

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY031524\
 Data File : VY017665.D
 Acq On : 15 Mar 2024 10:51
 Operator : SY/MD
 Sample : VY0315SBL01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0315SBL01

Quant Time: Mar 16 00:13:29 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	7.795	168	107948	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	191805	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	170796	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	63292	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	50822	49.677	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.360%
35) Dibromofluoromethane	7.716	113	62430	46.710	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.420%
50) Toluene-d8	10.185	98	222162	47.541	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	95.080%
62) 4-Bromofluorobenzene	12.483	95	59132	40.263	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	80.520%

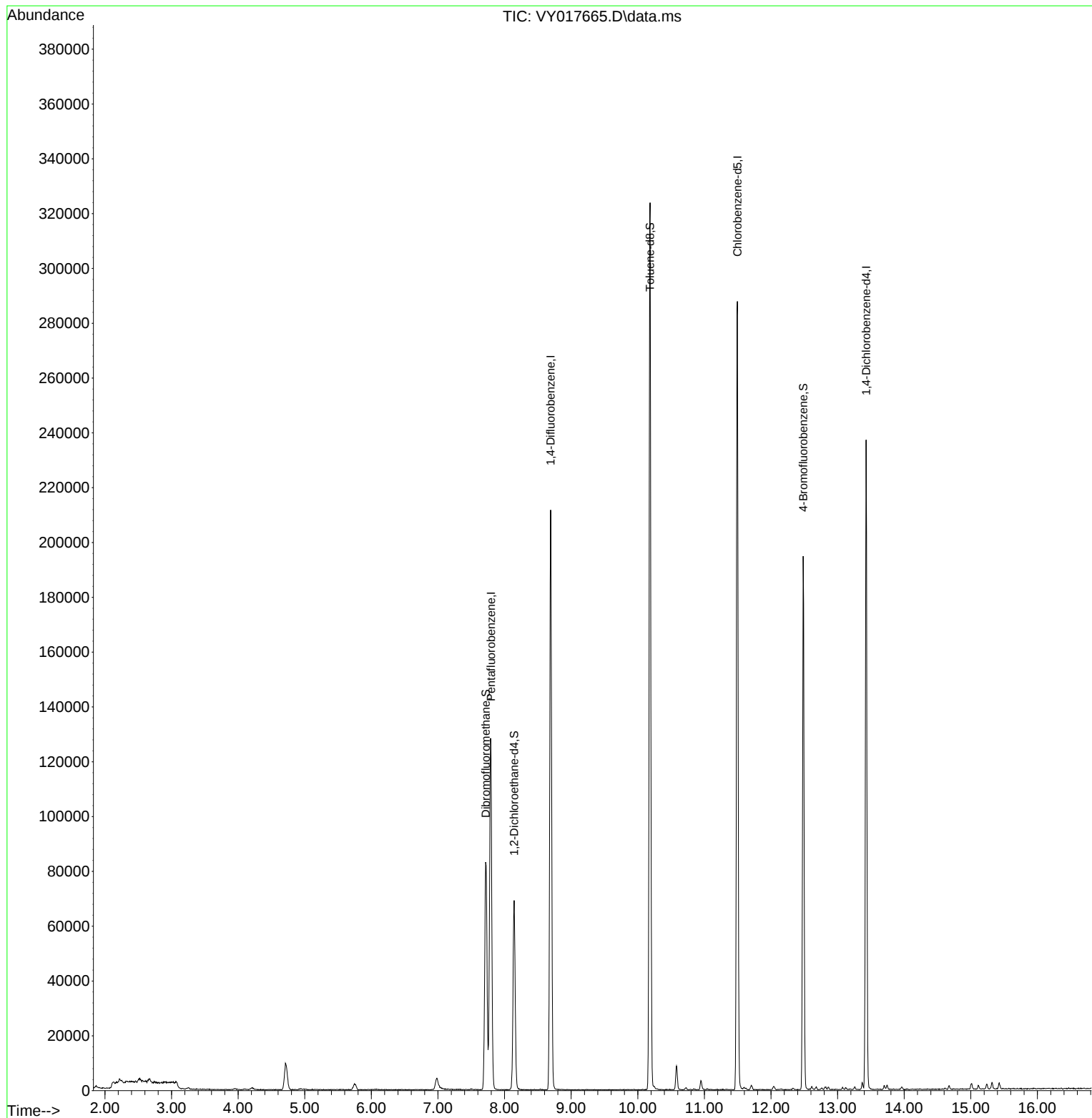
Target Compounds	Qvalue

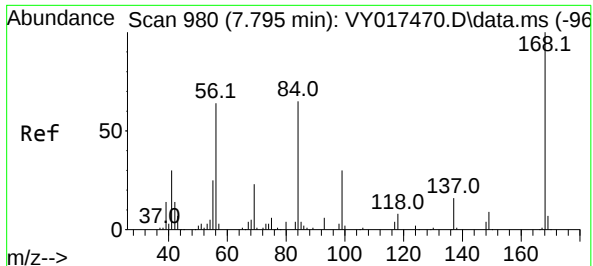
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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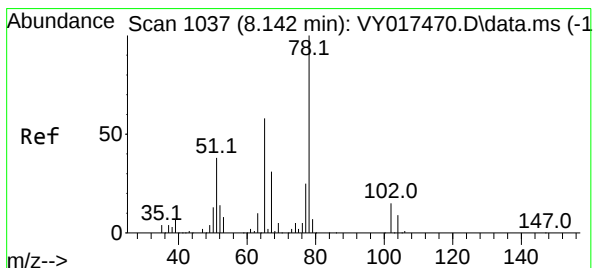
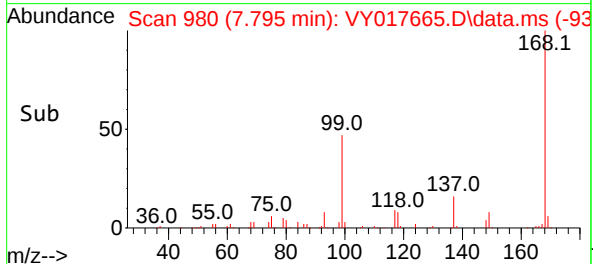
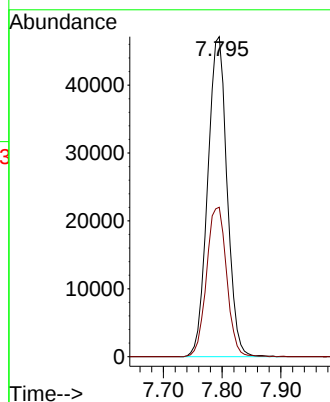
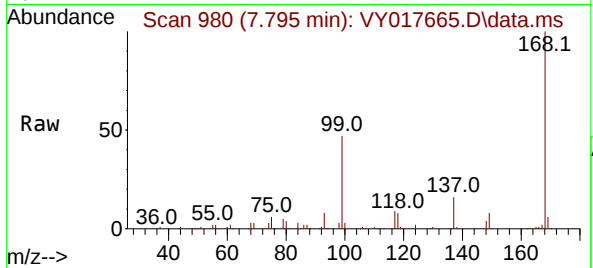




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.795 min Scan# 980
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

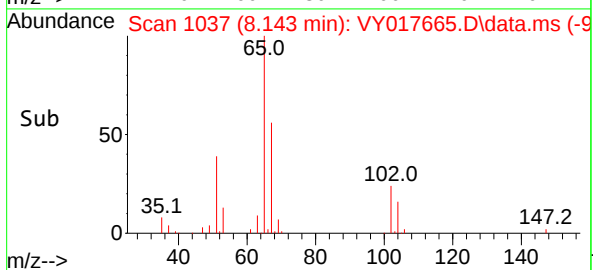
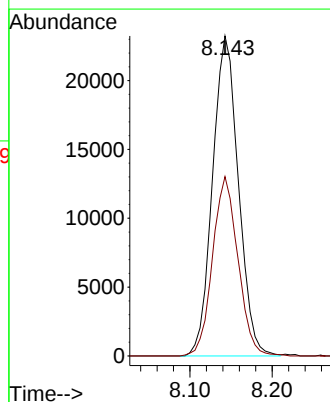
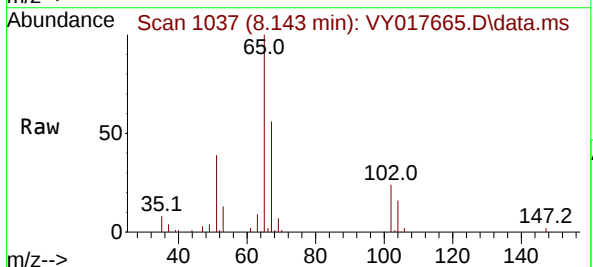
Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

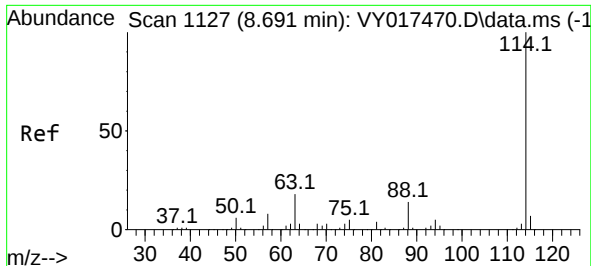
Tgt Ion:168 Resp: 107948
Ion Ratio Lower Upper
168 100
99 46.7 39.1 58.7



#33
1,2-Dichloroethane-d4
Concen: 49.677 ug/l
RT: 8.143 min Scan# 1037
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 65 Resp: 50822
Ion Ratio Lower Upper
65 100
67 55.0 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: VY017665.D

Acq: 15 Mar 2024 10:51

Instrument :

MSVOA_Y

ClientSampleId :

VY0315SBL01

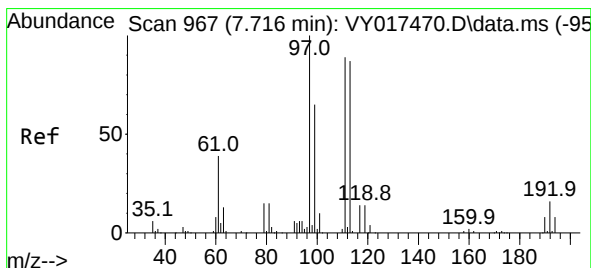
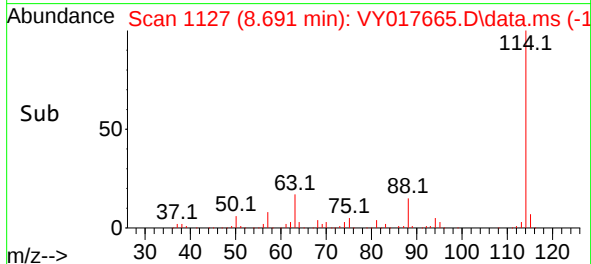
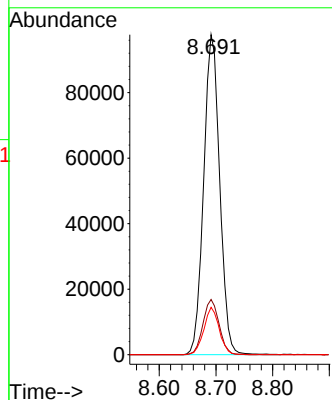
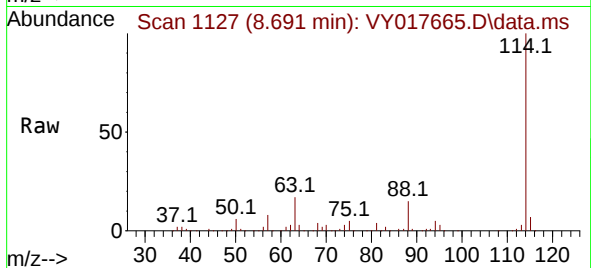
Tgt Ion:114 Resp: 191805

Ion Ratio Lower Upper

114 100

63 17.2 0.0 35.0

88 14.8 0.0 27.2



#35

Dibromofluoromethane

Concen: 46.710 ug/l

RT: 7.716 min Scan# 967

Delta R.T. 0.000 min

Lab File: VY017665.D

Acq: 15 Mar 2024 10:51

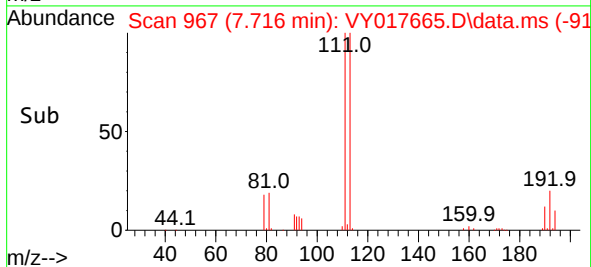
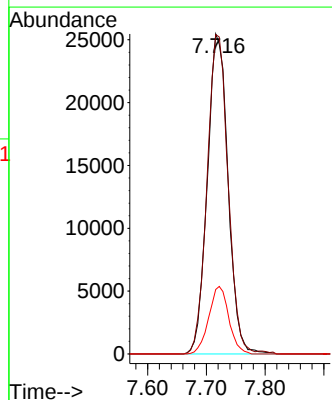
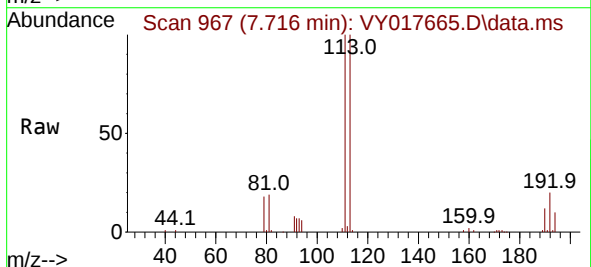
Tgt Ion:113 Resp: 62430

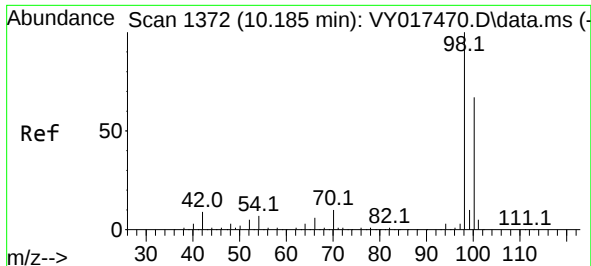
Ion Ratio Lower Upper

113 100

111 101.1 82.2 123.4

192 20.4 15.9 23.9

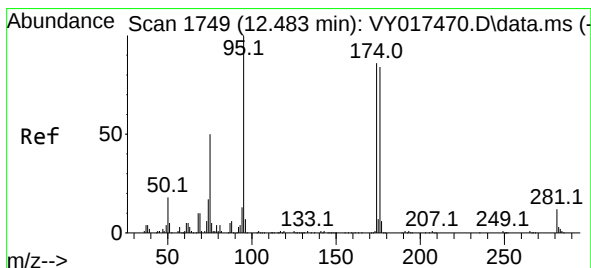
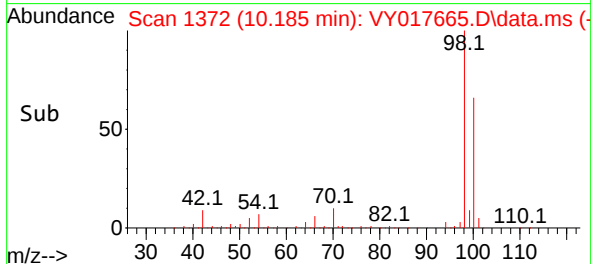
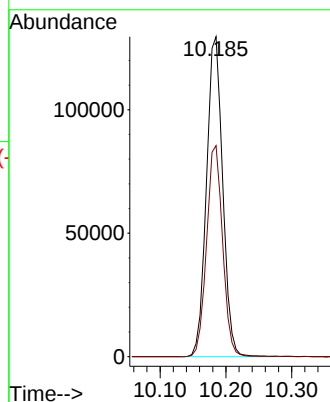
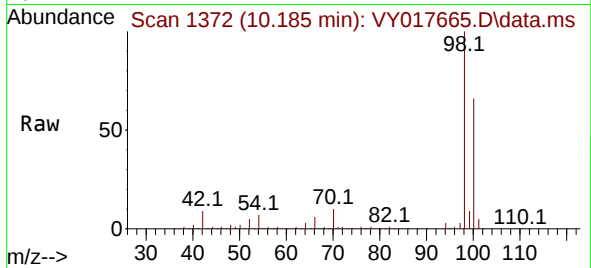




#50
Toluene-d8
Concen: 47.541 ug/l
RT: 10.185 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

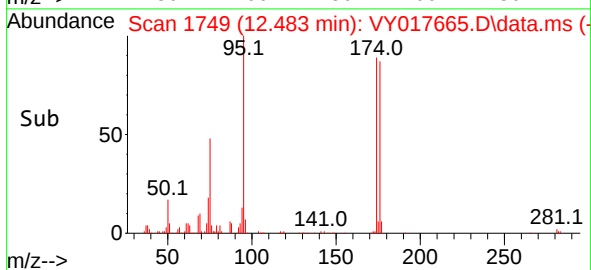
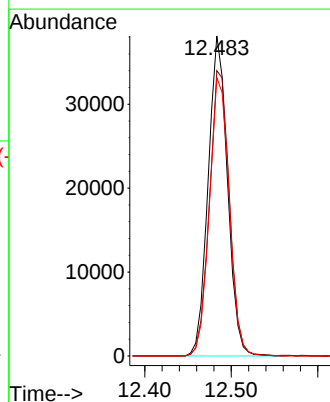
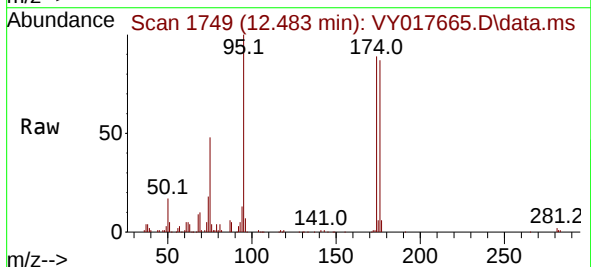
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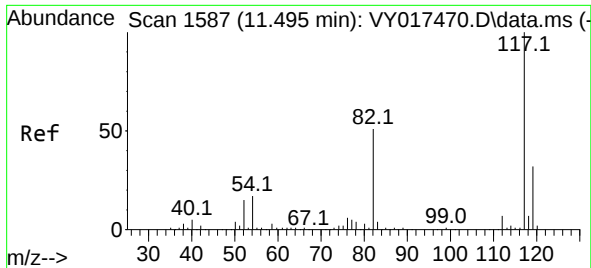
Tgt Ion: 98 Resp: 222162
Ion Ratio Lower Upper
98 100
100 65.3 52.0 78.0



#62
4-Bromofluorobenzene
Concen: 40.263 ug/l
RT: 12.483 min Scan# 1749
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion: 95 Resp: 59132
Ion Ratio Lower Upper
95 100
174 92.3 0.0 175.6
176 89.2 0.0 171.4

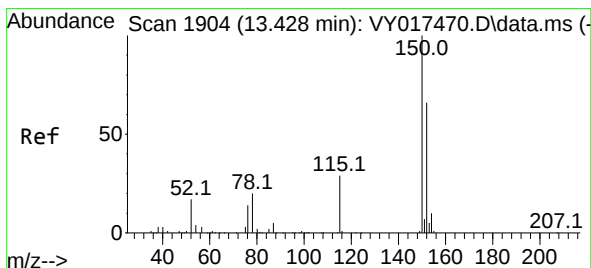
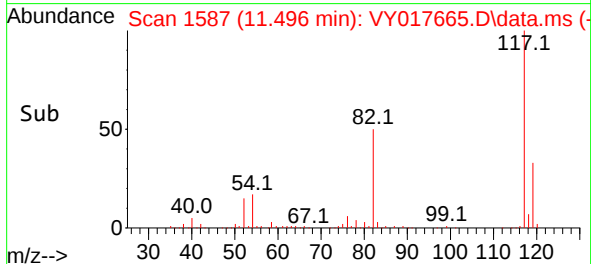
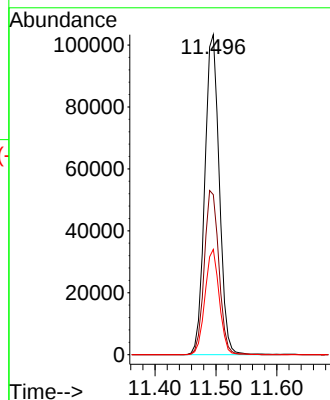
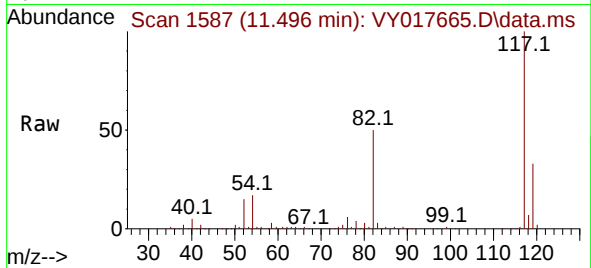




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.496 min Scan# 117
Delta R.T. 0.000 min
Lab File: VY017665.D
Acq: 15 Mar 2024 10:51

Instrument :
MSVOA_Y
ClientSampleId :
VY0315SBL01

Tgt Ion:117 Resp: 170796
Ion Ratio Lower Upper
117 100
82 50.0 42.4 63.6
119 32.9 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: VY017665.D
Acq: 15 Mar 2024 10:51

Tgt Ion:152 Resp: 63292
Ion Ratio Lower Upper
152 100
115 55.9 28.2 84.7
150 159.3 0.0 345.6

