

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012792.D
 Acq On : 03 Oct 2019 18:33
 Operator : JC/SP
 Sample : K5189-11
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190930

Quant Time: Oct 04 07:38:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X092319W.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 23 12:27:01 2019
 Response via : Initial Calibration

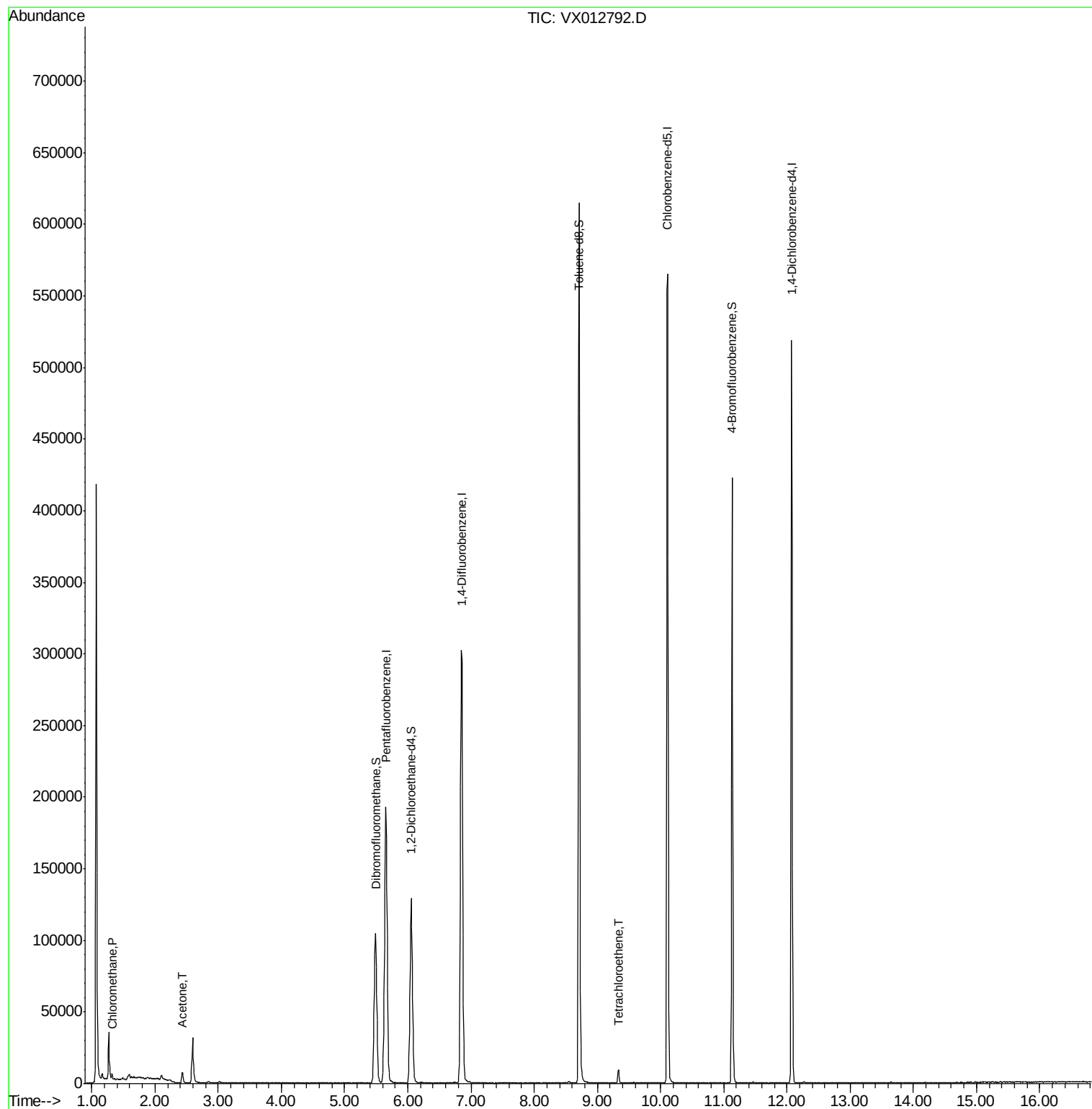
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	174122	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	301545	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	262827	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	99824	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	121513	47.92	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.84%	
35) Dibromofluoromethane	5.49	113	92167	51.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.64%	
50) Toluene-d8	8.71	98	360195	52.08	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.16%	
62) 4-Bromofluorobenzene	11.14	95	121303	44.61	ug/l	0.00
Spiked Amount 50.000			Recovery	=	89.22%	
Target Compounds						
3) Chloromethane	1.32	50	2019	0.898	ug/l #	88
16) Acetone	2.44	43	7943	5.914	ug/l #	85
64) Tetrachloroethene	9.33	164	1756	0.958	ug/l #	86

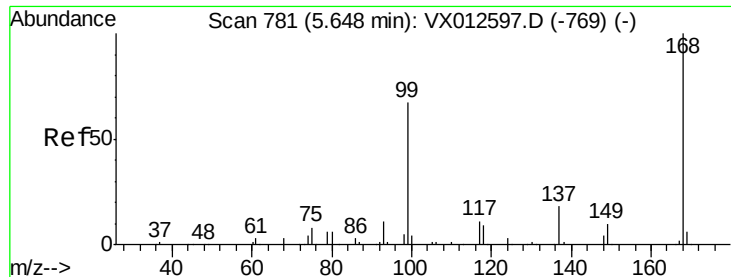
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Mon Sep 23 12:27:01 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. 0.01 min

Lab File: VX012792.D

Acq: 03 Oct 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

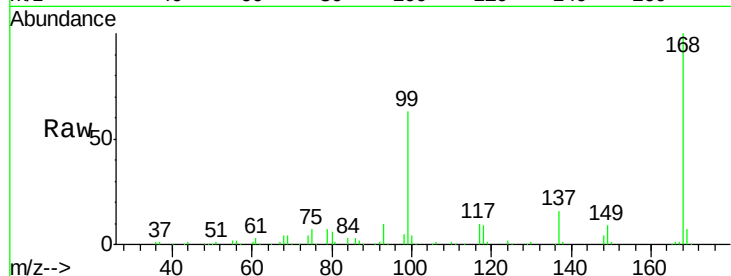
SA-MW127I-20190930

Tot Ion:168 Resp: 174122

Ion Ratio Lower Upper

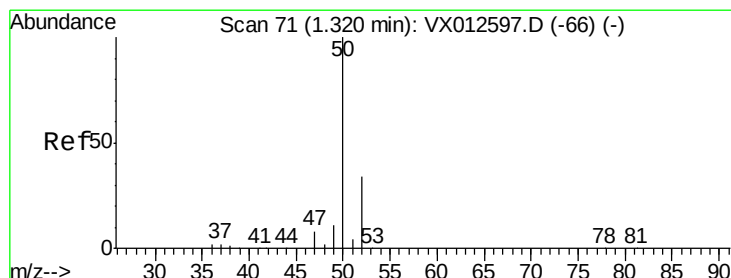
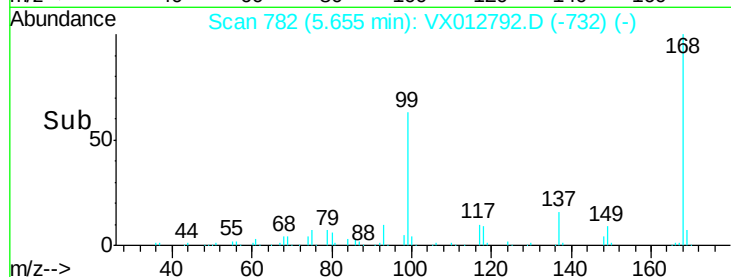
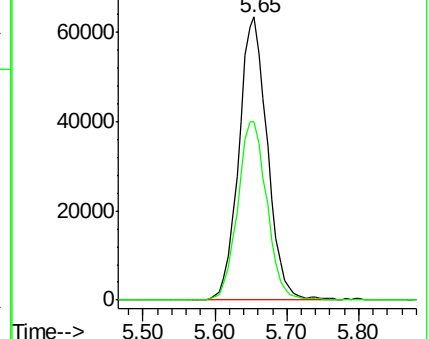
168 100

99 63.2 51.4 77.2



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#3

Chloromethane

Concen: 0.898 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012792.D

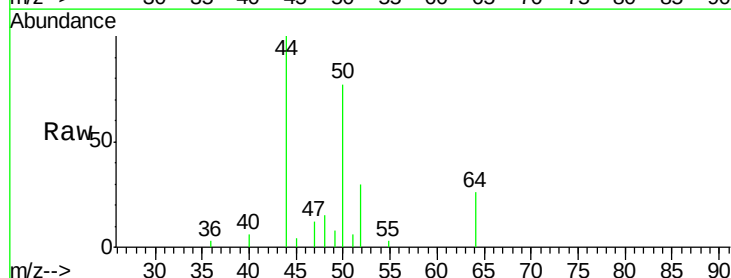
Acq: 03 Oct 2019 18:33

Tgt Ion: 50 Resp: 2019

Ion Ratio Lower Upper

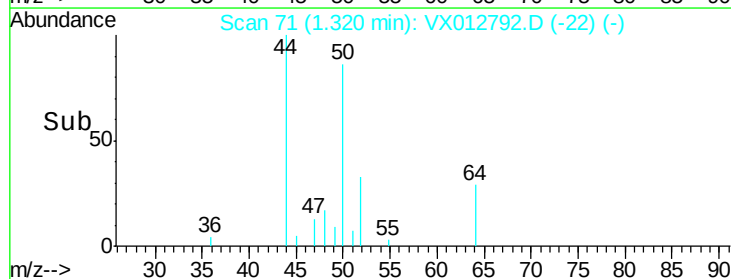
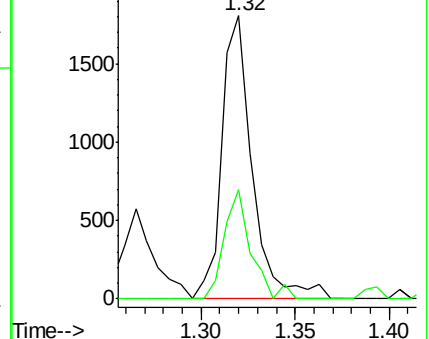
50 100

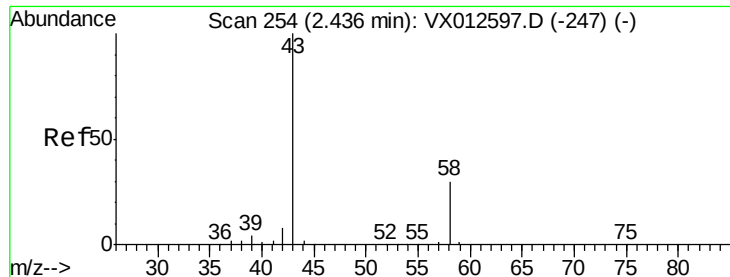
52 38.6 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.914 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012792.D

Acq: 03 Oct 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

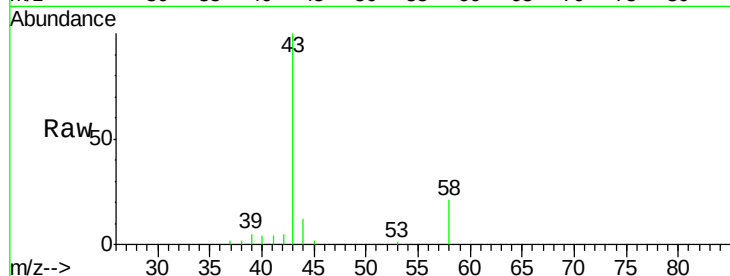
SA-MW127I-20190930

Tot Ion: 43 Resp: 7943

Ion Ratio Lower Upper

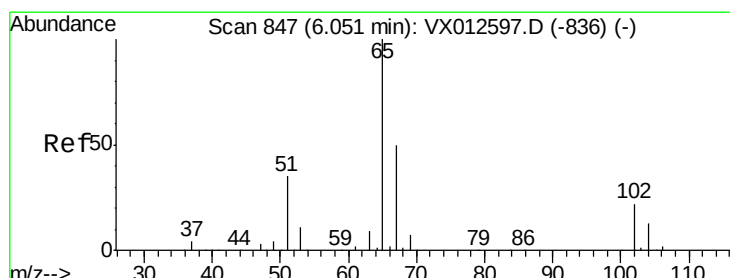
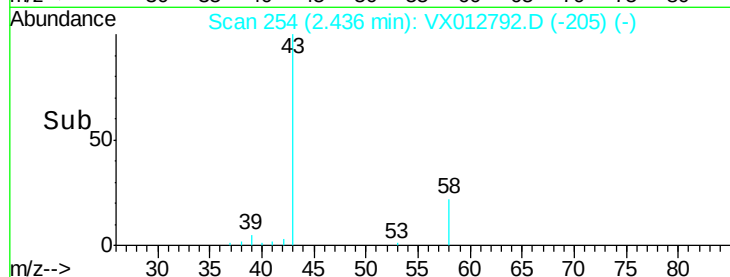
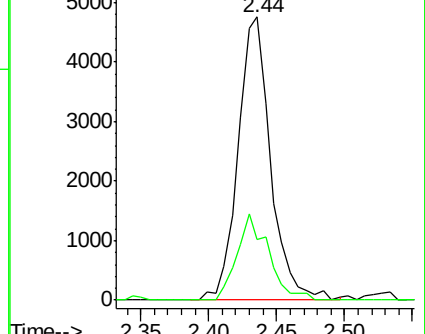
43 100

58 21.3 23.3 34.9#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 47.924 ug/l

RT: 6.05 min Scan# 847

Delta R.T. 0.00 min

Lab File: VX012792.D

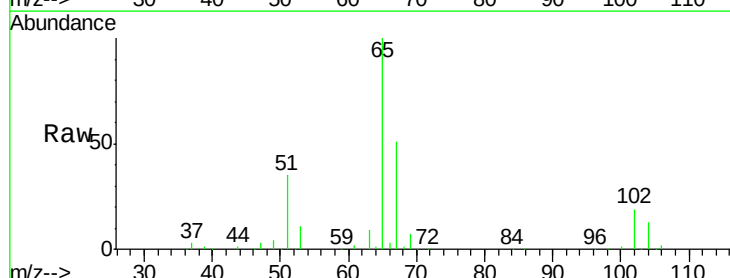
Acq: 03 Oct 2019 18:33

Tgt Ion: 65 Resp: 121513

Ion Ratio Lower Upper

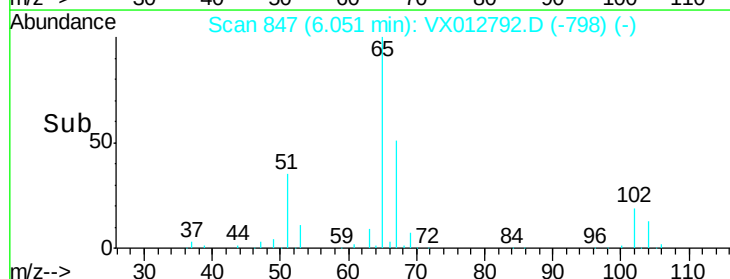
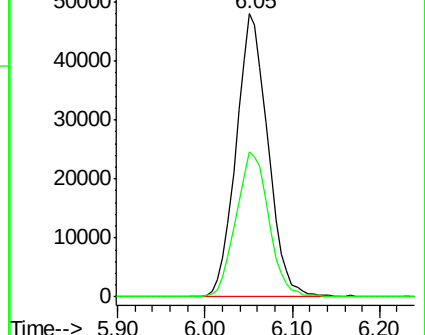
65 100

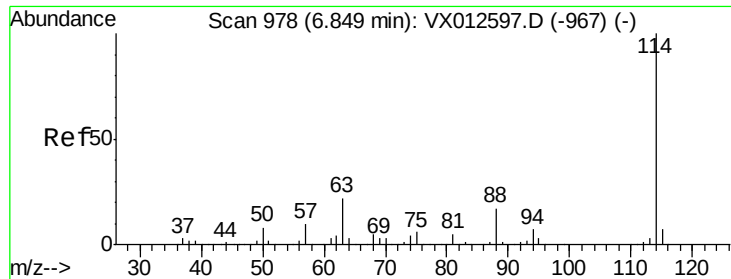
67 52.6 0.0 101.2



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

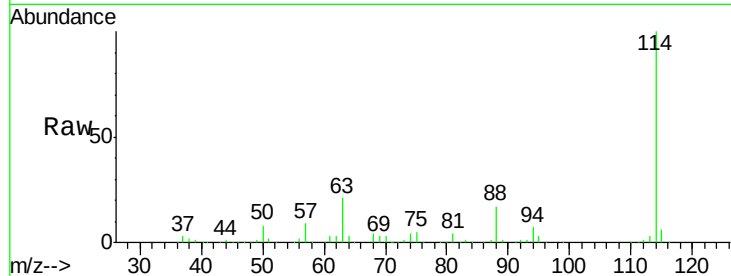




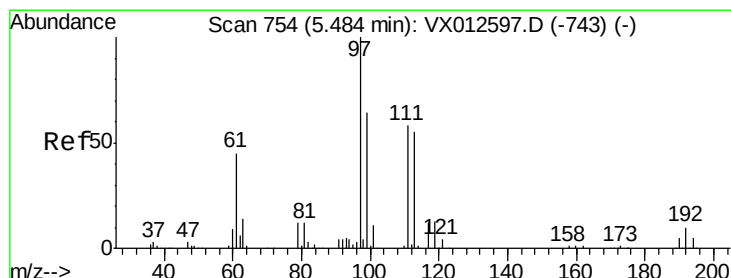
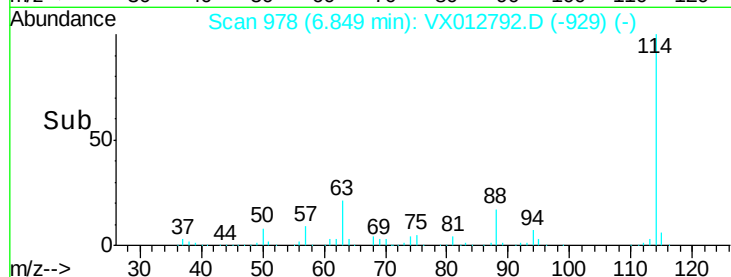
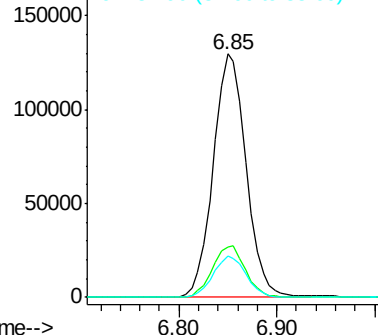
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012792.D
 Acq: 03 Oct 2019 18:33

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-MW127I-20190930

Tot Ion:114 Resp: 301545
 Ion Ratio Lower Upper
 114 100
 63 20.5 0.0 43.2
 88 16.7 0.0 33.2

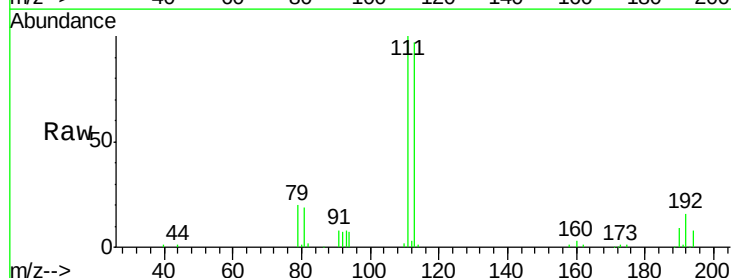


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

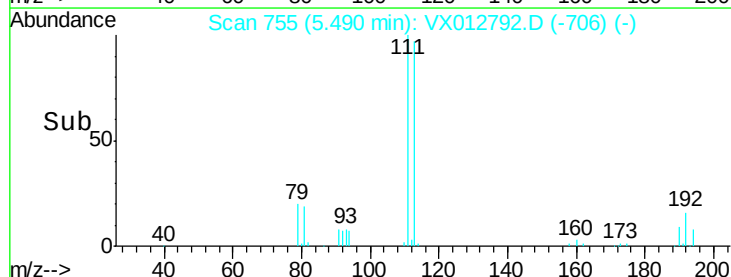
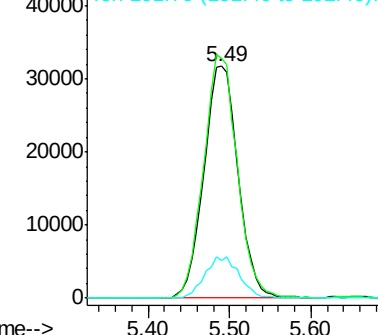


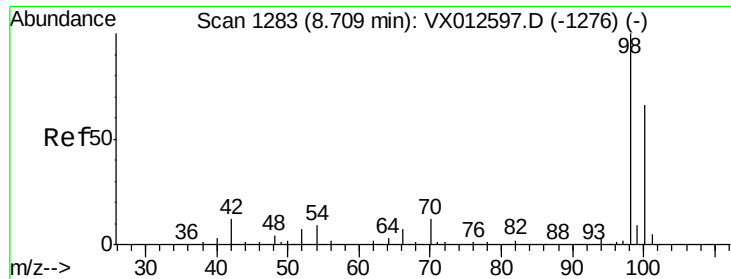
#35
 Dibromofluoromethane
 Concen: 51.323 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012792.D
 Acq: 03 Oct 2019 18:33

Tgt Ion:113 Resp: 92167
 Ion Ratio Lower Upper
 113 100
 111 103.1 83.4 125.2
 192 17.8 14.4 21.6



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





#50

Toluene-d8

Concen: 52.082 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012792.D

Acq: 03 Oct 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

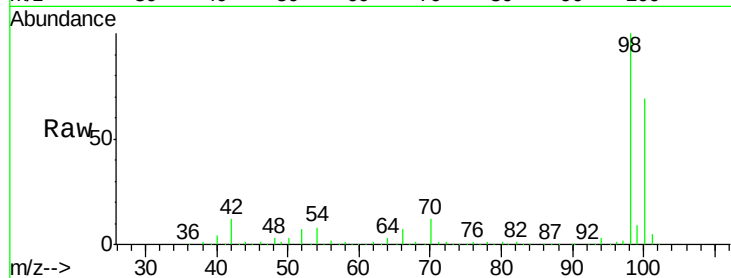
SA-MW127I-20190930

Tot Ion: 98 Resp: 360195

Ion Ratio Lower Upper

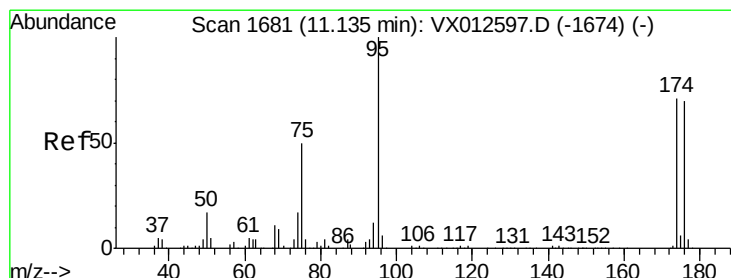
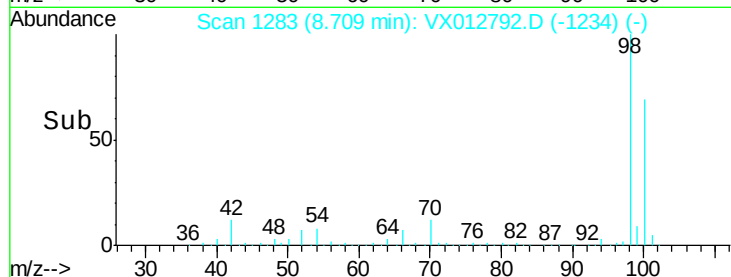
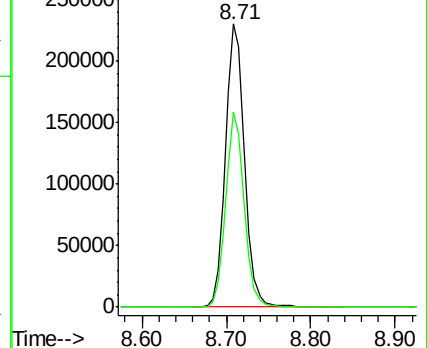
98 100

100 66.9 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX



#62

4-Bromofluorobenzene

Concen: 44.608 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012792.D

Acq: 03 Oct 2019 18:33

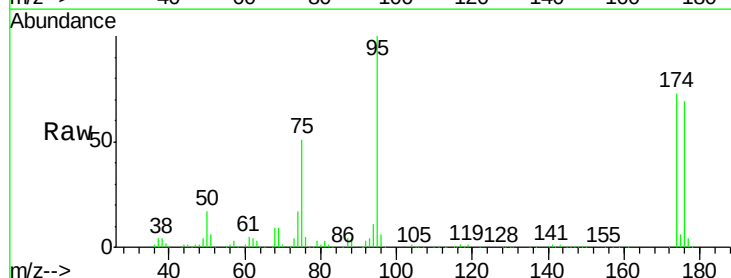
Tgt Ion: 95 Resp: 121303

Ion Ratio Lower Upper

95 100

174 70.3 0.0 140.0

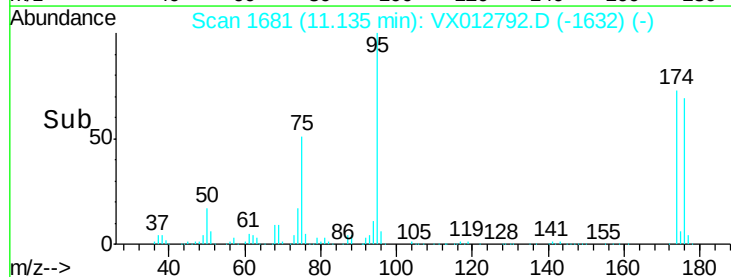
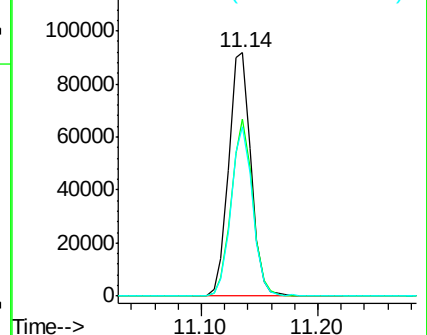
176 67.9 0.0 135.4

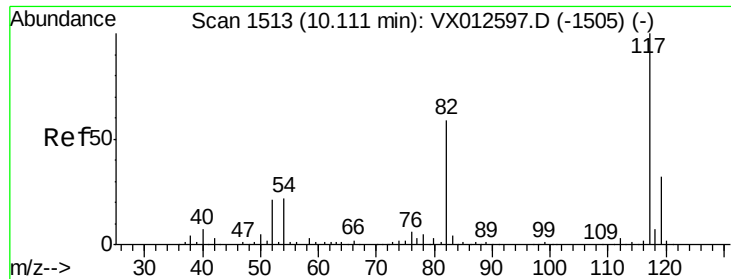


Abundance Ion 94.90 (94.60 to 95.60): VX0

Ion 173.80 (173.50 to 174.50): V

Ion 175.80 (175.50 to 176.50): V

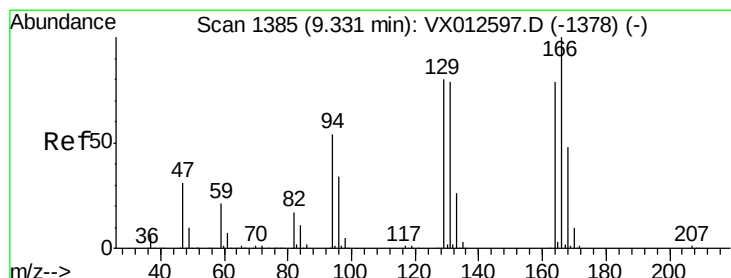
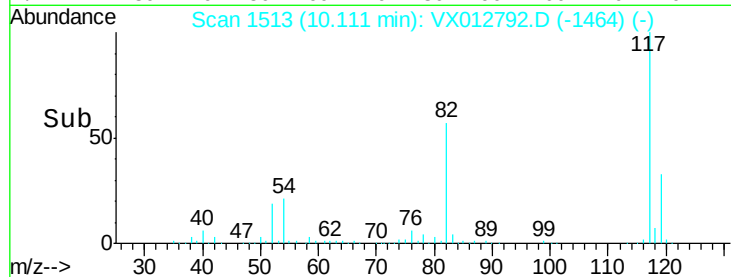
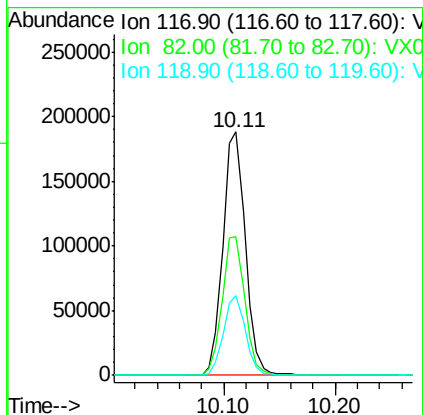
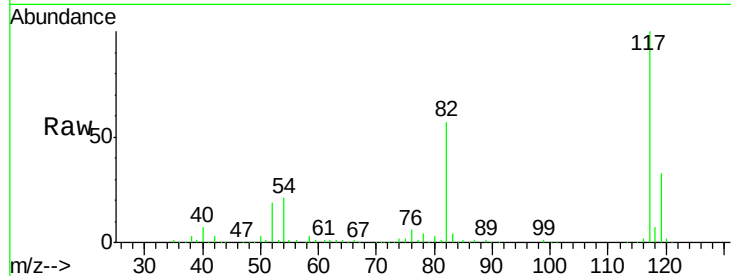




#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012792.D
Acq: 03 Oct 2019 18:33

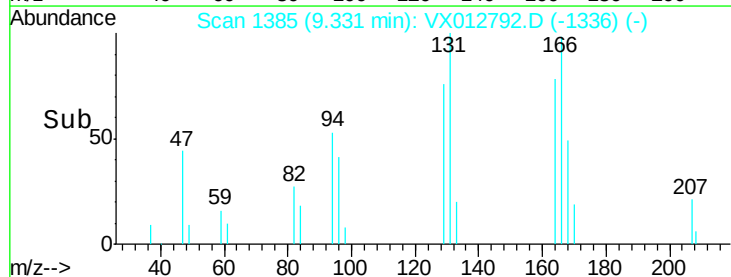
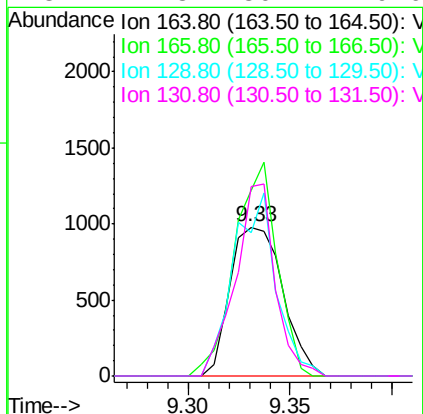
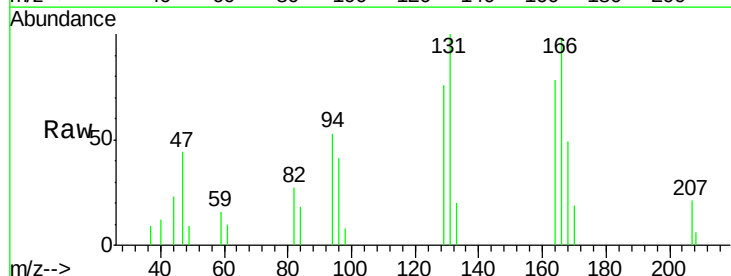
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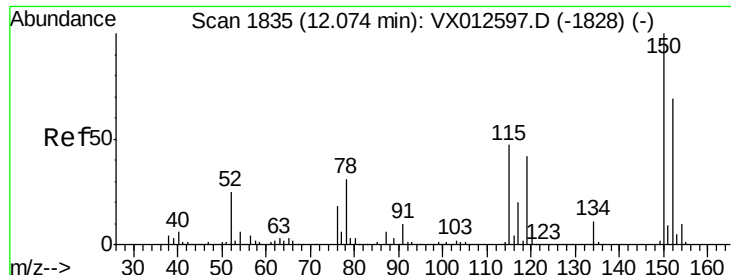
Tot Ion:117 Resp: 262827
Ion Ratio Lower Upper
117 100
82 57.0 45.9 68.9
119 32.7 25.3 37.9



#64
Tetrachloroethene
Concen: 0.958 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012792.D
Acq: 03 Oct 2019 18:33

Tgt Ion:164 Resp: 1756
Ion Ratio Lower Upper
164 100
166 125.2 107.8 161.6
129 96.7 86.2 129.2
131 127.8 80.4 120.6#





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012792.D

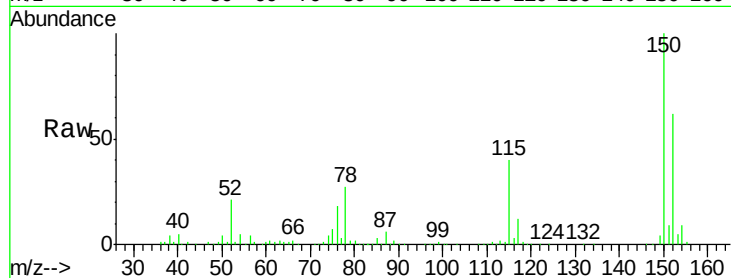
Acq: 03 Oct 2019 18:33

Instrument :

MSVOA_X

ClientSampleId :

SA-MW127I-20190930



Tot Ion:152 Resp: 99824

Ion Ratio Lower Upper

152 100

115 65.4 44.1 132.3

150 159.0 0.0 343.8

