

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX022219\
 Data File : VX007650.D
 Acq On : 22 Feb 2019 10:57
 Operator : JC/SP
 Sample : K1562-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

Quant Time: Feb 23 00:28:41 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	65305	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.86	114	339445	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	299762	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.07	65	132542	31.38	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	104.60%
60) 4-Bromofluorobenzene	11.13	95	127735	27.76	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	92.53%
63) Toluene-d8	8.71	98	399512	29.49	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	98.30%

Target Compounds

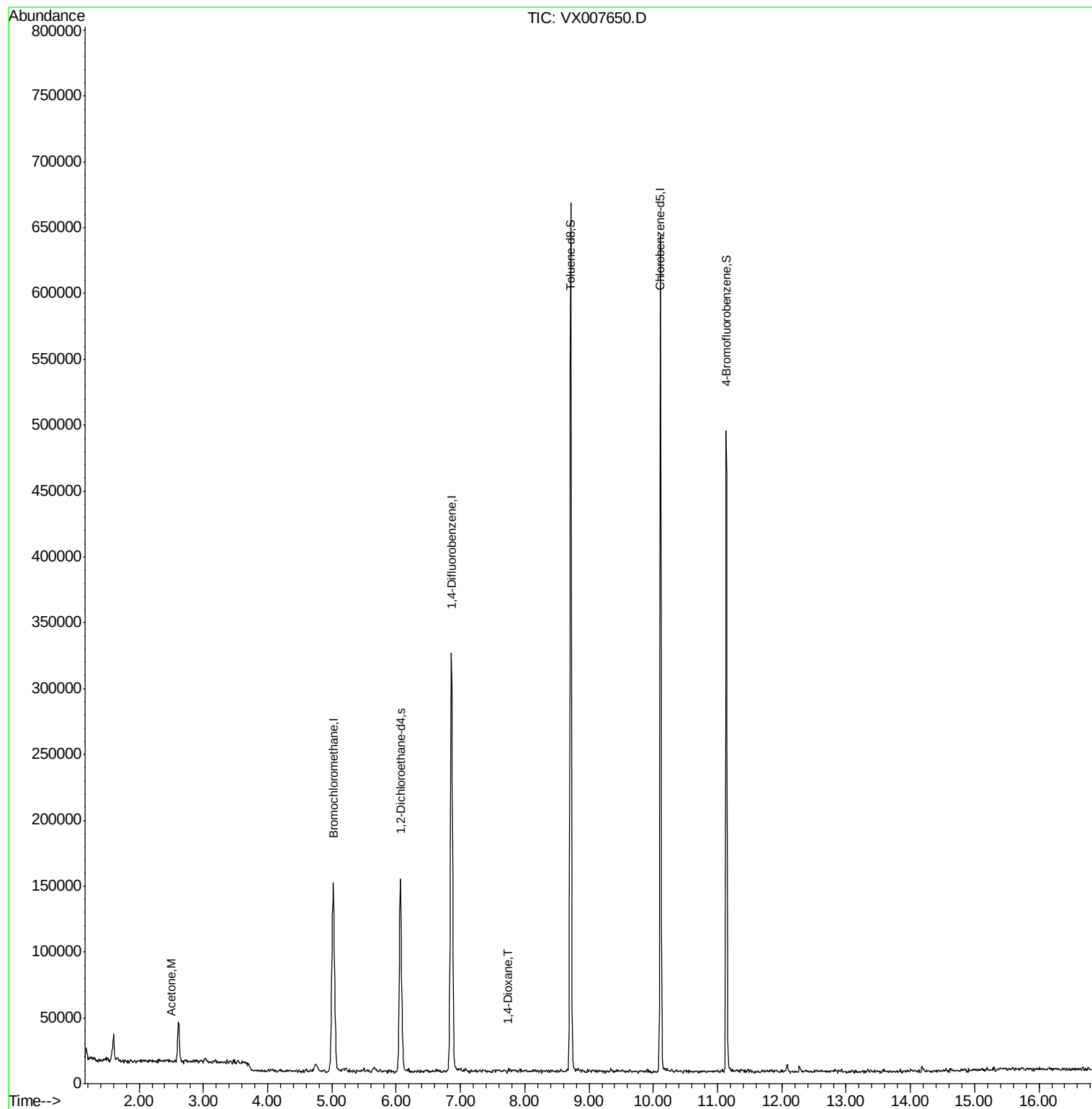
					Ovalue
15) Acetone	2.51	58	126	0.204 ug/l	78
45) 1,4-Dioxane	7.74	88	139	1.422 ug/l #	1

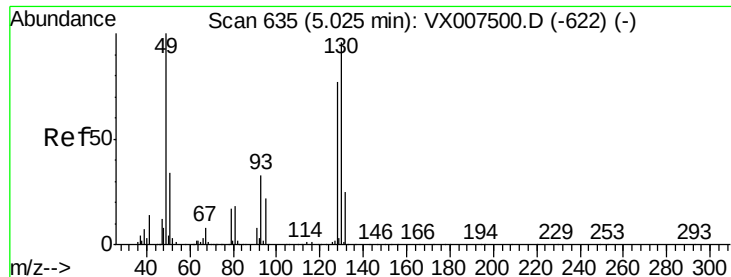
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Feb 13 07:51:18 2019
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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: VX007650.D

Acq: 22 Feb 2019 10:57

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

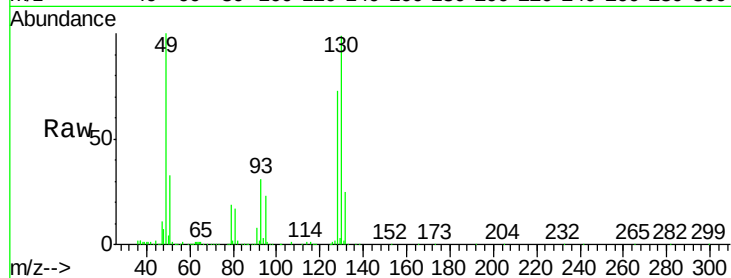
Tot Ion:128 Resp: 65305

Ion Ratio Lower Upper

128 100

49 140.6 0.0 350.8

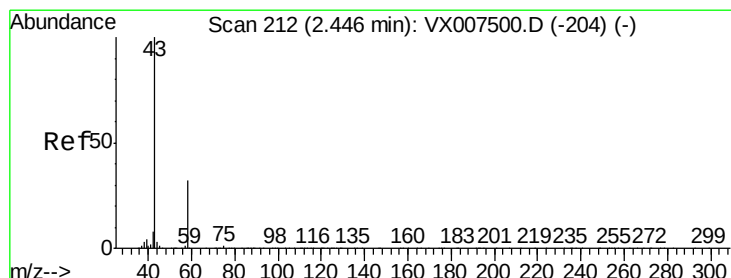
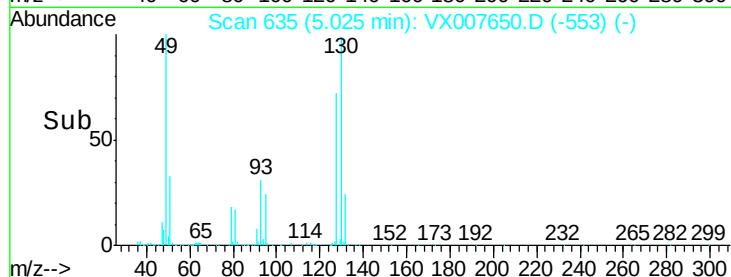
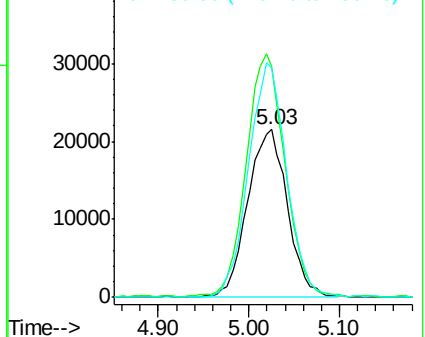
130 134.0 0.0 325.8



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: 0.204 ug/l

RT: 2.51 min Scan# 222

Delta R.T. 0.06 min

Lab File: VX007650.D

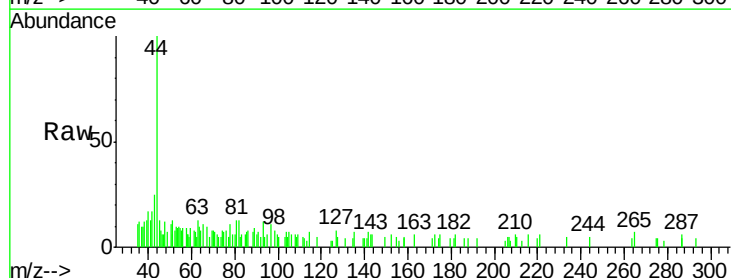
Acq: 22 Feb 2019 10:57

Tgt Ion: 58 Resp: 126

Ion Ratio Lower Upper

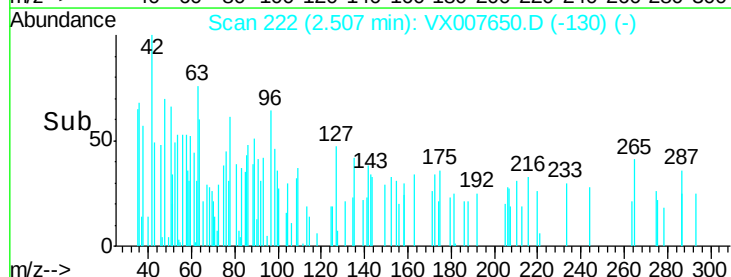
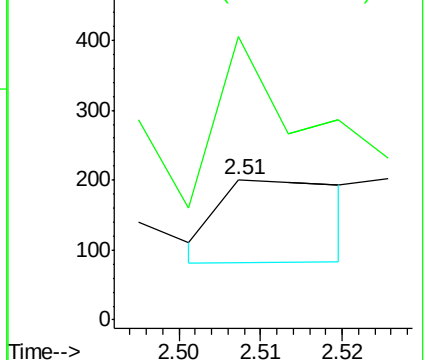
58 100

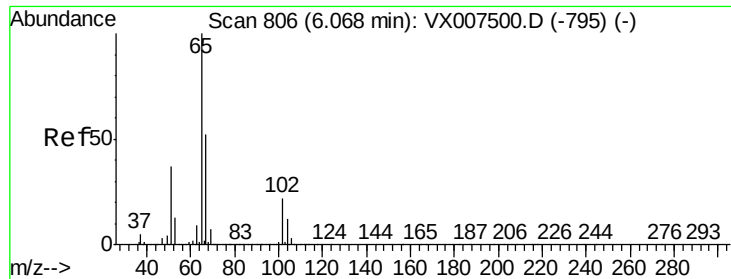
43 268.1 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

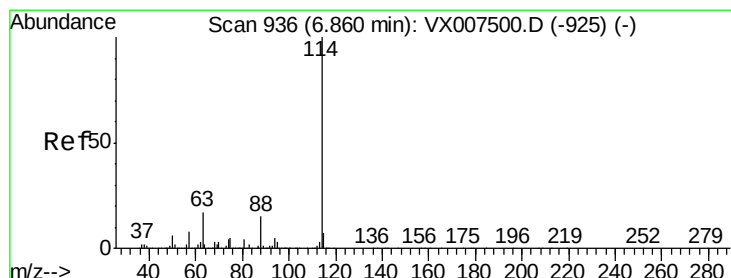
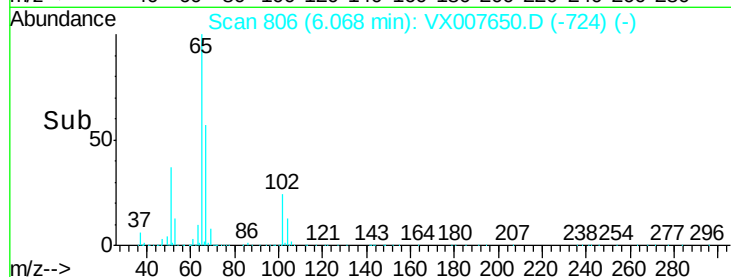
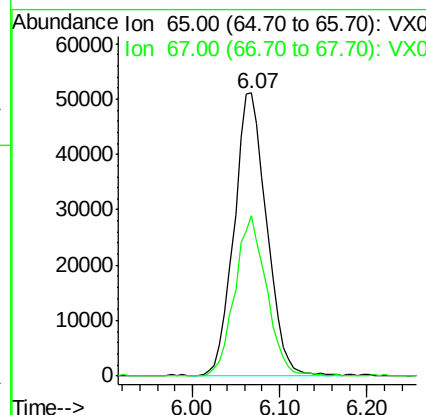
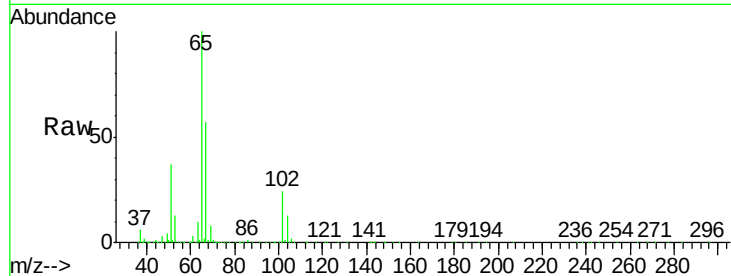




#27
 1,2-Dichloroethane-d4
 Concen: 31.375 ug/l
 RT: 6.07 min Scan# 806
 Delta R.T. 0.00 min
 Lab File: VX007650.D
 Acq: 22 Feb 2019 10:57

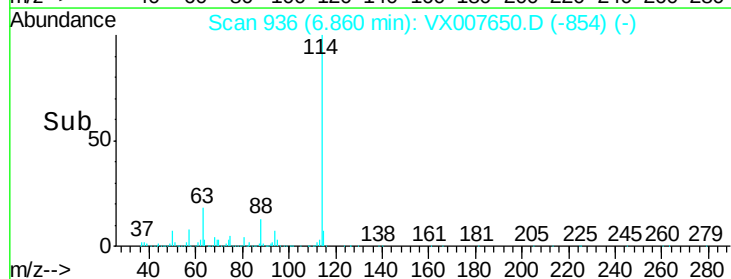
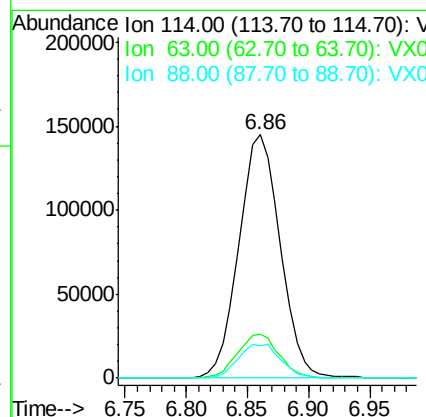
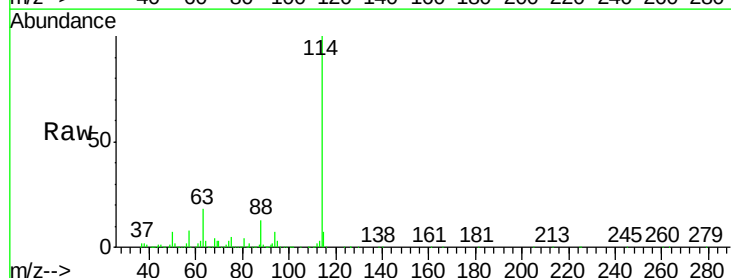
Instrument :
 MSVOA_X
 ClientSampleId :
 SPDES-1

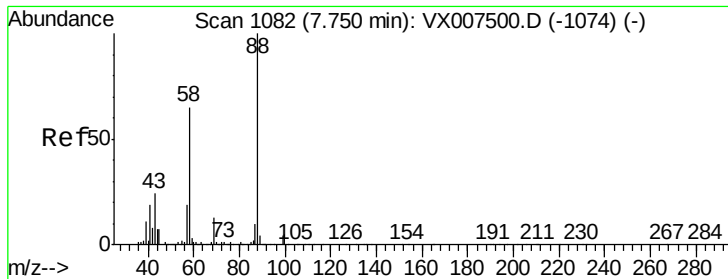
Tot Ion: 65 Resp: 132542
 Ion Ratio Lower Upper
 65 100
 67 54.7 42.9 64.3



#28
 1,4-Difluorobenzene
 Concen: 30.000 ug/l
 RT: 6.86 min Scan# 936
 Delta R.T. 0.00 min
 Lab File: VX007650.D
 Acq: 22 Feb 2019 10:57

Tgt Ion: 114 Resp: 339445
 Ion Ratio Lower Upper
 114 100
 63 17.9 14.2 21.4
 88 14.4 11.9 17.9





#45

1,4-Dioxane

Concen: 1.422 ug/l

RT: 7.74 min Scan# 1081

Delta R.T. -0.01 min

Lab File: VX007650.D

Acq: 22 Feb 2019 10:57

Instrument :

MSVOA_X

ClientSampleId :

SPDES-1

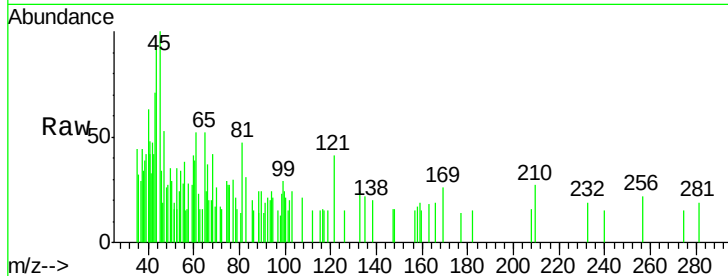
Tot Ion: 88 Resp: 139

Ion Ratio Lower Upper

88 100

43 164.7 23.6 35.4#

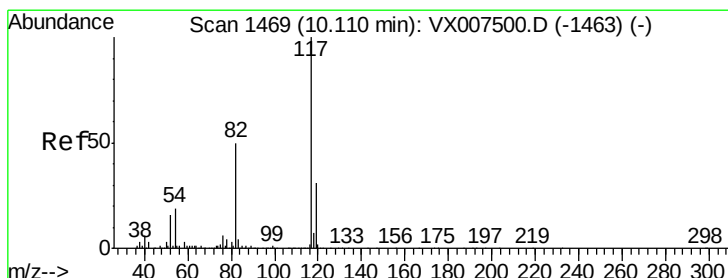
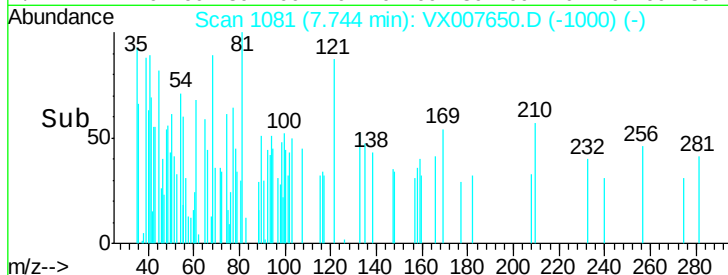
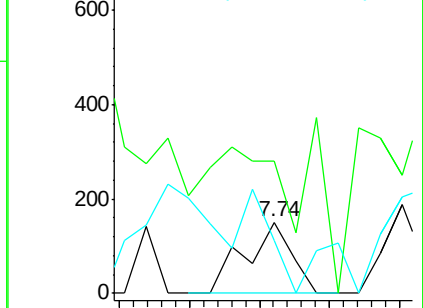
58 87.8 51.6 77.4#



Abundance Ion 88.00 (87.70 to 88.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#57

Chlorobenzene-d5

Concen: 30.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX007650.D

Acq: 22 Feb 2019 10:57

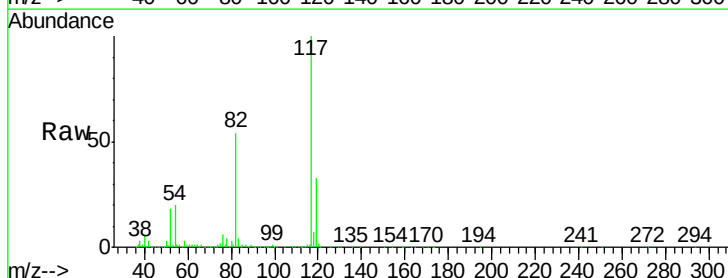
Tgt Ion: 117 Resp: 299762

Ion Ratio Lower Upper

117 100

82 51.6 40.4 60.6

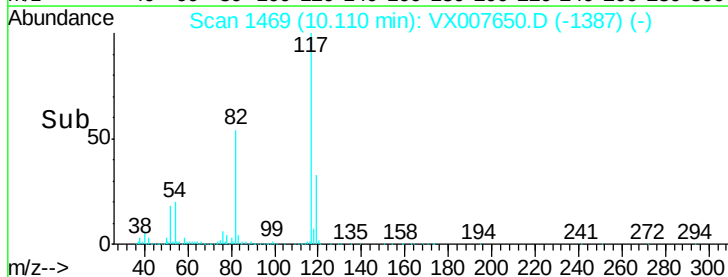
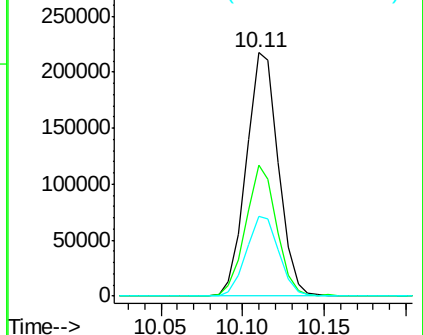
119 33.3 25.8 38.6

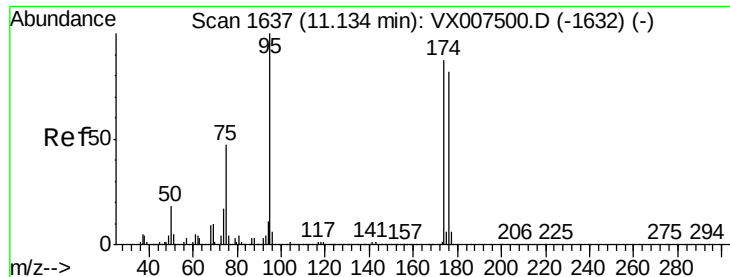


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

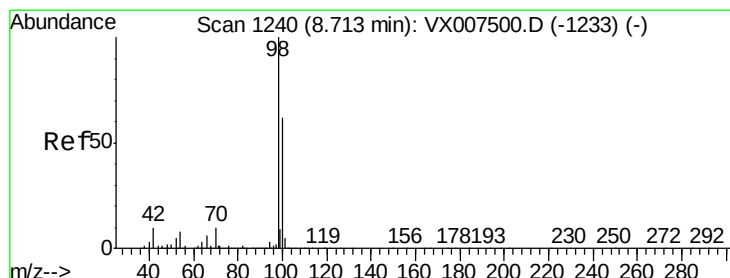
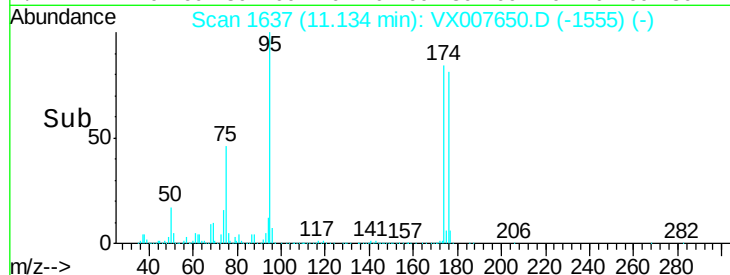
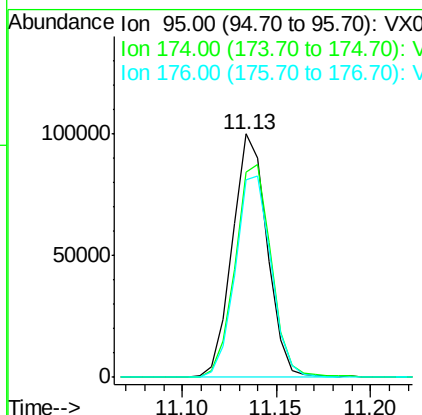
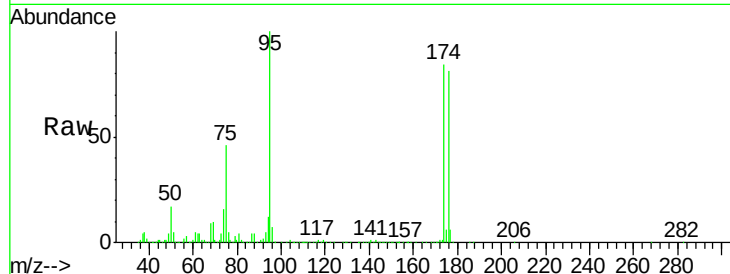




#60
4-Bromofluorobenzene
Concen: 27.764 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. 0.00 min
Lab File: VX007650.D
Acq: 22 Feb 2019 10:57

Instrument :
MSVOA_X
ClientSampleId :
SPDES-1

Tot Ion	Ratio	Lower	Upper
95	100		
174	91.1	74.9	112.3
176	85.6	70.7	106.1



#63
Toluene-d8
Concen: 29.487 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. 0.00 min
Lab File: VX007650.D
Acq: 22 Feb 2019 10:57

Tgt Ion	Ratio	Lower	Upper
98	100		
100	64.2	50.9	76.3

