

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030524\
 Data File : VY017564.D
 Acq On : 05 Mar 2024 11:21
 Operator : SY/MD
 Sample : VY0305SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0305SBL01

Quant Time: Mar 05 22:01:47 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	126811	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227326	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	196932	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	74805	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	59344	49.378	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.760%
35) Dibromofluoromethane	7.716	113	72480	45.755	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	91.520%
50) Toluene-d8	10.185	98	257037	46.409	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.820%
62) 4-Bromofluorobenzene	12.483	95	68186	39.174	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	78.340%

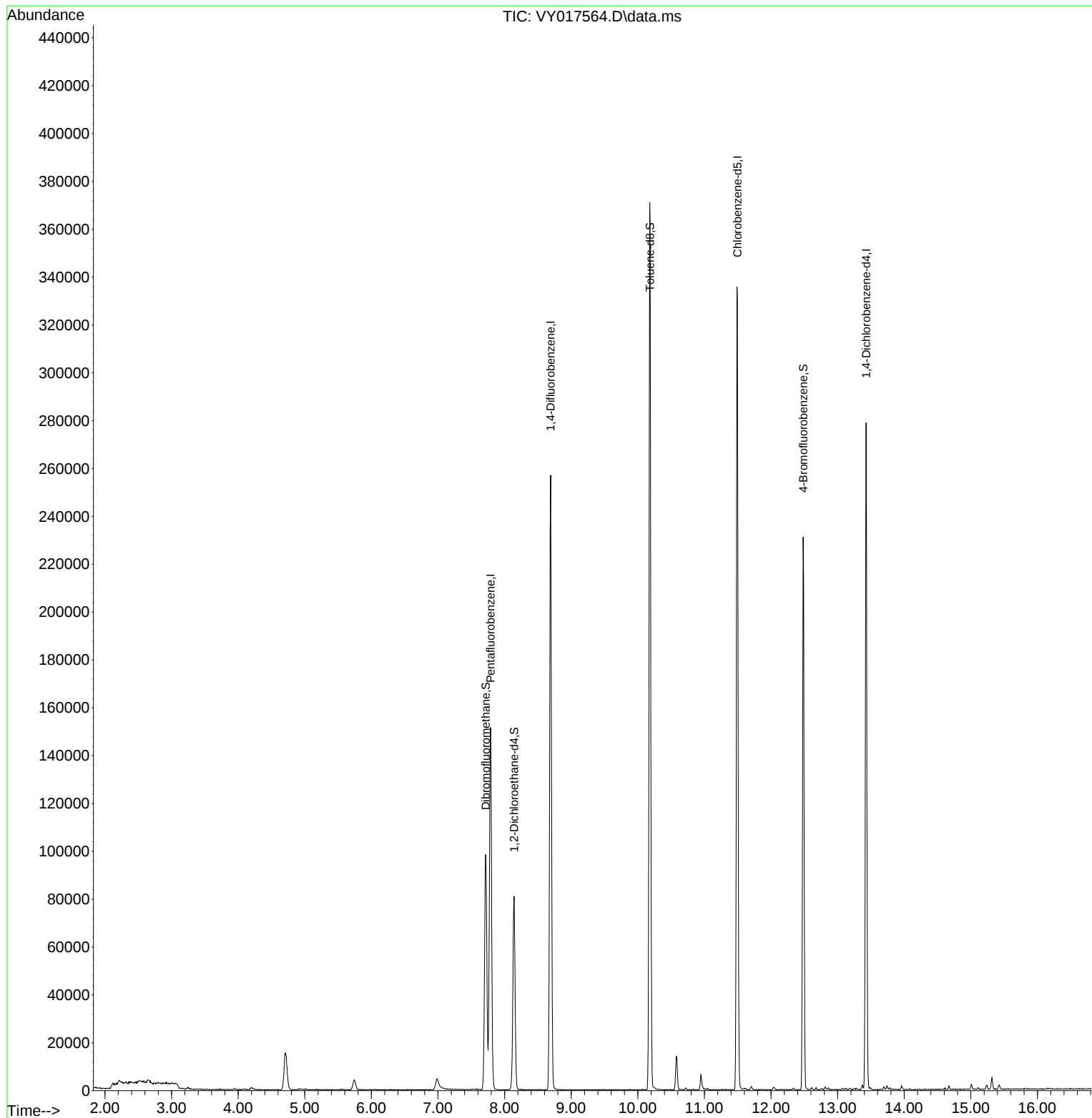
Target Compounds	Qvalue

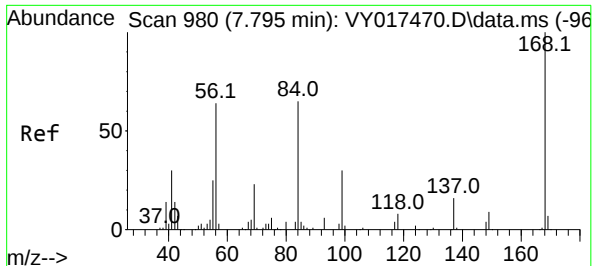
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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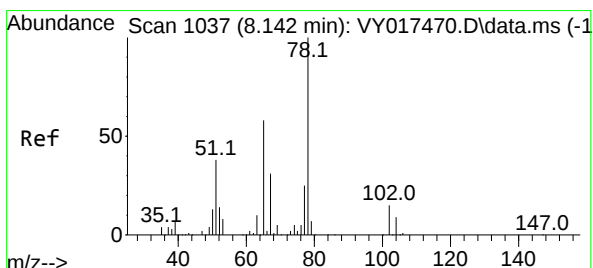
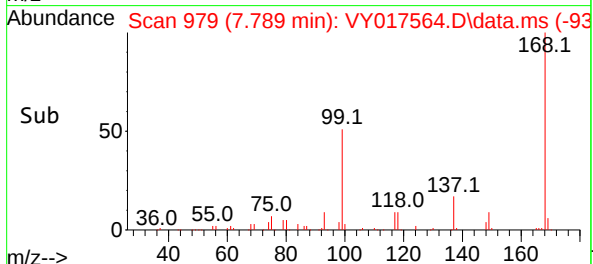
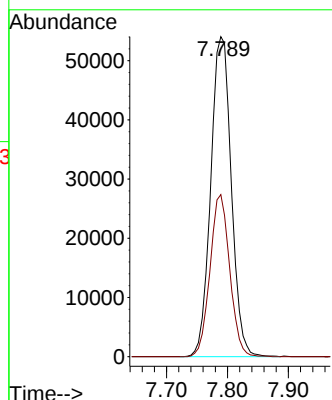
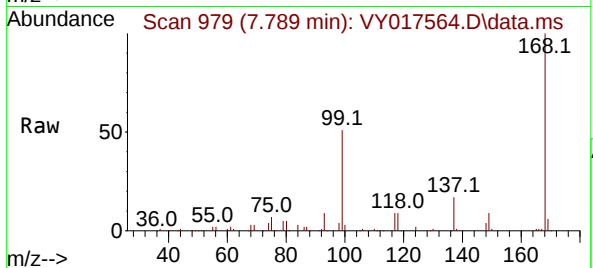




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.789 min Scan# 91
Delta R.T. -0.006 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

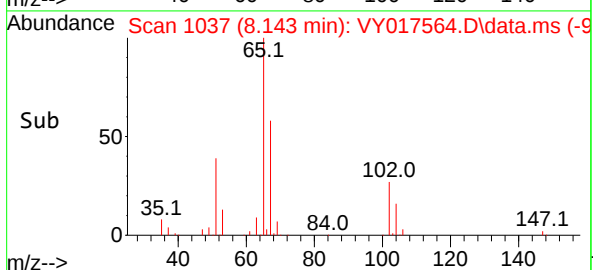
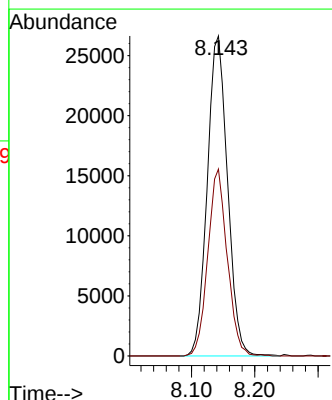
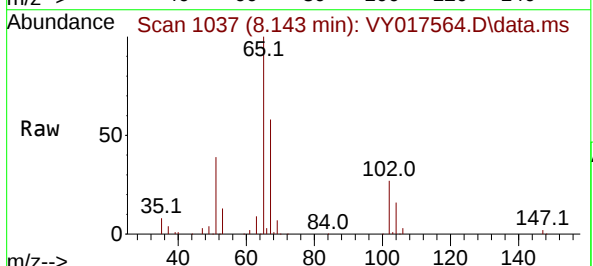
Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

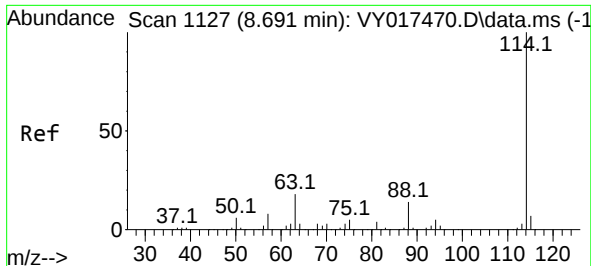
Tgt Ion:168 Resp: 126811
Ion Ratio Lower Upper
168 100
99 50.6 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.378 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 65 Resp: 59344
Ion Ratio Lower Upper
65 100
67 56.0 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: VY017564.D

Acq: 05 Mar 2024 11:21

Instrument :

MSVOA_Y

ClientSampleId :

VY0305SBL01

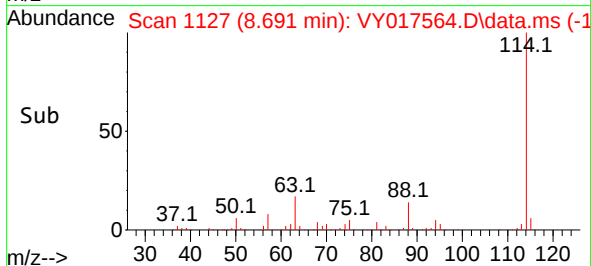
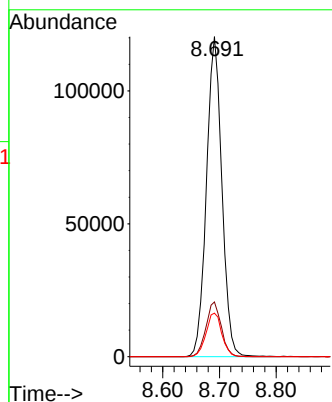
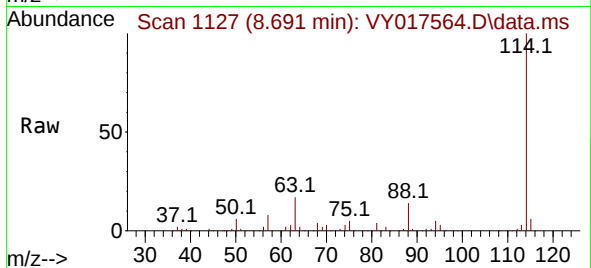
Tgt Ion:114 Resp: 227326

Ion Ratio Lower Upper

114 100

63 17.1 0.0 35.0

88 13.6 0.0 27.2



#35

Dibromofluoromethane

Concen: 45.755 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017564.D

Acq: 05 Mar 2024 11:21

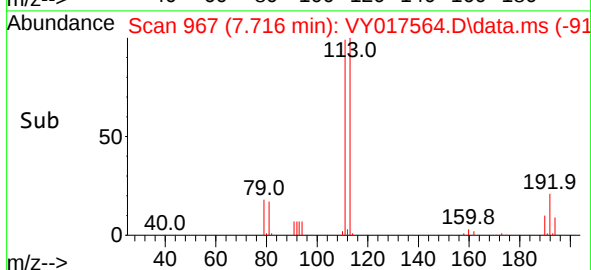
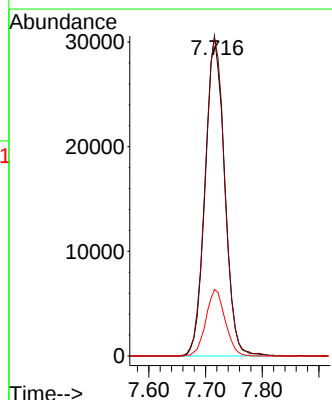
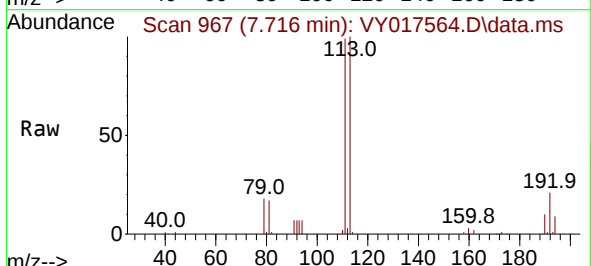
Tgt Ion:113 Resp: 72480

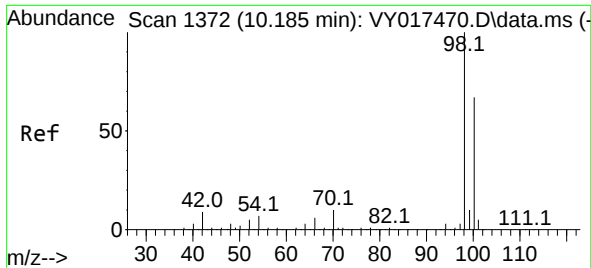
Ion Ratio Lower Upper

113 100

111 101.6 82.2 123.4

192 20.7 15.9 23.9

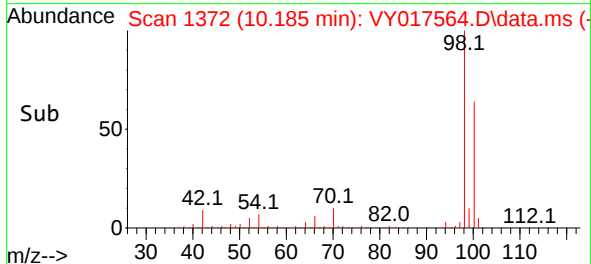
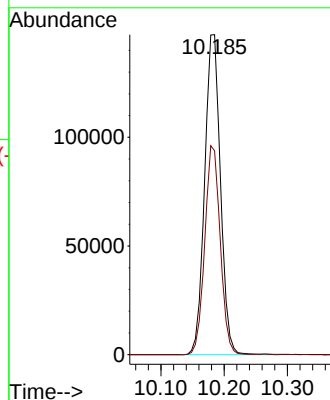
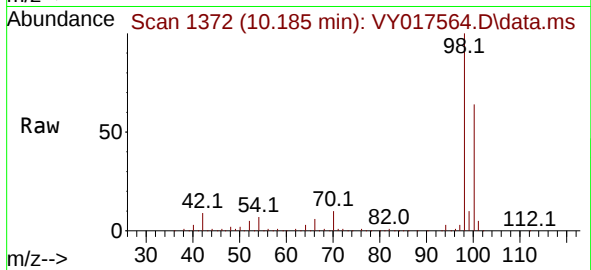




#50
Toluene-d8
Concen: 46.409 ug/l
RT: 10.185 min Scan# 1372
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

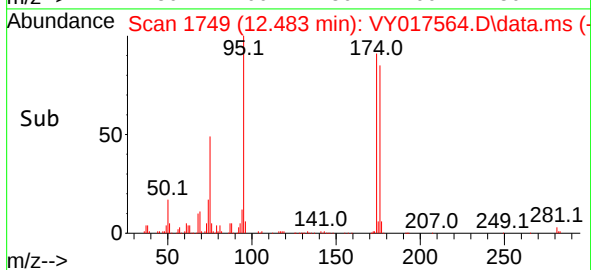
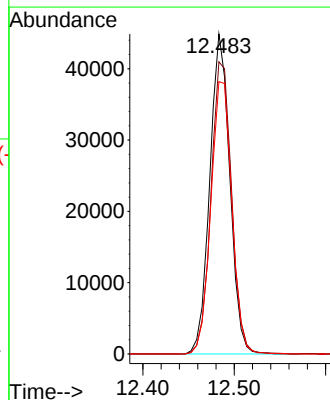
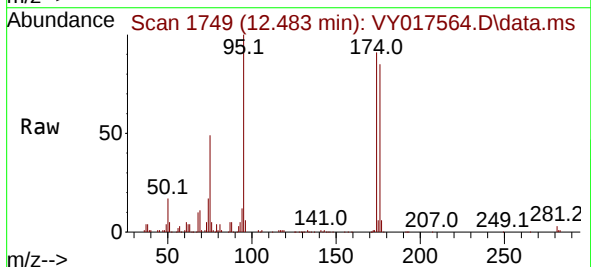
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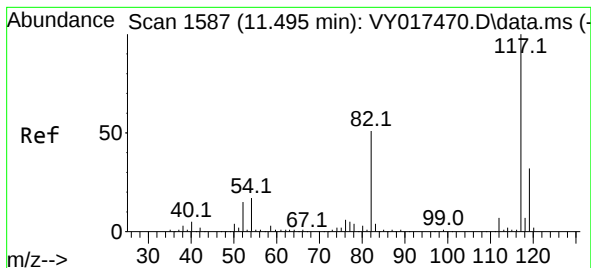
Tgt Ion: 98 Resp: 257037
Ion Ratio Lower Upper
98 100
100 63.8 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 39.174 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion: 95 Resp: 68186
Ion Ratio Lower Upper
95 100
174 94.2 0.0 175.6
176 89.5 0.0 171.4

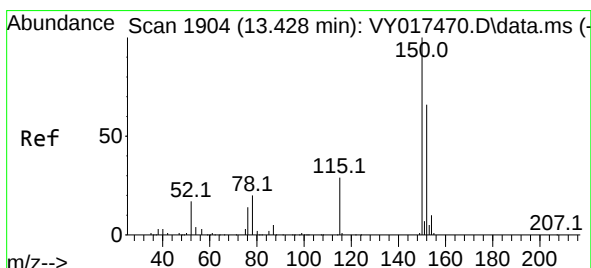
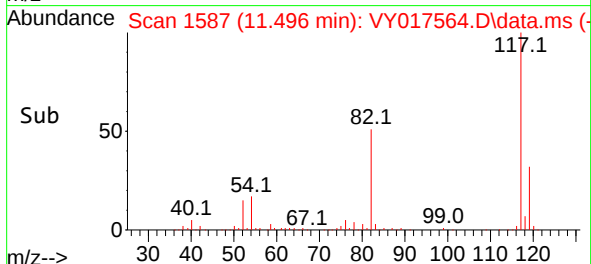
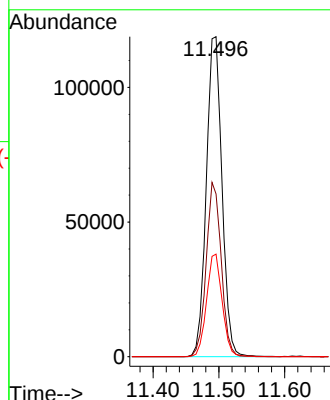
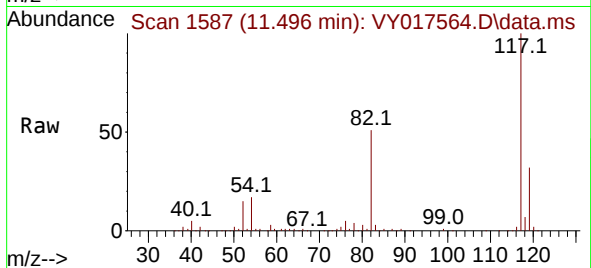




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017564.D
Acq: 05 Mar 2024 11:21

Instrument :
MSVOA_Y
ClientSampleId :
VY0305SBL01

Tgt Ion:117 Resp: 196932
Ion Ratio Lower Upper
117 100
82 50.8 42.4 63.6
119 32.0 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: VY017564.D
Acq: 05 Mar 2024 11:21

Tgt Ion:152 Resp: 74805
Ion Ratio Lower Upper
152 100
115 53.9 28.2 84.7
150 155.3 0.0 345.6

