

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX100319\
 Data File : VX012786.D
 Acq On : 03 Oct 2019 16:13
 Operator : JC/SP
 Sample : K5189-02
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ135I-20190930

Quant Time: Oct 04 07:23:52 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

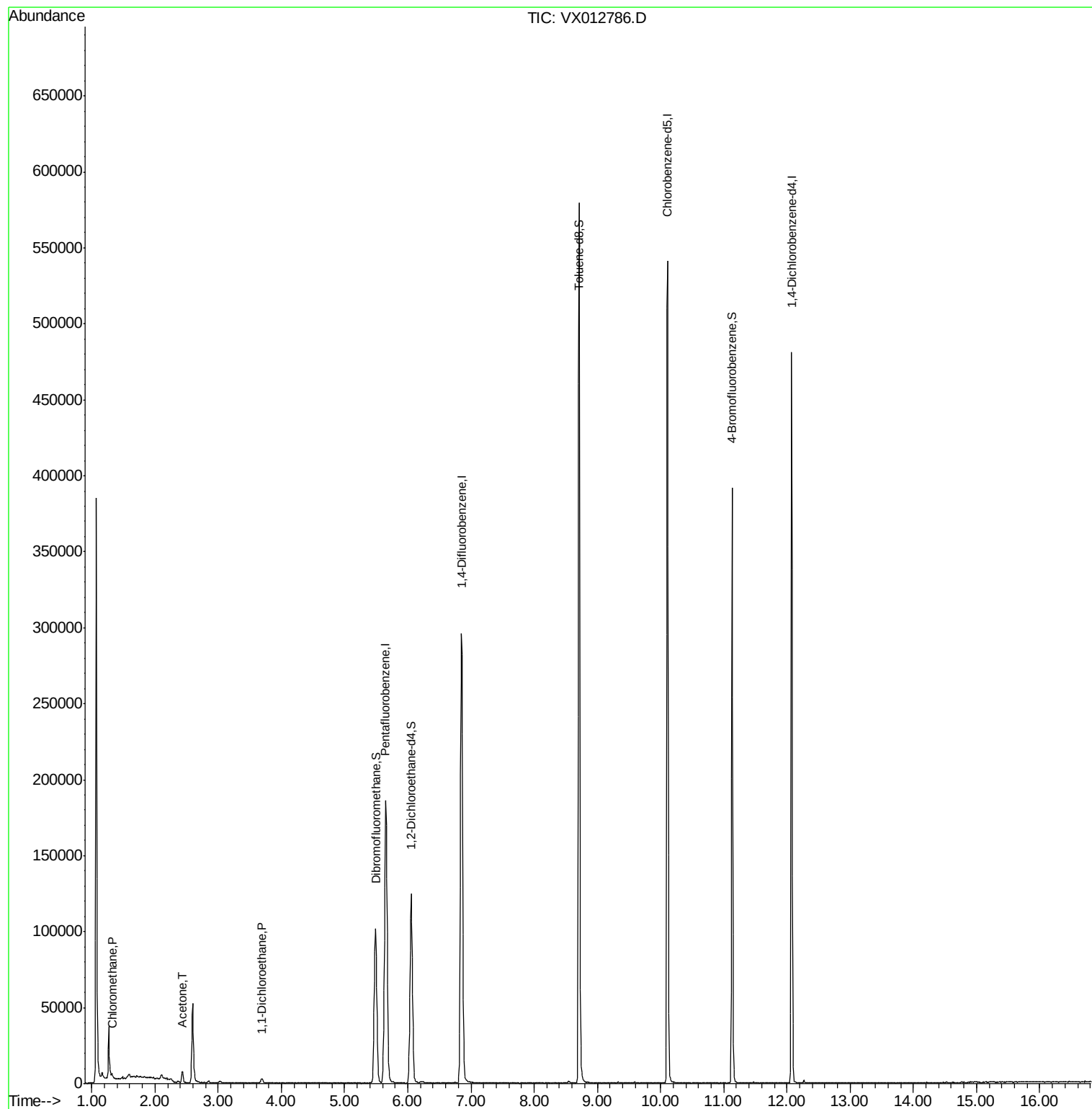
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.65	168	171123	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.85	114	294806	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	248120	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.07	152	92376	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.05	65	118066	47.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.76%	
35) Dibromofluoromethane	5.48	113	89839	51.17	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.34%	
50) Toluene-d8	8.71	98	346374	51.23	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.46%	
62) 4-Bromofluorobenzene	11.14	95	113557	42.71	ug/l	0.00
Spiked Amount 50.000			Recovery	=	85.42%	
Target Compounds						
3) Chloromethane	1.32	50	1383	0.626	ug/l #	84
16) Acetone	2.44	43	8507	6.445	ug/l	91
24) 1,1-Dichloroethane	3.69	63	3712	0.968	ug/l #	84

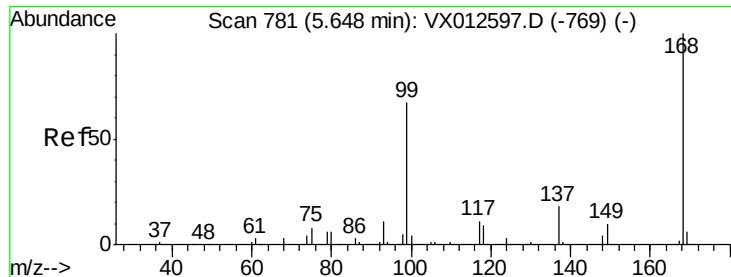
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
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Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 5.65 min Scan# 781

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

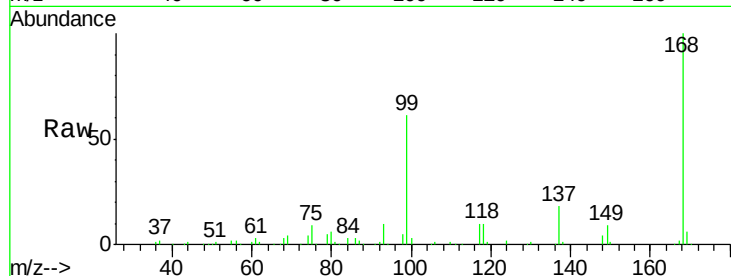
SA-PZ135I-20190930

Tot Ion:168 Resp: 171123

Ion Ratio Lower Upper

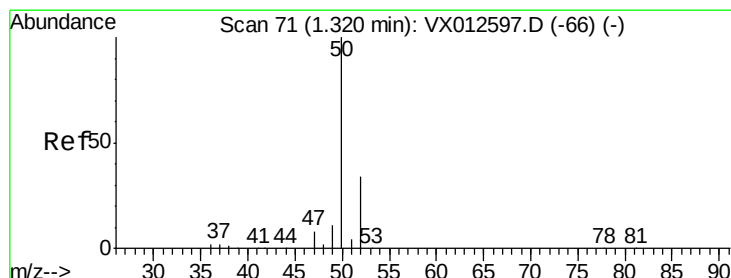
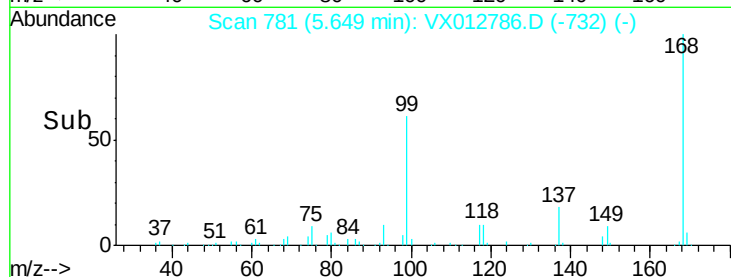
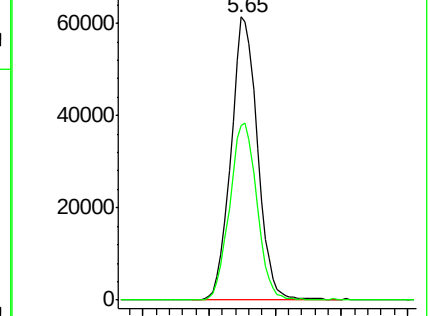
168 100

99 61.5 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: 0.626 ug/l

RT: 1.32 min Scan# 71

Delta R.T. 0.00 min

Lab File: VX012786.D

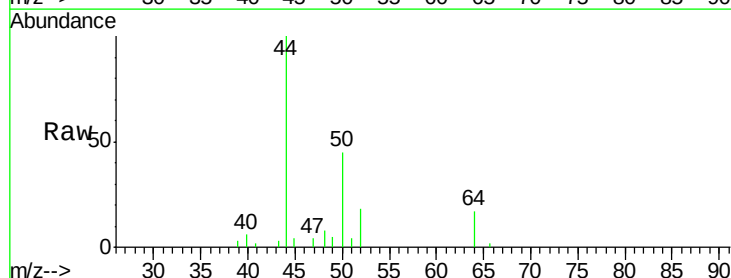
Acq: 03 Oct 2019 16:13

Tgt Ion: 50 Resp: 1383

Ion Ratio Lower Upper

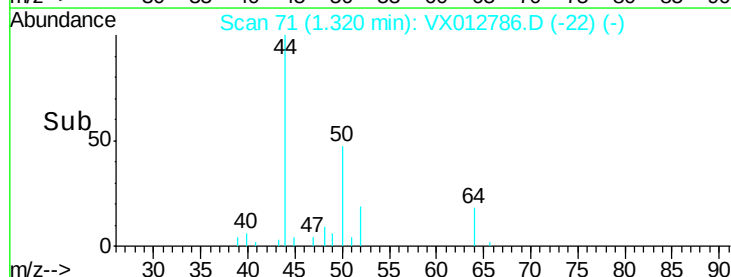
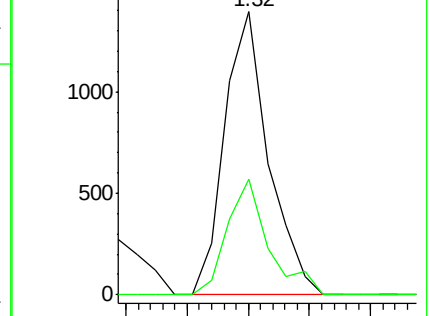
50 100

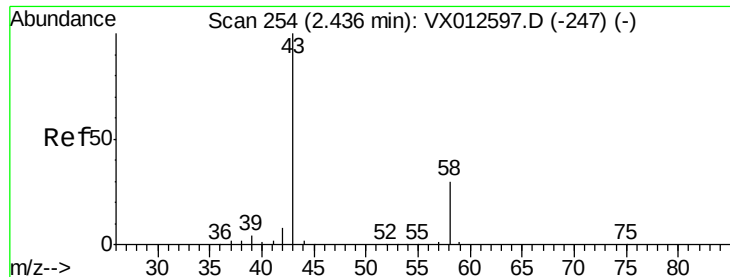
52 41.1 25.7 38.5#



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0





#16

Acetone

Concen: 6.445 ug/l

RT: 2.44 min Scan# 254

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

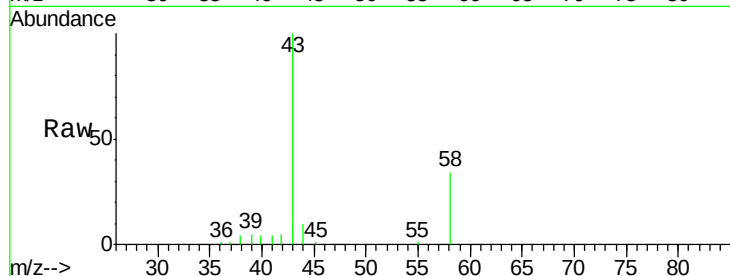
SA-PZ135I-20190930

Tot Ion: 43 Resp: 8507

Ion Ratio Lower Upper

43 100

58 33.7 23.3 34.9



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

4000

3000

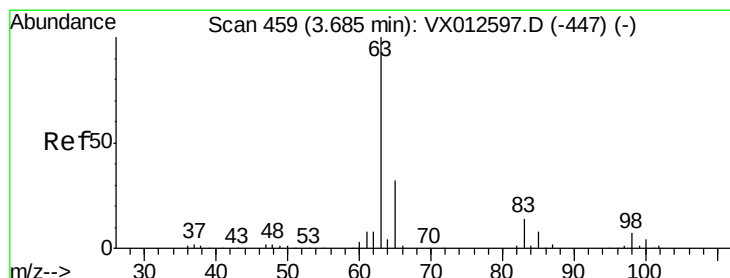
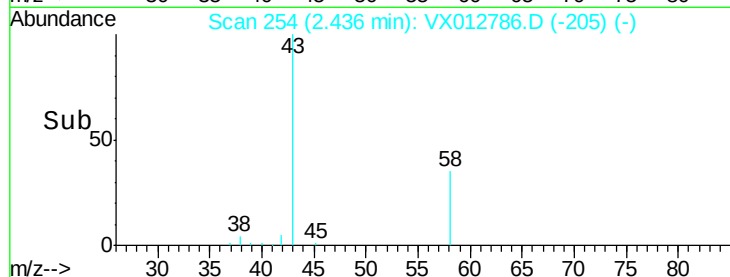
2000

1000

0

2.35 2.40 2.45 2.50

Time-->



#24

1,1-Dichloroethane

Concen: 0.968 ug/l

RT: 3.69 min Scan# 459

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

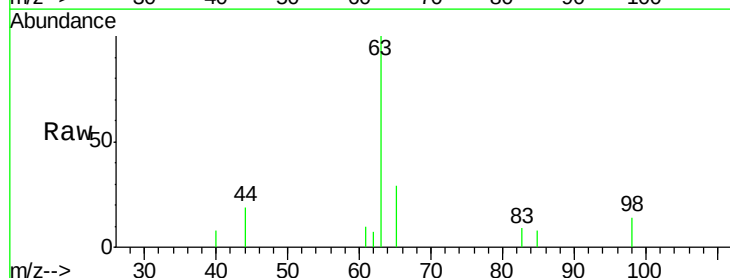
Tgt Ion: 63 Resp: 3712

Ion Ratio Lower Upper

63 100

98 13.8 3.9 11.7#

100 0.0 2.3 6.9#



Abundance Ion 62.90 (62.60 to 63.60): VX0

Ion 97.90 (97.60 to 98.60): VX0

Ion 99.90 (99.60 to 100.60): VX0

3.69

2000

1500

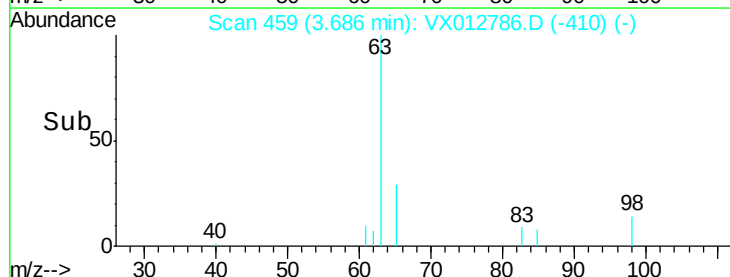
1000

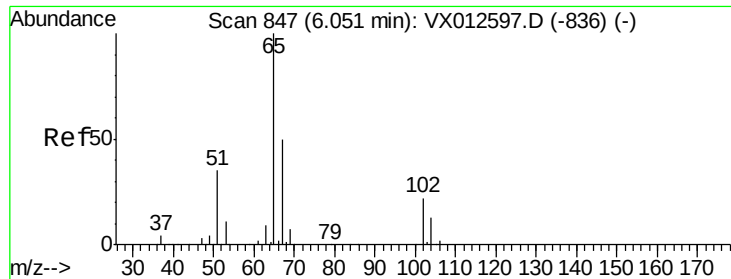
500

0

3.60 3.65 3.70 3.75

Time-->

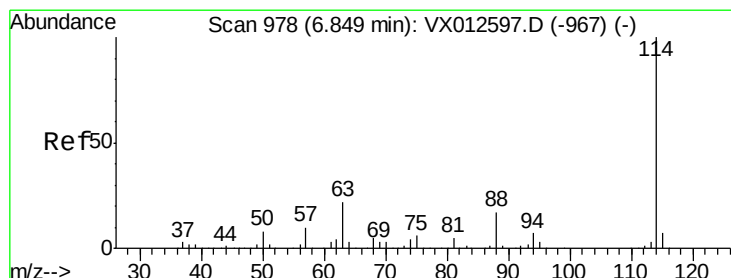
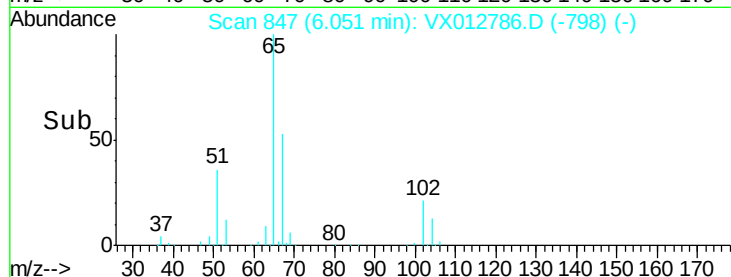
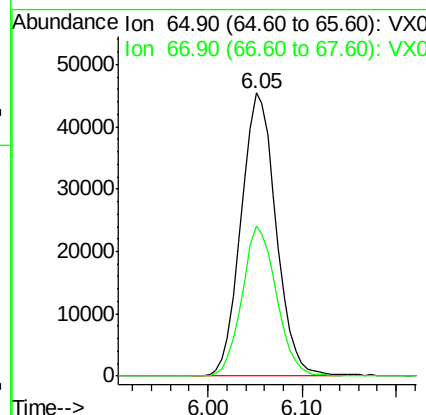
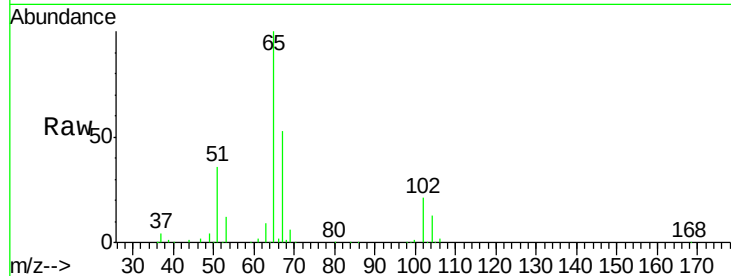




#33
 1,2-Dichloroethane-d4
 Concen: 47.380 ug/l
 RT: 6.05 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: VX012786.D
 Acq: 03 Oct 2019 16:13

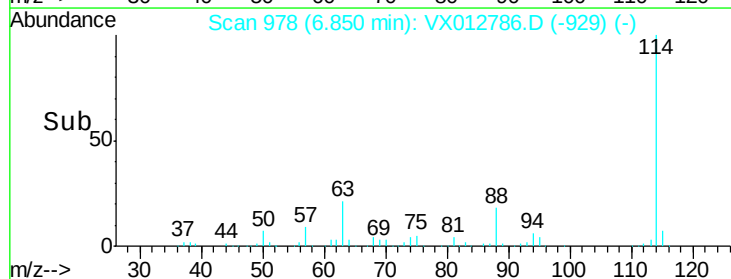
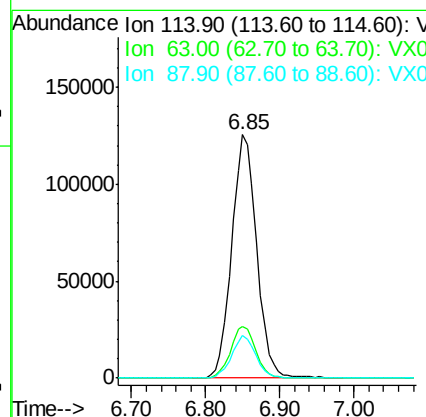
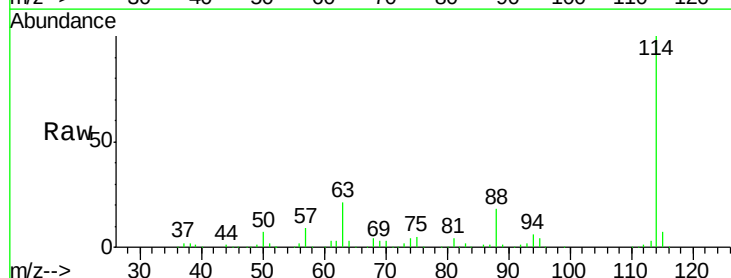
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ135I-20190930

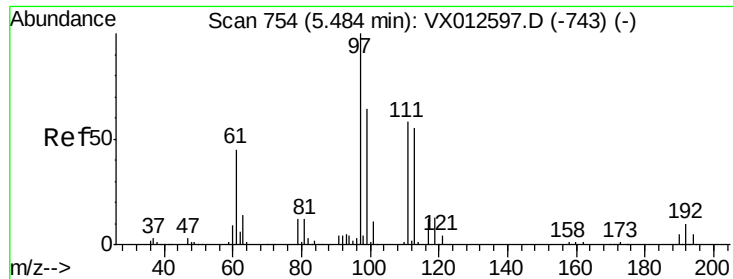
Tot Ion: 65 Resp: 118066
 Ion Ratio Lower Upper
 65 100
 67 52.3 0.0 101.2



#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 6.85 min Scan# 978
 Delta R.T. 0.00 min
 Lab File: VX012786.D
 Acq: 03 Oct 2019 16:13

Tgt Ion: 114 Resp: 294806
 Ion Ratio Lower Upper
 114 100
 63 21.3 0.0 43.2
 88 17.5 0.0 33.2

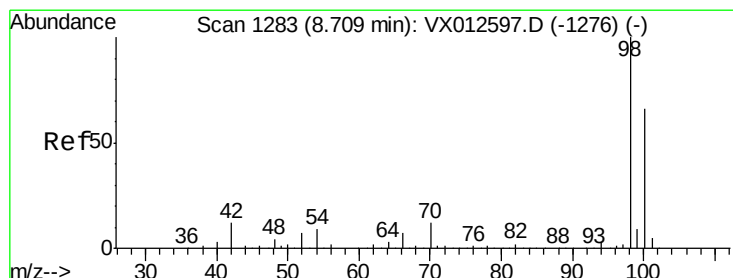
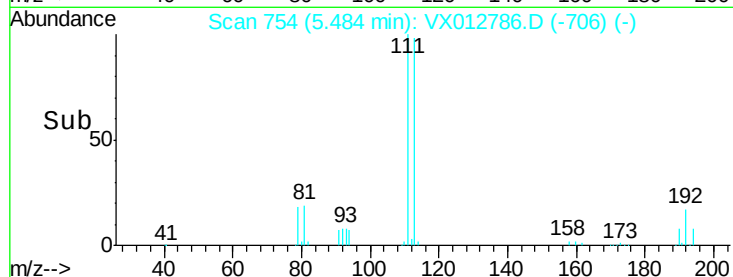
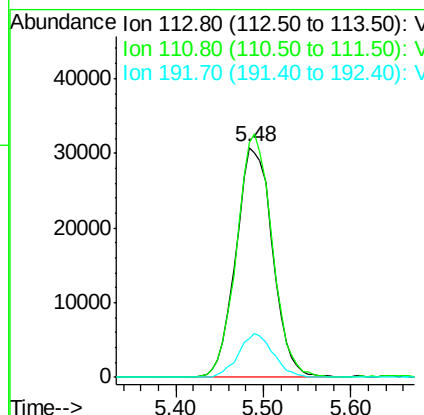
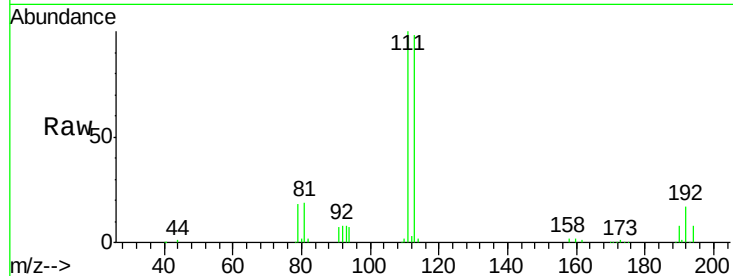




#35
 Dibromofluoromethane
 Concen: 51.170 ug/l
 RT: 5.48 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: VX012786.D
 Acq: 03 Oct 2019 16:13

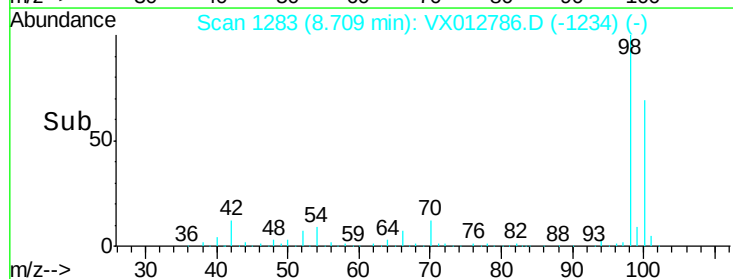
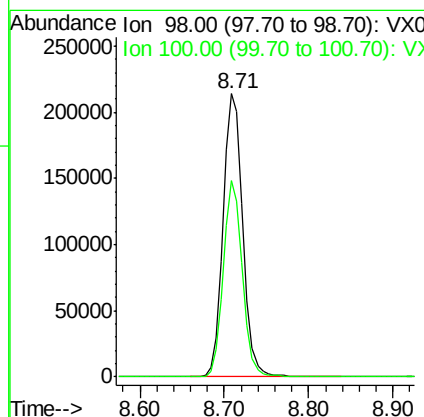
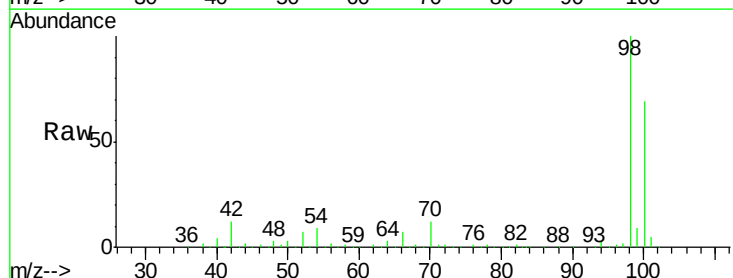
Instrument :
 MSVOA_X
 ClientSampleId :
 SA-PZ135I-20190930

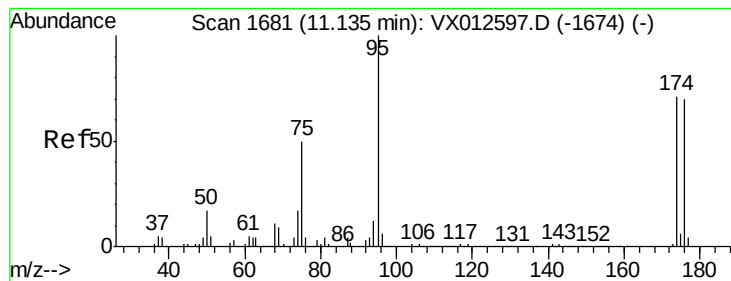
Tot Ion:113 Resp: 89839
 Ion Ratio Lower Upper
 113 100
 111 102.4 83.4 125.2
 192 18.0 14.4 21.6



#50
 Toluene-d8
 Concen: 51.229 ug/l
 RT: 8.71 min Scan# 1283
 Delta R.T. 0.00 min
 Lab File: VX012786.D
 Acq: 03 Oct 2019 16:13

Tgt Ion: 98 Resp: 346374
 Ion Ratio Lower Upper
 98 100
 100 67.2 53.4 80.2





#62

4-Bromofluorobenzene

Concen: 42.714 ug/l

RT: 11.14 min Scan# 1681

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ135I-20190930

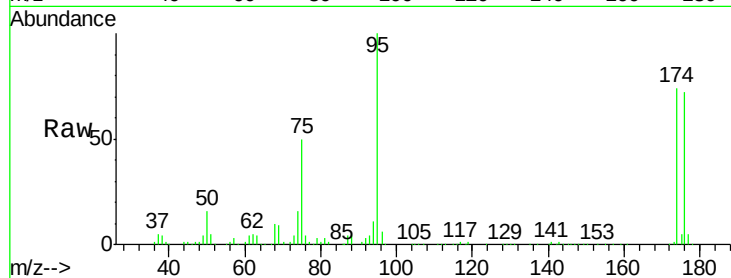
Tot Ion: 95 Resp: 113557

Ion Ratio Lower Upper

95 100

174 70.6 0.0 140.0

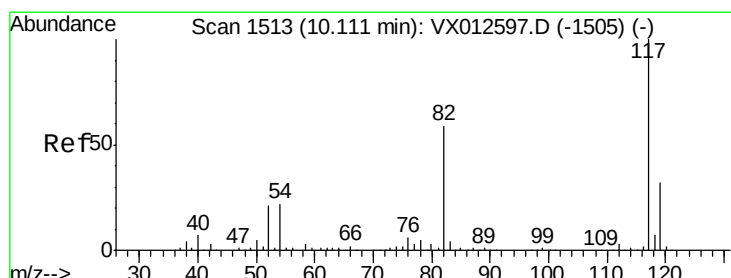
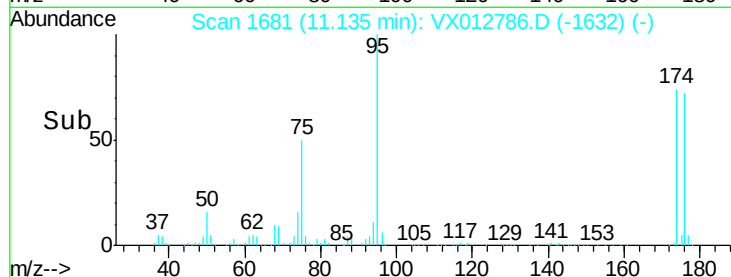
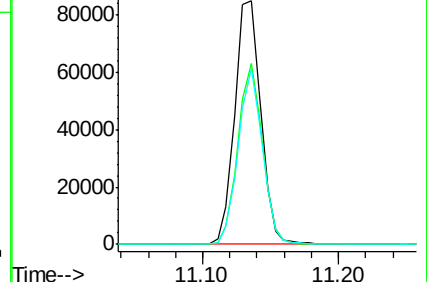
176 67.3 0.0 135.4



Abundance Ion 94.90 (94.60 to 95.60): VX012597.D (-1674) (-)

Ion 173.80 (173.50 to 174.50): VX012597.D (-1674) (-)

Ion 175.80 (175.50 to 176.50): VX012597.D (-1674) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1513

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

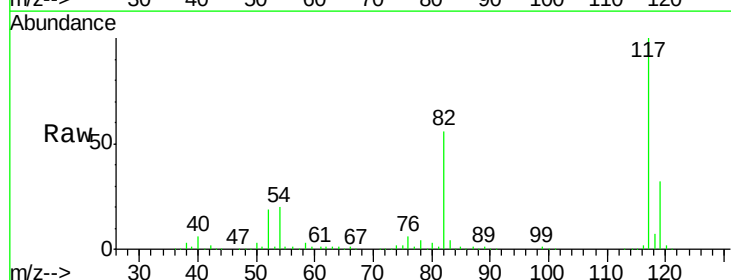
Tgt Ion: 117 Resp: 248120

Ion Ratio Lower Upper

117 100

82 55.5 45.9 68.9

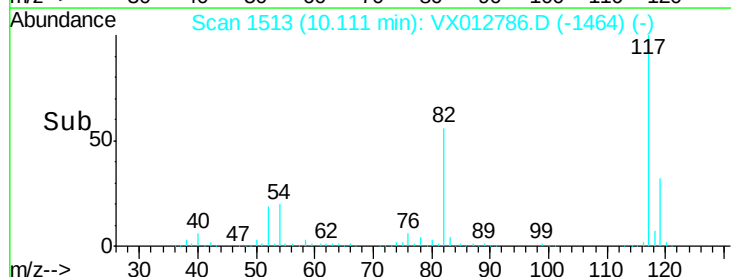
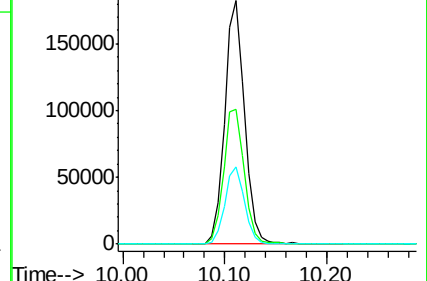
119 31.8 25.3 37.9

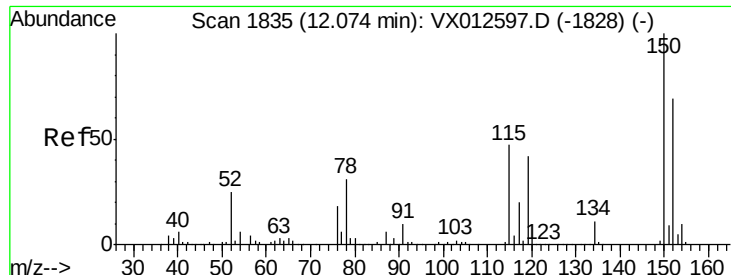


Abundance Ion 116.90 (116.60 to 117.60): VX012597.D (-1505) (-)

Ion 82.00 (81.70 to 82.70): VX012597.D (-1505) (-)

Ion 118.90 (118.60 to 119.60): VX012597.D (-1505) (-)





#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.07 min Scan# 1835

Delta R.T. 0.00 min

Lab File: VX012786.D

Acq: 03 Oct 2019 16:13

Instrument :

MSVOA_X

ClientSampleId :

SA-PZ135I-20190930

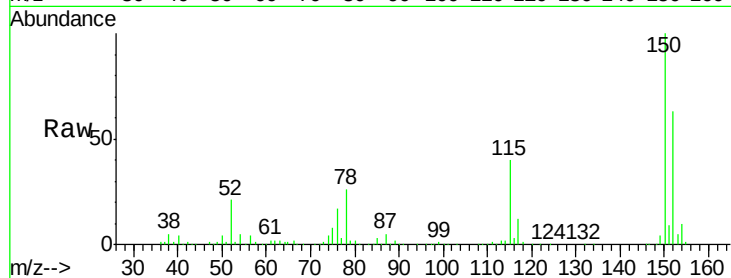
Tot Ion:152 Resp: 92376

Ion Ratio Lower Upper

152 100

115 64.1 44.1 132.3

150 160.6 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

