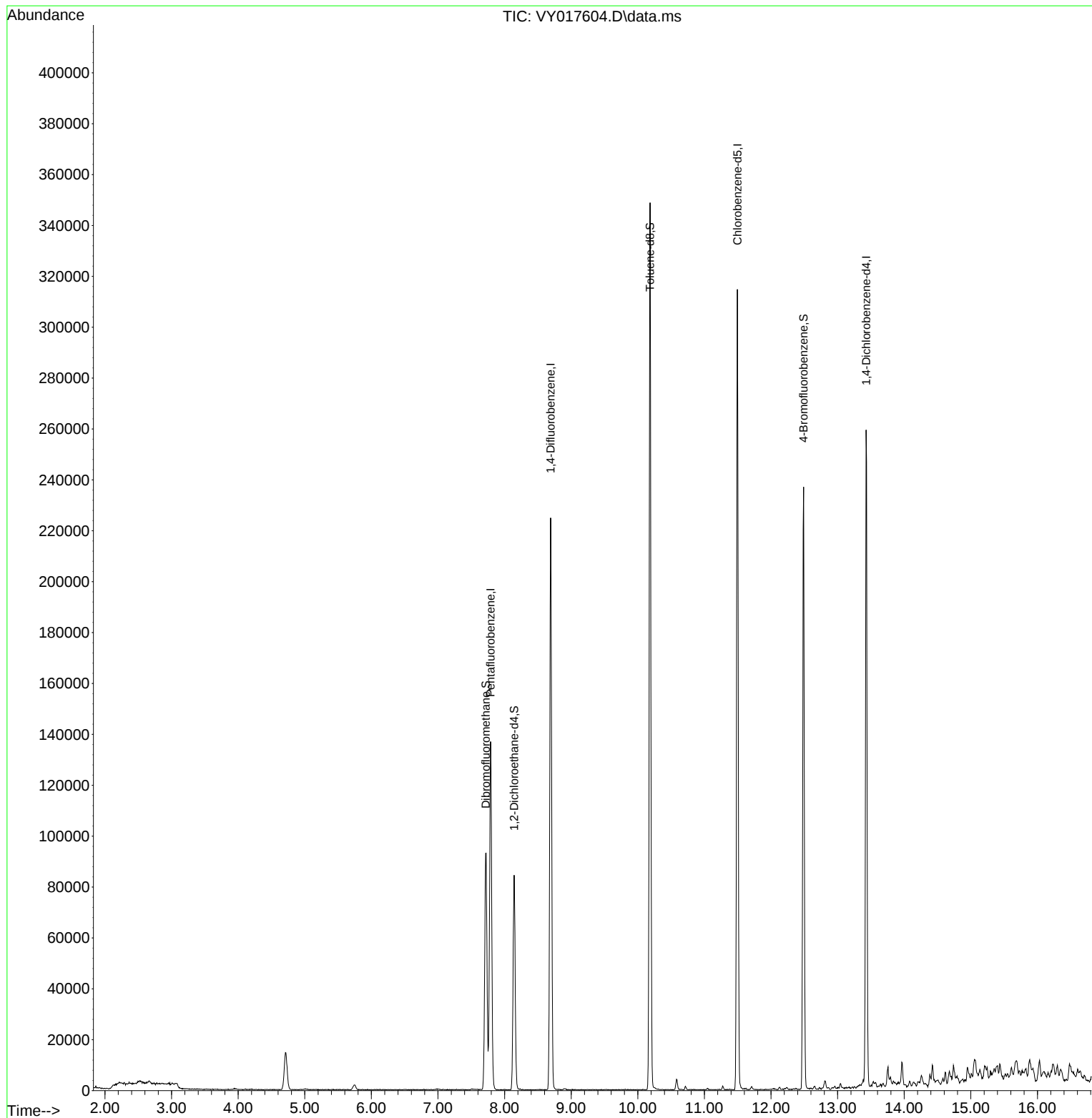
Target Compounds	Qvalue

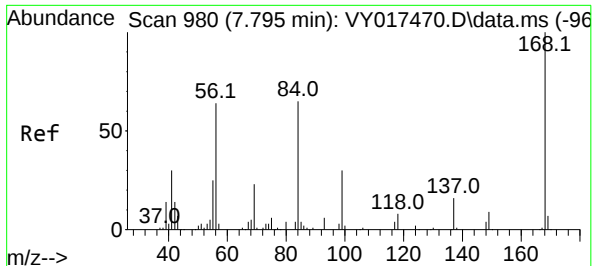
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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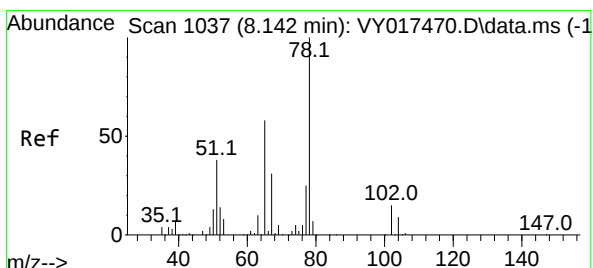
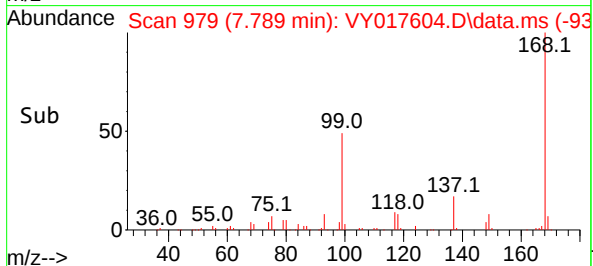
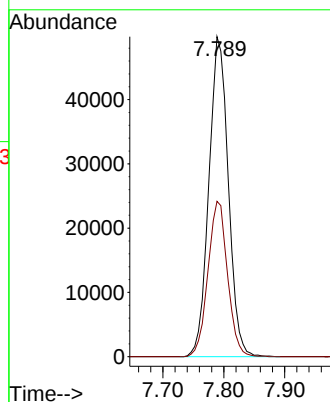
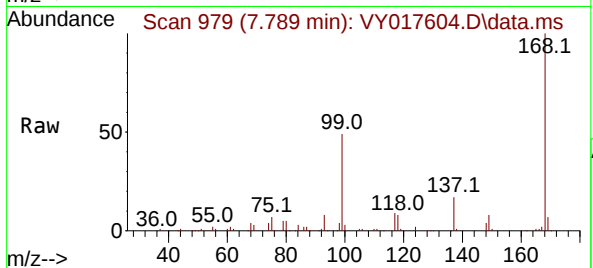




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

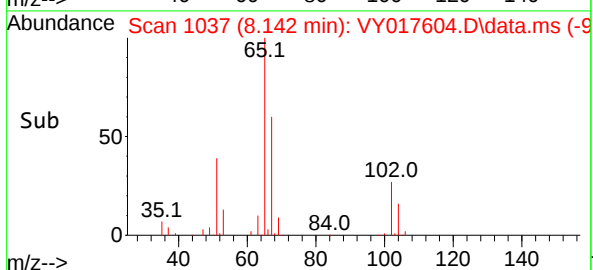
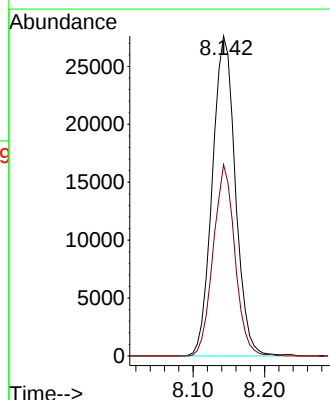
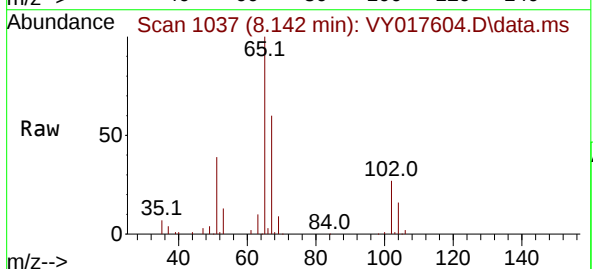
Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

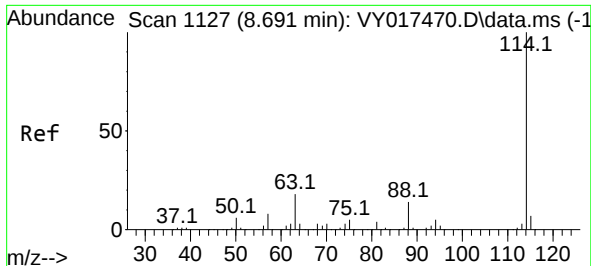
Tgt Ion:168 Resp: 110307
Ion Ratio Lower Upper
168 100
99 48.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 59.159 ug/l
RT: 8.142 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 65 Resp: 61846
Ion Ratio Lower Upper
65 100
67 56.3 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: VY017604.D

Acq: 07 Mar 2024 15:56

Instrument :

MSVOA_Y

ClientSampleId :

VOC-2-GRAB

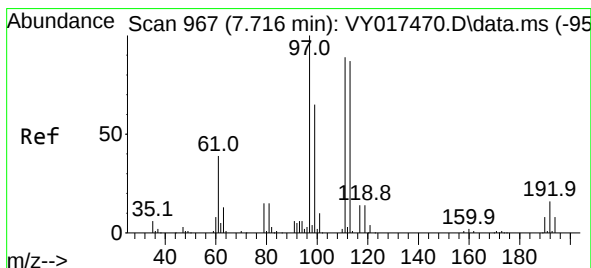
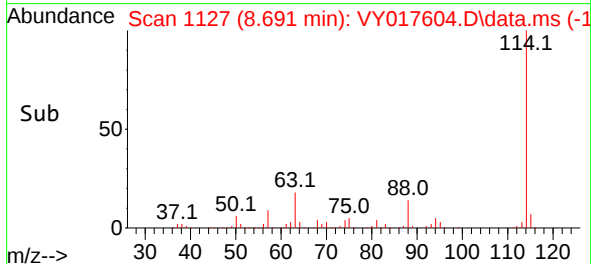
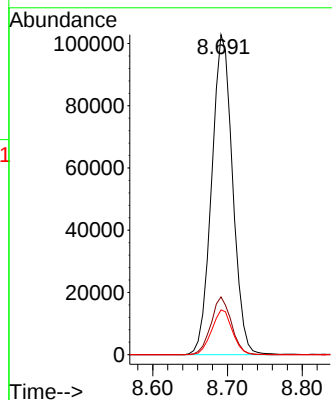
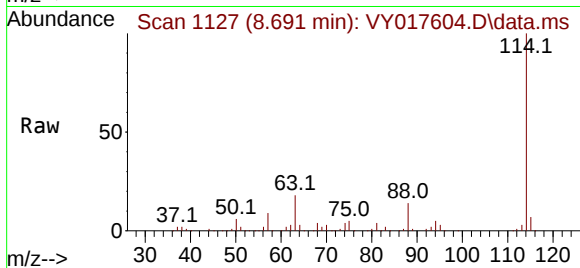
Tgt Ion:114 Resp: 200257

Ion Ratio Lower Upper

114 100

63 18.1 0.0 35.0

88 14.0 0.0 27.2



#35

Dibromofluoromethane

Concen: 49.126 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017604.D

Acq: 07 Mar 2024 15:56

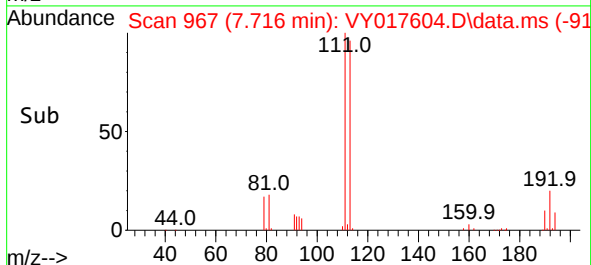
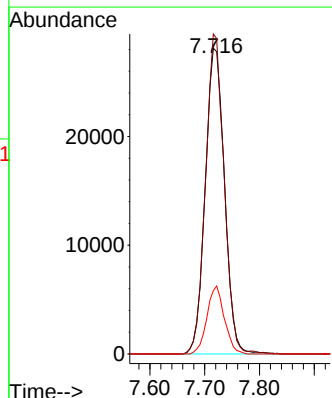
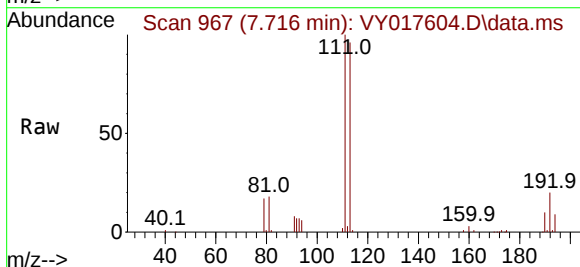
Tgt Ion:113 Resp: 68553

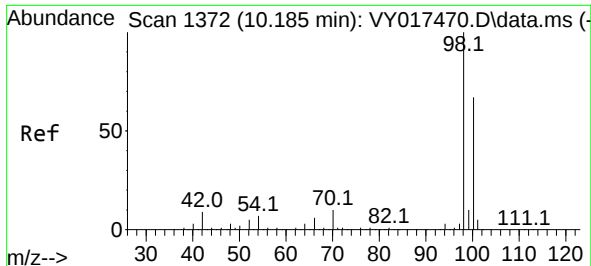
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 20.1 15.9 23.9

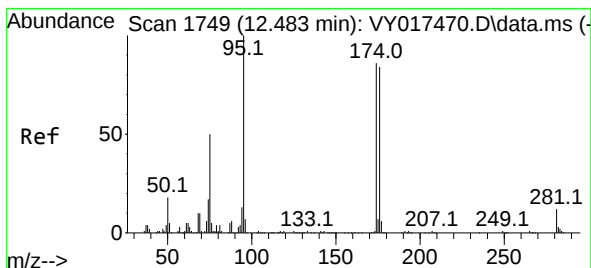
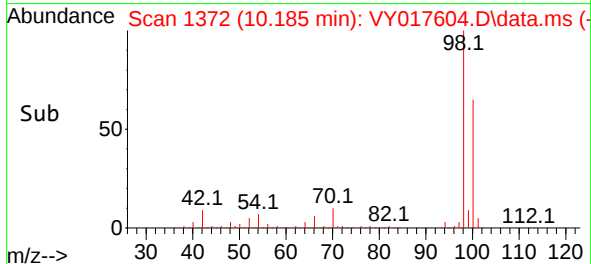
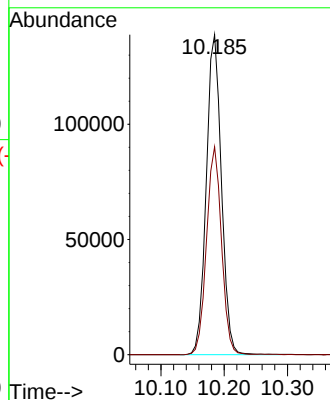
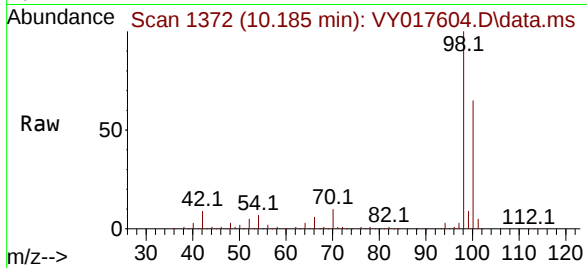




#50
Toluene-d8
Concen: 47.369 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

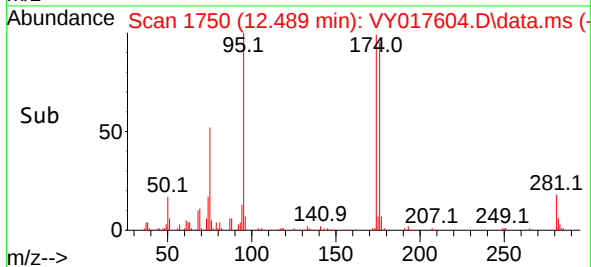
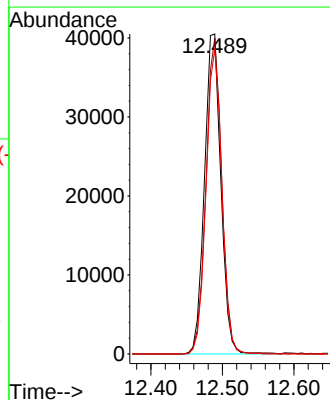
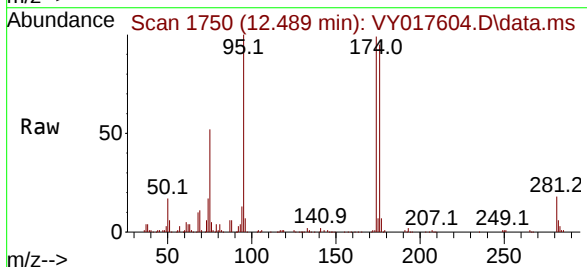
Instrument :
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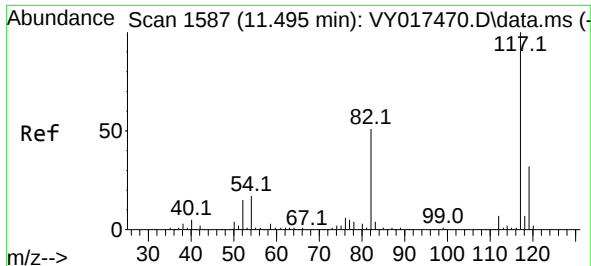
Tgt Ion: 98 Resp: 231114
Ion Ratio Lower Upper
98 100
100 64.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 42.125 ug/l
RT: 12.489 min Scan# 1750
Delta R.T. 0.006 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion: 95 Resp: 64593
Ion Ratio Lower Upper
95 100
174 95.0 0.0 175.6
176 91.9 0.0 171.4

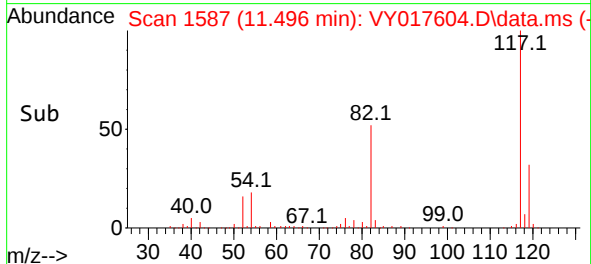
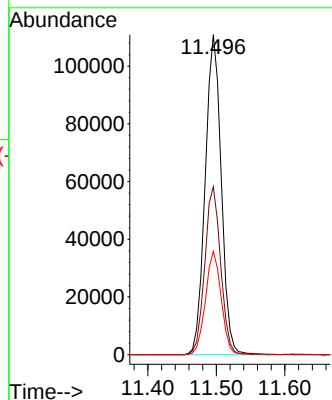
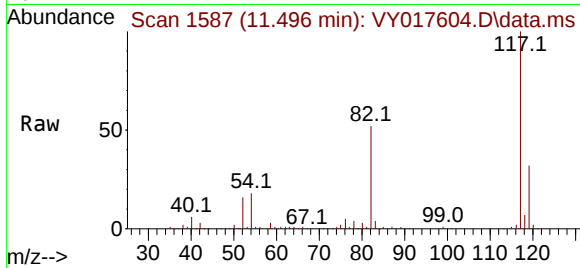




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017604.D
Acq: 07 Mar 2024 15:56

Instrument :
MSVOA_Y
ClientSampleId :
VOC-2-GRAB

Tgt Ion:117 Resp: 180852
Ion Ratio Lower Upper
117 100
82 52.5 42.4 63.6
119 32.3 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: VY017604.D
Acq: 07 Mar 2024 15:56

Tgt Ion:152 Resp: 70715
Ion Ratio Lower Upper
152 100
115 55.2 28.2 84.7
150 156.0 0.0 345.6

