

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022820\
 Data File : VX015055.D
 Acq On : 28 Feb 2020 11:49
 Operator : JC/SP
 Sample : L1699-06
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 MH-1-1-4-COMP

Quant Time: Mar 09 05:55:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X022120W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Sat Feb 22 00:37:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	68996	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	366604	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	335743	30.00	ug/l	0.00

System Monitoring Compounds						
27) 1,2-Dichloroethane-d4	6.05	65	142839	29.77	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	99.23%
60) 4-Bromofluorobenzene	11.13	95	144252	27.59	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	91.97%
63) Toluene-d8	8.71	98	432508	29.54	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.47%

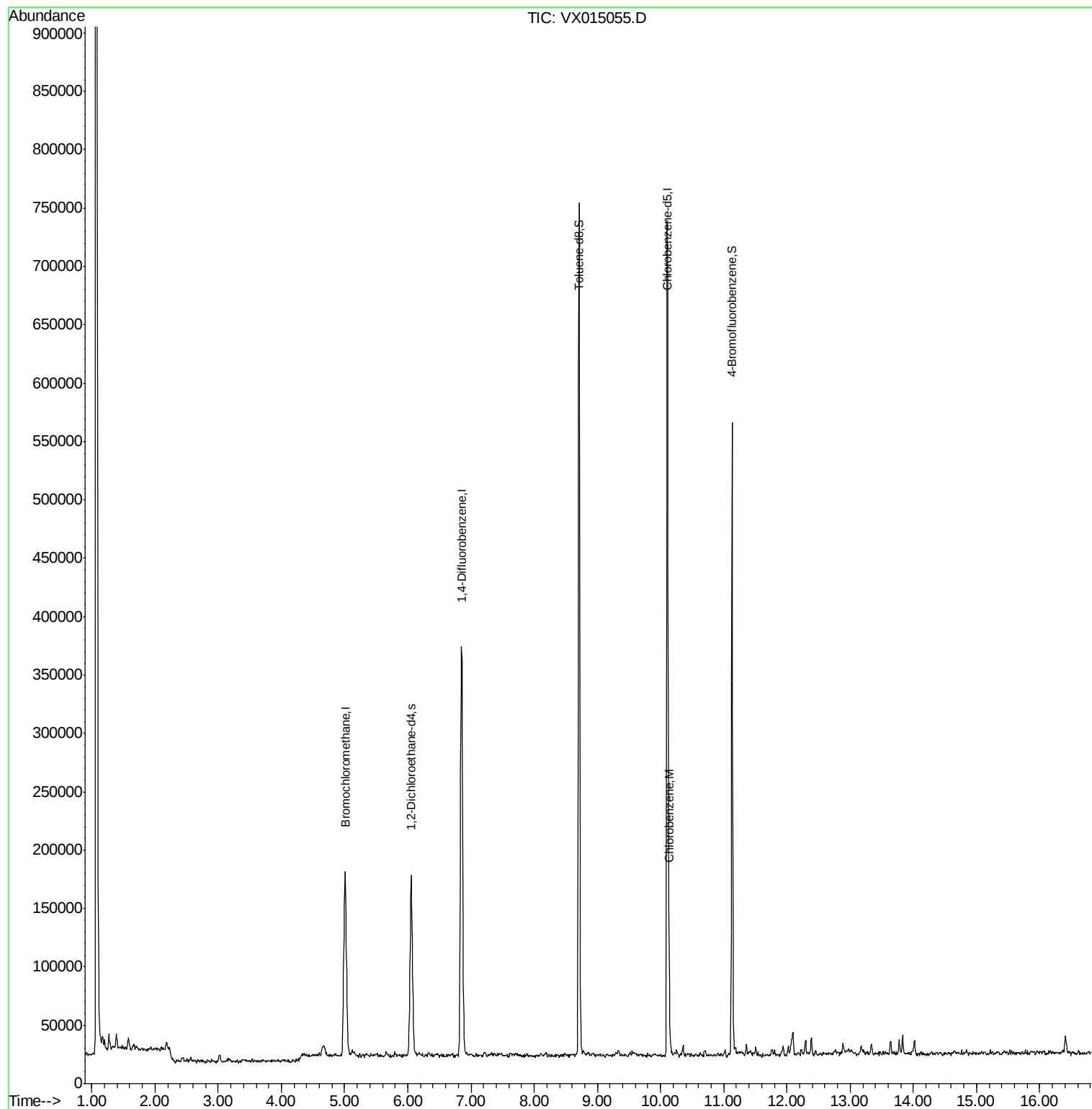
Target Compounds					Ovalue
64) Chlorobenzene	10.14	112	42562	3.877 ug/l	96

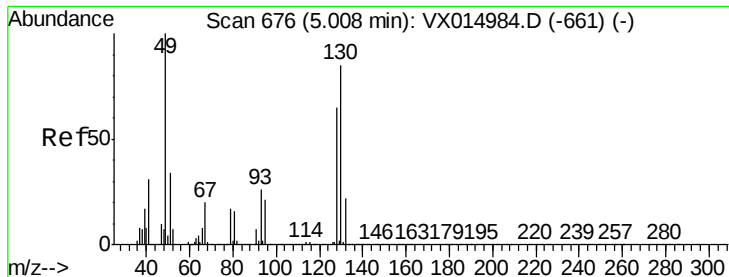
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Sat Feb 22 00:37:56 2020
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 676

Delta R.T. 0.00 min

Lab File: VX015055.D

Acq: 28 Feb 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

MH-1-1-4-COMP

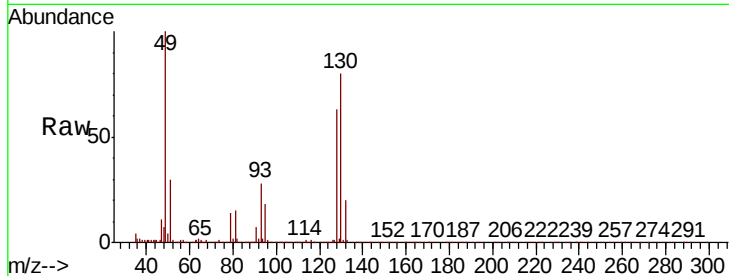
Tot Ion:128 Resp: 68996

Ion Ratio Lower Upper

128 100

49 159.6 0.0 384.7

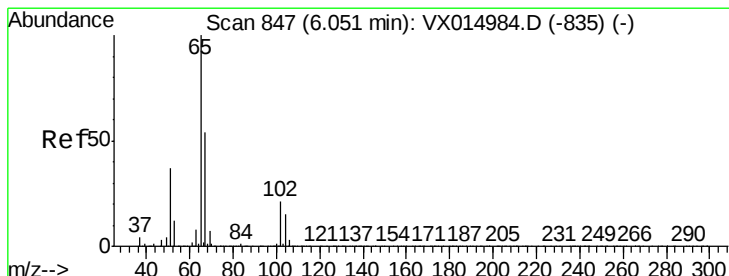
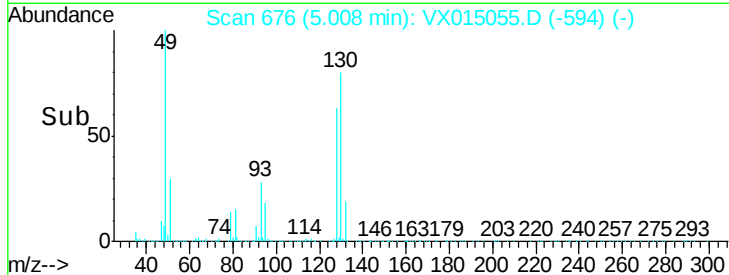
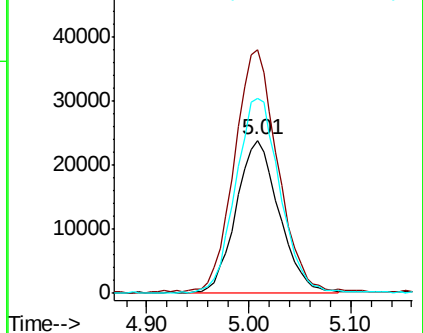
130 131.2 0.0 330.8



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 49.00 (48.70 to 49.70): VX0

Ion 130.00 (129.70 to 130.70): V



#27

1,2-Dichloroethane-d4

Concen: 29.772 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX015055.D

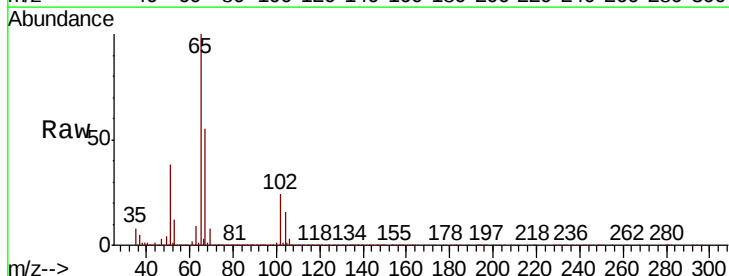
Acq: 28 Feb 2020 11:49

Tgt Ion: 65 Resp: 142839

Ion Ratio Lower Upper

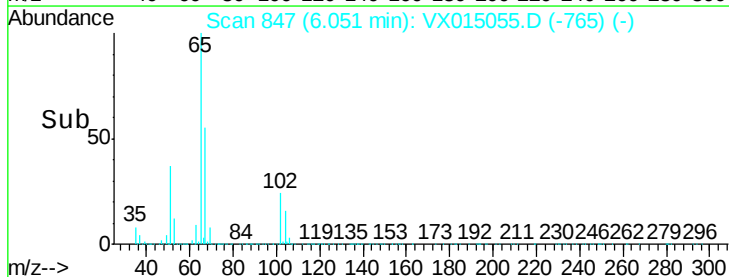
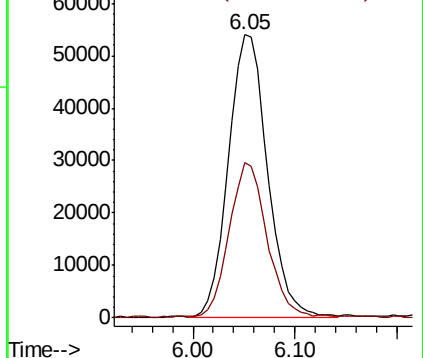
65 100

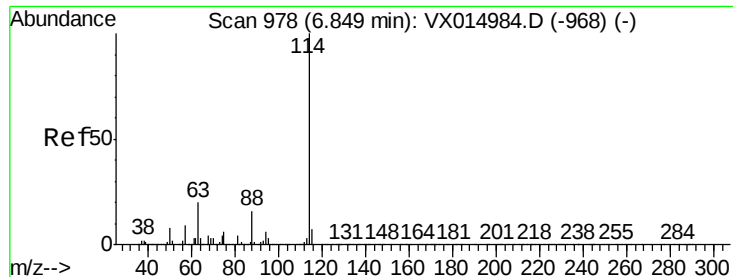
67 53.0 41.9 62.9



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

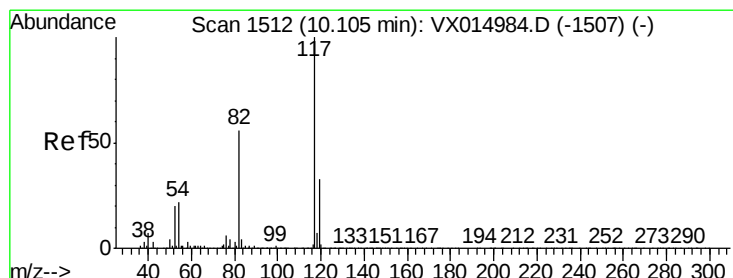
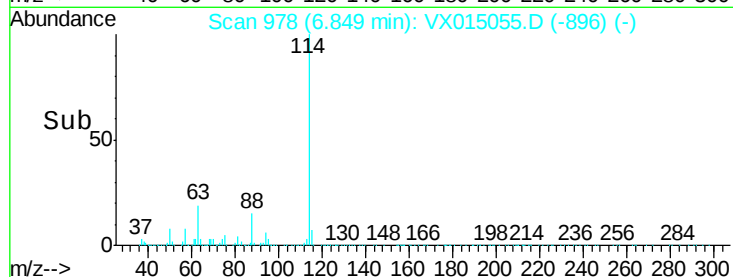
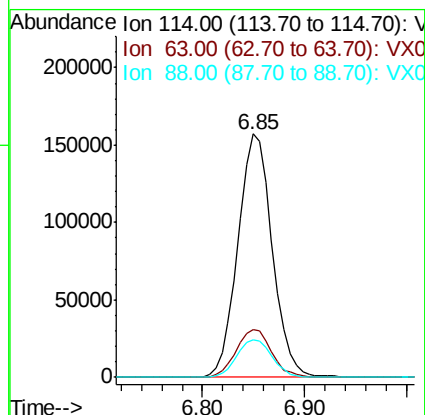
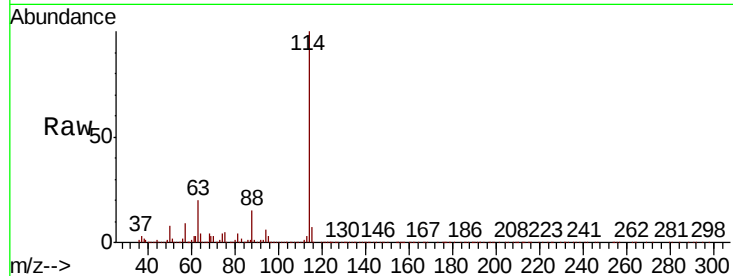




#28
1,4-Difluorobenzene
Concen: 30.000 ug/l
RT: 6.85 min Scan# 978
Delta R.T. 0.00 min
Lab File: VX015055.D
Acq: 28 Feb 2020 11:49

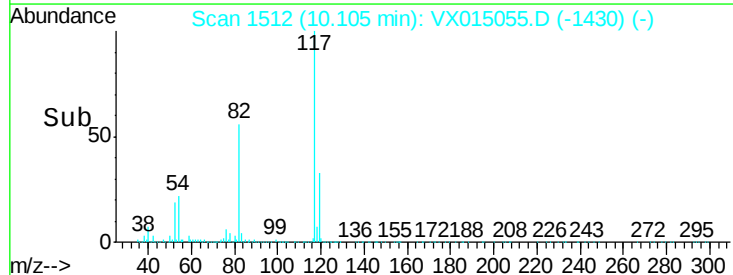
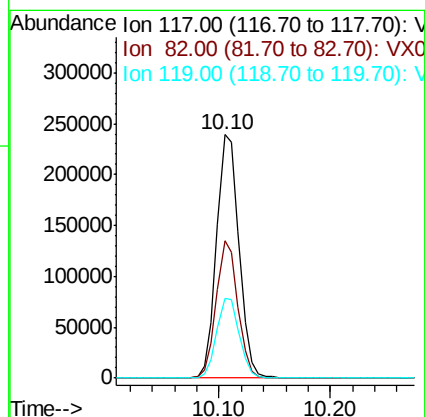
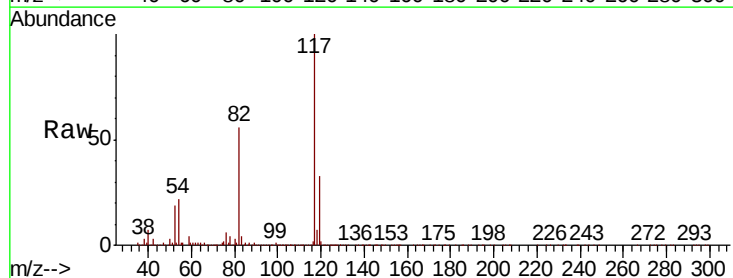
Instrument :
MSVOA_X
ClientSampleId :
MH-1-1-4-COMP

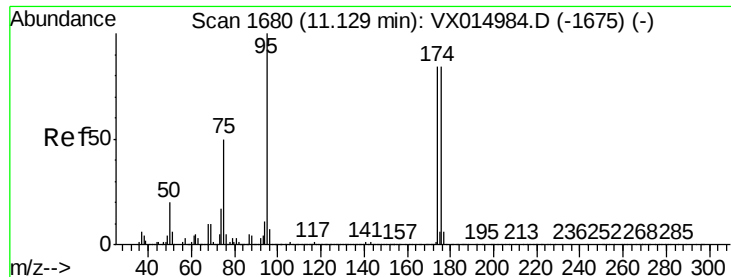
Tot Ion:114 Resp: 366604
Ion Ratio Lower Upper
114 100
63 19.9 15.6 23.4
88 15.8 12.2 18.2



#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.10 min Scan# 1512
Delta R.T. 0.00 min
Lab File: VX015055.D
Acq: 28 Feb 2020 11:49

Tgt Ion:117 Resp: 335743
Ion Ratio Lower Upper
117 100
82 54.2 43.4 65.2
119 32.8 26.0 39.0

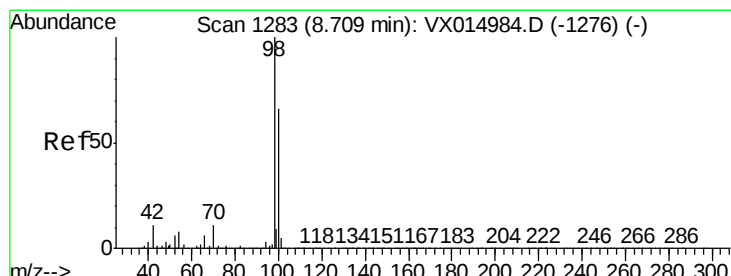
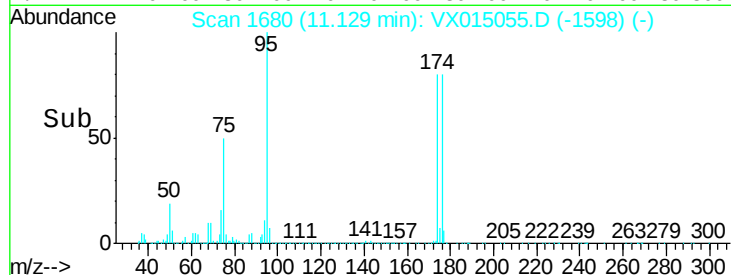
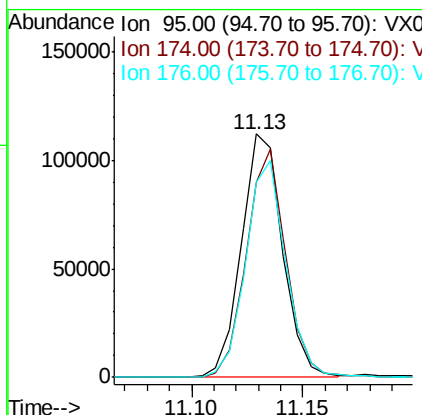
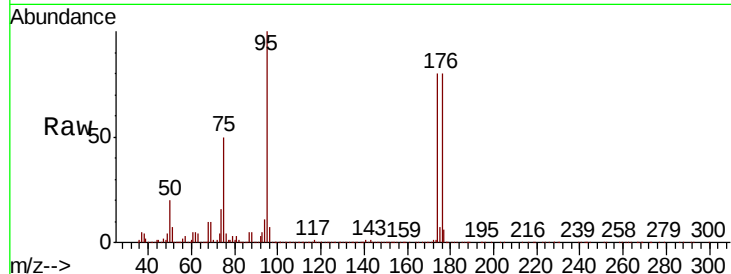




#60
4-Bromofluorobenzene
Concen: 27.586 ug/l
RT: 11.13 min Scan# 1680
Delta R.T. 0.00 min
Lab File: VX015055.D
Acq: 28 Feb 2020 11:49

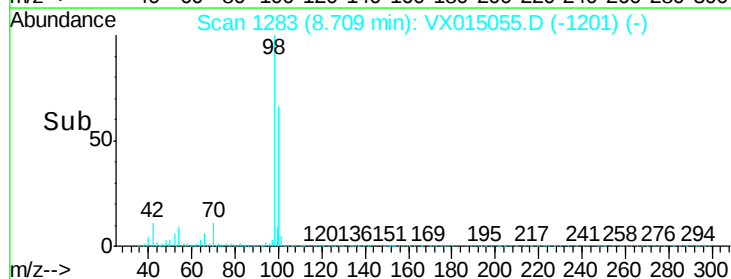
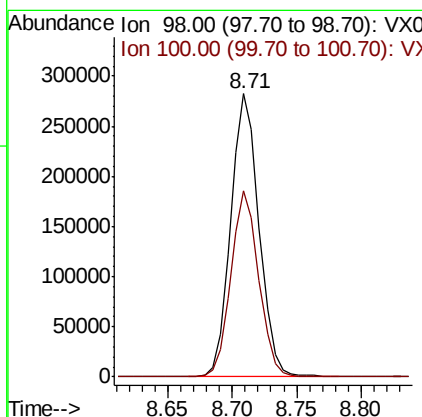
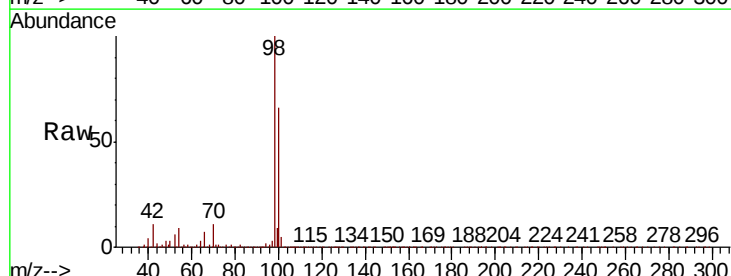
Instrument :
MSVOA_X
ClientSampleId :
MH-1-1-4-COMP

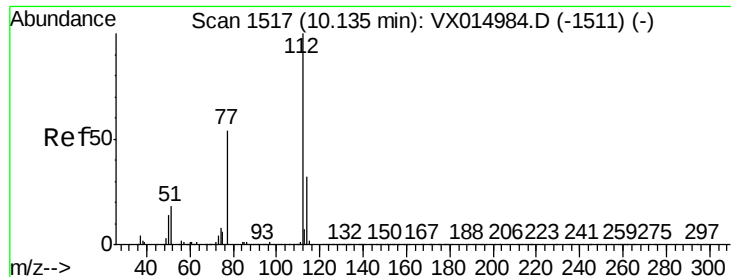
Tot Ion	Ratio	Lower	Upper
95	100		
174	90.3	72.3	108.5
176	87.3	72.0	108.0



#63
Toluene-d8
Concen: 29.540 ug/l
RT: 8.71 min Scan# 1283
Delta R.T. 0.00 min
Lab File: VX015055.D
Acq: 28 Feb 2020 11:49

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.6	52.8	79.2





#64

Chlorobenzene

Concen: 3.877 ug/l

RT: 10.14 min Scan# 1517

Delta R.T. 0.00 min

Lab File: VX015055.D

Acq: 28 Feb 2020 11:49

Instrument :

MSVOA_X

ClientSampleId :

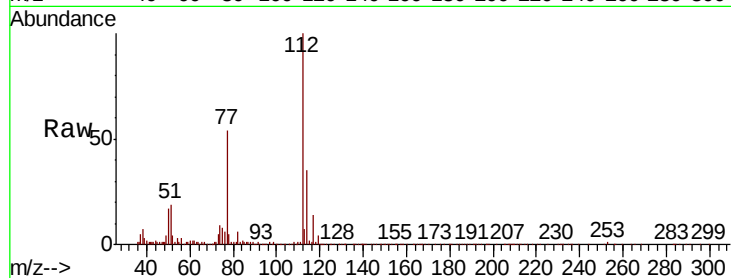
MH-1-1-4-COMP

Tot Ion:112 Resp: 42562

Ion Ratio Lower Upper

112 100

114 34.4 25.8 38.6



Abundance Ion 112.00 (111.70 to 112.70): V

Ion 114.00 (113.70 to 114.70): V

