

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY012224\
 Data File : VY017075.D
 Acq On : 22 Jan 2024 15:05
 Operator : SY/MD
 Sample : P1207-03
 Misc : 3.53g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 EC68-WEST

Quant Time: Jan 23 01:46:41 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	7.826	168	197	50.000	ug/l	# 0.02
34) 1,4-Difluorobenzene	8.716	114	449	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.508	117	131	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	13.447	152	23	50.000	ug/l	# 0.01

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.173	65	97	49.818	ug/l	0.02
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.640%
35) Dibromofluoromethane	7.746	113	175	61.163	ug/l	0.02
Spiked Amount	50.000	Range	54 - 147	Recovery	=	122.320%
50) Toluene-d8	10.203	98	323	32.783	ug/l	0.01
Spiked Amount	50.000	Range	58 - 134	Recovery	=	65.560%
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	30 - 143	Recovery	=	0.000%#

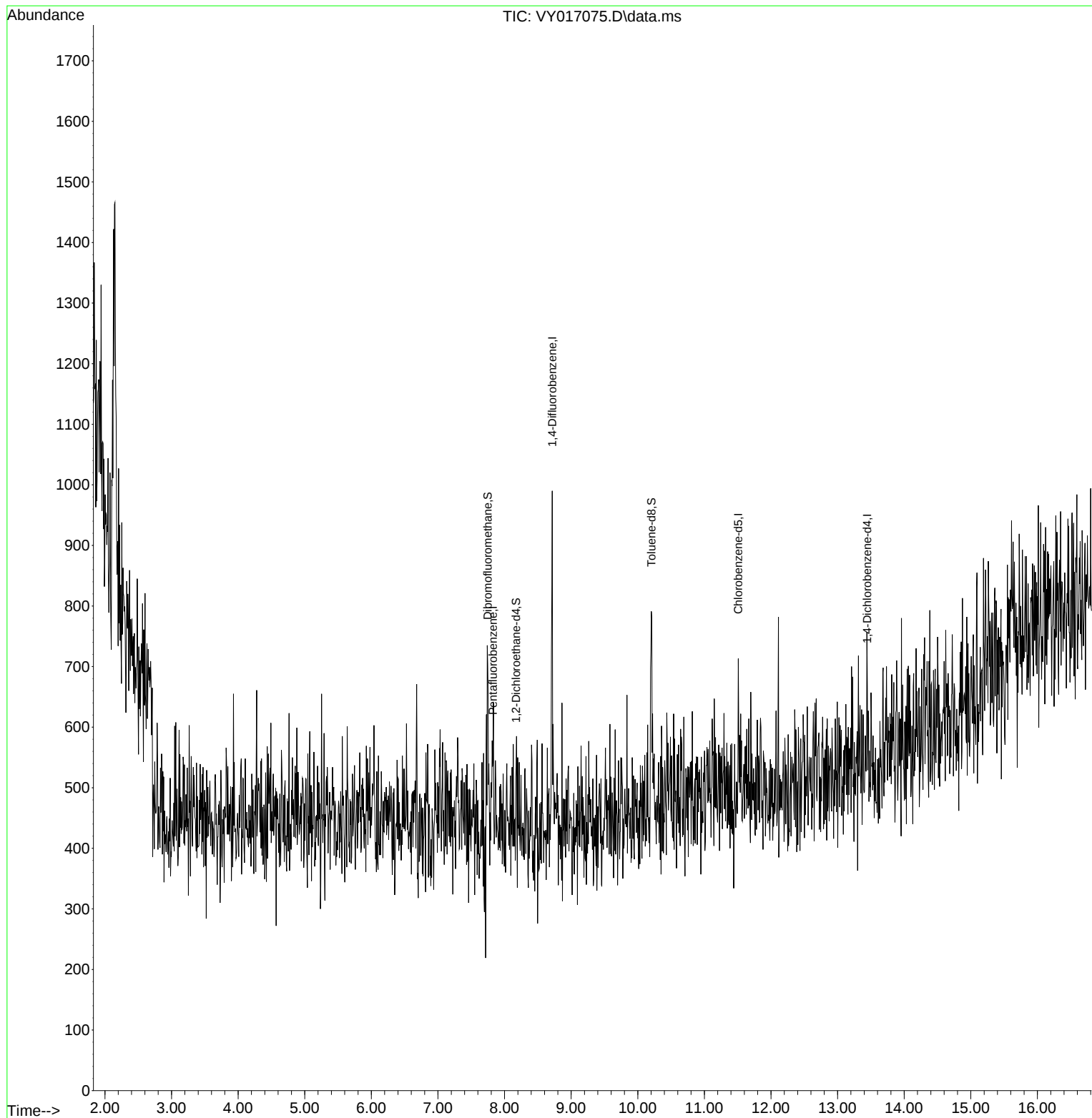
Target Compounds	Qvalue

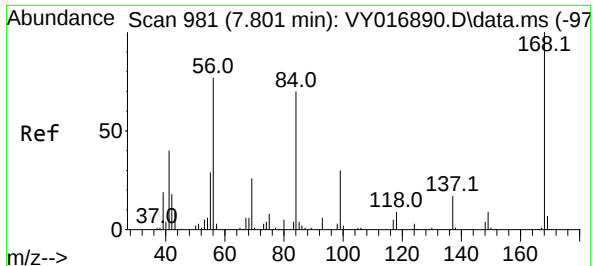
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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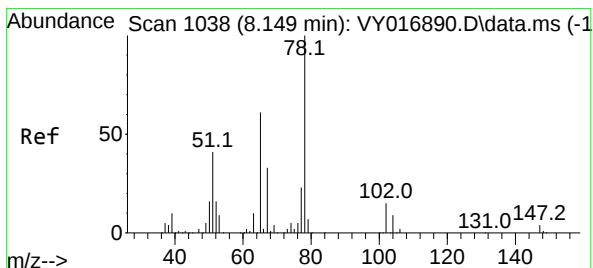
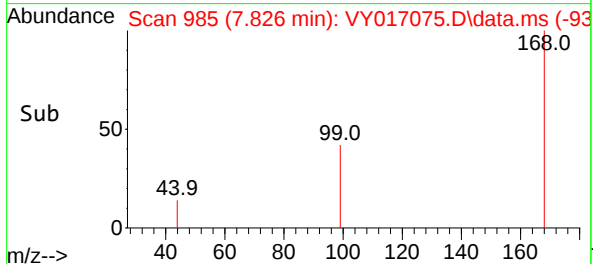
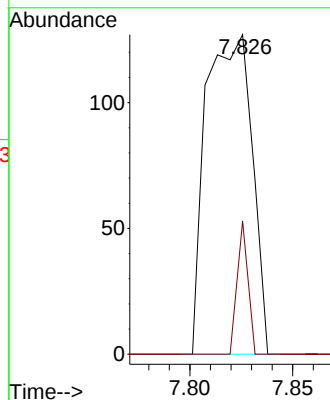
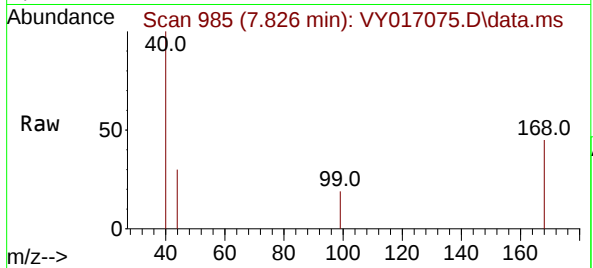




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.826 min Scan# 91
Delta R.T. 0.025 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

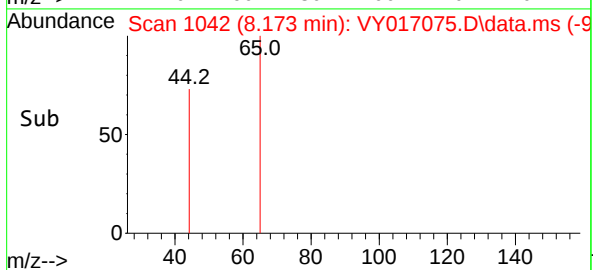
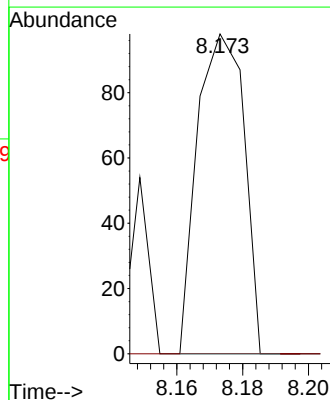
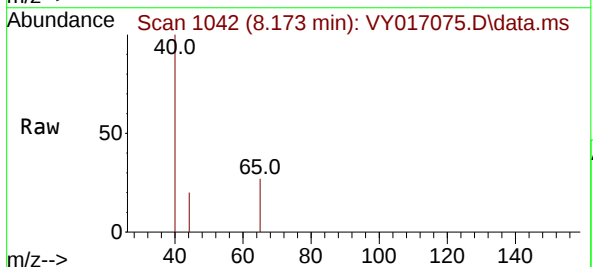
Instrument :
MSVOA_Y
ClientSampleId :
EC68-WEST

Tgt Ion:168 Resp: 197
Ion Ratio Lower Upper
168 100
99 41.7 44.2 66.4#



#33
1,2-Dichloroethane-d4
Concen: 49.818 ug/l
RT: 8.173 min Scan# 1042
Delta R.T. 0.018 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Tgt Ion: 65 Resp: 97
Ion Ratio Lower Upper
65 100
67 0.0 0.0 109.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.716 min Scan# 1128

Delta R.T. 0.013 min

Lab File: VY017075.D

Acq: 22 Jan 2024 15:05

Instrument :

MSVOA_Y

ClientSampleId :

EC68-WEST

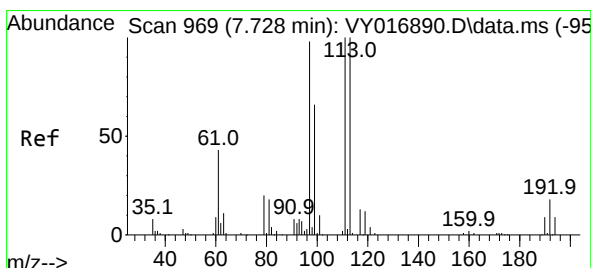
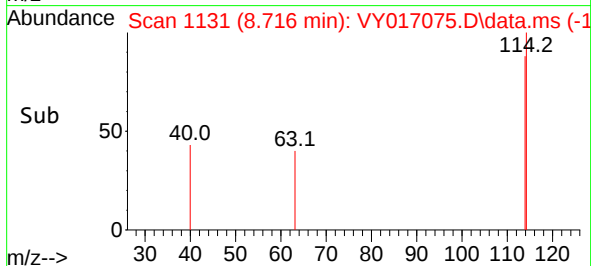
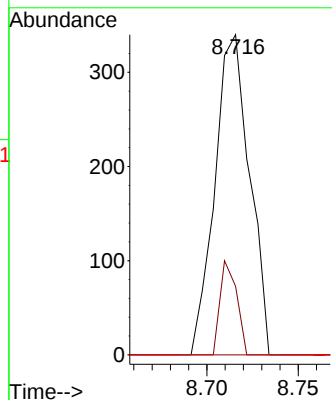
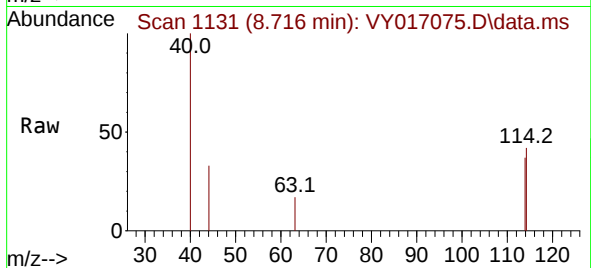
Tgt Ion:114 Resp: 449

Ion Ratio Lower Upper

114 100

63 21.5 0.0 37.4

88 0.0 0.0 29.0



#35

Dibromofluoromethane

Concen: 61.163 ug/l

RT: 7.746 min Scan# 972

Delta R.T. 0.018 min

Lab File: VY017075.D

Acq: 22 Jan 2024 15:05

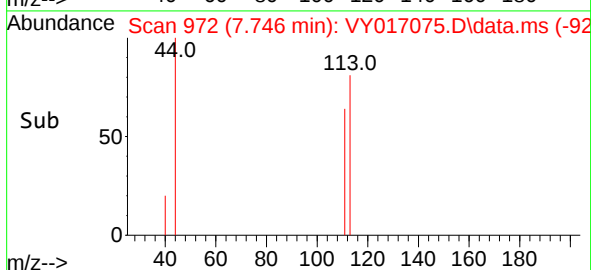
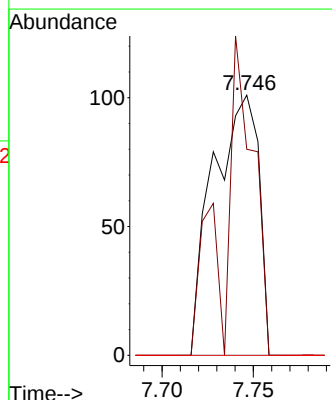
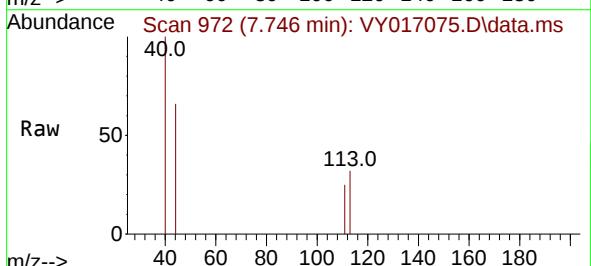
Tgt Ion:113 Resp: 175

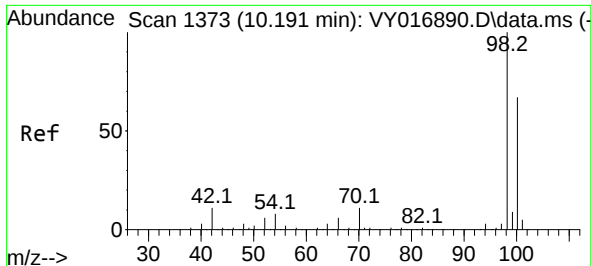
Ion Ratio Lower Upper

113 100

111 82.3 83.8 125.6#

192 0.0 14.5 21.7#

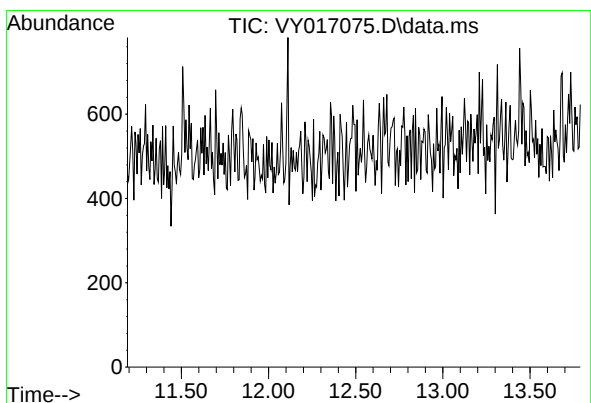
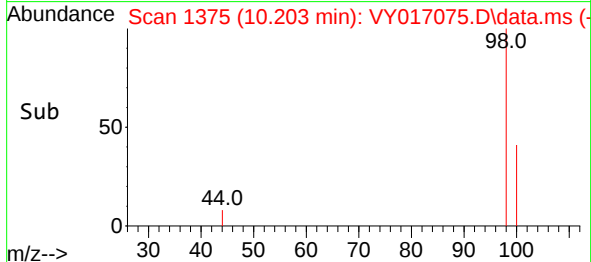
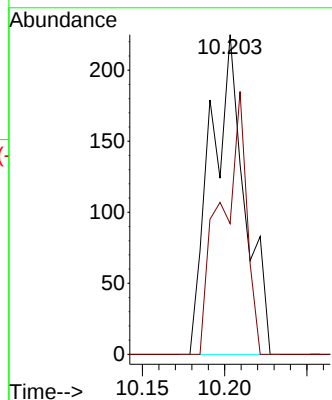
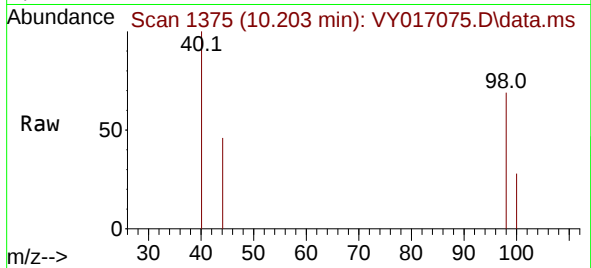




#50
Toluene-d8
Concen: 32.783 ug/l
RT: 10.203 min Scan# 11
Delta R.T. 0.012 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Instrument :
MSVOA_Y
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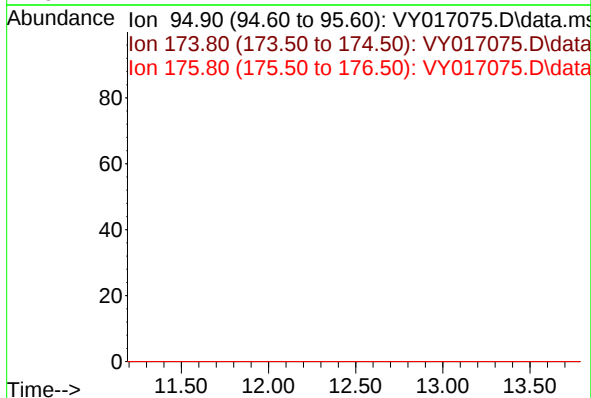
Tgt Ion: 98 Resp: 323
Ion Ratio Lower Upper
98 100
100 61.6 52.3 78.5

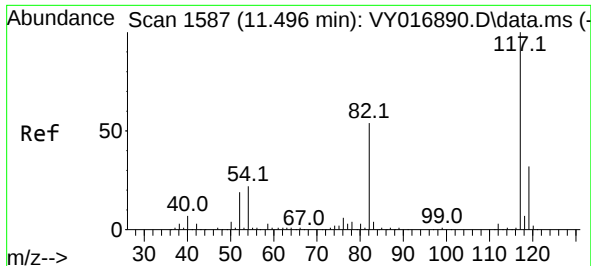


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.49 min

Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Tgt Ion: 95
Sig Exp Ratio
95 100
174 80.0
176 75.9

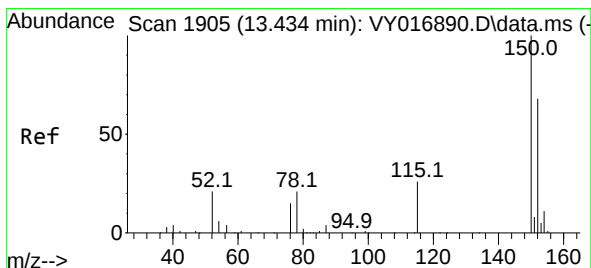
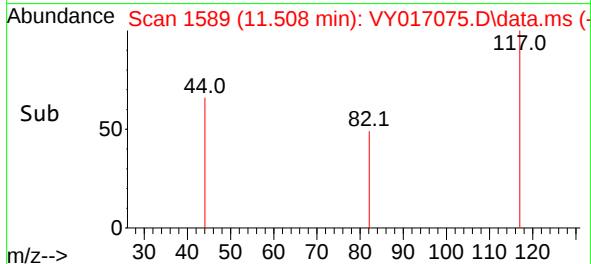
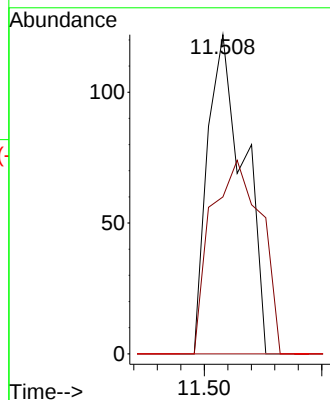
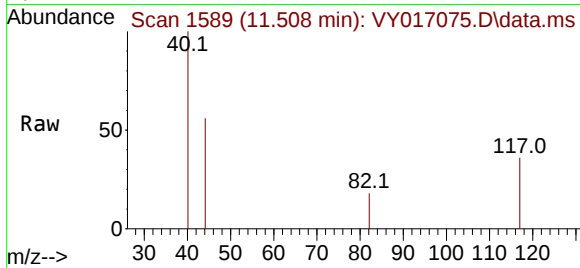




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.508 min Scan# 11
Delta R.T. 0.006 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Instrument :
MSVOA_Y
ClientSampleId :
EC68-WEST

Tgt Ion:117 Resp: 131
Ion Ratio Lower Upper
117 100
82 49.2 43.8 65.8
119 0.0 26.5 39.7#



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.447 min Scan# 1907
Delta R.T. 0.013 min
Lab File: VY017075.D
Acq: 22 Jan 2024 15:05

Tgt Ion:152 Resp: 23
Ion Ratio Lower Upper
152 100
115 0.0 30.0 90.0#
150 295.7 0.0 344.6

