

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
 Data File : VX001604.D
 Acq On : 10 May 2018 16:20
 Operator : JC/MD
 Sample : J2738-01 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR1-0518

Quant Time: May 11 07:43:21 2018
 Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
 Quant Title : SW846 8260
 QLast Update : Sun May 06 07:59:25 2018
 Response via : Initial Calibration

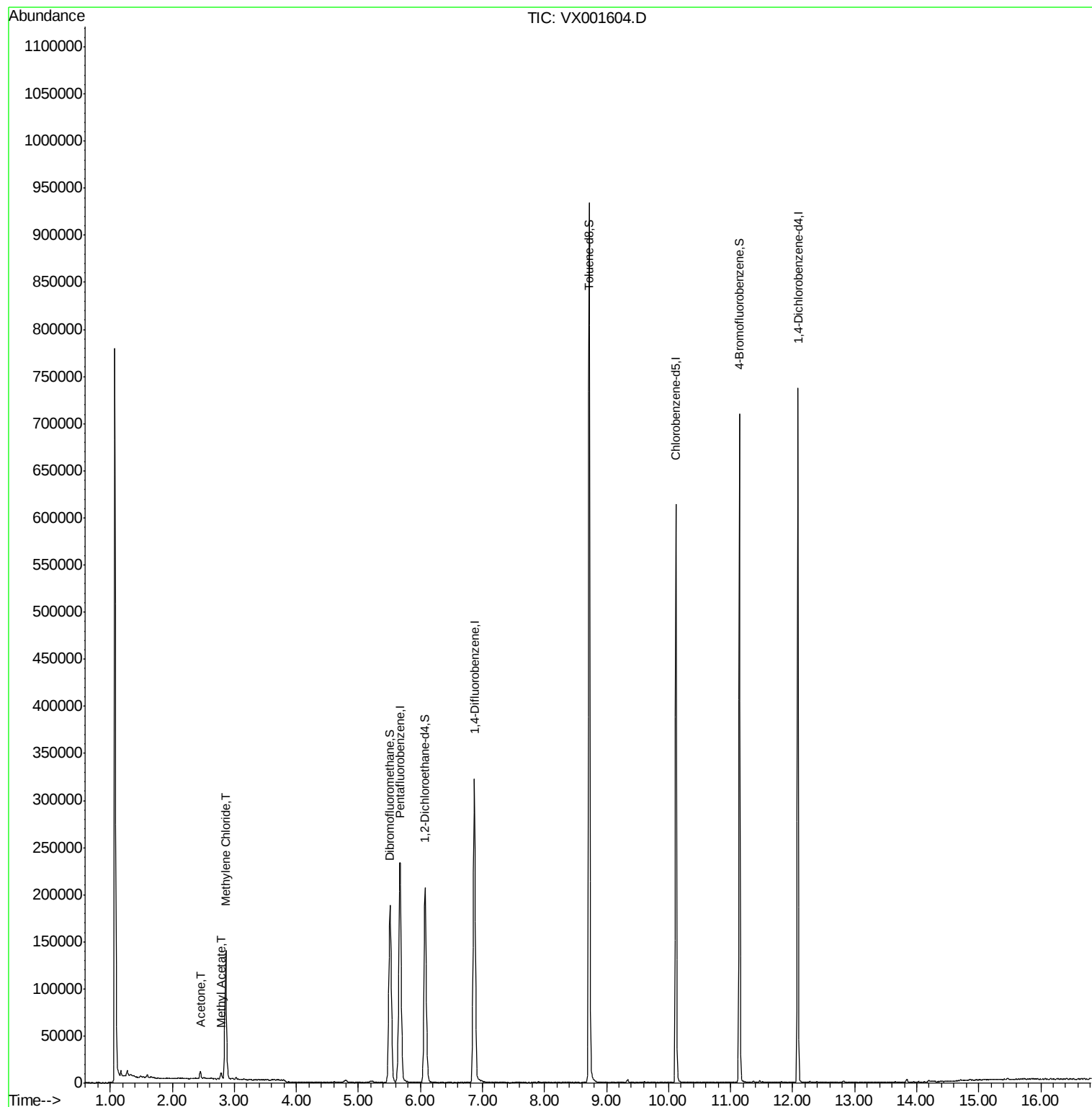
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	245579	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	330778	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	288446	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	156720	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	198864	56.34	ug/l	0.00
Spiked Amount 50.000			Recovery	=	112.68%	
35) Dibromofluoromethane	5.51	113	154682	52.57	ug/l	0.00
Spiked Amount 50.000			Recovery	=	105.14%	
50) Toluene-d8	8.72	98	537505	50.05	ug/l	0.00
Spiked Amount 50.000			Recovery	=	100.10%	
62) 4-Bromofluorobenzene	11.14	95	177767	43.12	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.24%	
Target Compounds						
16) Acetone	2.45	43	8489	5.30	ug/l	91
18) Methyl Acetate	2.78	43	7560	1.80	ug/l	94
20) Methylene Chloride	2.86	84	63716	20.08	ug/l	100

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

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX051018\
Data File : VX001604.D
Acq On : 10 May 2018 16:20
Operator : JC/MD
Sample : J2738-01 5X
Misc : 5.0mL/MSVOA X/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR1-0518

Quant Time: May 11 07:43:21 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M
Quant Title : SW846 8260
QLast Update : Sun May 06 07:59:25 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: VX001604.D

Acq: 10 May 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

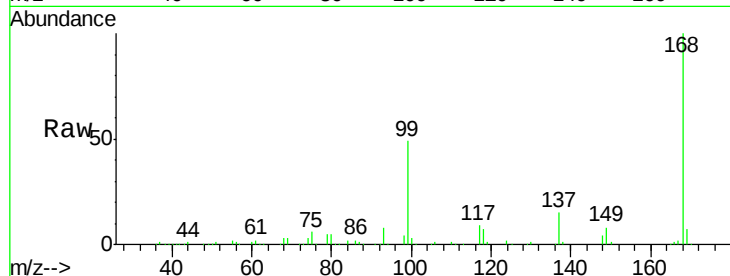
CB-TCLP-VAR1-0518

Tot Ion:168 Resp: 245579

Ion Ratio Lower Upper

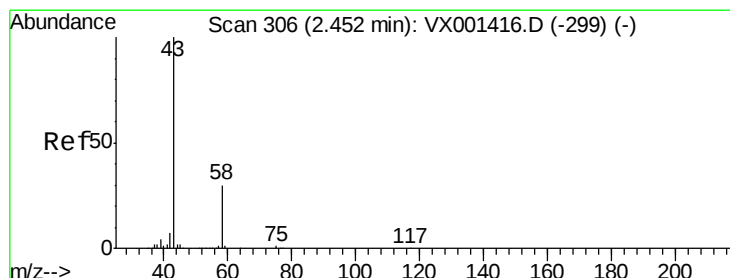
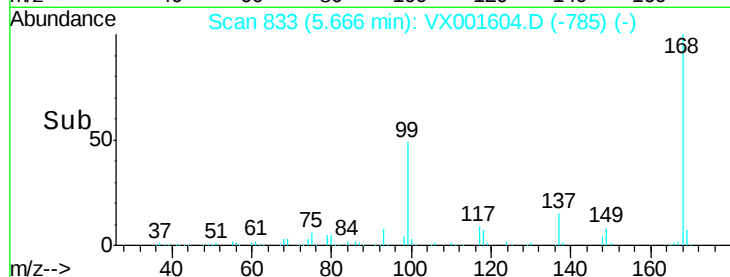
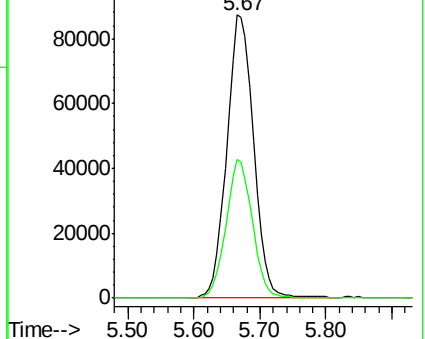
168 100

99 48.8 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#16

Acetone

Concen: 5.30 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001604.D

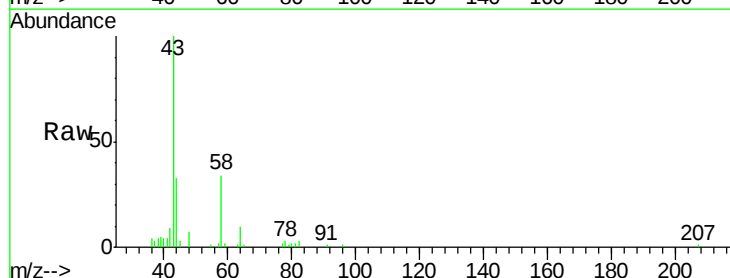
Acq: 10 May 2018 16:20

Tgt Ion: 43 Resp: 8489

Ion Ratio Lower Upper

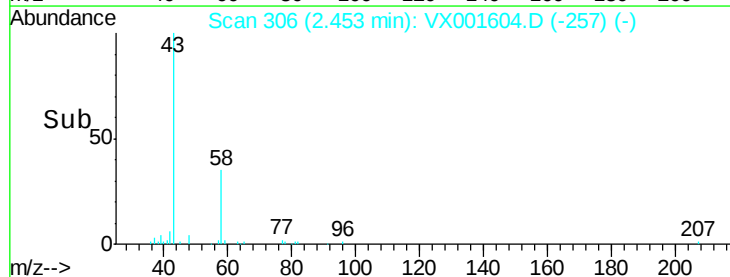
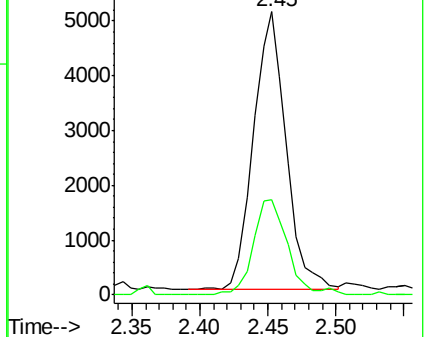
43 100

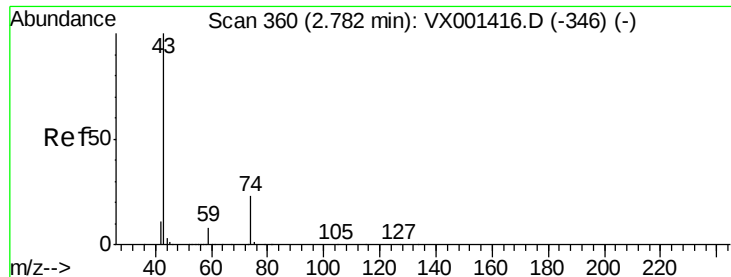
58 34.5 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

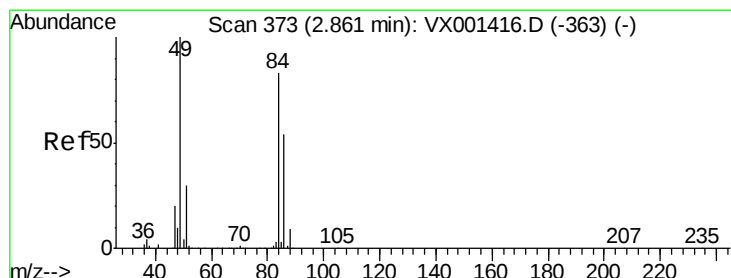
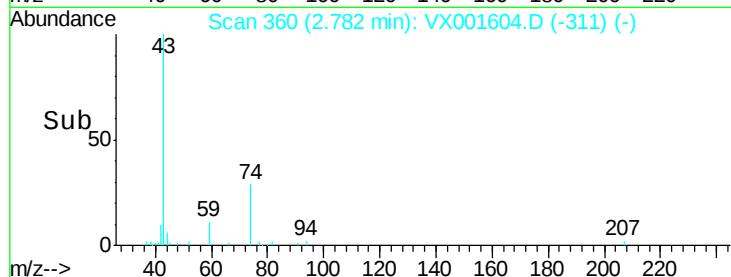
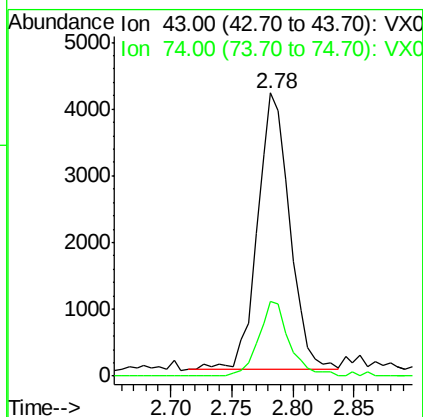
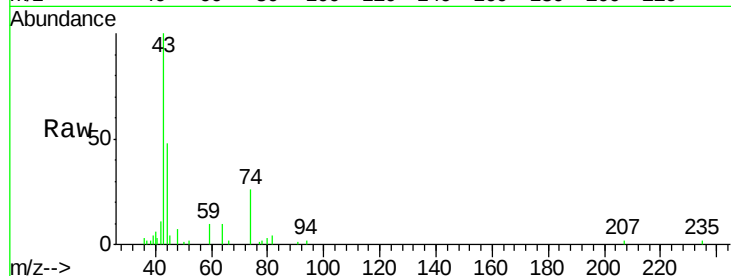




#18
Methvl Acetate
Concen: 1.80 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001604.D
Acq: 10 May 2018 16:20

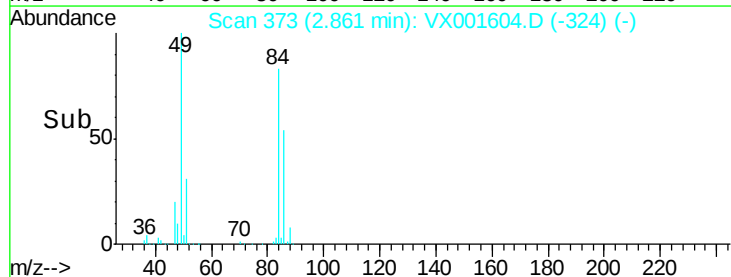
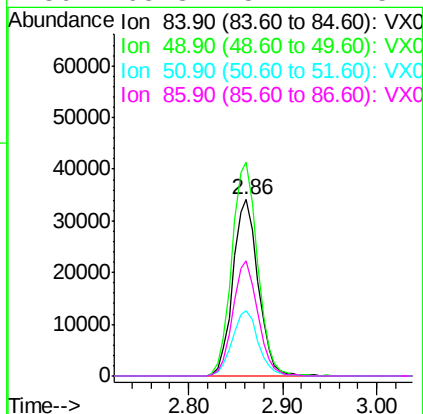
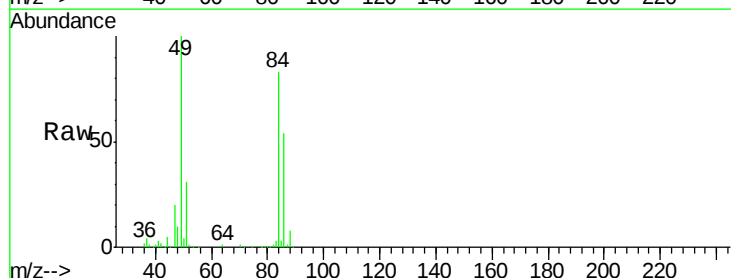
Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR1-0518

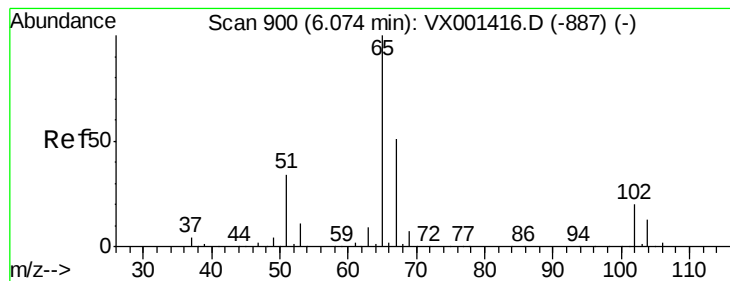
Tot Ion: 43 Resp: 7560
Ion Ratio Lower Upper
43 100
74 26.0 18.6 27.8



#20
Methylene Chloride
Concen: 20.08 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001604.D
Acq: 10 May 2018 16:20

Tgt Ion: 84 Resp: 63716
Ion Ratio Lower Upper
84 100
49 121.0 96.6 144.8
51 37.2 29.0 43.4
86 65.3 52.2 78.4





#33

1,2-Dichloroethane-d4

Concen: 56.34 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001604.D

Acq: 10 May 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

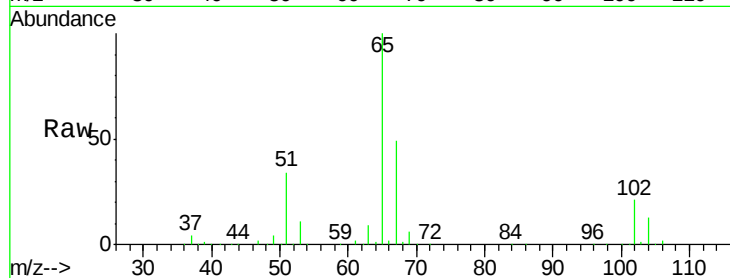
CB-TCLP-VAR1-0518

Tot Ion: 65 Resp: 198864

Ion Ratio Lower Upper

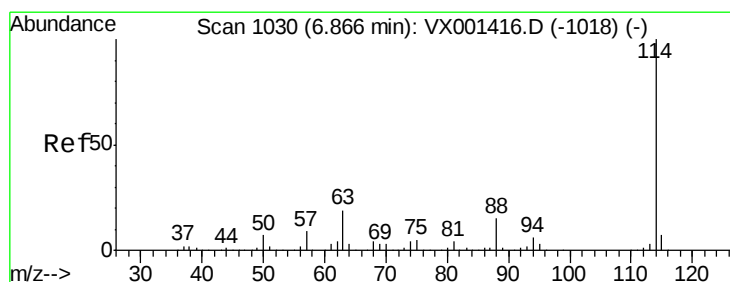
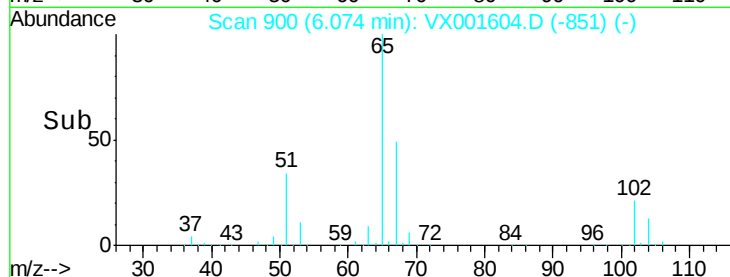
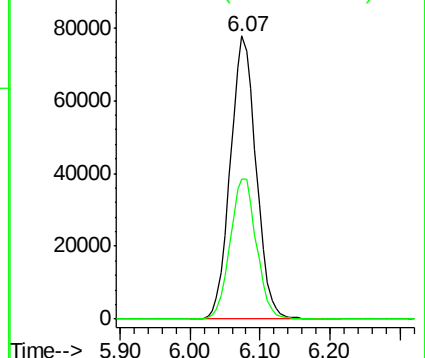
65 100

67 50.7 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0



#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001604.D

Acq: 10 May 2018 16:20

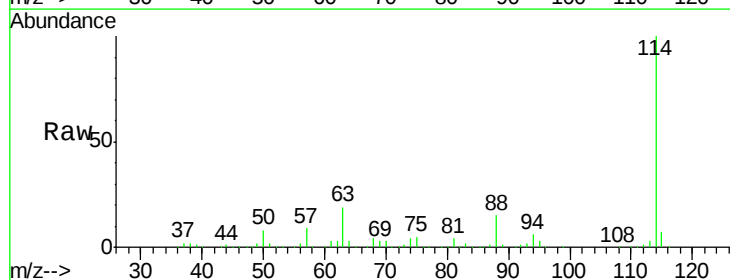
Tgt Ion: 114 Resp: 330778

Ion Ratio Lower Upper

114 100

63 19.0 0.0 38.6

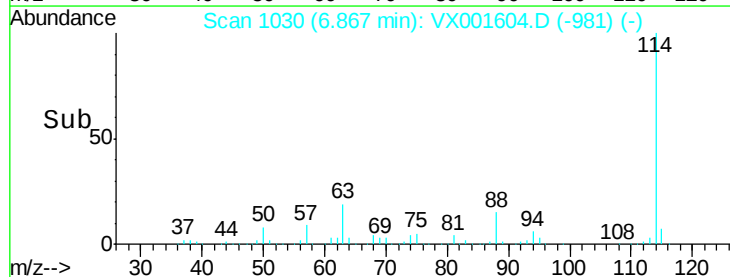
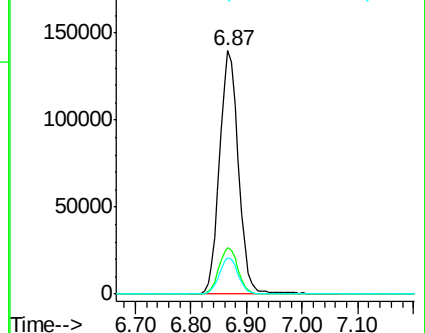
88 15.0 0.0 30.8

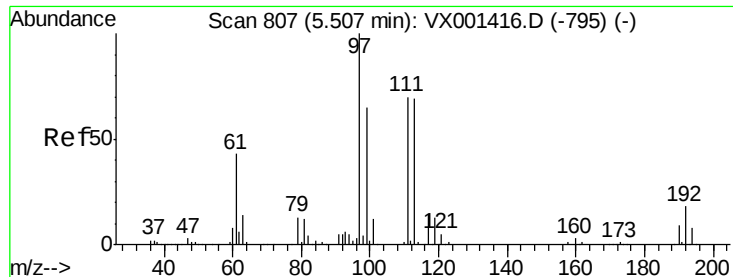


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

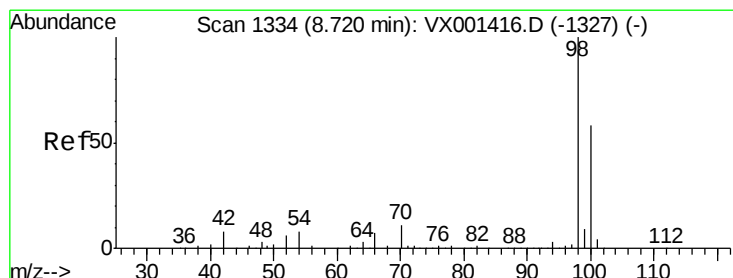
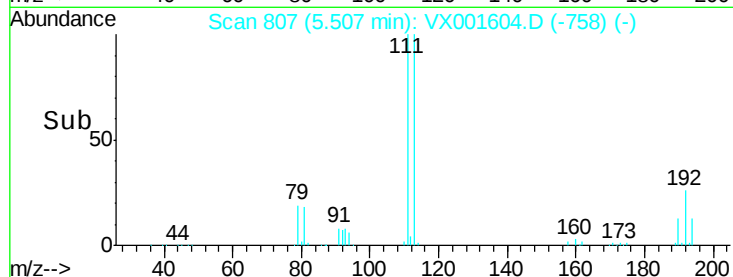
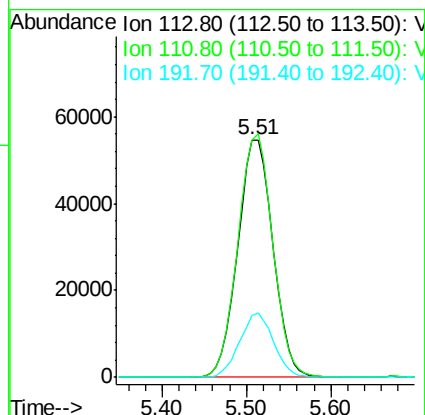
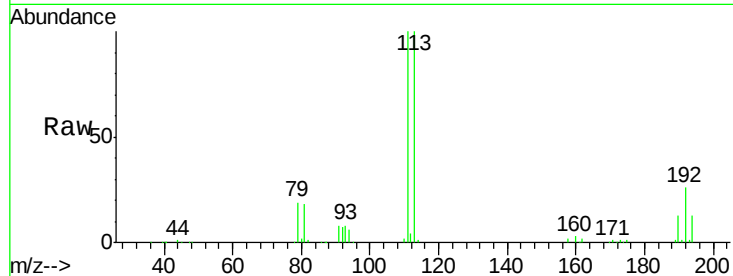




#35
 Dibromofluoromethane
 Concen: 52.57 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001604.D
 Acq: 10 May 2018 16:20

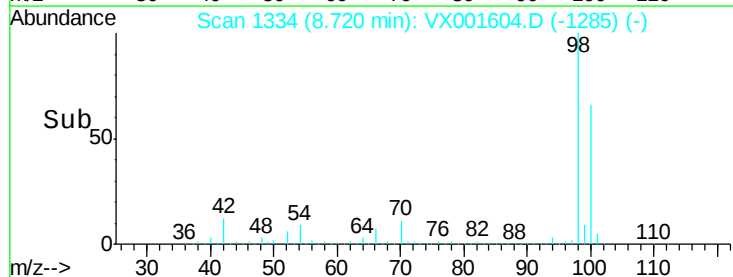
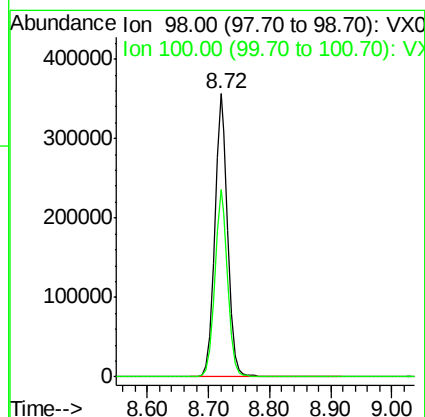
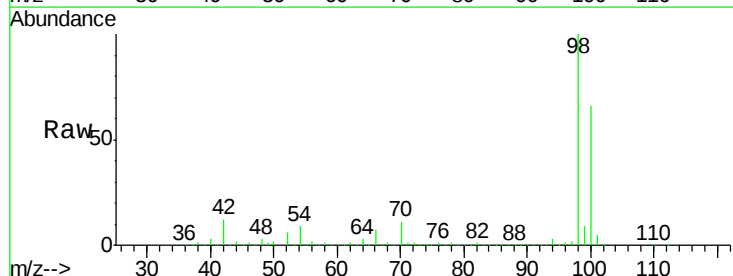
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR1-0518

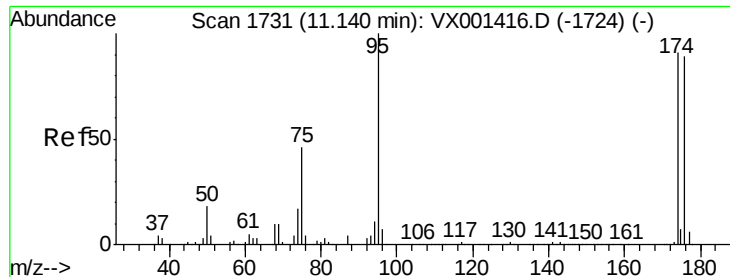
Tot Ion:113 Resp: 154682
 Ion Ratio Lower Upper
 113 100
 111 101.8 82.2 123.2
 192 26.3 21.4 32.0



#50
 Toluene-d8
 Concen: 50.05 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001604.D
 Acq: 10 May 2018 16:20

Tgt Ion: 98 Resp: 537505
 Ion Ratio Lower Upper
 98 100
 100 66.2 54.0 81.0

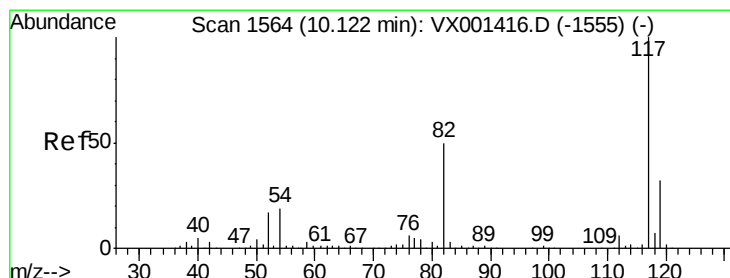
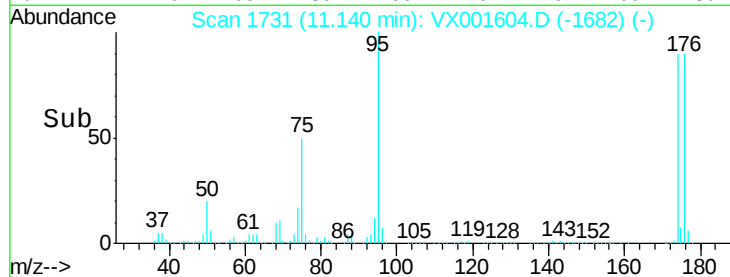
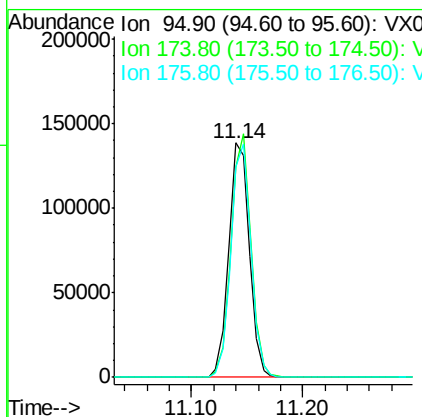
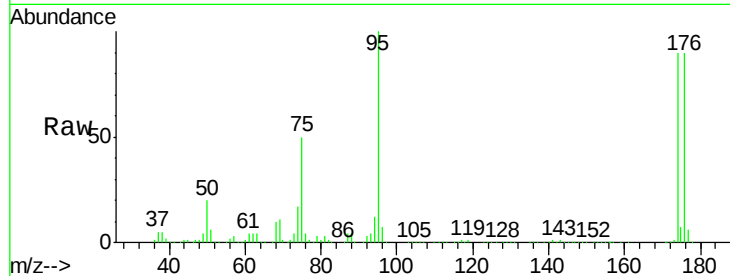




#62
4-Bromofluorobenzene
Concen: 43.12 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001604.D
Acq: 10 May 2018 16:20

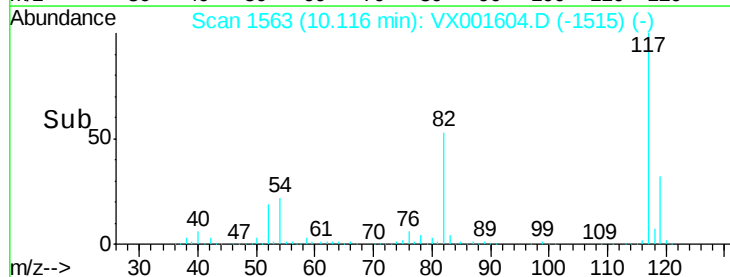
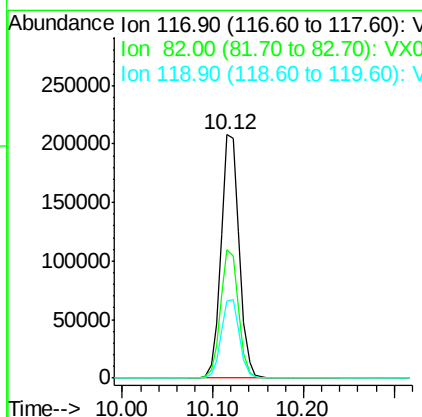
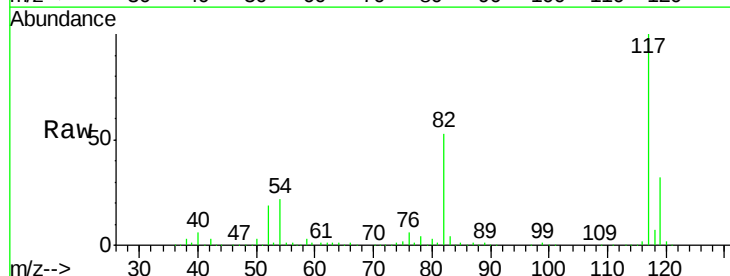
Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR1-0518

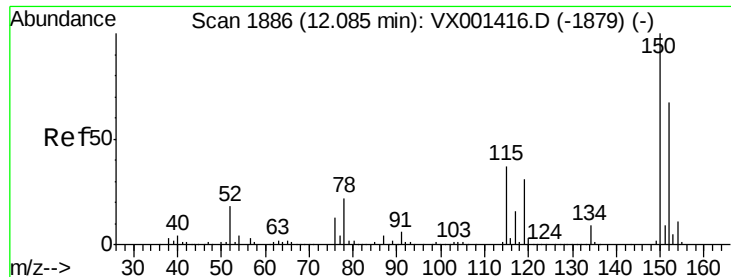
Tot Ion	95	Resp	177767
Ion Ratio	Lower	Upper	
95	100		
174	99.9	0.0	202.0
176	96.9	0.0	197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001604.D
Acq: 10 May 2018 16:20

Tgt Ion	117	Resp	288446
Ion Ratio	Lower	Upper	
117	100		
82	52.9	40.0	60.0
119	31.7	25.8	38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001604.D

Acq: 10 May 2018 16:20

Instrument :

MSVOA_X

ClientSampleId :

CB-TCLP-VAR1-0518

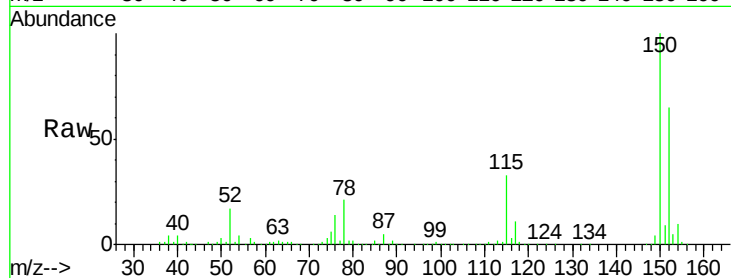
Tot Ion:152 Resp: 156720

Ion Ratio Lower Upper

152 100

115 52.6 37.7 113.1

150 155.7 0.0 349.4



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

