

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX040919\
 Data File : VX008762.D
 Acq On : 09 Apr 2019 11:05
 Operator : JC/SP
 Sample : K2268-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 55-ST-7

Quant Time: Apr 09 14:09:47 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA X\METHOD\624X032719W.M
 Quant Title : METHOD 624 VOLATILE ORGANIC ANALYSIS
 QLast Update : Wed Mar 27 12:01:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.01	128	31067	30.00	ug/l	0.00
28) 1,4-Difluorobenzene	6.85	114	182724	30.00	ug/l	0.00
57) Chlorobenzene-d5	10.11	117	155935	30.00	ug/l	0.00

System Monitoring Compounds

27) 1,2-Dichloroethane-d4	6.06	65	78497	30.20	ug/l	0.00
Spiked Amount	30.000	Range	50 - 169	Recovery	=	100.67%
60) 4-Bromofluorobenzene	11.13	95	76780	28.26	ug/l	0.00
Spiked Amount	30.000	Range	56 - 143	Recovery	=	94.20%
63) Toluene-d8	8.71	98	222452	30.05	ug/l	0.00
Spiked Amount	30.000	Range	66 - 137	Recovery	=	100.17%

Target Compounds

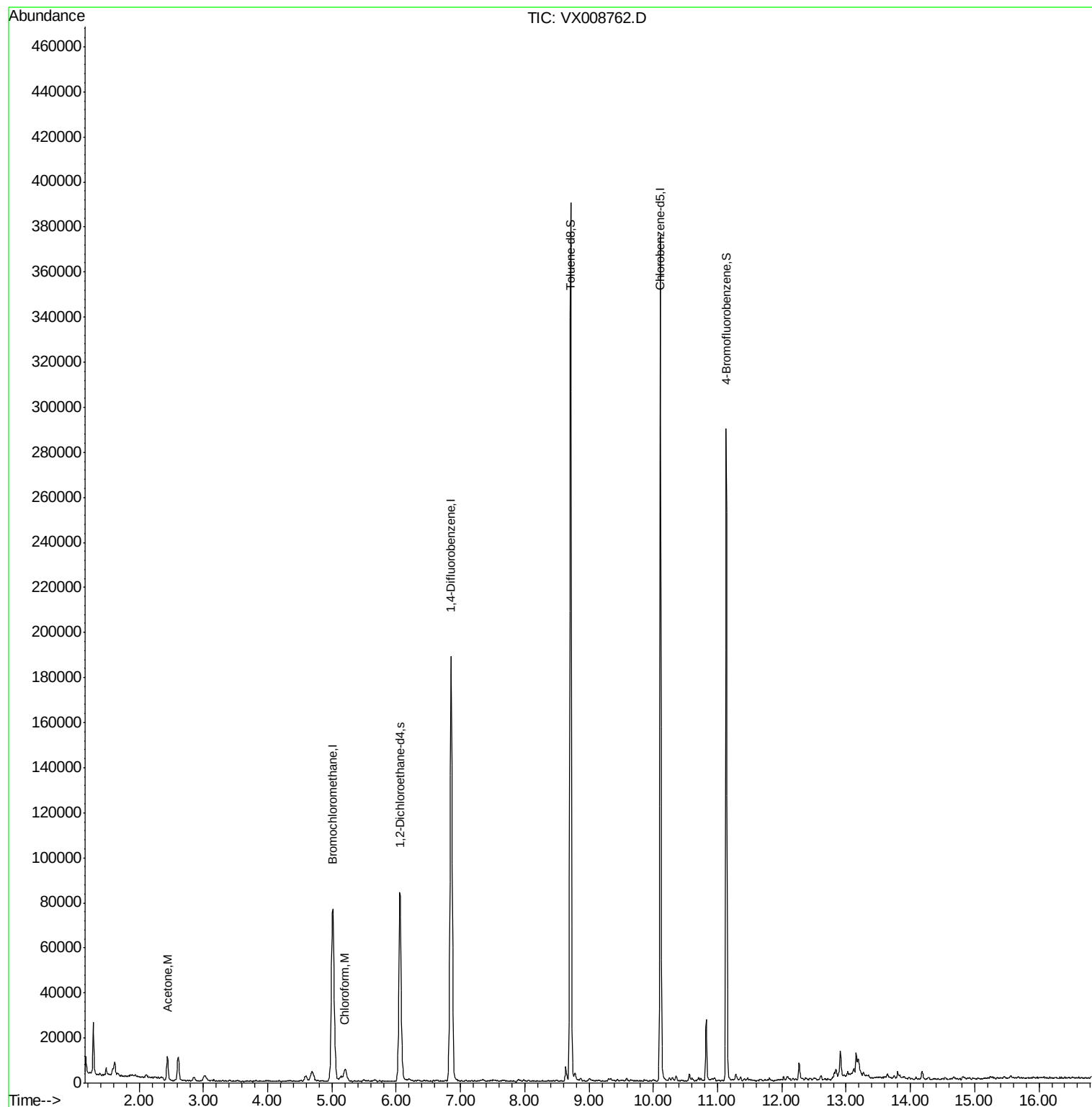
					Ovalue
15) Acetone	2.44	58	3402	7.483	ug/l 89
25) Chloroform	5.20	83	6101	1.559	ug/l 94

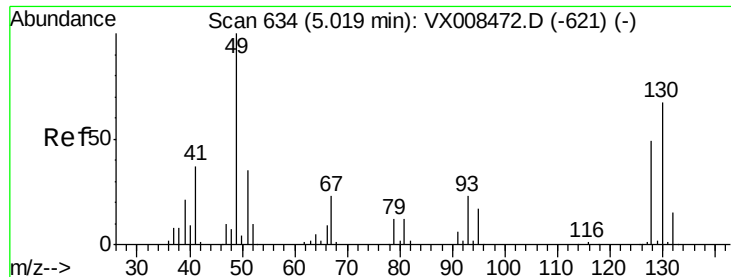
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Mar 27 12:01:15 2019
Response via : Initial Calibration





#1

Bromochloromethane

Concen: 30.000 ug/l

RT: 5.01 min Scan# 633

Delta R.T. -0.01 min

Lab File: VX008762.D

Acq: 09 Apr 2019 11:05

Instrument :

MSVOA_X

ClientSampled :

55-ST-7

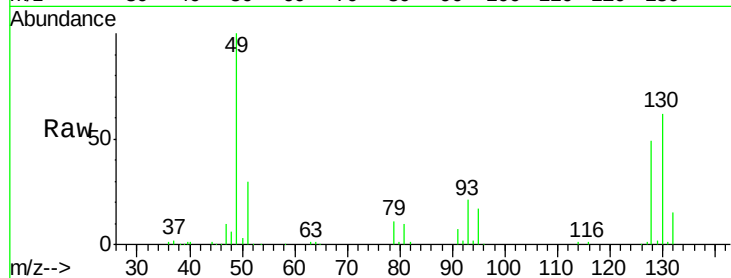
Tot Ion:128 Resp: 31067

Ion Ratio Lower Upper

128 100

49 207.3 0.0 350.8

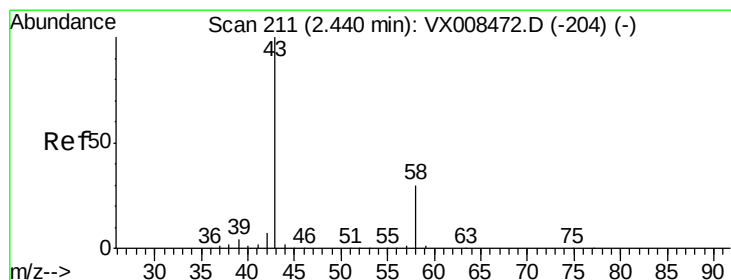
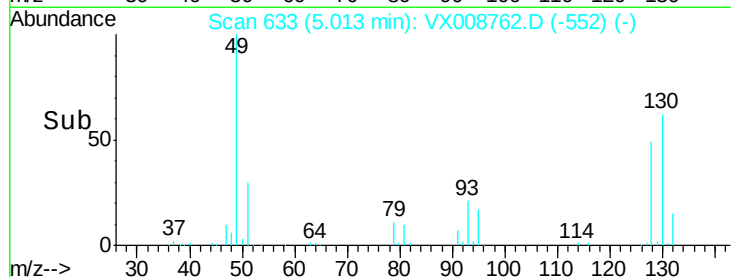
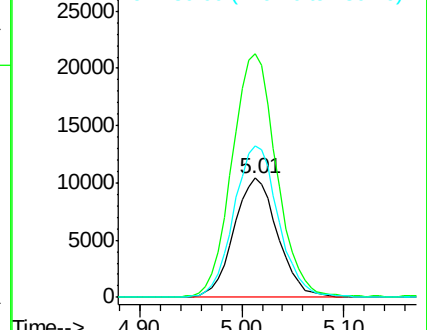
130 129.1 0.0 325.8



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: 7.483 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.00 min

Lab File: VX008762.D

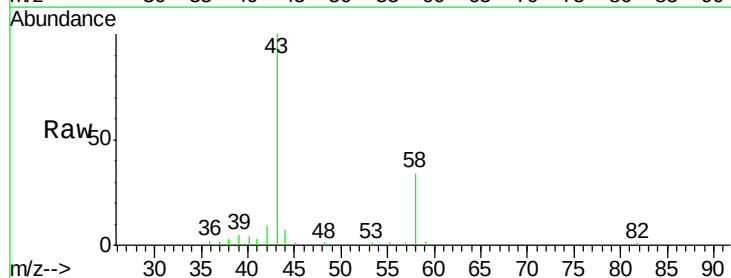
Acq: 09 Apr 2019 11:05

Tgt Ion: 58 Resp: 3402

Ion Ratio Lower Upper

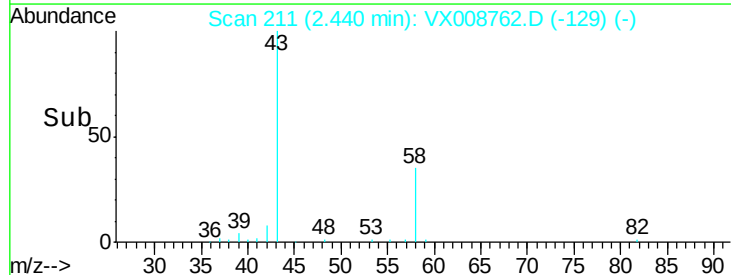
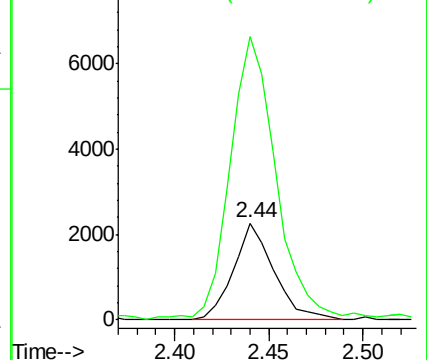
58 100

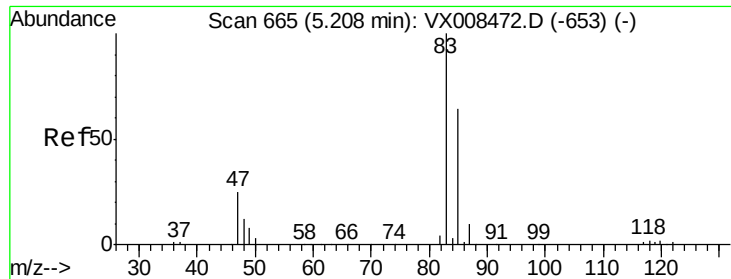
43 289.7 249.8 374.6



Abundance Ion 58.00 (57.70 to 58.70): VX0

Ion 43.00 (42.70 to 43.70): VX0

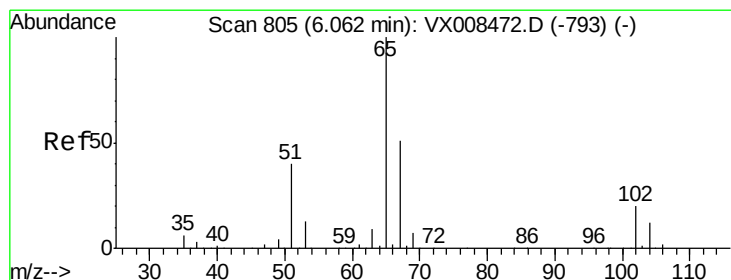
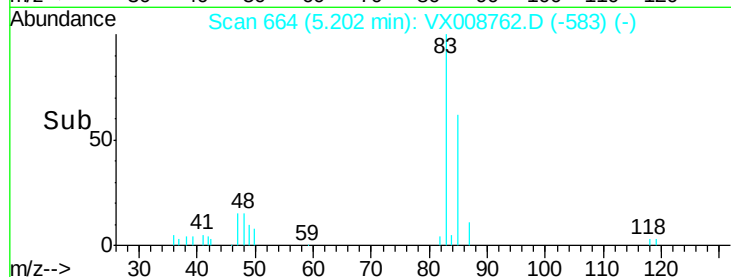
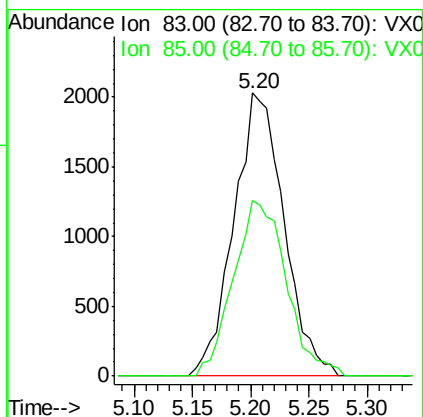
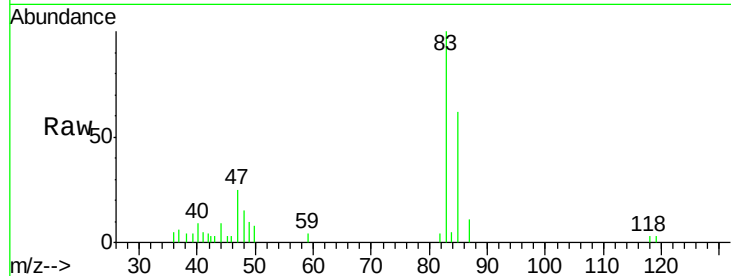




#25
Chloroform
Concen: 1.559 ug/l
RT: 5.20 min Scan# 664
Delta R.T. -0.01 min
Lab File: VX008762.D
Acq: 09 Apr 2019 11:05

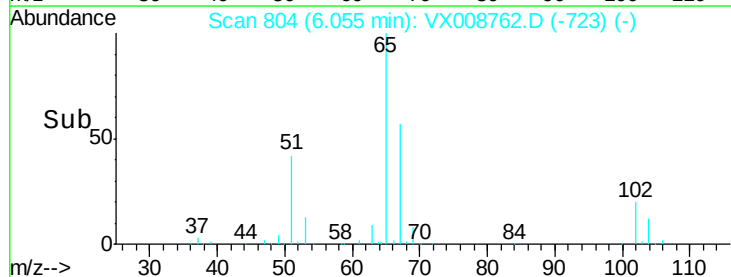
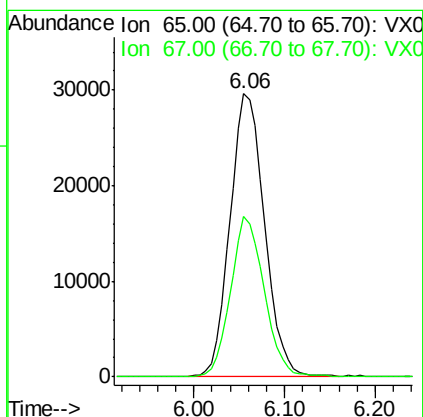
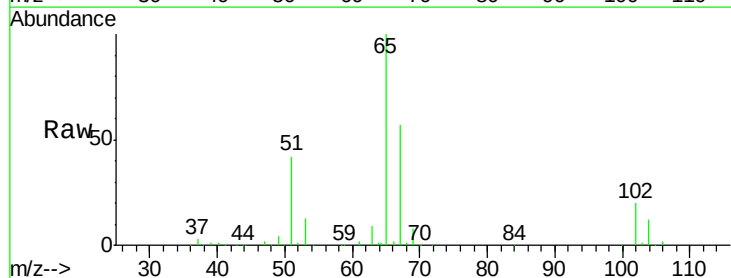
Instrument :
MSVOA_X
ClientSampleId :
55-ST-7

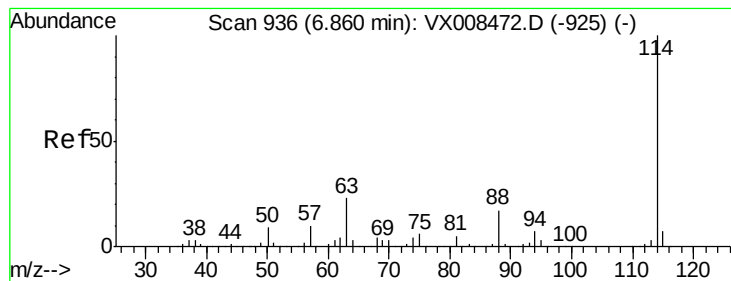
Tot Ion: 83 Resp: 6101
Ion Ratio Lower Upper
83 100
85 62.1 53.8 80.6



#27
1,2-Dichloroethane-d4
Concen: 30.204 ug/l
RT: 6.06 min Scan# 804
Delta R.T. -0.01 min
Lab File: VX008762.D
Acq: 09 Apr 2019 11:05

Tgt Ion: 65 Resp: 78497
Ion Ratio Lower Upper
65 100
67 55.1 42.9 64.3





#28

1,4-Difluorobenzene

Concen: 30.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. -0.01 min

Lab File: VX008762.D

Acq: 09 Apr 2019 11:05

Instrument :

MSVOA_X

ClientSampleId :

55-ST-7

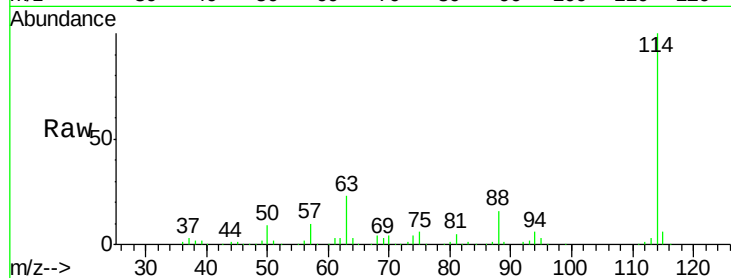
Tot Ion:114 Resp: 182724

Ion Ratio Lower Upper

114 100

63 23.4 14.2 21.4#

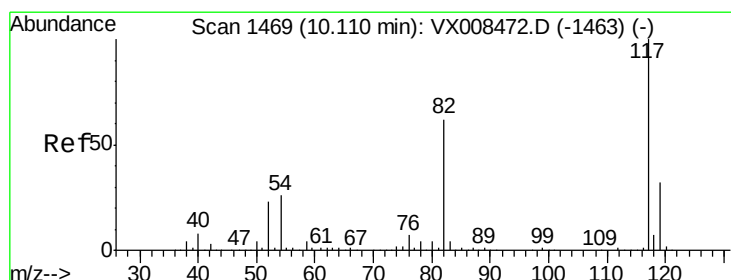
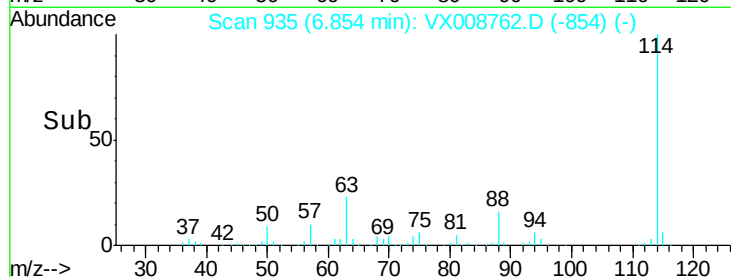
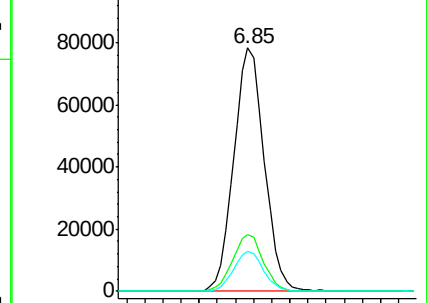
88 16.3 11.9 17.9



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: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008762.D

Acq: 09 Apr 2019 11:05

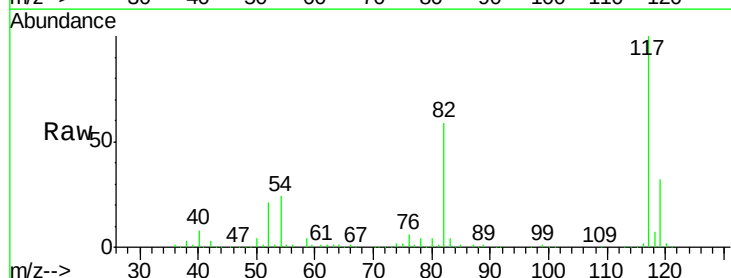
Tgt Ion:117 Resp: 155935

Ion Ratio Lower Upper

117 100

82 59.7 40.4 60.6

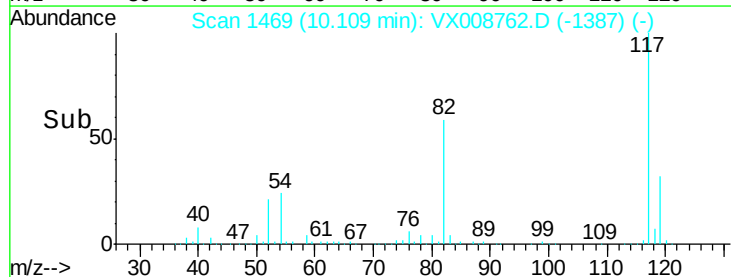
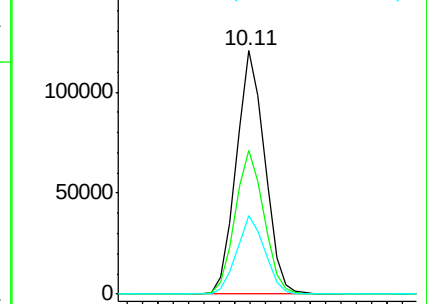
119 31.9 25.8 38.6

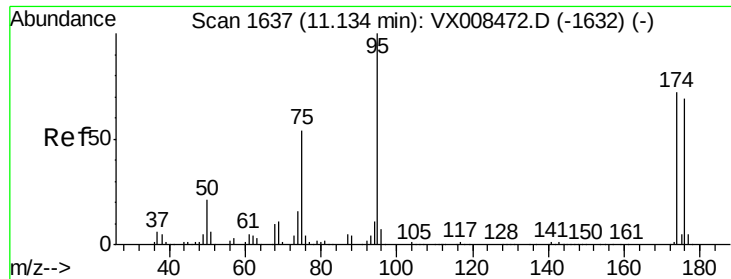


Abundance Ion 117.00 (116.70 to 117.70): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 119.00 (118.70 to 119.70): V

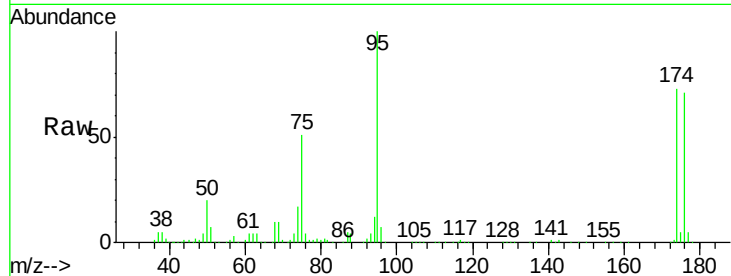




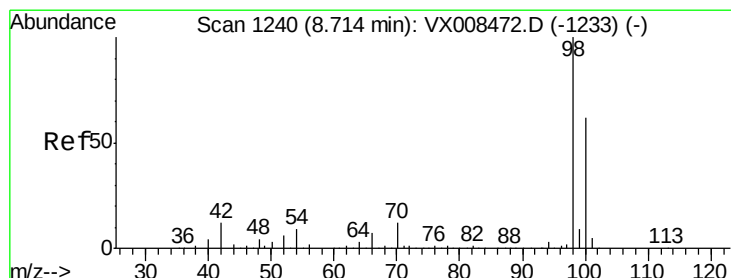
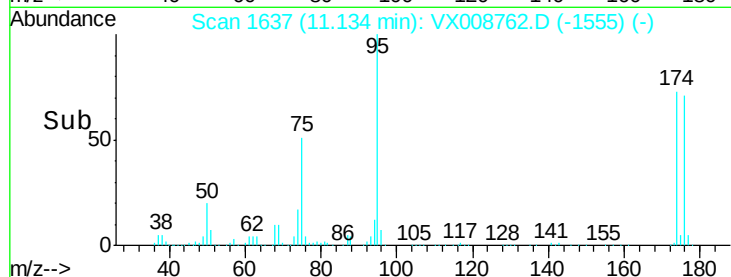
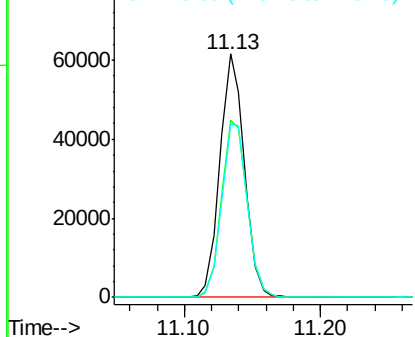
#60
4-Bromofluorobenzene
Concen: 28.260 ug/l
RT: 11.13 min Scan# 1637
Delta R.T. -0.00 min
Lab File: VX008762.D
Acq: 09 Apr 2019 11:05

Instrument :
MSVOA_X
ClientSampleId :
55-ST-7

Tot Ion: 95 Resp: 76780
Ion Ratio Lower Upper
95 100
174 75.8 74.9 112.3
176 74.2 70.7 106.1

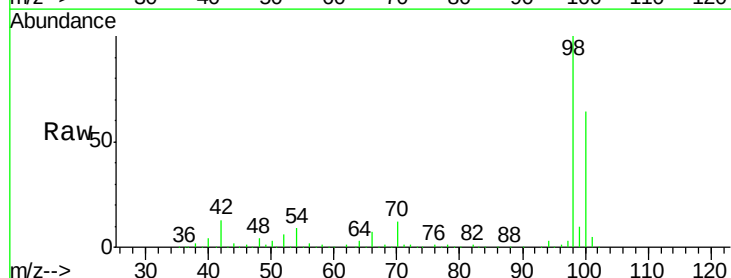


Abundance Ion 95.00 (94.70 to 95.70): VX0
Ion 174.00 (173.70 to 174.70): V
Ion 176.00 (175.70 to 176.70): V



#63
Toluene-d8
Concen: 30.054 ug/l
RT: 8.71 min Scan# 1240
Delta R.T. -0.00 min
Lab File: VX008762.D
Acq: 09 Apr 2019 11:05

Tgt Ion: 98 Resp: 222452
Ion Ratio Lower Upper
98 100
100 63.8 50.9 76.3



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

