

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX050319\
 Data File : VX009302.D
 Acq On : 03 May 2019 11:00
 Operator : JC/SP
 Sample : K2670-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: May 03 14:12:33 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X050119W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Thu May 02 06:46:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	30914	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	177050	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	154638	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	77616	30.27	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.90%
60) 4-Bromofluorobenzene	11.13	95	73220	27.86	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.87%
63) Toluene-d8	8.71	98	222015	30.28	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.93%

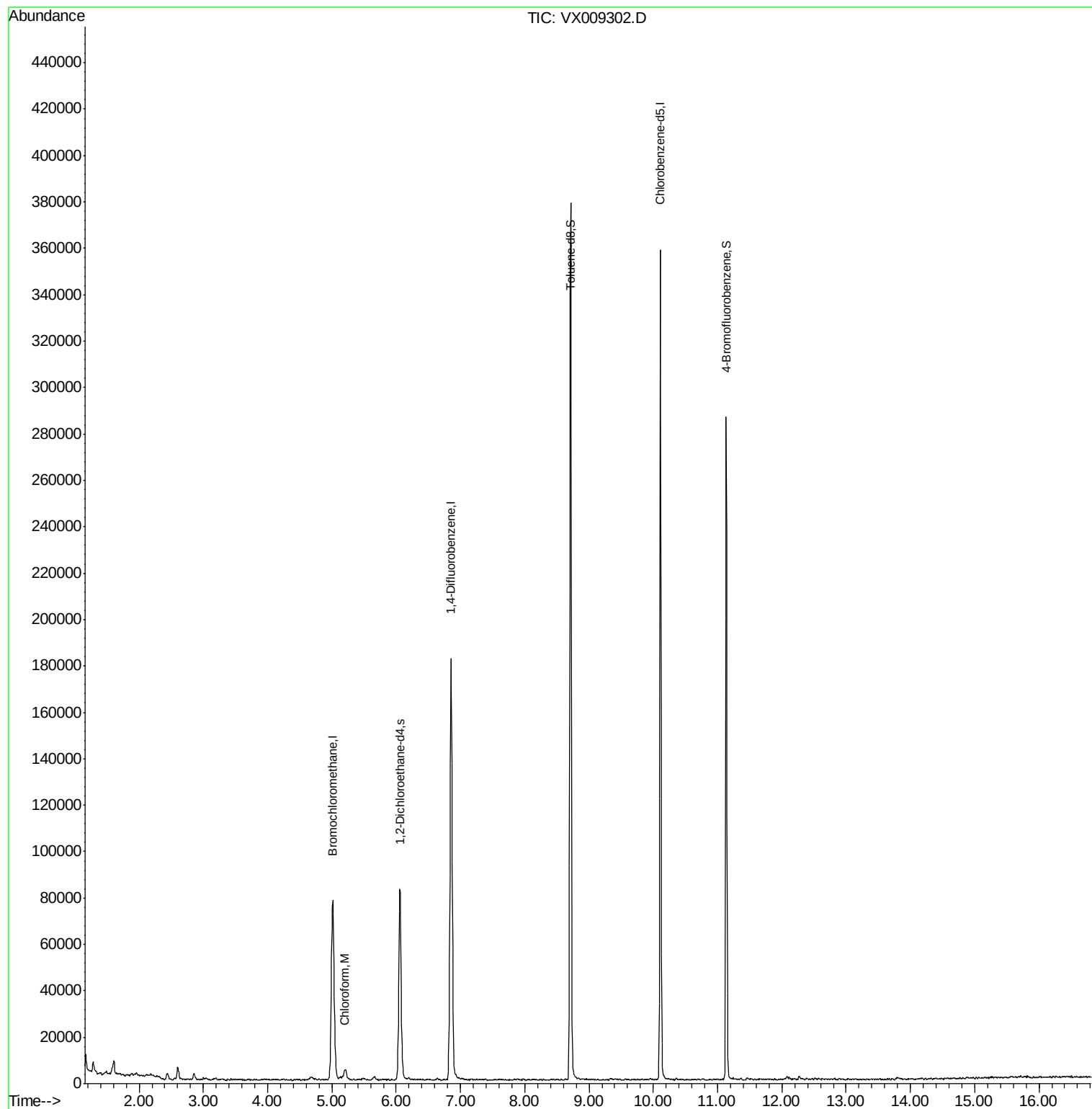
Target Compounds					Ovalue
25) Chloroform	5.20	83	4986	1.412 ug/l	85

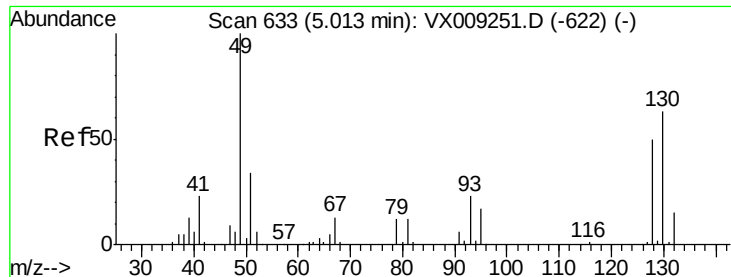
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
QLast Update : Thu May 02 06:46:57 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.00 min

Lab File: VX009302.D

Acq: 03 May 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

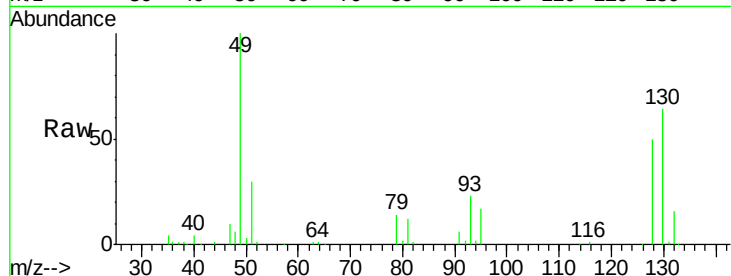
Tot Ion:128 Resp: 30914

Ion Ratio Lower Upper

128 100

49 203.5 0.0 515.0

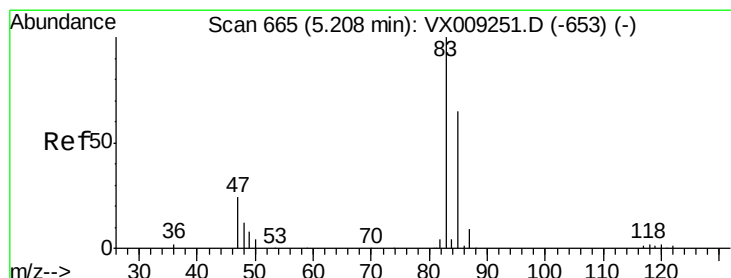
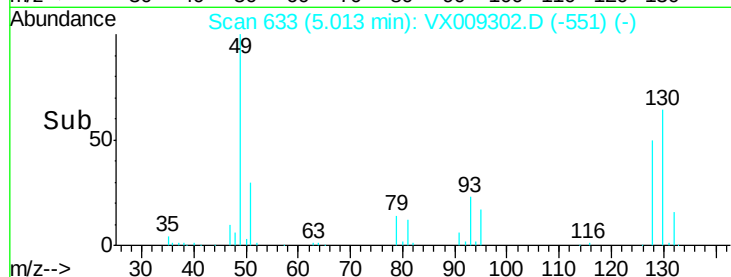
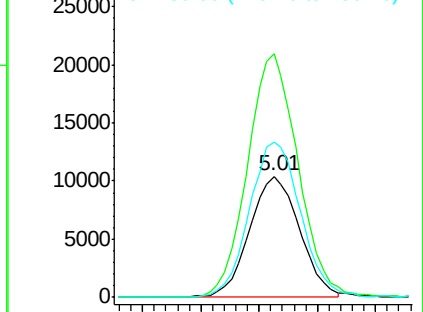
130 131.8 0.0 323.3



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



#25

Chloroform

Concen: 1.412 ug/l

RT: 5.20 min Scan# 664

Delta R.T. -0.01 min

Lab File: VX009302.D

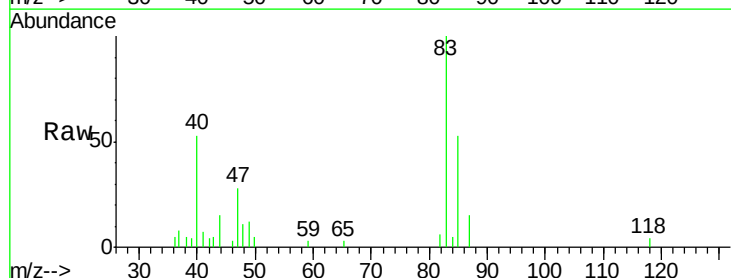
Acq: 03 May 2019 11:00

Tgt Ion: 83 Resp: 4986

Ion Ratio Lower Upper

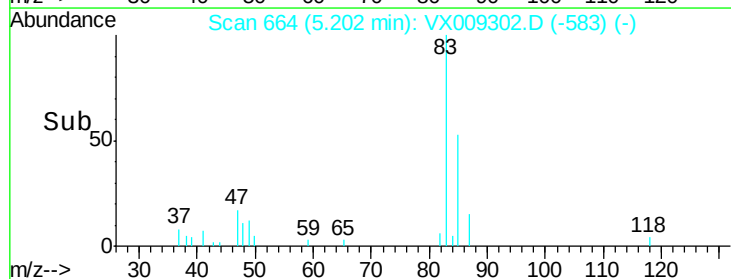
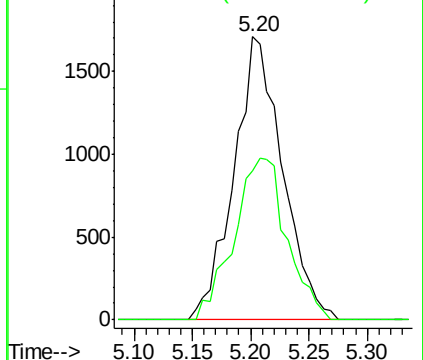
83 100

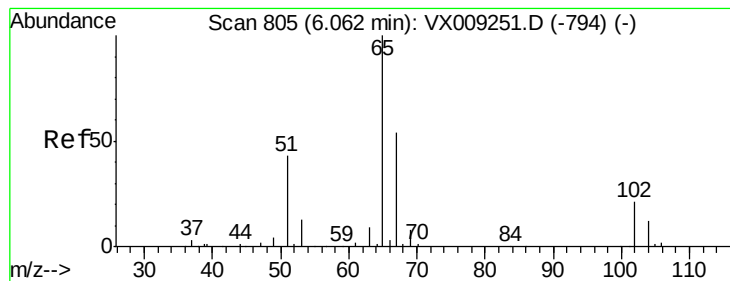
85 52.8 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0





#27

1,2-Dichloroethane-d4

Concen: 30.266 ug/l

RT: 6.06 min Scan# 804

Delta R.T. -0.01 min

Lab File: VX009302.D

Acq: 03 May 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

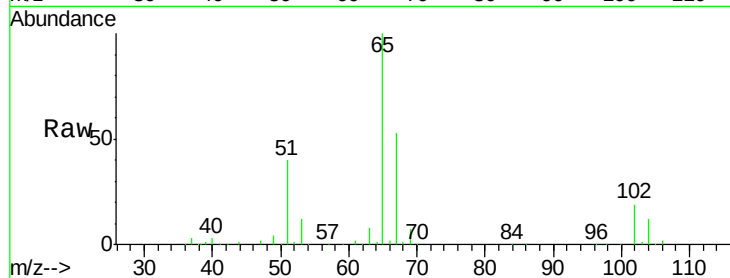
SPDES-1

Tot Ion: 65 Resp: 77616

Ion Ratio Lower Upper

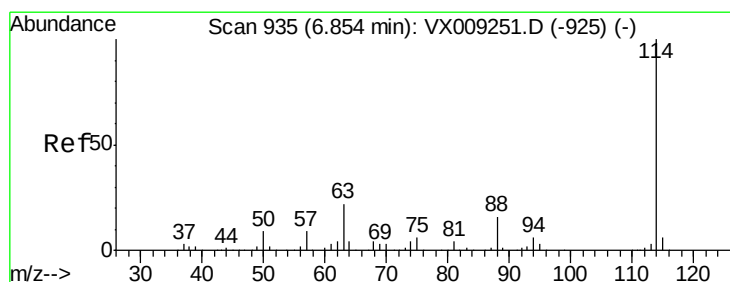
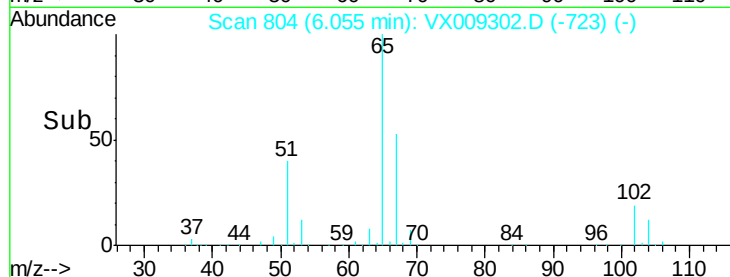
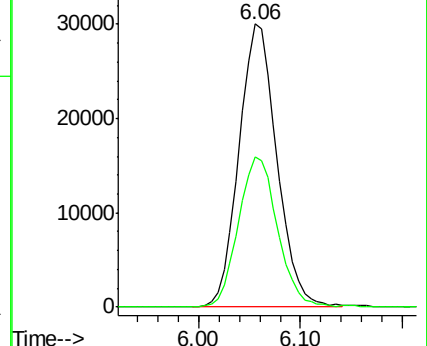
65 100

67 54.4 43.1 64.7



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# 935

Delta R.T. -0.00 min

Lab File: VX009302.D

Acq: 03 May 2019 11:00

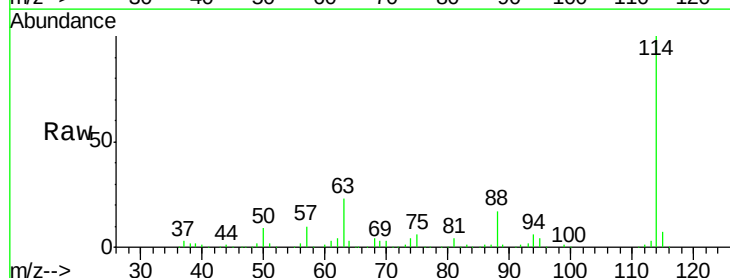
Tgt Ion: 114 Resp: 177050

Ion Ratio Lower Upper

114 100

63 22.8 18.0 27.0

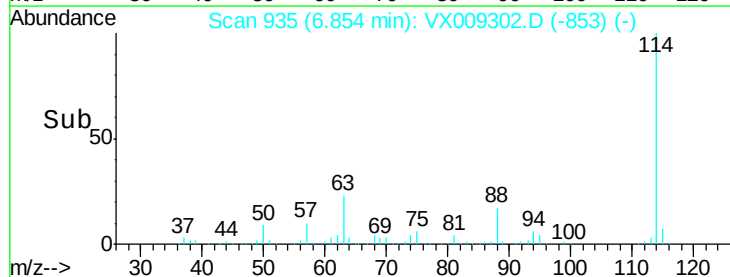
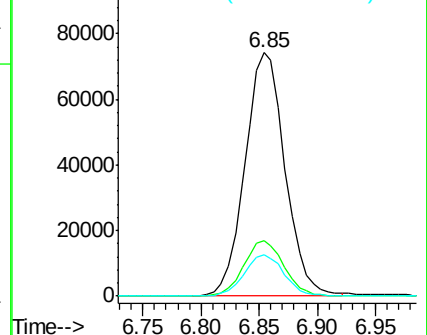
88 16.8 13.4 20.0

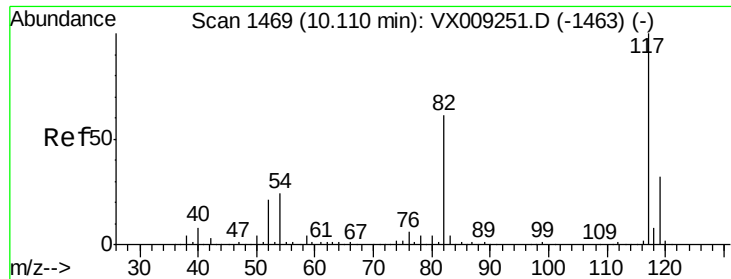


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

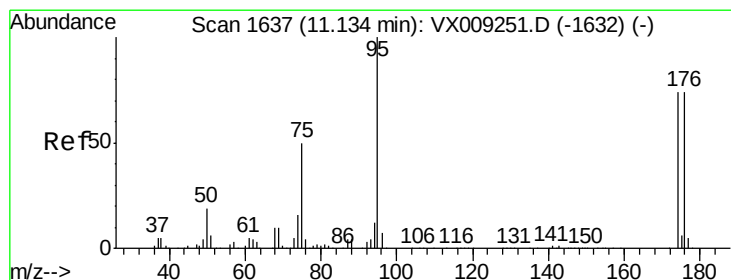
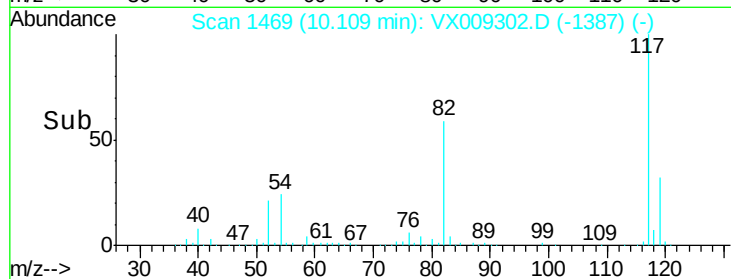
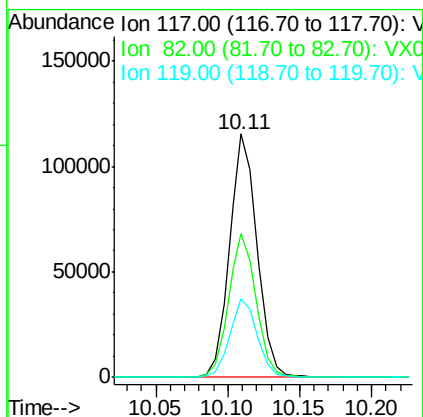
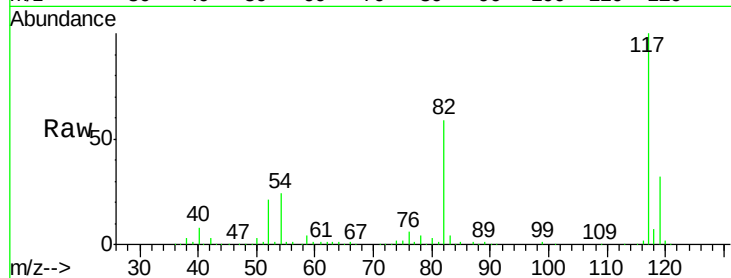




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.11 min Scan# 1469
Delta R.T. -0.00 min
Lab File: VX009302.D
Acq: 03 May 2019 11:00

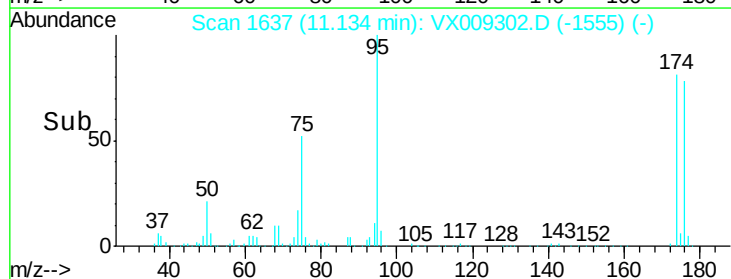
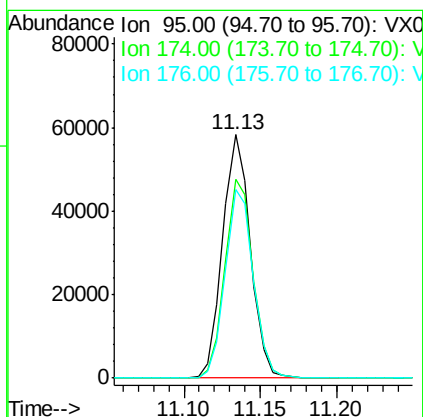
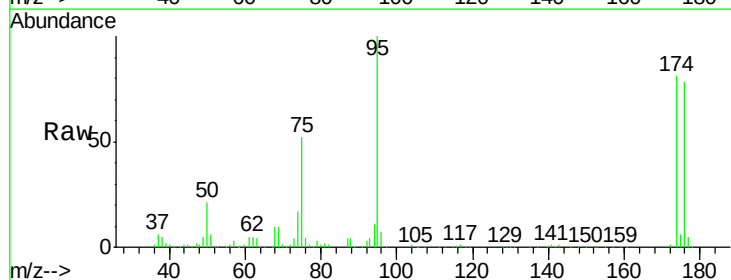
Instrument :
MSVOA_X
ClientSampled :
SPDES-1

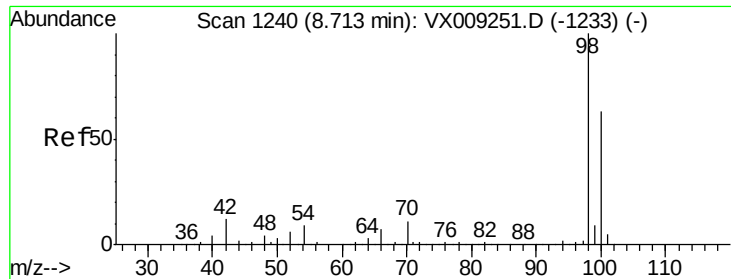
Tot Ion:117 Resp: 154638
Ion Ratio Lower Upper
117 100
82 59.1 47.8 71.8
119 32.1 25.6 38.4



#60
4-Bromofluorobenzene
Concen: 27.865 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX009302.D
Acq: 03 May 2019 11:00

Tgt Ion: 95 Resp: 73220
Ion Ratio Lower Upper
95 100
174 82.7 63.6 95.4
176 78.7 62.4 93.6





#63

Toluene-d8

Concen: 30.282 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX009302.D

Acq: 03 May 2019 11:00

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 222015

Ion Ratio Lower Upper

98 100

100 64.2 52.3 78.5

