

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011724\
 Data File : VY017017.D
 Acq On : 17 Jan 2024 17:42
 Operator : SY/MD
 Sample : P1147-03RE
 Misc : 5.08g/5.0mL/MSVOA_Y/SOIL/B
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 MH-DRE

Quant Time: Jan 18 00:45:37 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	7.819	168	5136	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.722	114	7902	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.520	117	6238	50.000	ug/l	0.02
72) 1,4-Dichlorobenzene-d4	13.453	152	1558	50.000	ug/l	0.02

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	2937	57.858	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	115.720%
35) Dibromofluoromethane	7.746	113	3326	66.052	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	132.100%
50) Toluene-d8	10.203	98	8989	51.841	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	103.680%
62) 4-Bromofluorobenzene	12.508	95	2159	36.905	ug/l	0.02
Spiked Amount	50.000	Range	30 - 143	Recovery	=	73.800%

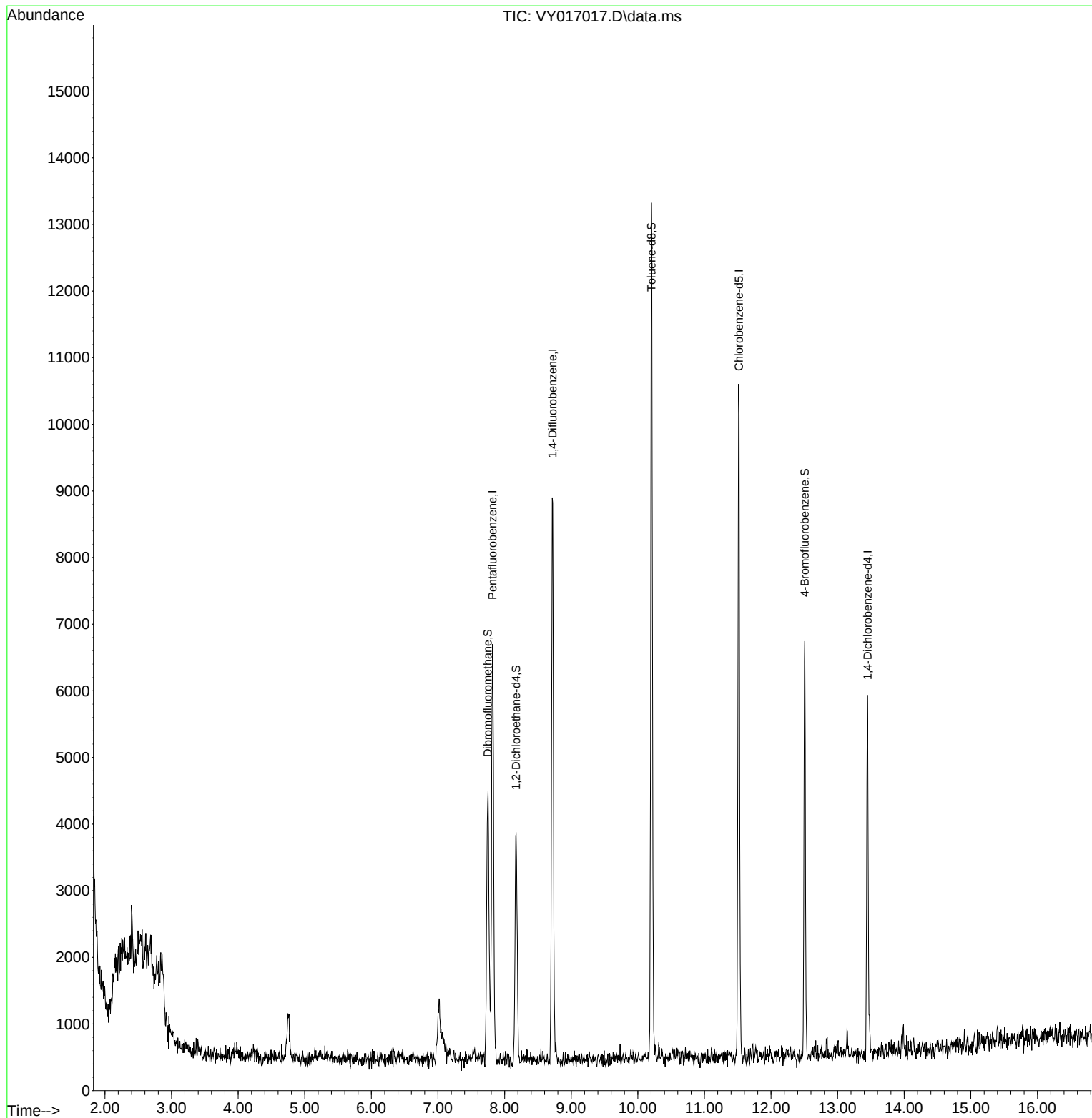
Target Compounds	Qvalue

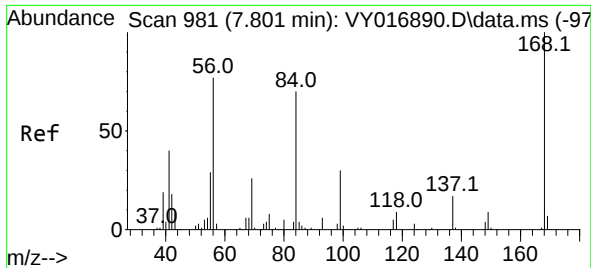
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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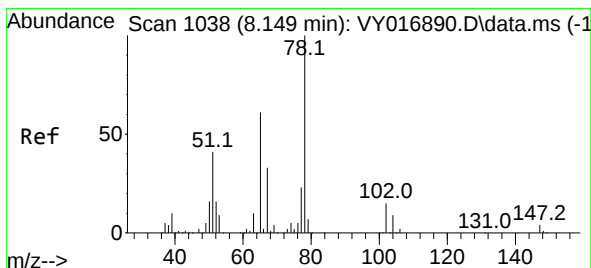
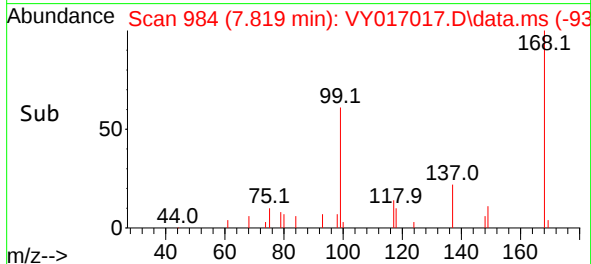
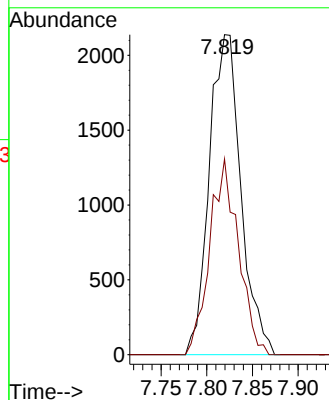
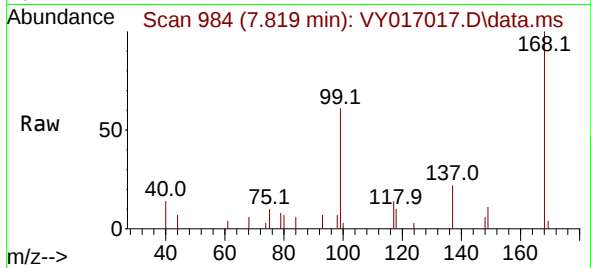




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.819 min Scan# 91
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

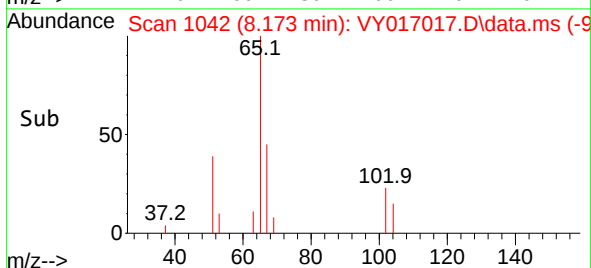
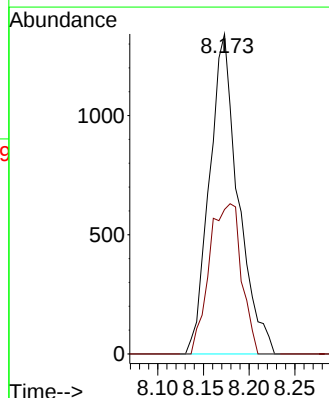
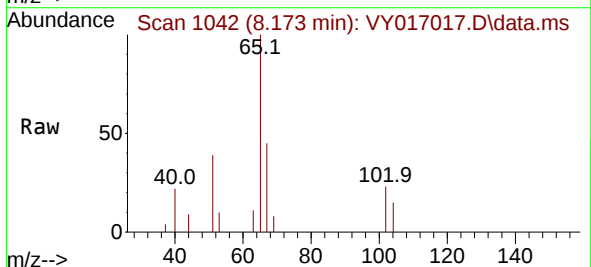
Instrument :
MSVOA_Y
ClientSampleId :
MH-DRE

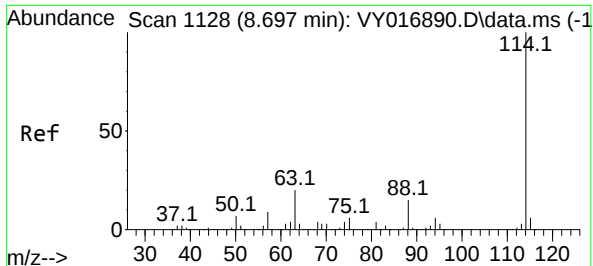
Tgt Ion:168 Resp: 5136
Ion Ratio Lower Upper
168 100
99 61.1 44.2 66.4



#33
1,2-Dichloroethane-d4
Concen: 57.858 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 65 Resp: 2937
Ion Ratio Lower Upper
65 100
67 52.3 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: VY017017.D

Acq: 17 Jan 2024 17:42

Instrument :

MSVOA_Y

ClientSampleId :

MH-DRE

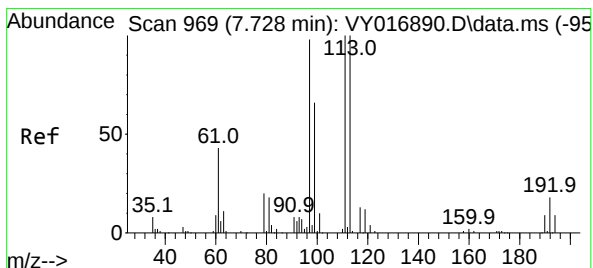
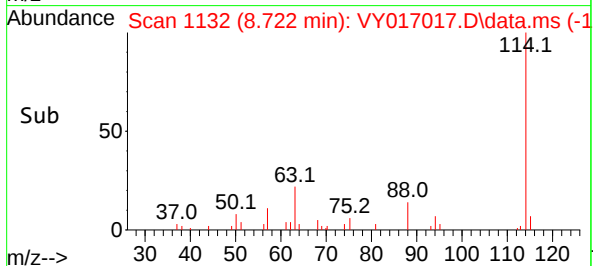
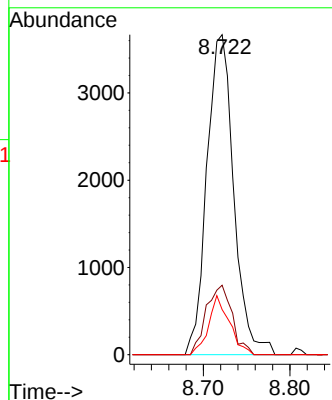
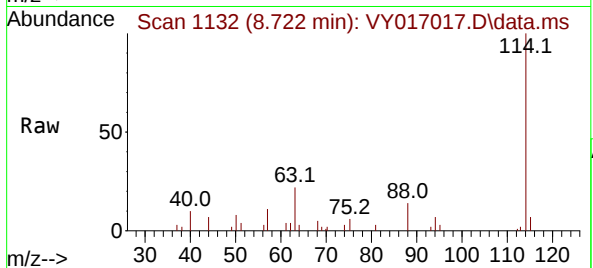
Tgt Ion:114 Resp: 7902

Ion Ratio Lower Upper

114 100

63 21.7 0.0 37.4

88 14.1 0.0 29.0



#35

Dibromofluoromethane

Concen: 66.052 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017017.D

Acq: 17 Jan 2024 17:42

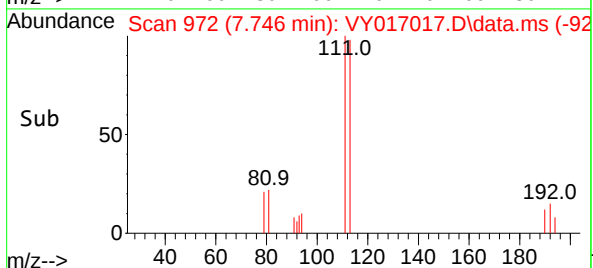
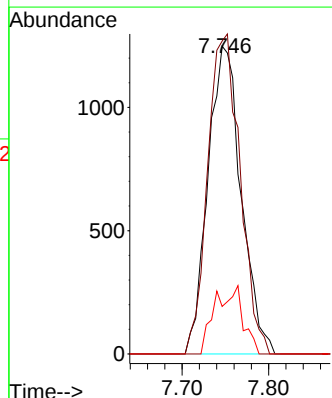
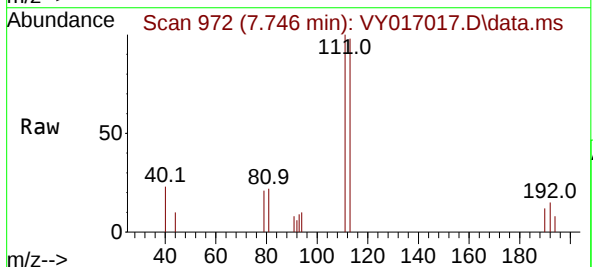
Tgt Ion:113 Resp: 3326

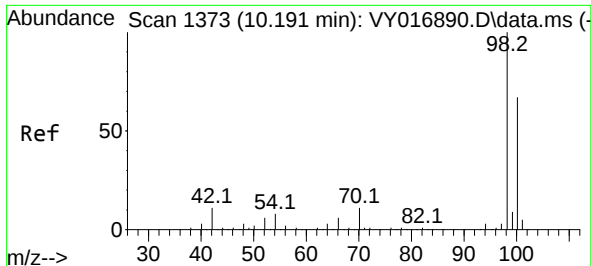
Ion Ratio Lower Upper

113 100

111 101.4 83.8 125.6

192 18.5 14.5 21.7

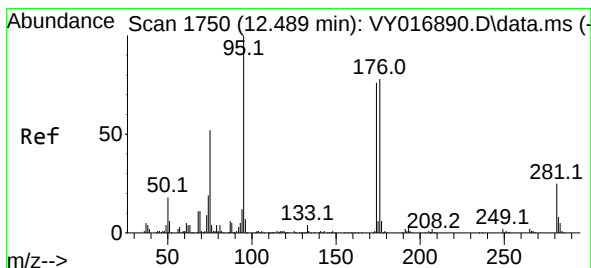
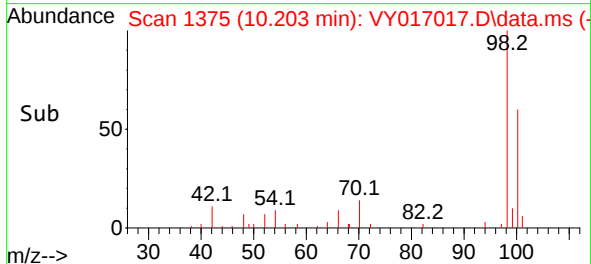
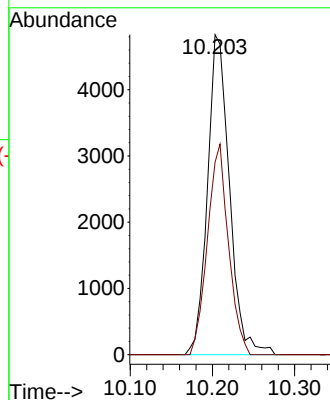
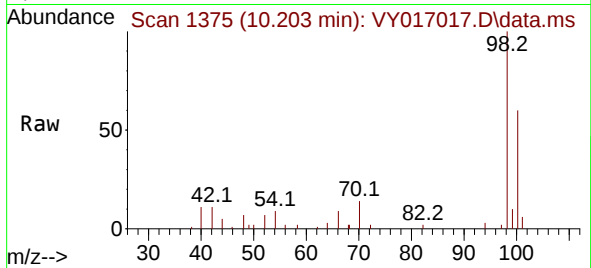




#50
Toluene-d8
Concen: 51.841 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

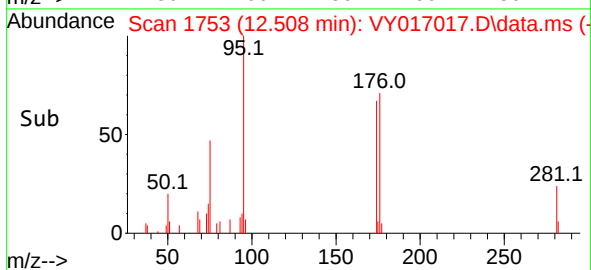
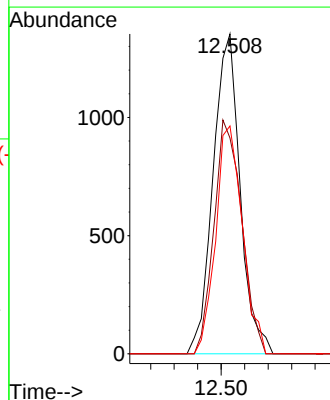
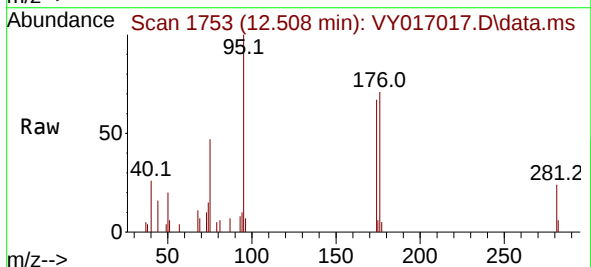
Instrument :
MSVOA_Y
ClientSampleId :
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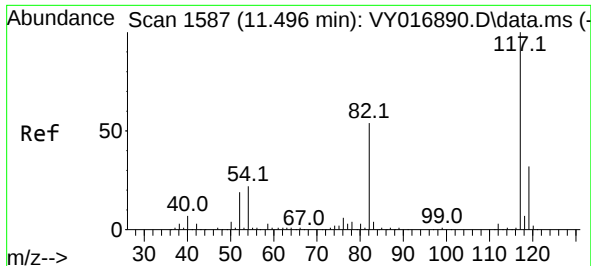
Tgt Ion: 98 Resp: 8989
Ion Ratio Lower Upper
98 100
100 62.8 52.3 78.5



#62
4-Bromofluorobenzene
Concen: 36.905 ug/l
RT: 12.508 min Scan# 1753
Delta R.T. 0.019 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion: 95 Resp: 2159
Ion Ratio Lower Upper
95 100
174 75.1 0.0 160.0
176 70.7 0.0 151.8

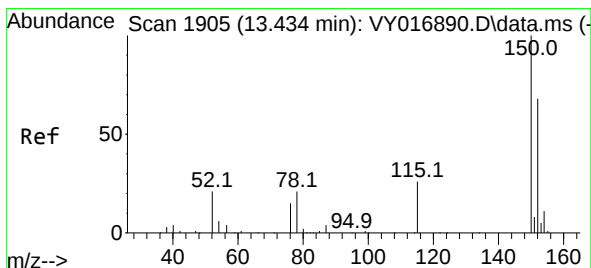
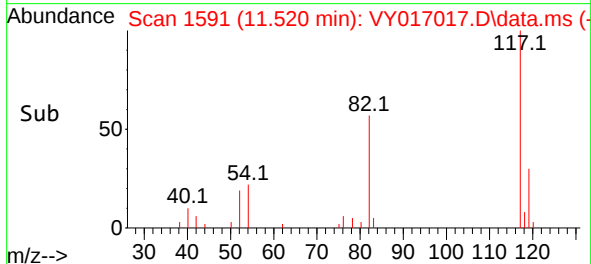
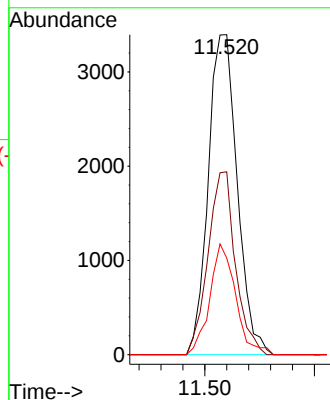
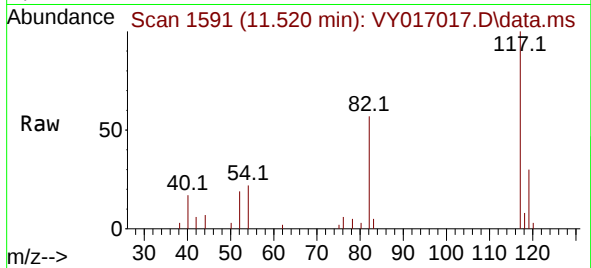




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.520 min Scan# 11
Delta R.T. 0.018 min
Lab File: VY017017.D
Acq: 17 Jan 2024 17:42

Instrument :
MSVOA_Y
ClientSampleId :
MH-DRE

Tgt Ion:117 Resp: 6238
Ion Ratio Lower Upper
117 100
82 57.2 43.8 65.8
119 30.1 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: VY017017.D
Acq: 17 Jan 2024 17:42

Tgt Ion:152 Resp: 1558
Ion Ratio Lower Upper
152 100
115 56.3 30.0 90.0
150 157.2 0.0 344.6

