

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX121018\
 Data File : VX006364.D
 Acq On : 10 Dec 2018 12:39
 Operator : JC/MD
 Sample : J6296-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-1206-S-TCLP-GRID

Quant Time: Dec 11 04:15:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
 Quant Title : SW846 8260
 QLast Update : Fri Nov 30 03:55:33 2018
 Response via : Initial Calibration

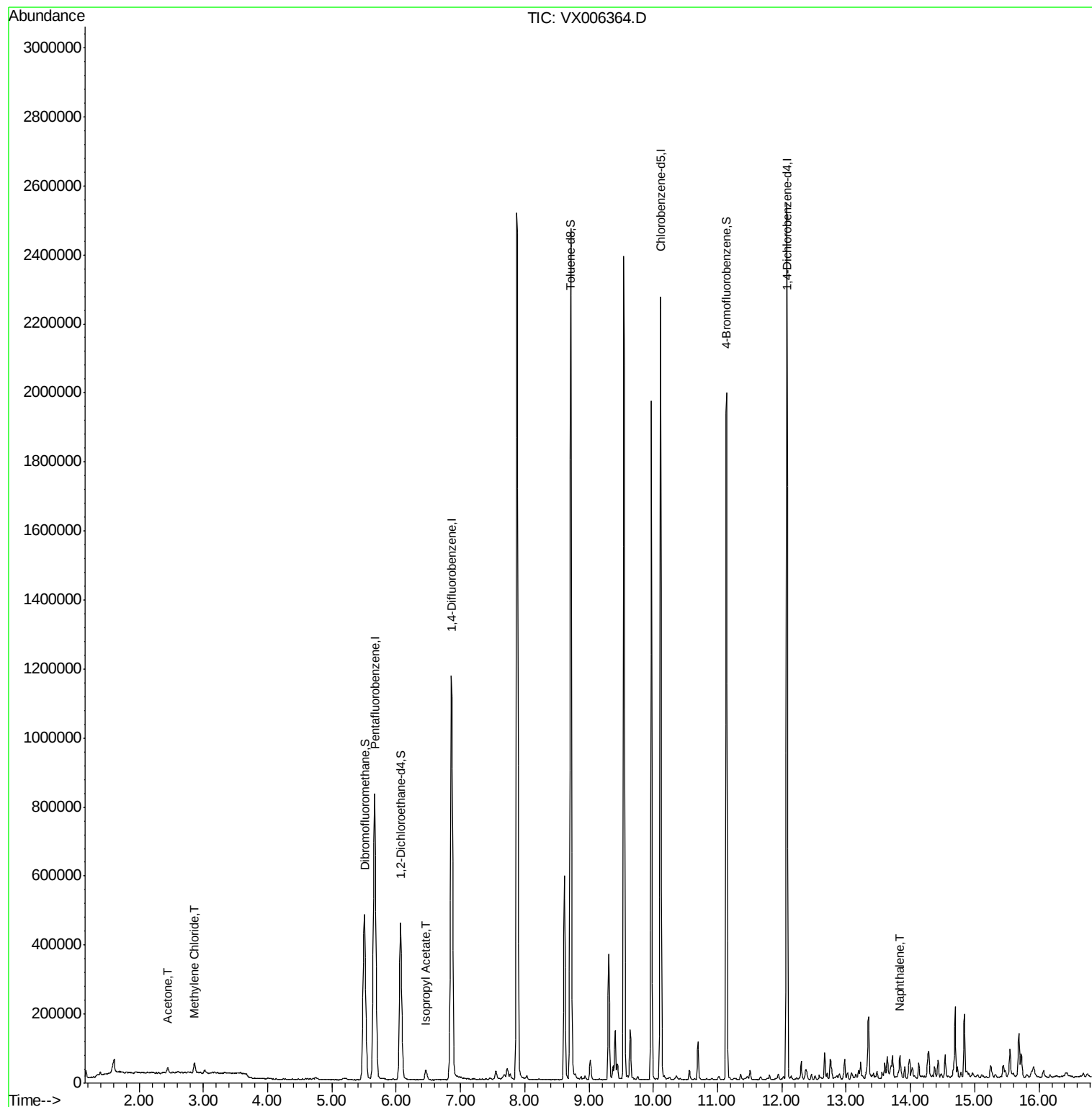
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	881931	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	1297368	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	1143603	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	543471	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	419080	46.55	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.10%	
35) Dibromofluoromethane	5.51	113	410619	48.88	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.76%	
50) Toluene-d8	8.71	98	1495940	48.96	ug/l	0.00
Spiked Amount 50.000			Recovery	=	97.92%	
62) 4-Bromofluorobenzene	11.13	95	536850	46.63	ug/l	0.00
Spiked Amount 50.000			Recovery	=	93.26%	
Target Compounds						
16) Acetone	2.45	43	17808	4.215	ug/l	94
20) Methylene Chloride	2.86	84	13929	1.549	ug/l	91
43) Isopropyl Acetate	6.46	43	37798	1.853	ug/l	96
95) Naphthalene	13.83	128	43075	1.032	ug/l #	96

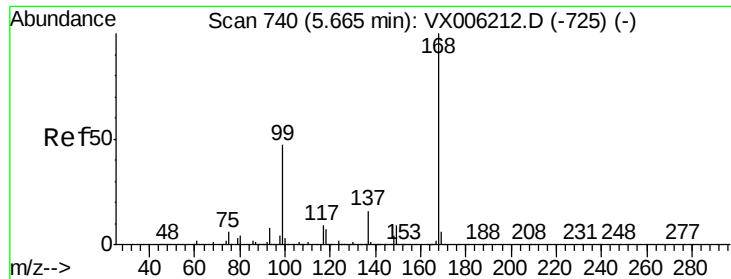
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Dec 11 04:15:20 2018
Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X112918W.M
Quant Title : SW846 8260
QLast Update : Fri Nov 30 03:55:33 2018
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: VX006364.D

Acq: 10 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

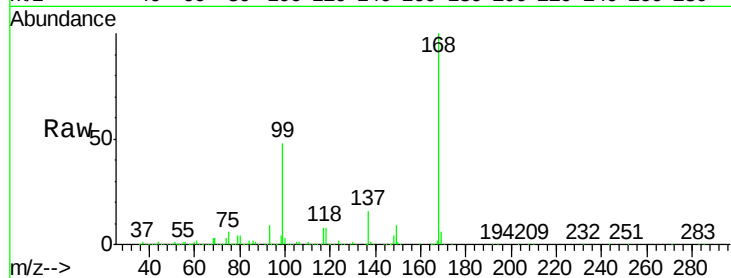
CB-1206-S-TCLP-GRID

Tot Ion:168 Resp: 881931

Ion Ratio Lower Upper

168 100

99 48.3 37.8 56.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

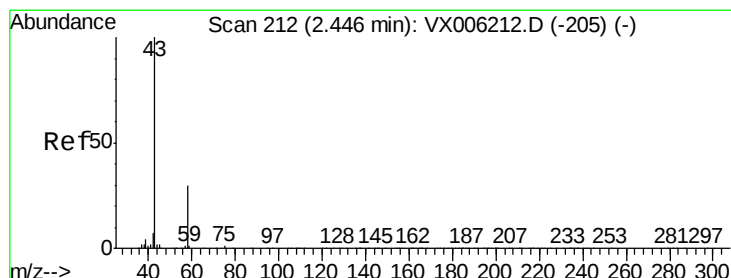
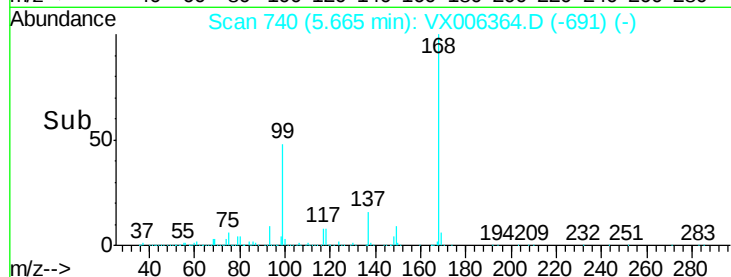
300000

200000

100000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 4.215 ug/l

RT: 2.45 min Scan# 212

Delta R.T. 0.00 min

Lab File: VX006364.D

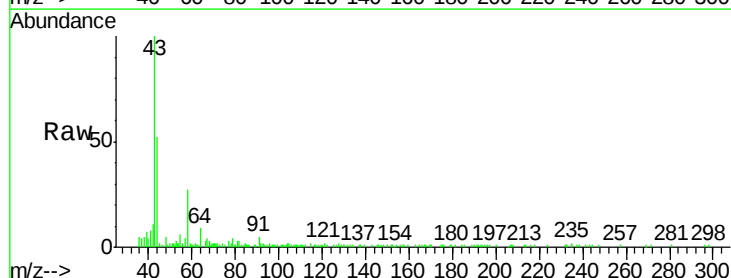
Acq: 10 Dec 2018 12:39

Tgt Ion: 43 Resp: 17808

Ion Ratio Lower Upper

43 100

58 26.6 24.0 36.0



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

12000

10000

8000

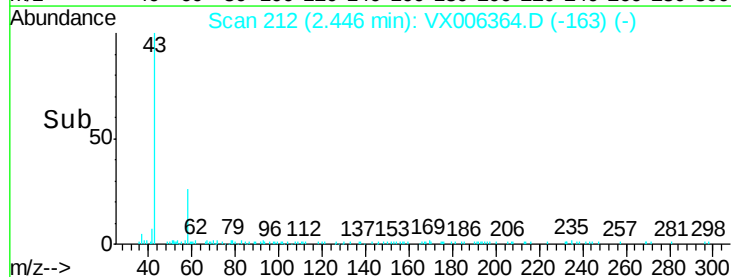
6000

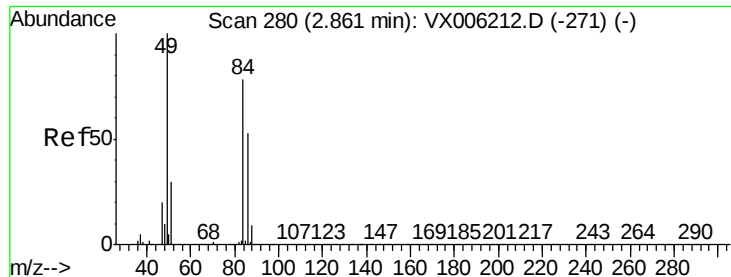
4000

2000

0

Time--> 2.35 2.40 2.45 2.50 2.55

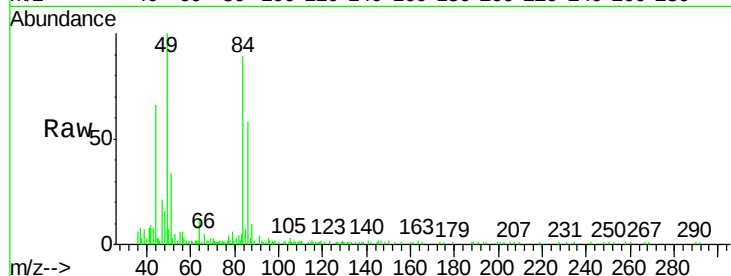




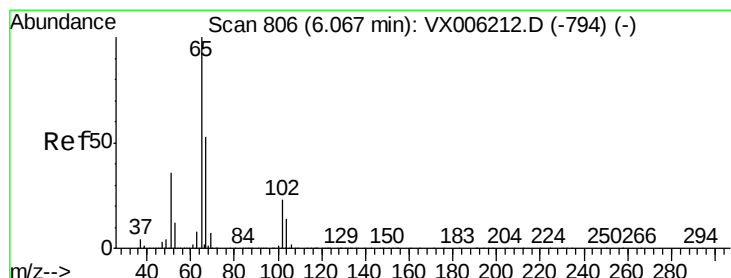
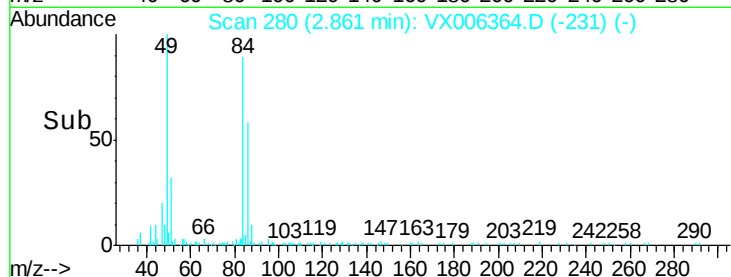
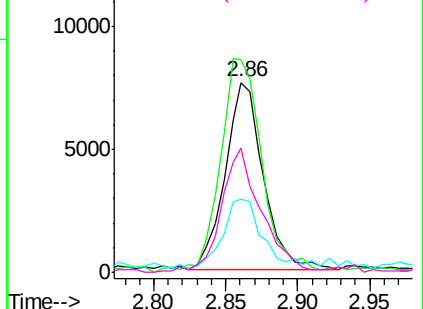
#20
Methvlene Chloride
Concen: 1.549 ug/l
RT: 2.86 min Scan# 280
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Instrument :
MSVOA_X
ClientSampleId :
CB-1206-S-TCLP-GRID

Tot Ion:	84	Resp:	13929
Ion	Ratio	Lower	Upper
84	100		
49	110.9	102.2	153.4
51	36.8	31.1	46.7
86	64.9	53.7	80.5

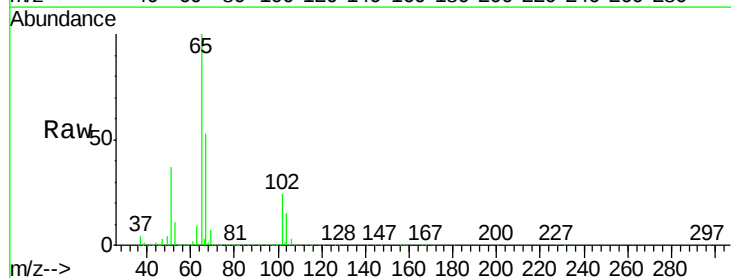


Abundance Ion 83.90 (83.60 to 84.60): VX0
Ion 48.90 (48.60 to 49.60): VX0
Ion 50.90 (50.60 to 51.60): VX0
Ion 85.90 (85.60 to 86.60): VX0

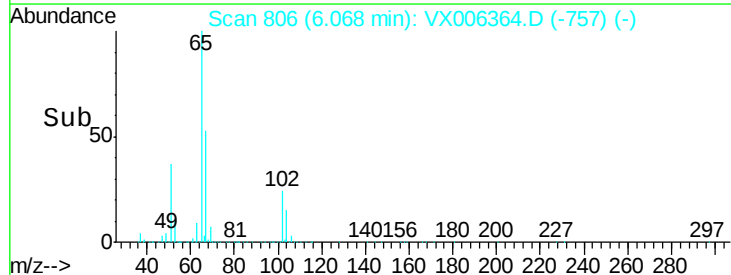
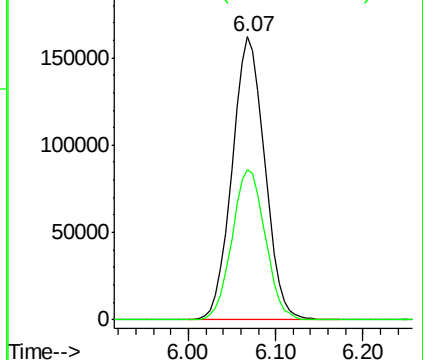


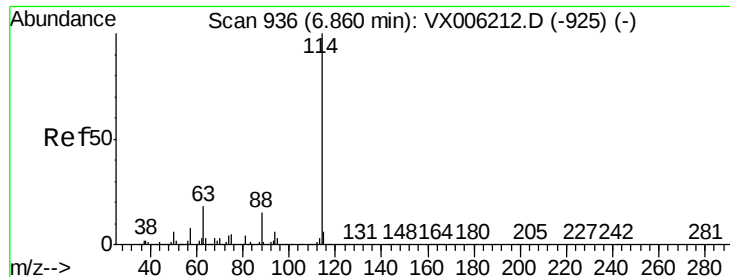
#33
1,2-Dichloroethane-d4
Concen: 46.548 ug/l
RT: 6.07 min Scan# 806
Delta R.T. 0.00 min
Lab File: VX006364.D
Acq: 10 Dec 2018 12:39

Tgt Ion:	65	Resp:	419080
Ion	Ratio	Lower	Upper
65	100		
67	54.0	0.0	107.2



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: VX006364.D

Acq: 10 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

CB-1206-S-TCLP-GRID

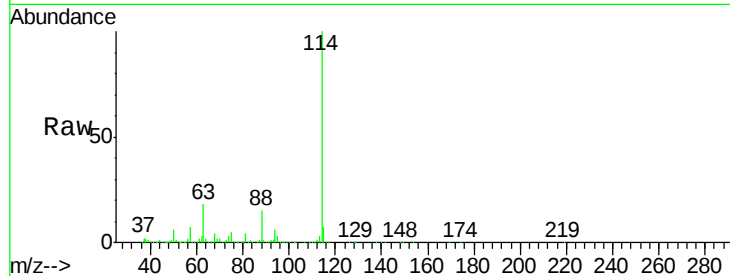
Tot Ion:114 Resp: 1297368

Ion Ratio Lower Upper

114 100

63 17.8 0.0 36.6

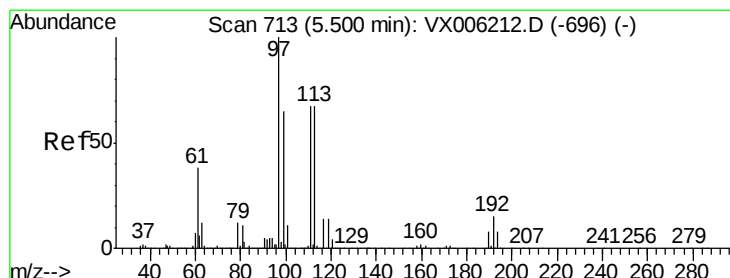
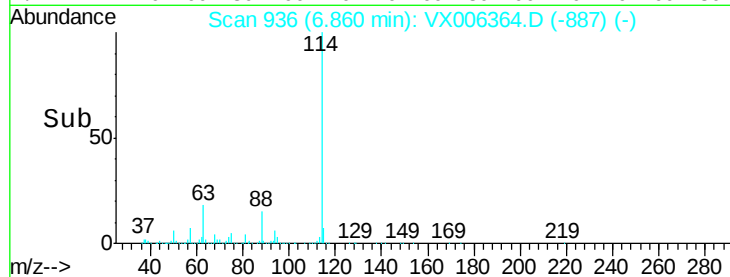
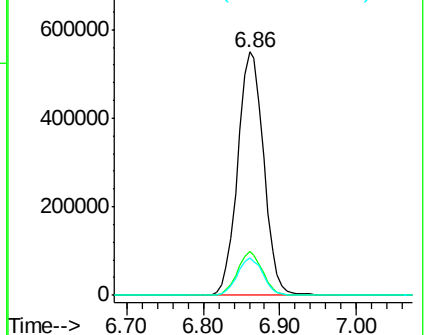
88 15.2 0.0 29.0



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: 48.883 ug/l

RT: 5.51 min Scan# 714

Delta R.T. 0.01 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

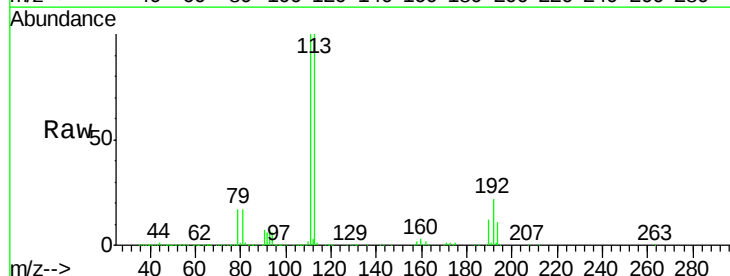
Tgt Ion:113 Resp: 410619

Ion Ratio Lower Upper

113 100

111 102.4 81.1 121.7

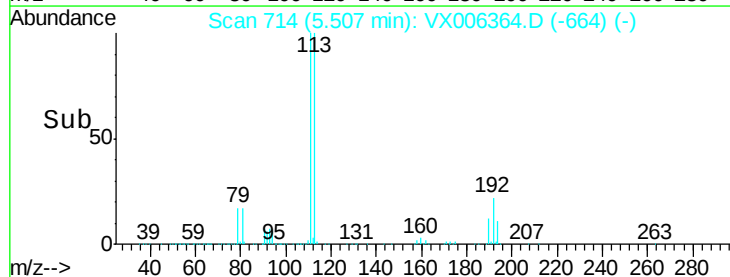
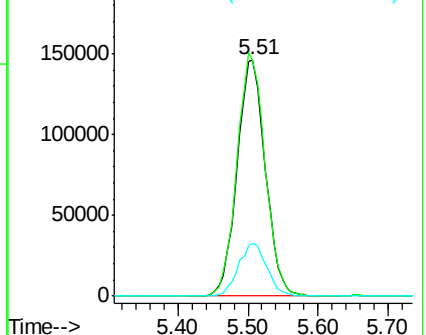
192 22.4 18.2 27.2

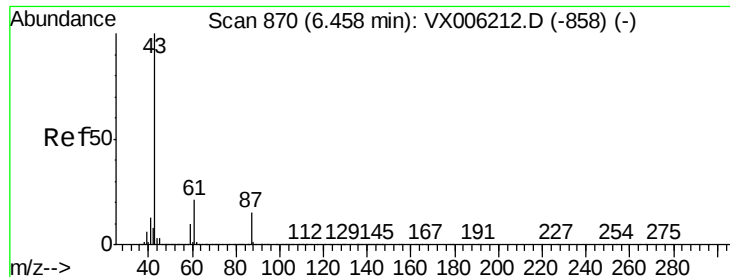


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#43

Isopropyl Acetate

Concen: 1.853 ug/l

RT: 6.46 min Scan# 871

Delta R.T. 0.01 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

CB-1206-S-TCLP-GRID

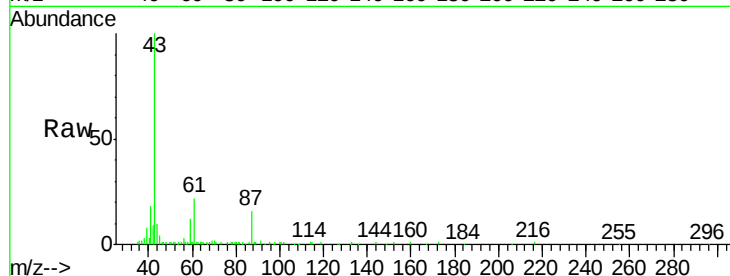
Tot Ion: 43 Resp: 37798

Ion Ratio Lower Upper

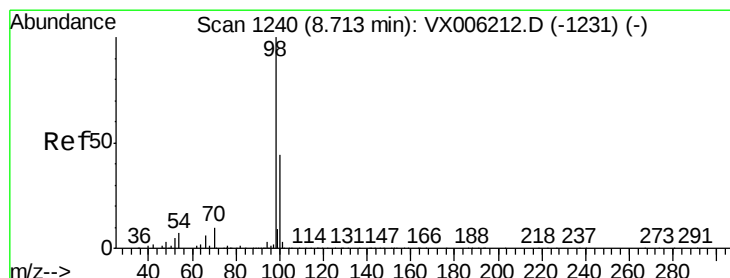
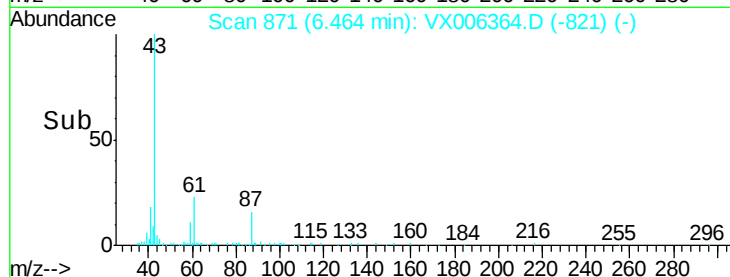
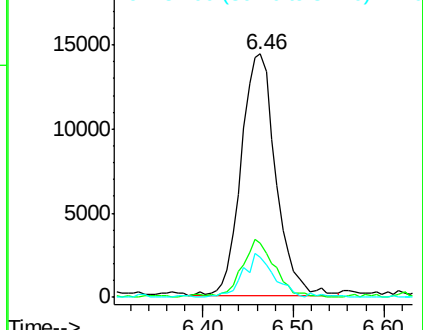
43 100

61 22.7 16.8 25.2

87 16.2 11.9 17.9



Abundance Ion 43.00 (42.70 to 43.70): VX0
Ion 61.00 (60.70 to 61.70): VX0
Ion 87.00 (86.70 to 87.70): VX0



#50

Toluene-d8

Concen: 48.960 ug/l

RT: 8.71 min Scan# 1240

Delta R.T. 0.00 min

Lab File: VX006364.D

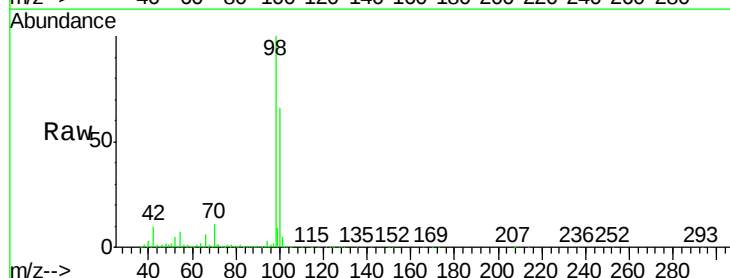
Acq: 10 Dec 2018 12:39

Tgt Ion: 98 Resp: 1495940

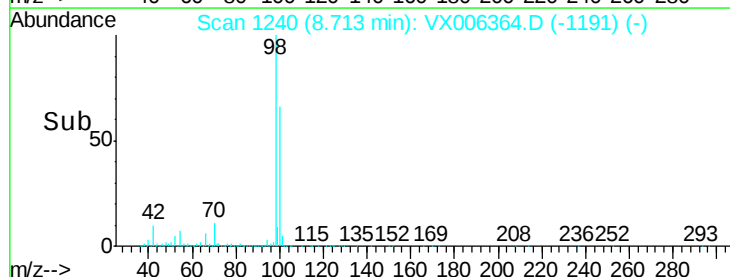
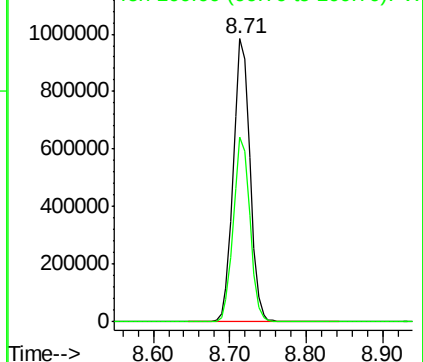
Ion Ratio Lower Upper

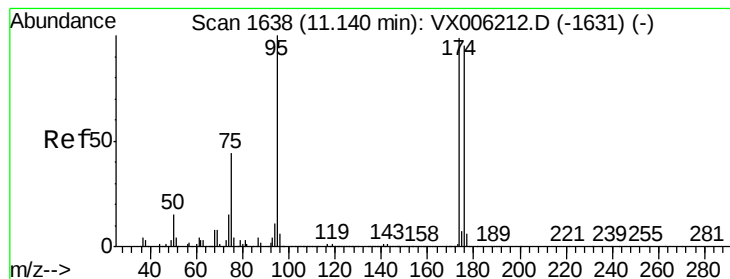
98 100

100 64.7 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): VX0





#62

4-Bromofluorobenzene

Concen: 46.627 ug/l

RT: 11.13 min Scan# 1637

Delta R.T. -0.01 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

CB-1206-S-TCLP-GRID

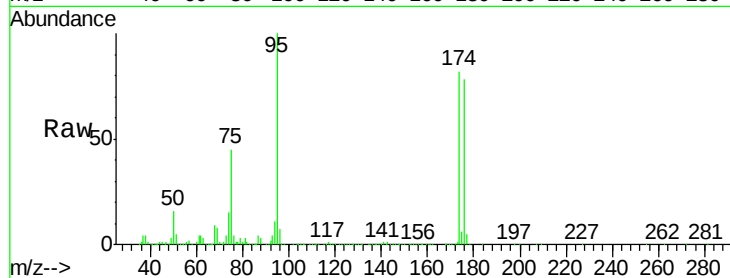
Tot Ion: 95 Resp: 536850

Ion Ratio Lower Upper

95 100

174 90.2 0.0 187.0

176 87.1 0.0 181.8

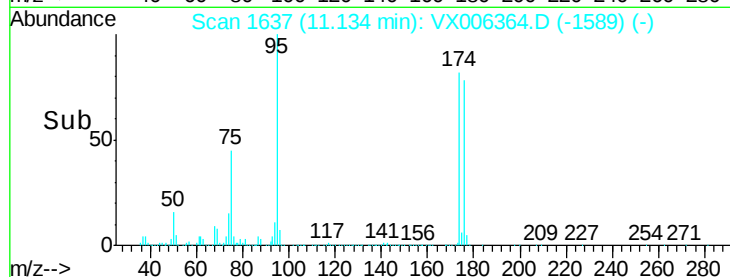


Abundance Ion 94.90 (94.60 to 95.60): VX006364.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006364.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006364.D (-1589) (-)

Time-->



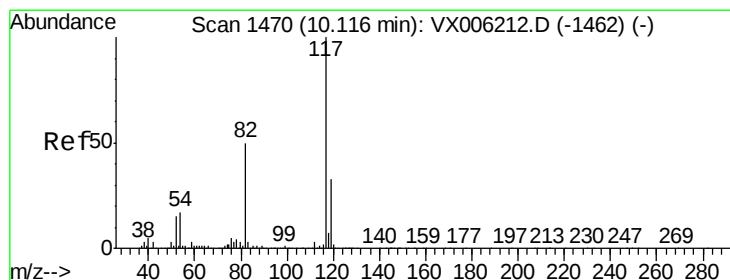
Abundance

Ion 94.90 (94.60 to 95.60): VX006364.D (-1589) (-)

Ion 173.80 (173.50 to 174.50): VX006364.D (-1589) (-)

Ion 175.80 (175.50 to 176.50): VX006364.D (-1589) (-)

Time-->



#63

Chlorobenzene-d5

Concen: 50.000 ug/l

RT: 10.12 min Scan# 1470

Delta R.T. 0.00 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

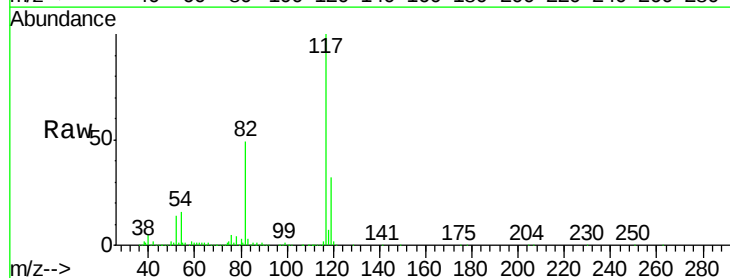
Tgt Ion: 117 Resp: 1143603

Ion Ratio Lower Upper

117 100

82 48.7 39.6 59.4

119 32.4 26.3 39.5

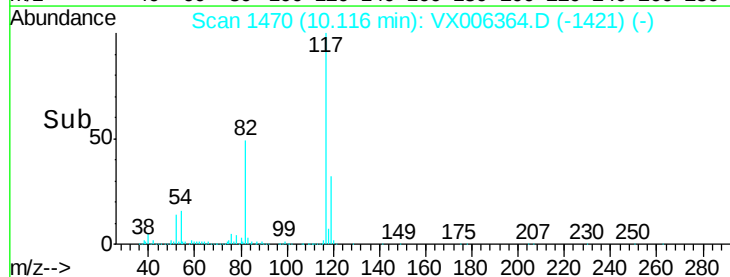


Abundance Ion 116.90 (116.60 to 117.60): VX006364.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006364.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006364.D (-1421) (-)

Time-->



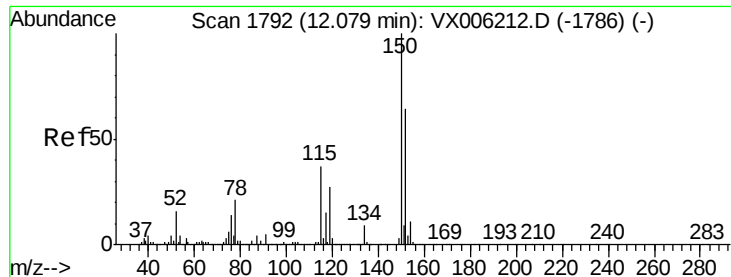
Abundance

Ion 116.90 (116.60 to 117.60): VX006364.D (-1421) (-)

Ion 82.00 (81.70 to 82.70): VX006364.D (-1421) (-)

Ion 118.90 (118.60 to 119.60): VX006364.D (-1421) (-)

Time-->



#72

1,4-Dichlorobenzene-d4

Concen: 50.000 ug/l

RT: 12.08 min Scan# 1792

Delta R.T. 0.00 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

Instrument :

MSVOA_X

ClientSampleId :

CB-1206-S-TCLP-GRID

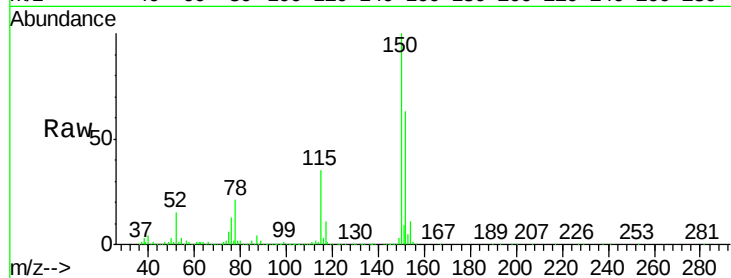
Tot Ion:152 Resp: 543471

Ion Ratio Lower Upper

152 100

115 55.7 39.0 116.9

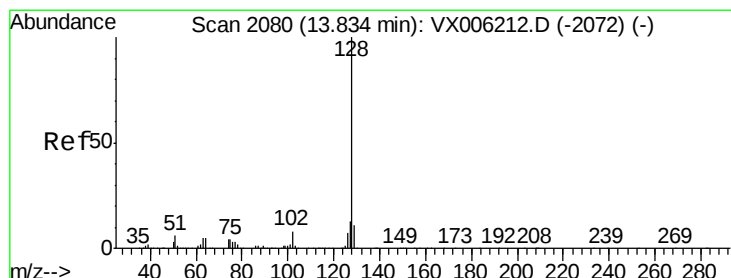
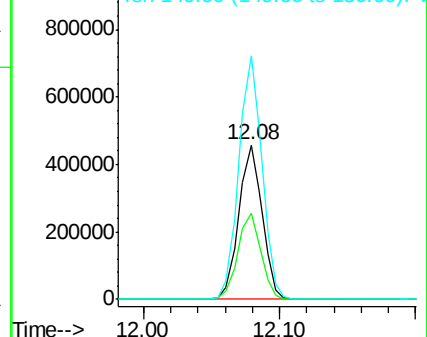
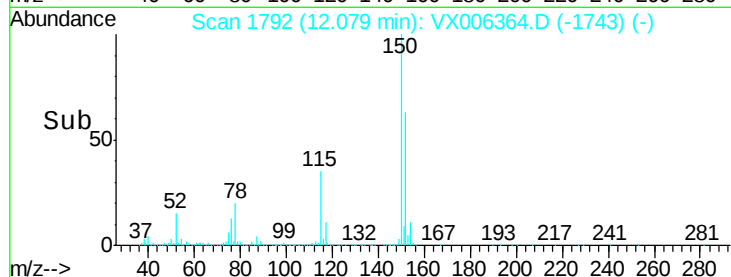
150 157.4 0.0 345.8



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



#95

Naphthalene

Concen: 1.032 ug/l

RT: 13.83 min Scan# 2080

Delta R.T. 0.00 min

Lab File: VX006364.D

Acq: 10 Dec 2018 12:39

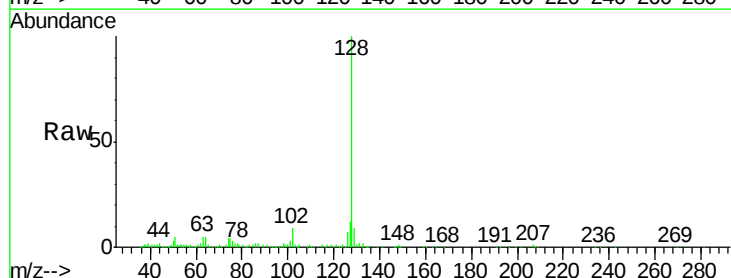
Tgt Ion:128 Resp: 43075

Ion Ratio Lower Upper

128 100

127 13.9 10.2 15.4

129 13.4 8.9 13.3#



Abundance Ion 128.00 (127.70 to 128.70): V

Ion 127.00 (126.70 to 127.70): V

Ion 129.00 (128.70 to 129.70): V

