

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017022.D
 Acq On : 17 Jan 2024 19:38
 Operator : SY/MD
 Sample : P1155-01
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 BB-TESTPITS

Quant Time: Jan 18 00:47:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 02 14:25:32 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.825	168	100190	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	219168	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	209447	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	82146	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.179	65	48941	49.423	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	98.840%
35) Dibromofluoromethane	7.758	113	53108	38.026	ug/l	0.03
Spiked Amount	50.000	Range	54 - 147	Recovery	=	76.060%
50) Toluene-d8	10.209	98	190822	39.678	ug/l	0.02
Spiked Amount	50.000	Range	58 - 134	Recovery	=	79.360%
62) 4-Bromofluorobenzene	12.508	95	61157	37.691	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	75.380%

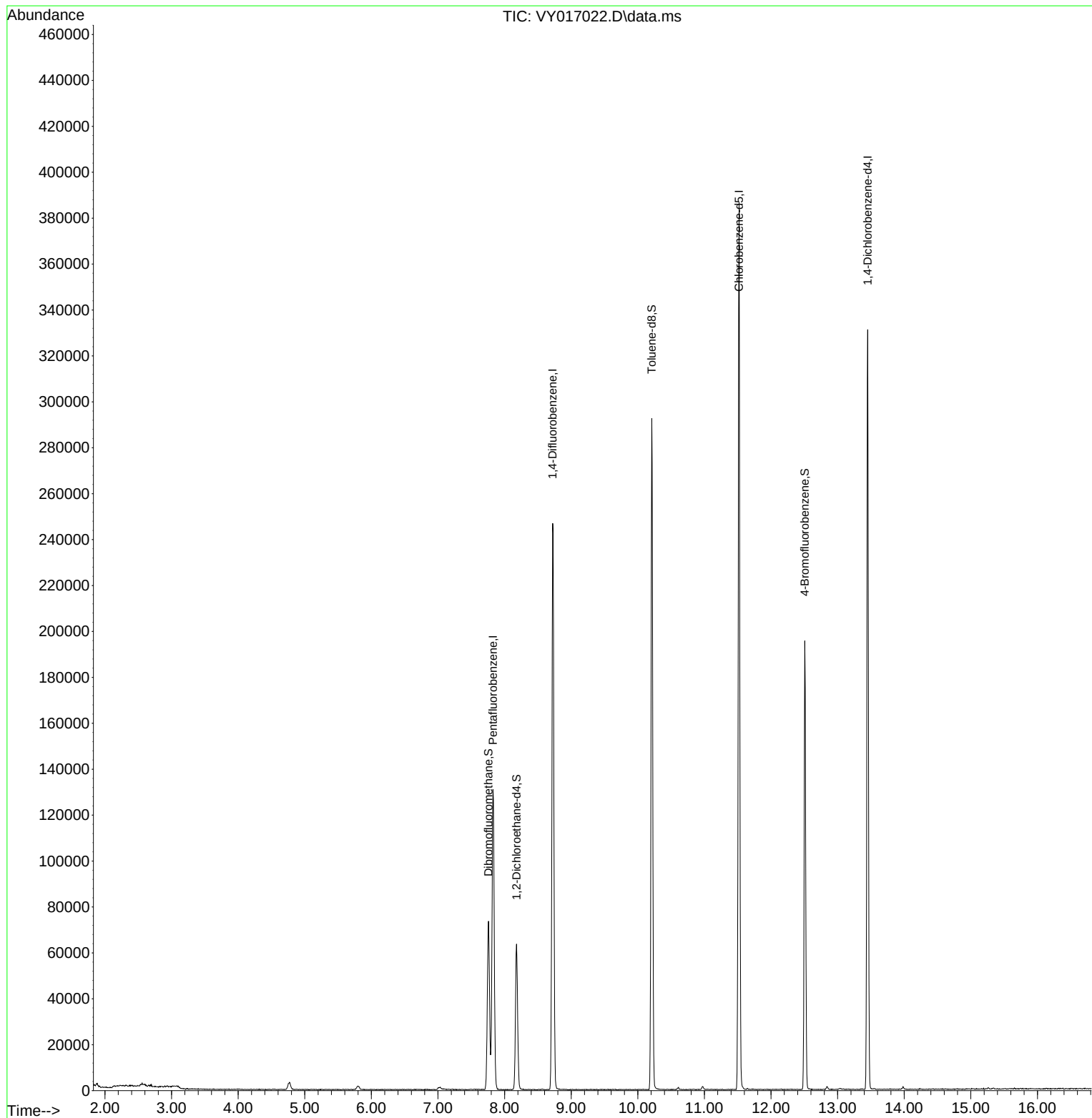
Target Compounds	Qvalue

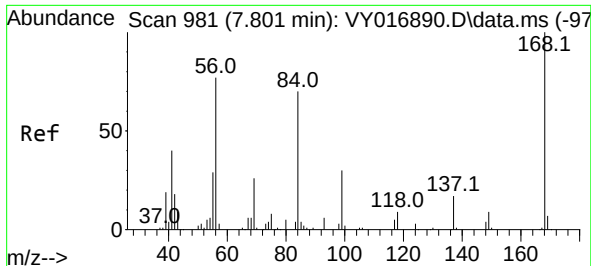
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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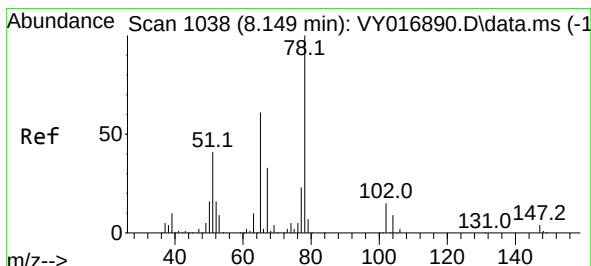
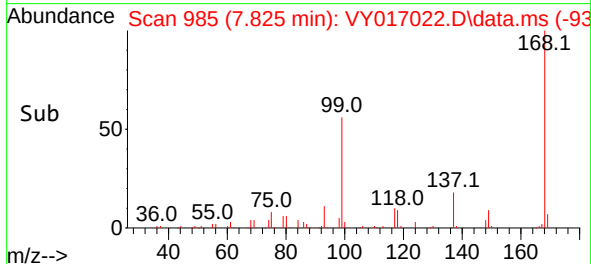
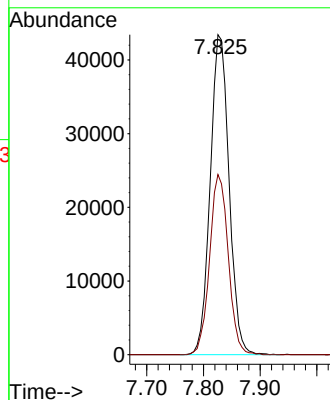
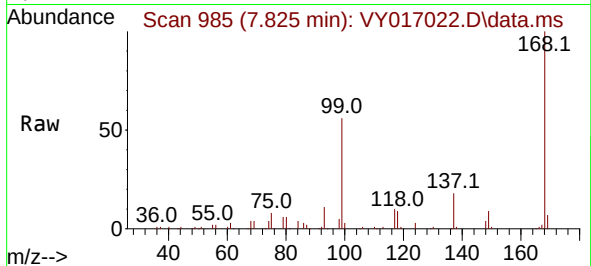




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.825 min Scan# 91
Delta R.T. 0.024 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

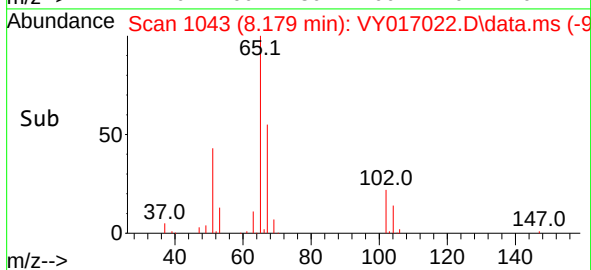
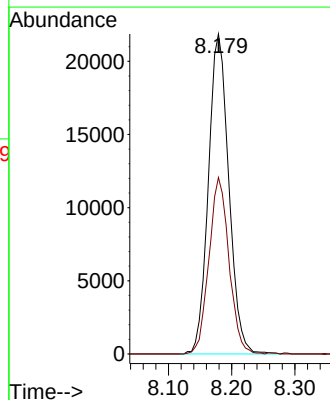
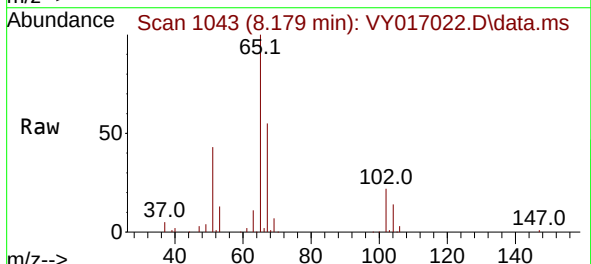
Instrument :
MSVOA_Y
ClientSampleId :
BB-TESTPITS

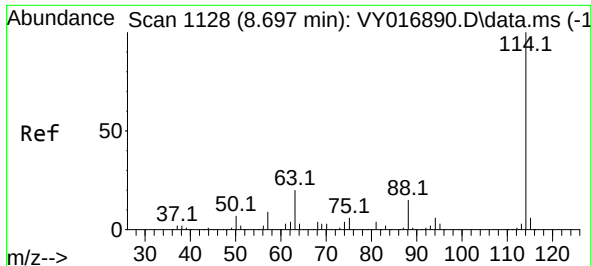
Tgt Ion:168 Resp: 100190
Ion Ratio Lower Upper
168 100
99 56.3 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 49.423 ug/l
RT: 8.179 min Scan# 1043
Delta R.T. 0.024 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion: 65 Resp: 48941
Ion Ratio Lower Upper
65 100
67 54.2 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.722 min Scan# 1128

Delta R.T. 0.019 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

Instrument :

MSVOA_Y

ClientSampleId :

BB-TESTPITS

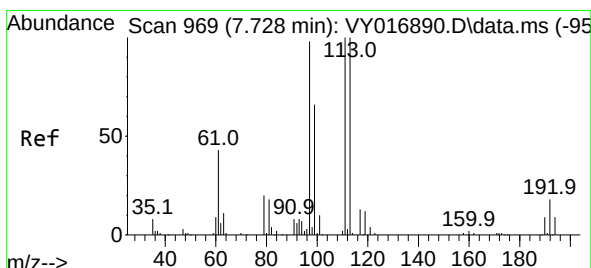
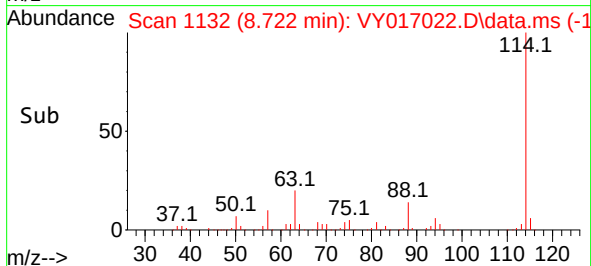
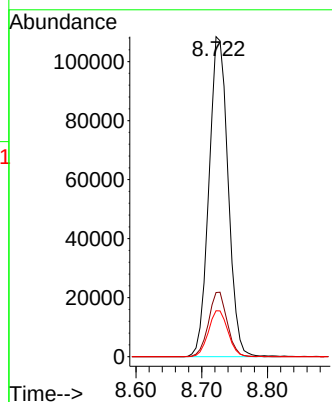
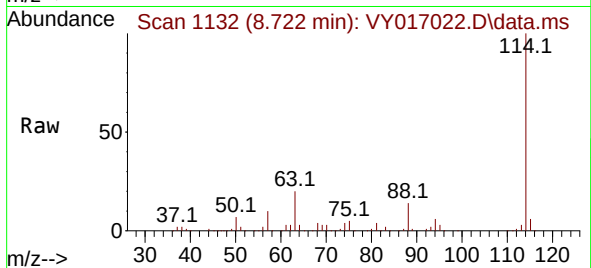
Tgt Ion:114 Resp: 219168

Ion Ratio Lower Upper

114 100

63 20.0 0.0 37.4

88 14.4 0.0 29.0



#35

Dibromofluoromethane

Concen: 38.026 ug/l

RT: 7.758 min Scan# 974

Delta R.T. 0.030 min

Lab File: VY017022.D

Acq: 17 Jan 2024 19:38

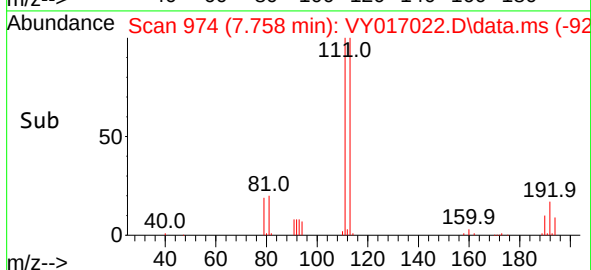
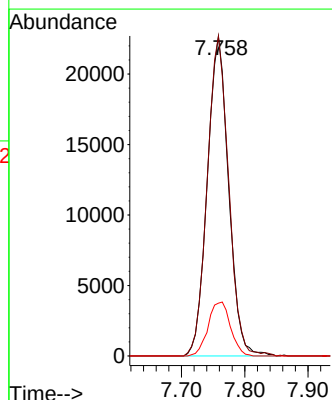
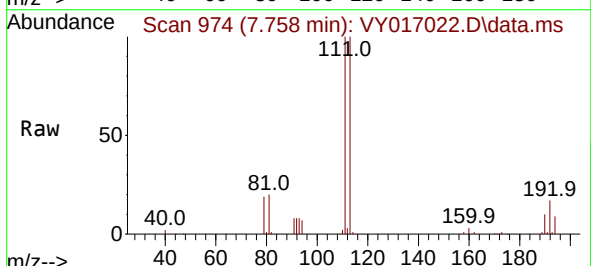
Tgt Ion:113 Resp: 53108

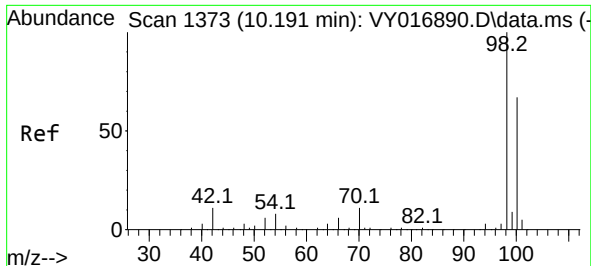
Ion Ratio Lower Upper

113 100

111 100.5 83.8 125.6

192 17.7 14.5 21.7

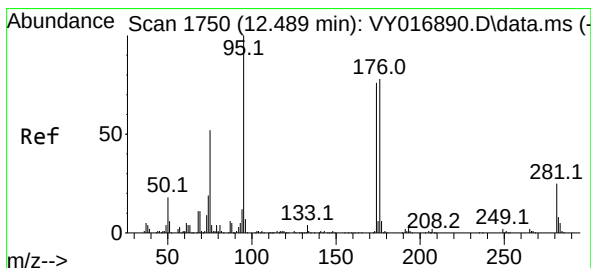
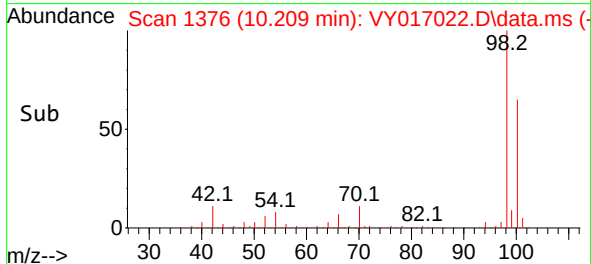
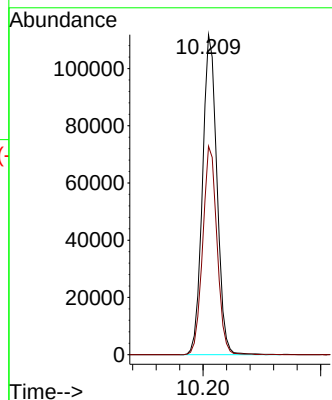
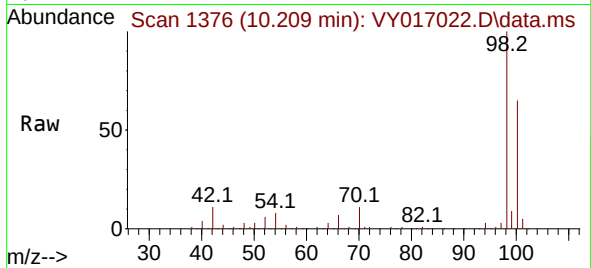




#50
Toluene-d8
Concen: 39.678 ug/l
RT: 10.209 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

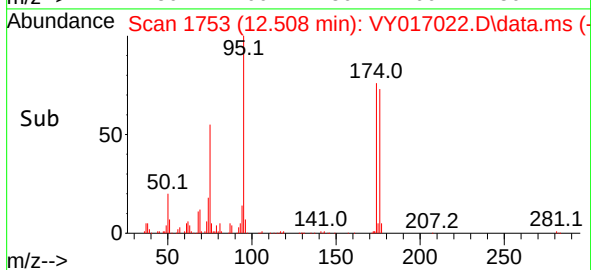
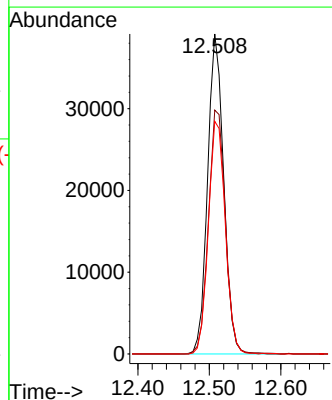
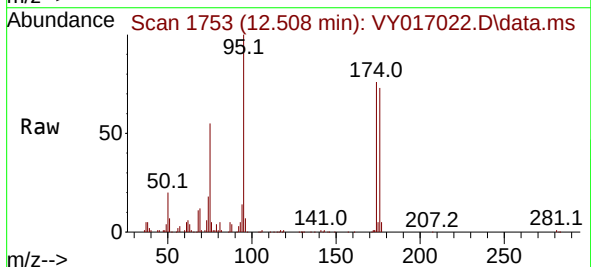
Instrument :
MSVOA_Y
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BB-TESTPITS

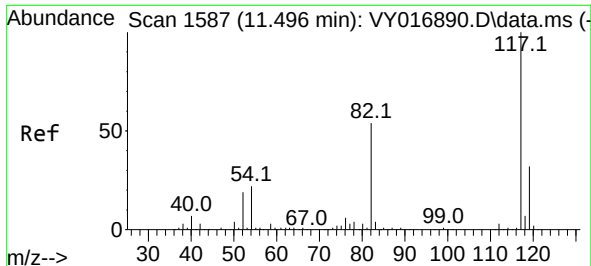
Tgt Ion: 98 Resp: 190822
Ion Ratio Lower Upper
98 100
100 64.5 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 37.691 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion: 95 Resp: 61157
Ion Ratio Lower Upper
95 100
174 80.6 0.0 160.0
176 76.4 0.0 151.8

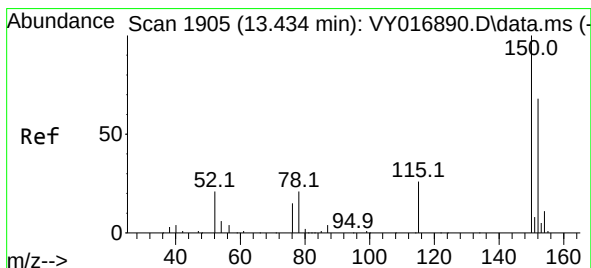
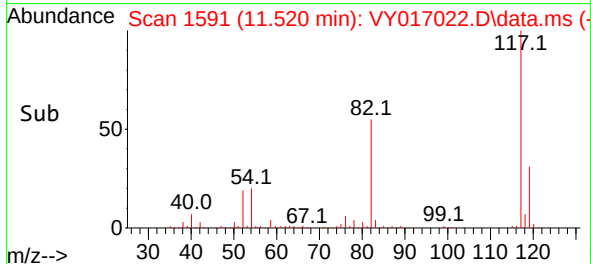
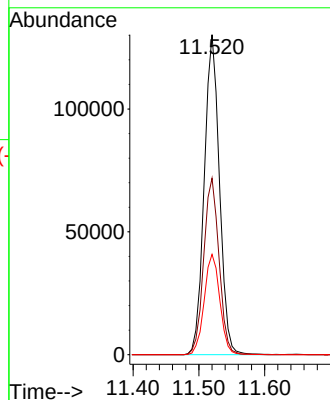
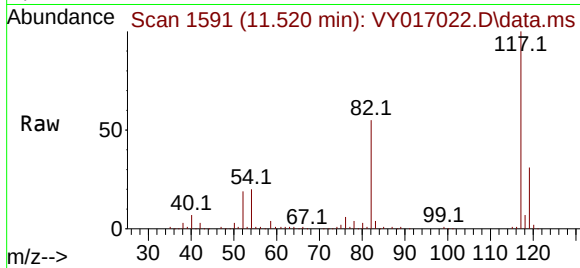




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Instrument :
MSVOA_Y
ClientSampleId :
BB-TESTPITS

Tgt Ion:117 Resp: 209447
Ion Ratio Lower Upper
117 100
82 55.2 43.8 65.8
119 31.3 26.5 39.7



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.453 min Scan# 1908
Delta R.T. 0.019 min
Lab File: VY017022.D
Acq: 17 Jan 2024 19:38

Tgt Ion:152 Resp: 82146
Ion Ratio Lower Upper
152 100
115 58.4 30.0 90.0
150 157.6 0.0 344.6

