

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX031919\
 Data File : VX008224.D
 Acq On : 20 Mar 2019 06:06
 Operator : JC/SP
 Sample : K1912-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 50 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T1-OZ(PRE)

Quant Time: Mar 20 09:14:32 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 20 06:51:58 2019
 Response via : Initial Calibration

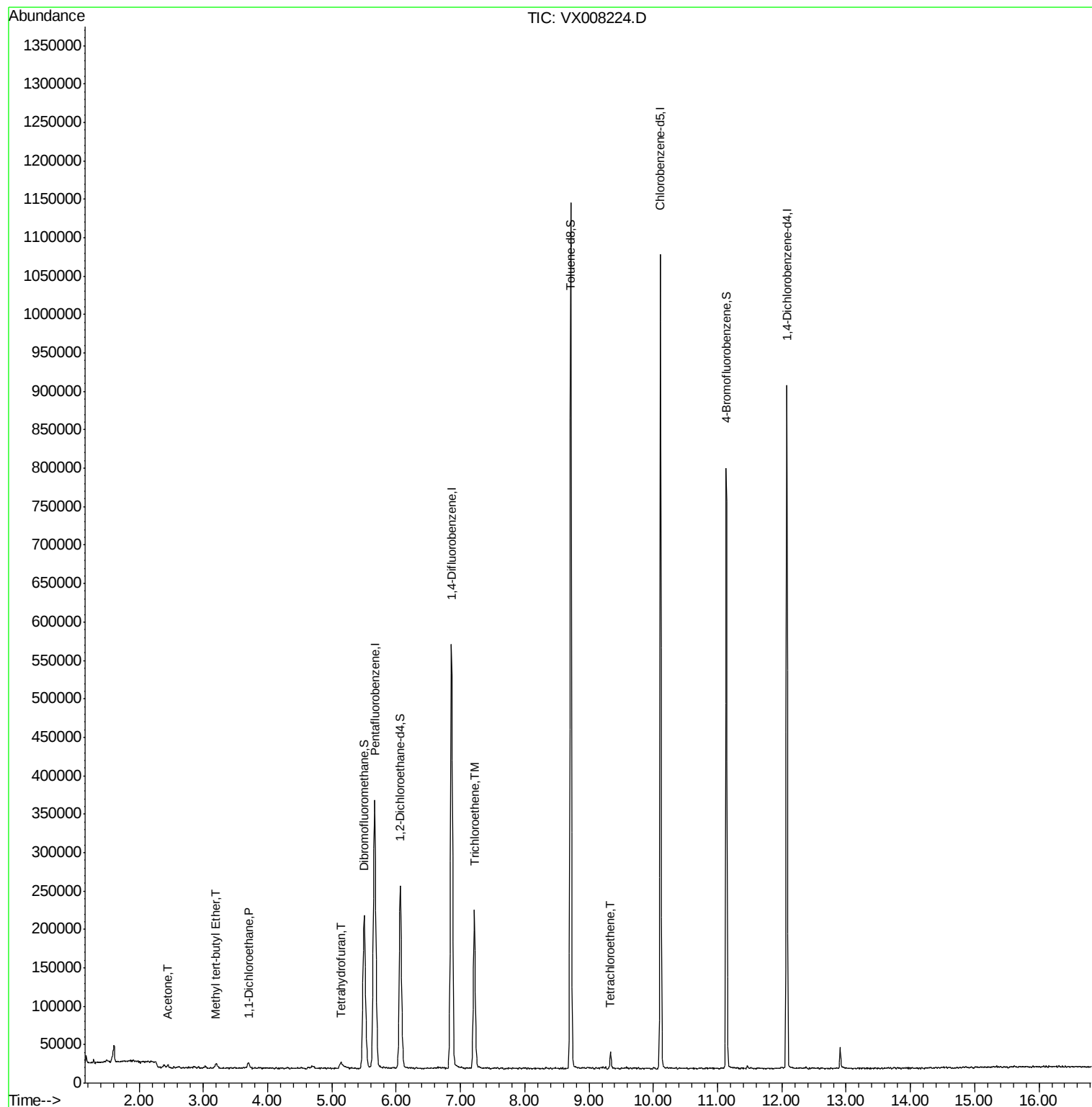
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	328410	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	534409	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	445748	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	175330	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	227706	46.04	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.08%	
35) Dibromofluoromethane	5.50	113	166258	46.47	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.94%	
50) Toluene-d8	8.71	98	653490	48.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.36%	
62) 4-Bromofluorobenzene	11.13	95	206439	44.20	ug/l	0.00
Spiked Amount 50.000			Recovery	=	88.40%	
Target Compounds						
					Qvalue	
16) Acetone	2.45	43	5267	1.878	ug/l	96
19) Methyl tert-butyl Ether	3.20	73	6563	0.456	ug/l #	82
24) 1,1-Dichloroethane	3.71	63	8105	0.928	ug/l	97
29) Tetrahydrofuran	5.14	42	8432	3.257	ug/l	92
44) Trichloroethene	7.21	130	77666	17.248	ug/l	89
64) Tetrachloroethene	9.34	164	4009	0.997	ug/l	91

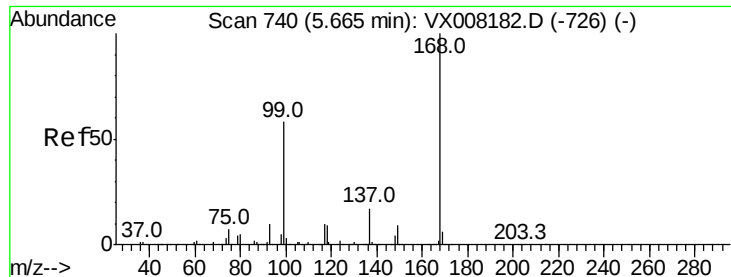
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\V0ASRV\HPCHEM1\MSVOA X\DATA\VX031919\
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Instrument :
MSVOA_X
ClientSampleId :
M3-T1-OZ(PRE)

Quant Time: Mar 20 09:14:32 2019
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X031919W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 20 06:51:58 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.67 min Scan# 740

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

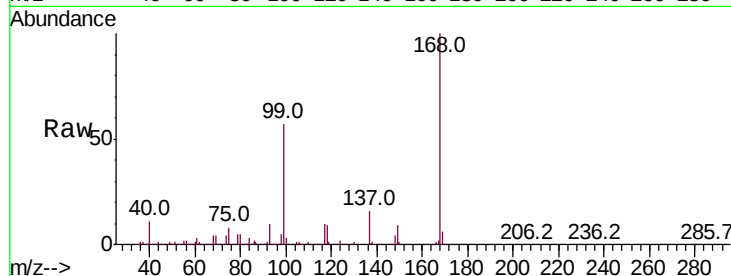
M3-T1-OZ(PRE)

Tot Ion:168 Resp: 328410

Ion Ratio Lower Upper

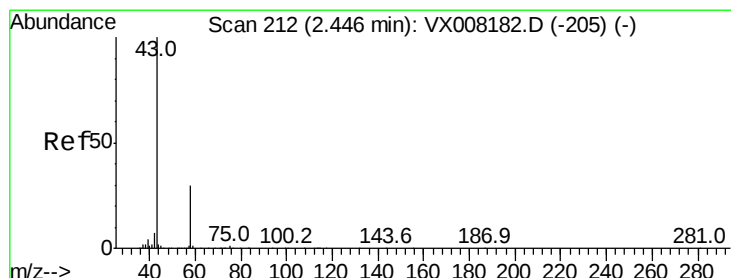
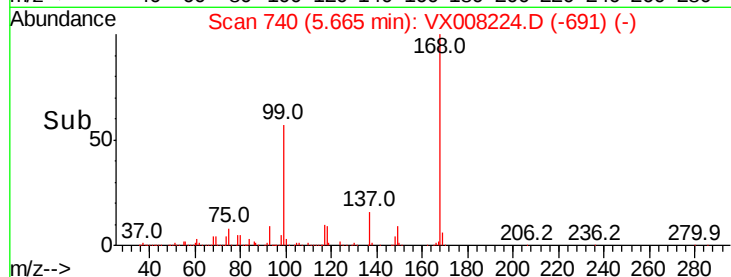
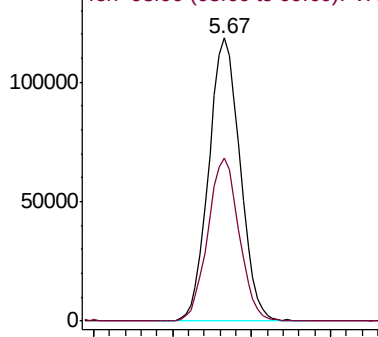
168 100

99 57.3 37.6 56.4#



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 1.878 ug/l

RT: 2.45 min Scan# 212

Delta R.T. -0.00 min

Lab File: VX008224.D

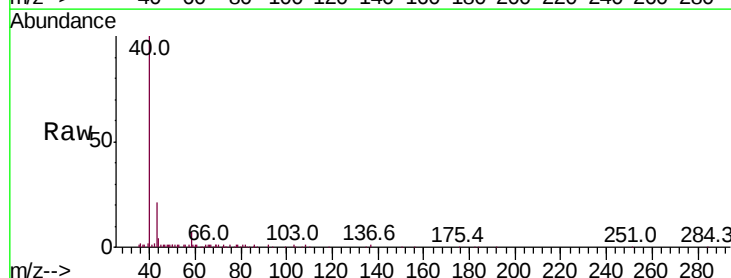
Acq: 20 Mar 2019 06:06

Tgt Ion: 43 Resp: 5267

Ion Ratio Lower Upper

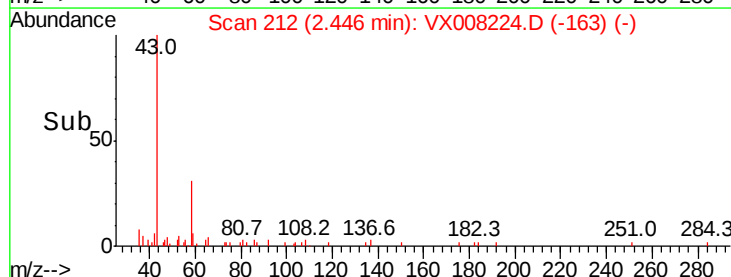
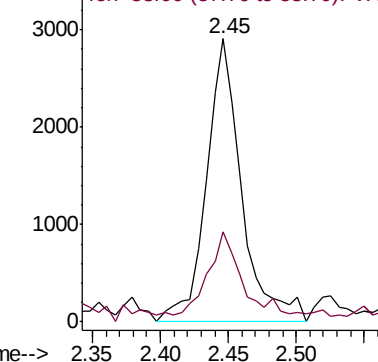
43 100

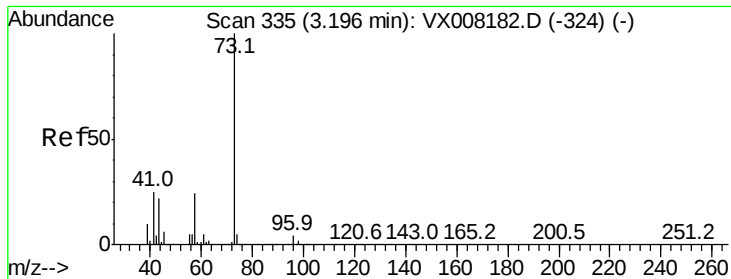
58 29.5 25.5 38.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



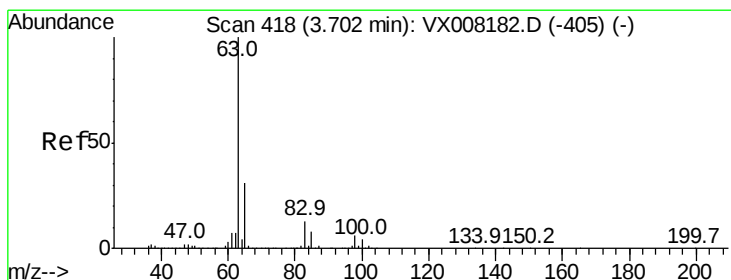
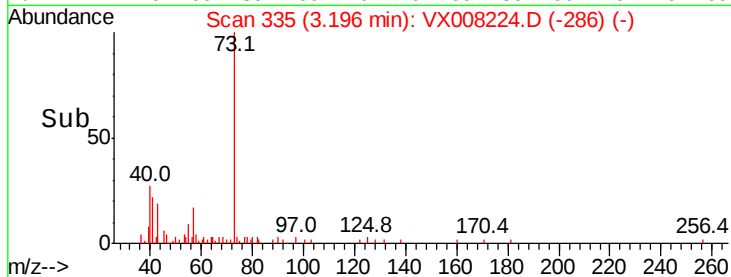
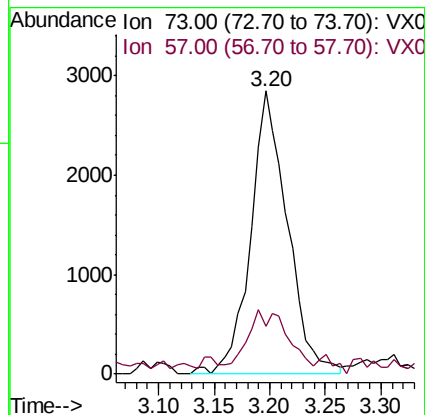
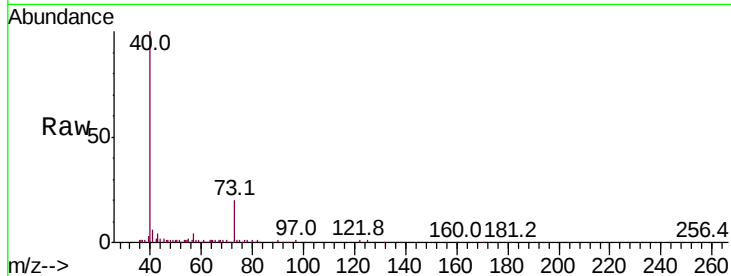


#19

Methvl tert-butvl Ether
 Concen: 0.456 ug/l
 RT: 3.20 min Scan# 335
 Delta R.T. -0.00 min
 Lab File: VX008224.D
 Acq: 20 Mar 2019 06:06

Instrument :
 MSVOA_X
 ClientSampleId :
 M3-T1-OZ(PRE)

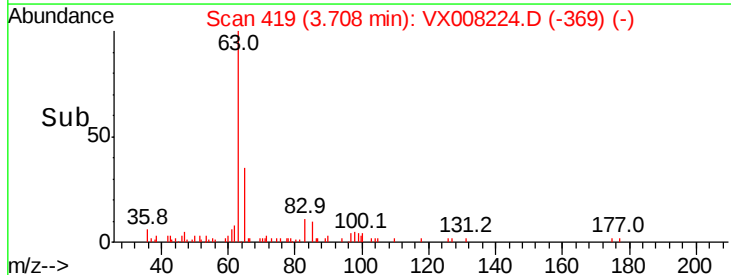
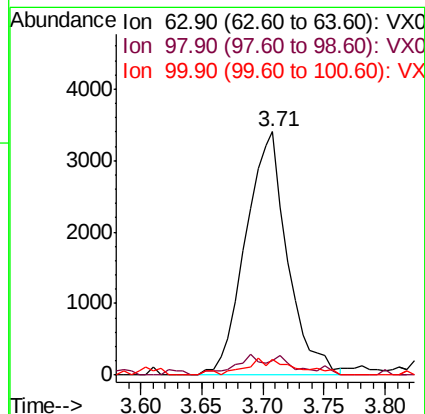
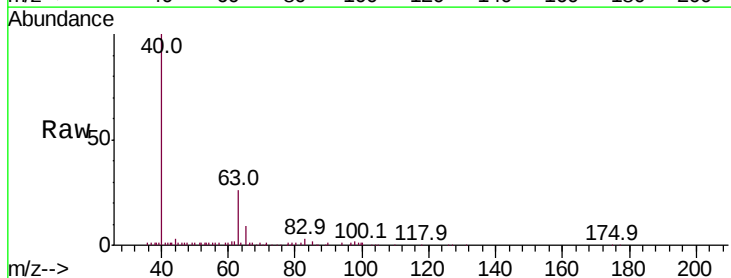
Tot Ion: 73 Resp: 6563
 Ion Ratio Lower Upper
 73 100
 57 14.1 18.2 27.4#

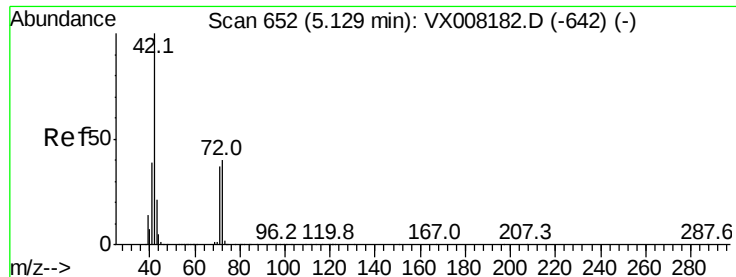


#24

1,1-Dichloroethane
 Concen: 0.928 ug/l
 RT: 3.71 min Scan# 419
 Delta R.T. 0.01 min
 Lab File: VX008224.D
 Acq: 20 Mar 2019 06:06

Tgt Ion: 63 Resp: 8105
 Ion Ratio Lower Upper
 63 100
 98 6.1 3.3 9.8
 100 6.7 2.3 6.8

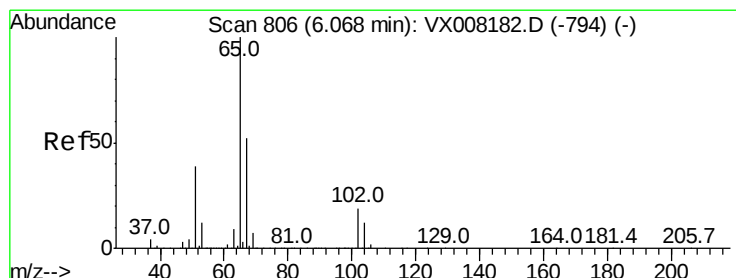
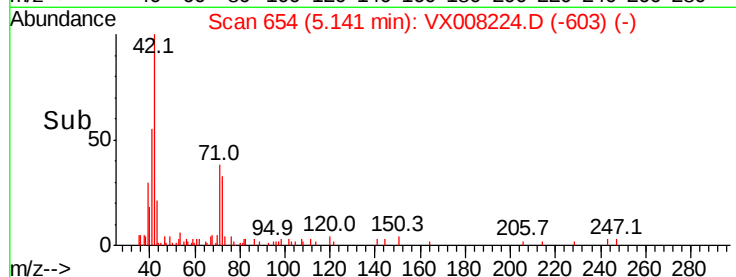
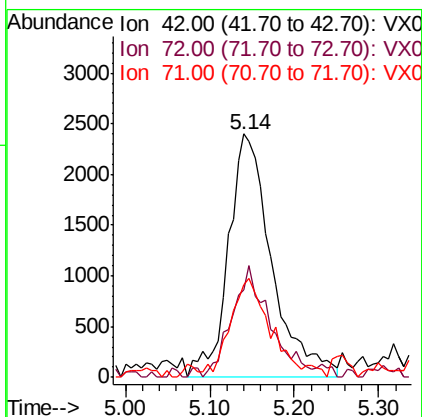
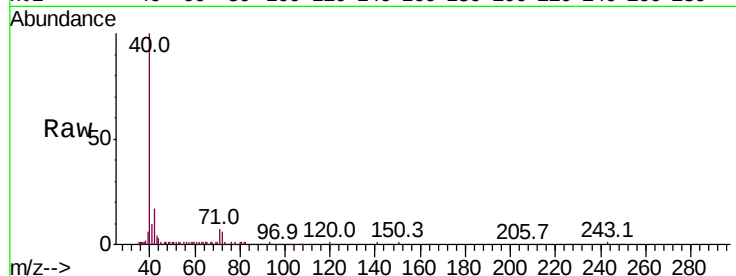




#29
Tetrahydrofuran
Concen: 3.257 ug/l
RT: 5.14 min Scan# 654
Delta R.T. 0.01 min
Lab File: VX008224.D
Acq: 20 Mar 2019 06:06

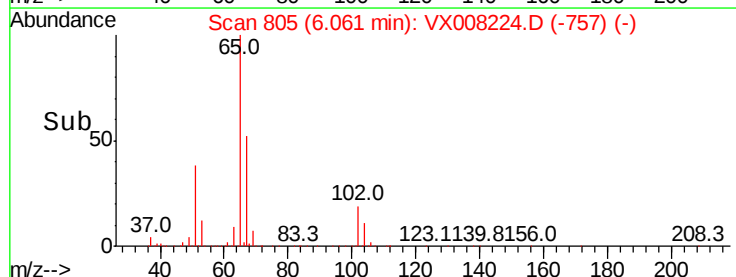
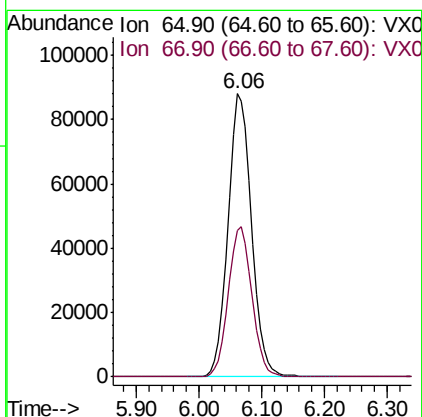
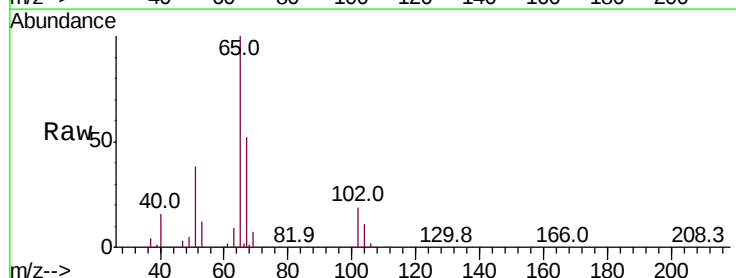
Instrument :
MSVOA_X
ClientSampleId :
M3-T1-OZ(PRE)

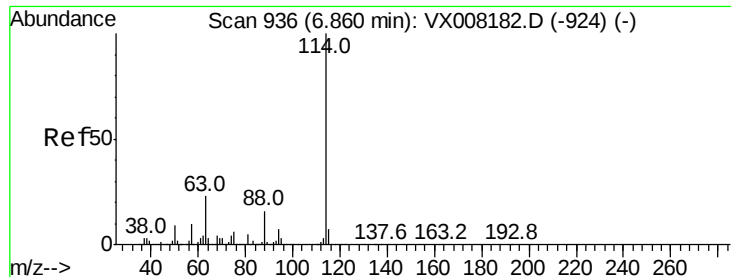
Tot Ion: 42 Resp: 8432
Ion Ratio Lower Upper
42 100
72 40.0 33.8 50.6
71 32.1 31.5 47.3



#33
1,2-Dichloroethane-d4
Concen: 46.037 ug/l
RT: 6.06 min Scan# 805
Delta R.T. -0.01 min
Lab File: VX008224.D
Acq: 20 Mar 2019 06:06

Tgt Ion: 65 Resp: 227706
Ion Ratio Lower Upper
65 100
67 53.3 0.0 110.0





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

M3-T1-OZ(PRE)

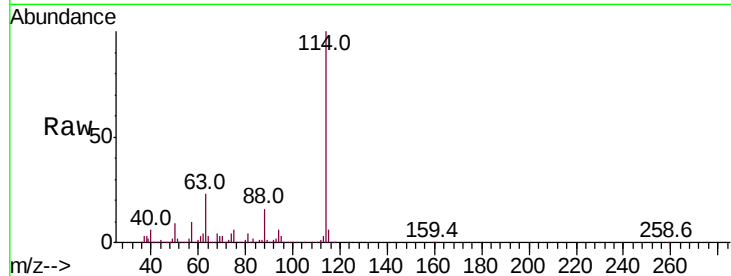
Tot Ion:114 Resp: 534409

Ion Ratio Lower Upper

114 100

63 22.7 0.0 39.8

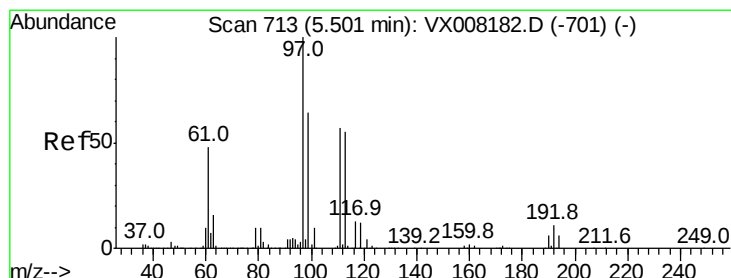
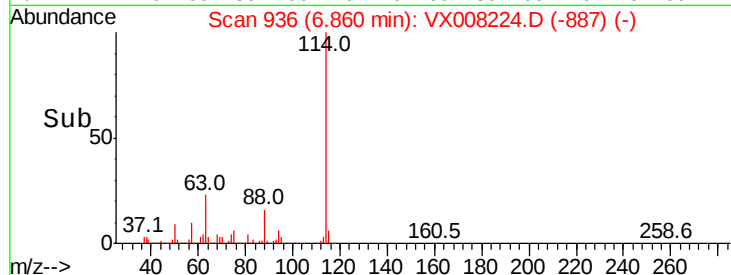
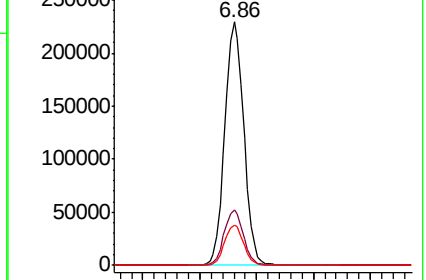
88 16.2 0.0 31.4



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: 46.473 ug/l

RT: 5.50 min Scan# 713

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

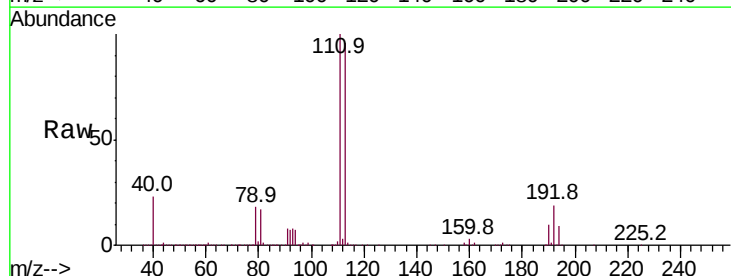
Tgt Ion:113 Resp: 166258

Ion Ratio Lower Upper

113 100

111 103.8 81.4 122.0

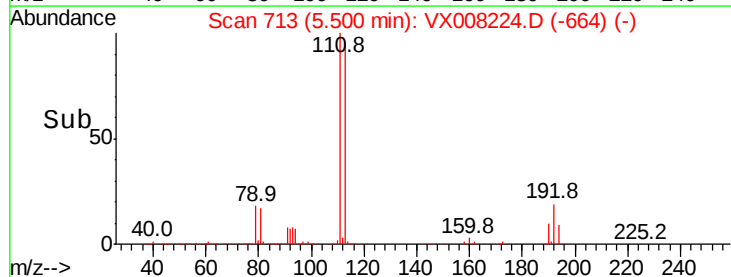
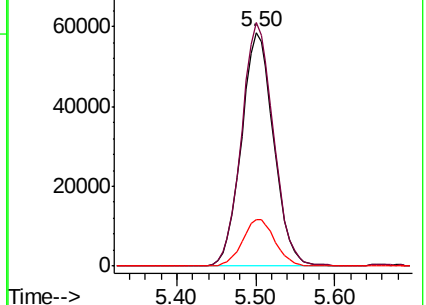
192 20.3 19.4 29.0

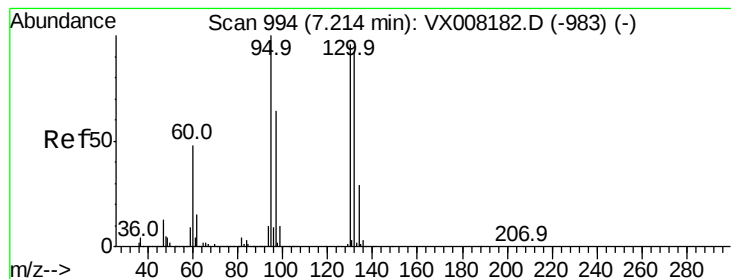


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 17.248 ug/l

RT: 7.21 min Scan# 994

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

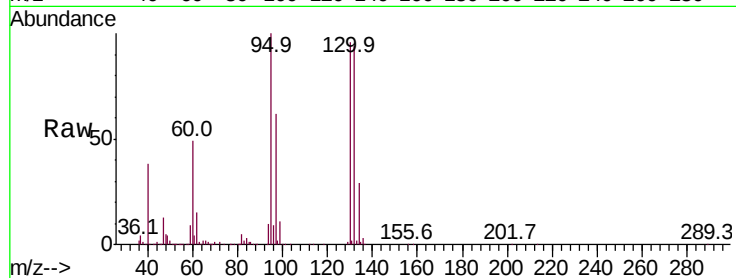
M3-T1-OZ(PRE)

Tot Ion:130 Resp: 77666

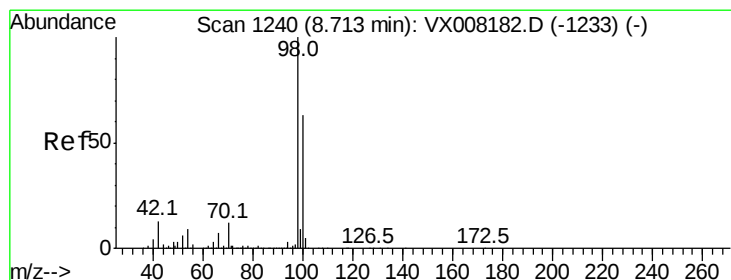
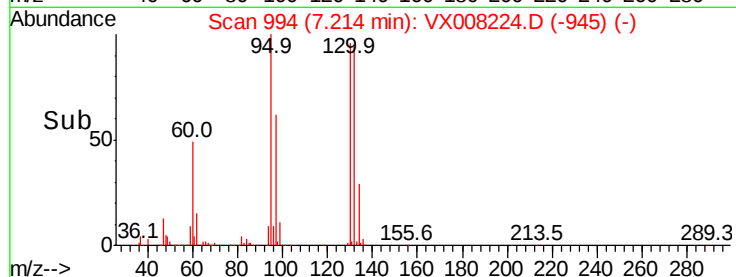
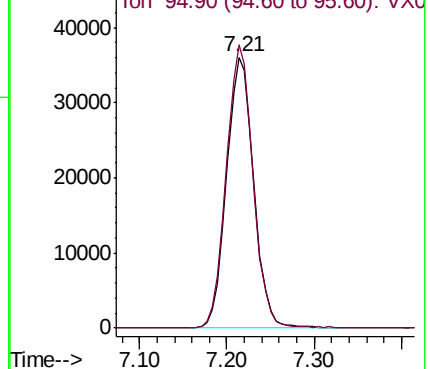
Ion Ratio Lower Upper

130 100

95 104.2 0.0 188.0



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 48.180 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. -0.00 min

Lab File: VX008224.D

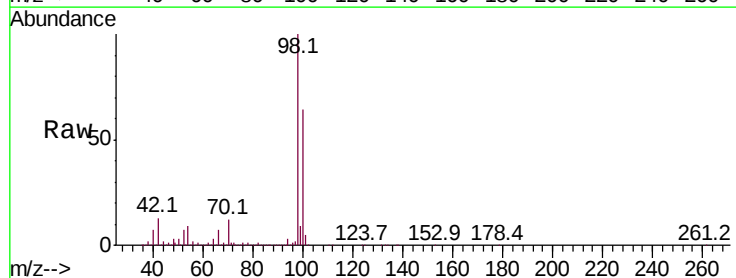
Acq: 20 Mar 2019 06:06

Tgt Ion: 98 Resp: 653490

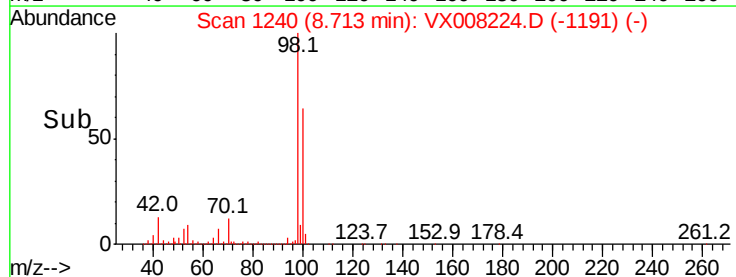
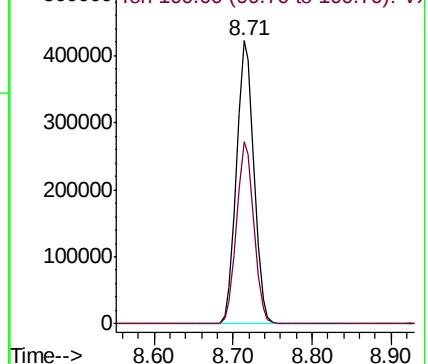
Ion Ratio Lower Upper

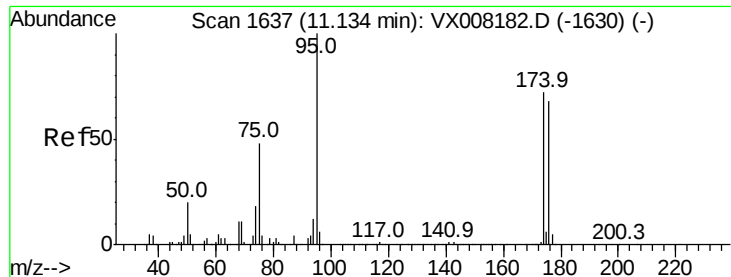
98 100

100 63.6 51.7 77.5



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 44.203 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

Instrument :

MSVOA_X

ClientSampleId :

M3-T1-OZ(PRE)

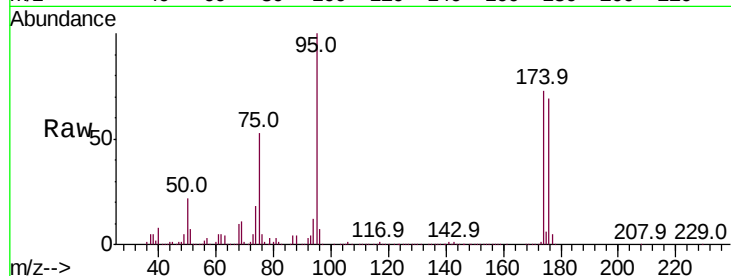
Tot Ion: 95 Resp: 206439

Ion Ratio Lower Upper

95 100

174 78.4 0.0 182.8

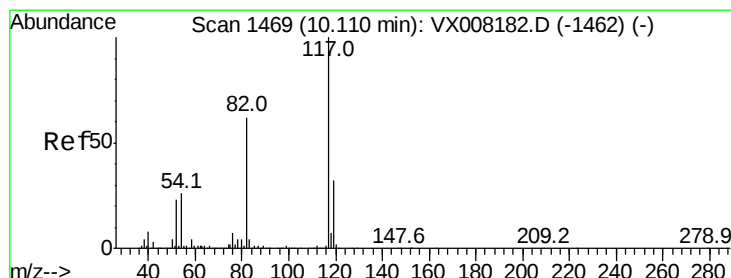
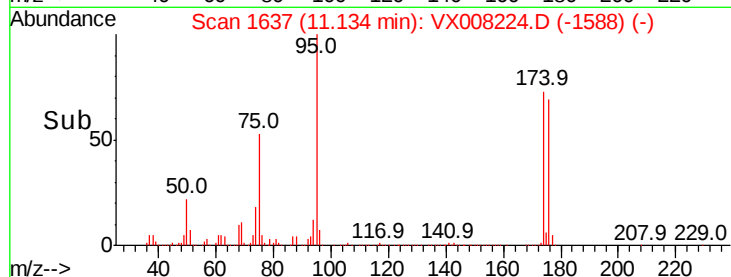
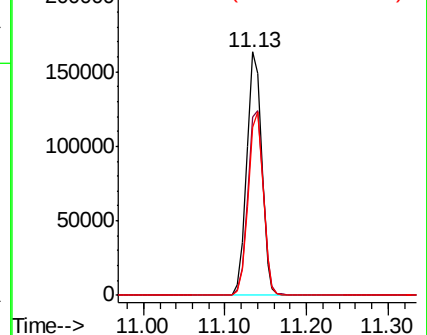
176 75.5 0.0 178.0



Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): VX0

Ion 175.80 (175.50 to 176.50): VX0



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. -0.00 min

Lab File: VX008224.D

Acq: 20 Mar 2019 06:06

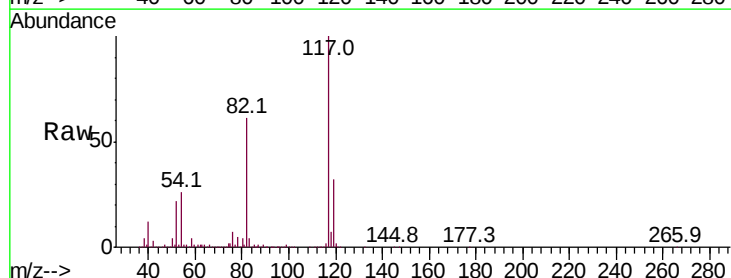
Tgt Ion: 117 Resp: 445748

Ion Ratio Lower Upper

117 100

82 60.7 44.3 66.5

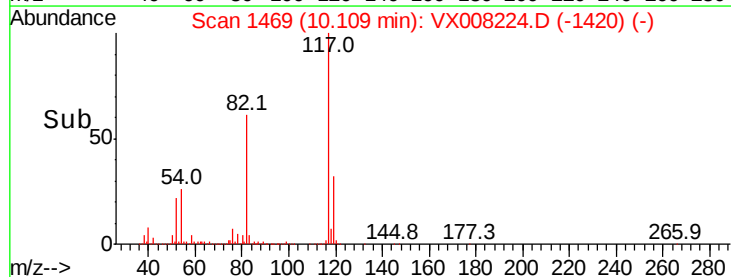
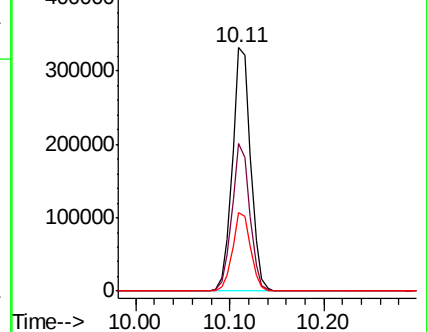
119 32.1 25.3 37.9

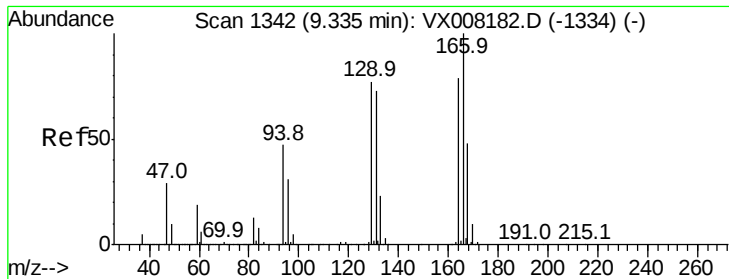


Abundance Ion 116.90 (116.60 to 117.60): VX0

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): VX0

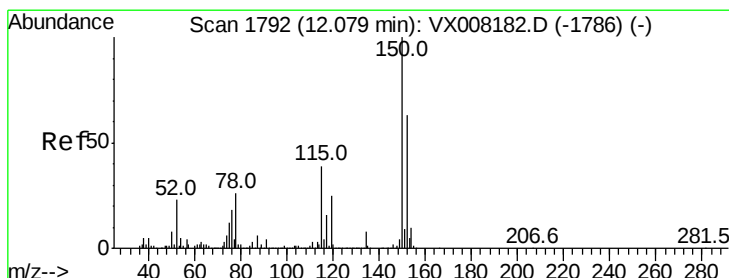
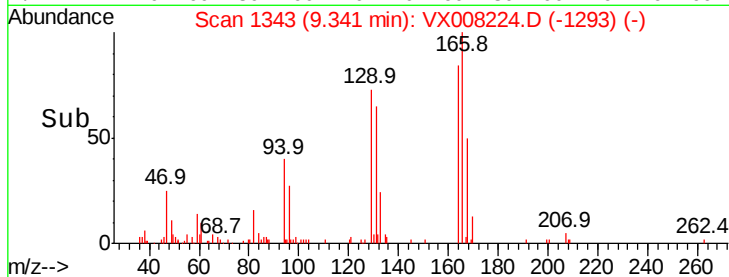
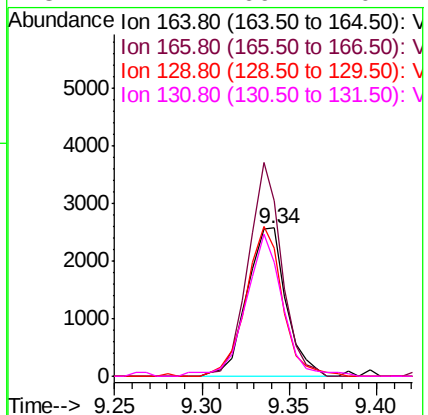
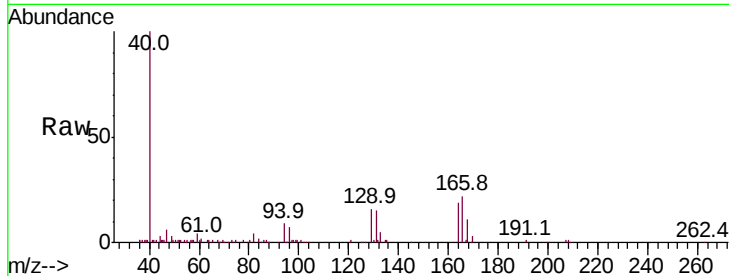




#64
Tetrachloroethene
Concen: 0.997 ug/l
RT: 9.34 min Scan# 1343
Delta R.T. 0.01 min
Lab File: VX008224.D
Acq: 20 Mar 2019 06:06

Instrument :
MSVOA_X
ClientSampleId :
M3-T1-OZ(PRE)

Tot Ion:164 Resp: 4009
Ion Ratio Lower Upper
164 100
166 118.4 103.4 155.0
129 86.3 72.2 108.4
131 74.1 69.4 104.2



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. -0.00 min
Lab File: VX008224.D
Acq: 20 Mar 2019 06:06

Tgt Ion:152 Resp: 175330
Ion Ratio Lower Upper
152 100
115 59.8 38.6 115.7
150 157.1 0.0 348.4

