

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX081119\
 Data File : VX011428.D
 Acq On : 11 Aug 2019 13:55
 Operator : JC/SP
 Sample : K4228-24
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F2-(0)

Quant Time: Aug 12 08:25:34 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X080119W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 02 01:55:00 2019
 Response via : Initial Calibration

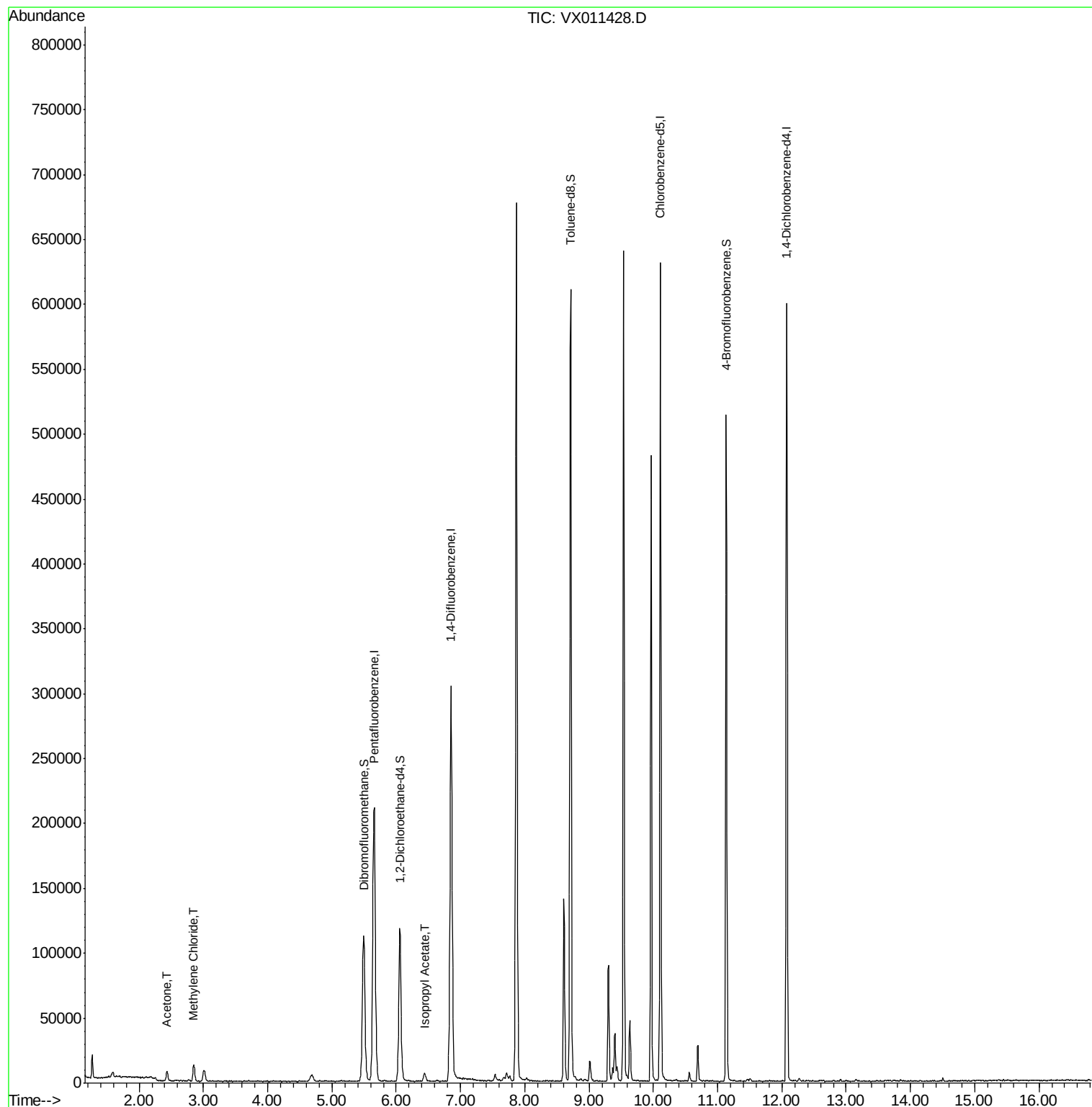
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	210994	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	310410	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	284455	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	128915	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	110505	52.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.02%	
35) Dibromofluoromethane	5.49	113	94291	46.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.06%	
50) Toluene-d8	8.71	98	370286	48.40	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.80%	
62) 4-Bromofluorobenzene	11.13	95	124536	45.60	ug/l	0.00
Spiked Amount 50.000			Recovery	=	91.20%	
Target Compounds						
16) Acetone	2.43	43	7543	7.458	ug/l	95
20) Methylene Chloride	2.85	84	5858	2.645	ug/l	91
43) Isopropyl Acetate	6.45	43	9128	2.100	ug/l	98

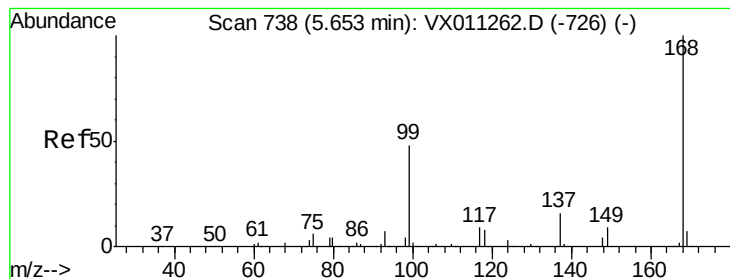
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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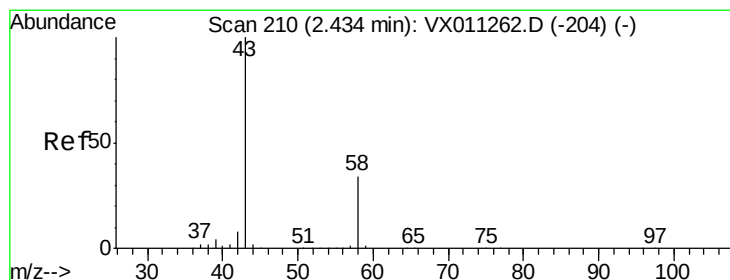
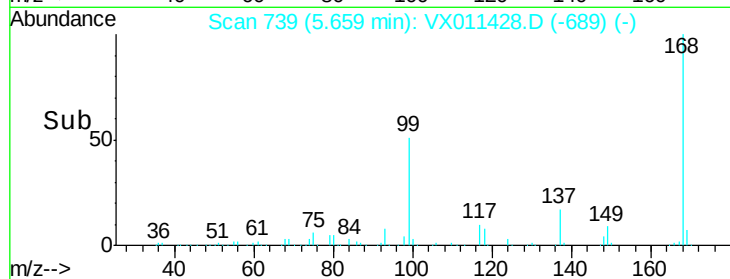
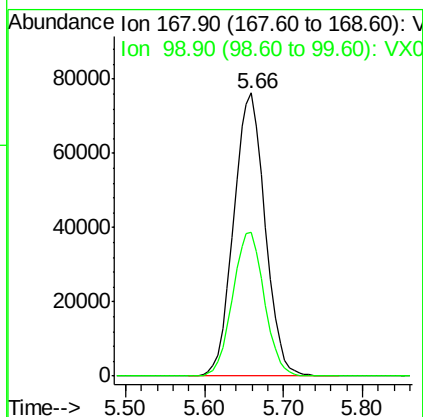
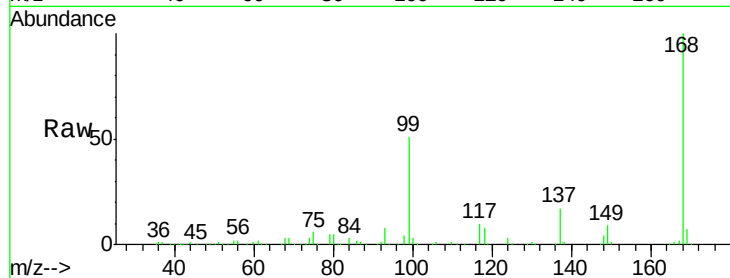




#1
Pentafluorobenzene
Concen: 50.000 ug/l
RT: 5.66 min Scan# 739
Delta R.T. 0.01 min
Lab File: VX011428.D
Acq: 11 Aug 2019 13:55

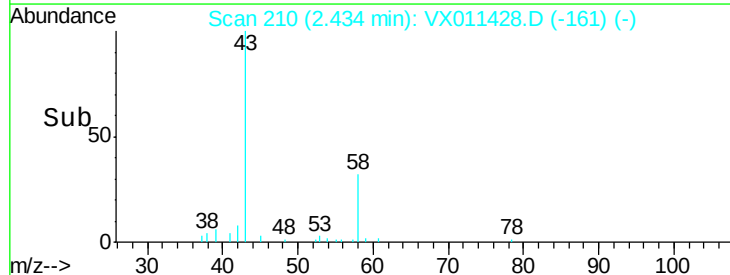
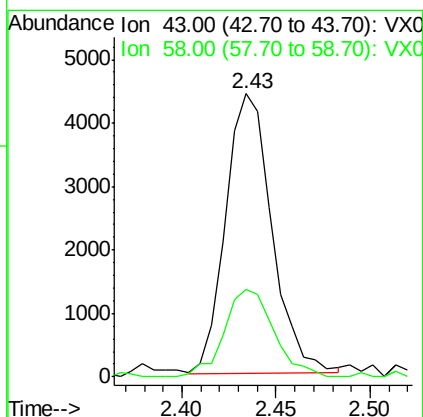
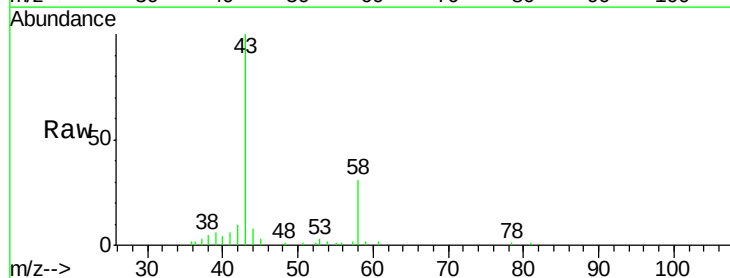
Instrument :
MSVOA_X
ClientSampleId :
2S-F2-(0)

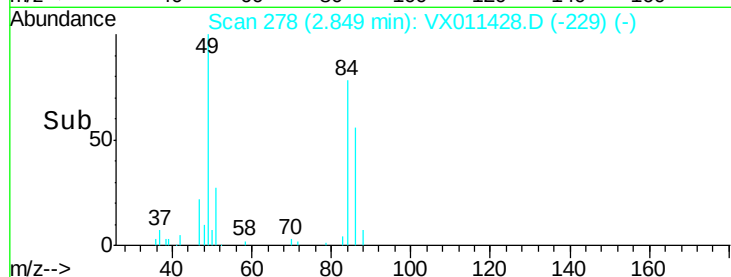
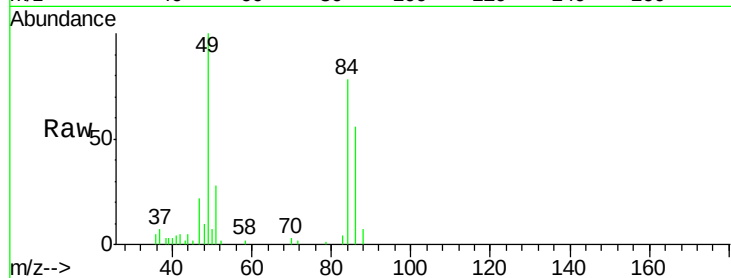
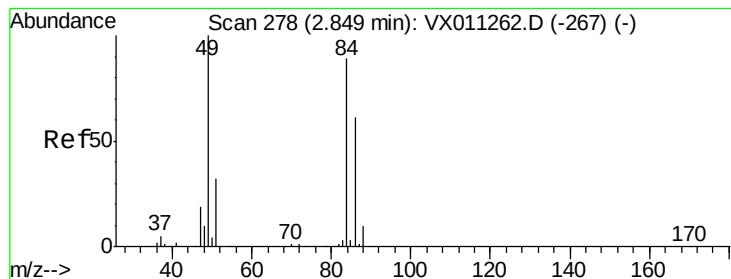
Tot Ion:168 Resp: 210994
Ion Ratio Lower Upper
168 100
99 50.6 38.5 57.7



#16
Acetone
Concen: 7.458 ug/l
RT: 2.43 min Scan# 210
Delta R.T. 0.00 min
Lab File: VX011428.D
Acq: 11 Aug 2019 13:55

Tgt Ion: 43 Resp: 7543
Ion Ratio Lower Upper
43 100
58 31.5 27.4 41.0





#20

Methylene Chloride

Concen: 2.645 ug/l

RT: 2.85 min Scan# 278

Delta R.T. 0.00 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(0)

Tot Ion: 84 Resp: 5858

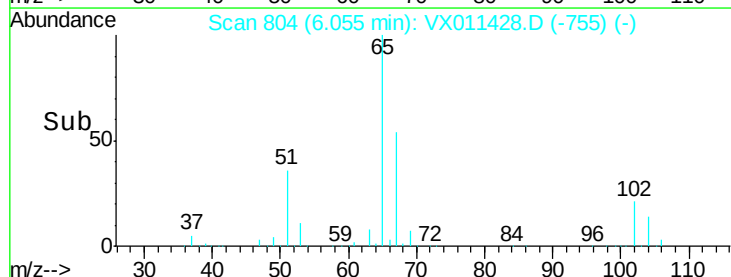
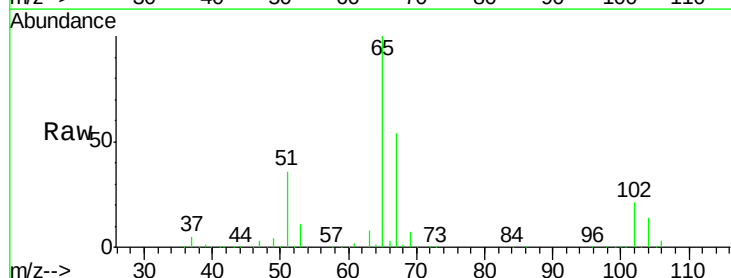
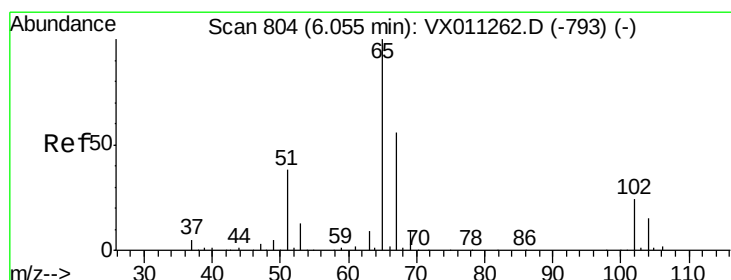
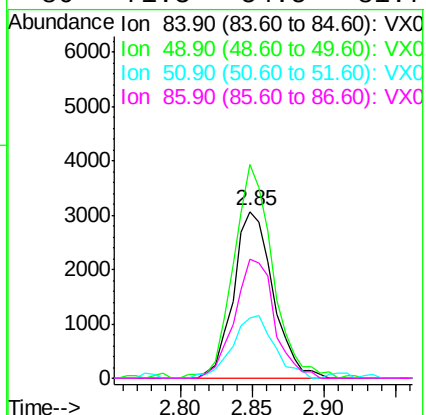
Ion Ratio Lower Upper

84 100

49 128.0 89.3 133.9

51 36.0 28.3 42.5

86 71.3 54.5 81.7



#33

1,2-Dichloroethane-d4

Concen: 52.007 ug/l

RT: 6.06 min Scan# 804

Delta R.T. 0.00 min

Lab File: VX011428.D

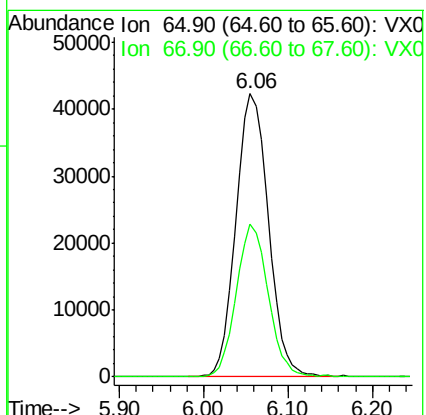
Acq: 11 Aug 2019 13:55

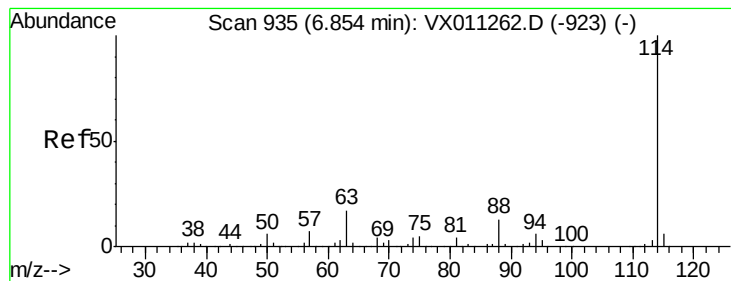
Tgt Ion: 65 Resp: 110505

Ion Ratio Lower Upper

65 100

67 52.7 0.0 110.6





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.85 min Scan# 935

Delta R.T. 0.00 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(0)

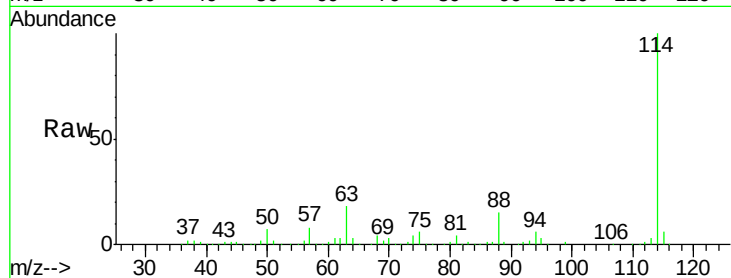
Tot Ion:114 Resp: 310410

Ion Ratio Lower Upper

114 100

63 18.3 0.0 34.0

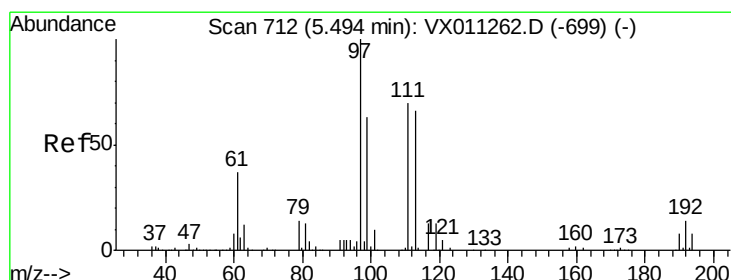
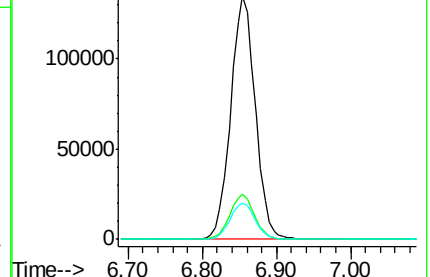
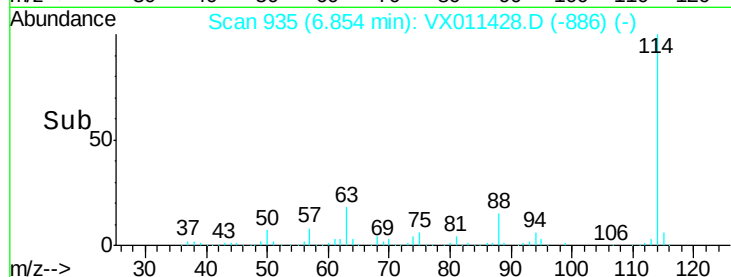
88 14.8 0.0 26.4



Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0



#35

Dibromofluoromethane

Concen: 46.527 ug/l

RT: 5.49 min Scan# 712

Delta R.T. 0.00 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

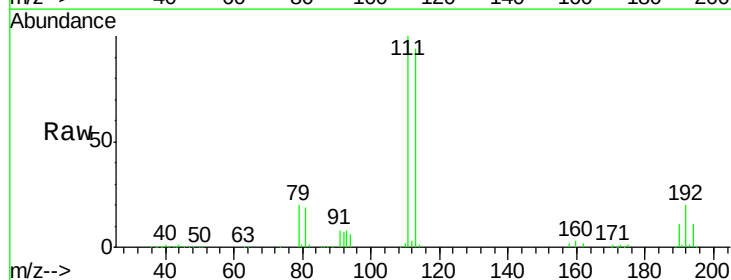
Tgt Ion:113 Resp: 94291

Ion Ratio Lower Upper

113 100

111 103.5 81.9 122.9

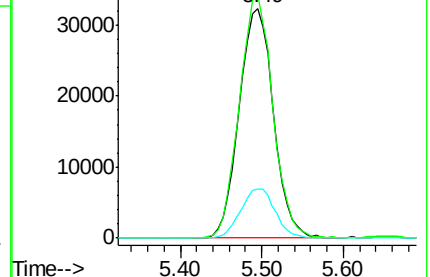
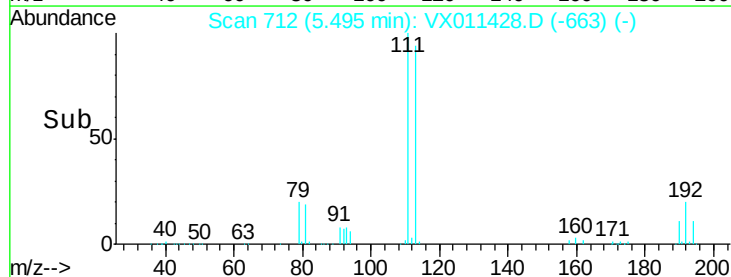
192 21.6 17.8 26.8

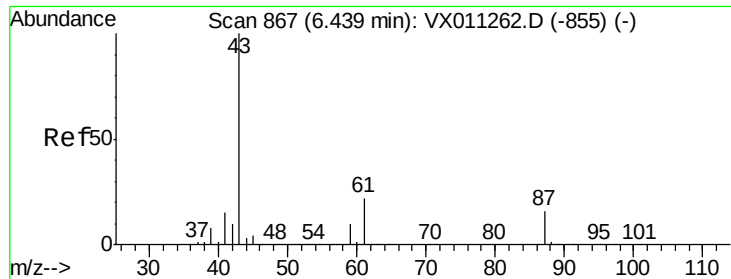


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 2.100 ug/l

RT: 6.45 min Scan# 868

Delta R.T. 0.01 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(0)

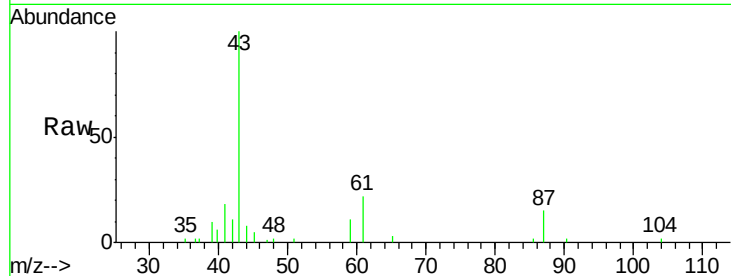
Tot Ion: 43 Resp: 9128

Ion Ratio Lower Upper

43 100

61 21.1 16.5 24.7

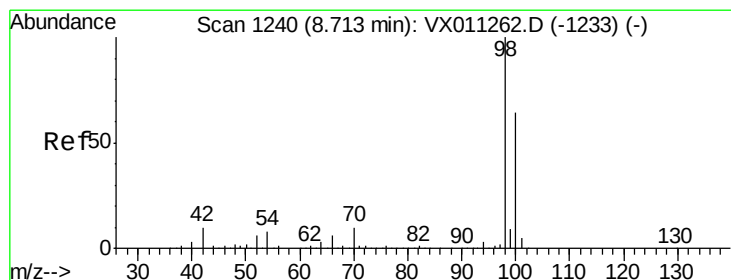
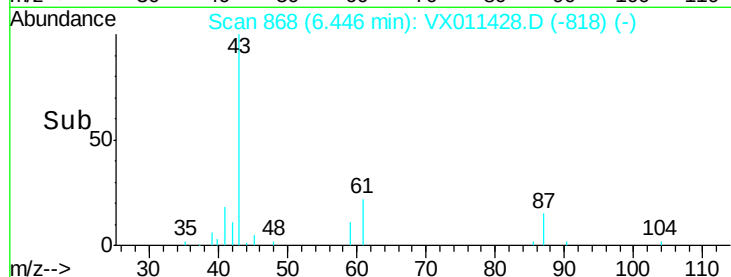
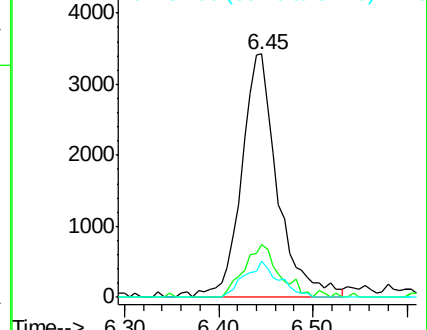
87 14.0 12.1 18.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 61.00 (60.70 to 61.70): VX0

Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 48.405 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX011428.D

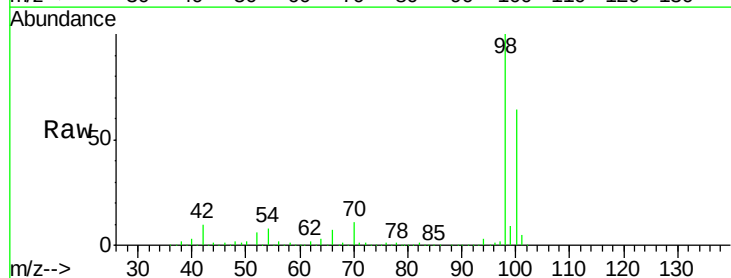
Acq: 11 Aug 2019 13:55

Tgt Ion: 98 Resp: 370286

Ion Ratio Lower Upper

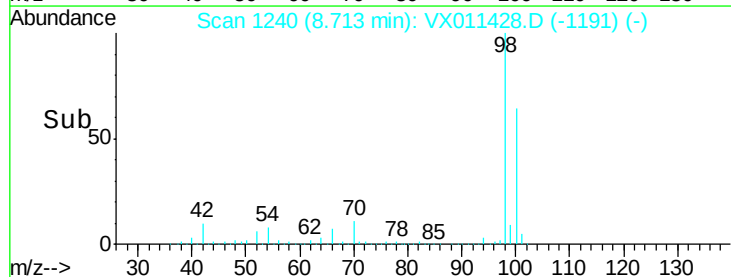
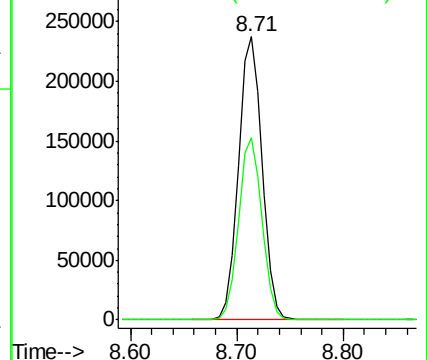
98 100

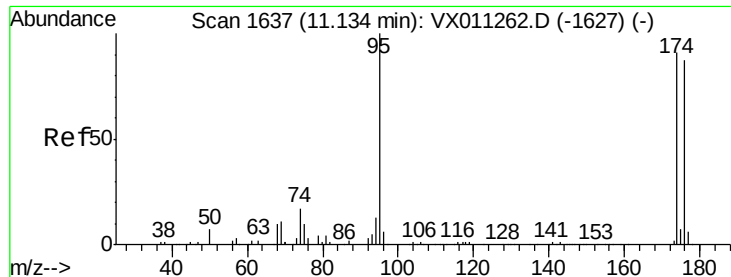
100 63.8 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 45.598 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

Instrument :

MSVOA_X

ClientSampleId :

2S-F2-(0)

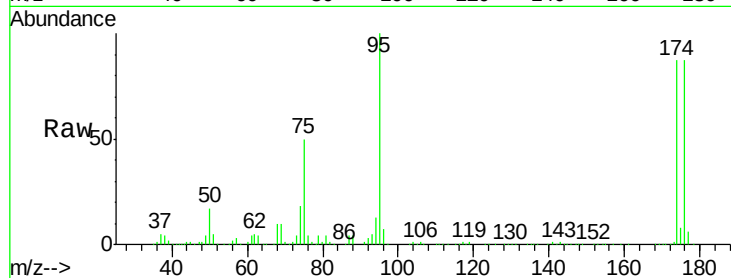
Tot Ion: 95 Resp: 124536

Ion Ratio Lower Upper

95 100

174 90.6 0.0 191.2

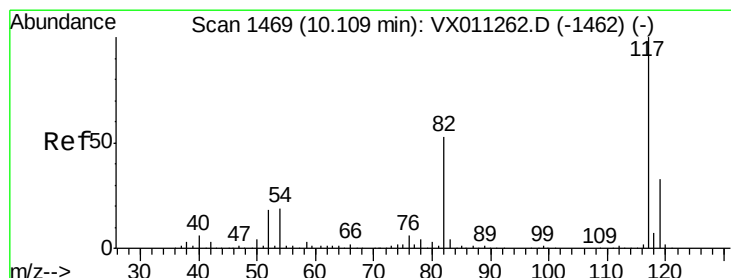
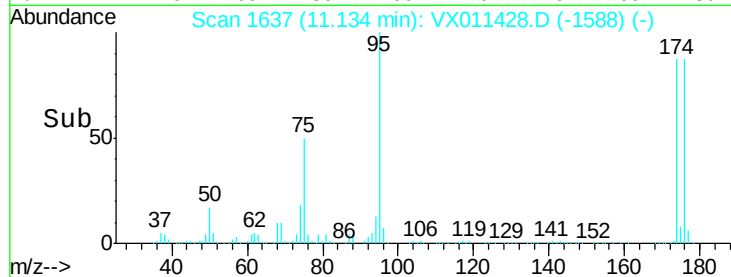
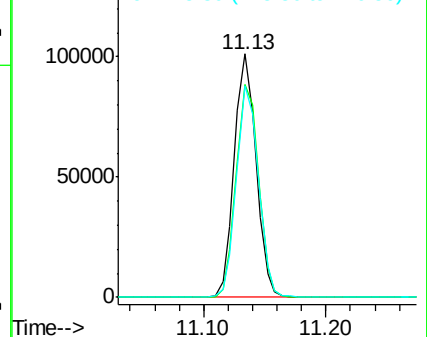
176 87.7 0.0 184.8



Abundance Ion 94.90 (94.60 to 95.60): VX011428.D (-1588) (-)

Ion 173.80 (173.50 to 174.50): VX011428.D (-1588) (-)

Ion 175.80 (175.50 to 176.50): VX011428.D (-1588) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX011428.D

Acq: 11 Aug 2019 13:55

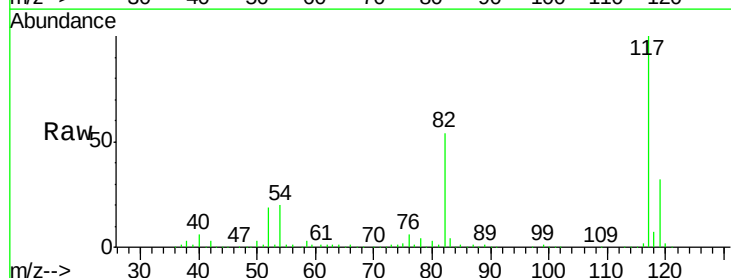
Tgt Ion: 117 Resp: 284455

Ion Ratio Lower Upper

117 100

82 54.3 42.2 63.2

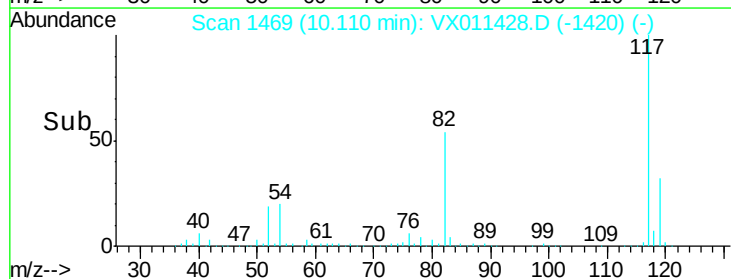
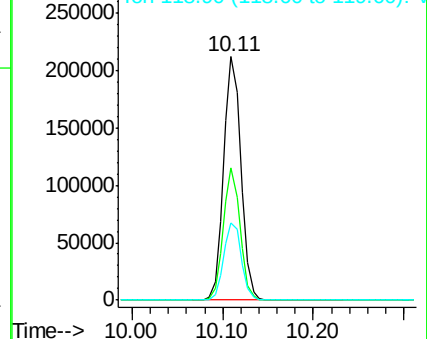
119 32.0 26.6 39.8

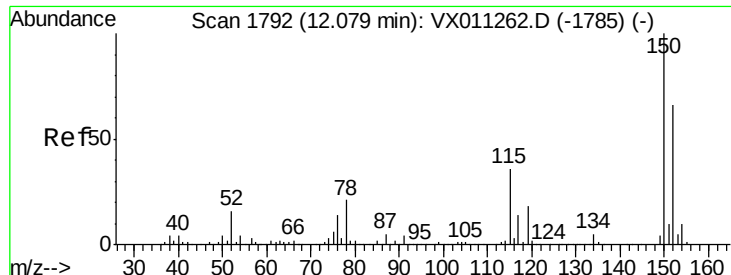


Abundance Ion 116.90 (116.60 to 117.60): VX011428.D (-1420) (-)

Ion 82.00 (81.70 to 82.70): VX011428.D (-1420) (-)

Ion 118.90 (118.60 to 119.60): VX011428.D (-1420) (-)

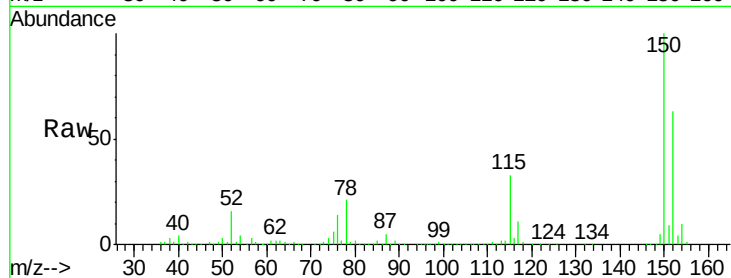




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.08 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: VX011428.D
 Acq: 11 Aug 2019 13:55

Instrument :
 MSVOA_X
 ClientSampleId :
 2S-F2-(0)

Tot Ion	Ratio	Lower	Upper
152	100		
115	56.3	40.0	119.9
150	160.1	0.0	350.4



Abundance Ion 151.90 (151.60 to 152.60): V
 Ion 114.90 (114.60 to 115.60): V
 Ion 149.90 (149.60 to 150.60): V

