

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004289.D
 Acq On : 29 Aug 2018 13:37
 Operator : JC/MD
 Sample : J4677-03
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(3)

Quant Time: Aug 30 04:26:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 23 05:39:44 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	280405	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	453638	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	429939	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	233788	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	198797	54.39	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	108.78%	
35) Dibromofluoromethane	5.50	113	173581	51.43	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	102.86%	
50) Toluene-d8	8.71	98	646481	50.75	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	101.50%	
62) 4-Bromofluorobenzene	11.14	95	227397	47.84	ug/l	0.00
Spiked Amount				50.000		
			Recovery	=	95.68%	

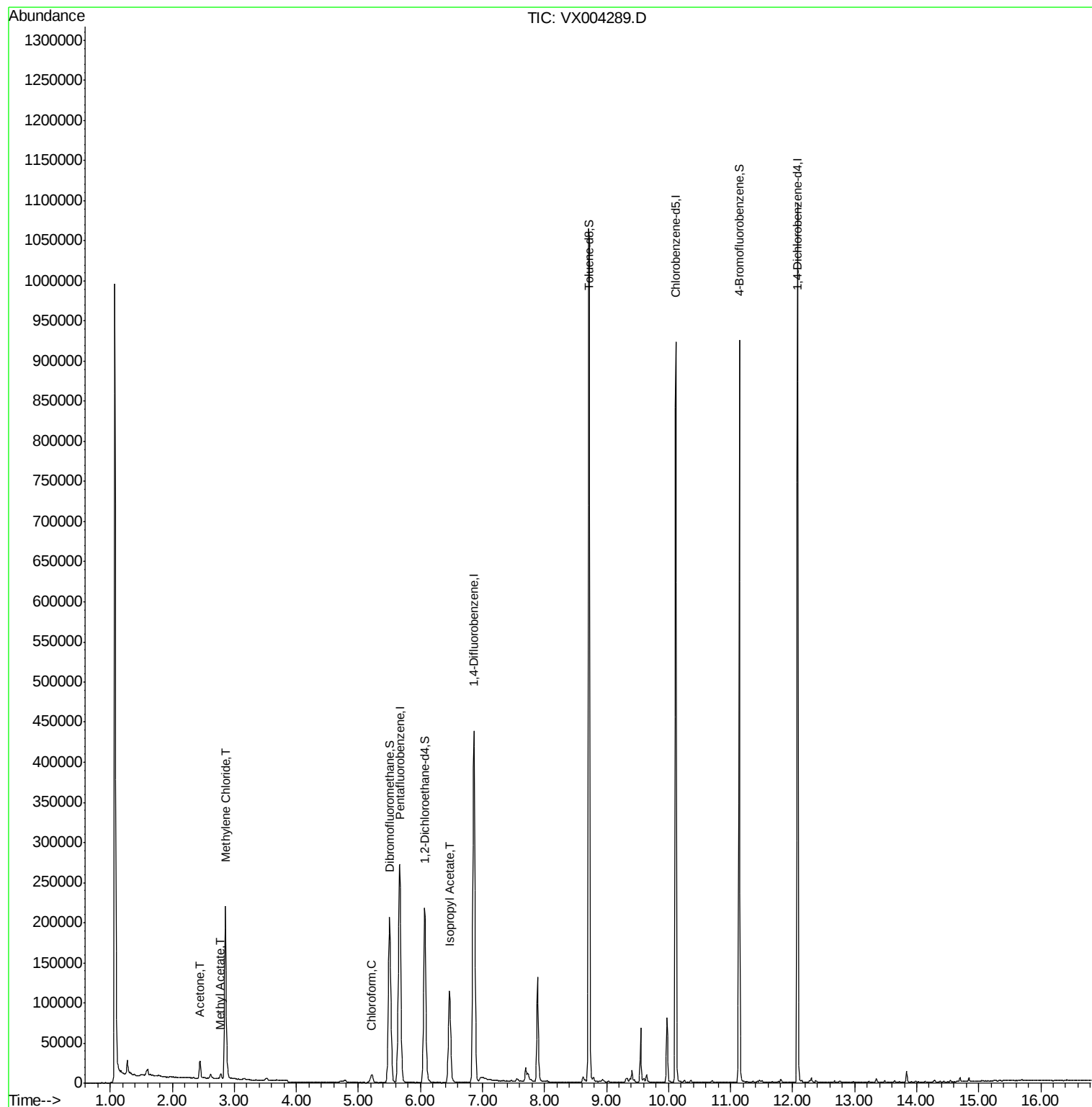
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
16) Acetone	2.45	43	23307	7.80	ug/l	100
18) Methyl Acetate	2.78	43	6957	1.28	ug/l	100
20) Methylene Chloride	2.86	84	101789	28.93	ug/l	97
30) Chloroform	5.21	83	11140	1.87	ug/l	97
43) Isopropyl Acetate	6.47	43	148565	19.28	ug/l	99

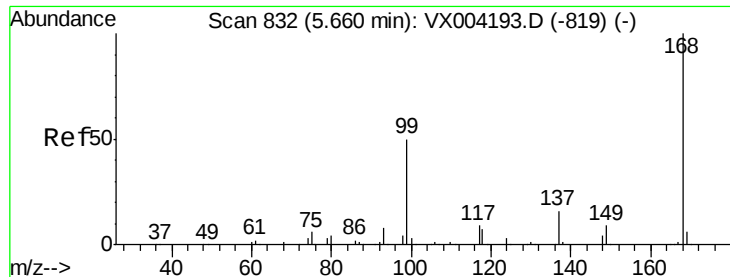
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004289.D

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Instrument :

MSVOA_X

ClientSampleId :

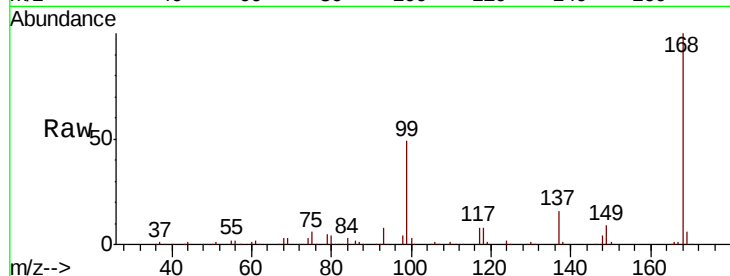
CB-0818-S-TCLP-GRID-42(3)

Tot Ion:168 Resp: 280405

Ion Ratio Lower Upper

168 100

99 48.9 39.9 59.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

120000

100000

80000

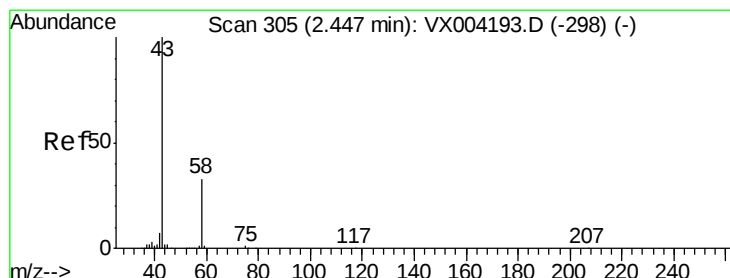
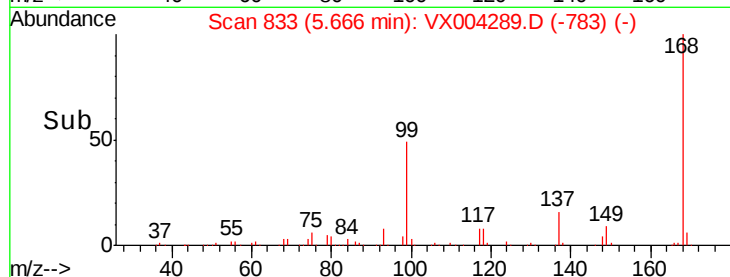
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#16

Acetone

Concen: 7.80 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004289.D

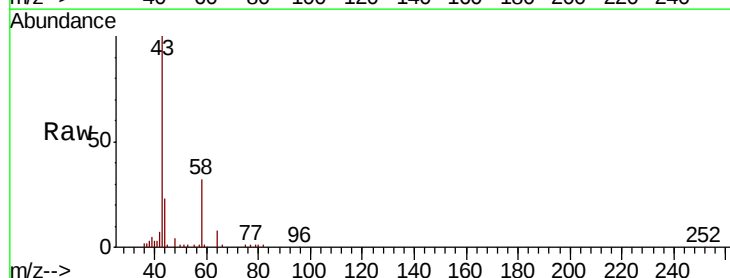
Acq: 29 Aug 2018 13:37

Tgt Ion: 43 Resp: 23307

Ion Ratio Lower Upper

43 100

58 32.7 26.2 39.4



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

2.45

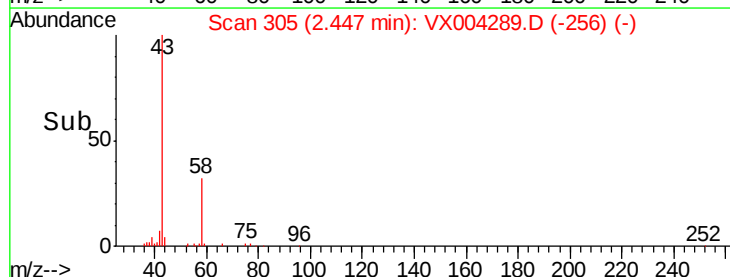
15000

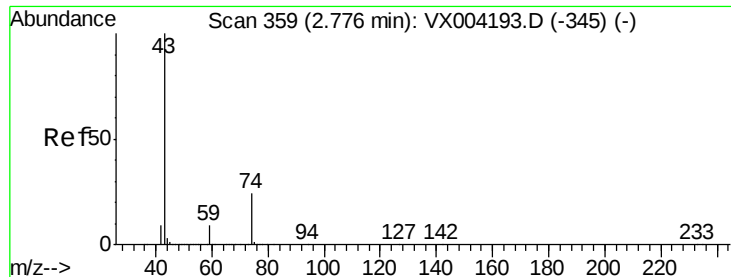
10000

5000

0

Time--> 2.40 2.50

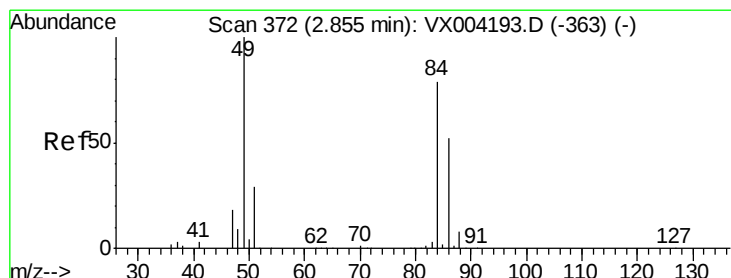
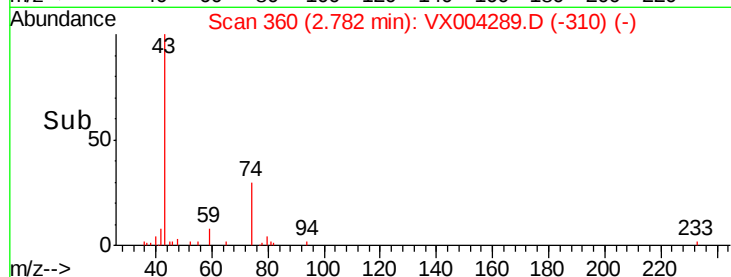
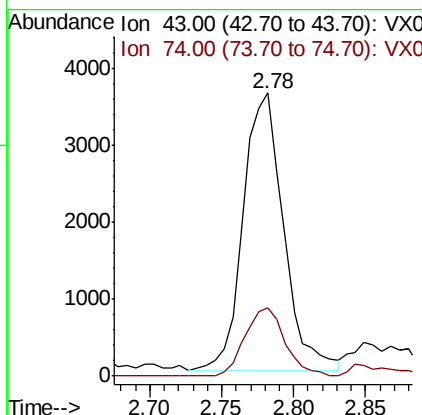
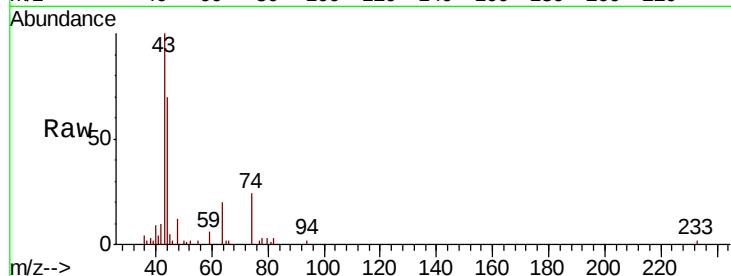




#18
Methvl Acetate
Concen: 1.28 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.01 min
Lab File: VX004289.D
Acq: 29 Aug 2018 13:37

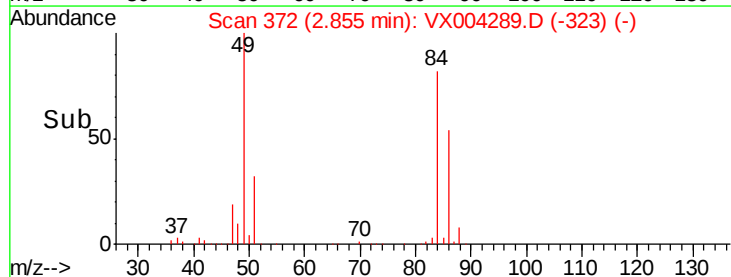
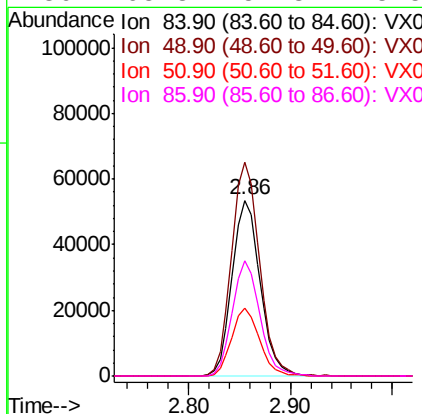
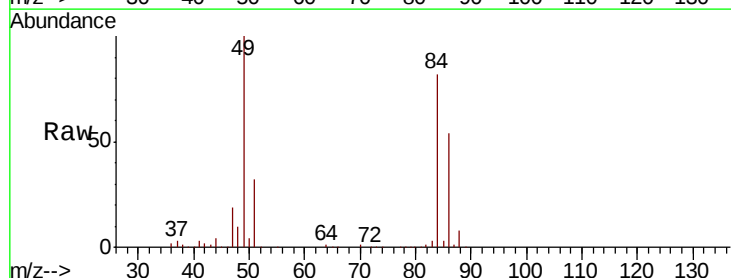
Instrument :
MSVOA_X
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CB-0818-S-TCLP-GRID-42(3)

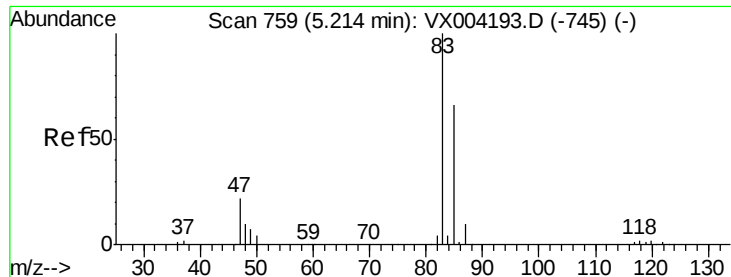
Tot Ion: 43 Resp: 6957
Ion Ratio Lower Upper
43 100
74 24.5 19.4 29.2



#20
Methylene Chloride
Concen: 28.93 ug/l
RT: 2.86 min Scan# 372
Delta R.T. 0.00 min
Lab File: VX004289.D
Acq: 29 Aug 2018 13:37

Tgt Ion: 84 Resp: 101789
Ion Ratio Lower Upper
84 100
49 121.5 101.2 151.8
51 38.8 29.5 44.3
86 65.8 52.3 78.5

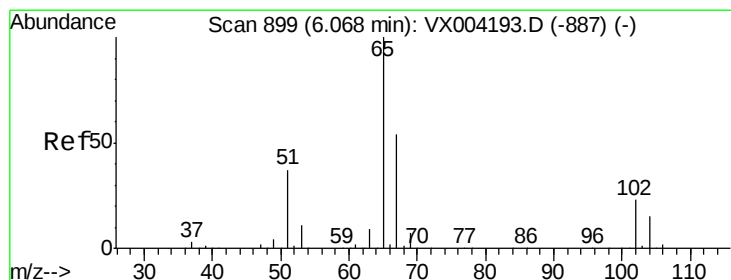
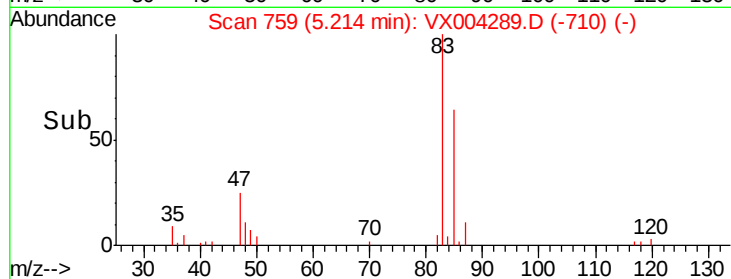
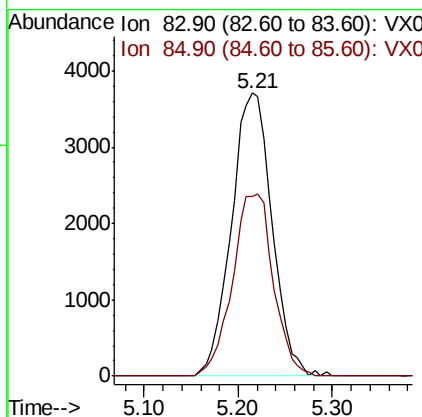
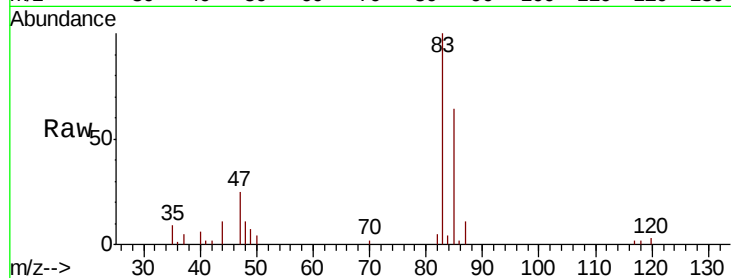




#30
Chloroform
Concen: 1.87 ug/l
RT: 5.21 min Scan# 759
Delta R.T. 0.00 min
Lab File: VX004289.D
Acq: 29 Aug 2018 13:37

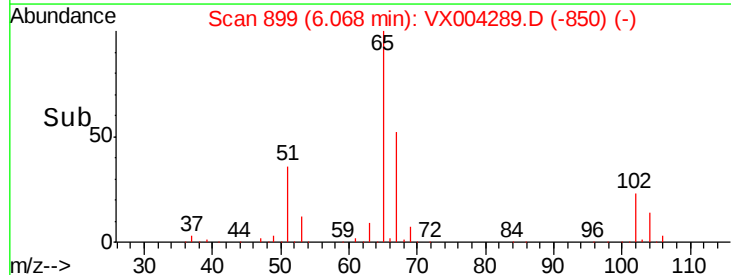
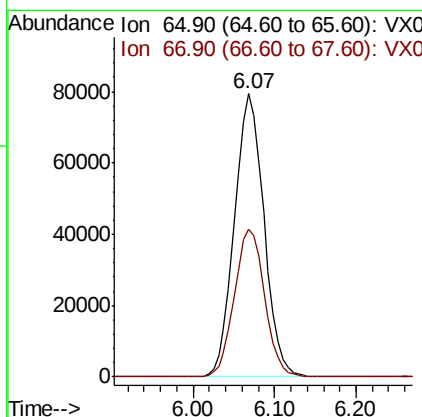
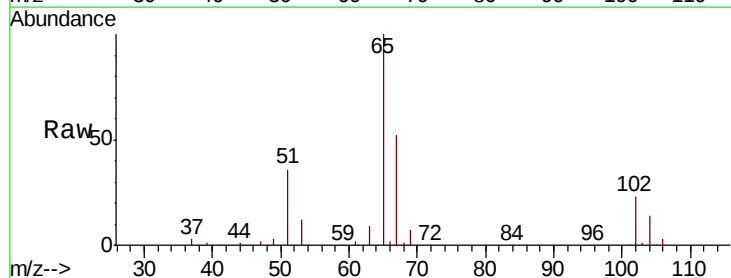
Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(3)

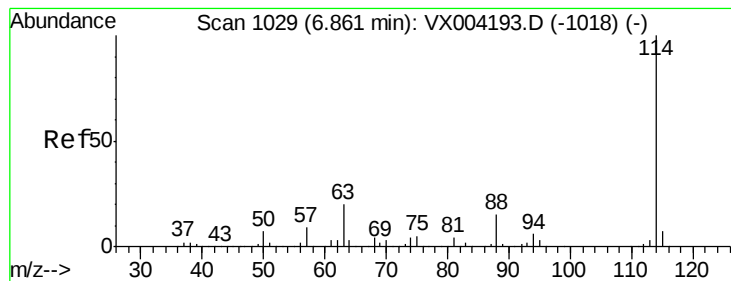
Tot Ion: 83 Resp: 11140
Ion Ratio Lower Upper
83 100
85 63.6 52.6 79.0



#33
1,2-Dichloroethane-d4
Concen: 54.39 ug/l
RT: 6.07 min Scan# 899
Delta R.T. 0.00 min
Lab File: VX004289.D
Acq: 29 Aug 2018 13:37

Tgt Ion: 65 Resp: 198797
Ion Ratio Lower Upper
65 100
67 53.6 0.0 106.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.86 min Scan# 1029

Delta R.T. 0.00 min

Lab File: VX004289.D

Acq: 29 Aug 2018 13:37

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(3)

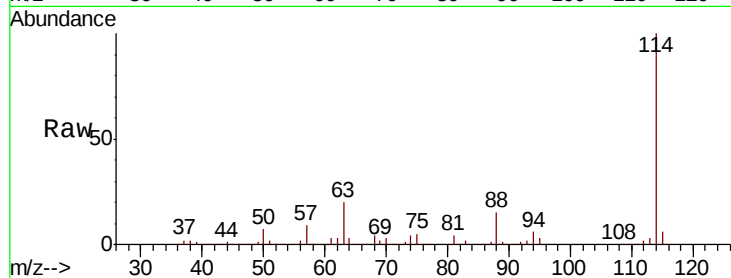
Tot Ion:114 Resp: 453638

Ion Ratio Lower Upper

114 100

63 19.7 0.0 39.0

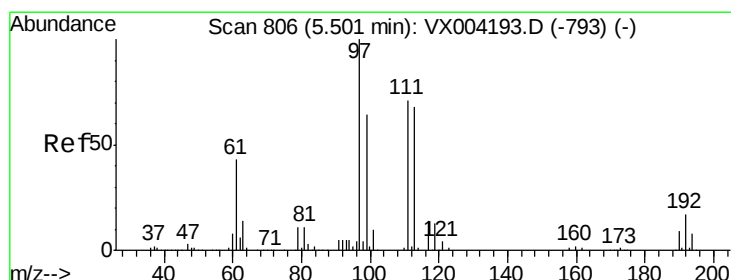
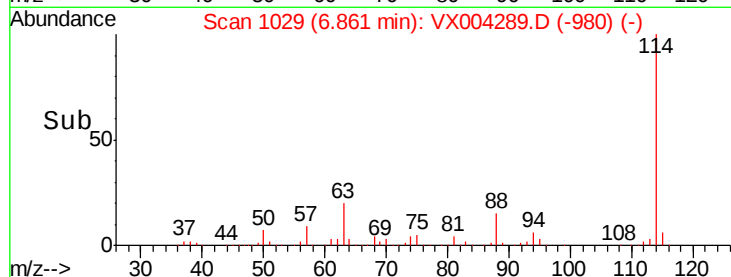
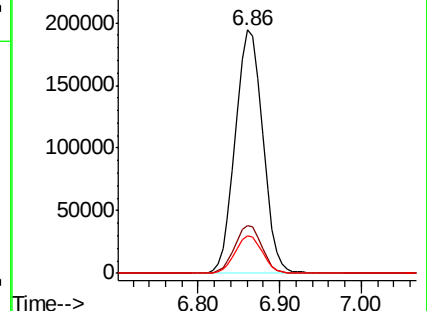
88 15.4 0.0 30.4



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: 51.43 ug/l

RT: 5.50 min Scan# 806

Delta R.T. 0.00 min

Lab File: VX004289.D

Acq: 29 Aug 2018 13:37

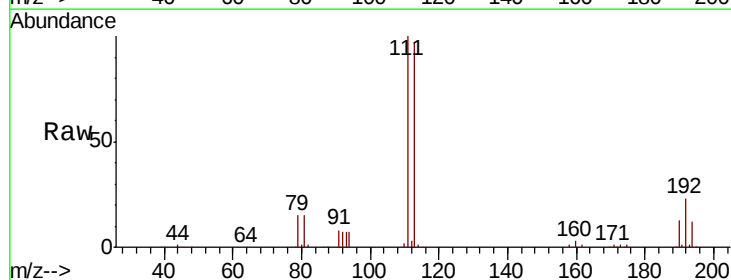
Tgt Ion:113 Resp: 173581

Ion Ratio Lower Upper

113 100

111 102.9 82.4 123.6

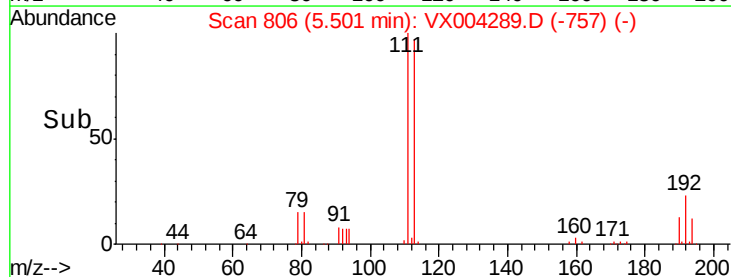
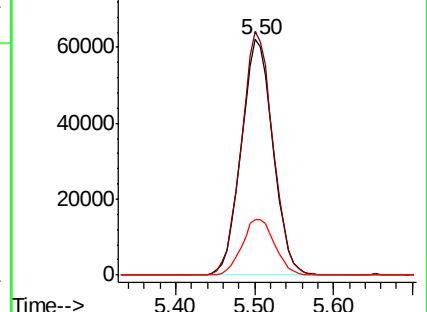
192 24.4 19.4 29.2

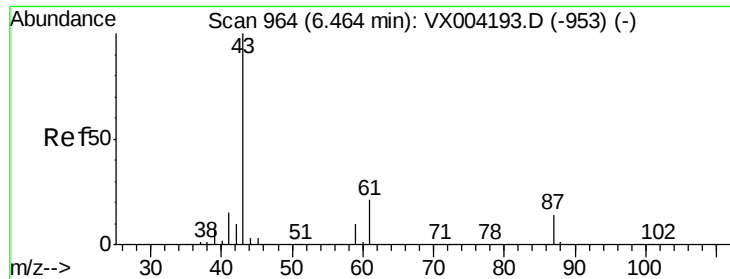


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V



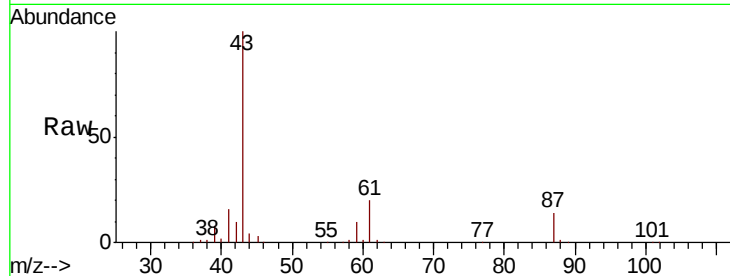


#43

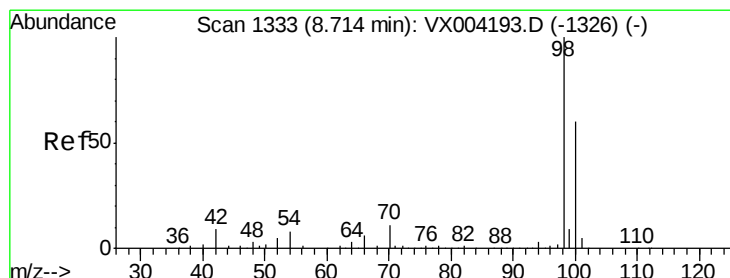
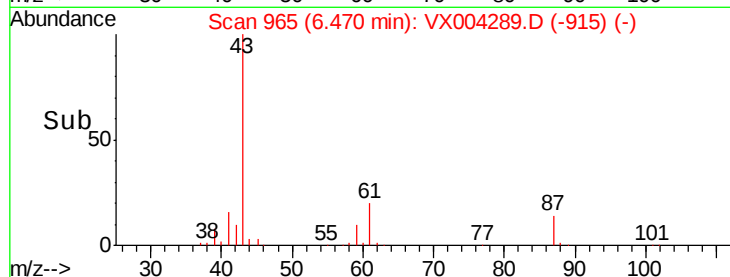
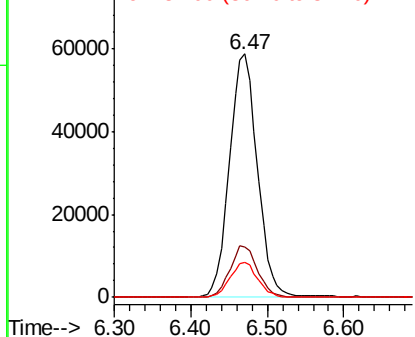
Isopropyl Acetate
 Concen: 19.28 ug/l
 RT: 6.47 min Scan# 965
 Delta R.T. 0.01 min
 Lab File: VX004289.D
 Acq: 29 Aug 2018 13:37

Instrument :
 MSVOA_X
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Tot Ion: 43 Resp: 148565
 Ion Ratio Lower Upper
 43 100
 61 20.9 17.0 25.4
 87 14.2 11.4 17.2



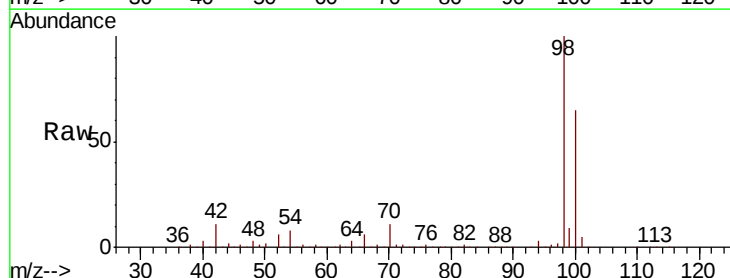
Abundance Ion 43.00 (42.70 to 43.70): VX0
 Ion 61.00 (60.70 to 61.70): VX0
 Ion 87.00 (86.70 to 87.70): VX0



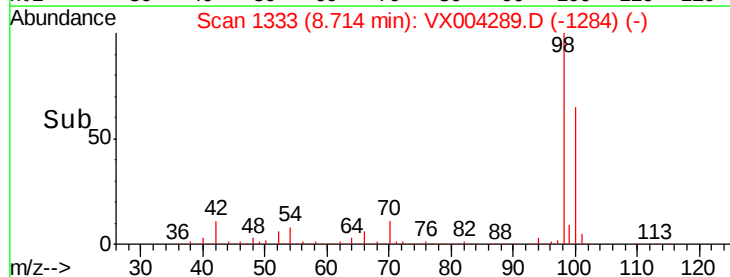
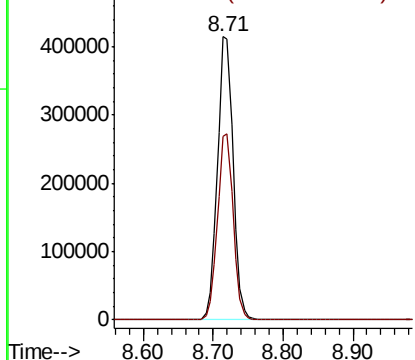
#50

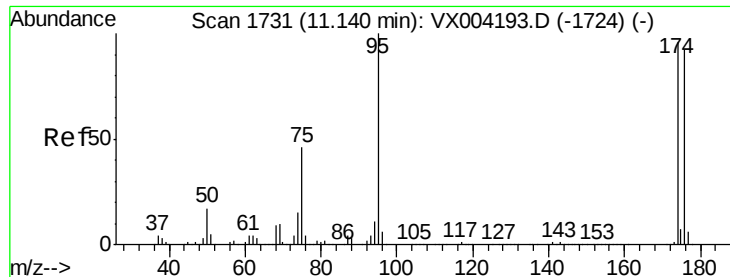
Toluene-d8
 Concen: 50.75 ug/l
 RT: 8.71 min Scan# 1333
 Delta R.T. 0.00 min
 Lab File: VX004289.D
 Acq: 29 Aug 2018 13:37

Tgt Ion: 98 Resp: 646481
 Ion Ratio Lower Upper
 98 100
 100 65.6 52.9 79.3



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





#62

4-Bromofluorobenzene

Concen: 47.84 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX004289.D

Acq: 29 Aug 2018 13:37

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CB-0818-S-TCLP-GRID-42(3)

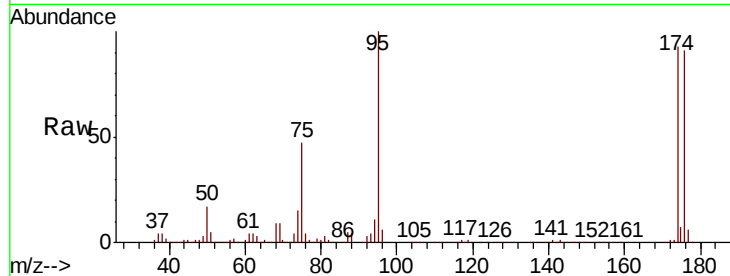
Tot Ion: 95 Resp: 227397

Ion Ratio Lower Upper

95 100

174 92.1 0.0 185.2

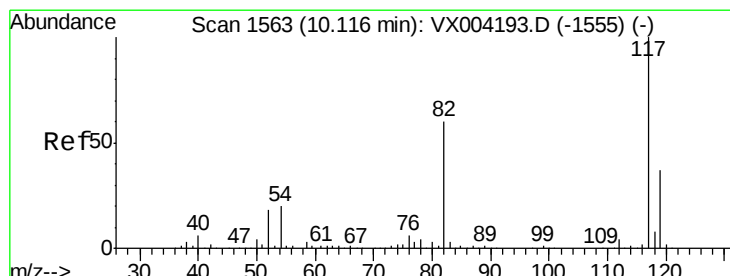
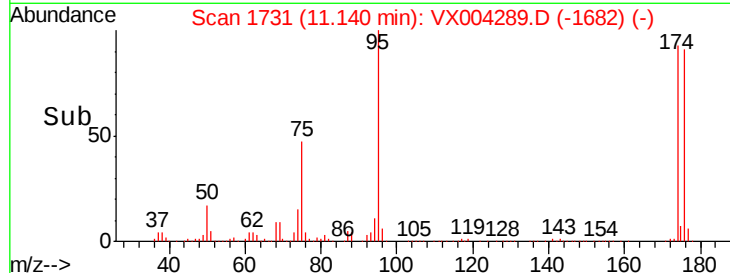
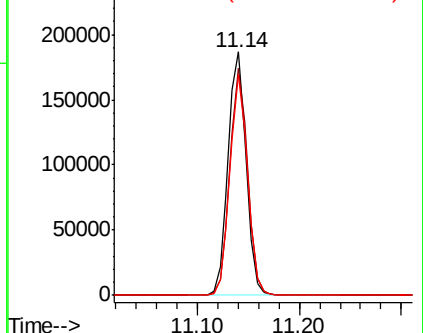
176 88.6 0.0 178.6



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: 50.00 ug/l

RT: 10.12 min Scan# 1563

Delta R.T. 0.00 min

Lab File: VX004289.D

Acq: 29 Aug 2018 13:37

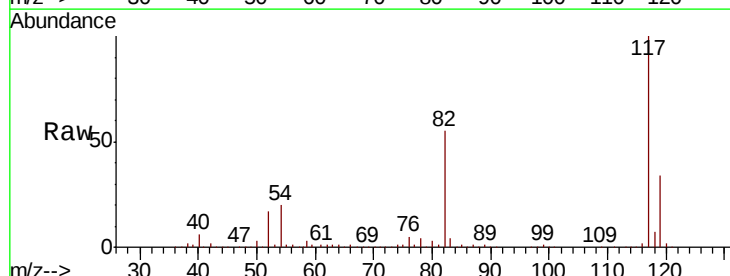
Tgt Ion: 117 Resp: 429939

Ion Ratio Lower Upper

117 100

82 54.9 47.8 71.6

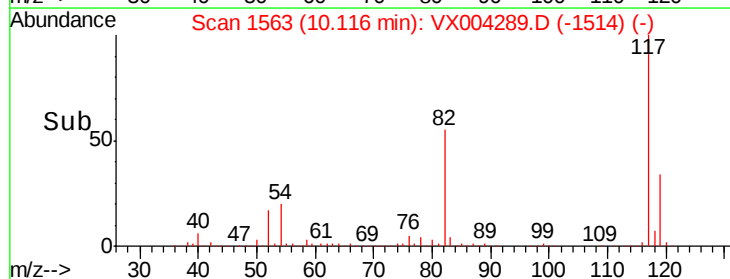
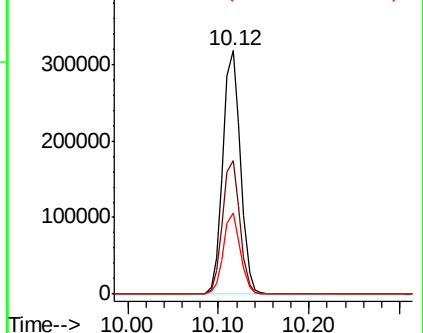
119 33.5 29.3 43.9

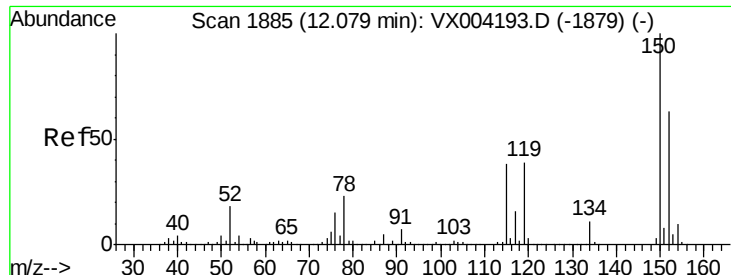


Abundance Ion 116.90 (116.60 to 117.60): V

Ion 82.00 (81.70 to 82.70): VX0

Ion 118.90 (118.60 to 119.60): V





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1885

Delta R.T. -0.00 min

Lab File: VX004289.D

Acq: 29 Aug 2018 13:37

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CB-0818-S-TCLP-GRID-42(3)

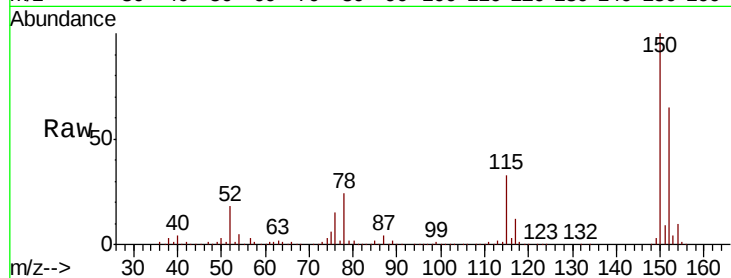
Tot Ion:152 Resp: 233788

Ion Ratio Lower Upper

152 100

115 52.3 39.0 117.0

150 152.3 0.0 351.0



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

