

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012788.D
 Acq On : 03 Oct 2019 17:00
 Operator : JC/SP
 Sample : K5189-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ13311-20190930

Quant Time: Oct 04 07:31:35 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

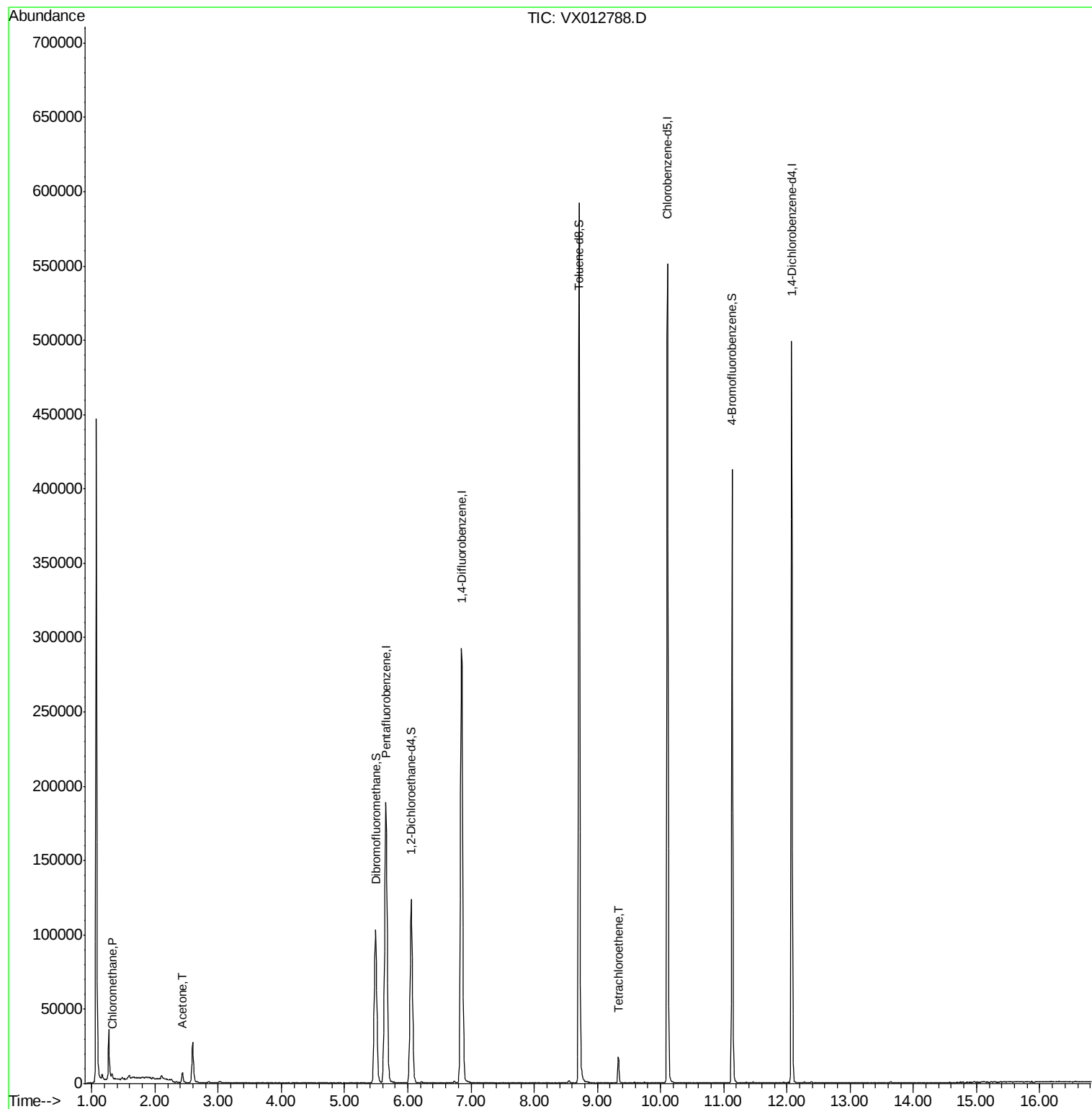
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	169226	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	293153	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	247476	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	95199	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117553	47.70	ug/l	0.00
Spiked Amount 50.000			Recovery	=	95.40%	
35) Dibromofluoromethane	5.49	113	88078	50.45	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.90%	
50) Toluene-d8	8.71	98	344963	51.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.62%	
62) 4-Bromofluorobenzene	11.14	95	115814	43.81	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.62%	
Target Compounds						
3) Chloromethane	1.32	50	1467	0.671	ug/l	96
16) Acetone	2.44	43	7209	5.523	ug/l	93
64) Tetrachloroethene	9.33	164	3275	1.898	ug/l #	87

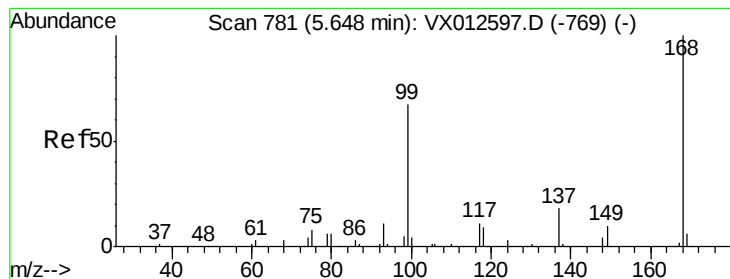
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX012788.D

Acq: 03 Oct 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

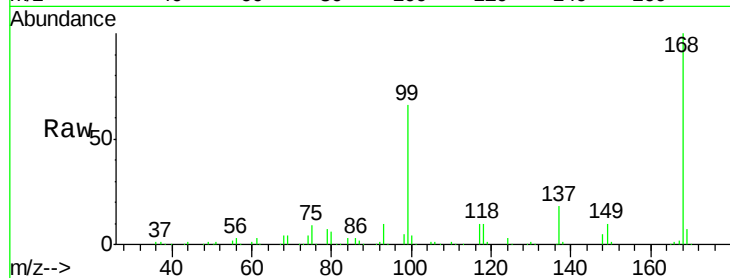
SA-PZ13311-20190930

Tot Ion:168 Resp: 169226

Ion Ratio Lower Upper

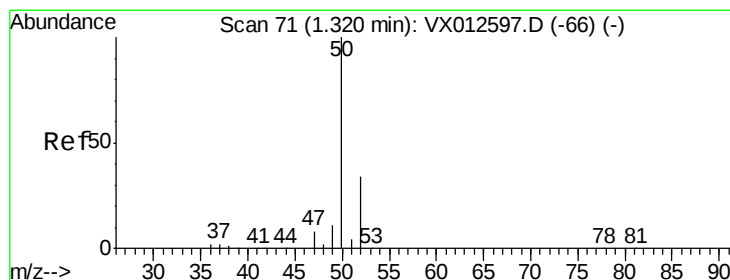
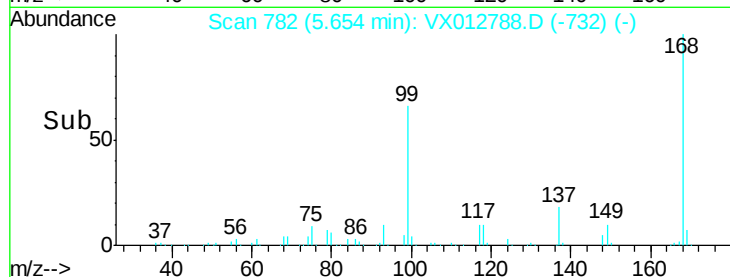
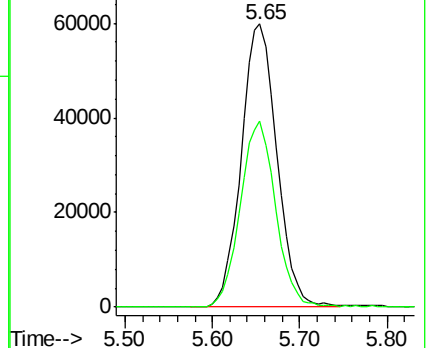
168 100

99 65.9 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: 0.671 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012788.D

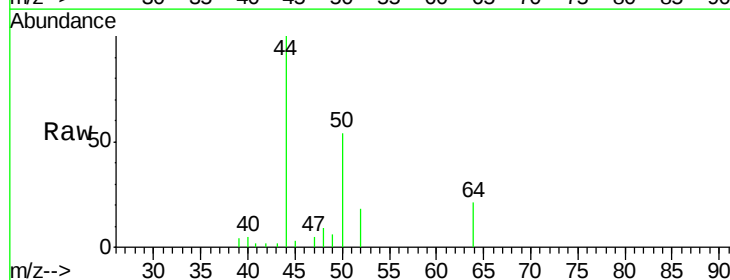
Acq: 03 Oct 2019 17:00

Tgt Ion: 50 Resp: 1467

Ion Ratio Lower Upper

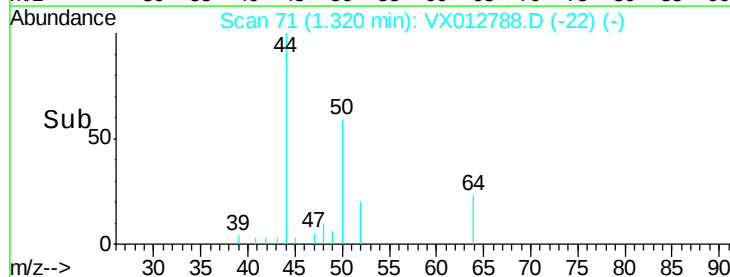
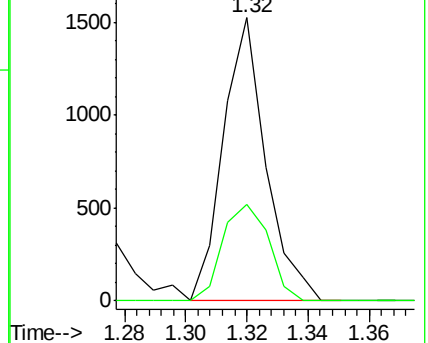
50 100

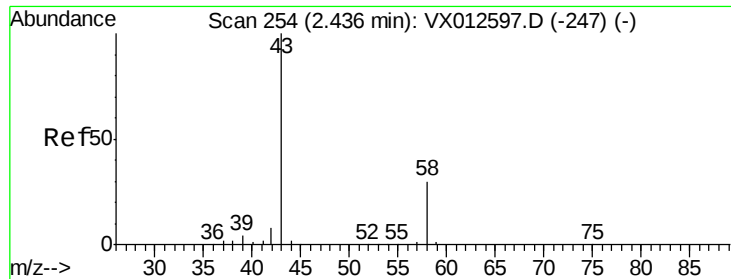
52 34.2 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 5.523 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012788.D

Acq: 03 Oct 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

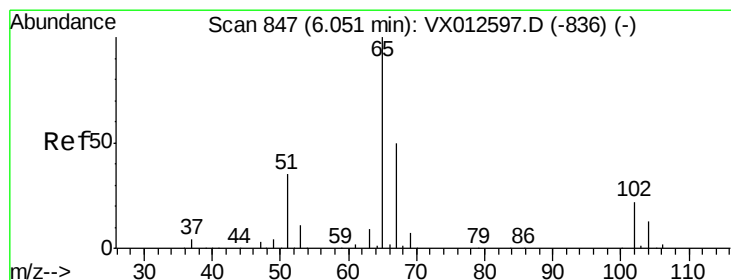
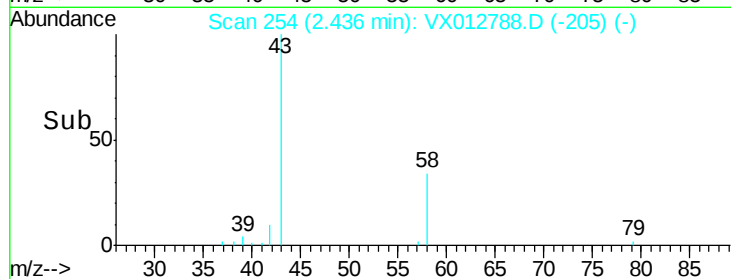
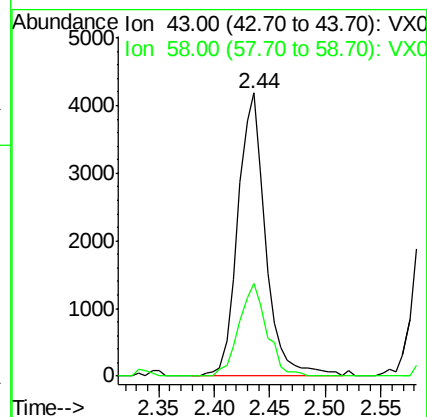
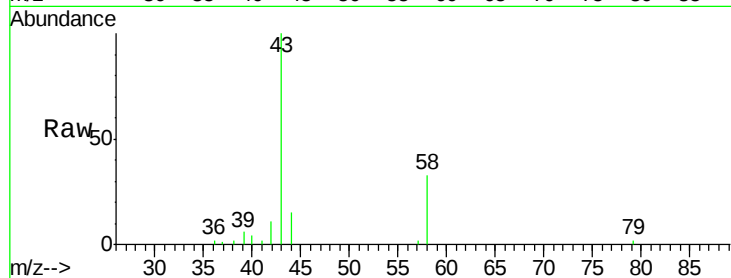
SA-PZ133I1-20190930

Tot Ion: 43 Resp: 7209

Ion Ratio Lower Upper

43 100

58 32.9 23.3 34.9



#33

1,2-Dichloroethane-d4

Concen: 47.703 ug/l

RT: 6.06 min Scan# 848

Delta R.T. 0.01 min

Lab File: VX012788.D

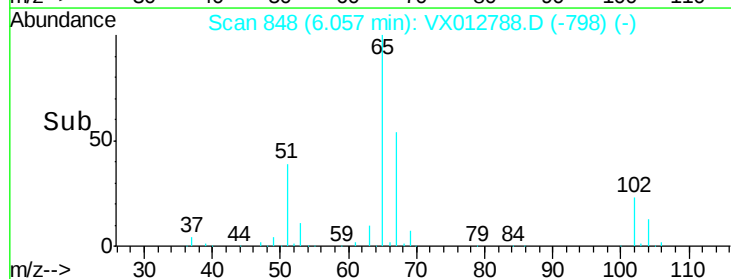
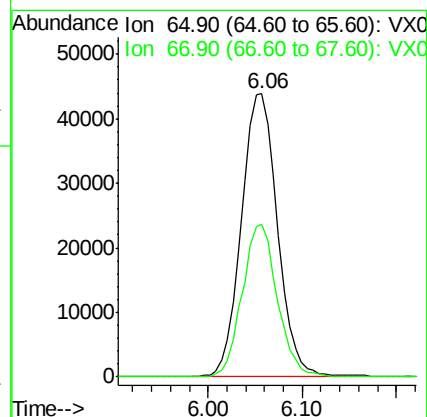
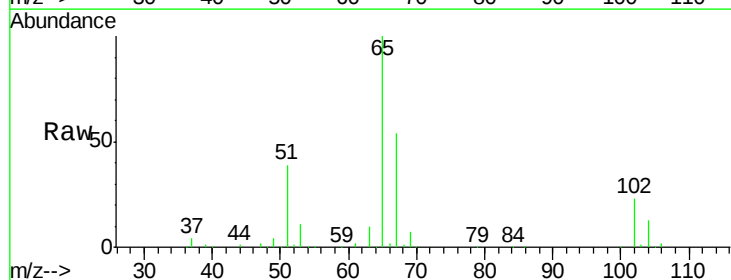
Acq: 03 Oct 2019 17:00

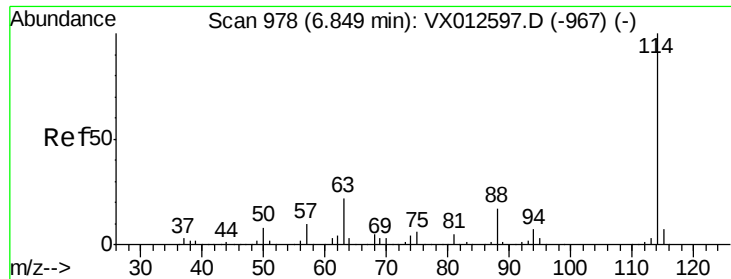
Tgt Ion: 65 Resp: 117553

Ion Ratio Lower Upper

65 100

67 52.4 0.0 101.2

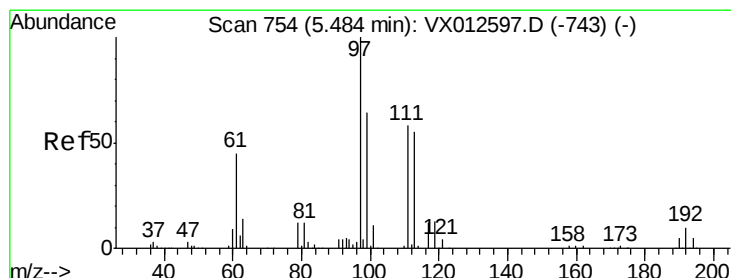
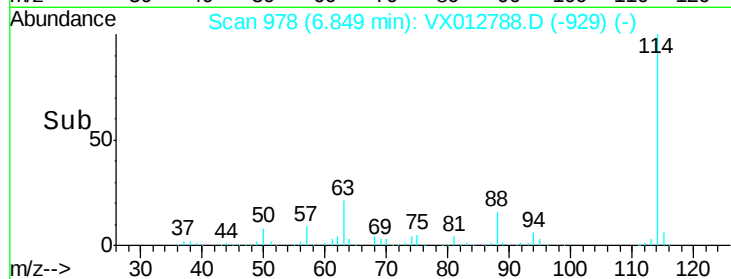
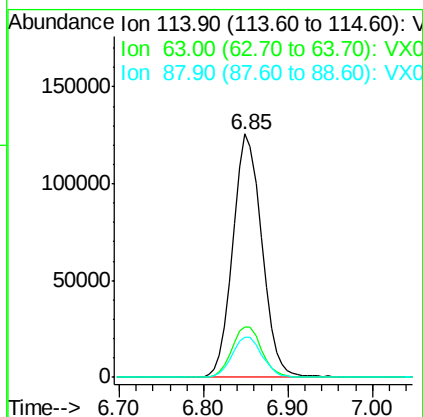
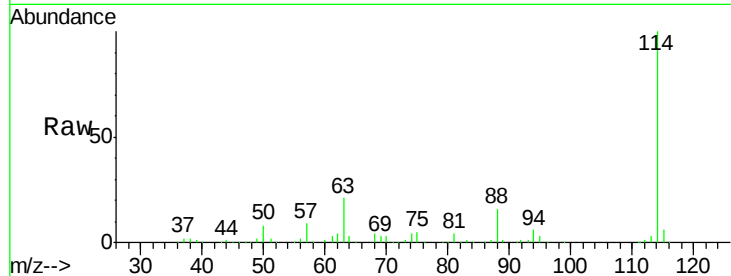




#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012788.D
 Acq: 03 Oct 2019 17:00

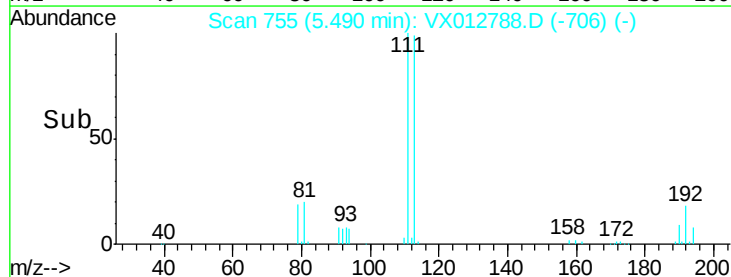
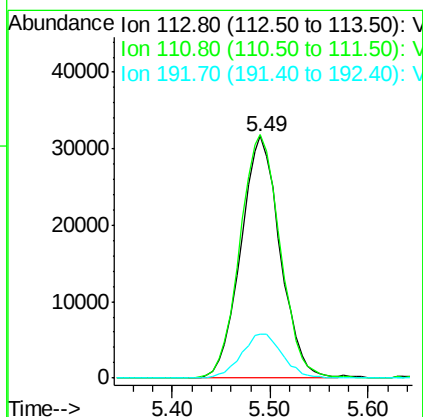
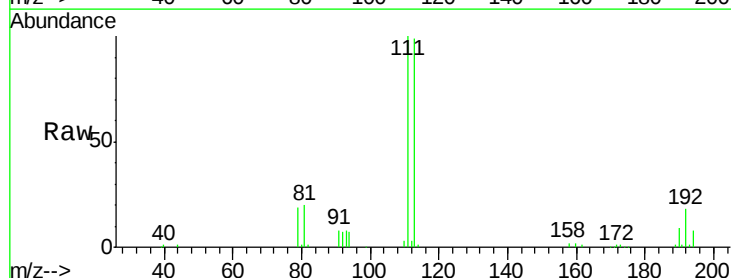
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ13311-20190930

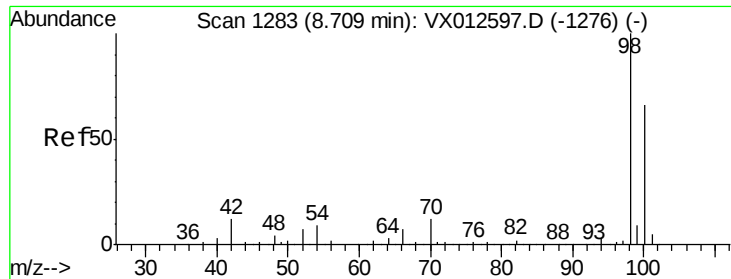
Tot Ion	Ratio	Lower	Upper
114	100		
63	20.9	0.0	43.2
88	16.4	0.0	33.2



#35
 Dibromofluoromethane
 Concen: 50.450 ug/l
 RT: 5.49 min Scan# 755
 Delta R.T. 0.00 min
 Lab File: VX012788.D
 Acq: 03 Oct 2019 17:00

Tgt Ion	Ratio	Lower	Upper
113	100		
111	103.5	83.4	125.2
192	19.0	14.4	21.6





#50

Toluene-d8

Concen: 51.308 ug/l

RT: 8.71 min Scan# 1283

Delta R.T. 0.00 min

Lab File: VX012788.D

Acq: 03 Oct 2019 17:00

Instrument :

MSVOA_X

ClientSampleId :

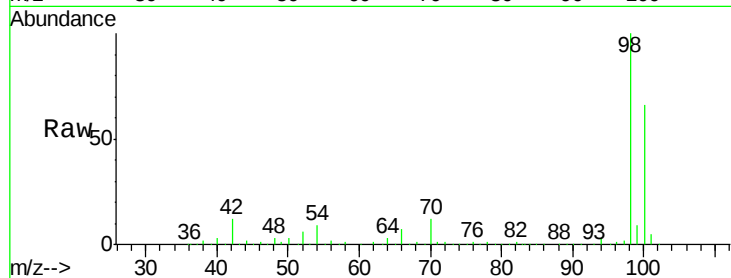
SA-PZ133I1-20190930

Tot Ion: 98 Resp: 344963

Ion Ratio Lower Upper

98 100

100 66.7 53.4 80.2



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

250000

200000

150000

100000

50000

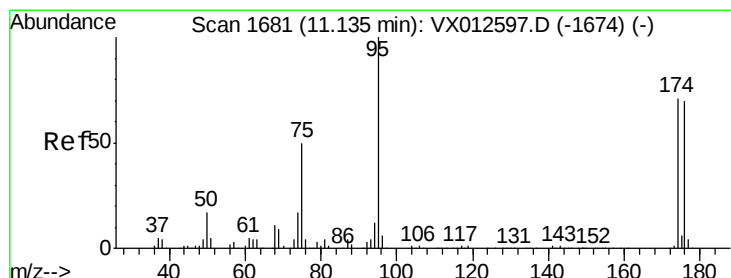
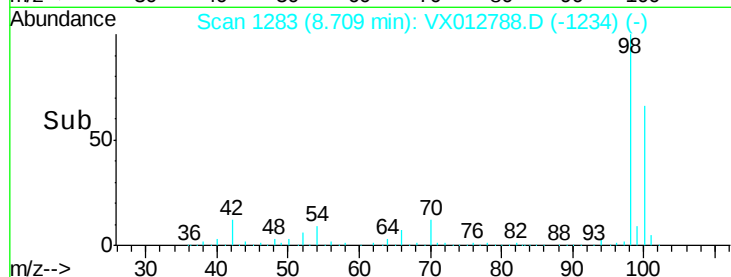
0

8.60

8.70

8.80

Time-->



#62

4-Bromofluorobenzene

Concen: 43.808 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012788.D

Acq: 03 Oct 2019 17:00

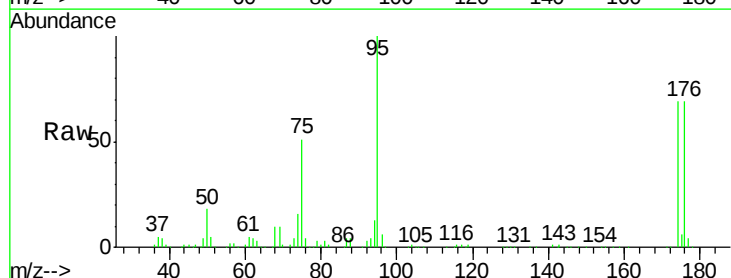
Tgt Ion: 95 Resp: 115814

Ion Ratio Lower Upper

95 100

174 69.3 0.0 140.0

176 67.4 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

120000

100000

80000

60000

40000

20000

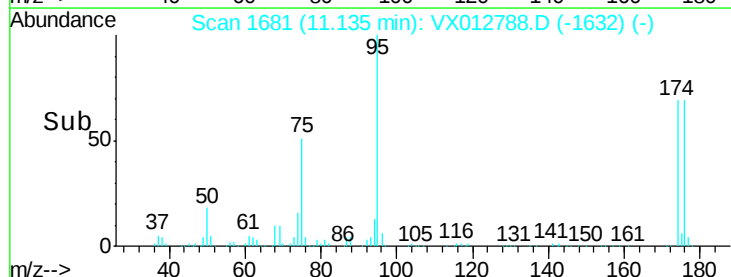
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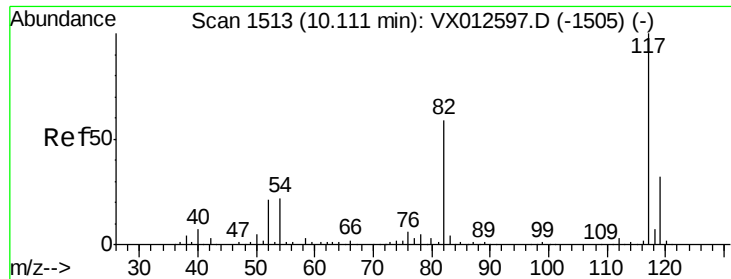
11.10

11.14

11.20

Time-->

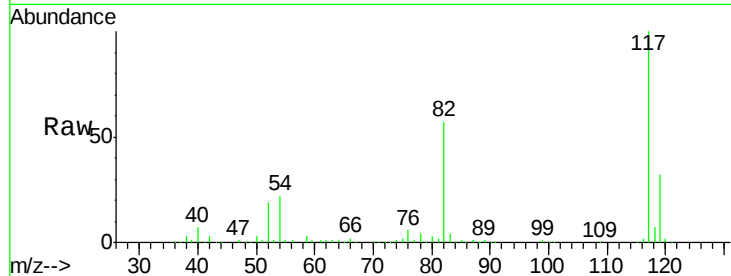




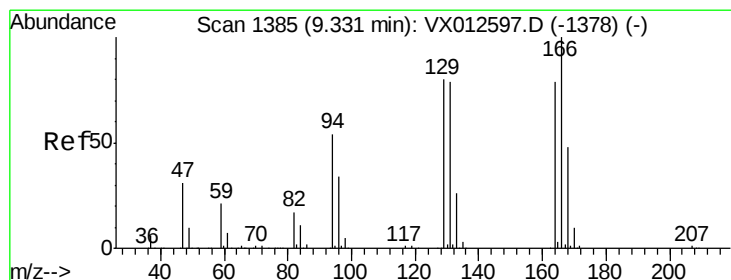
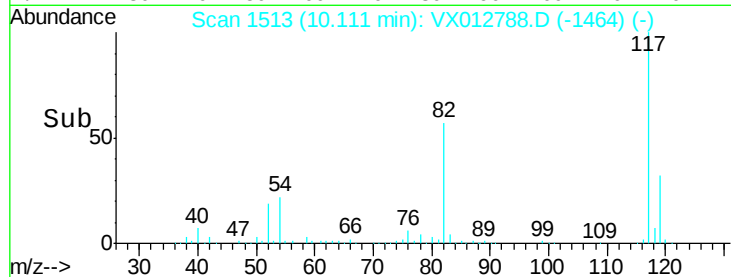
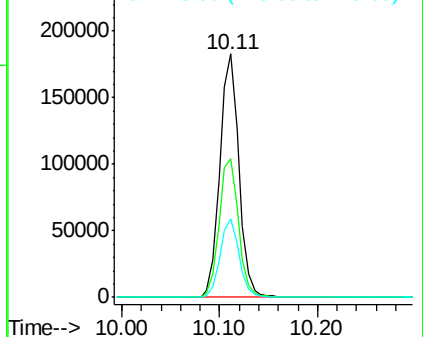
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 10.11 min Scan# 1513
Delta R.T. 0.00 min
Lab File: VX012788.D
Acq: 03 Oct 2019 17:00

Instrument :
MSVOA_X
ClientSampleId :
SA-PZ13311-20190930

Tot Ion:117 Resp: 247476
Ion Ratio Lower Upper
117 100
82 56.9 45.9 68.9
119 32.3 25.3 37.9

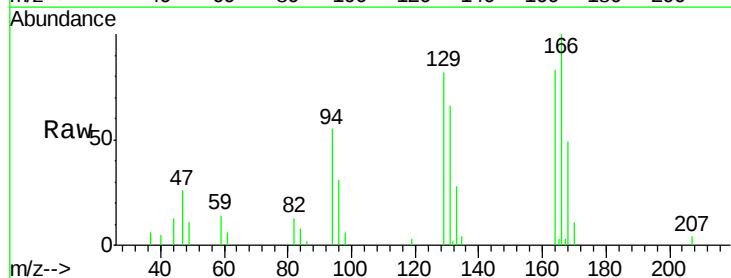


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): V
Ion 118.90 (118.60 to 119.60): V

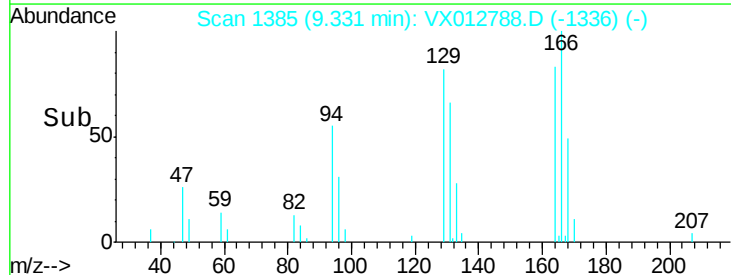
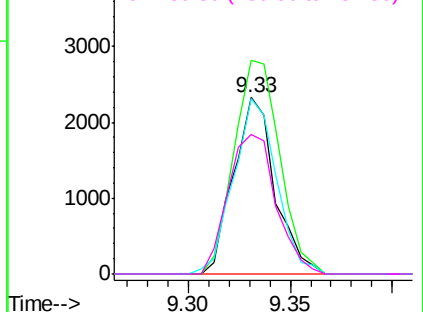


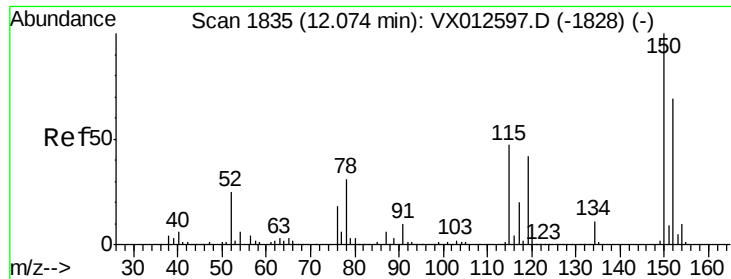
#64
Tetrachloroethene
Concen: 1.898 ug/l
RT: 9.33 min Scan# 1385
Delta R.T. 0.00 min
Lab File: VX012788.D
Acq: 03 Oct 2019 17:00

Tgt Ion:164 Resp: 3275
Ion Ratio Lower Upper
164 100
166 121.0 107.8 161.6
129 99.4 86.2 129.2
131 79.4 80.4 120.6#



Abundance Ion 163.80 (163.50 to 164.50): V
Ion 165.80 (165.50 to 166.50): V
Ion 128.80 (128.50 to 129.50): V
Ion 130.80 (130.50 to 131.50): V

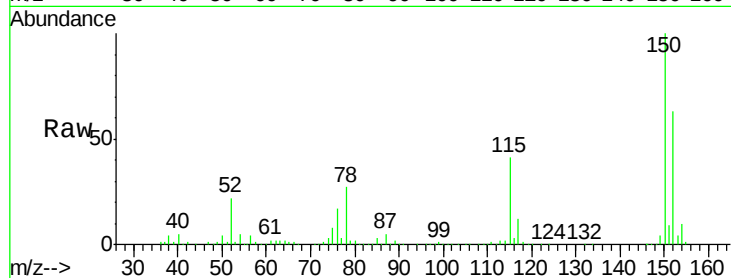




#72
 1,4-Dichlorobenzene-d4
 Concen: 50.000 ug/l
 RT: 12.07 min Scan# 1835
 Delta R.T. 0.00 min
 Lab File: VX012788.D
 Acq: 03 Oct 2019 17:00

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ13311-20190930

Tot Ion	Ratio	Lower	Upper
152	100		
115	64.1	44.1	132.3
150	156.3	0.0	343.8



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

