

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY081424\
 Data File : VY019058.D
 Acq On : 14 Aug 2024 15:01
 Operator : SY/MD
 Sample : P3580-06
 Misc : 5.02g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 923-K1-SD-0.5-1-081224

Quant Time: Aug 14 21:47:00 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y080824S.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 09 04:24:33 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	381	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.603	114	345	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	291	50.000	ug/l	# 0.00
72) 1,4-Dichlorobenzene-d4	0.000	152	0	0.000	ug/l	-13.35

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.043	65	183	54.706	ug/l	-0.01
Spiked Amount	50.000	Range	50 - 163	Recovery	=	109.420%
35) Dibromofluoromethane	7.628	113	149	67.621	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	135.240%
50) Toluene-d8	10.103	98	583	68.883	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	137.760%#
62) 4-Bromofluorobenzene	0.000	95	0	0.000	ug/l	
Spiked Amount	50.000	Range	29 - 146	Recovery	=	0.000%#

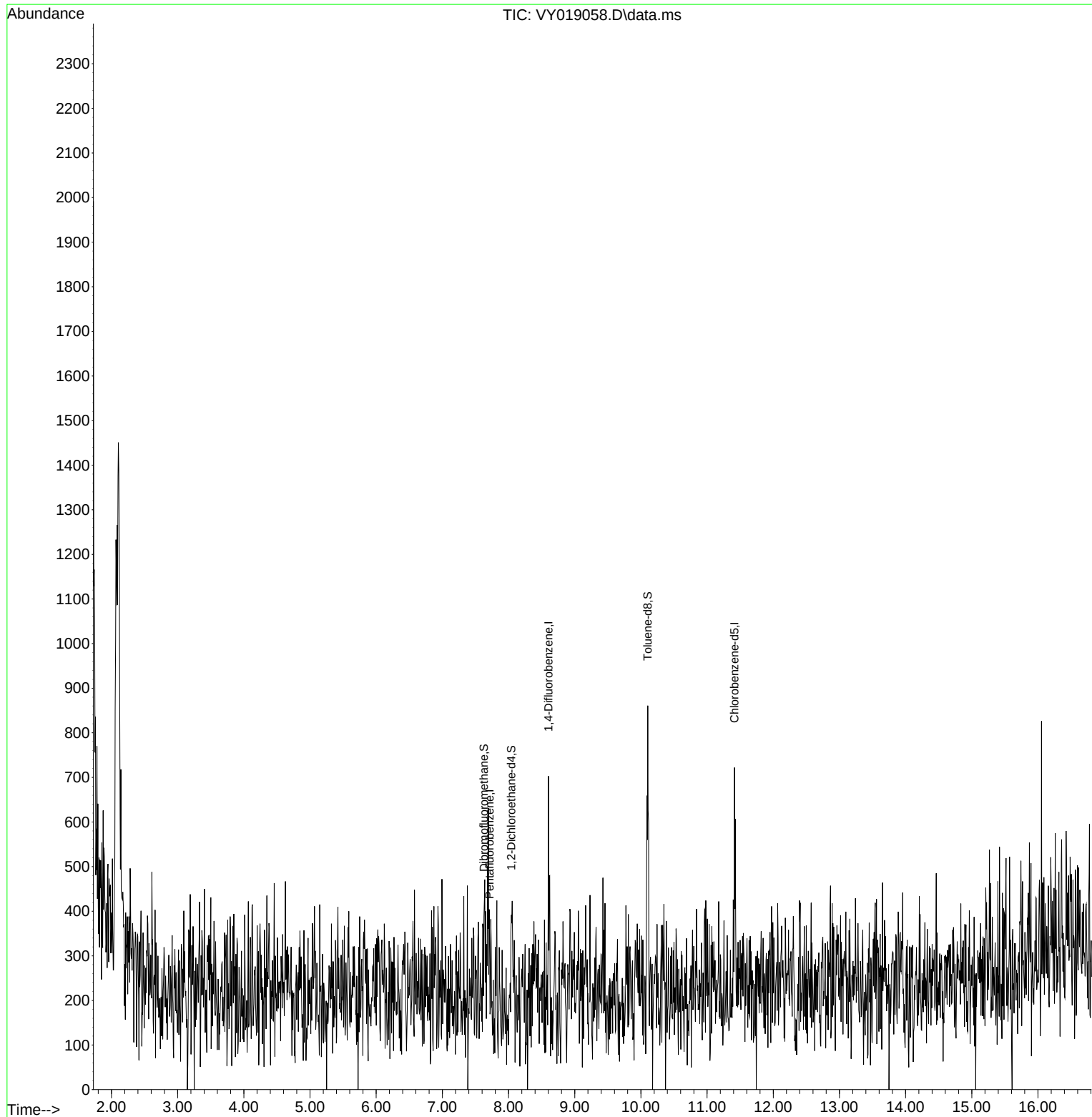
Target Compounds	Qvalue

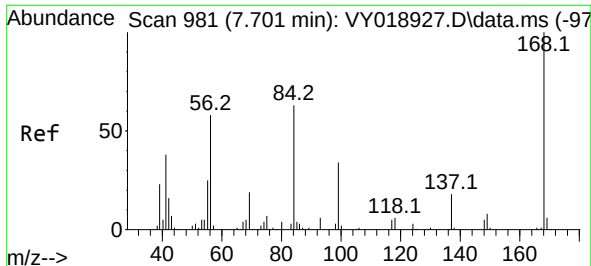
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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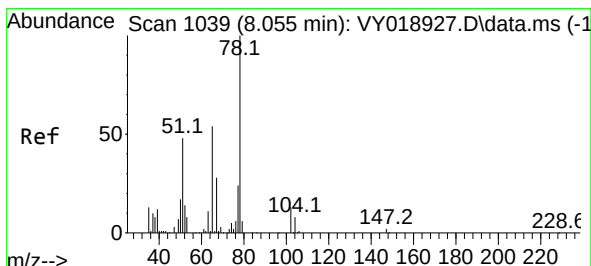
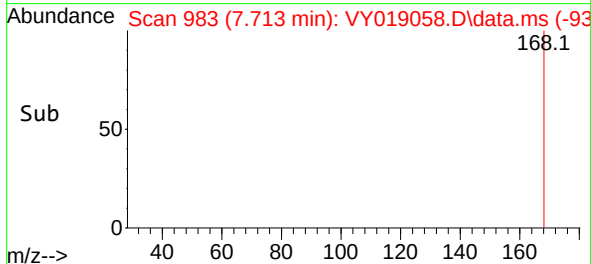
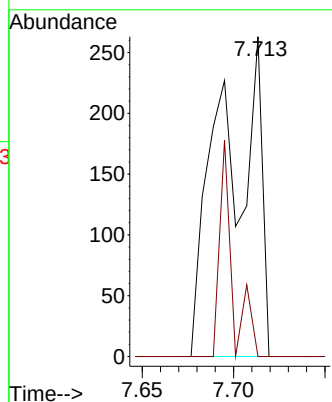
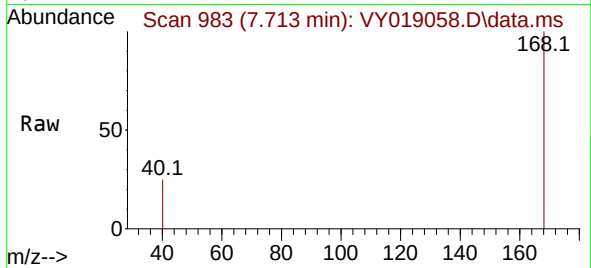




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 7.713 min Scan# 91
Delta R.T. 0.012 min
Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

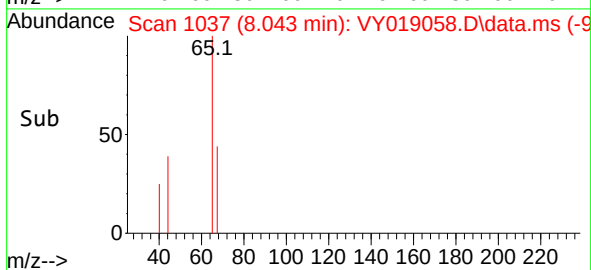
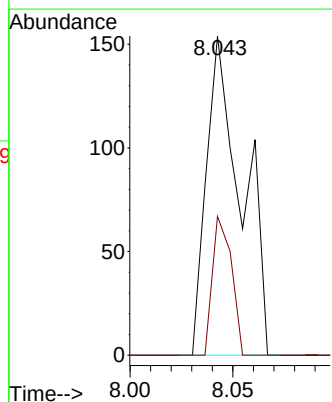
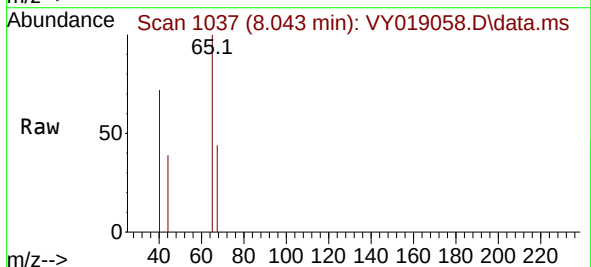
Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0.5-1-081224

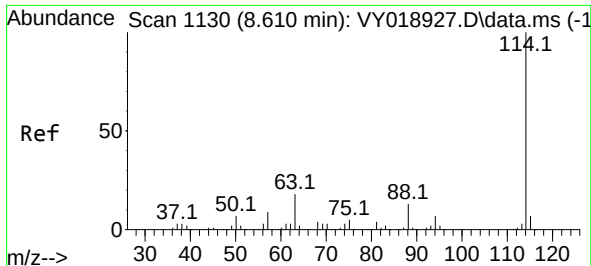
Tgt Ion:168 Resp: 381
Ion Ratio Lower Upper
168 100
99 0.0 39.1 58.7#



#33
1,2-Dichloroethane-d4
Concen: 54.706 ug/l
RT: 8.043 min Scan# 1037
Delta R.T. -0.012 min
Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

Tgt Ion: 65 Resp: 183
Ion Ratio Lower Upper
65 100
67 23.5 0.0 109.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 8.603 min Scan# 1129

Delta R.T. -0.006 min

Lab File: VY019058.D

Acq: 14 Aug 2024 15:01

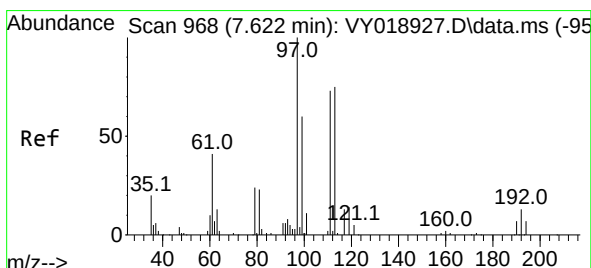
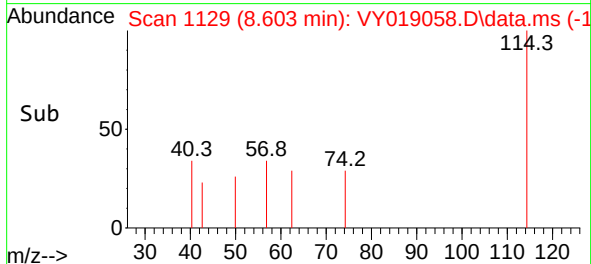
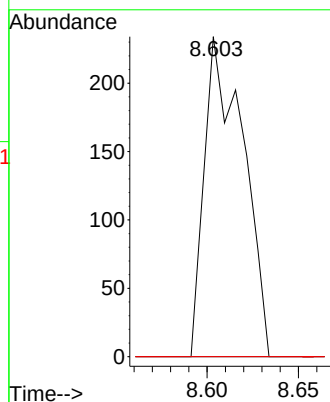
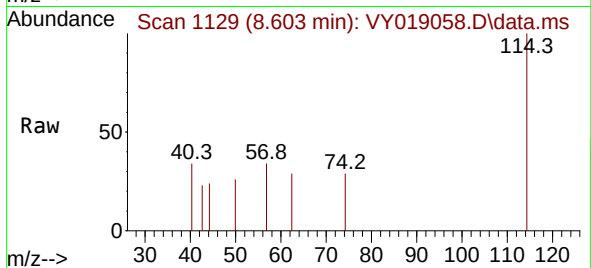
Instrument :

MSVOA_Y

ClientSampleId :

923-K1-SD-0.5-1-081224

Tgt Ion:114	Resp:	345
Ion	Ratio	Lower Upper
114	100	
63	0.0	0.0 35.0
88	0.0	0.0 27.2



#35

Dibromofluoromethane

Concen: 67.621 ug/l

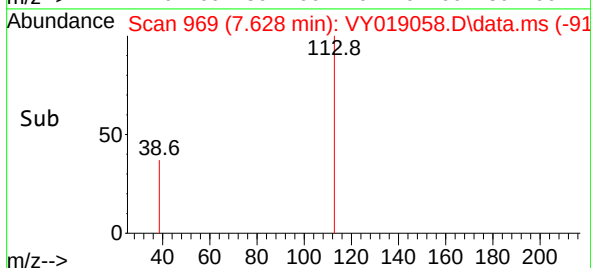
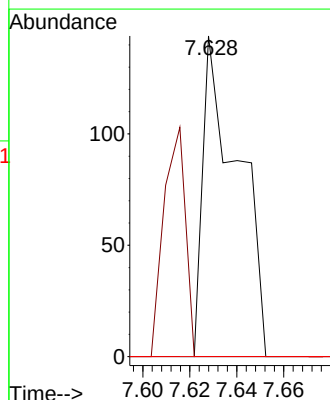
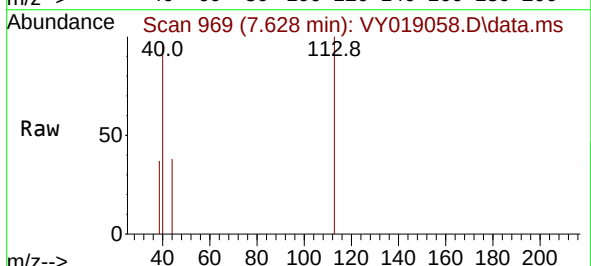
RT: 7.628 min Scan# 969

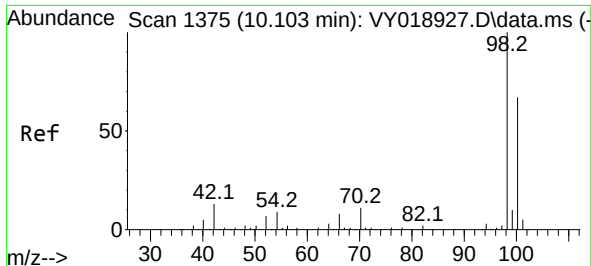
Delta R.T. 0.006 min

Lab File: VY019058.D

Acq: 14 Aug 2024 15:01

Tgt Ion:113	Resp:	149
Ion	Ratio	Lower Upper
113	100	
111	44.3	82.2 123.4#
192	0.0	15.9 23.9#

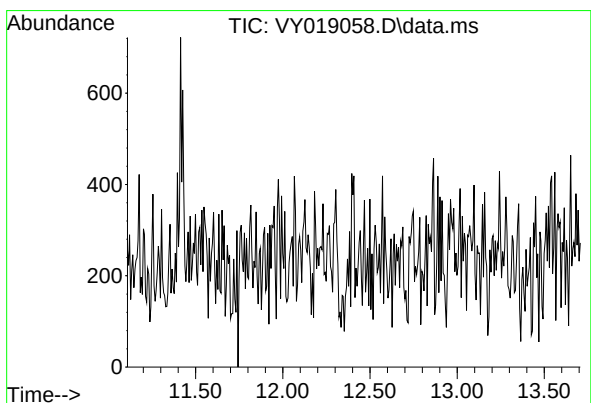
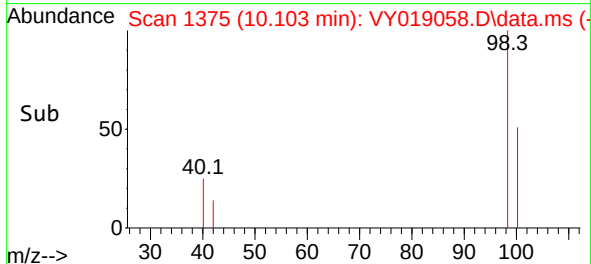
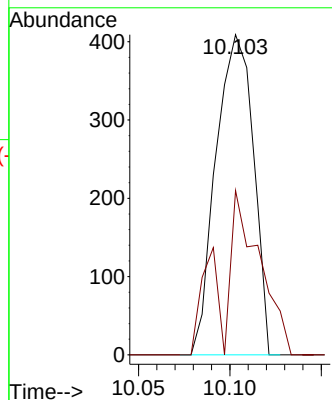
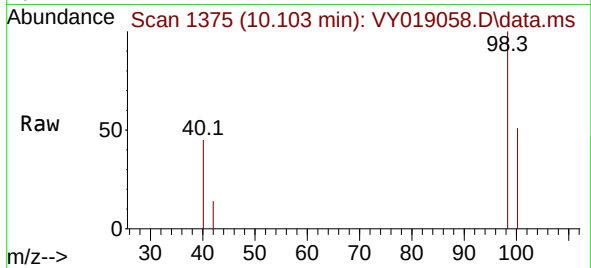




#50
Toluene-d8
Concen: 68.883 ug/l
RT: 10.103 min Scan# 11
Delta R.T. 0.000 min
Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

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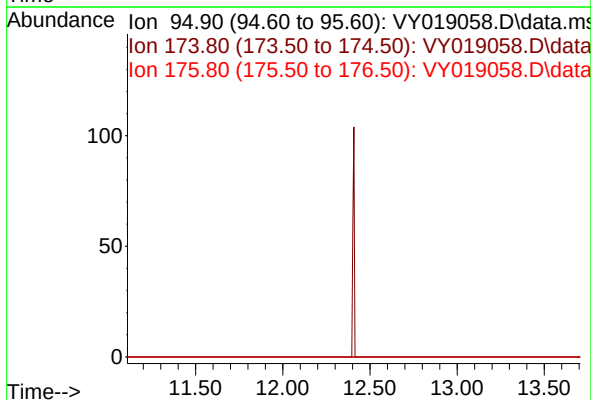
Tgt Ion: 98 Resp: 583
Ion Ratio Lower Upper
98 100
100 39.1 52.0 78.0#

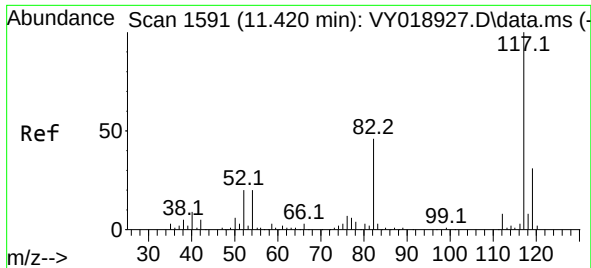


#62
4-Bromofluorobenzene
Concen: 0.000 ug/l
Expected RT: 12.41 min

Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

Tgt Ion: 95
Sig Exp Ratio
95 100
174 87.8
176 85.7

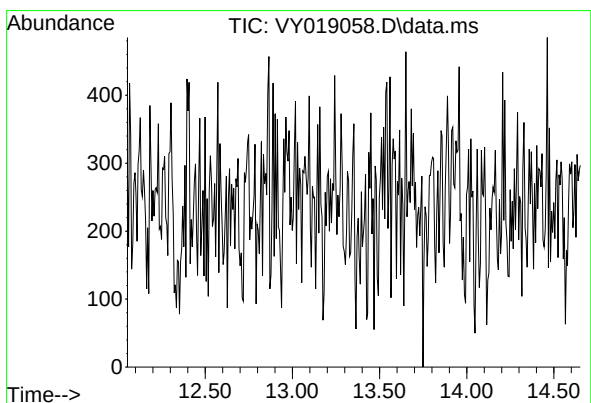
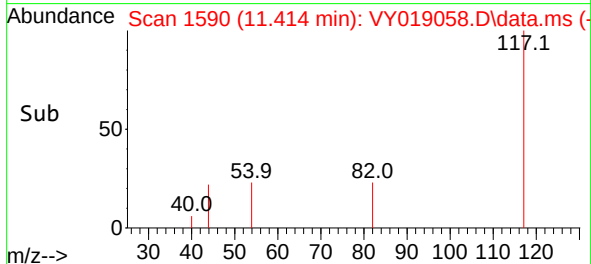
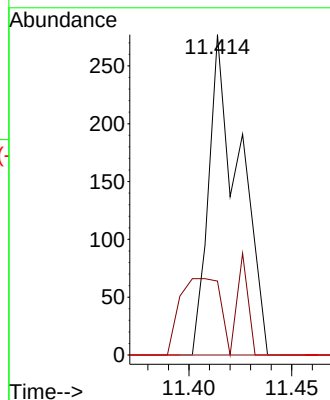
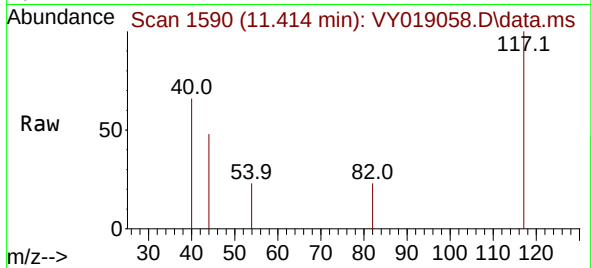




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.414 min Scan# 11
Delta R.T. -0.006 min
Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

Instrument :
MSVOA_Y
ClientSampleId :
923-K1-SD-0.5-1-081224

Tgt Ion:117 Resp: 291
Ion Ratio Lower Upper
117 100
82 23.1 42.4 63.6#
119 0.0 25.9 38.9#



#72
1,4-Dichlorobenzene-d4
Concen: 0.000 ug/l
Expected RT: 13.35 min

Lab File: VY019058.D
Acq: 14 Aug 2024 15:01

Tgt Ion: 152
Sig Exp Ratio
152 100
115 56.5
150 172.8

