

Data Path : W:\HPCHEM1\MSVOA X\DATA\VX050718\
 Data File : VX001498.D
 Acq On : 08 May 2018 06:26
 Operator : JC/MD
 Sample : J2738-03 5X
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 41 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR3-0518

Quant Time: May 08 08:15:54 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

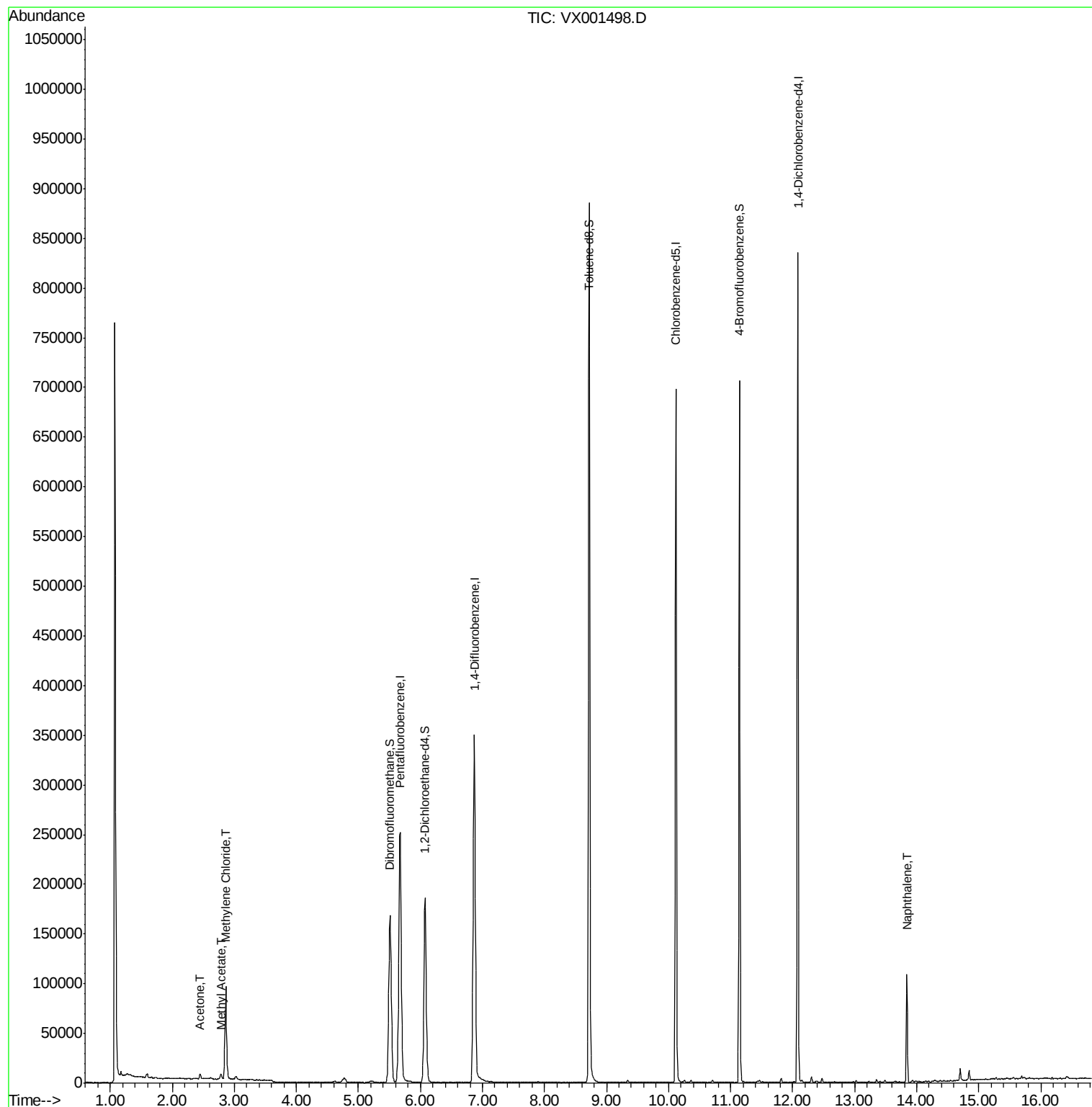
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	264277	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	363128	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	327614	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	184213	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	179486	47.25	ug/l	0.00
Spiked Amount 50.000			Recovery	=	94.50%	
35) Dibromofluoromethane	5.51	113	139601	43.22	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.44%	
50) Toluene-d8	8.72	98	507770	43.07	ug/l	0.00
Spiked Amount 50.000			Recovery	=	86.14%	
62) 4-Bromofluorobenzene	11.14	95	168845	37.31	ug/l	0.00
Spiked Amount 50.000			Recovery	=	74.62%	
Target Compounds						
16) Acetone	2.45	43	4849	2.81	ug/l	96
18) Methyl Acetate	2.78	43	5399	1.19	ug/l	99
20) Methylene Chloride	2.86	84	42754	12.52	ug/l	99
95) Naphthalene	13.84	128	65207	4.78	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# 834

Delta R.T. 0.00 min

Lab File: VX001498.D

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Instrument :

MSVOA_X

ClientSampleId :

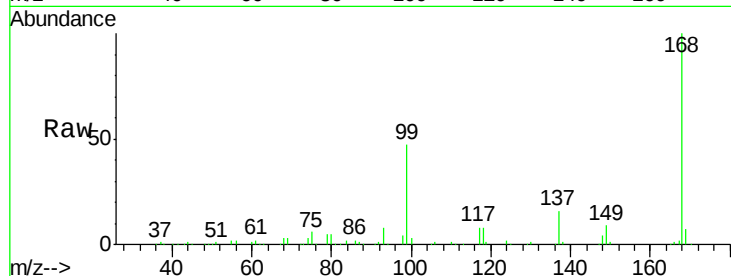
CB-TCLP-VAR3-0518

Tot Ion:168 Resp: 264277

Ion Ratio Lower Upper

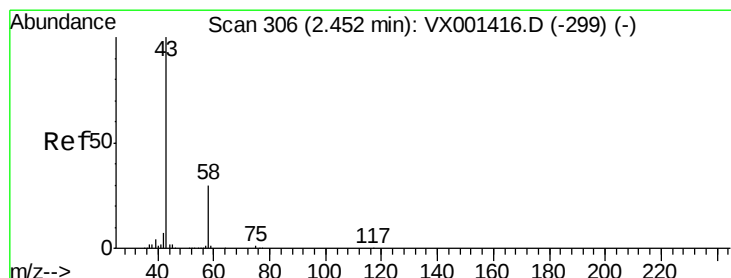
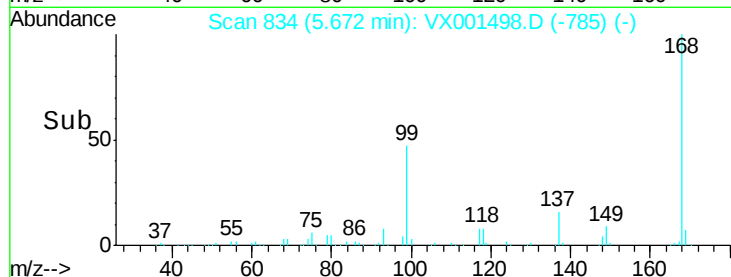
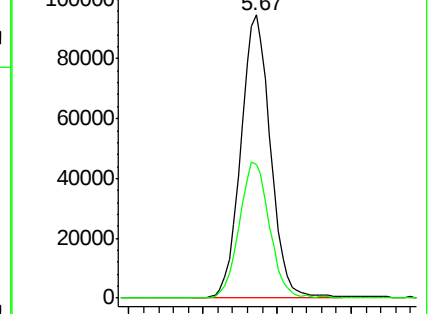
168 100

99 47.1 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: 2.81 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001498.D

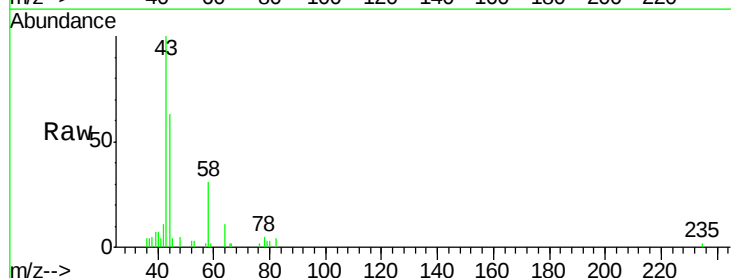
Acq: 08 May 2018 06:26

Tgt Ion: 43 Resp: 4849

Ion Ratio Lower Upper

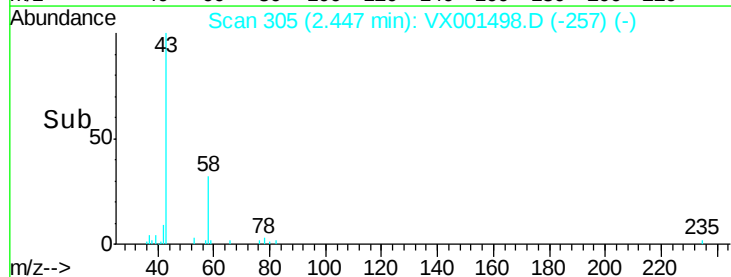
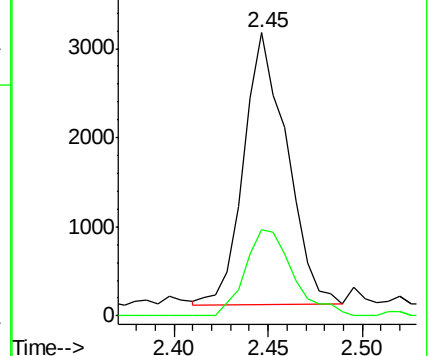
43 100

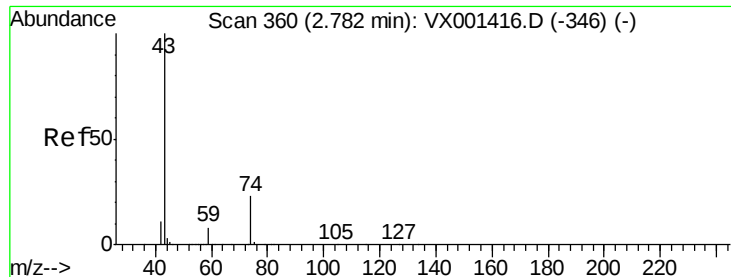
58 32.0 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#18

Methyl Acetate

Concen: 1.19 ug/l

RT: 2.78 min Scan# 360

Delta R.T. 0.00 min

Lab File: VX001498.D

Acq: 08 May 2018 06:26

Instrument :

MSVOA_X

ClientSampleId :

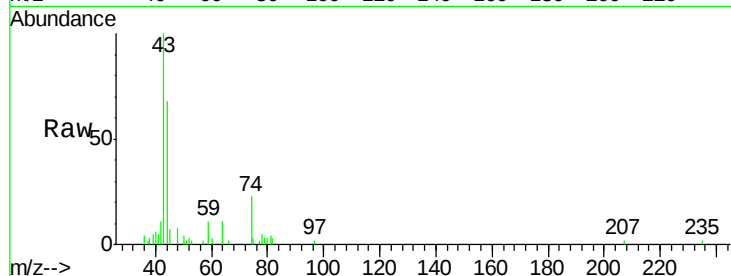
CB-TCLP-VAR3-0518

Tot Ion: 43 Resp: 5399

Ion Ratio Lower Upper

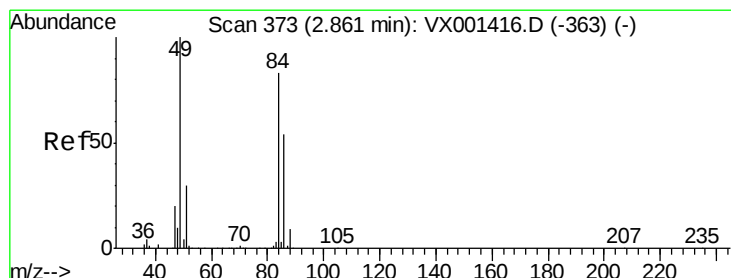
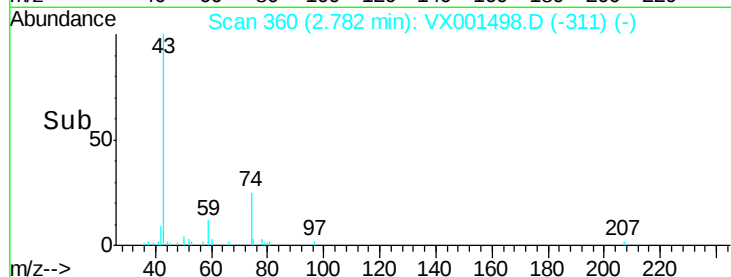
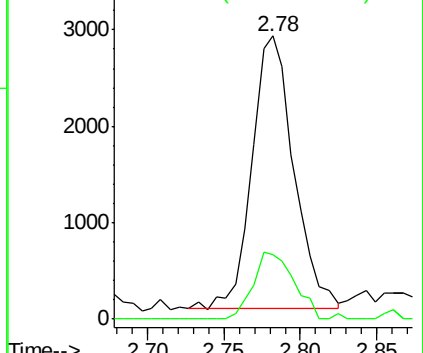
43 100

74 23.8 18.6 27.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0



#20

Methylene Chloride

Concen: 12.52 ug/l

RT: 2.86 min Scan# 373

Delta R.T. 0.00 min

Lab File: VX001498.D

Acq: 08 May 2018 06:26

Tgt Ion: 84 Resp: 42754

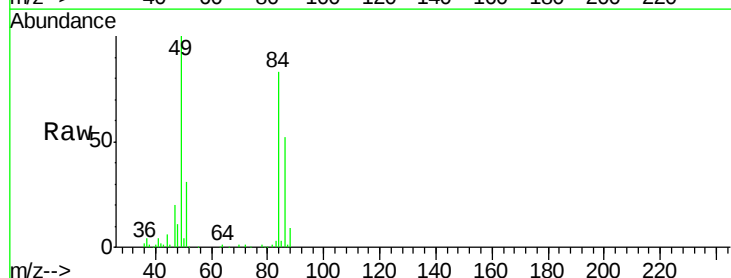
Ion Ratio Lower Upper

84 100

49 120.2 96.6 144.8

51 36.6 29.0 43.4

86 62.7 52.2 78.4

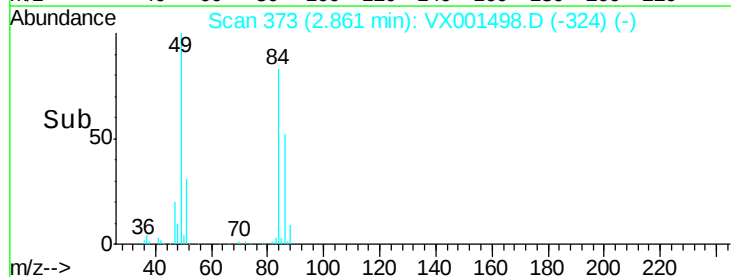
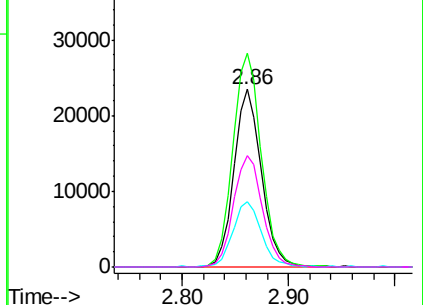


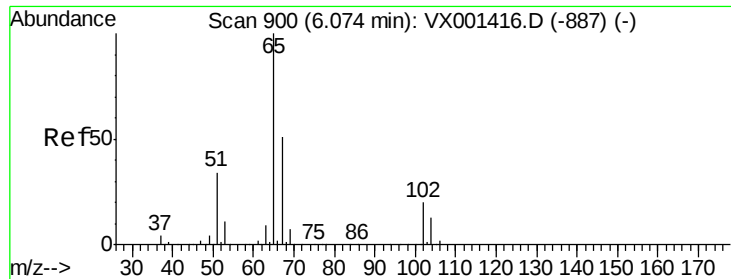
Abundance Ion 83.90 (83.60 to 84.60): VX0

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: 47.25 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001498.D

Acq: 08 May 2018 06:26

Instrument :

MSVOA_X

ClientSampleId :

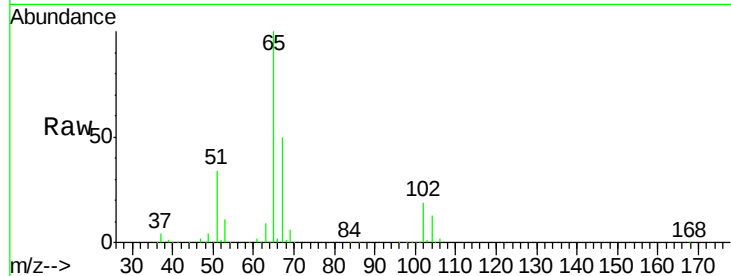
CB-TCLP-VAR3-0518

Tot Ion: 65 Resp: 179486

Ion Ratio Lower Upper

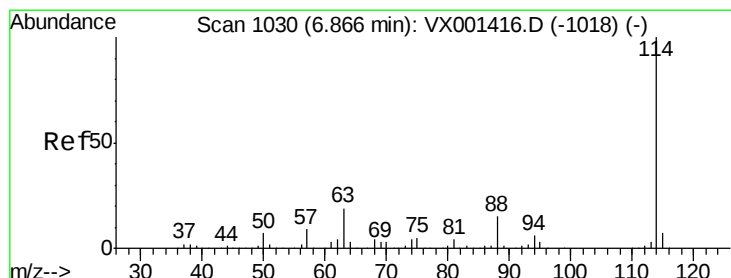
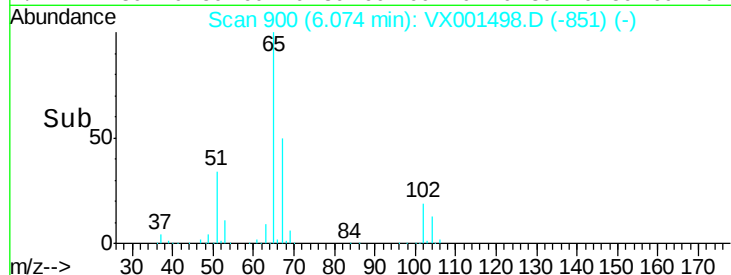
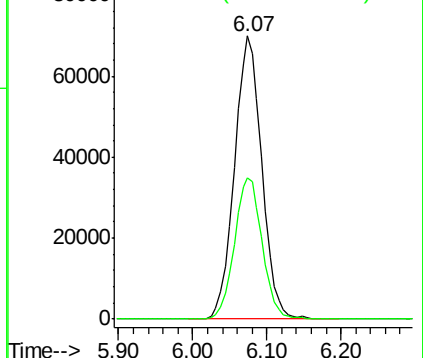
65 100

67 50.6 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: VX001498.D

Acq: 08 May 2018 06:26

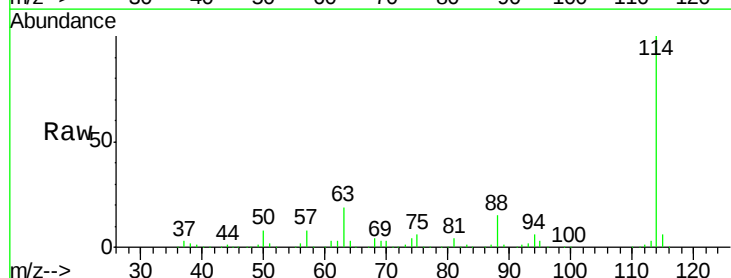
Tgt Ion: 114 Resp: 363128

Ion Ratio Lower Upper

114 100

63 19.4 0.0 38.6

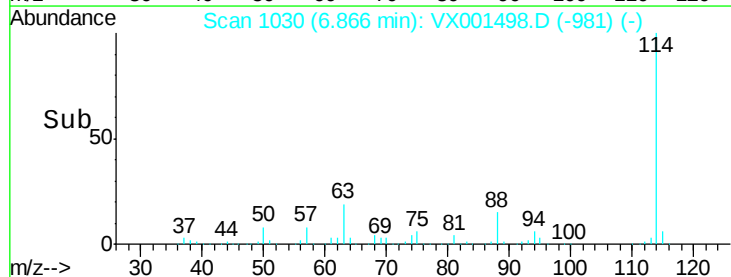
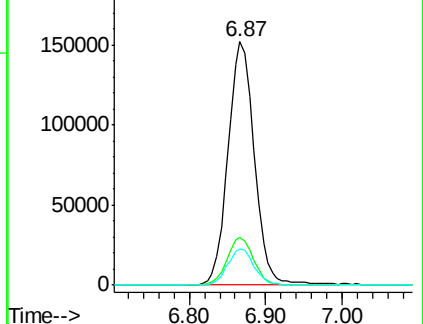
88 14.8 0.0 30.8

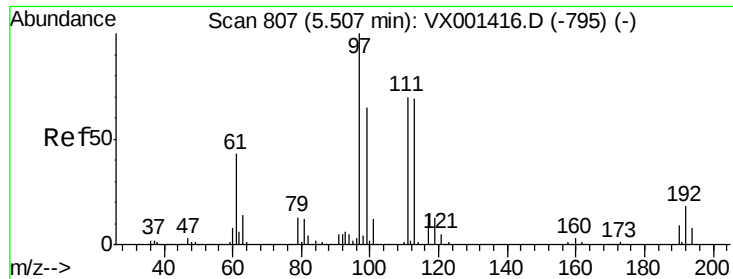


Abundance Ion 113.90 (113.60 to 114.60): V

Ion 63.00 (62.70 to 63.70): VX0

Ion 87.90 (87.60 to 88.60): VX0

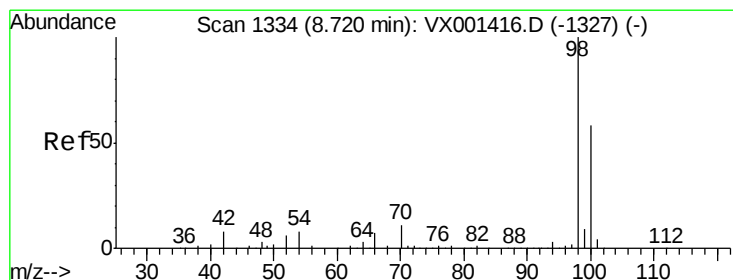
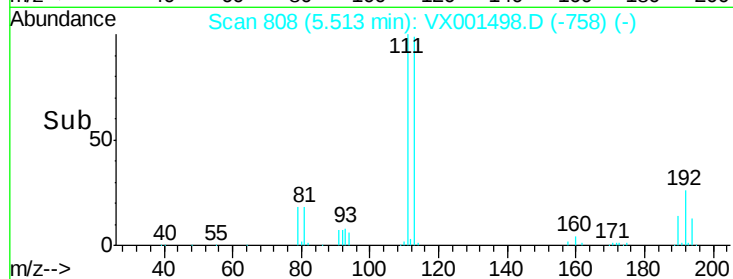
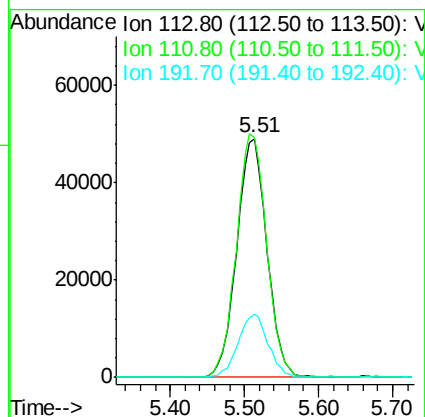
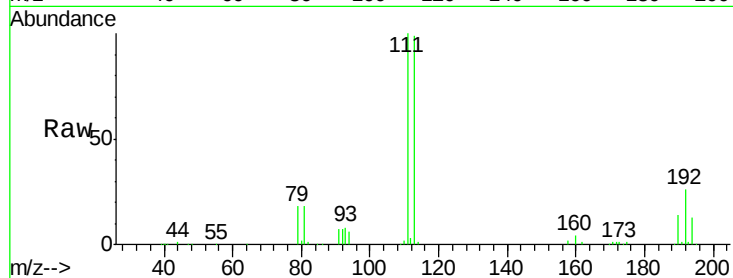




#35
 Dibromofluoromethane
 Concen: 43.22 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001498.D
 Acq: 08 May 2018 06:26

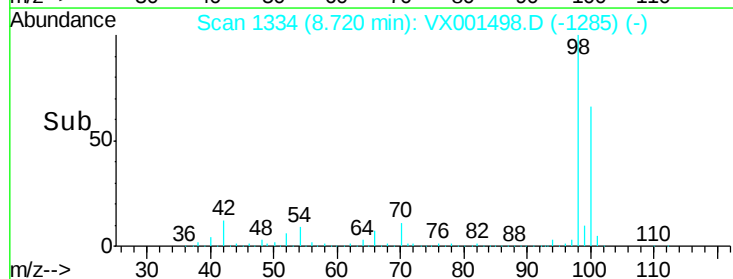
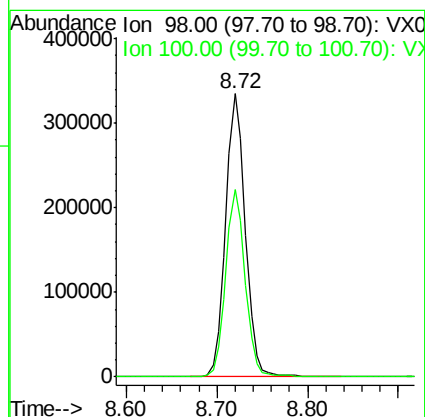
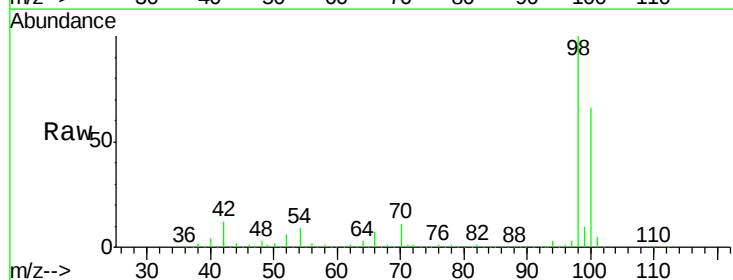
Instrument :
 MSVOA_X
 ClientSampleId :
 CB-TCLP-VAR3-0518

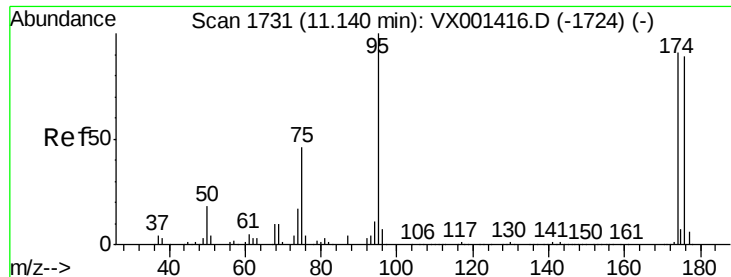
Tot Ion:113 Resp: 139601
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 26.3 21.4 32.0



#50
 Toluene-d8
 Concen: 43.07 ug/l
 RT: 8.72 min Scan# 1334
 Delta R.T. 0.00 min
 Lab File: VX001498.D
 Acq: 08 May 2018 06:26

Tgt Ion: 98 Resp: 507770
 Ion Ratio Lower Upper
 98 100
 100 65.8 54.0 81.0

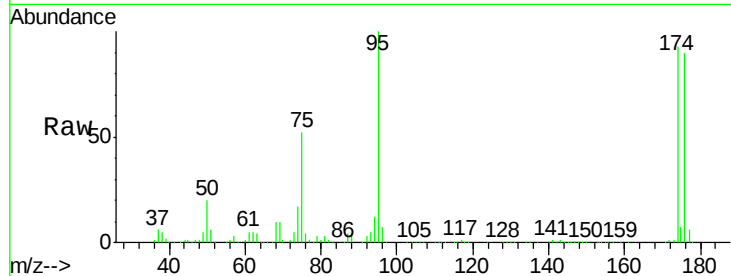




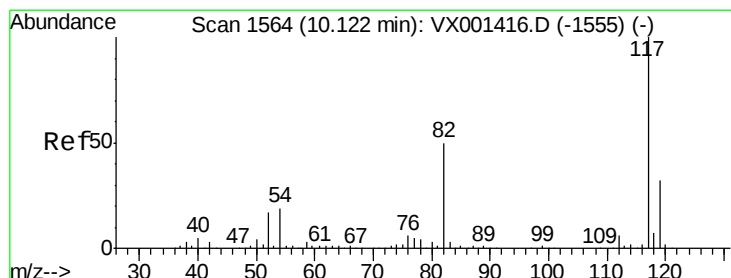
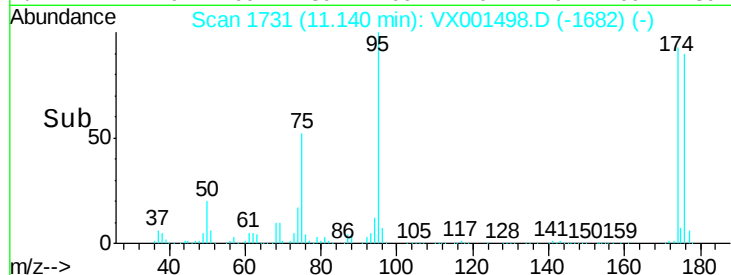
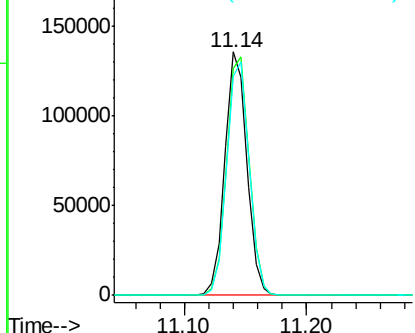
#62
4-Bromofluorobenzene
Concen: 37.31 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001498.D
Acq: 08 May 2018 06:26

Instrument :
MSVOA_X
ClientSampleId :
CB-TCLP-VAR3-0518

Tot Ion: 95 Resp: 168845
Ion Ratio Lower Upper
95 100
174 100.3 0.0 202.0
176 97.9 0.0 197.4

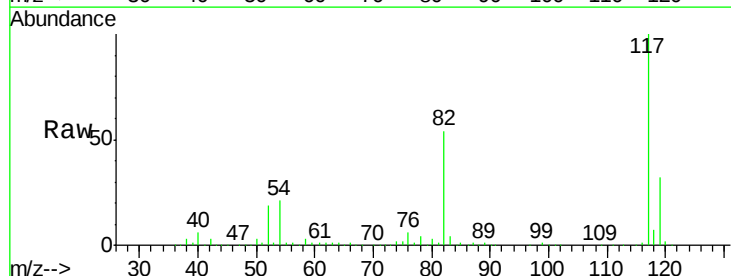


Abundance Ion 94.90 (94.60 to 95.60): VX0
Ion 173.80 (173.50 to 174.50): V
Ion 175.80 (175.50 to 176.50): V

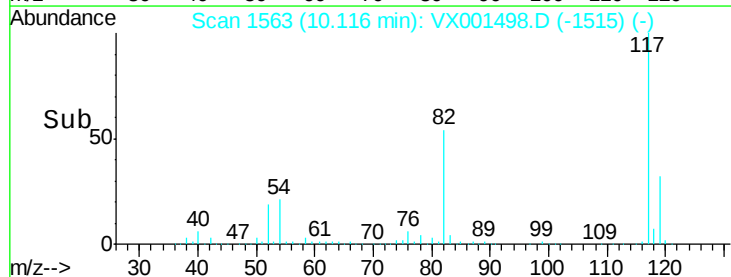
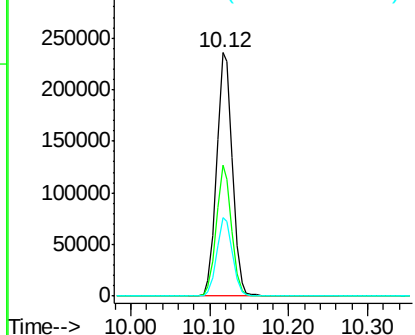


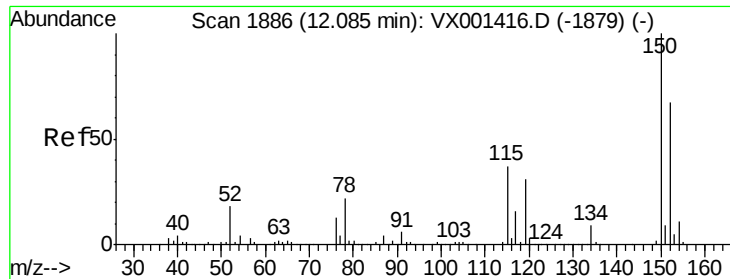
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001498.D
Acq: 08 May 2018 06:26

Tgt Ion: 117 Resp: 327614
Ion Ratio Lower Upper
117 100
82 53.5 40.0 60.0
119 32.2 25.8 38.8



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: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001498.D

Acq: 08 May 2018 06:26

Instrument :

MSVOA_X

ClientSampleId :

CB-TCLP-VAR3-0518

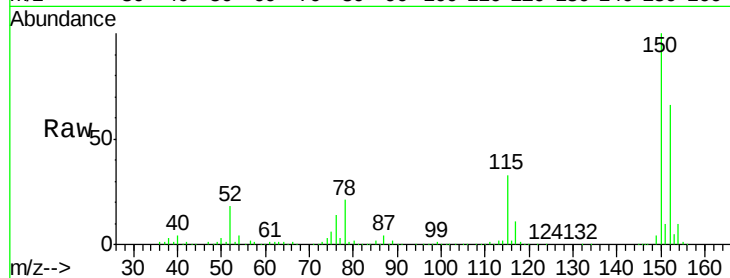
Tot Ion:152 Resp: 184213

Ion Ratio Lower Upper

152 100

115 51.8 37.7 113.1

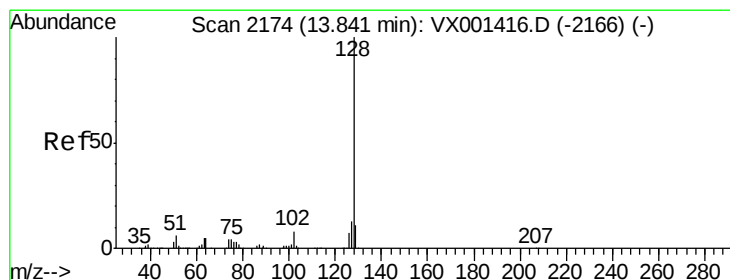
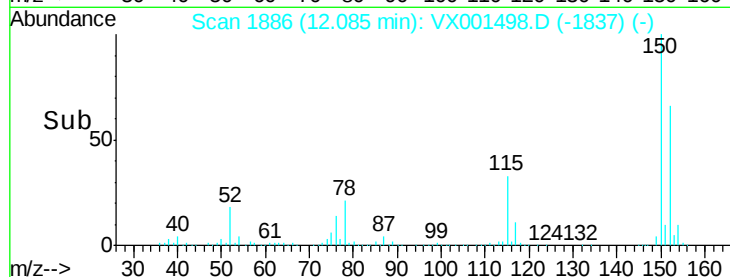
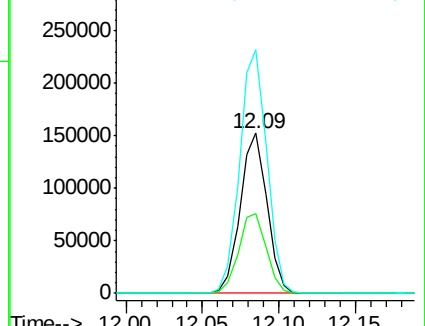
150 155.0 0.0 349.4



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



#95

Naphthalene

Concen: 4.78 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001498.D

Acq: 08 May 2018 06:26

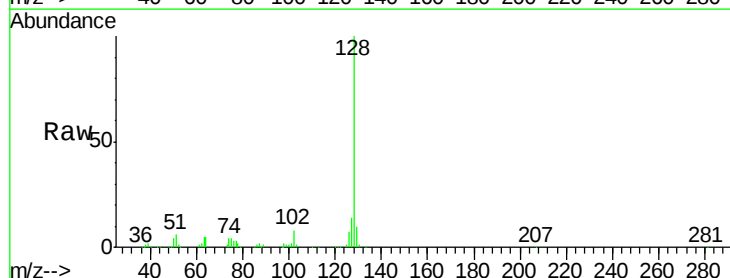
Tgt Ion:128 Resp: 65207

Ion Ratio Lower Upper

128 100

127 13.2 10.4 15.6

129 10.7 8.7 13.1



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

