

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX021619\
 Data File : VX007564.D
 Acq On : 15 Feb 2019 13:32
 Operator : JC/SP
 Sample : K1495-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Feb 16 03:57:04 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	75322	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	389522	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	330775	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	147706	30.31	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	101.03%
60) 4-Bromofluorobenzene	11.13	95	138279	27.24	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	90.80%
63) Toluene-d8	8.71	98	448015	29.97	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	99.90%

Target Compounds

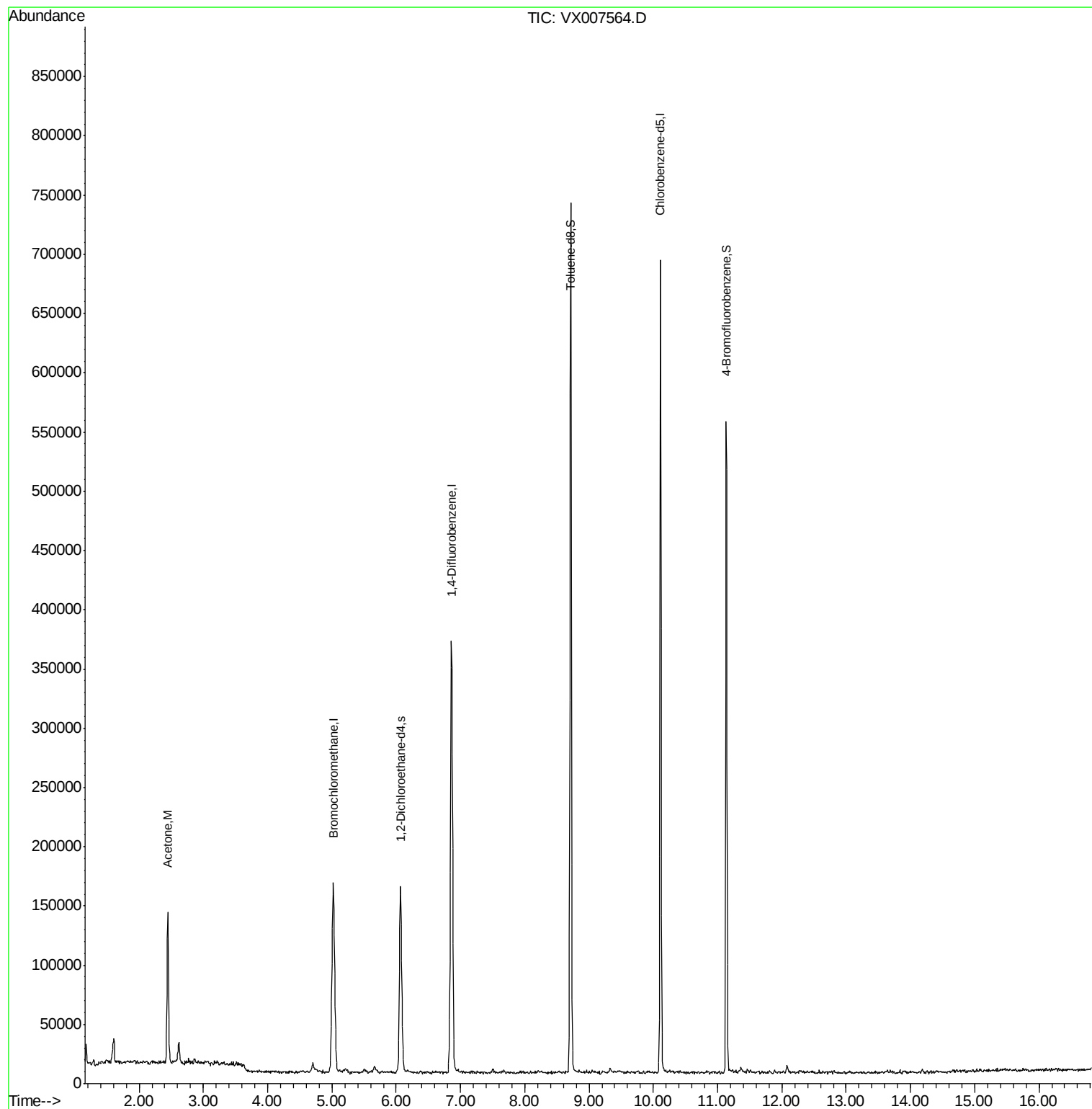
					Ovalue
15) Acetone	2.45	58	42563	59.646	ug/l 91

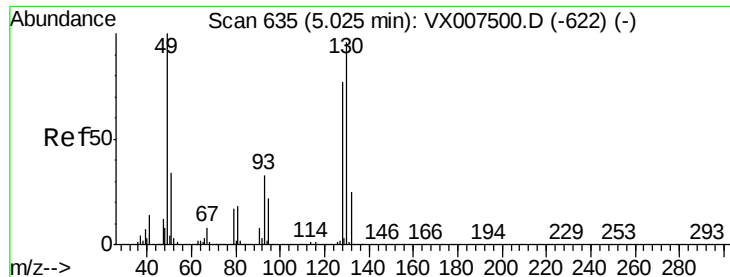
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX007564.D

Acq: 15 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

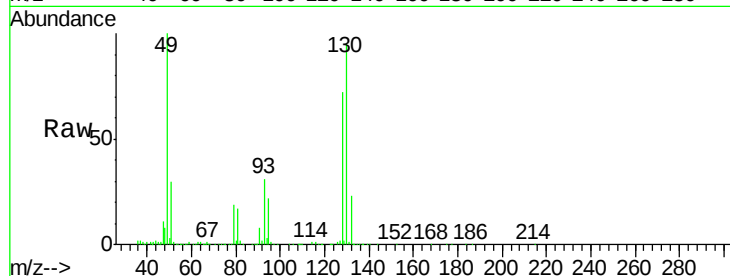
Tot Ion:128 Resp: 75322

Ion Ratio Lower Upper

128 100

49 137.0 0.0 350.8

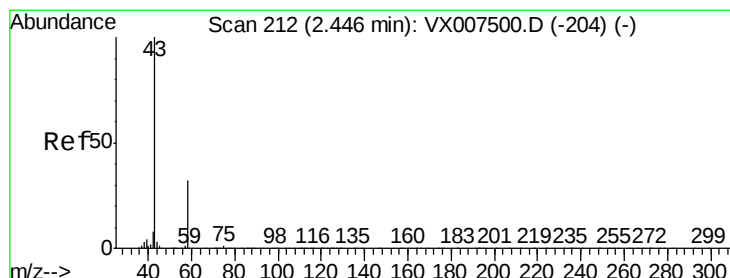
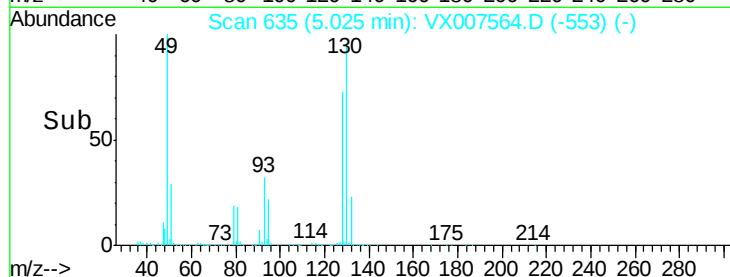
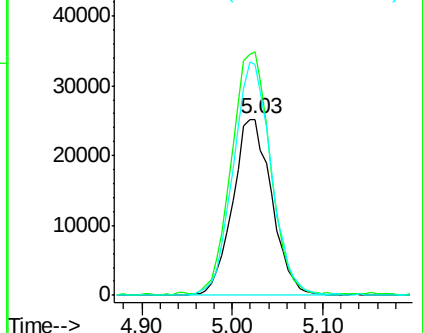
130 129.2 0.0 325.8



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: 59.646 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX007564.D

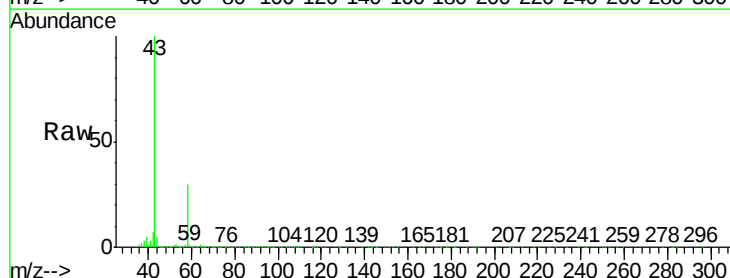
Acq: 15 Feb 2019 13:32

Tgt Ion: 58 Resp: 42563

Ion Ratio Lower Upper

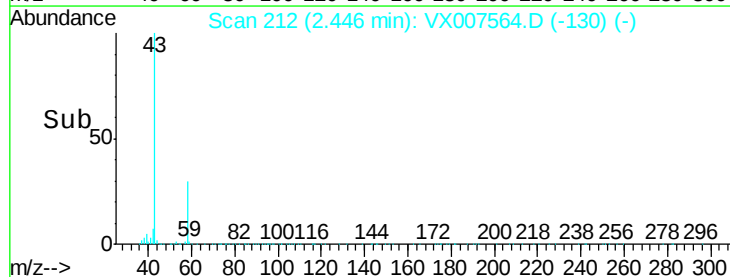
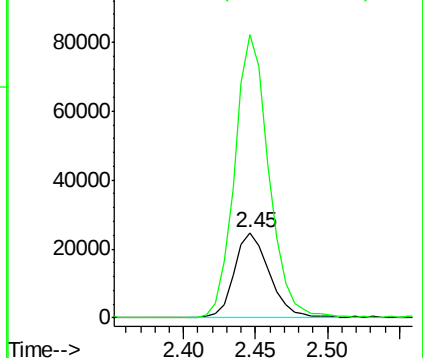
58 100

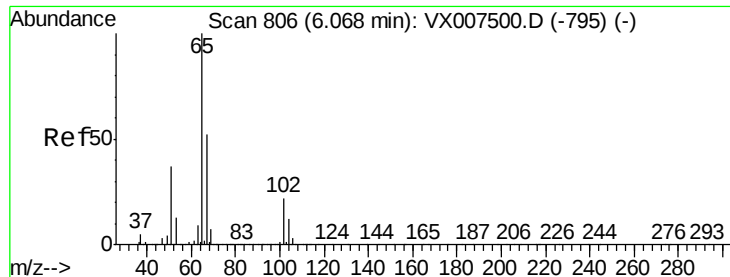
43 330.0 249.8 374.6



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: 30.315 ug/l

RT: 6.07 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX007564.D

Acq: 15 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

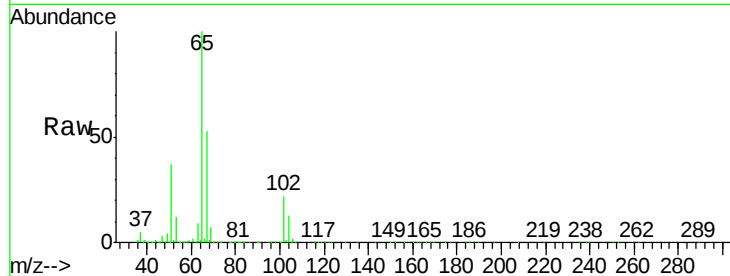
SPDES-1

Tot Ion: 65 Resp: 147706

Ion Ratio Lower Upper

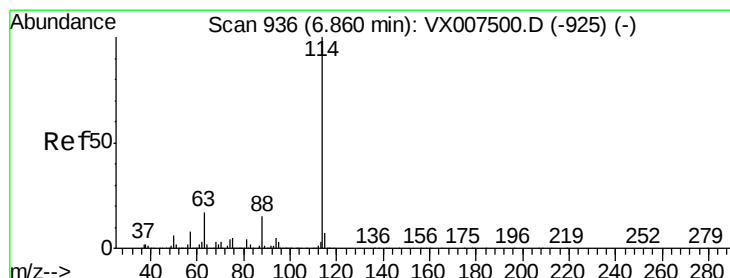
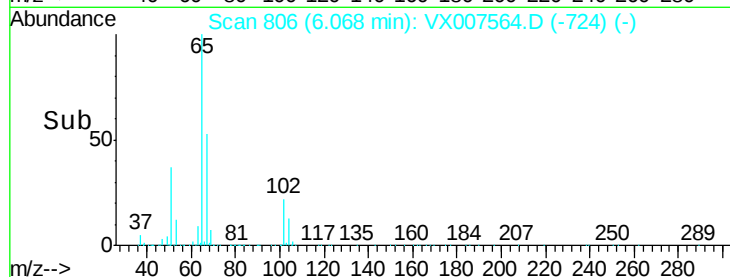
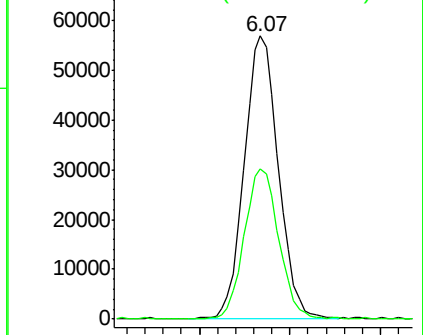
65 100

67 53.7 42.9 64.3



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX007564.D

Acq: 15 Feb 2019 13:32

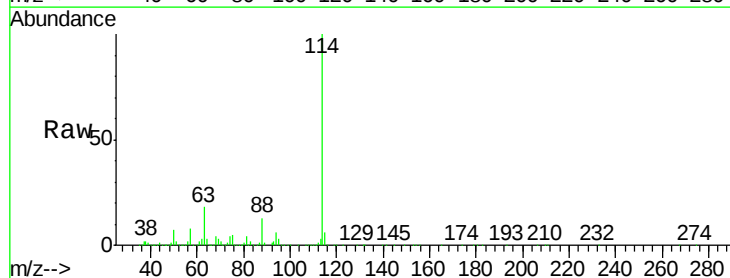
Tgt Ion: 114 Resp: 389522

Ion Ratio Lower Upper

114 100

63 18.0 14.2 21.4

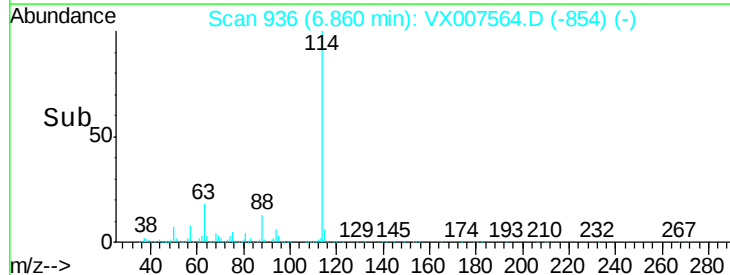
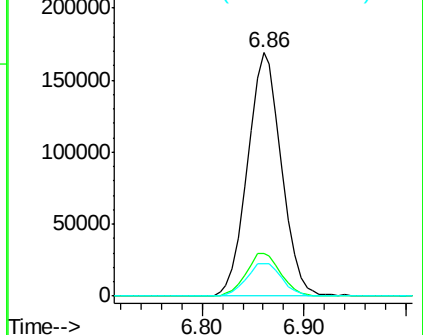
88 14.4 11.9 17.9

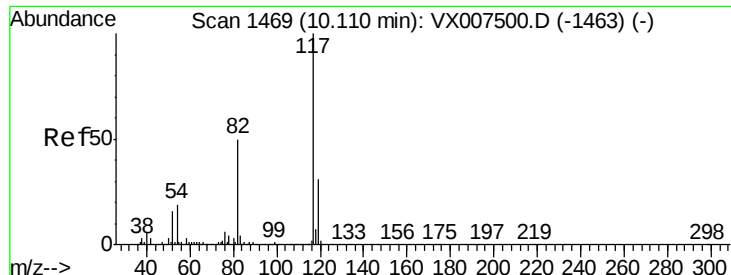


Abundance Ion 114.00 (113.70 to 114.70): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 88.00 (87.70 to 88.70): VX0

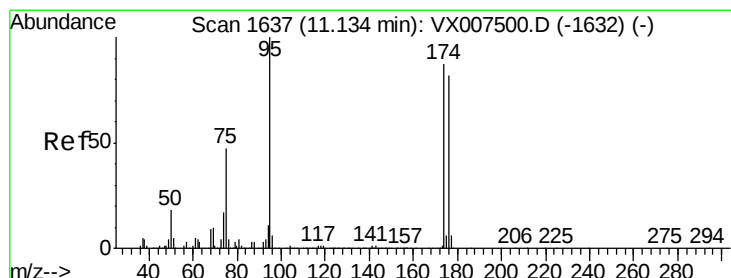
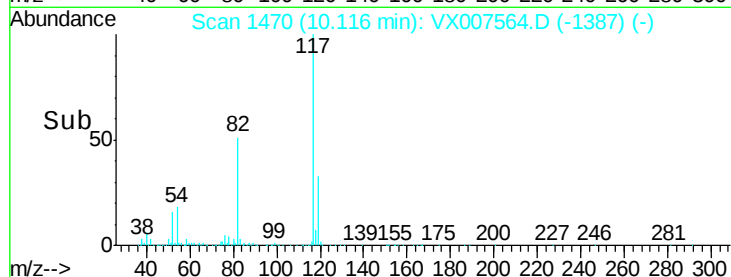
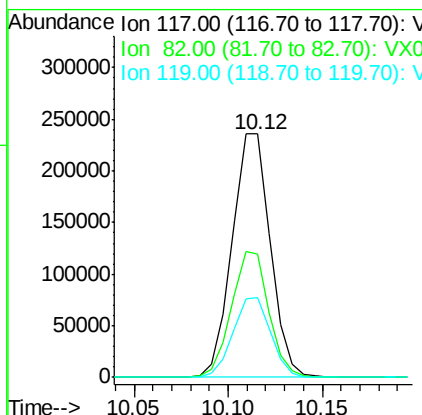
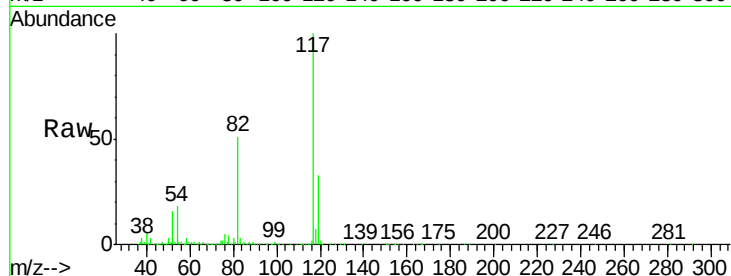




#57
Chlorobenzene-d5
Concen: 30.000 ug/l
RT: 10.12 min Scan# 1470
Delta R.T. 0.01 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

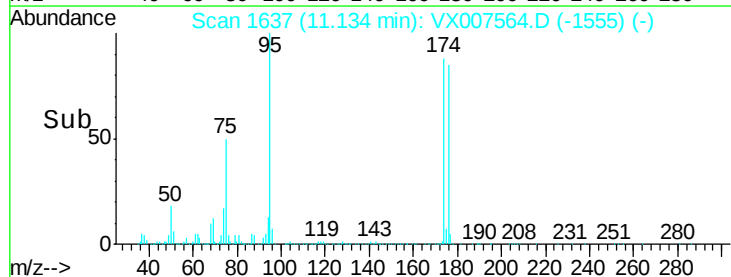
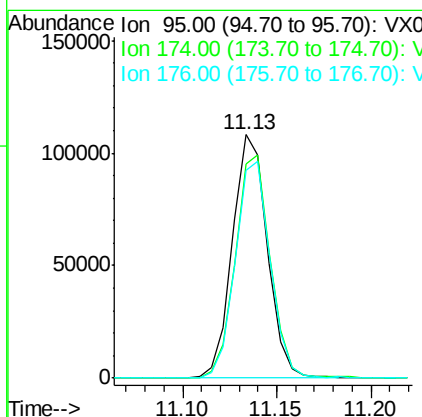
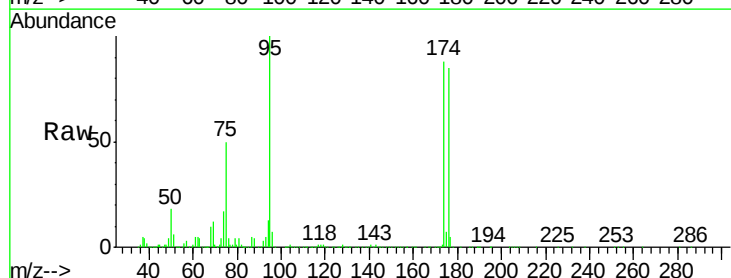
Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

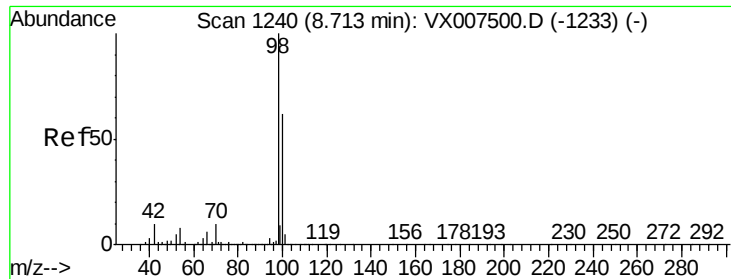
Tot Ion:117 Resp: 330775
Ion Ratio Lower Upper
117 100
82 50.8 40.4 60.6
119 32.4 25.8 38.6



#60
4-Bromofluorobenzene
Concen: 27.238 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007564.D
Acq: 15 Feb 2019 13:32

Tgt Ion: 95 Resp: 138279
Ion Ratio Lower Upper
95 100
174 91.8 74.9 112.3
176 88.8 70.7 106.1





#63

Toluene-d8

Concen: 29.967 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX007564.D

Acq: 15 Feb 2019 13:32

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 448015

Ion Ratio Lower Upper

98 100

100 63.4 50.9 76.3

