

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX071119\
 Data File : VX010811.D
 Acq On : 11 Jul 2019 16:47
 Operator : JC/SP
 Sample : K3756-04
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 KY030SP003-SW-190710

Quant Time: Jul 12 07:30:57 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

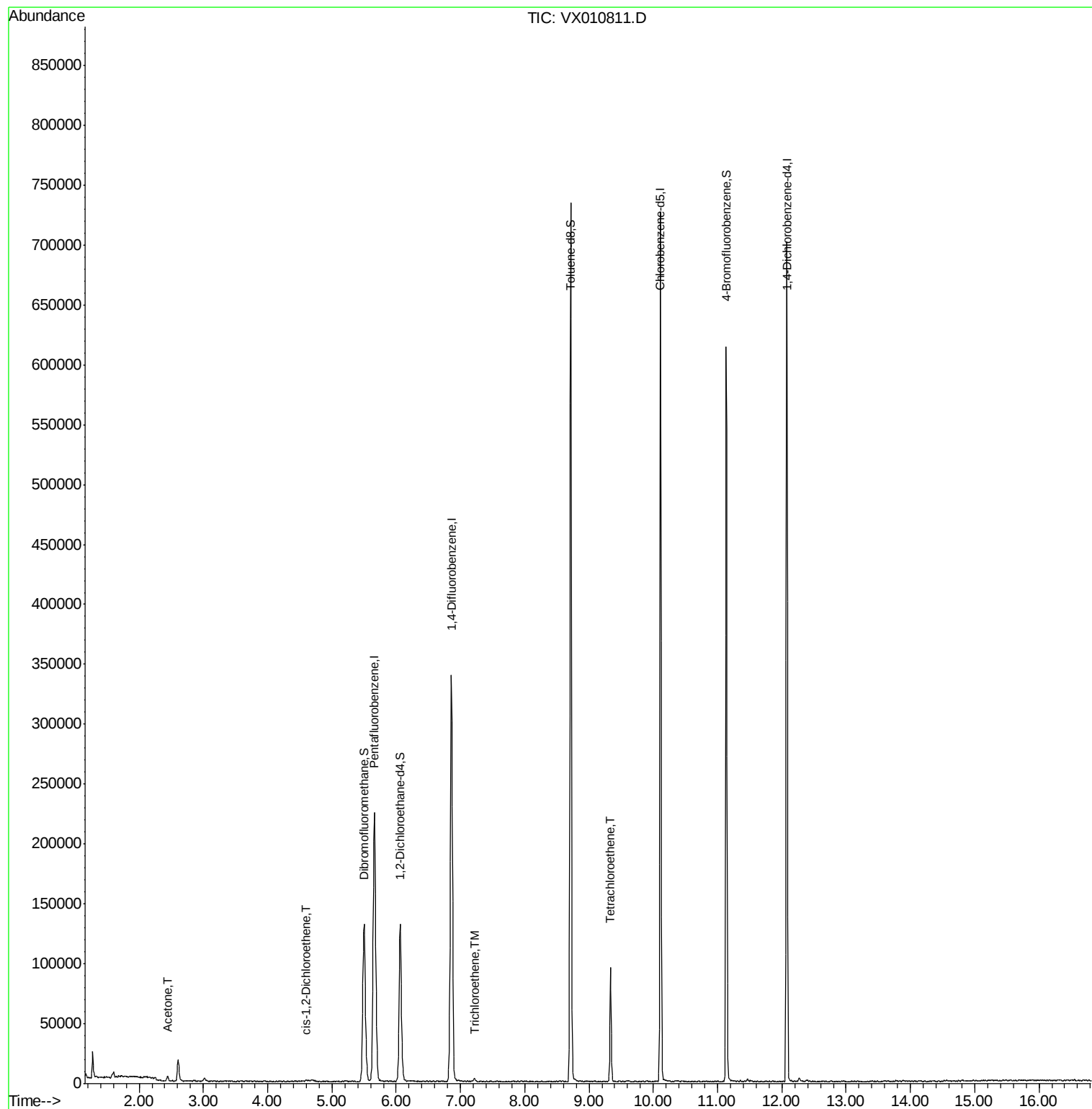
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.66	168	229243	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	361762	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.11	117	335964	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	152538	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.06	65	117790	54.80	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.60%	
35) Dibromofluoromethane	5.50	113	109643	49.54	ug/l	0.00
Spiked Amount 50.000			Recovery	=	99.08%	
50) Toluene-d8	8.71	98	435537	51.43	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.86%	
62) 4-Bromofluorobenzene	11.13	95	147709	48.32	ug/l	0.00
Spiked Amount 50.000			Recovery	=	96.64%	
Target Compounds						
16) Acetone	2.44	43	4242	3.938	ug/l #	86
27) cis-1,2-Dichloroethene	4.60	96	820	0.332	ug/l	82
44) Trichloroethene	7.22	130	924	0.345	ug/l	98
64) Tetrachloroethene	9.34	164	18626	6.854	ug/l	97

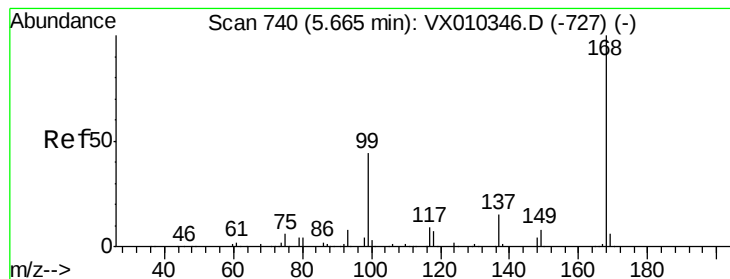
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: 5.66 min Scan# 739

Delta R.T. -0.01 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

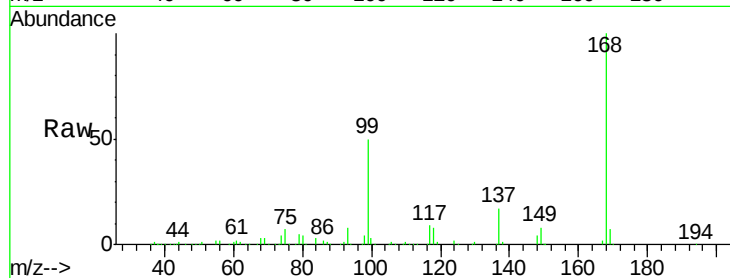
KY030SP003-SW-190710

Tot Ion:168 Resp: 229243

Ion Ratio Lower Upper

168 100

99 50.0 35.5 53.3



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.66

80000

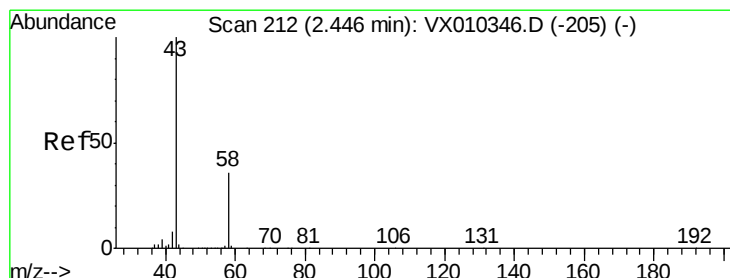
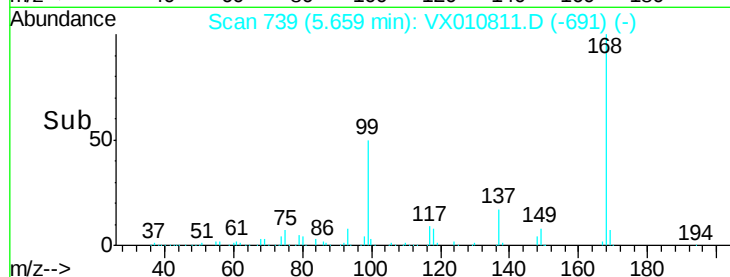
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 3.938 ug/l

RT: 2.44 min Scan# 211

Delta R.T. -0.01 min

Lab File: VX010811.D

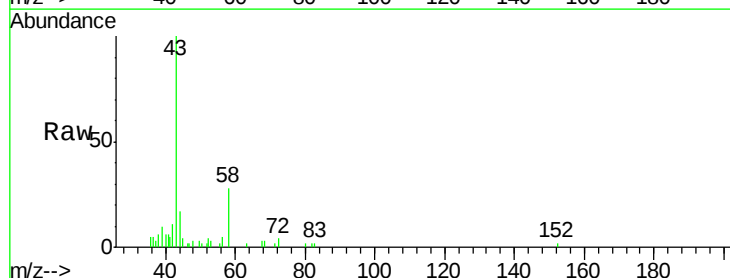
Acq: 11 Jul 2019 16:47

Tgt Ion: 43 Resp: 4242

Ion Ratio Lower Upper

43 100

58 27.6 28.9 43.3#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.44

2500

2000

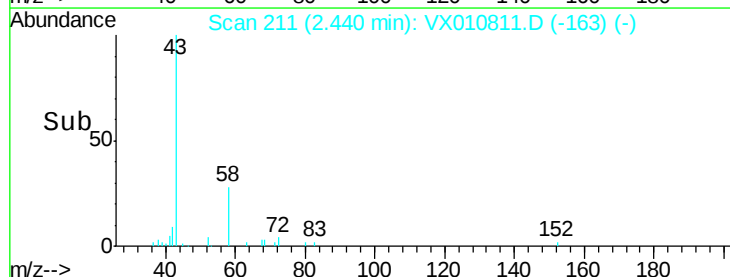
1500

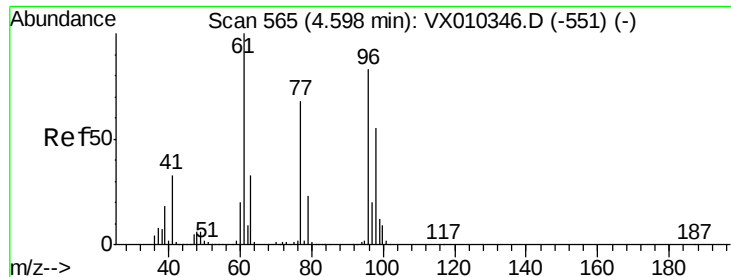
1000

500

0

Time--> 2.40 2.45 2.50



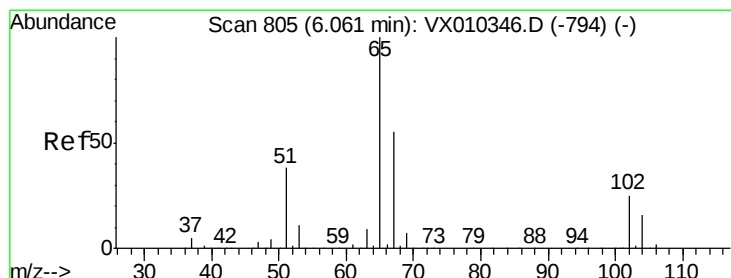
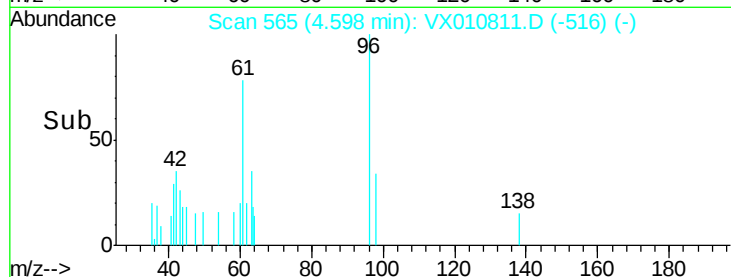
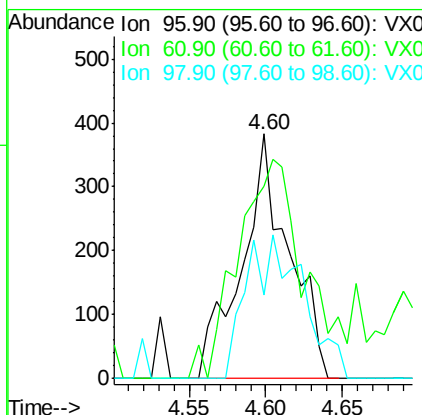
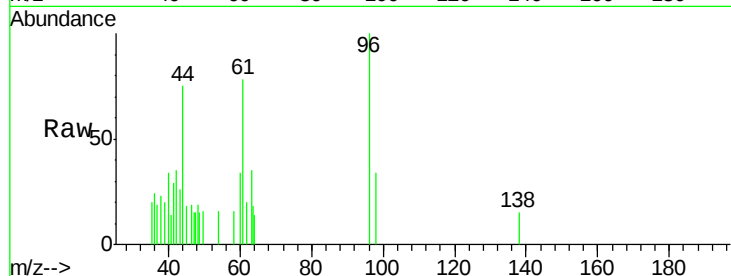


#27

cis-1,2-Dichloroethene
Concen: 0.332 ug/l
RT: 4.60 min Scan# 565
Delta R.T. 0.00 min
Lab File: VX010811.D
Acq: 11 Jul 2019 16:47

Instrument :
MSVOA_X
ClientSampleId :
KY030SP003-SW-190710

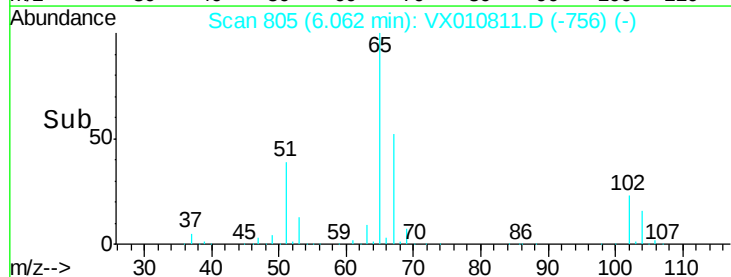
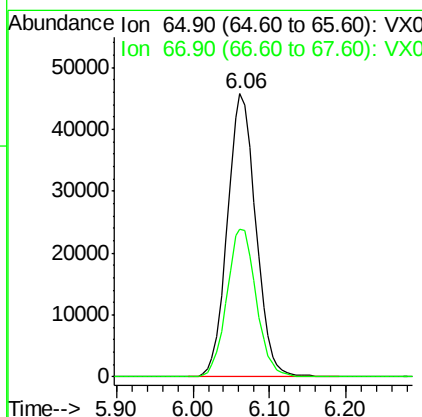
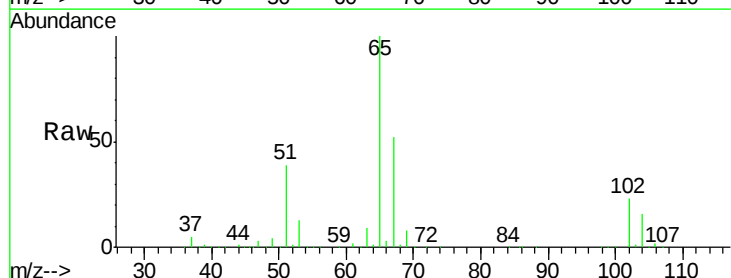
Tot Ion: 96 Resp: 820
Ion Ratio Lower Upper
96 100
61 127.6 0.0 251.8
98 25.7 0.0 129.4

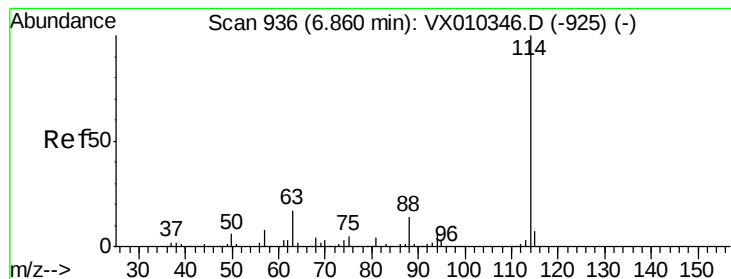


#33

1,2-Dichloroethane-d4
Concen: 54.802 ug/l
RT: 6.06 min Scan# 805
Delta R.T. 0.00 min
Lab File: VX010811.D
Acq: 11 Jul 2019 16:47

Tgt Ion: 65 Resp: 117790
Ion Ratio Lower Upper
65 100
67 53.8 0.0 110.2





#34

1,4-Difluorobenzene

Concen: 50.000 ug/l

RT: 6.86 min Scan# 936

Delta R.T. 0.00 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

KY030SP003-SW-190710

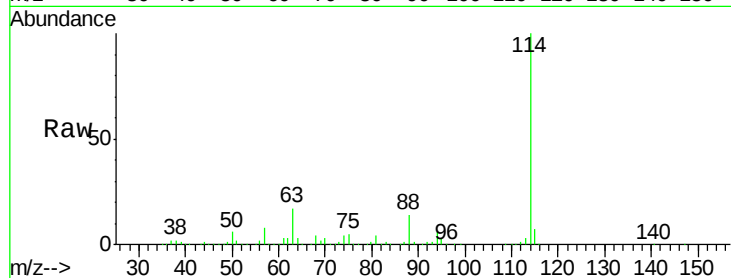
Tot Ion:114 Resp: 361762

Ion Ratio Lower Upper

114 100

63 17.4 0.0 33.8

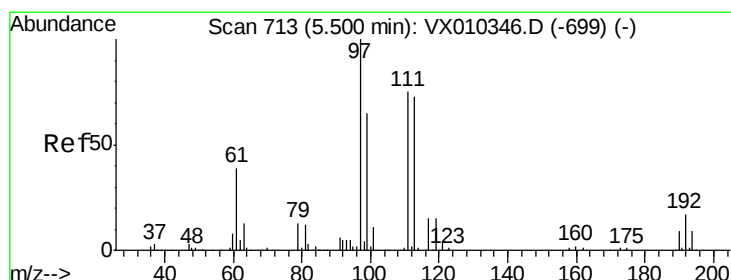
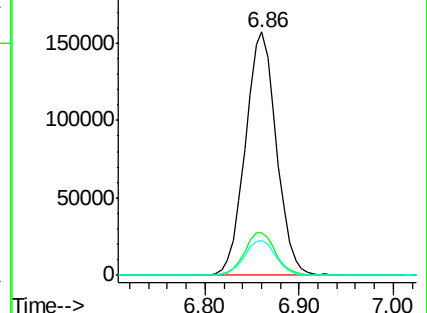
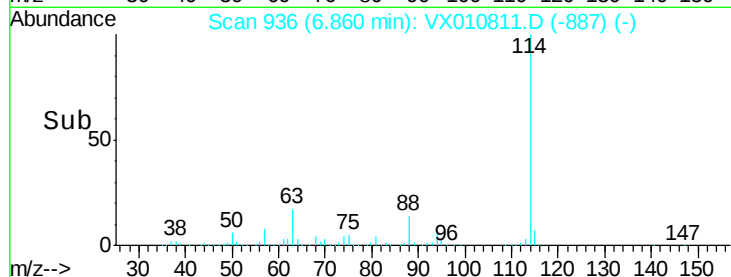
88 14.2 0.0 27.6



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: 49.536 ug/l

RT: 5.50 min Scan# 713

Delta R.T. 0.00 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

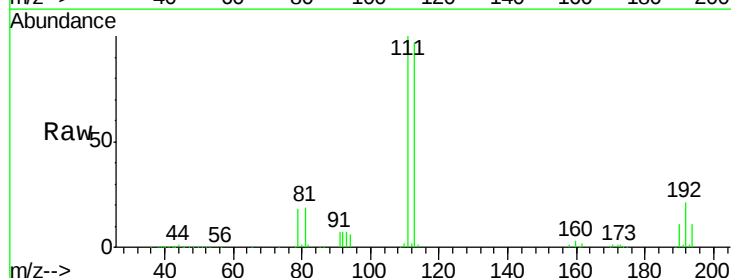
Tgt Ion:113 Resp: 109643

Ion Ratio Lower Upper

113 100

111 102.7 81.2 121.8

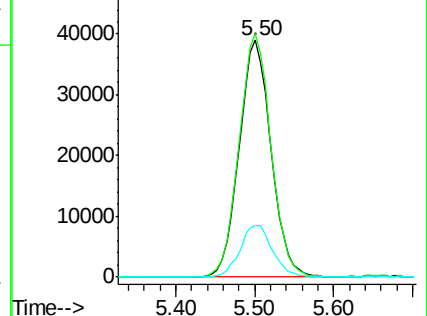
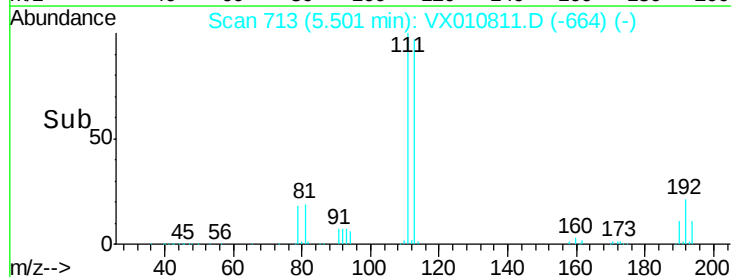
192 22.3 18.6 27.8

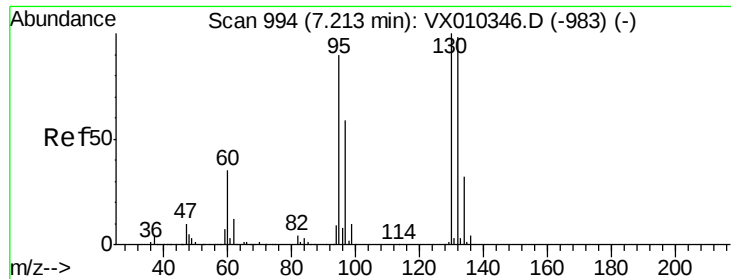


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#44

Trichloroethene

Concen: 0.345 ug/l

RT: 7.22 min Scan# 995

Delta R.T. 0.01 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

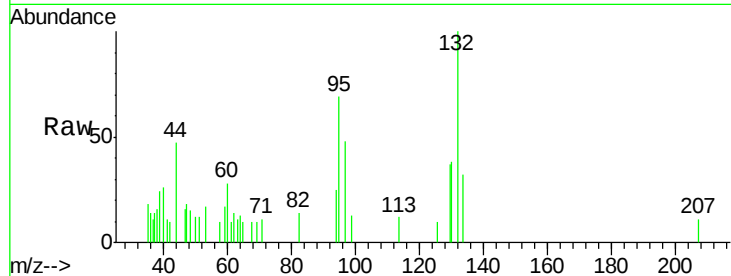
KY030SP003-SW-190710

Tot Ion:130 Resp: 924

Ion Ratio Lower Upper

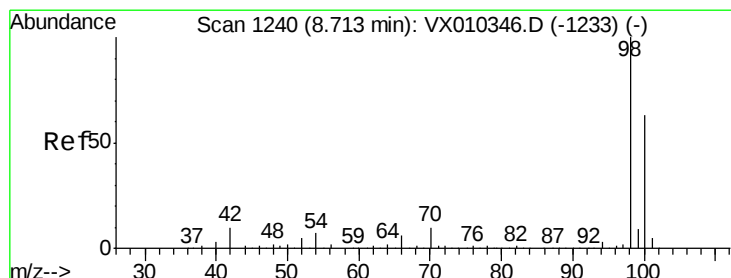
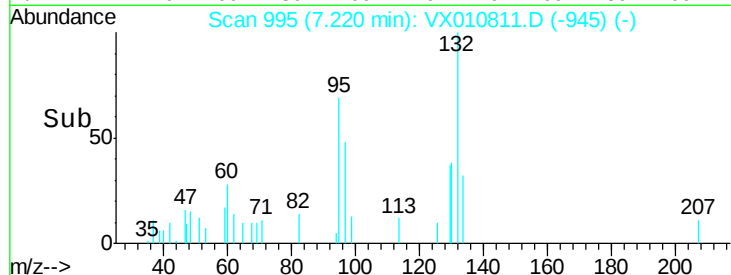
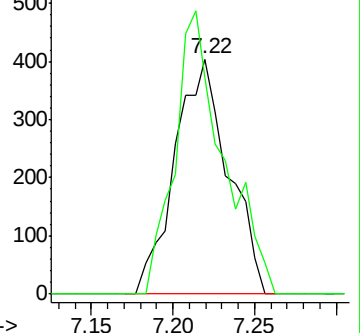
130 100

95 92.3 0.0 180.8



Abundance Ion 129.80 (129.50 to 130.50): V

Ion 94.90 (94.60 to 95.60): VX0



#50

Toluene-d8

Concen: 51.433 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX010811.D

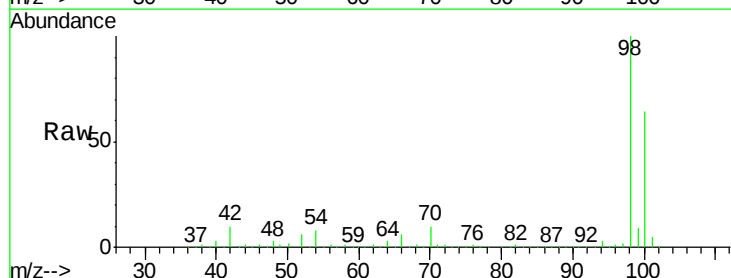
Acq: 11 Jul 2019 16:47

Tgt Ion: 98 Resp: 435537

Ion Ratio Lower Upper

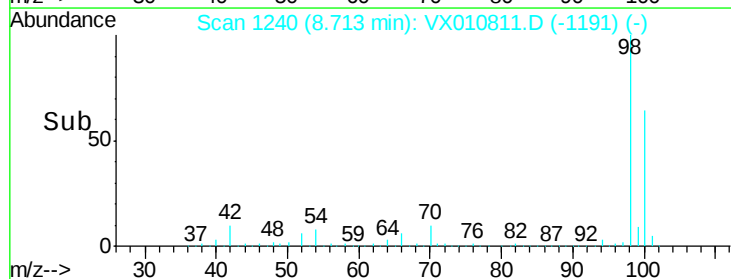
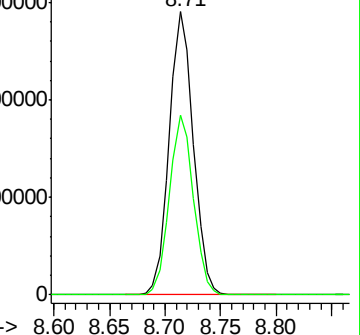
98 100

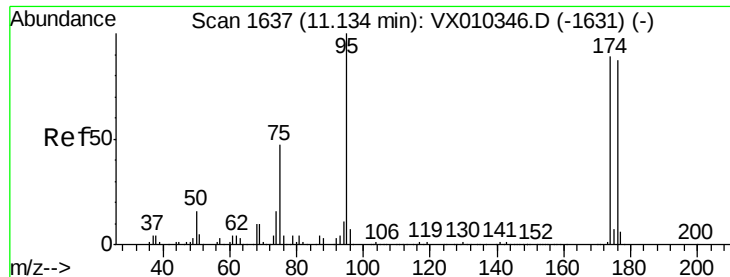
100 63.5 51.6 77.4



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 48.315 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. 0.00 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

Instrument :

MSVOA_X

ClientSampleId :

KY030SP003-SW-190710

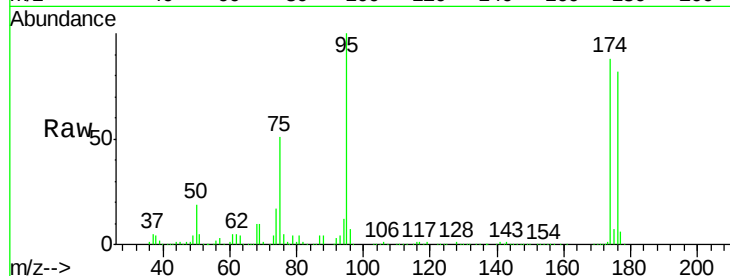
Tot Ion: 95 Resp: 147709

Ion Ratio Lower Upper

95 100

174 93.9 0.0 187.6

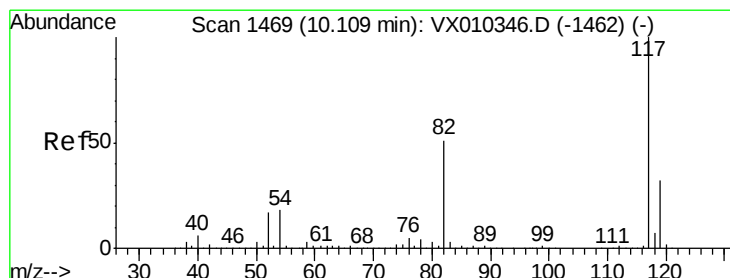
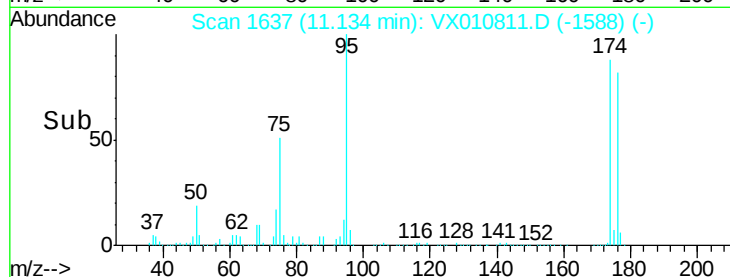
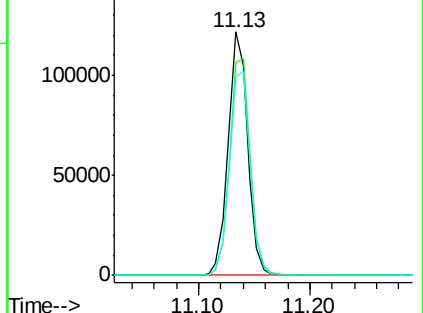
176 89.2 0.0 184.0



Abundance Ion 94.90 (94.60 to 95.60): VX010346.D (-1631) (-)

Ion 173.80 (173.50 to 174.50): VX010346.D (-1631) (-)

Ion 175.80 (175.50 to 176.50): VX010346.D (-1631) (-)



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.11 min Scan# 1469

Delta R.T. 0.00 min

Lab File: VX010811.D

Acq: 11 Jul 2019 16:47

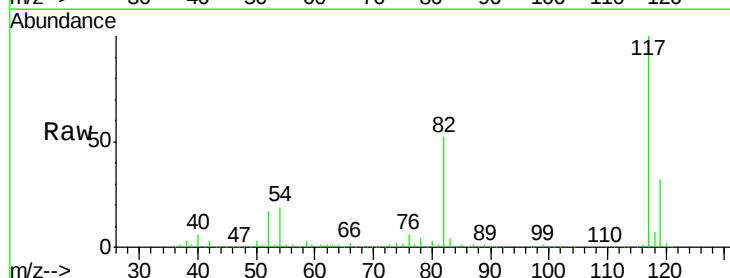
Tgt Ion: 117 Resp: 335964

Ion Ratio Lower Upper

117 100

82 52.2 41.2 61.8

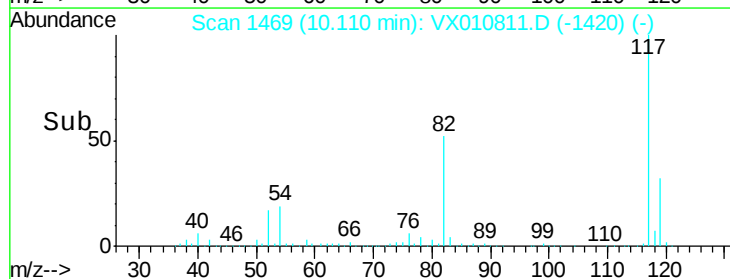
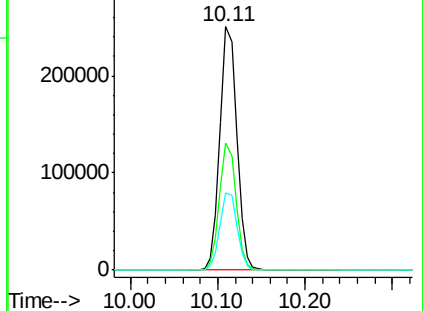
119 31.8 25.5 38.3

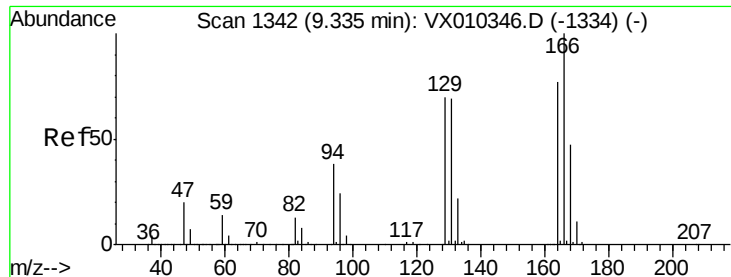


Abundance Ion 116.90 (116.60 to 117.60): VX010346.D (-1462) (-)

Ion 82.00 (81.70 to 82.70): VX010346.D (-1462) (-)

Ion 118.90 (118.60 to 119.60): VX010346.D (-1462) (-)

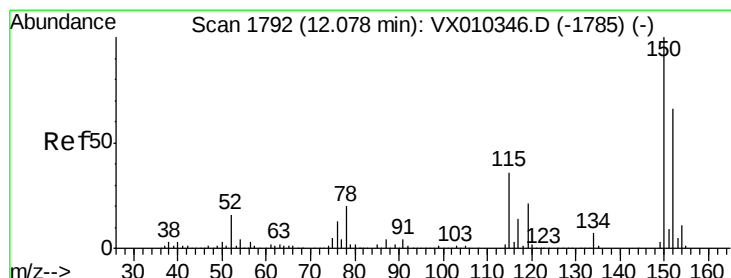
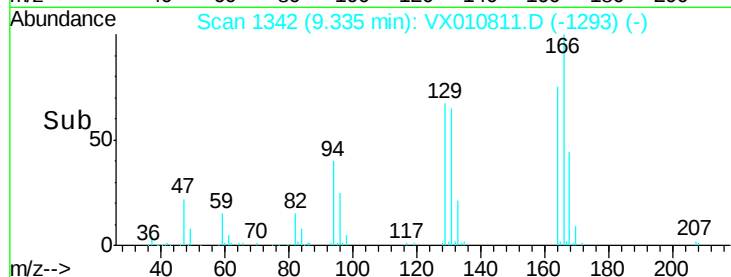
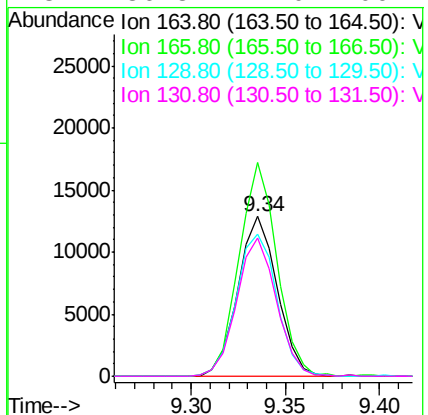
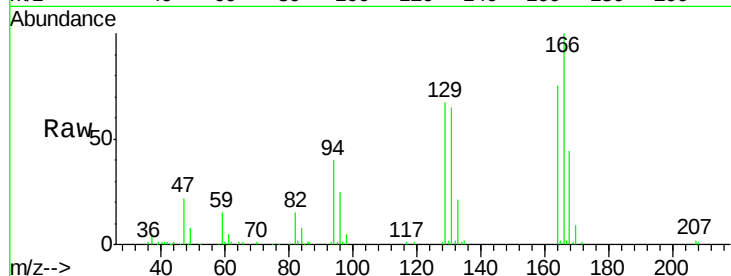




#64
Tetrachloroethene
Concen: 6.854 ug/l
RT: 9.34 min Scan# 1342
Delta R.T. 0.00 min
Lab File: VX010811.D
Acq: 11 Jul 2019 16:47

Instrument :
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ClientSampleId :
KY030SP003-SW-190710

Tot Ion	Ratio	Lower	Upper
164	100		
166	133.9	103.6	155.4
129	89.4	73.0	109.4
131	86.8	71.0	106.4



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 12.08 min Scan# 1792
Delta R.T. 0.00 min
Lab File: VX010811.D
Acq: 11 Jul 2019 16:47

Tgt Ion	Ratio	Lower	Upper
152	100		
115	54.8	38.6	115.7
150	156.2	0.0	347.4

