

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100919\
 Data File : VX012967.D
 Acq On : 10 Oct 2019 01:50
 Operator : JC/SP
 Sample : K5260-10
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0012

Quant Time: Oct 10 07:34:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X100819W.M
 Quant Title : SW846 8260
 QLast Update : Wed Oct 09 01:51:23 2019
 Response via : Initial Calibration

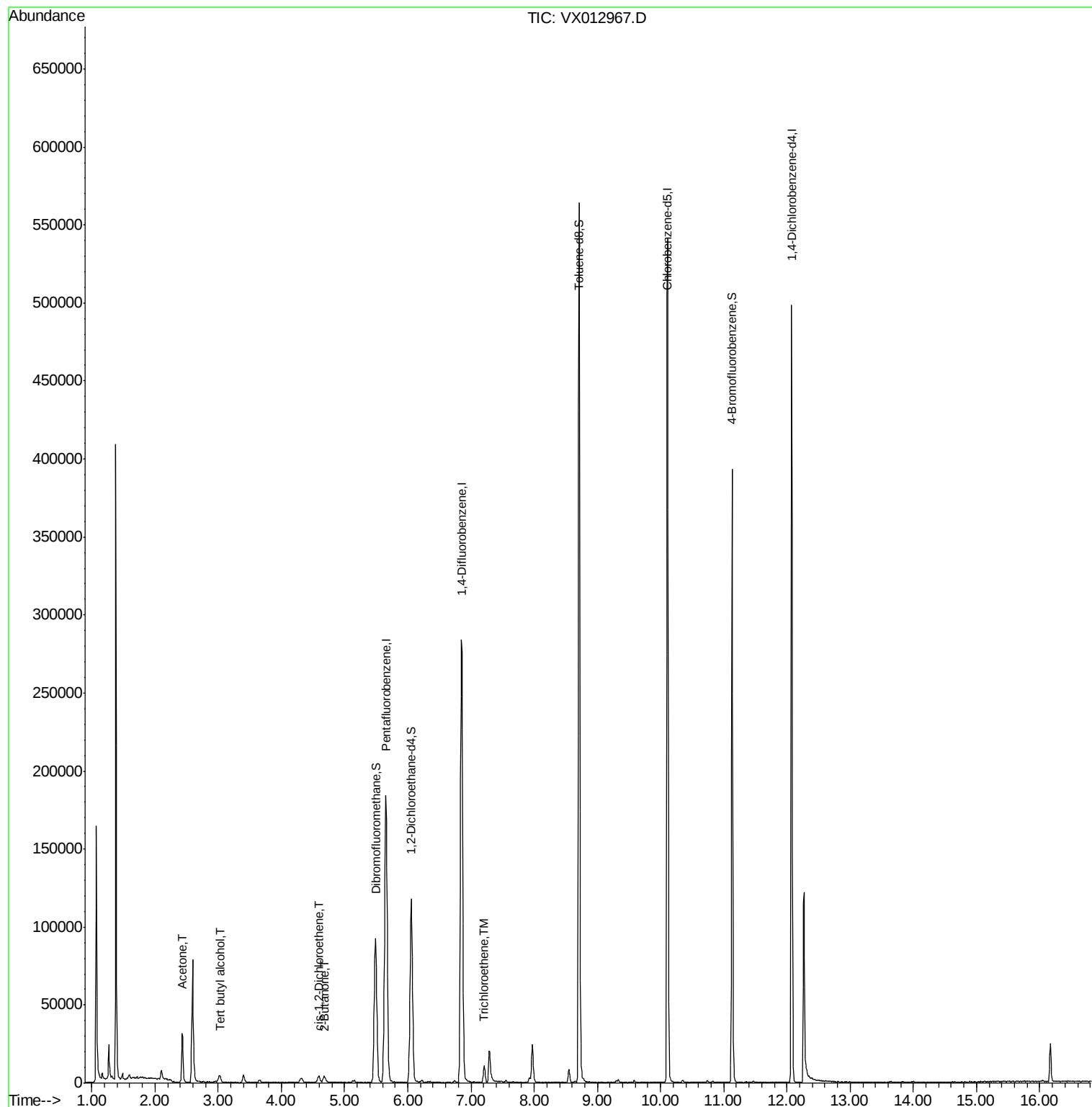
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171507	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	286380	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248578	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95524	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	113142	52.78	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.56%	
35) Dibromofluoromethane	5.49	113	81571	49.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.26%	
50) Toluene-d8	8.71	98	344096	53.68	ug/l	0.00
Spiked Amount 50.000			Recovery	=	107.36%	
62) 4-Bromofluorobenzene	11.13	95	114614	46.01	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.02%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	3.02	59	5438	9.570	ug/l #	91
16) Acetone	2.43	43	31456	27.840	ug/l	93
25) 2-Butanone	4.68	43	4192	2.674	ug/l	92
27) cis-1,2-Dichloroethene	4.59	96	2840	1.326	ug/l	91
44) Trichloroethene	7.20	130	4317	2.093	ug/l	91

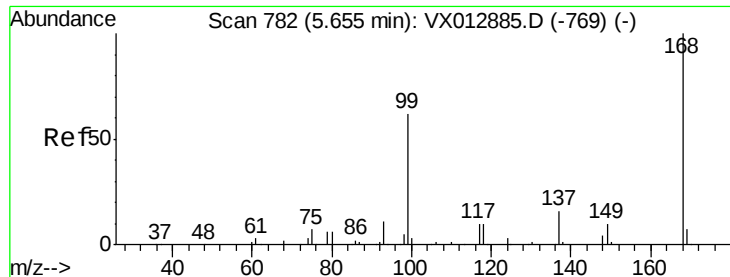
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Wed Oct 09 01:51:23 2019
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 782

Delta R.T. -0.00 min

Lab File: VX012967.D

Acq: 10 Oct 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

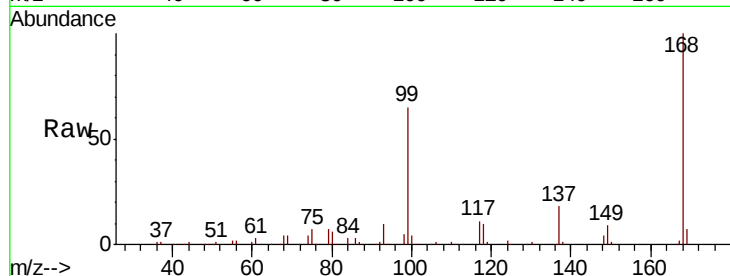
FA19-MMW0012

Tot Ion:168 Resp: 171507

Ion Ratio Lower Upper

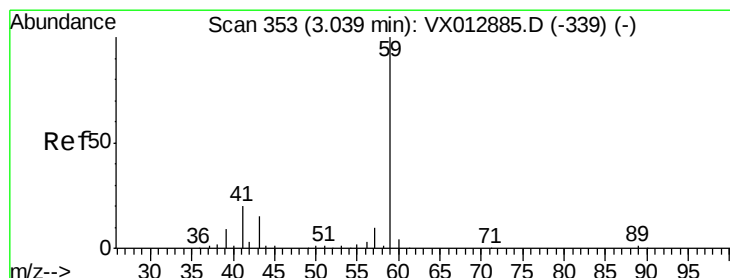
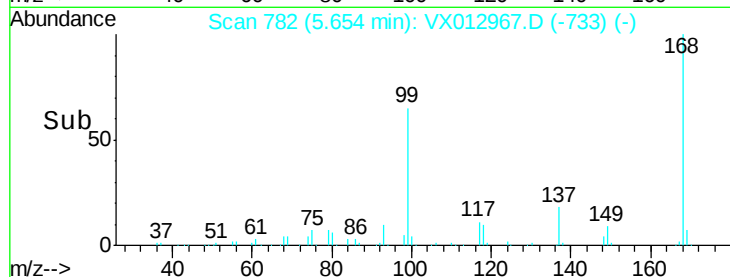
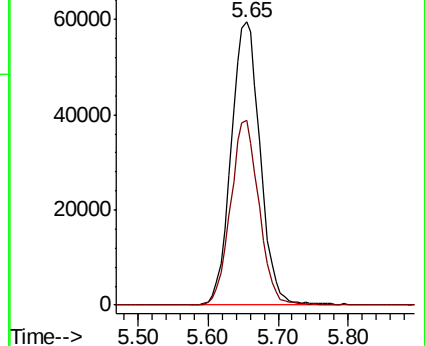
168 100

99 65.5 49.4 74.0



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#11

Tert butyl alcohol

Concen: 9.570 ug/l

RT: 3.02 min Scan# 350

Delta R.T. -0.02 min

Lab File: VX012967.D

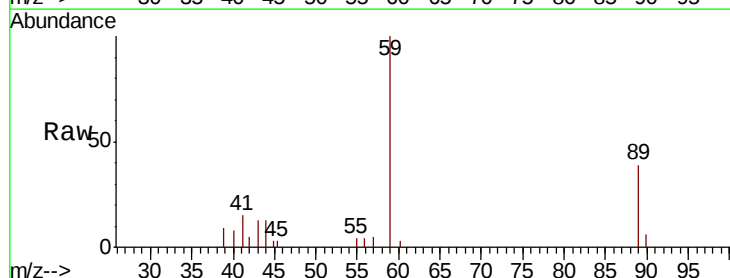
Acq: 10 Oct 2019 01:50

Tgt Ion: 59 Resp: 5438

Ion Ratio Lower Upper

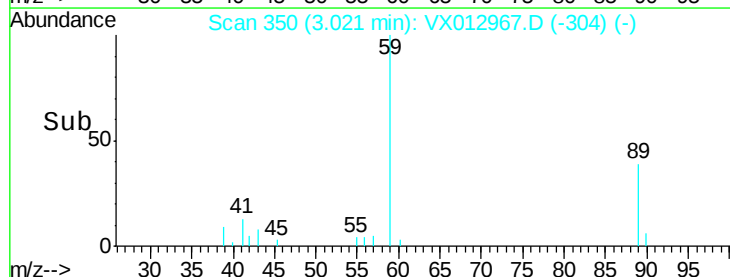
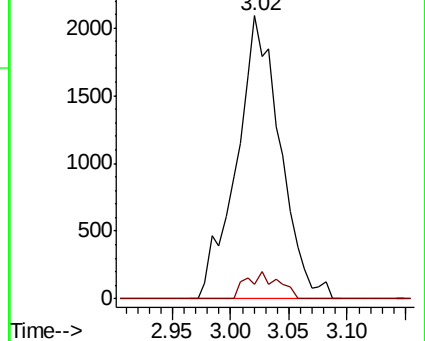
59 100

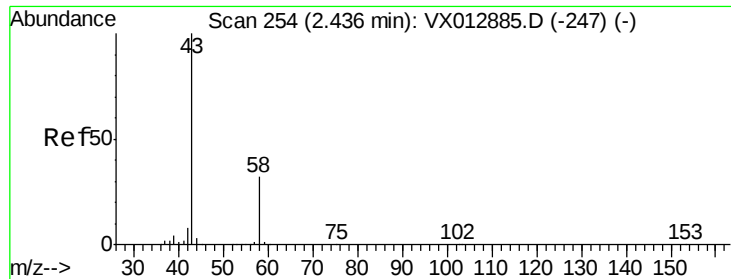
57 7.0 8.3 12.5#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0





#16

Acetone

Concen: 27.840 ug/l

RT: 2.43 min Scan# 253

Delta R.T. -0.01 min

Lab File: VX012967.D

Acq: 10 Oct 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

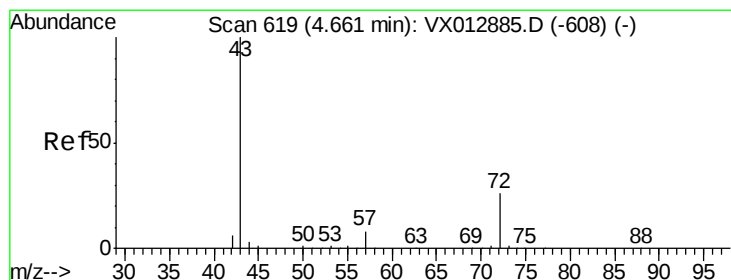
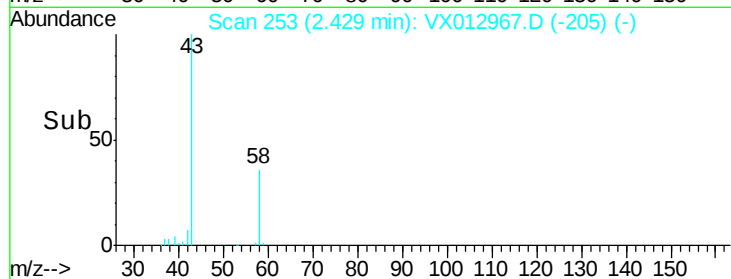
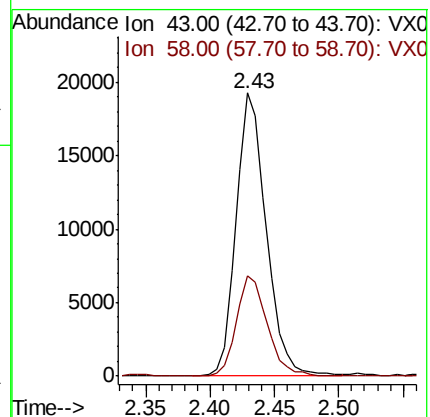
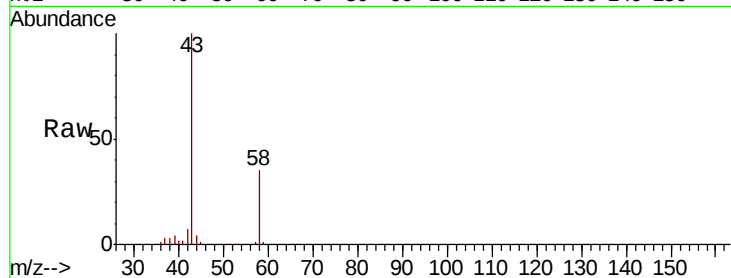
FA19-MMW0012

Tot Ion: 43 Resp: 31456

Ion Ratio Lower Upper

43 100

58 35.5 25.4 38.2



#25

2-Butanone

Concen: 2.674 ug/l

RT: 4.68 min Scan# 622

Delta R.T. 0.02 min

Lab File: VX012967.D

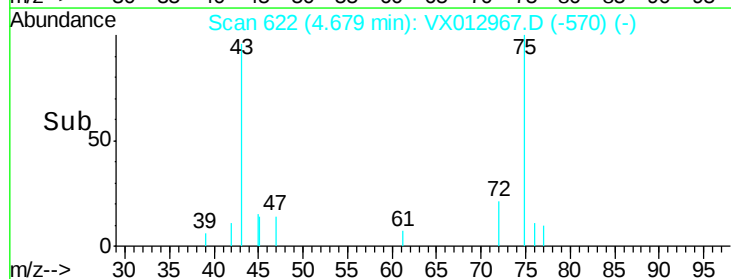
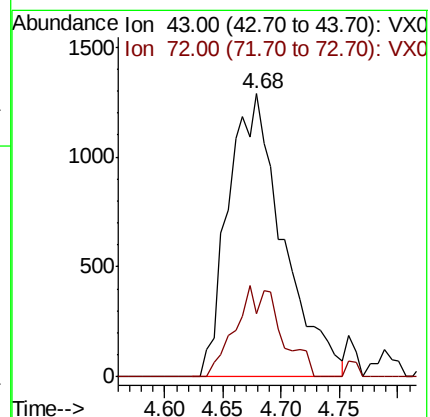
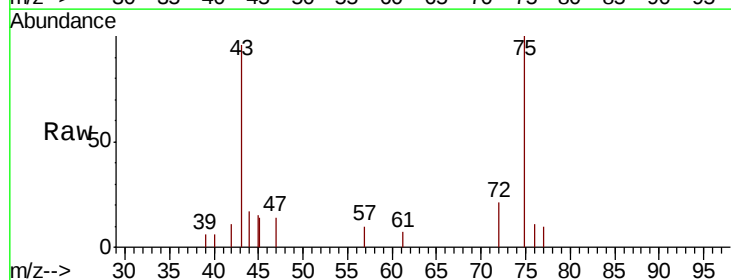
Acq: 10 Oct 2019 01:50

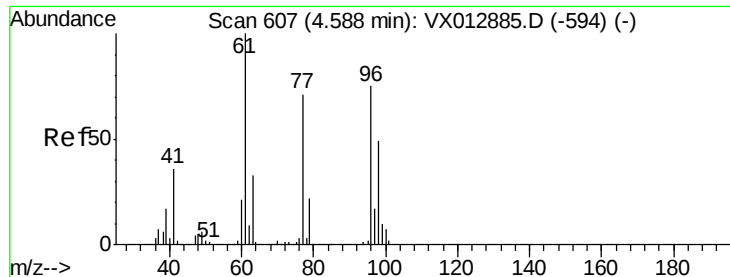
Tgt Ion: 43 Resp: 4192

Ion Ratio Lower Upper

43 100

72 22.1 21.0 31.6





#27

cis-1,2-Dichloroethene

Concen: 1.326 ug/l

RT: 4.59 min Scan# 608

Delta R.T. 0.01 min

Lab File: VX012967.D

Acq: 10 Oct 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0012

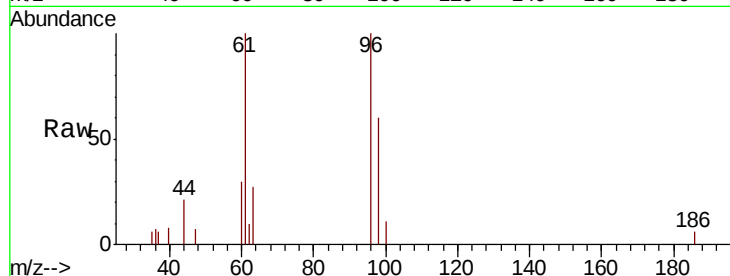
Tot Ion: 96 Resp: 2840

Ion Ratio Lower Upper

96 100

61 130.5 0.0 290.6

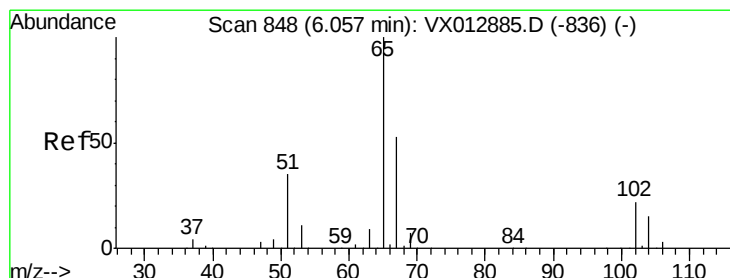
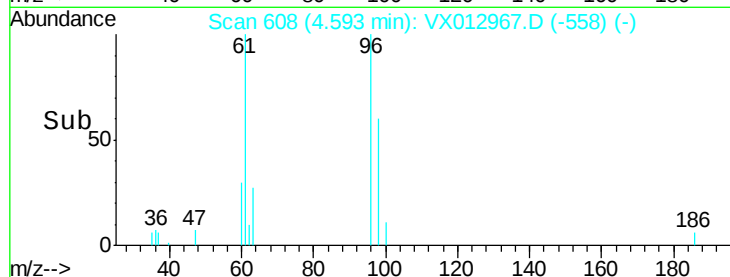
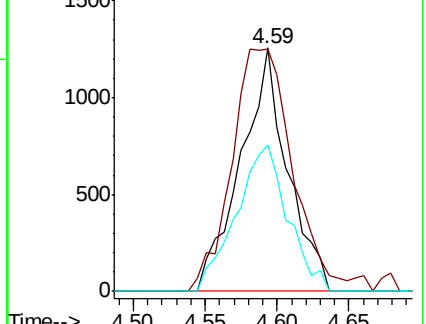
98 65.8 0.0 128.8



Abundance Ion 95.90 (95.60 to 96.60): VX0

Ion 60.90 (60.60 to 61.60): VX0

Ion 97.90 (97.60 to 98.60): VX0



#33

1,2-Dichloroethane-d4

Concen: 52.781 ug/l

RT: 6.06 min Scan# 848

Delta R.T. -0.00 min

Lab File: VX012967.D

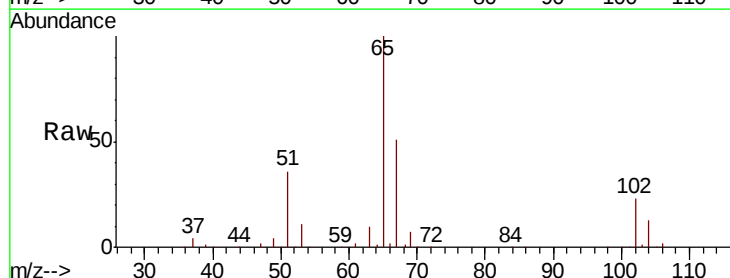
Acq: 10 Oct 2019 01:50

Tgt Ion: 65 Resp: 113142

Ion Ratio Lower Upper

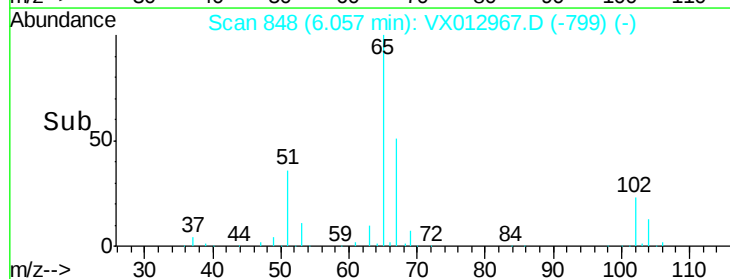
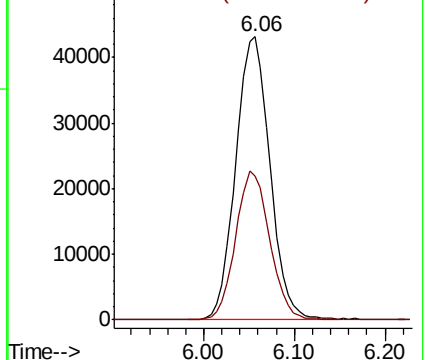
65 100

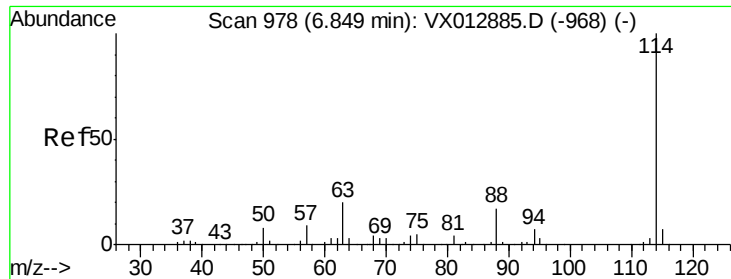
67 52.2 0.0 104.4



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

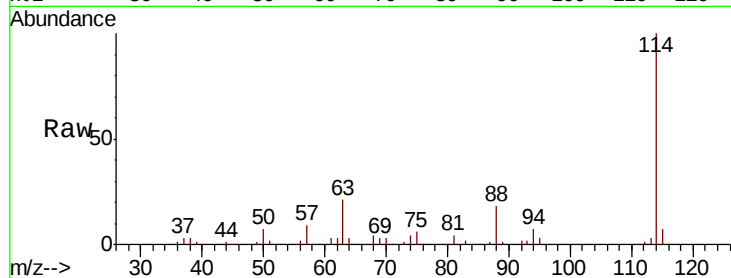




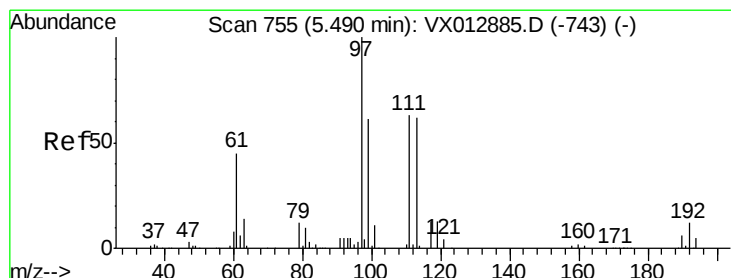
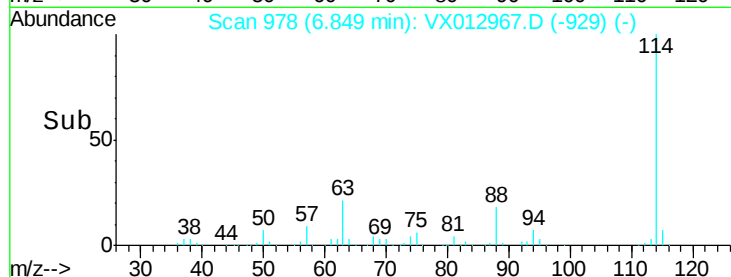
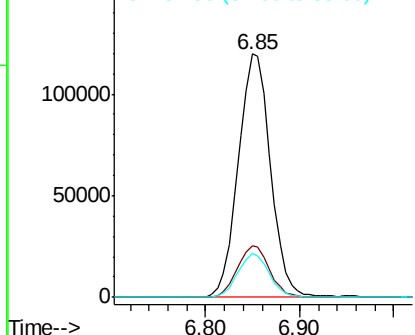
#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: VX012967.D
 Acq: 10 Oct 2019 01:50

Instrument :
 MSVOA_X
 ClientSampleId :
 FA19-MMW0012

Tot Ion:114 Resp: 286380
 Ion Ratio Lower Upper
 114 100
 63 21.1 0.0 40.8
 88 18.2 0.0 33.8

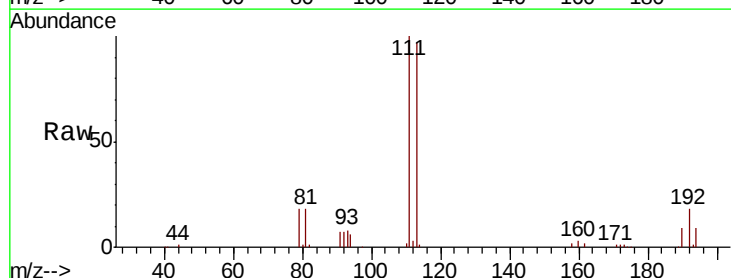


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

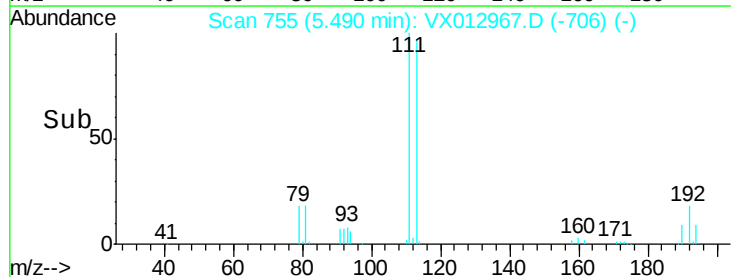
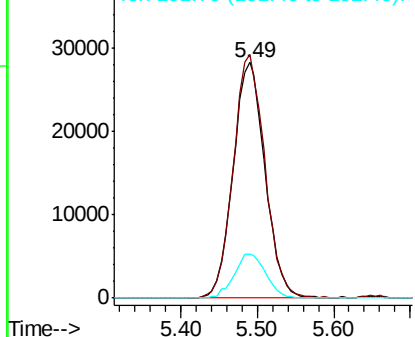


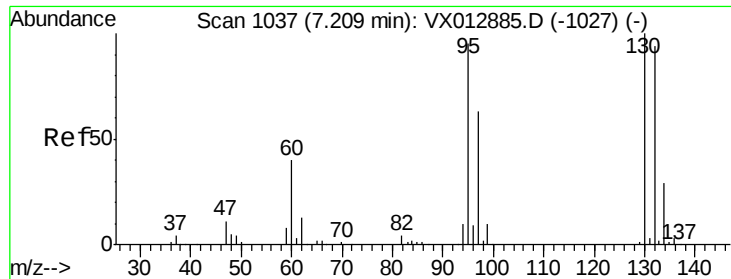
#35
 Dibromofluoromethane
 Concen: 49.627 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. -0.00 min
 Lab File: VX012967.D
 Acq: 10 Oct 2019 01:50

Tgt Ion:113 Resp: 81571
 Ion Ratio Lower Upper
 113 100
 111 102.1 83.2 124.8
 192 18.8 15.4 23.2



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

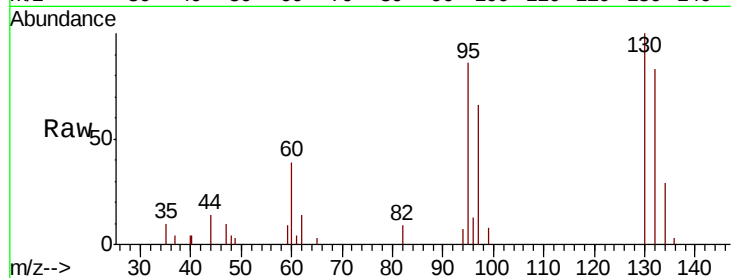




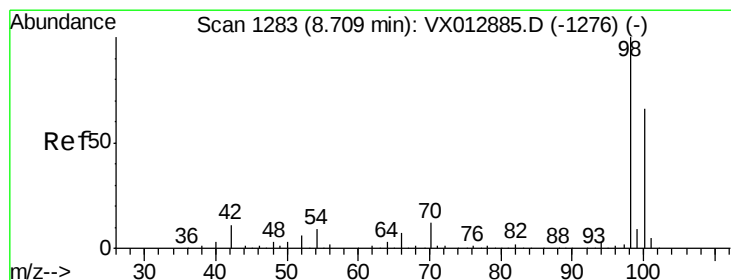
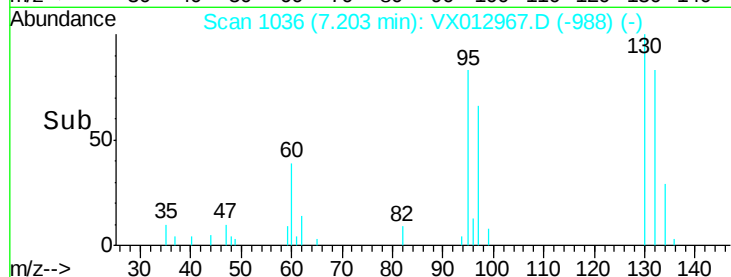
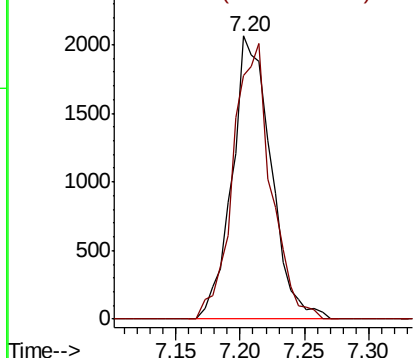
#44
 Trichloroethene
 Concen: 2.093 ug/l
 RT: 7.20 min Scan# 1036
 Delta R.T. -0.01 min
 Lab File: VX012967.D
 Acq: 10 Oct 2019 01:50

Instrument :
 MSVOA_X
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 FA19-MMW0012

Tot Ion:130 Resp: 4317
 Ion Ratio Lower Upper
 130 100
 95 86.1 0.0 189.2

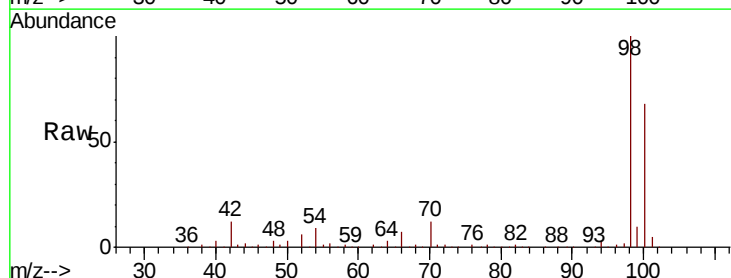


Abundance Ion 129.80 (129.50 to 130.50): V
 Ion 94.90 (94.60 to 95.60): VX0

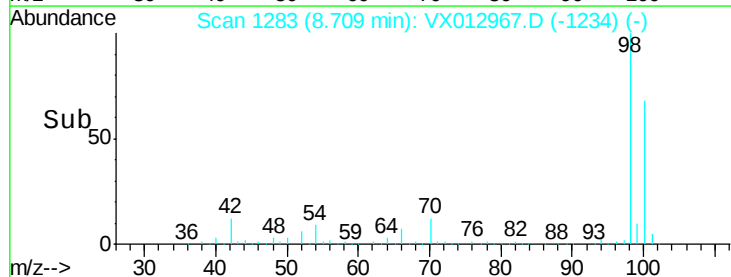
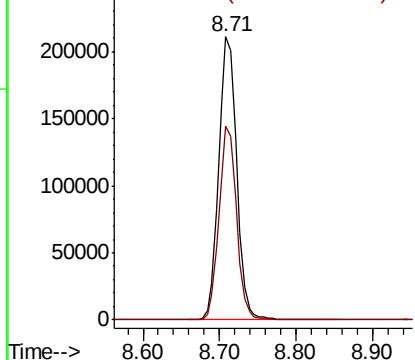


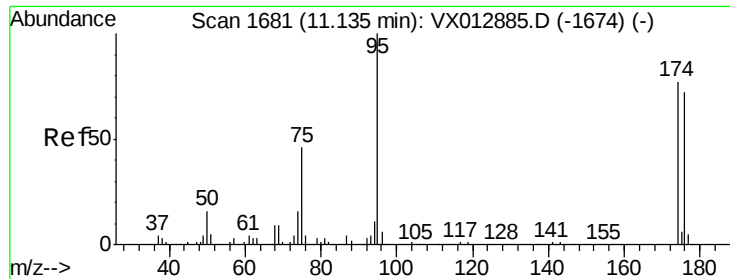
#50
 Toluene-d8
 Concen: 53.675 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. -0.00 min
 Lab File: VX012967.D
 Acq: 10 Oct 2019 01:50

Tgt Ion: 98 Resp: 344096
 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): V





#62

4-Bromofluorobenzene

Concen: 46.013 ug/l

RT: 11.13 min Scan# 1680

Delta R.T. -0.01 min

Lab File: VX012967.D

Acq: 10 Oct 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0012

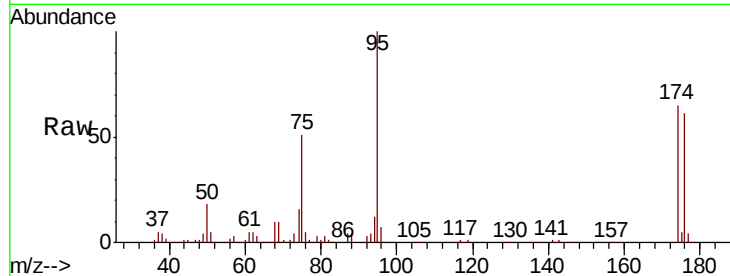
Tot Ion: 95 Resp: 114614

Ion Ratio Lower Upper

95 100

174 72.4 0.0 143.4

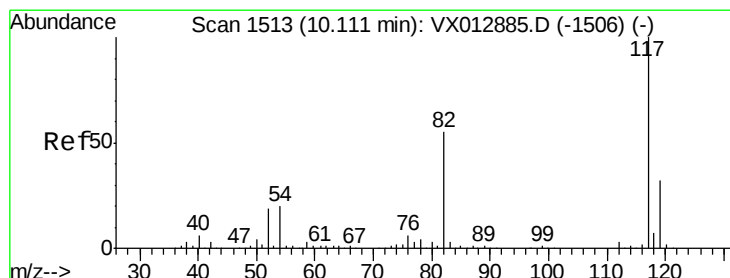
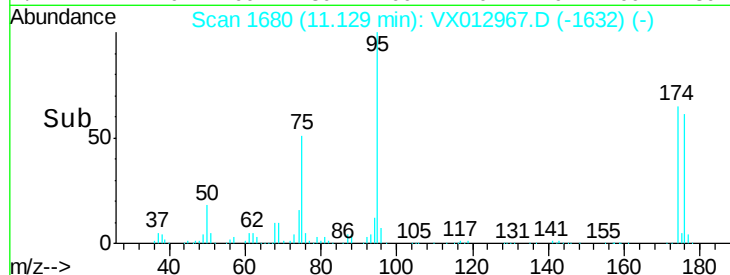
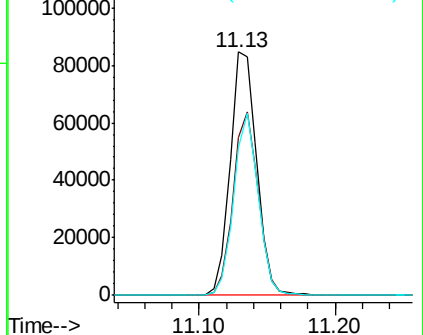
176 69.4 0.0 136.0



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: VX012967.D

Acq: 10 Oct 2019 01:50

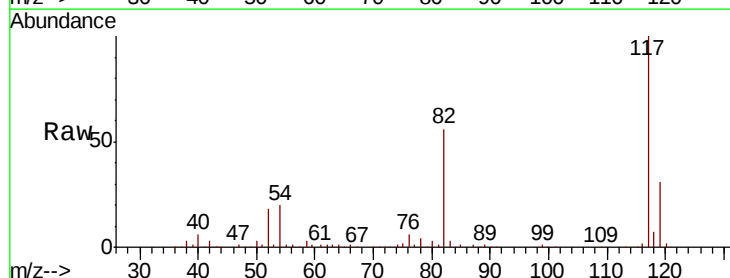
Tgt Ion: 117 Resp: 248578

Ion Ratio Lower Upper

117 100

82 56.1 44.1 66.1

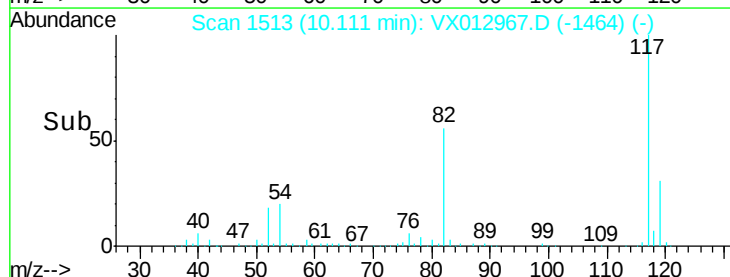
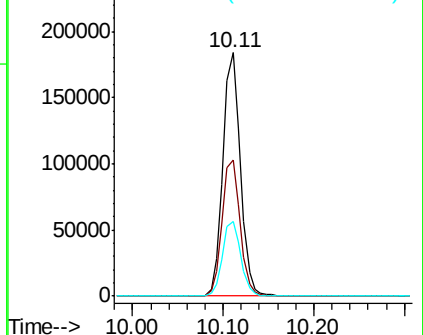
119 30.8 25.8 38.8

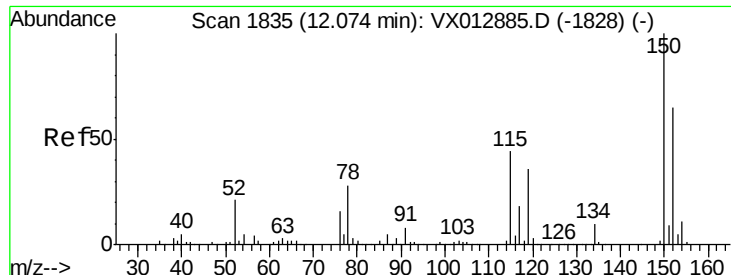


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. -0.00 min

Lab File: VX012967.D

Acq: 10 Oct 2019 01:50

Instrument :

MSVOA_X

ClientSampleId :

FA19-MMW0012

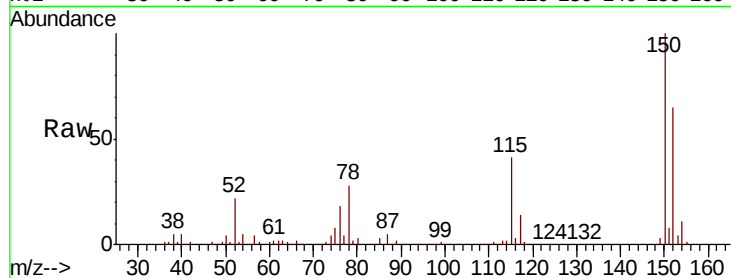
Tot Ion:152 Resp: 95524

Ion Ratio Lower Upper

152 100

115 64.0 44.5 133.5

150 158.4 0.0 353.4



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

