

Data File : VX017282.D
Acq On : 09 Jul 2020 01:41
Operator : JC/SP
Sample : L3235-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 41 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-023

Quant Time: Jul 09 05:02:38 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\624X062520W.M
Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Fri Jun 26 09:03:25 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	4.98	128	49241	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.84	114	251805	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.10	117	219023	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.03	65	107141	27.95	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	93.17%
60) 4-Bromofluorobenzene	11.12	95	107175	29.34	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	97.80%
63) Toluene-d8	8.70	98	247992	25.69	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	85.63%

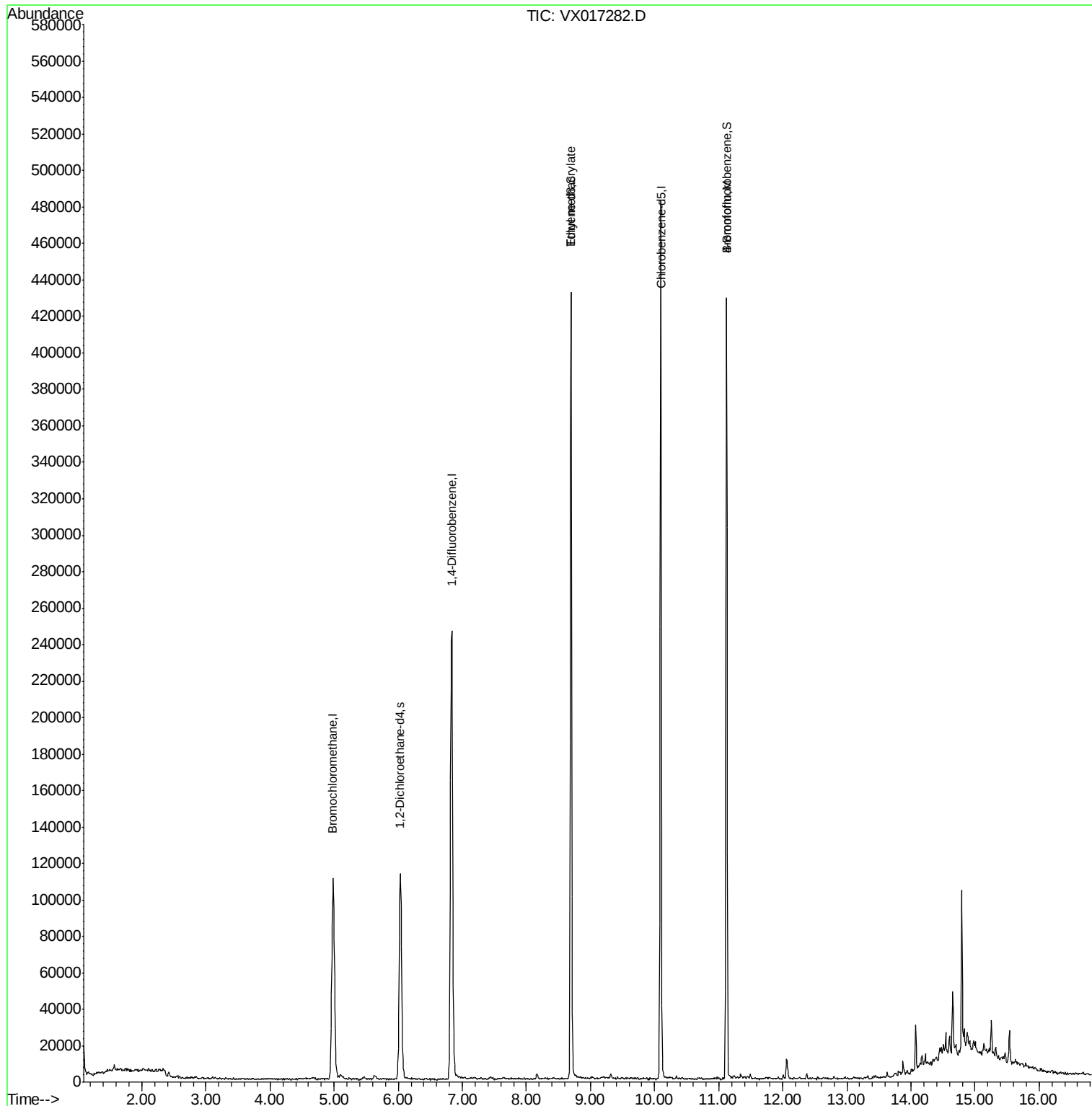
Target Compounds					Qvalue
51) Ethyl methacrylate	8.70	69	932	0.203 ug/l	85
56) Bromoform	11.12	173	1142	0.468 ug/l #	1

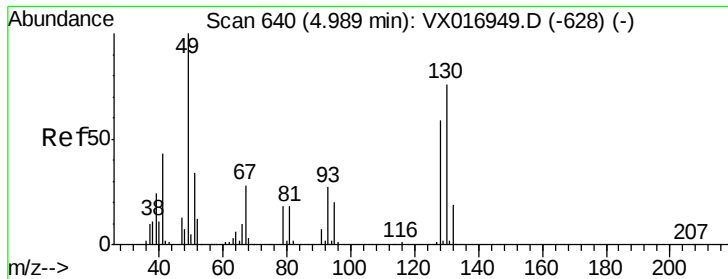
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 4.98 min Scan# 639

Delta R.T. -0.01 min

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MSVOA_X

ClientSampleId :

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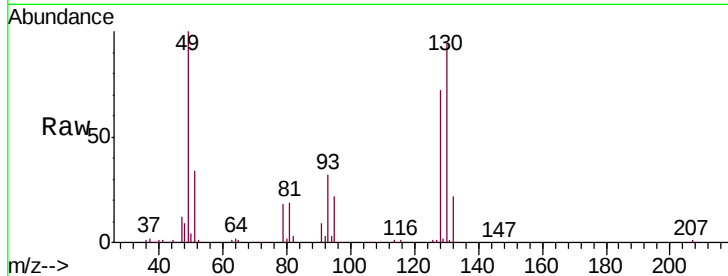
Tgt Ion:128 Resp: 49241

Ion Ratio Lower Upper

128 100

49 148.0 0.0 428.0

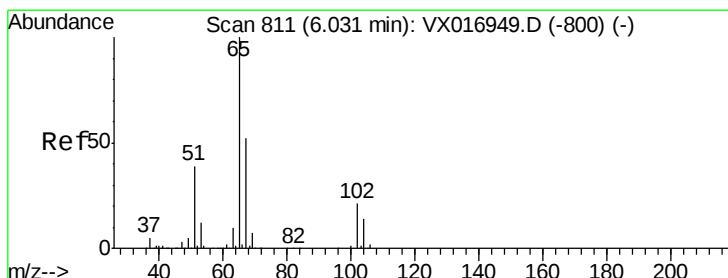
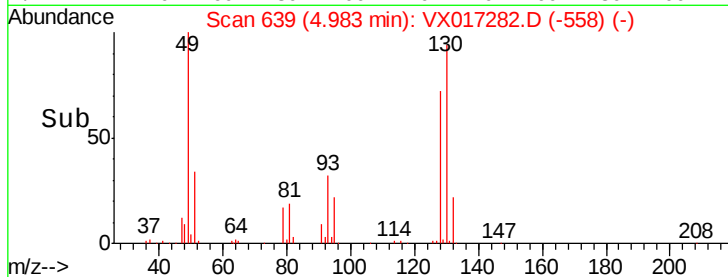
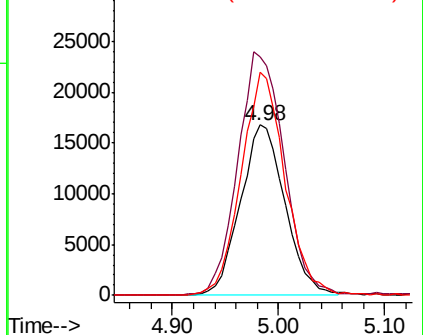
130 128.5 0.0 318.0



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: 27.955 ug/l

RT: 6.03 min Scan# 811

Delta R.T. -0.00 min

Lab File: VX017282.D

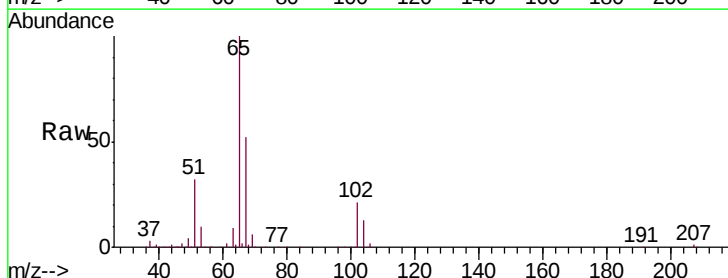
Acq: 09 Jul 2020 01:41

Tgt Ion: 65 Resp: 107141

Ion Ratio Lower Upper

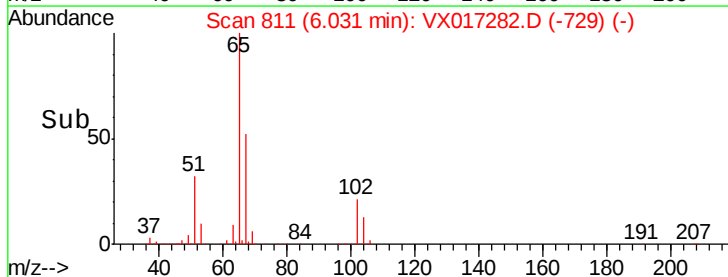
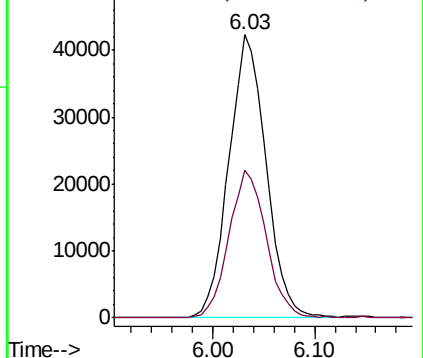
65 100

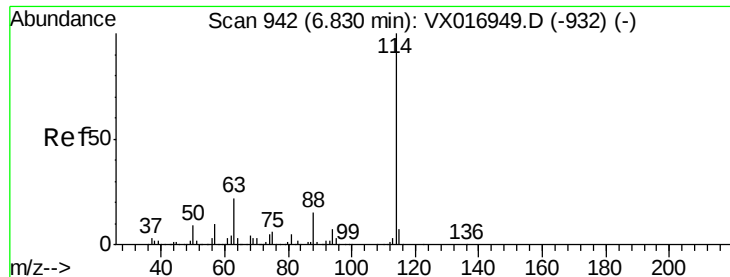
67 52.0 41.5 62.3



Abundance Ion 65.00 (64.70 to 65.70): VX0

Ion 67.00 (66.70 to 67.70): VX0

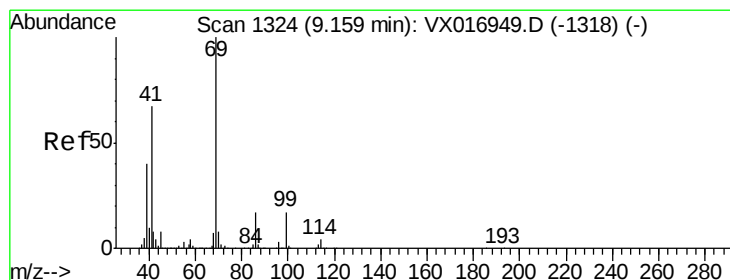
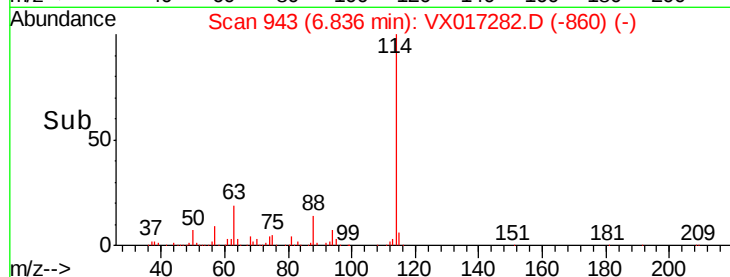
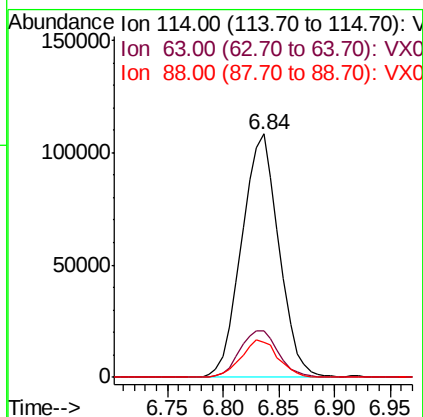
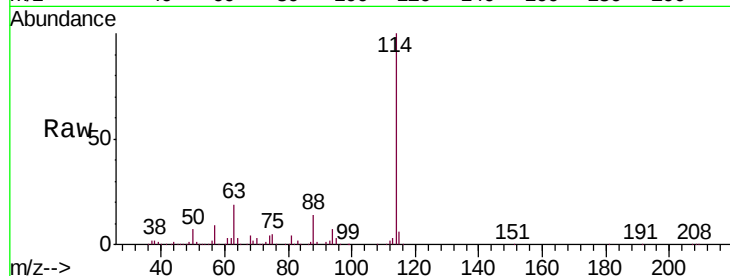




#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.84 min Scan# 943
 Delta R.T. 0.01 min
 Lab File: VX017282.D
 Acq: 09 Jul 2020 01:41

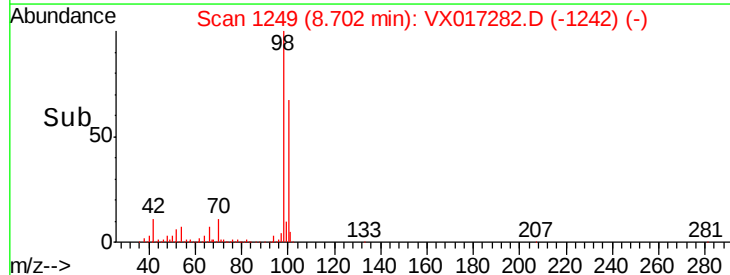
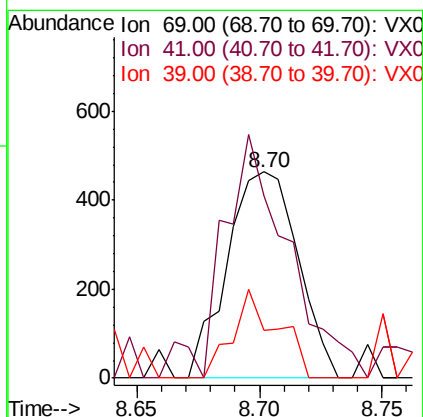
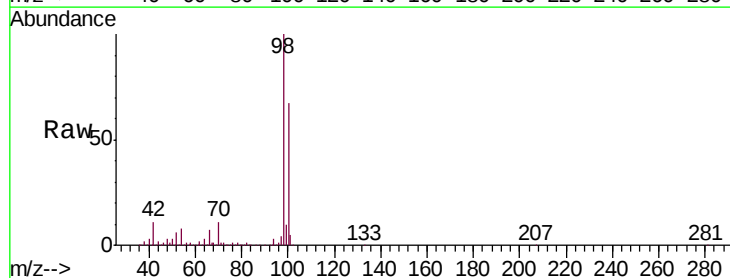
Instrument :
 MSVOA_X
 ClientSampleId :
 WGM-20-WW-TSF-023

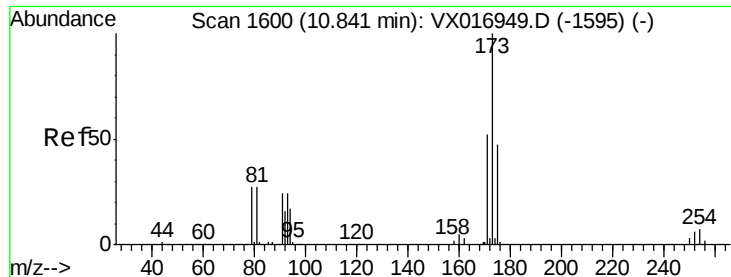
Tgt Ion	Ratio	Lower	Upper
114	100		
63	19.9	17.4	26.2
88	15.4	13.0	19.6



#51
 Ethyl methacrylate
 Concen: 0.203 ug/l
 RT: 8.70 min Scan# 1249
 Delta R.T. -0.46 min
 Lab File: VX017282.D
 Acq: 09 Jul 2020 01:41

Tgt Ion	Ratio	Lower	Upper
69	100		
41	73.5	33.7	101.1
39	23.5	19.9	59.7





#56

Bromoform

Concen: 0.468 ug/l

RT: 11.12 min Scan# 1646

Delta R.T. 0.28 min

Lab File: VX017282.D

Acq: 09 Jul 2020 01:41

Instrument :

MSVOA_X

ClientSampleId :

WGGM-20-WW-TSF-023

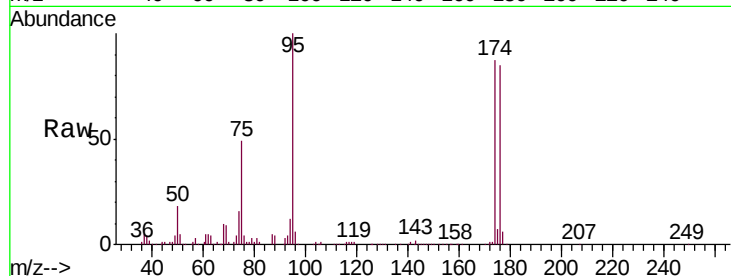
Tgt Ion:173 Resp: 1142

Ion Ratio Lower Upper

173 100

175 645.2 38.7 58.1#

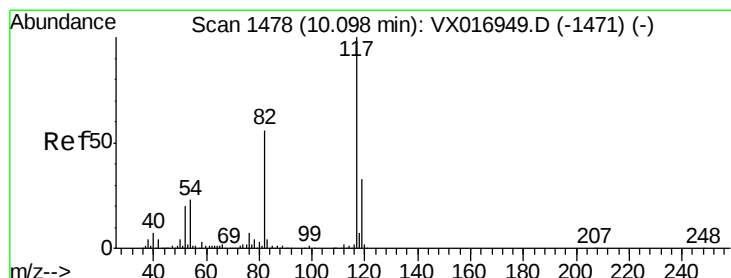
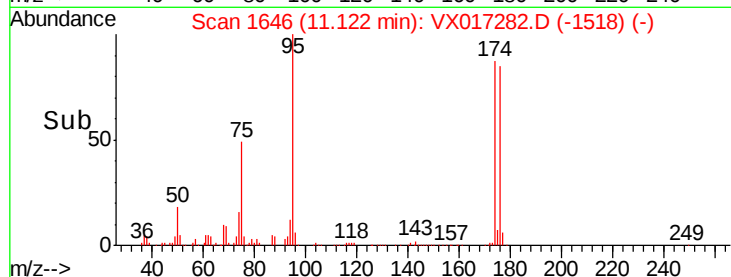
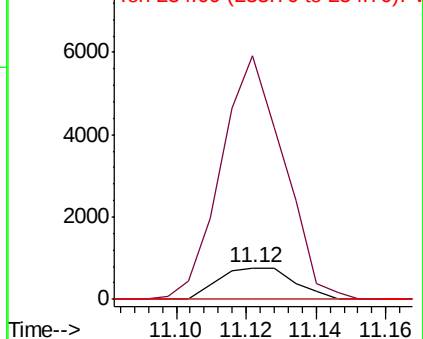
254 0.0 5.8 8.6#



Abundance Ion 173.00 (172.70 to 173.70): V

Ion 175.00 (174.70 to 175.70): V

Ion 254.00 (253.70 to 254.70): V



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.10 min Scan# 1478

Delta R.T. -0.00 min

Lab File: VX017282.D

Acq: 09 Jul 2020 01:41

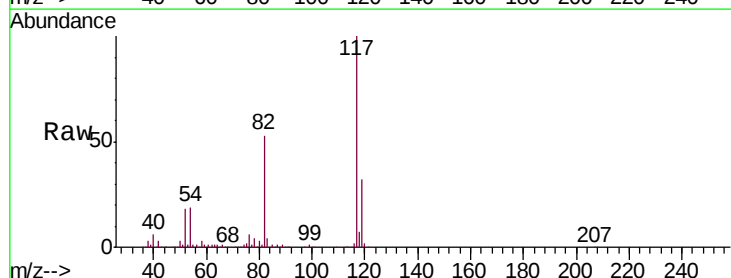
Tgt Ion:117 Resp: 219023

Ion Ratio Lower Upper

117 100

82 53.6 44.9 67.3

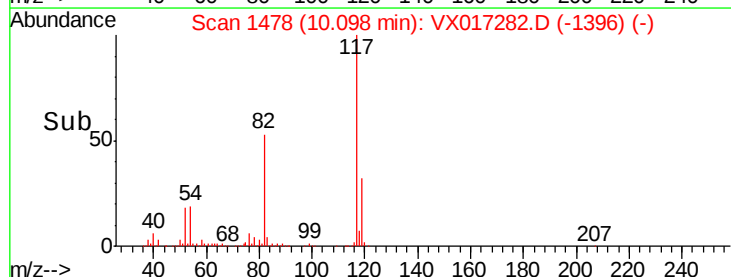
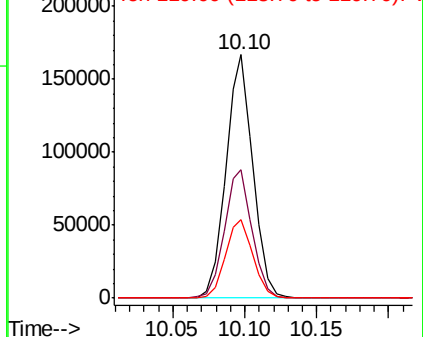
119 33.0 25.8 38.8

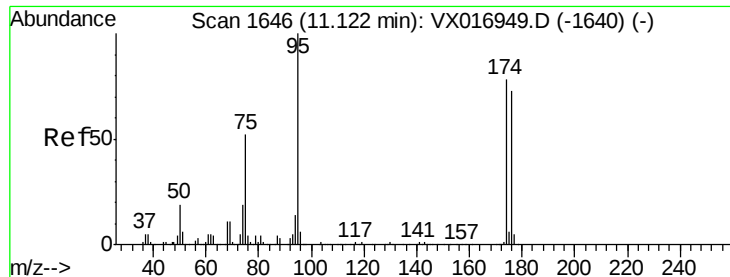


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): V

Ion 119.00 (118.70 to 119.70): V

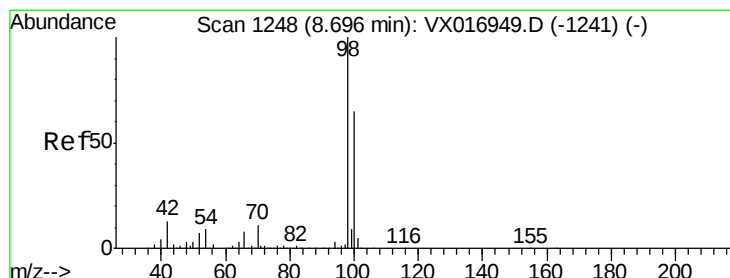
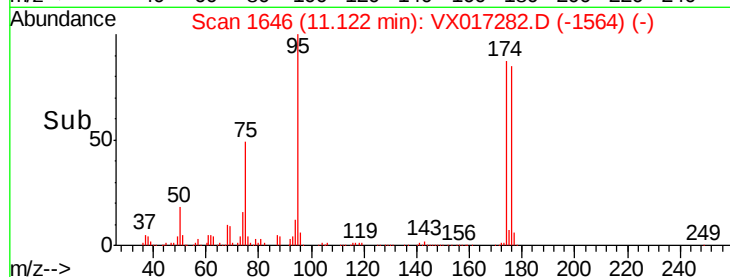
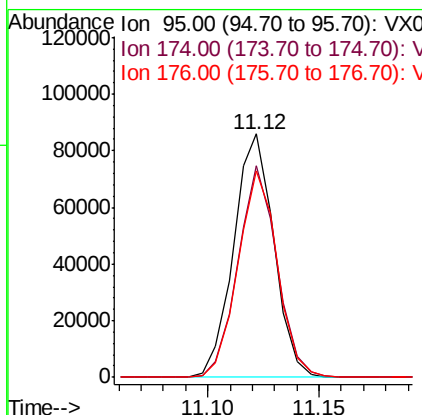
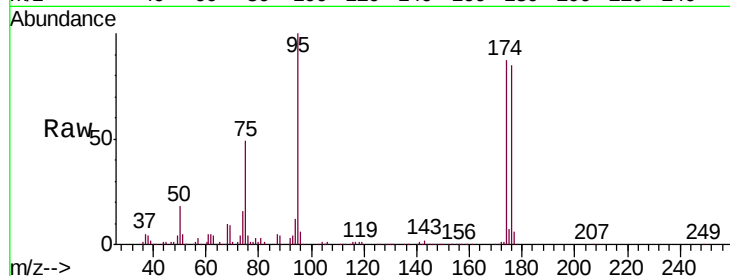




#60
4-Bromofluorobenzene
Concen: 29.341 ug/l
RT: 11.12 min Scan# 1646
Delta R.T. -0.00 min
Lab File: VX017282.D
Acq: 09 Jul 2020 01:41

Instrument :
MSVOA_X
ClientSampleId :
WGGM-20-WW-TSF-023

Tgt Ion: 95 Resp: 107175
Ion Ratio Lower Upper
95 100
174 84.9 62.2 93.4
176 83.6 58.9 88.3



#63
Toluene-d8
Concen: 25.686 ug/l
RT: 8.70 min Scan# 1248
Delta R.T. -0.00 min
Lab File: VX017282.D
Acq: 09 Jul 2020 01:41

Tgt Ion: 98 Resp: 247992
Ion Ratio Lower Upper
98 100
100 65.6 52.3 78.5

