

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062218\
 Data File : VX002831.D
 Acq On : 22 Jun 2018 13:22
 Operator : JC/MD
 Sample : J3655-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Jun 22 13:47:26 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X061818W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Mon Jun 18 15:18:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.02	128	42427	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	226518	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.12	117	208105	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	99348	30.66	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	102.20%
60) 4-Bromofluorobenzene	11.14	95	91960	26.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	89.20%
63) Toluene-d8	8.72	98	268114	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

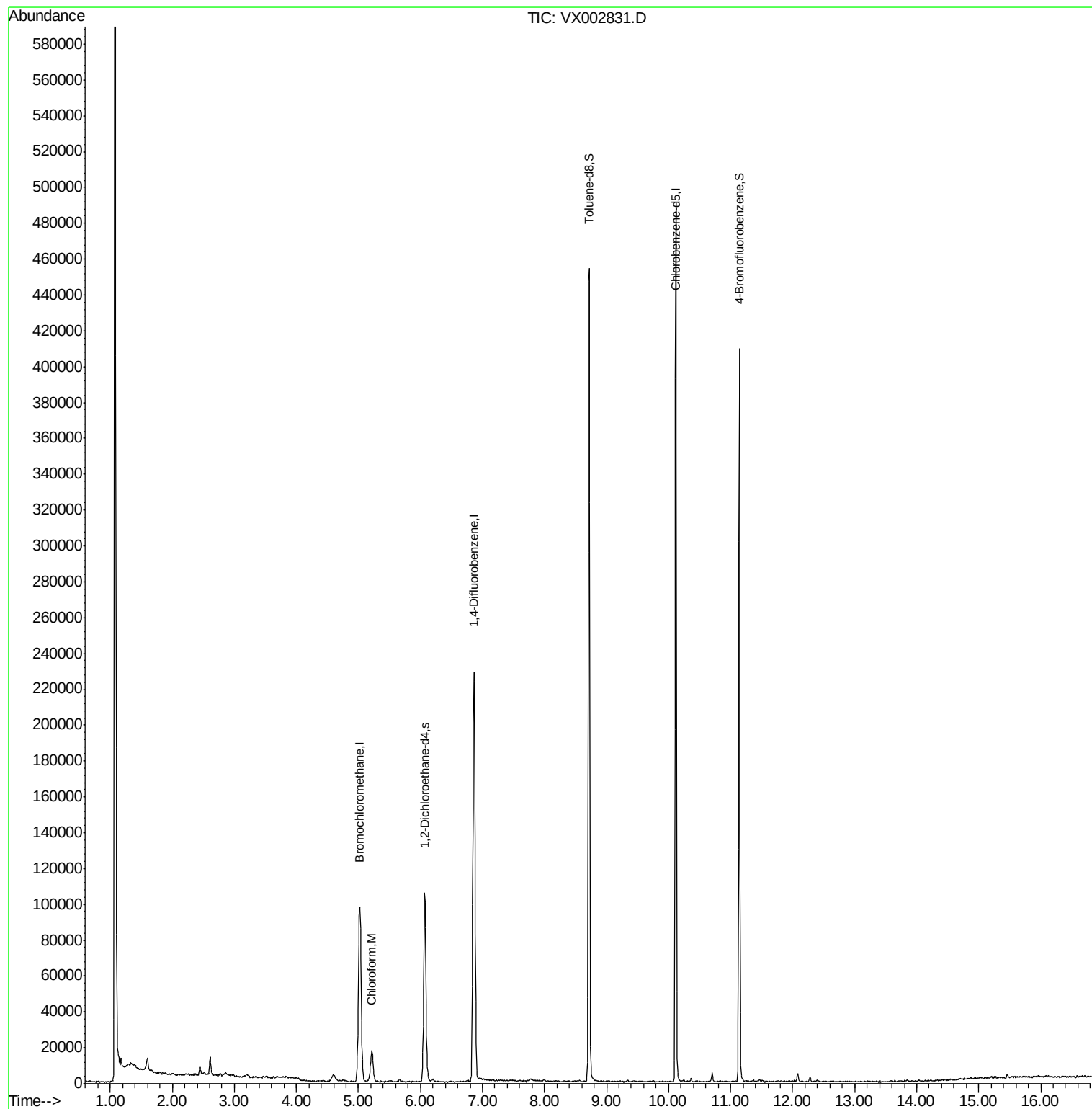
Target Compounds					Ovalue
25) Chloroform	5.21	83	19573	4.46 ug/l	91

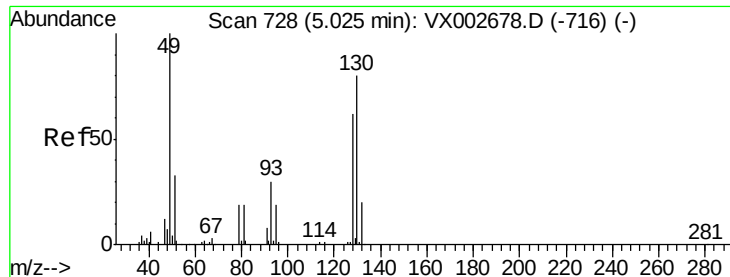
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jun 18 15:18:02 2018
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.00 ug/l

RT: 5.02 min Scan# 727

Delta R.T. -0.01 min

Lab File: VX002831.D

Acq: 22 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

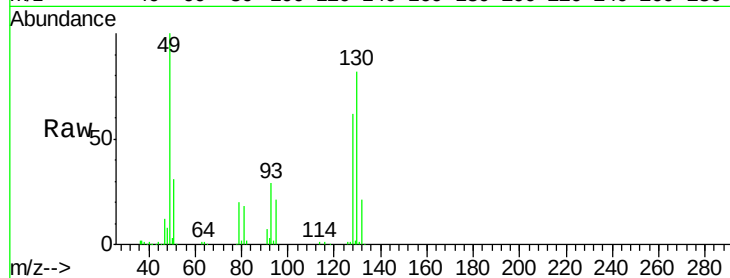
Tot Ion:128 Resp: 42427

Ion Ratio Lower Upper

128 100

49 157.3 0.0 423.0

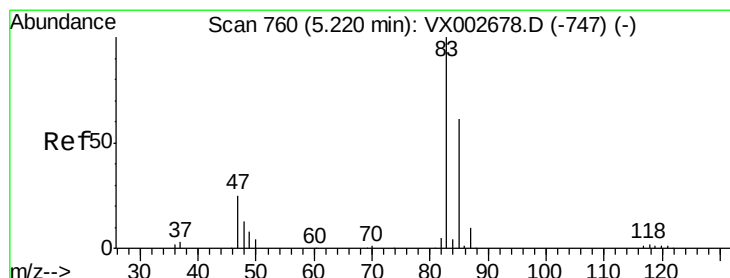
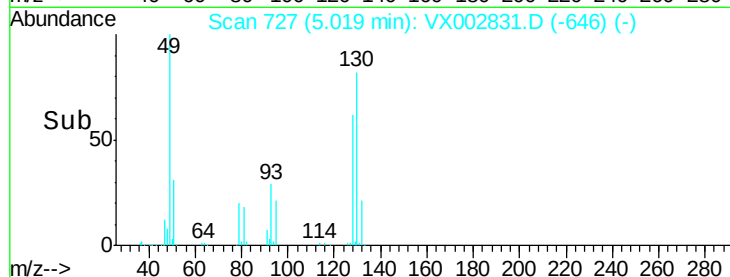
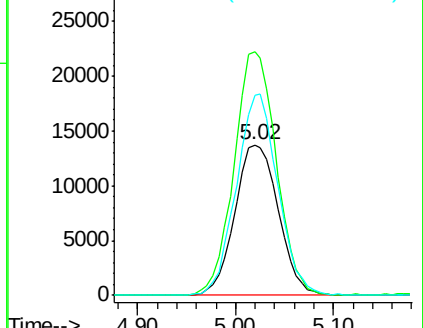
130 127.5 0.0 324.3



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: 4.46 ug/l

RT: 5.21 min Scan# 759

Delta R.T. -0.01 min

Lab File: VX002831.D

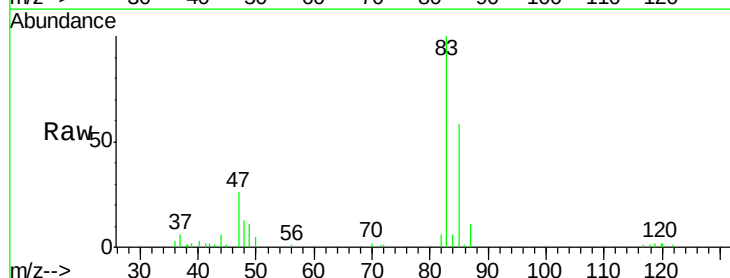
Acq: 22 Jun 2018 13:22

Tgt Ion: 83 Resp: 19573

Ion Ratio Lower Upper

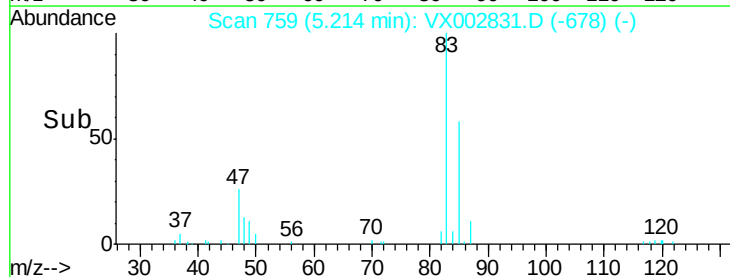
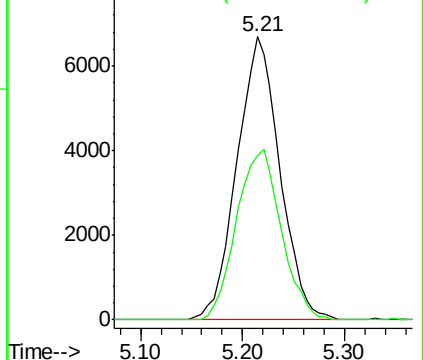
83 100

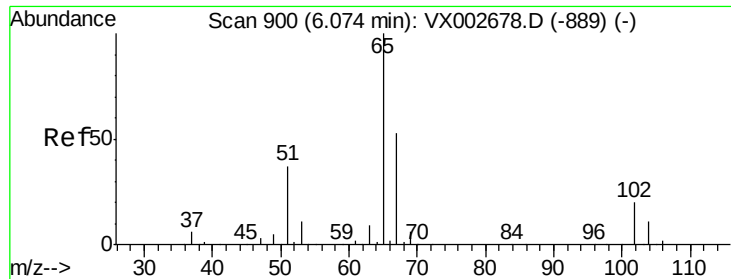
85 58.1 51.9 77.9



Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 85.00 (84.70 to 85.70): VX0

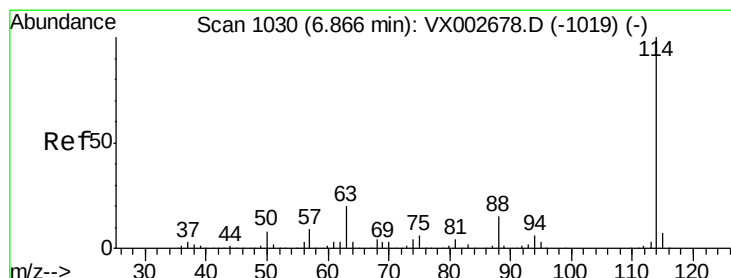
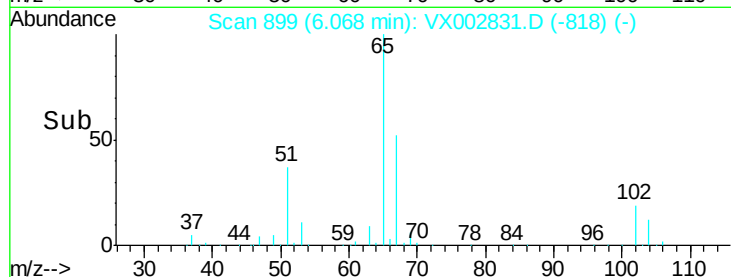
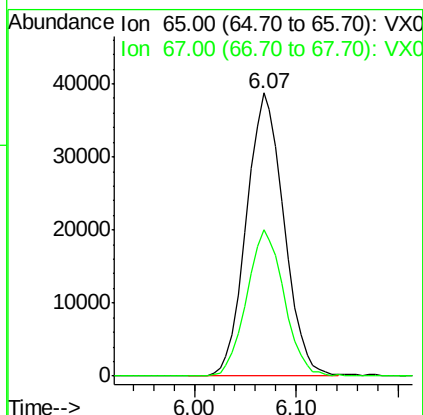
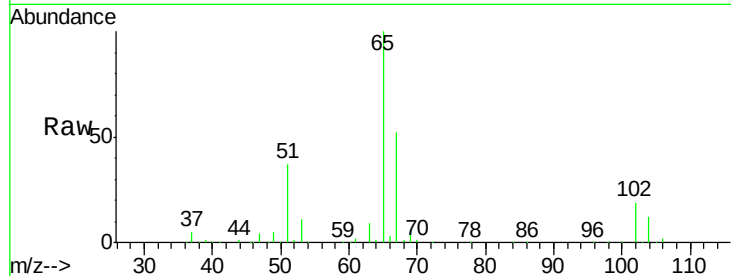




#27
 1,2-Dichloroethane-d4
 Concen: 30.66 ug/l
 RT: 6.07 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: VX002831.D
 Acq: 22 Jun 2018 13:22

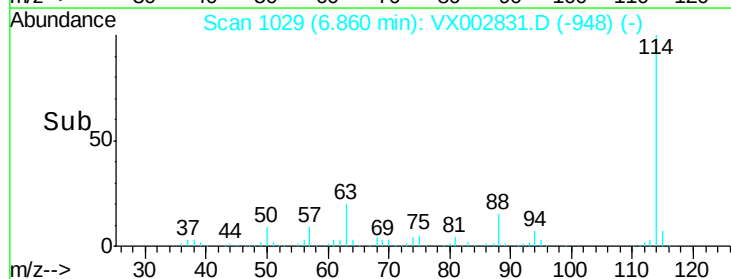
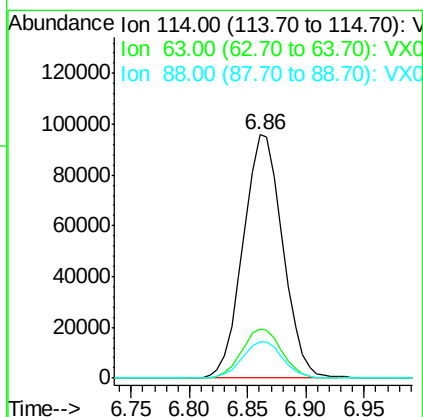
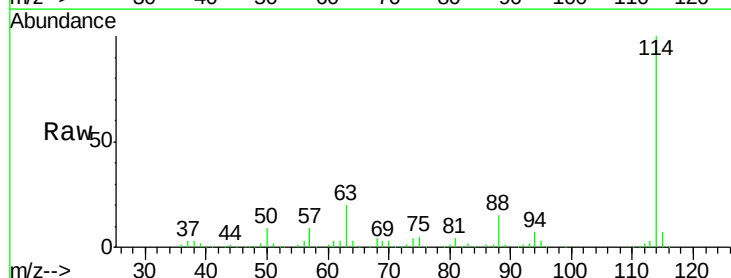
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

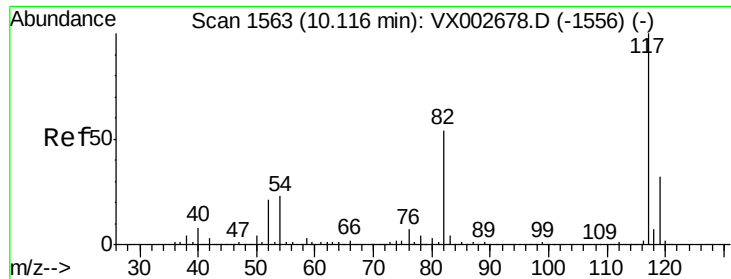
Tot Ion: 65 Resp: 99348
 Ion Ratio Lower Upper
 65 100
 67 51.4 40.9 61.3



#28
 1,4-Difluorobenzene
 Concen: 30.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: VX002831.D
 Acq: 22 Jun 2018 13:22

Tgt Ion: 114 Resp: 226518
 Ion Ratio Lower Upper
 114 100
 63 20.4 17.1 25.7
 88 15.2 12.6 19.0

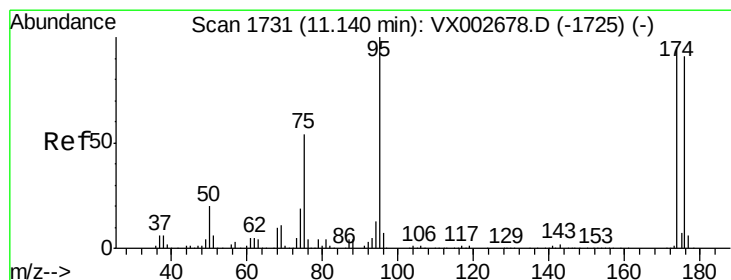
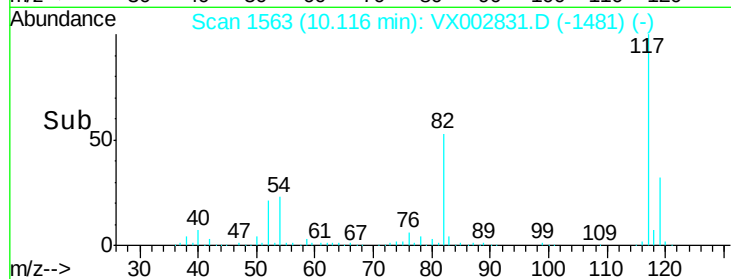
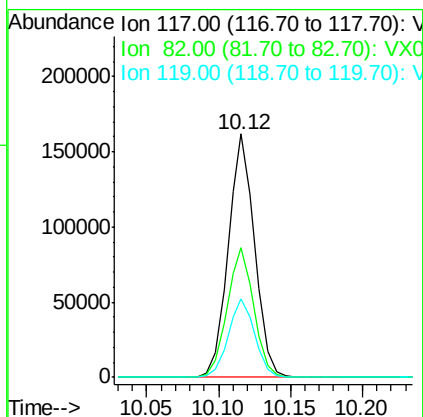
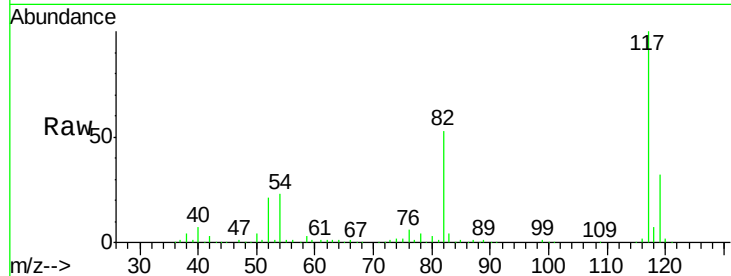




#57
Chlorobenzene-d5
Concen: 30.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002831.D
Acq: 22 Jun 2018 13:22

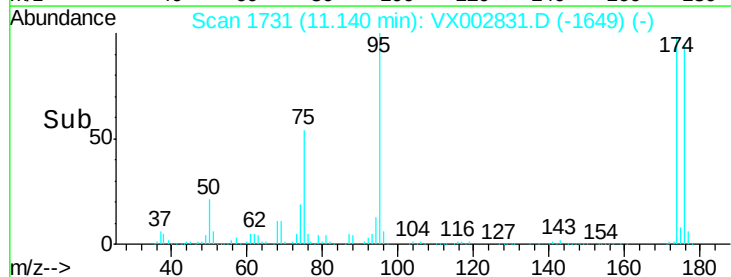
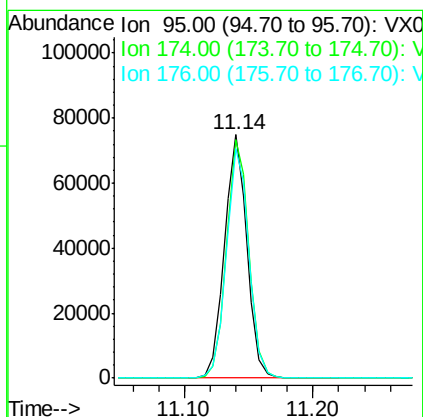
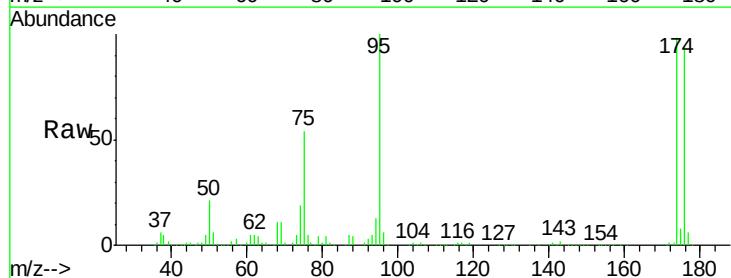
Instrument :
MSVOA_X
ClientSampled :
SPDES-1

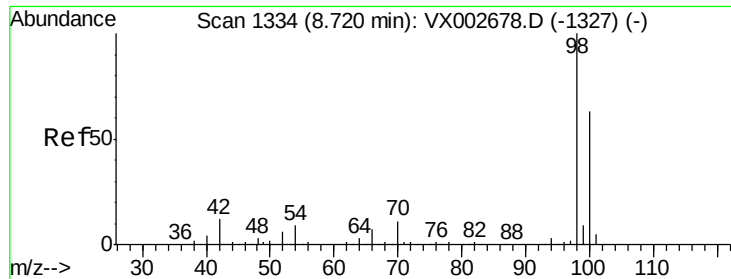
Tot Ion:117 Resp: 208105
Ion Ratio Lower Upper
117 100
82 54.0 44.3 66.5
119 32.5 25.7 38.5



#60
4-Bromofluorobenzene
Concen: 26.76 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002831.D
Acq: 22 Jun 2018 13:22

Tgt Ion: 95 Resp: 91960
Ion Ratio Lower Upper
95 100
174 97.5 71.8 107.6
176 94.9 70.1 105.1





#63

Toluene-d8

Concen: 29.49 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. -0.00 min

Lab File: VX002831.D

Acq: 22 Jun 2018 13:22

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

Tot Ion: 98 Resp: 268114

Ion Ratio Lower Upper

98 100

100 64.1 50.8 76.2

