

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007659.D
 Acq On : 22 Feb 2019 14:56
 Operator : JC/SP
 Sample : K1570-05
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 10-10

Quant Time: Feb 23 01:14:31 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X021319W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Feb 13 07:51:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.03	128	66766	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	331463	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	292146	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	133399	30.89	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.97%
60) 4-Bromofluorobenzene	11.13	95	123826	27.62	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.07%
63) Toluene-d8	8.71	98	392804	29.75	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.17%

Target Compounds

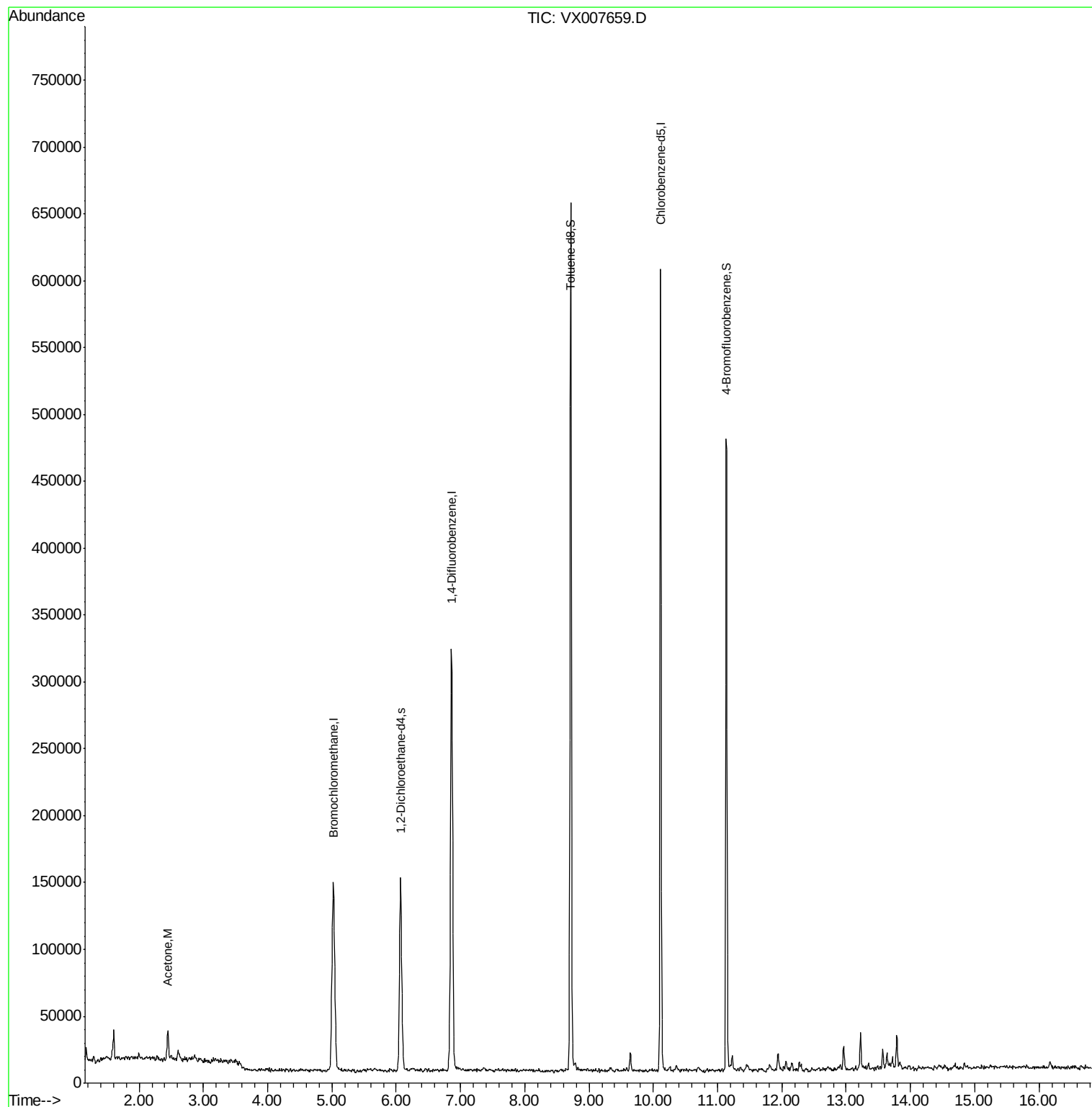
					Ovalue
15) Acetone	2.45	58	7412	11.718	ug/l 99

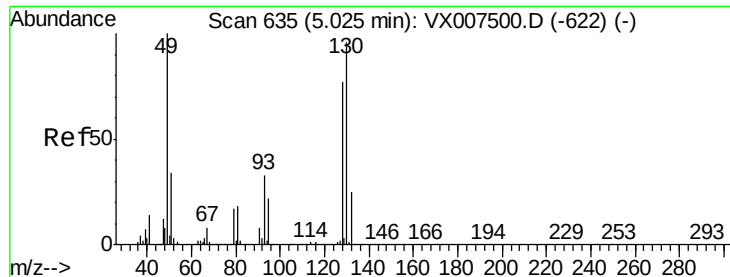
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.03 min Scan# 635

Delta R.T. -0.00 min

Lab File: VX007659.D

Acq: 22 Feb 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

10-10

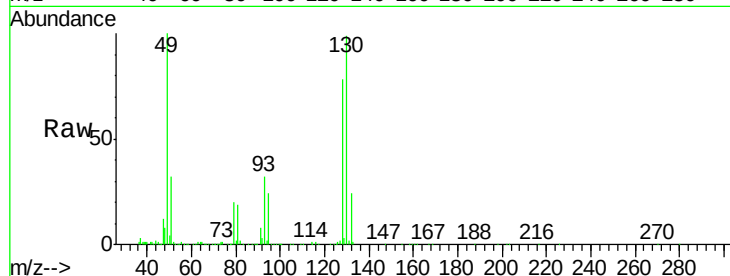
Tot Ion:128 Resp: 66766

Ion Ratio Lower Upper

128 100

49 135.4 0.0 350.8

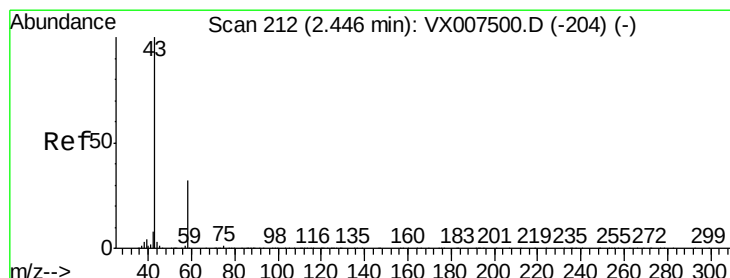
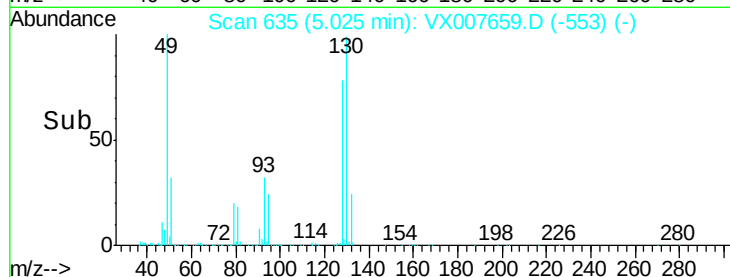
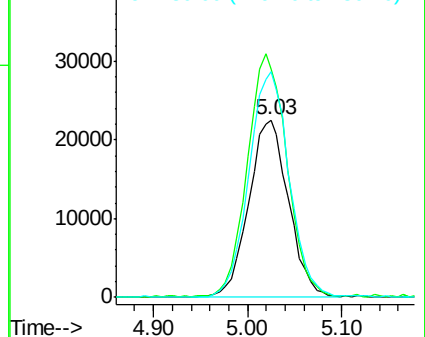
130 128.5 0.0 325.8



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



#15

Acetone

Concen: 11.718 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX007659.D

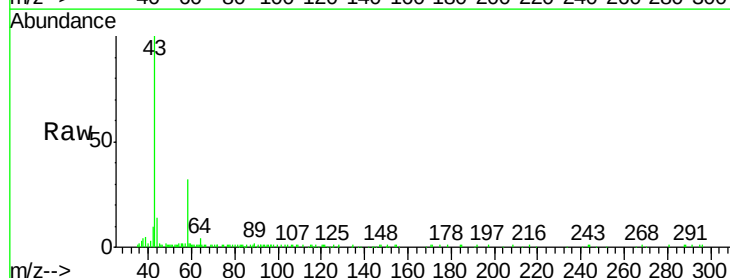
Acq: 22 Feb 2019 14:56

Tgt Ion: 58 Resp: 7412

Ion Ratio Lower Upper

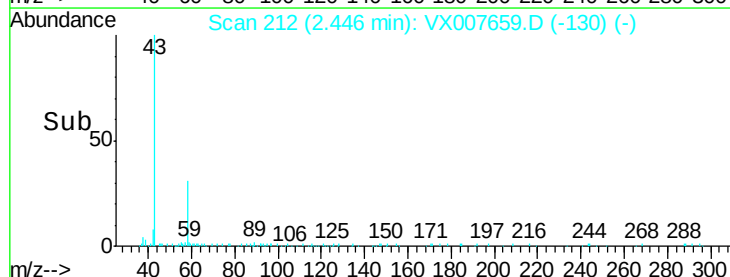
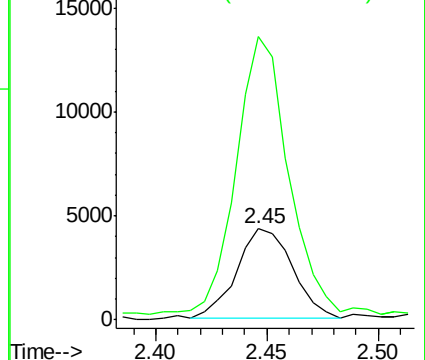
58 100

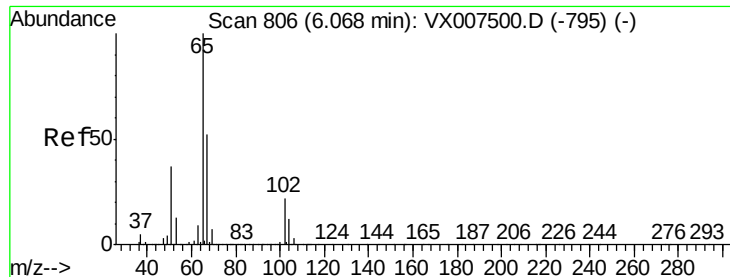
43 309.9 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.887 ug/l

RT: 6.07 min Scan# 806

Delta R.T. -0.00 min

Lab File: VX007659.D

Acq: 22 Feb 2019 14:56

Instrument :

MSVOA_X

ClientSampleId :

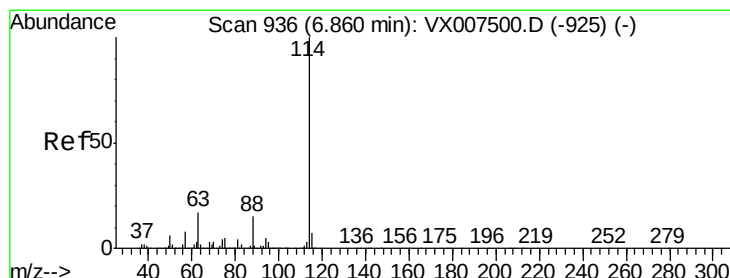
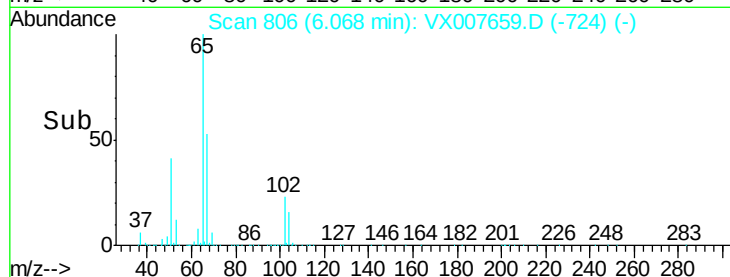
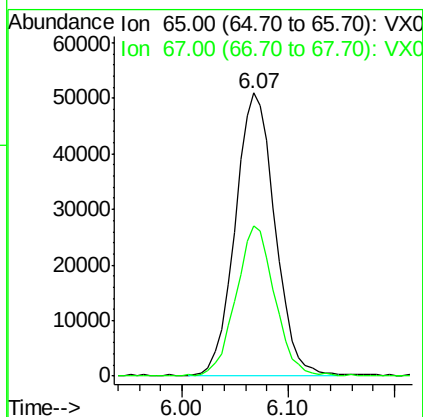
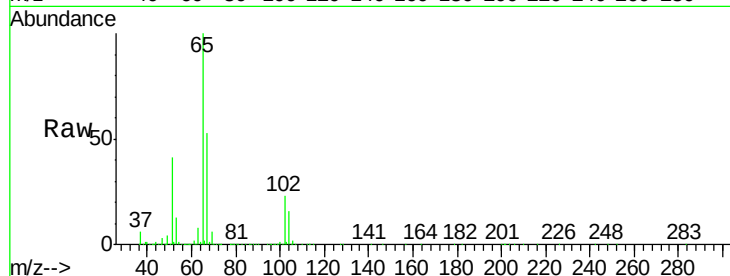
10-10

Tot Ion: 65 Resp: 133399

Ion Ratio Lower Upper

65 100

67 51.4 42.9 64.3



#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX007659.D

Acq: 22 Feb 2019 14:56

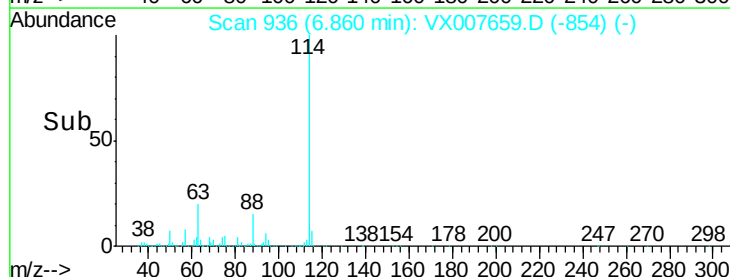
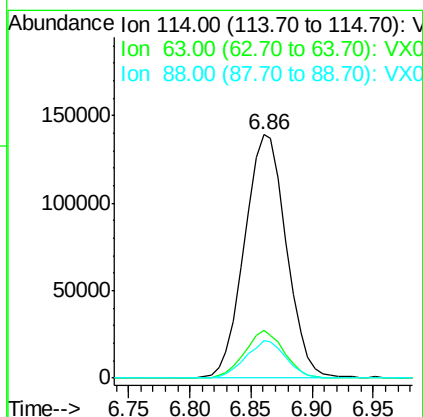
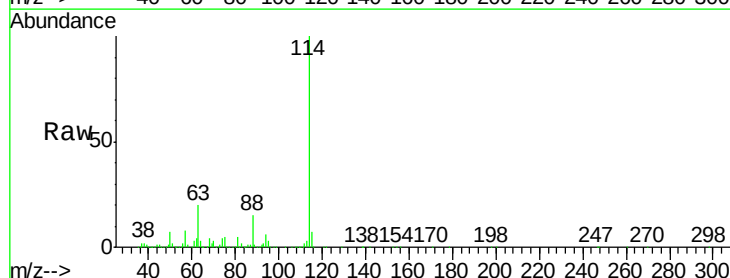
Tgt Ion: 114 Resp: 331463

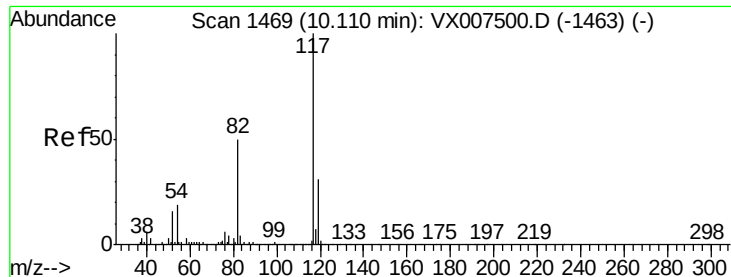
Ion Ratio Lower Upper

114 100

63 18.6 14.2 21.4

88 14.8 11.9 17.9

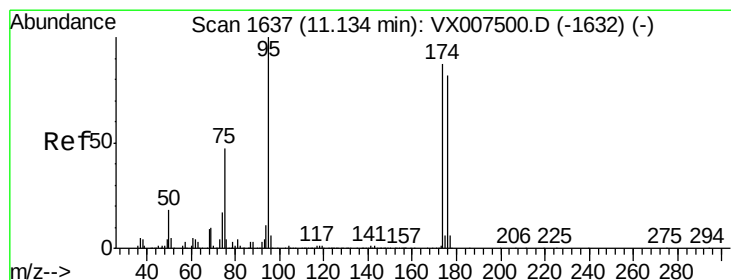
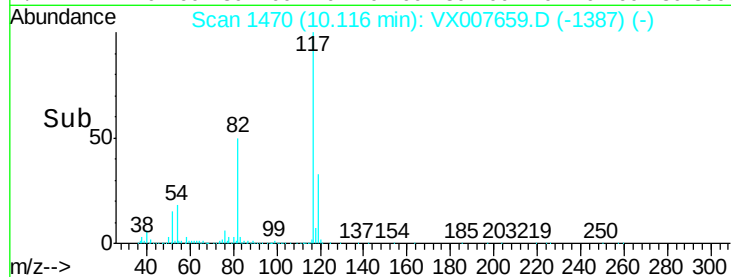
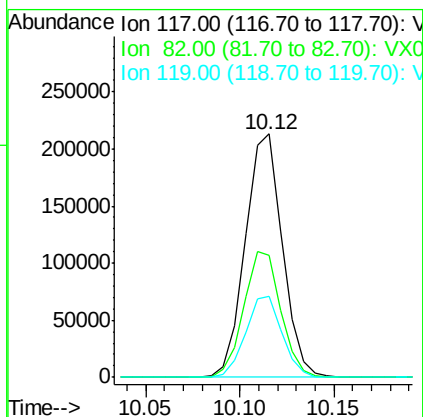
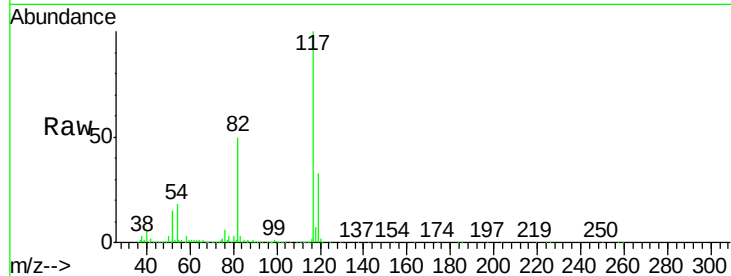




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007659.D
Acq: 22 Feb 2019 14:56

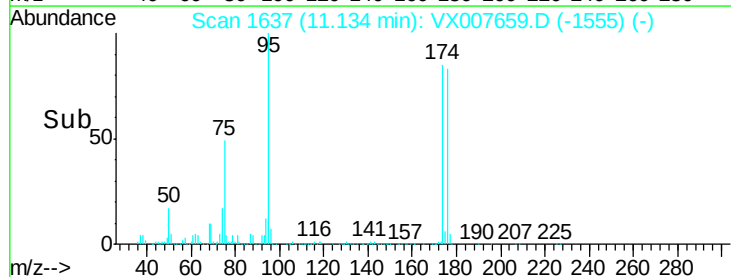
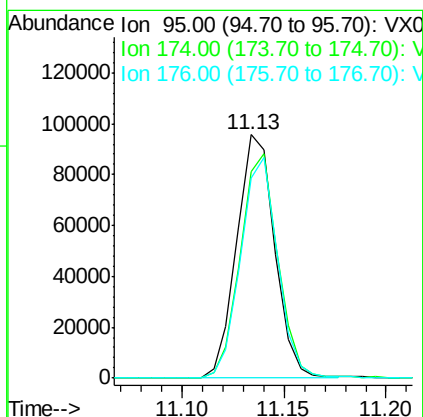
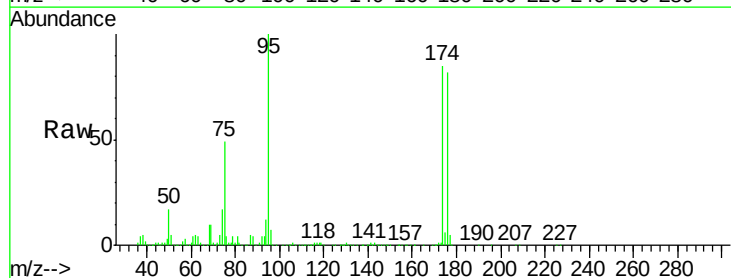
Instrument :
MSVOA_X
ClientSampled :
10-10

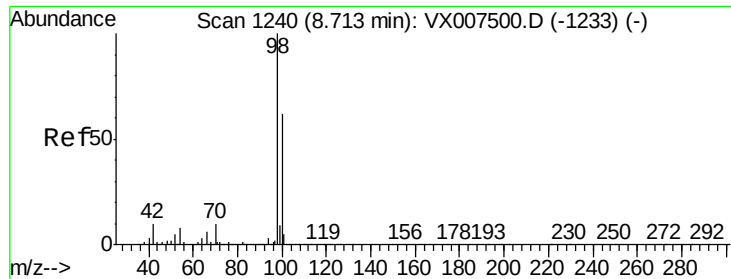
Tot Ion	Ratio	Lower	Upper
117	100		
82	51.8	40.4	60.6
119	32.7	25.8	38.6



#60
4-Bromofluorobenzene
Concen: 27.616 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX007659.D
Acq: 22 Feb 2019 14:56

Tgt Ion	Ratio	Lower	Upper
95	100		
174	91.4	74.9	112.3
176	88.6	70.7	106.1





#63

Toluene-d8

Concen: 29.748 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX007659.D

Acq: 22 Feb 2019 14:56

Instrument :
MSVOA_X
ClientSampleId :
10-10

Tot Ion: 98 Resp: 392804

Ion Ratio Lower Upper

98 100

100 62.5 50.9 76.3

