

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX062819\
 Data File : VX010547.D
 Acq On : 28 Jun 2019 20:04
 Operator : JC/SP
 Sample : K3521-37
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 PK-10D

Quant Time: Jun 29 06:31:06 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X061919W.M
 Quant Title : SW846 8260
 QLast Update : Thu Jun 20 03:31:56 2019
 Response via : Initial Calibration

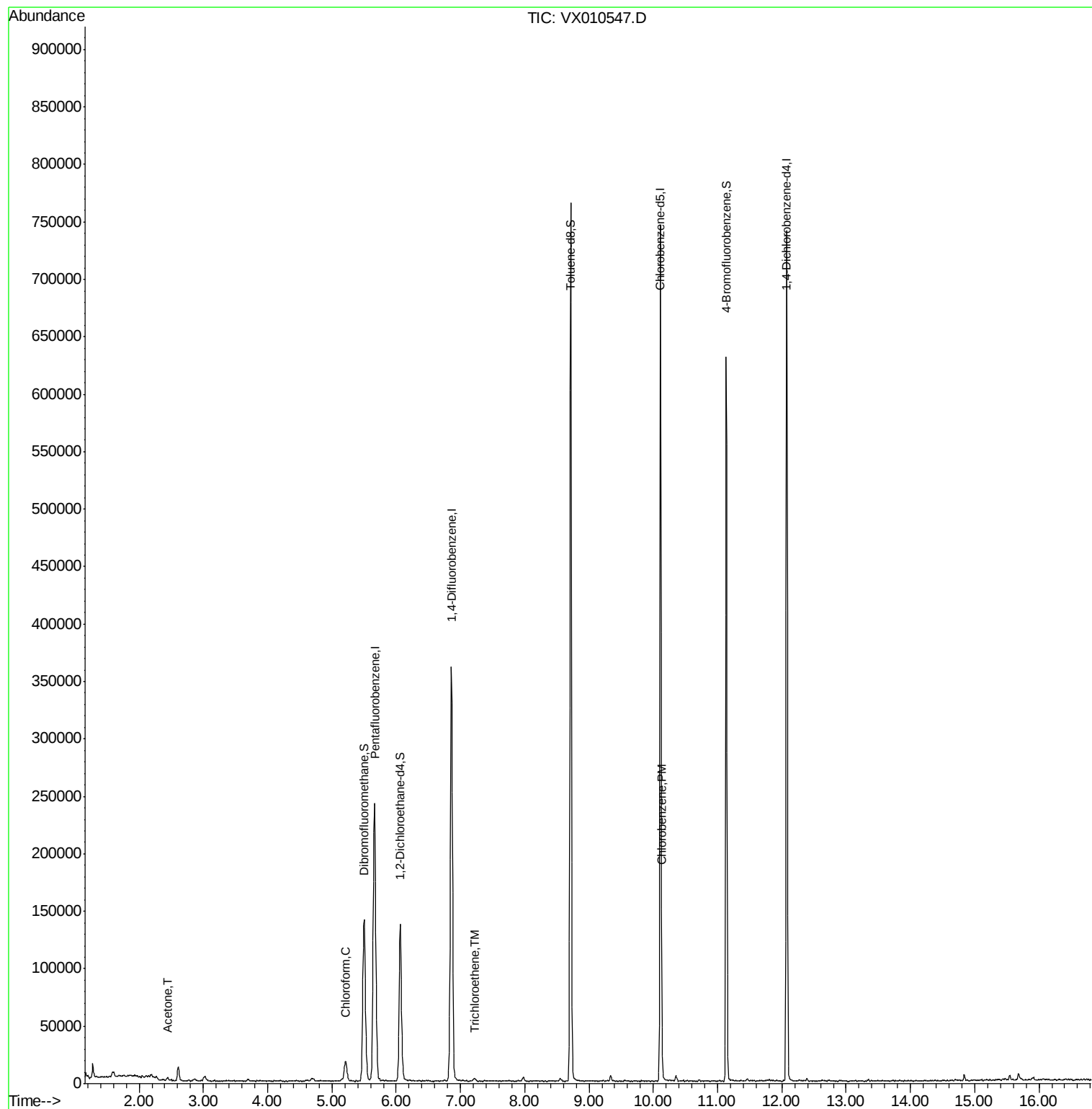
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	253991	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	394767	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	357684	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	164621	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	124265	52.18	ug/l	0.00
Spiked Amount 50.000			Recovery	=	104.36%	
35) Dibromofluoromethane	5.50	113	119614	49.52	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.04%	
50) Toluene-d8	8.71	98	467740	50.62	ug/l	0.00
Spiked Amount 50.000			Recovery	=	101.24%	
62) 4-Bromofluorobenzene	11.13	95	154712	46.38	ug/l	0.00
Spiked Amount 50.000			Recovery	=	92.76%	
Target Compounds						
16) Acetone	2.45	43	2669	2.236	ug/l	90
30) Chloroform	5.21	83	20650	5.081	ug/l	95
44) Trichloroethene	7.21	130	1054	0.360	ug/l	100
65) Chlorobenzene	10.13	112	6270	0.863	ug/l	93

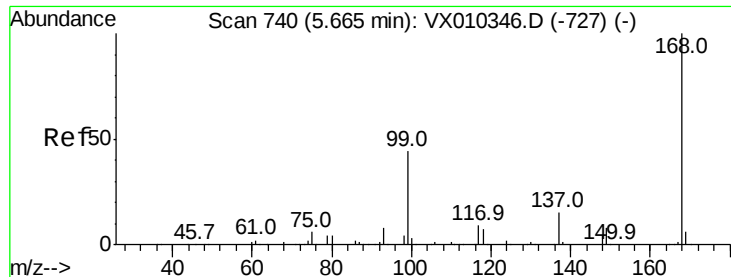
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SW846 8260
QLast Update : Thu Jun 20 03:31:56 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: VX010547.D

Acq: 28 Jun 2019 20:04

Instrument :

MSVOA_X

ClientSampled :

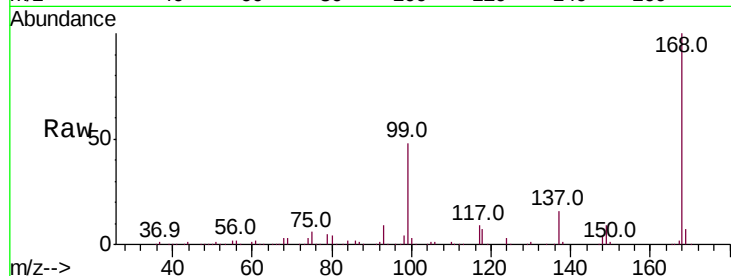
PK-10D

Tot Ion:168 Resp: 253991

Ion Ratio Lower Upper

168 100

99 47.7 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

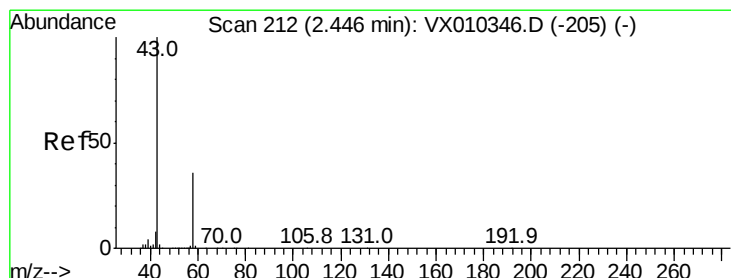
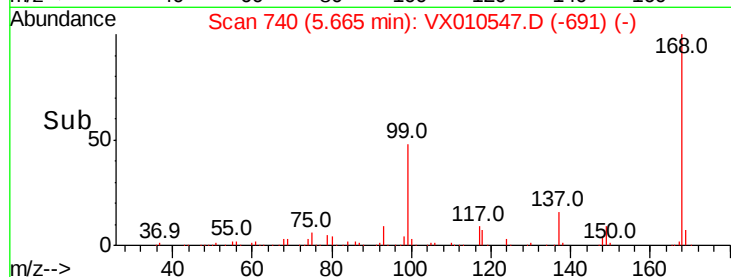
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 2.236 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX010547.D

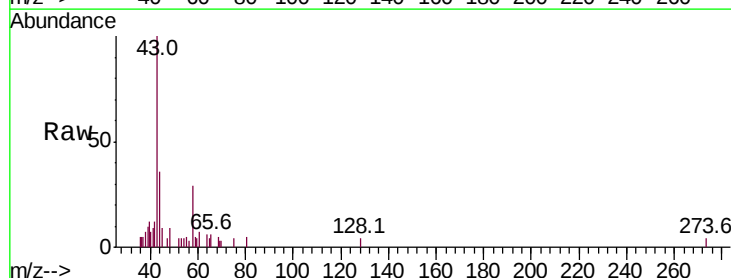
Acq: 28 Jun 2019 20:04

Tgt Ion: 43 Resp: 2669

Ion Ratio Lower Upper

43 100

58 30.0 28.9 43.3



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

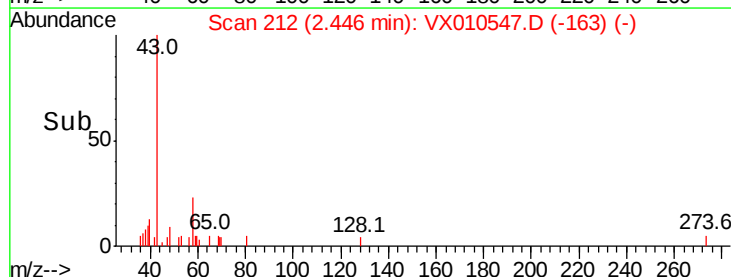
1500

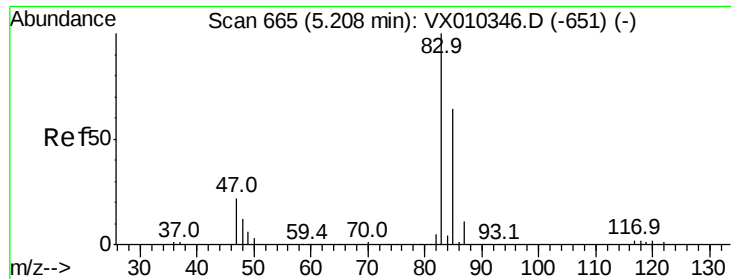
1000

500

0

Time--> 2.35 2.40 2.45 2.50

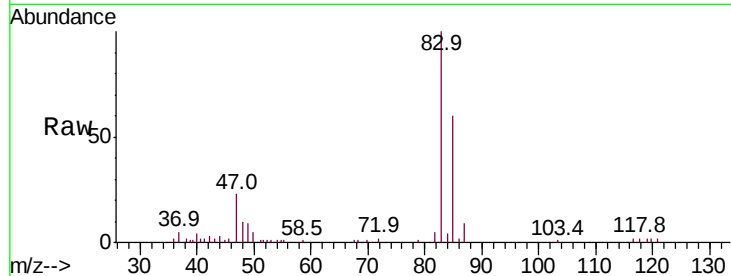




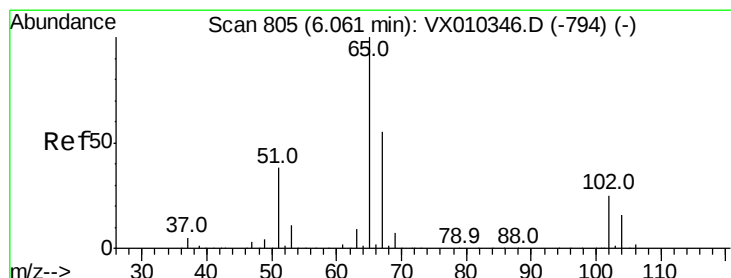
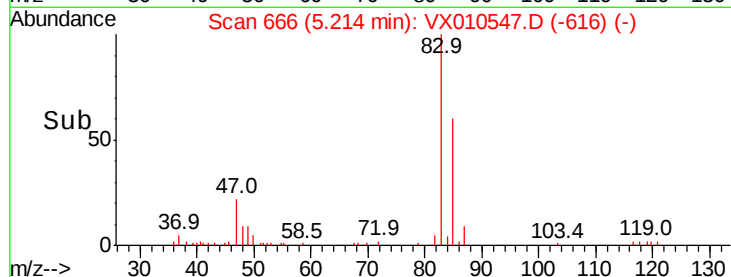
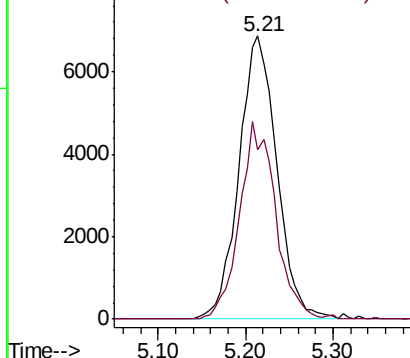
#30
Chloroform
Concen: 5.081 ug/l
RT: 5.21 min Scan# 666
Delta R.T. 0.01 min
Lab File: VX010547.D
Acq: 28 Jun 2019 20:04

Instrument :
MSVOA_X
ClientSampleId :
PK-10D

Tot Ion: 83 Resp: 20650
Ion Ratio Lower Upper
83 100
85 59.7 50.9 76.3

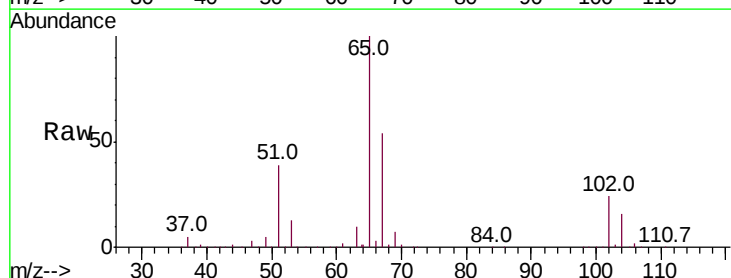


Abundance Ion 82.90 (82.60 to 83.60): VX0
Ion 84.90 (84.60 to 85.60): VX0

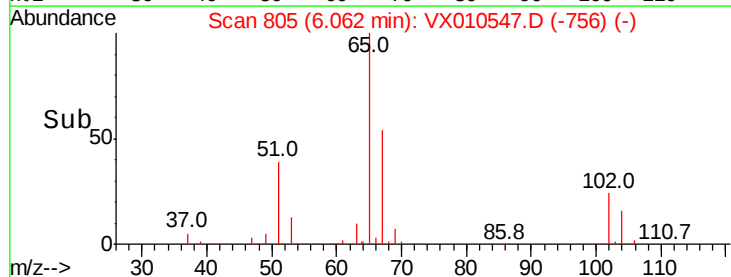
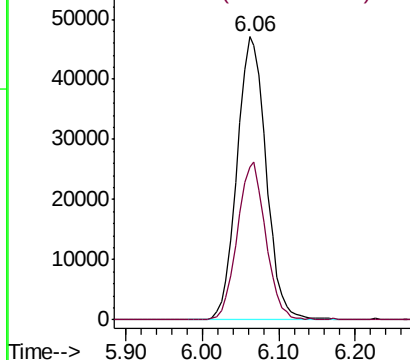


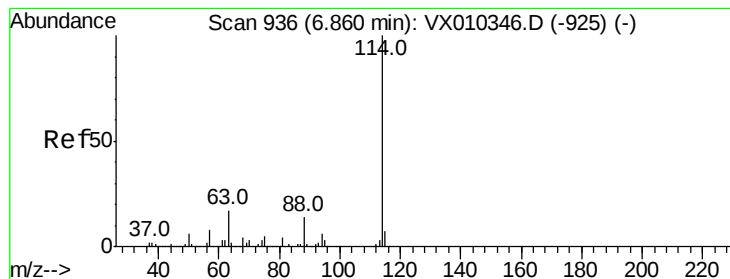
#33
1,2-Dichloroethane-d4
Concen: 52.181 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010547.D
Acq: 28 Jun 2019 20:04

Tgt Ion: 65 Resp: 124265
Ion Ratio Lower Upper
65 100
67 54.1 0.0 110.2



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: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

PK-10D

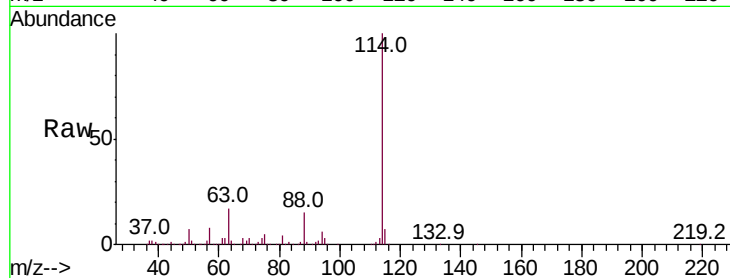
Tot Ion:114 Resp: 394767

Ion Ratio Lower Upper

114 100

63 17.0 0.0 33.8

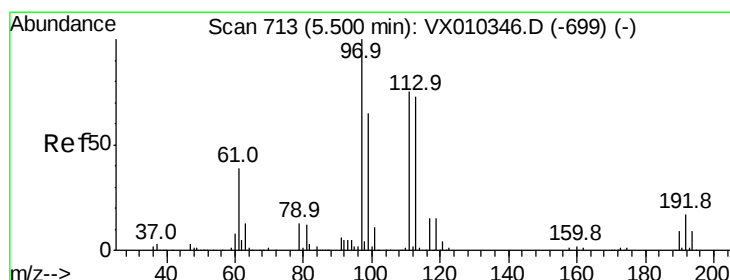
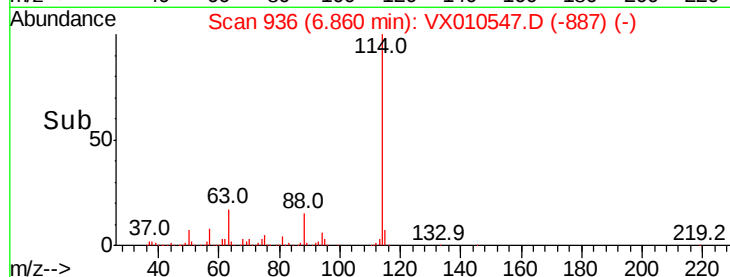
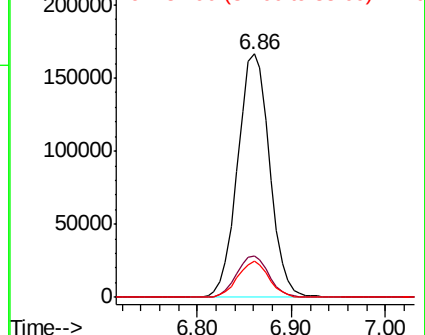
88 14.9 0.0 27.6



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: 49.523 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

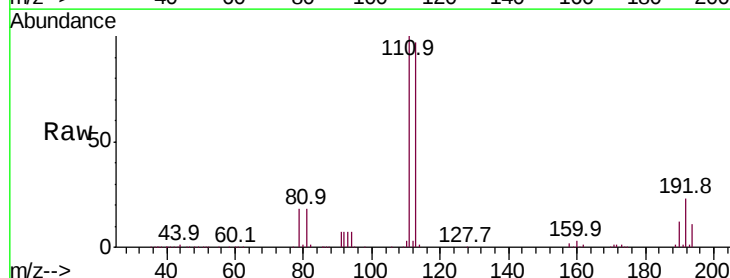
Tgt Ion:113 Resp: 119614

Ion Ratio Lower Upper

113 100

111 101.9 81.2 121.8

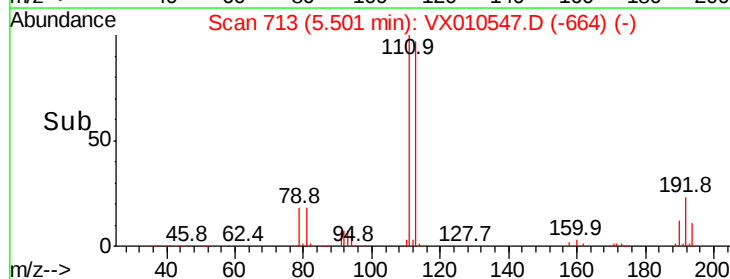
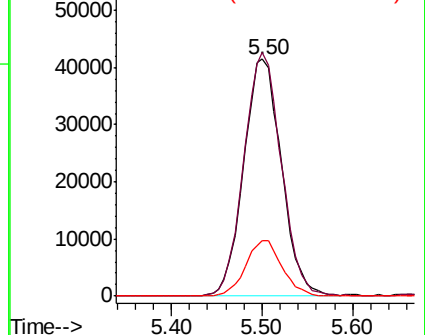
192 22.7 18.6 27.8

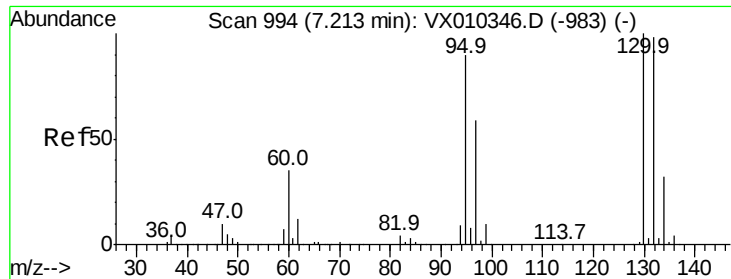


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.360 ug/l

RT: 7.21 min Scan# 994

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

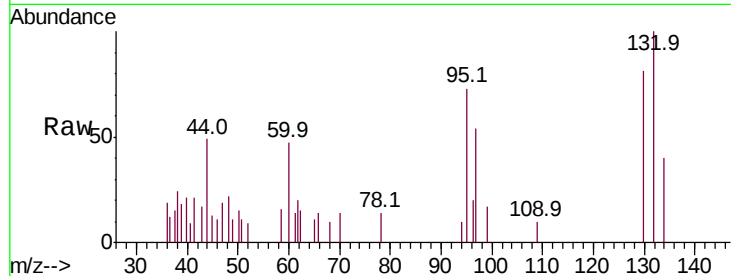
PK-10D

Tot Ion:130 Resp: 1054

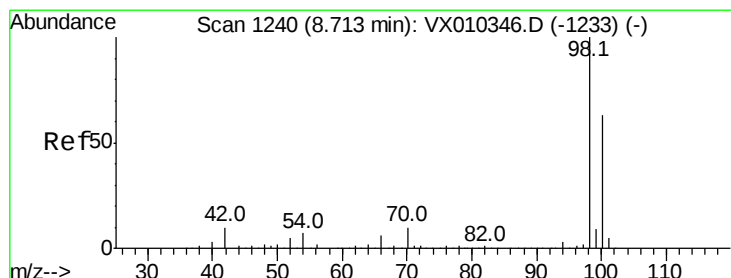
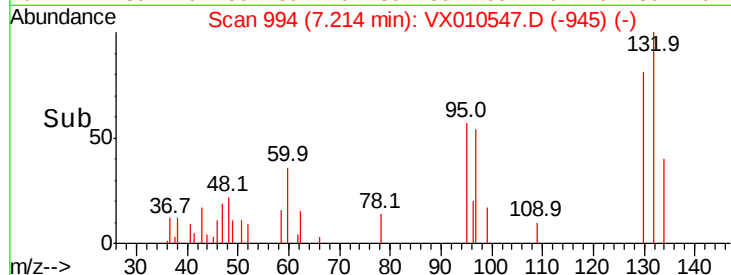
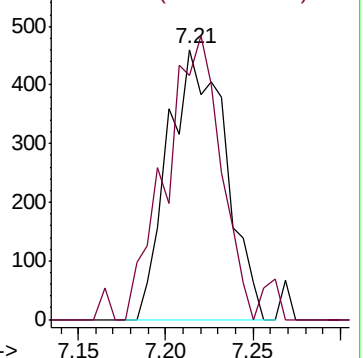
Ion Ratio Lower Upper

130 100

95 90.4 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V



#50

Toluene-d8

Concen: 50.618 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010547.D

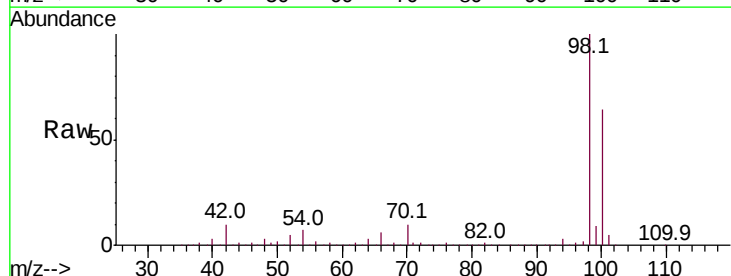
Acq: 28 Jun 2019 20:04

Tgt Ion: 98 Resp: 467740

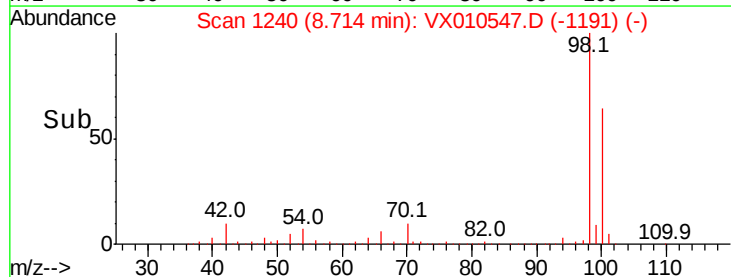
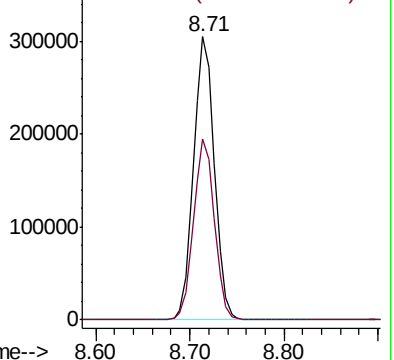
Ion Ratio Lower Upper

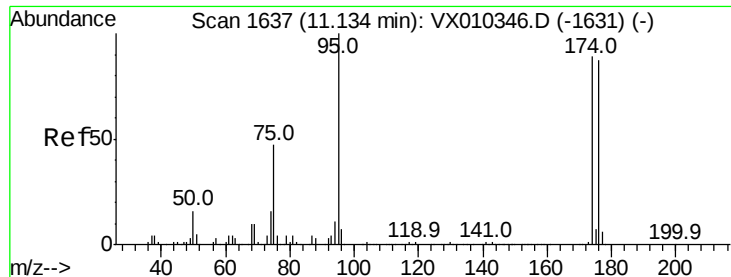
98 100

100 63.7 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.375 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

PK-10D

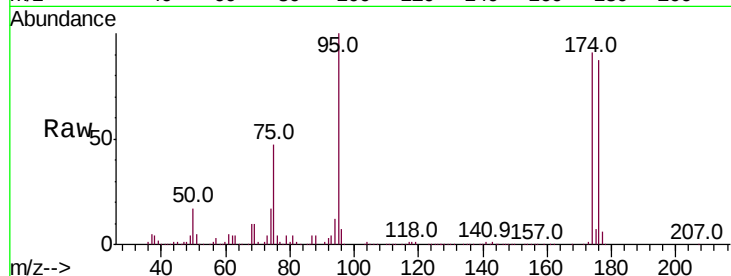
Tot Ion: 95 Resp: 154712

Ion Ratio Lower Upper

95 100

174 95.8 0.0 187.6

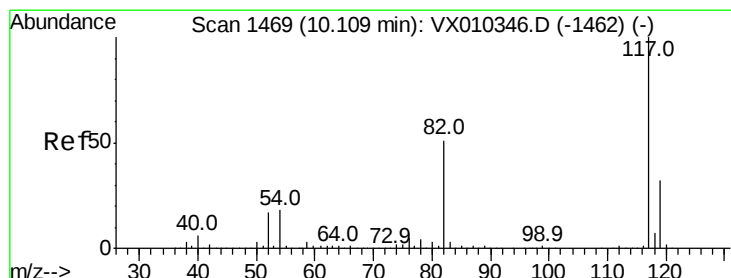
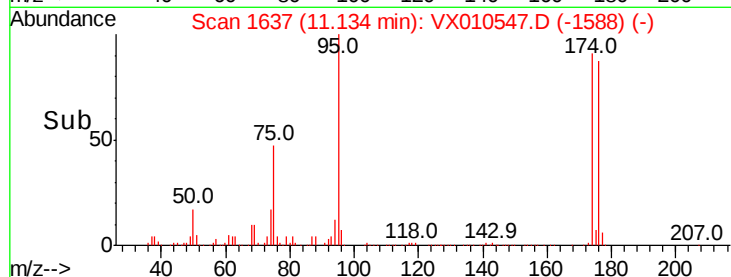
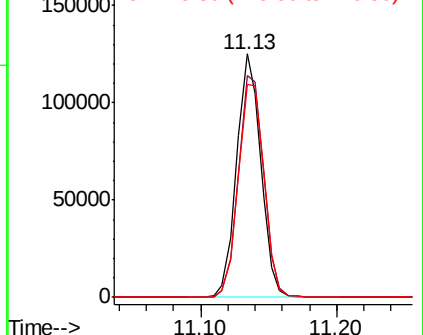
176 93.9 0.0 184.0



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# 1469

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

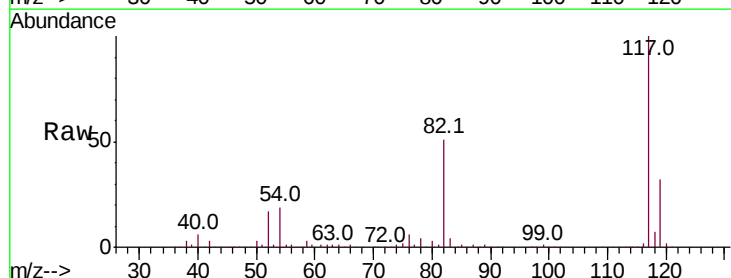
Tgt Ion: 117 Resp: 357684

Ion Ratio Lower Upper

117 100

82 51.3 41.2 61.8

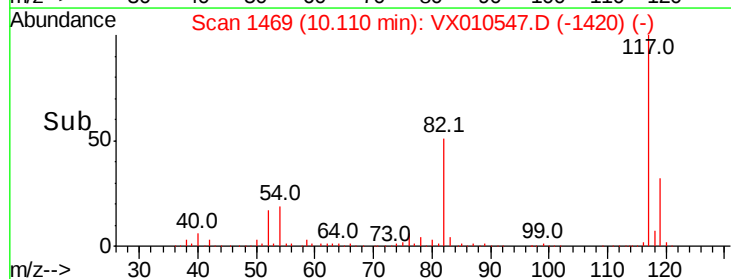
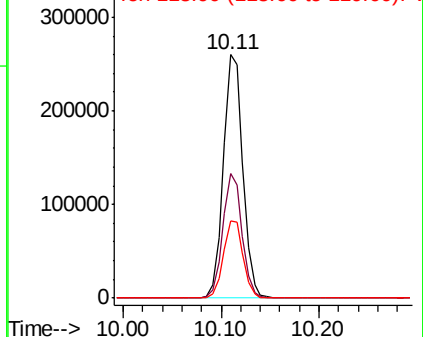
119 31.7 25.5 38.3

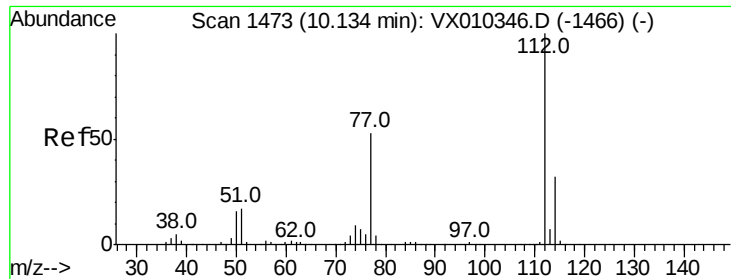


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#65

Chlorobenzene

Concen: 0.863 ug/l

RT: 10.13 min Scan# 1473

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

Instrument :

MSVOA_X

ClientSampleId :

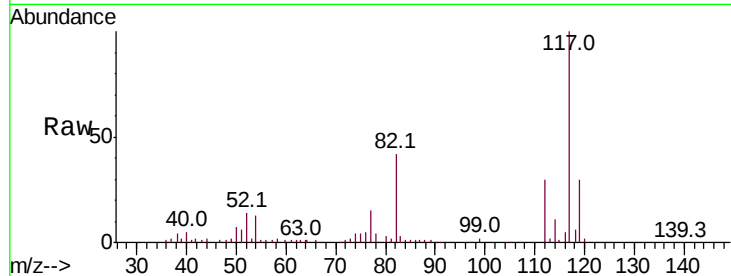
PK-10D

Tot Ion:112 Resp: 6270

Ion Ratio Lower Upper

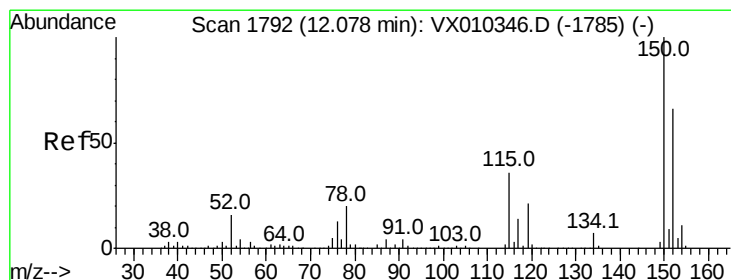
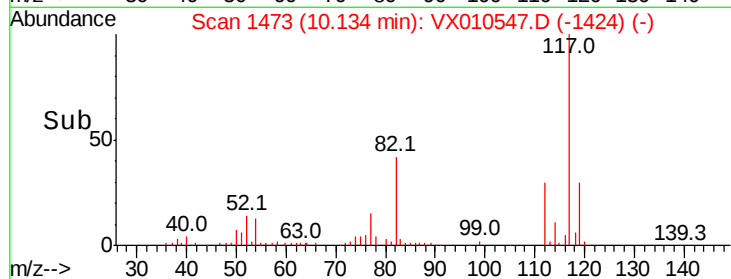
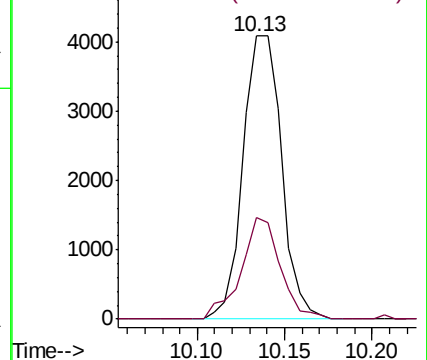
112 100

114 35.8 25.4 38.2



Abundance Ion 111.90 (111.60 to 112.60): V

Ion 113.90 (113.60 to 114.60): V



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX010547.D

Acq: 28 Jun 2019 20:04

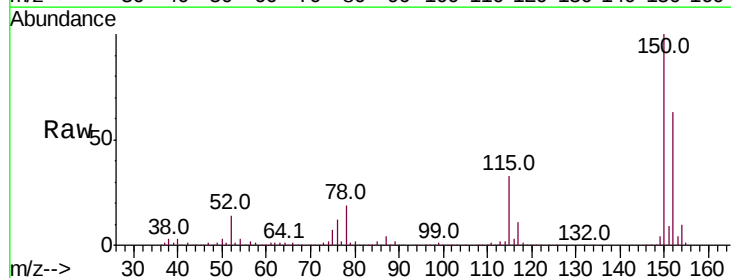
Tgt Ion:152 Resp: 164621

Ion Ratio Lower Upper

152 100

115 54.3 38.6 115.7

150 158.3 0.0 347.4



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

