

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX082918\
 Data File : VX004306.D
 Acq On : 29 Aug 2018 22:04
 Operator : JC/MD
 Sample : J4677-01
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Quant Time: Aug 30 06:57:53 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	253181	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.86	114	407644	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	380404	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	201638	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	179497	54.39	ug/l	0.00
Spiked Amount			Recovery	=	108.78%	
35) Dibromofluoromethane	5.50	113	159075	52.45	ug/l	0.00
Spiked Amount			Recovery	=	104.90%	
50) Toluene-d8	8.72	98	585316	51.13	ug/l	0.00
Spiked Amount			Recovery	=	102.26%	
62) 4-Bromofluorobenzene	11.14	95	199988	46.82	ug/l	0.00
Spiked Amount			Recovery	=	93.64%	

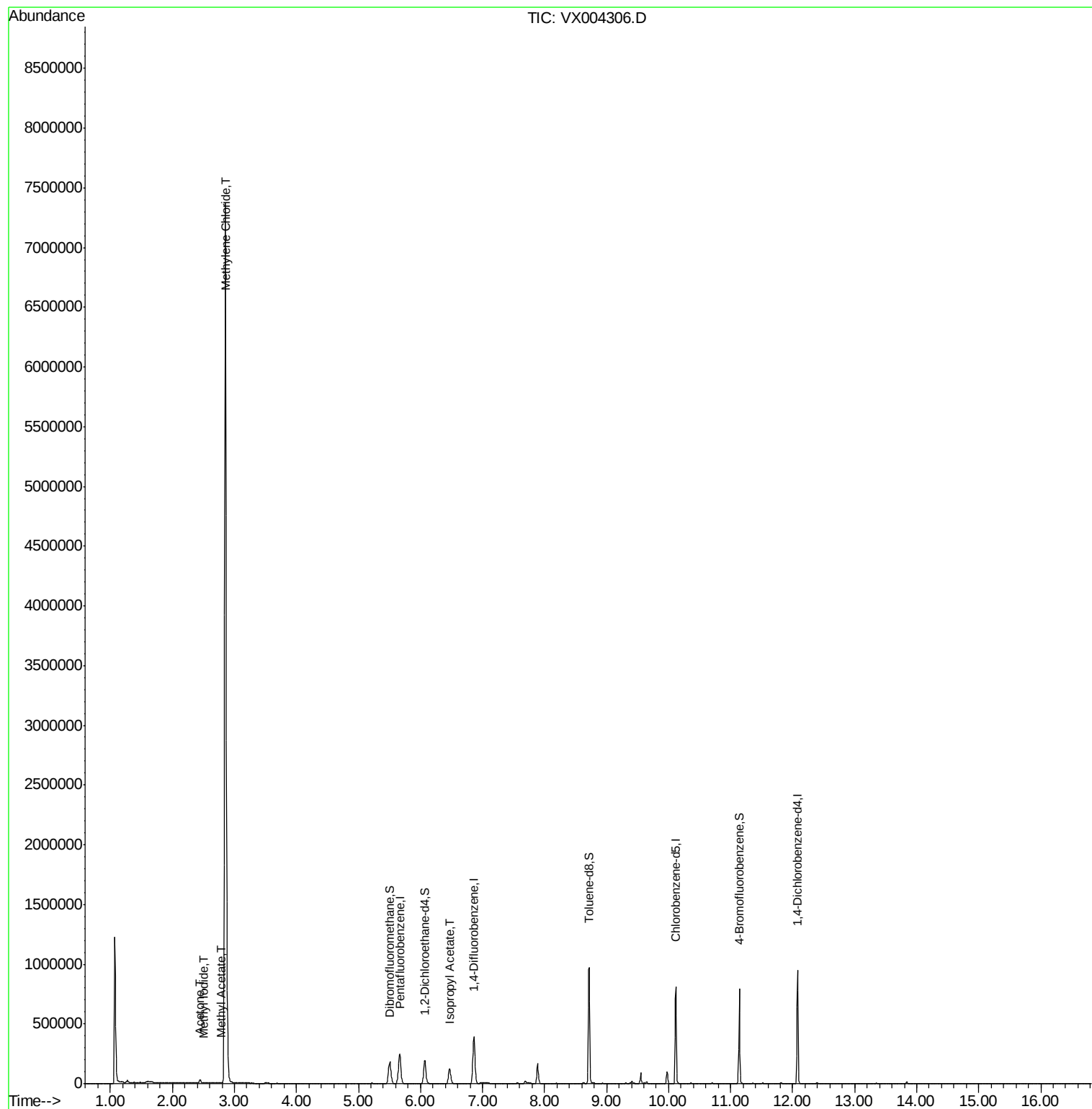
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Methyl Iodide	2.51	142	1820	4.78	ug/l	96
16) Acetone	2.45	43	28953	13.87	ug/l	99
18) Methyl Acetate	2.78	43	6402	1.31	ug/l	99
20) Methylene Chloride	2.85	84	3457373	1088.40	ug/l	97
43) Isopropyl Acetate	6.47	43	161774	23.36	ug/l	99

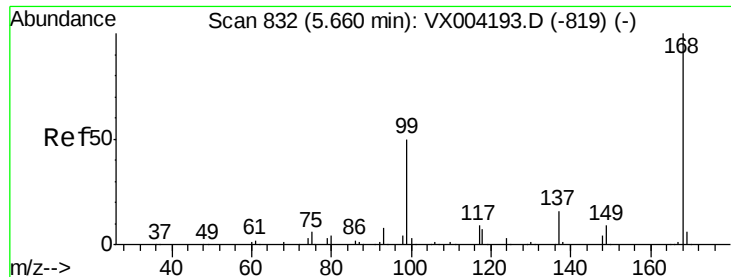
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Acq On : 29 Aug 2018 22:04
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CB-0818-S-TCLP-GRID-42(1)

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_X\METHOD\82X082218W.M
Quant Title : SW846 8260
QLast Update : Thu Aug 23 05:39:44 2018
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

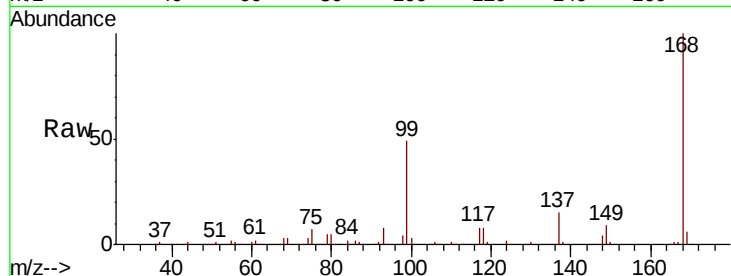
CB-0818-S-TCLP-GRID-42(1)

Tot Ion:168 Resp: 253181

Ion Ratio Lower Upper

168 100

99 49.5 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

100000

80000

60000

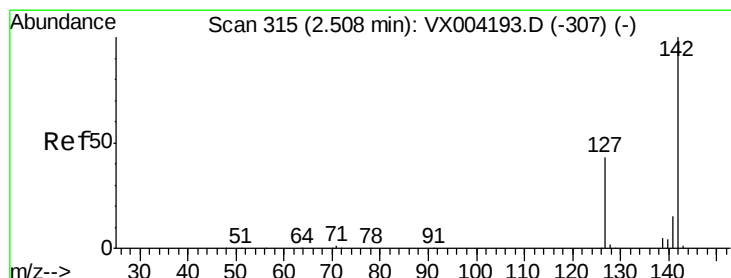
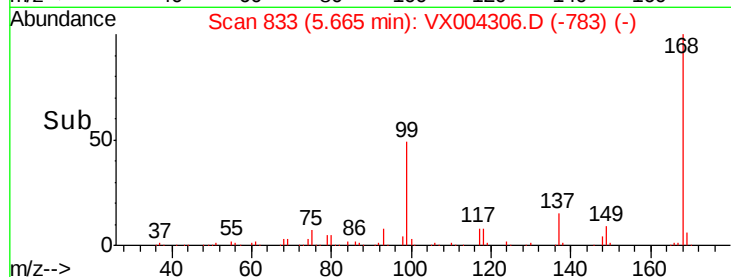
40000

20000

0

Time-->

5.50 5.60 5.70 5.80



#10

Methyl Iodide

Concen: 4.78 ug/l

RT: 2.51 min Scan# 316

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

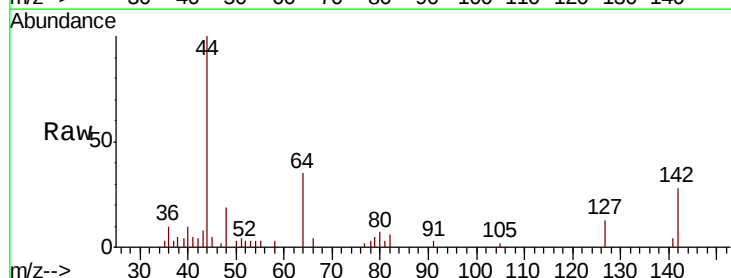
Tgt Ion:142 Resp: 1820

Ion Ratio Lower Upper

142 100

127 44.8 33.8 50.6

141 13.1 11.4 17.0



Abundance Ion 141.80 (141.50 to 142.50): V

Ion 126.80 (126.50 to 127.50): V

Ion 140.80 (140.50 to 141.50): V

1000

800

600

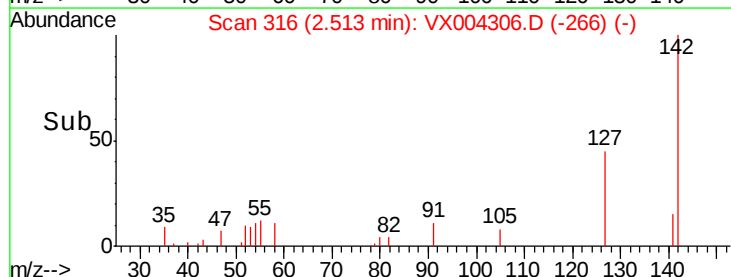
400

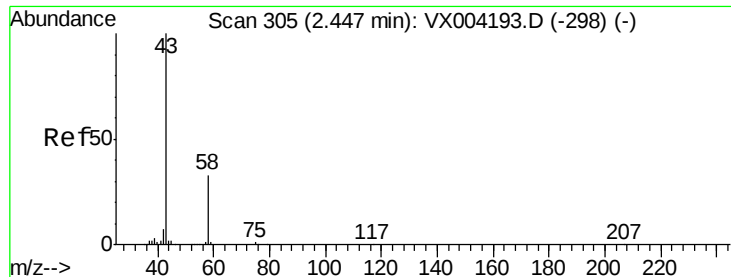
200

0

Time-->

2.45 2.50 2.55 2.60





#16

Acetone

Concen: 13.87 ug/l

RT: 2.45 min Scan# 305

Delta R.T. 0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

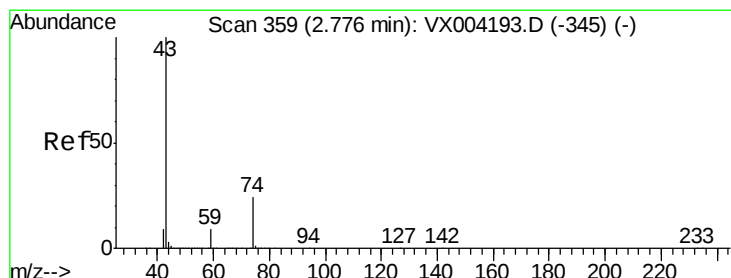
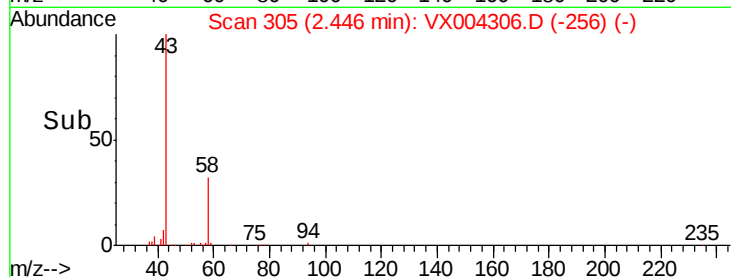
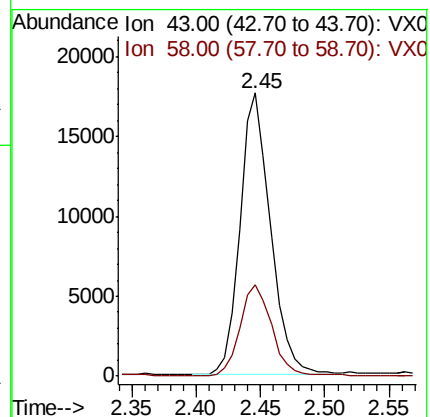
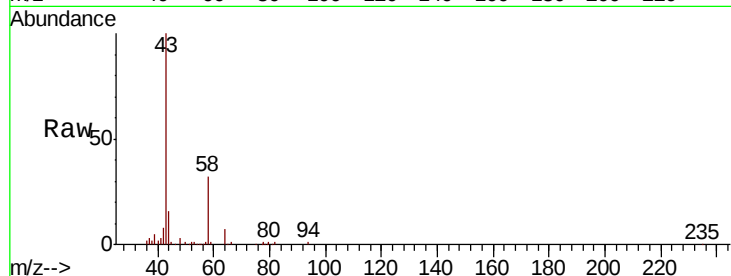
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 43 Resp: 28953

Ion Ratio Lower Upper

43 100

58 32.4 26.2 39.4



#18

Methyl Acetate

Concen: 1.31 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.01 min

Lab File: VX004306.D

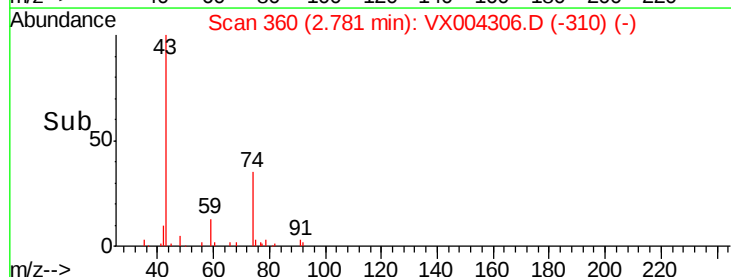
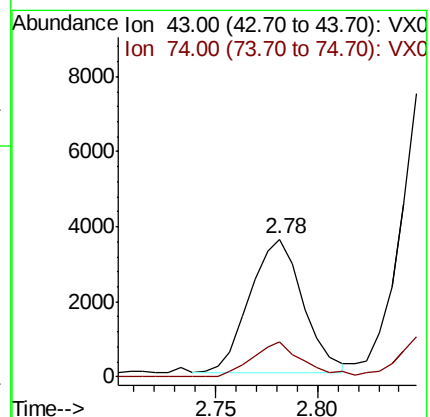
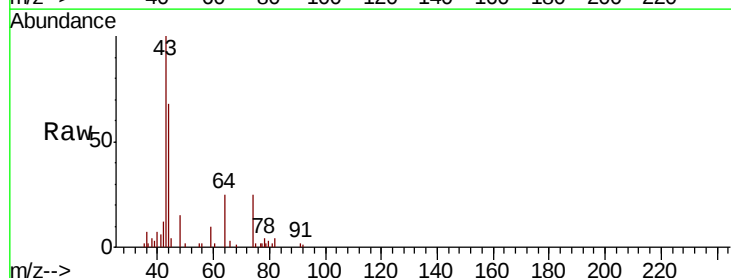
Acq: 29 Aug 2018 22:04

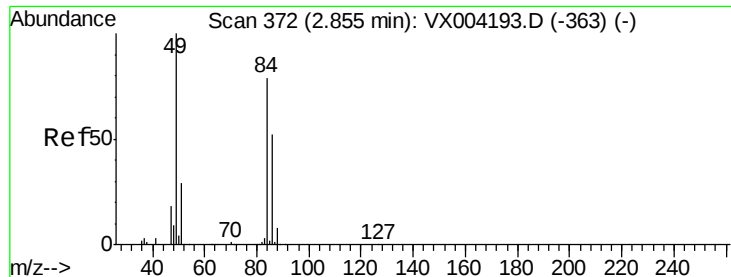
Tgt Ion: 43 Resp: 6402

Ion Ratio Lower Upper

43 100

74 25.0 19.4 29.2



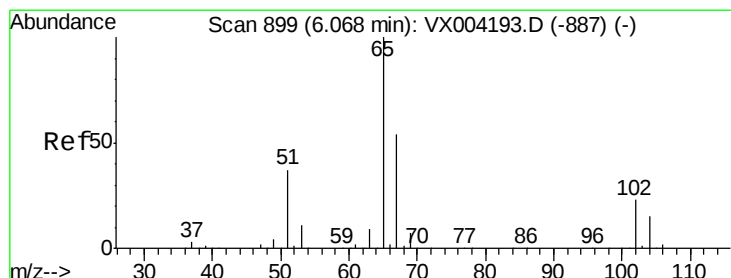
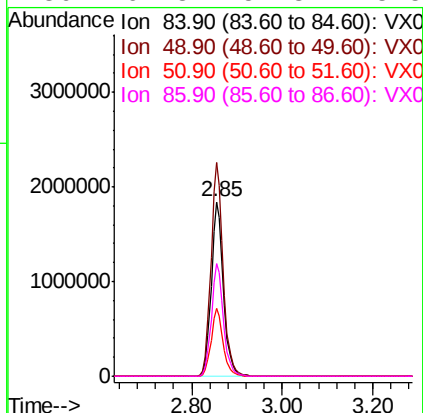
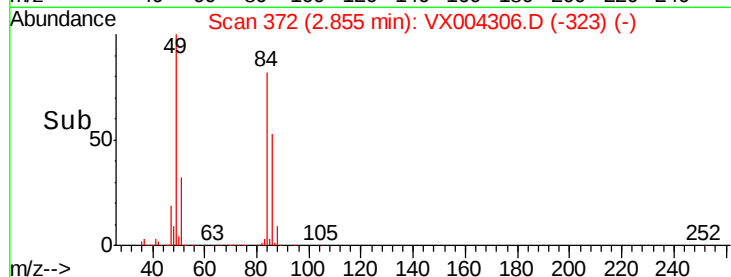
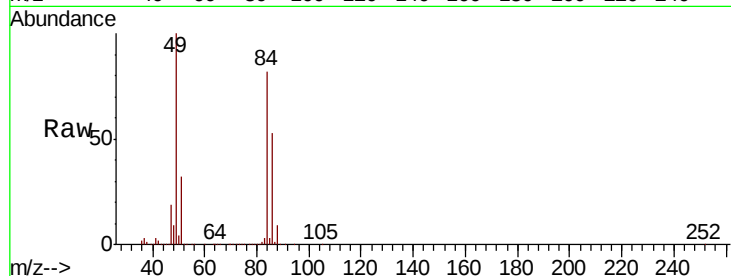


#20
Methylene Chloride
Concen: 1088.40 ug/l
RT: 2.85 min Scan# 372
Delta R.T. -0.00 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Instrument :
MSVOA_X
ClientSampleId :
CB-0818-S-TCLP-GRID-42(1)

Tot Ion: 84 Resp: 3457373

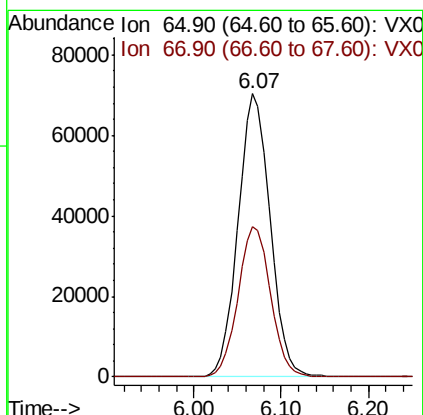
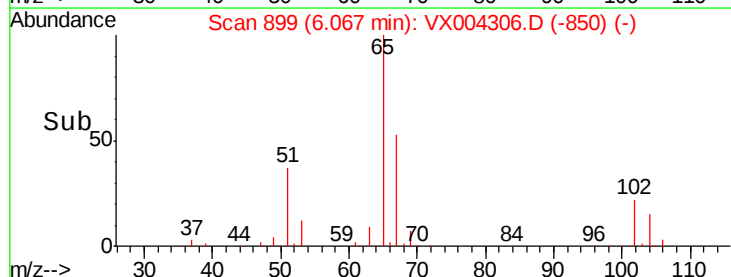
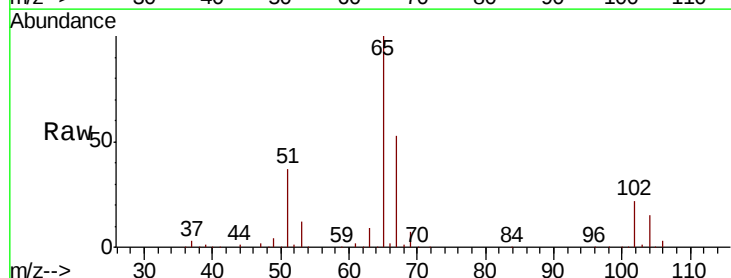
Ion	Ratio	Lower	Upper
84	100		
49	122.4	101.2	151.8
51	39.1	29.5	44.3
86	64.8	52.3	78.5

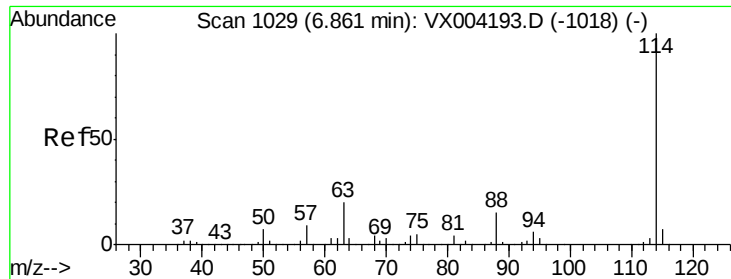


#33
1,2-Dichloroethane-d4
Concen: 54.39 ug/l
RT: 6.07 min Scan# 899
Delta R.T. -0.00 min
Lab File: VX004306.D
Acq: 29 Aug 2018 22:04

Tgt Ion: 65 Resp: 179497

Ion	Ratio	Lower	Upper
65	100		
67	53.9	0.0	106.8

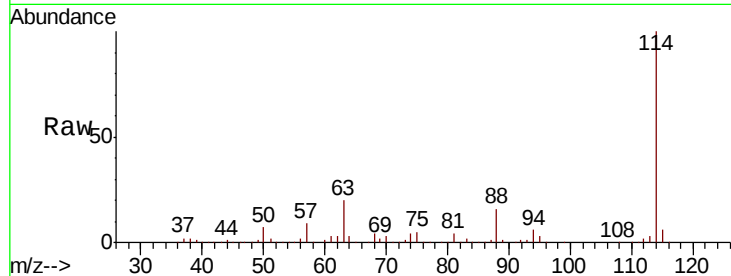




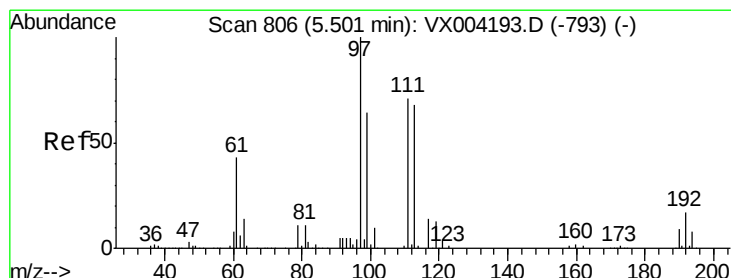
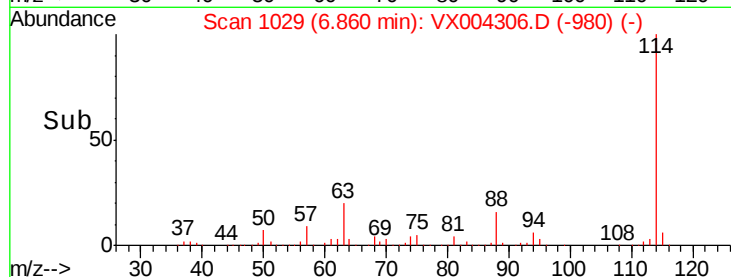
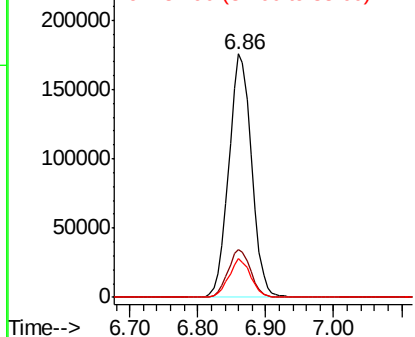
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.86 min Scan# 1029
 Delta R.T. -0.00 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-0818-S-TCLP-GRID-42(1)

Tot Ion:114 Resp: 407644
 Ion Ratio Lower Upper
 114 100
 63 19.6 0.0 39.0
 88 15.8 0.0 30.4

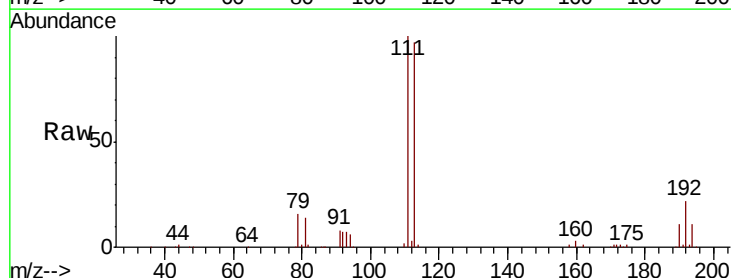


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

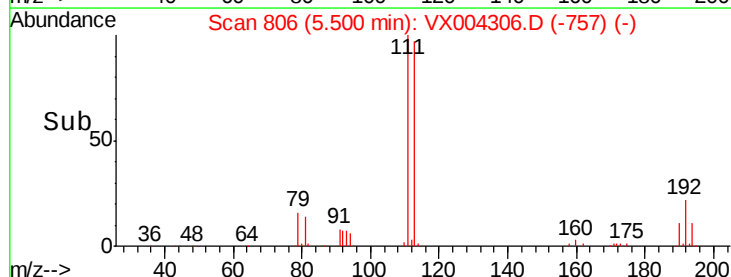
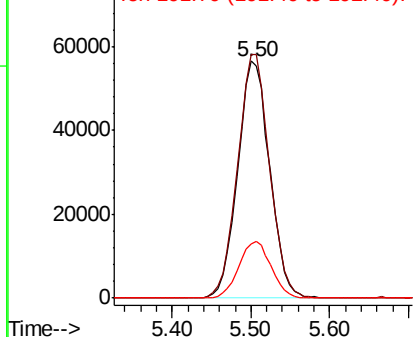


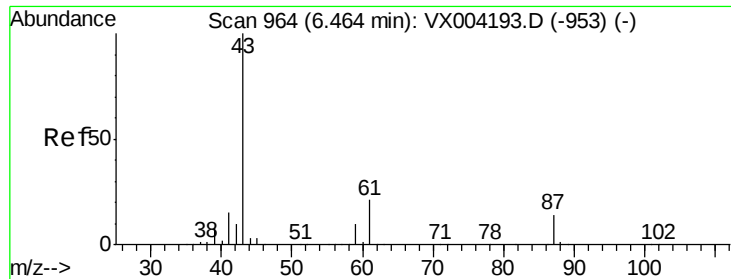
#35
 Dibromofluoromethane
 Concen: 52.45 ug/l
 RT: 5.50 min Scan# 806
 Delta R.T. -0.00 min
 Lab File: VX004306.D
 Acq: 29 Aug 2018 22:04

Tgt Ion:113 Resp: 159075
 Ion Ratio Lower Upper
 113 100
 111 102.8 82.4 123.6
 192 24.1 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: 23.36 ug/l

RT: 6.47 min Scan# 965

Delta R.T. 0.01 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

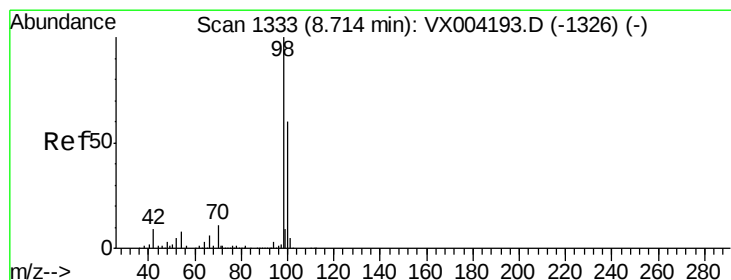
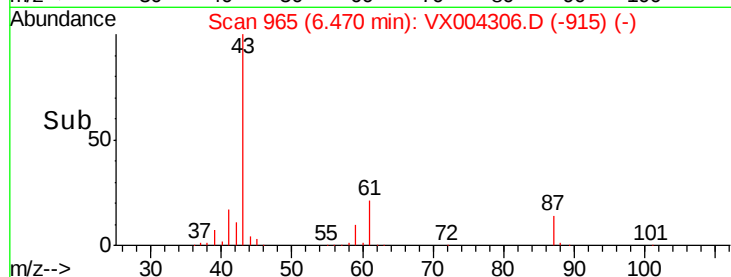
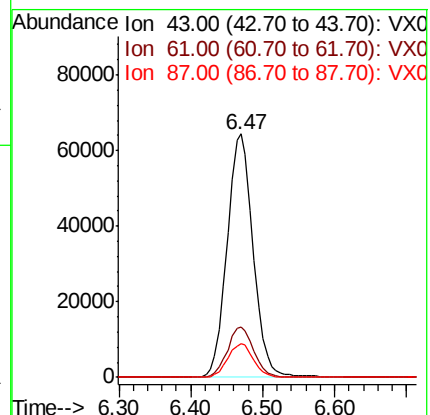
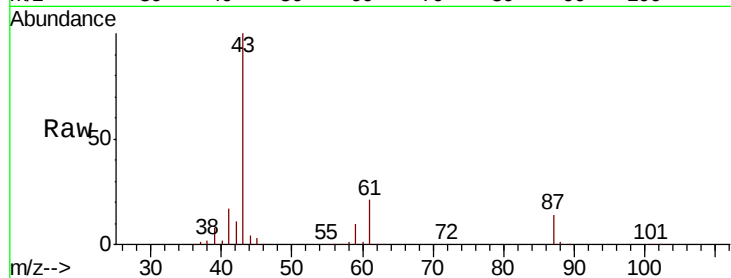
Tot Ion: 43 Resp: 161774

Ion Ratio Lower Upper

43 100

61 20.9 17.0 25.4

87 13.8 11.4 17.2



#50

Toluene-d8

Concen: 51.13 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.01 min

Lab File: VX004306.D

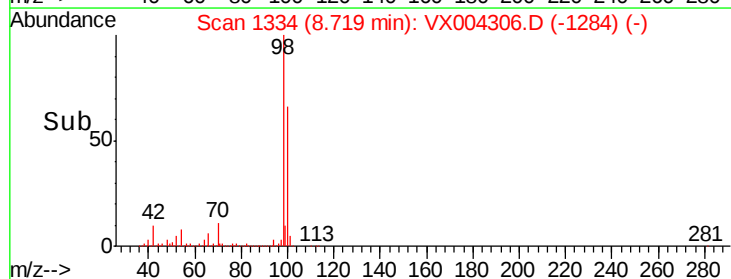
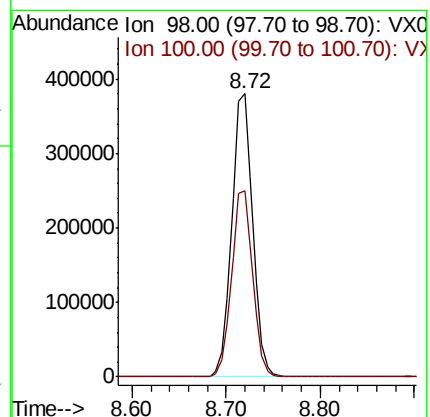
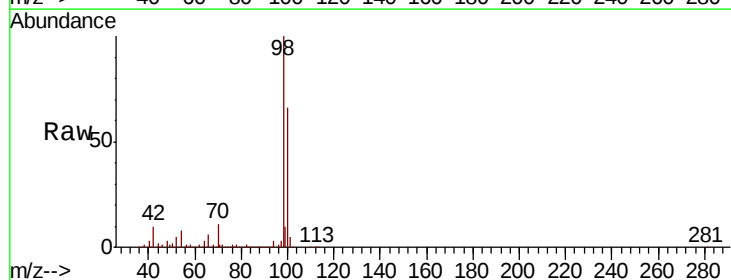
Acq: 29 Aug 2018 22:04

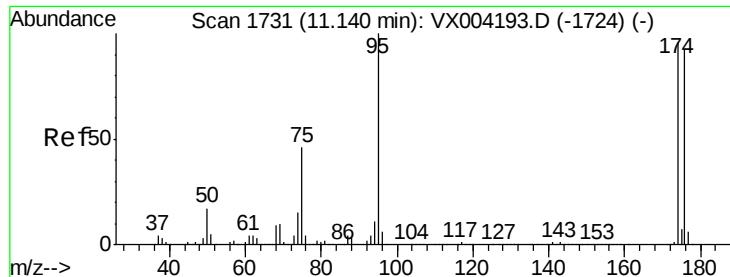
Tgt Ion: 98 Resp: 585316

Ion Ratio Lower Upper

98 100

100 65.8 52.9 79.3





#62

4-Bromofluorobenzene

Concen: 46.82 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.00 min

Lab File: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

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CB-0818-S-TCLP-GRID-42(1)

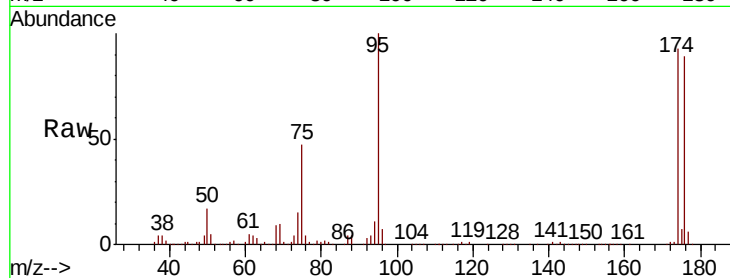
Tot Ion: 95 Resp: 199988

Ion Ratio Lower Upper

95 100

174 93.0 0.0 185.2

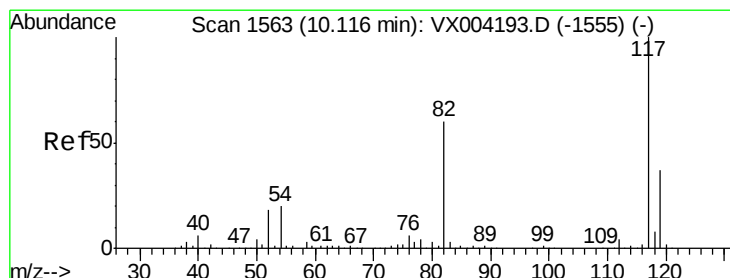
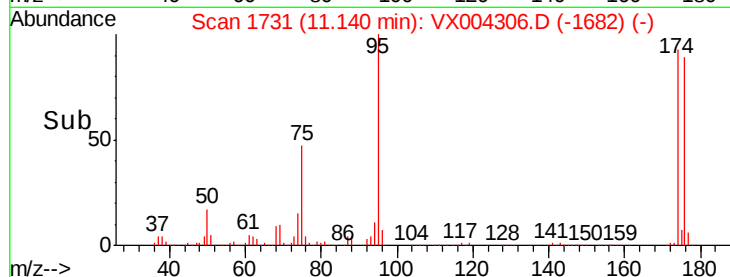
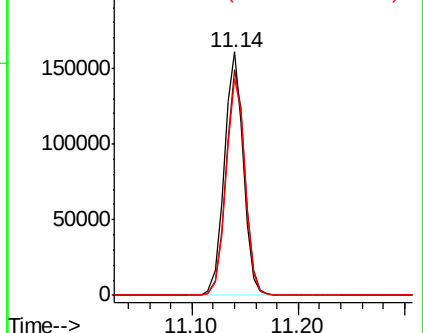
176 89.7 0.0 178.6



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: VX004306.D

Acq: 29 Aug 2018 22:04

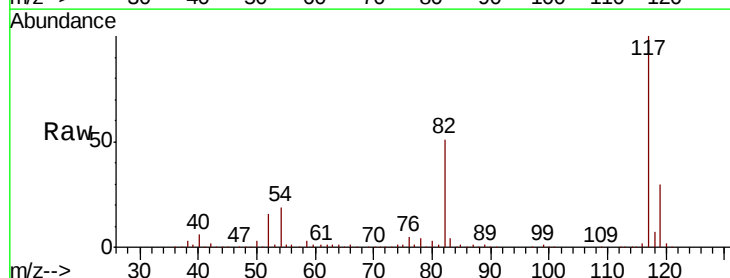
Tgt Ion: 117 Resp: 380404

Ion Ratio Lower Upper

117 100

82 51.4 47.8 71.6

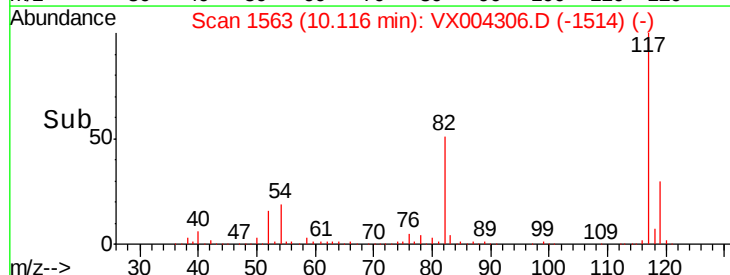
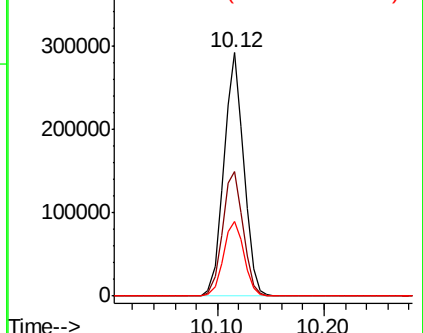
119 30.5 29.3 43.9

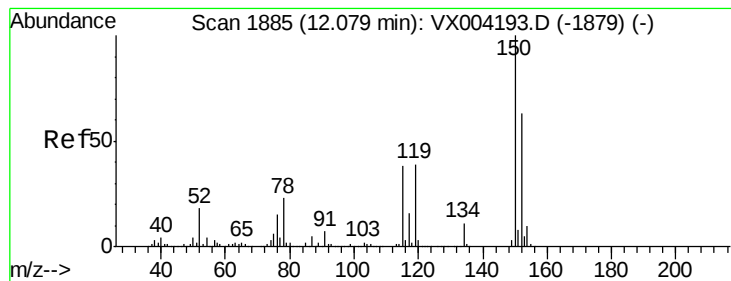


Abundance Ion 116.90 (116.60 to 117.60): V

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: VX004306.D

Acq: 29 Aug 2018 22:04

Instrument :

MSVOA_X

ClientSampleId :

CB-0818-S-TCLP-GRID-42(1)

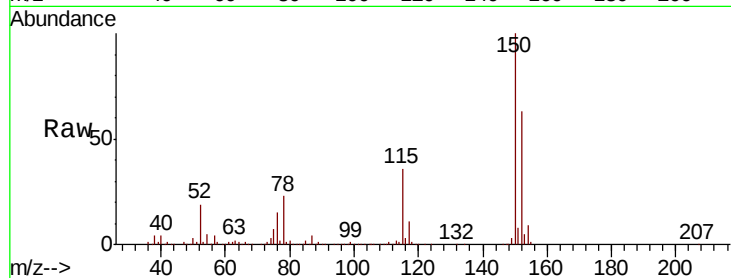
Tot Ion:152 Resp: 201638

Ion Ratio Lower Upper

152 100

115 55.1 39.0 117.0

150 152.9 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

