

Data File : VX001559.D
Acq On : 09 May 2018 17:06
Operator : JC/MD
Sample : J2659-01
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 8 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
BP-TB03-20180428RE

Quant Time: May 10 04:15:29 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	236274	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	323693	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	278183	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	146138	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	190091	55.97	ug/l	0.00
Spiked Amount	50.000		Recovery	=	111.94%	
35) Dibromofluoromethane	5.51	113	148727	51.66	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.32%	
50) Toluene-d8	8.72	98	529455	50.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.76%	
62) 4-Bromofluorobenzene	11.14	95	169394	41.99	ug/l	0.00
Spiked Amount	50.000		Recovery	=	83.98%	

Target Compounds				Qvalue		
5) Bromomethane	1.61	94	263	Below Cal	#	3
10) Methyl Iodide	2.52	142	1862	0.45	ug/l	95
13) Acrolein	2.29	56	195	Below Cal	#	20
15) Acrylonitrile	3.16	53	719	0.44	ug/l	92
16) Acetone	2.46	43	793	0.51	ug/l	95
17) Carbon Disulfide	2.57	76	1551	0.23	ug/l	87
18) Methyl Acetate	2.79	43	861	0.21	ug/l	89
29) Tetrahydrofuran	5.20	42	818	0.57	ug/l	40
38) Carbon Tetrachloride	5.67	117	20299	4.62	ug/l	16
54) cis-1,3-Dichloropropene	9.04	75	156	2.30	ug/l	63
76) 1,2,3-Trichloropropane	11.14	75	84845	28.63	ug/l	38
81) trans-1,4-Dichloro-2-buten	11.14	75	84845	87.73	ug/l	7
93) 1,2,4-Trichlorobenzene	13.66	180	816	0.21	ug/l	94

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

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ALS Vial : 8 Sample Multiplier: 1

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20180428RE

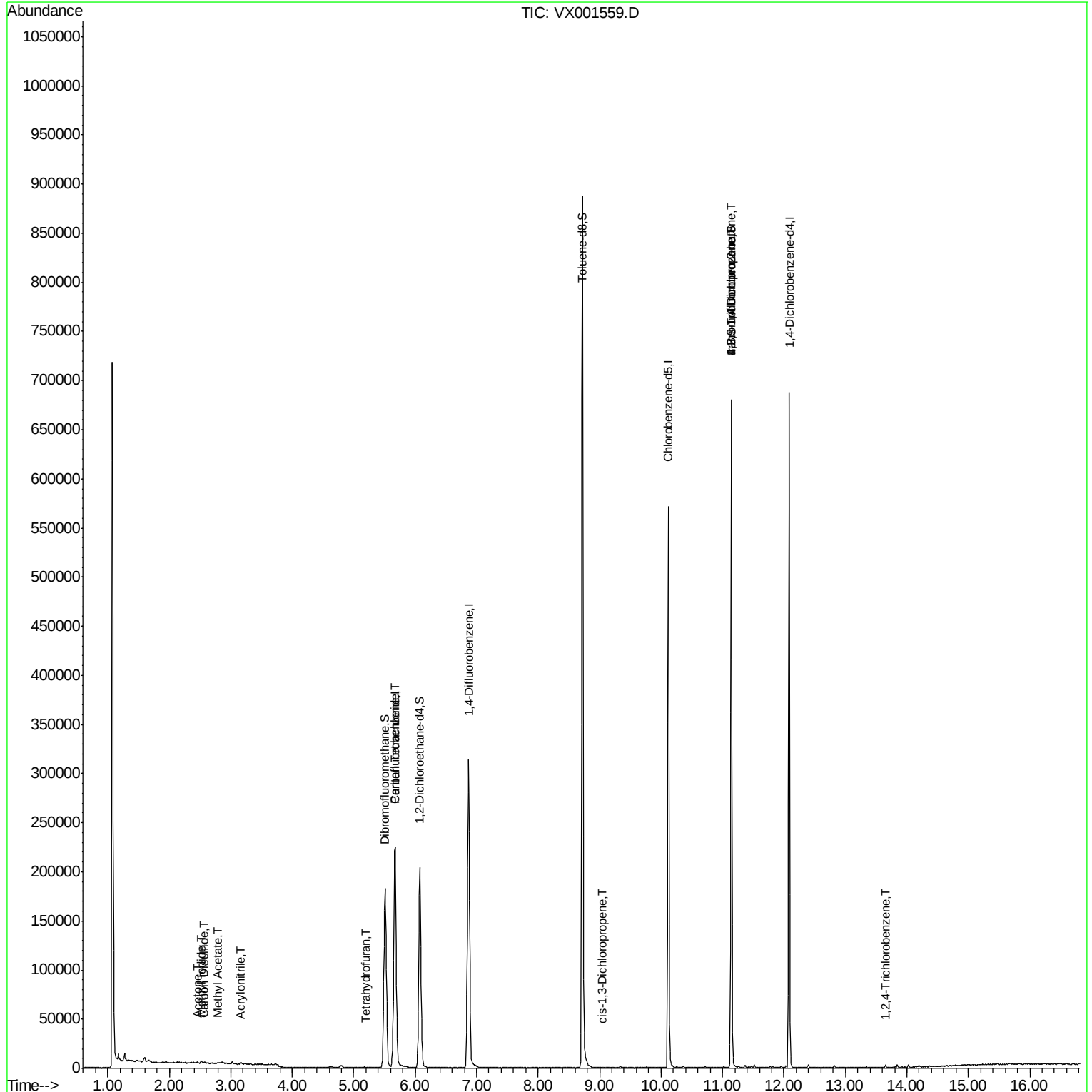
Quant Time: May 10 04:15:29 2018

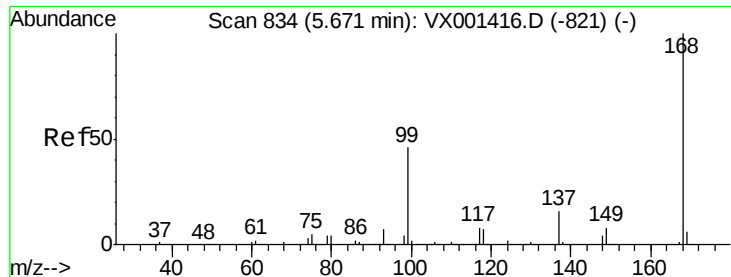
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X050518W.M

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# 834

Delta R.T. 0.00 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

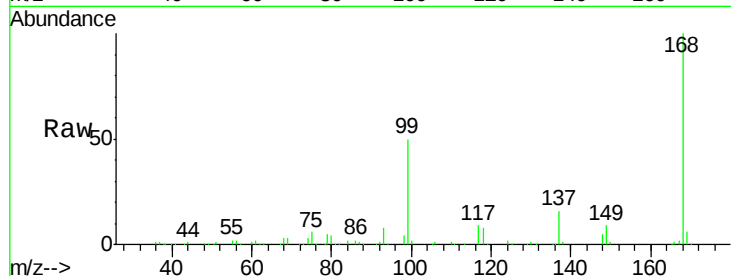
BP-TB03-20180428RE

Tgt Ion:168 Resp: 236274

Ion Ratio Lower Upper

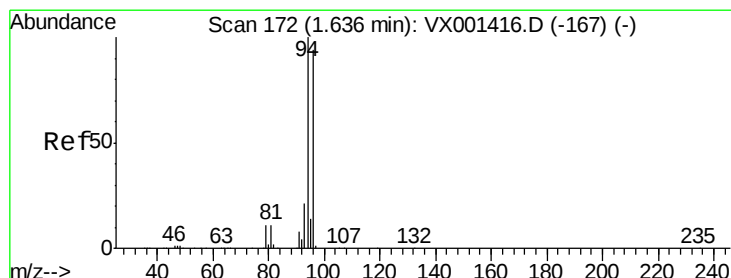
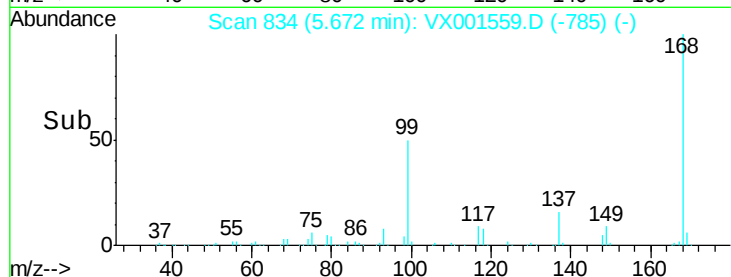
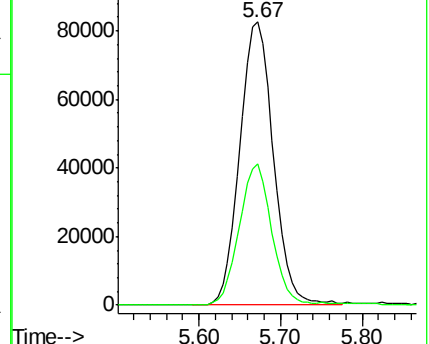
168 100

99 49.7 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.61 min Scan# 168

Delta R.T. -0.02 min

Lab File: VX001559.D

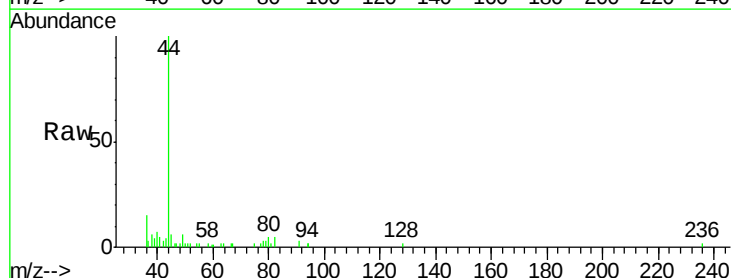
Acq: 09 May 2018 17:06

Tgt Ion: 94 Resp: 263

Ion Ratio Lower Upper

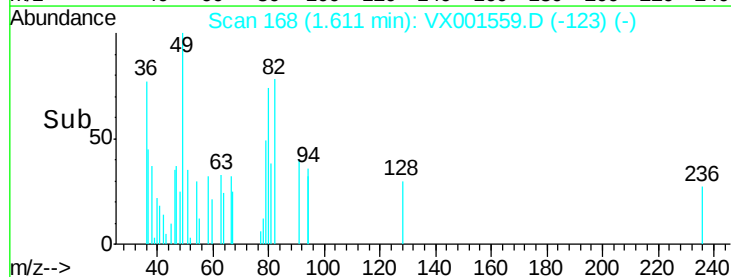
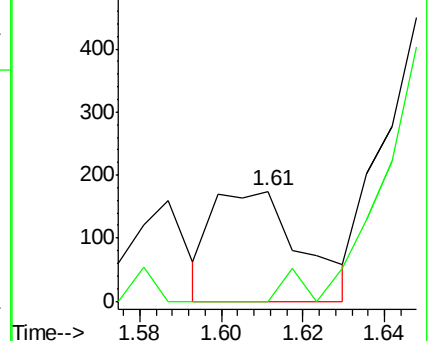
94 100

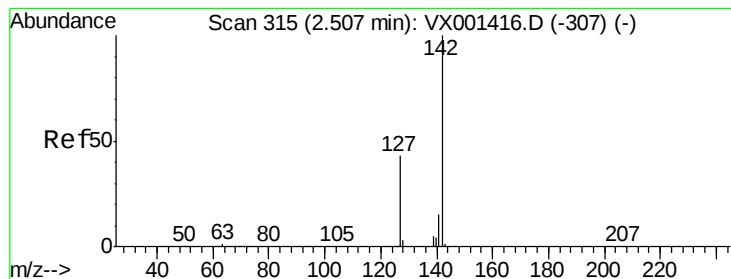
96 0.0 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#10

Methyl Iodide

Concen: 0.45 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20180428RE

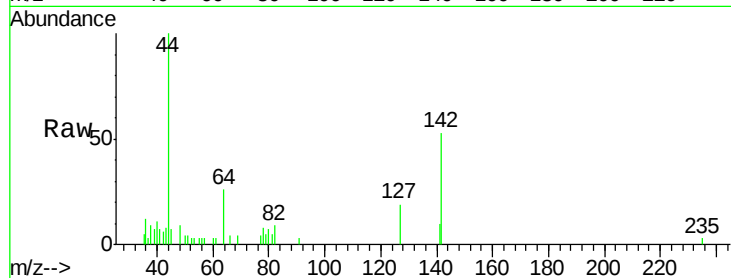
Tgt Ion:142 Resp: 1862

Ion Ratio Lower Upper

142 100

127 45.6 33.6 50.4

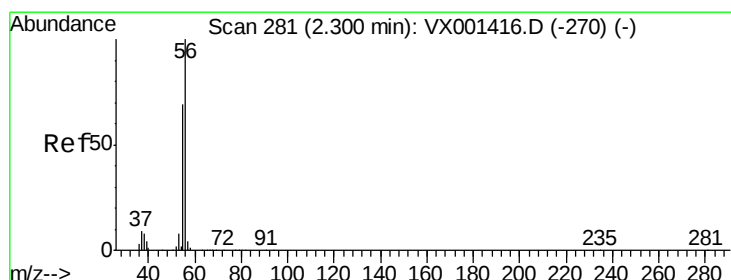
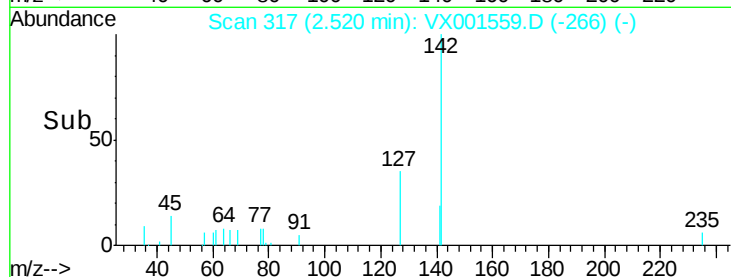
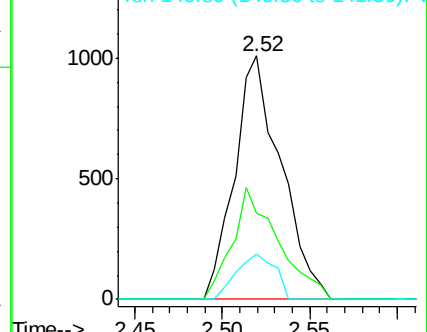
141 15.6 11.4 17.2



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



#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001559.D

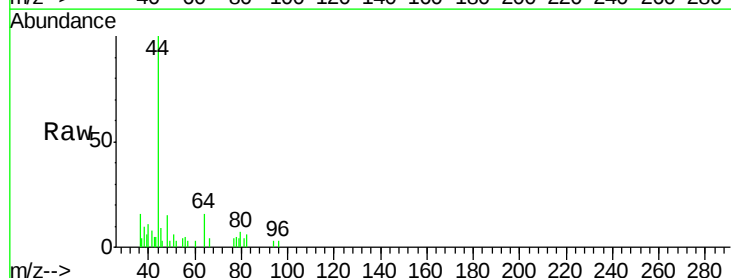
Acq: 09 May 2018 17:06

Tgt Ion: 56 Resp: 195

Ion Ratio Lower Upper

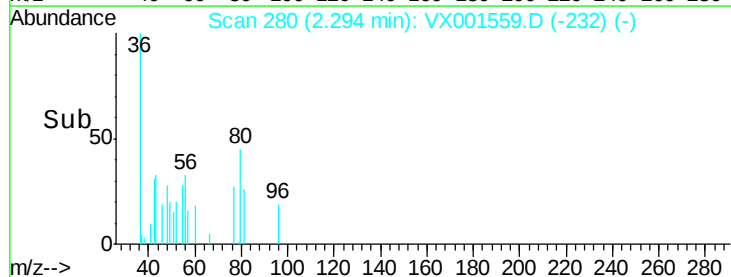
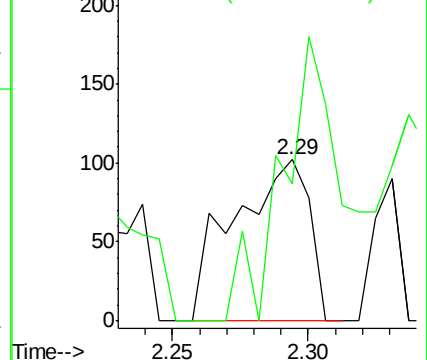
56 100

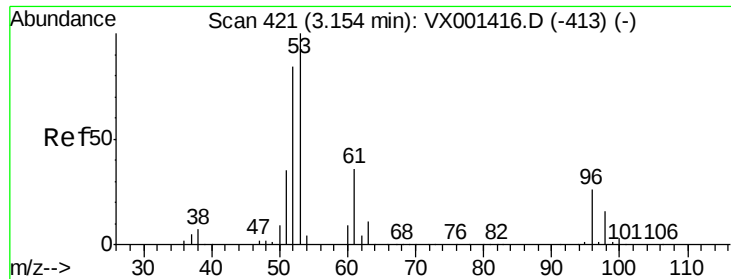
55 132.8 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0





#15

Acrylonitrile

Concen: 0.44 ug/l

RT: 3.16 min Scan# 422

Delta R.T. 0.01 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20180428RE

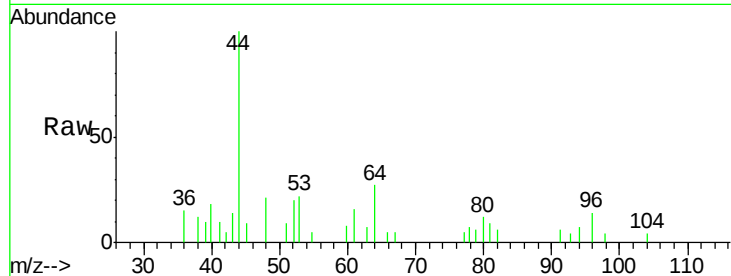
Tgt Ion: 53 Resp: 719

Ion Ratio Lower Upper

53 100

52 81.9 66.2 99.2

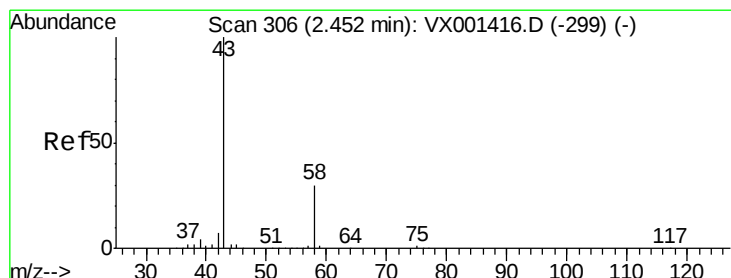
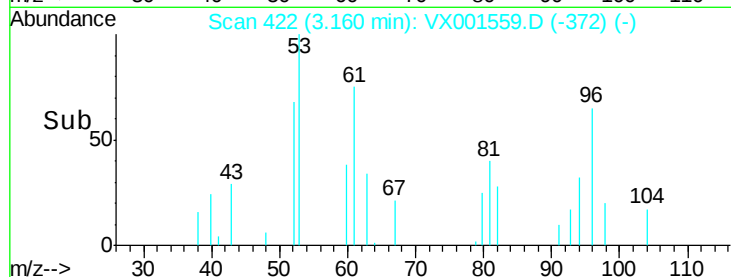
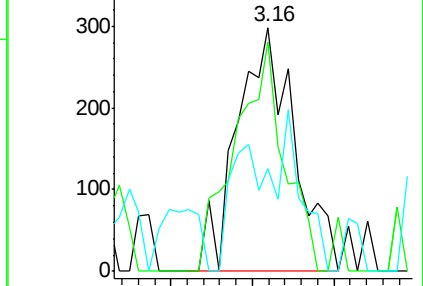
51 22.0 28.6 43.0#



Abundance Ion 53.00 (52.70 to 53.70): VX0

Ion 52.00 (51.70 to 52.70): VX0

Ion 51.00 (50.70 to 51.70): VX0



#16

Acetone

Concen: 0.51 ug/l

RT: 2.46 min Scan# 307

Delta R.T. 0.01 min

Lab File: VX001559.D

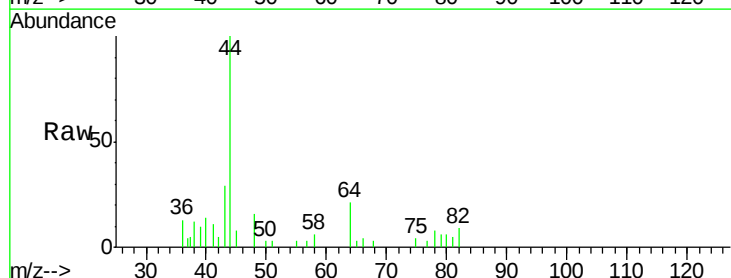
Acq: 09 May 2018 17:06

Tgt Ion: 43 Resp: 793

Ion Ratio Lower Upper

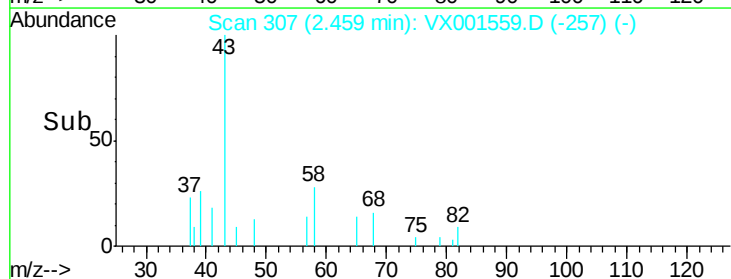
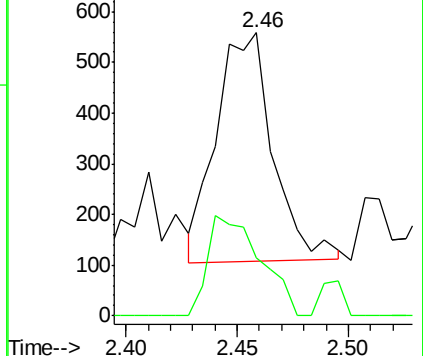
43 100

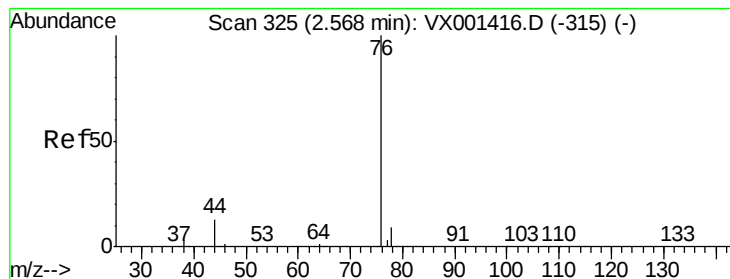
58 26.9 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0





#17

Carbon Disulfide

Concen: 0.23 ug/l

RT: 2.57 min Scan# 325

Delta R.T. 0.00 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

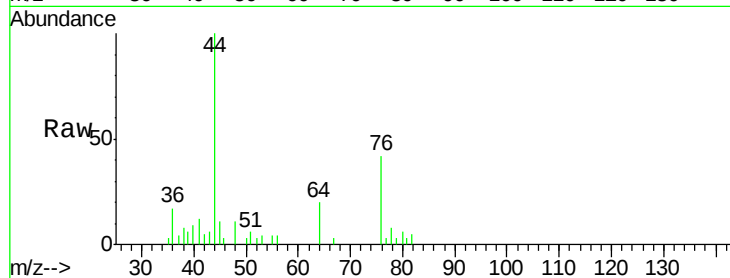
BP-TB03-20180428RE

Tgt Ion: 76 Resp: 1551

Ion Ratio Lower Upper

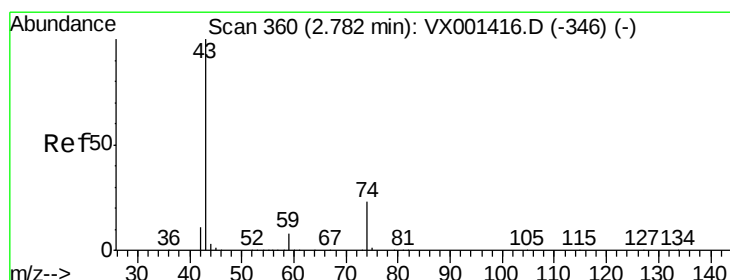
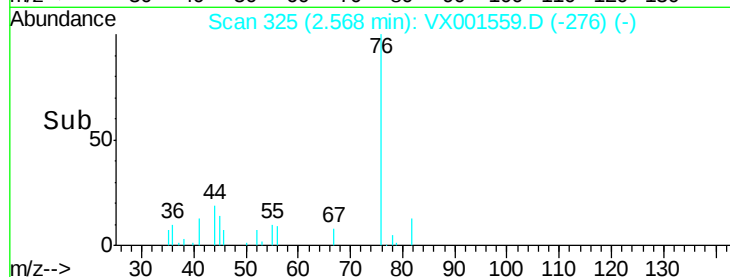
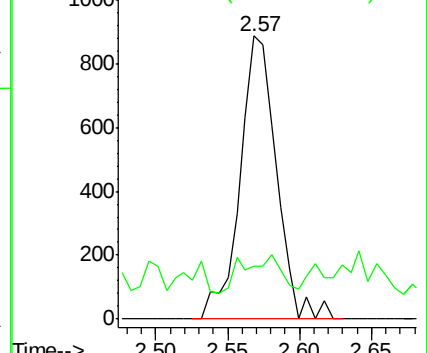
76 100

78 4.6 7.4 11.2#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0



#18

Methyl Acetate

Concen: 0.21 ug/l

RT: 2.79 min Scan# 362

Delta R.T. 0.01 min

Lab File: VX001559.D

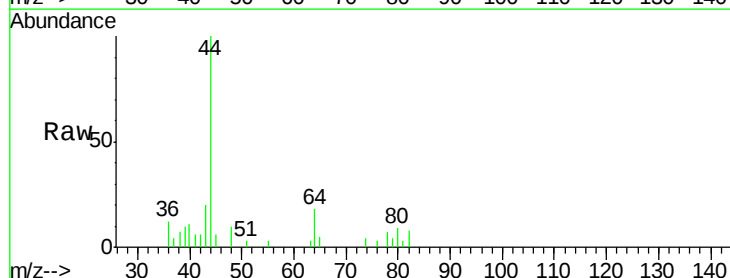
Acq: 09 May 2018 17:06

Tgt Ion: 43 Resp: 861

Ion Ratio Lower Upper

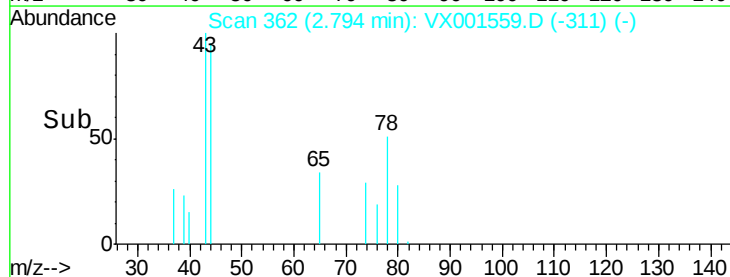
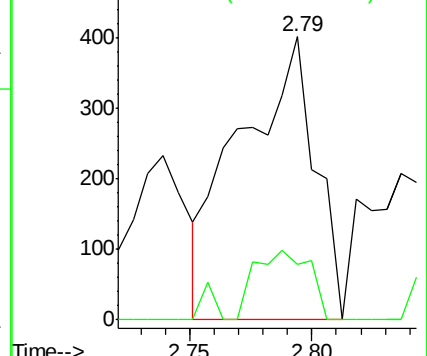
43 100

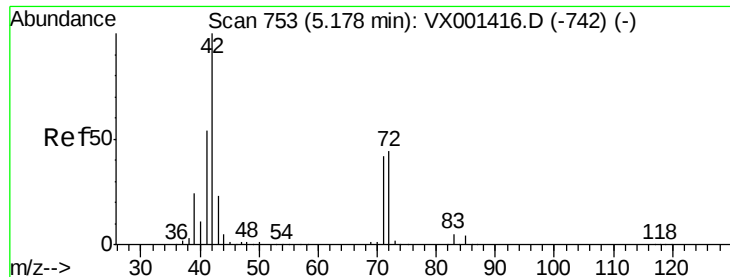
74 18.0 18.6 27.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 74.00 (73.70 to 74.70): VX0

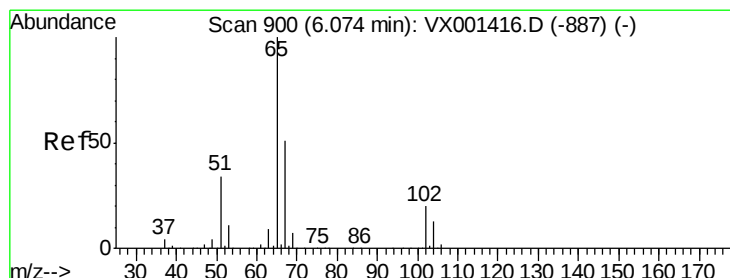
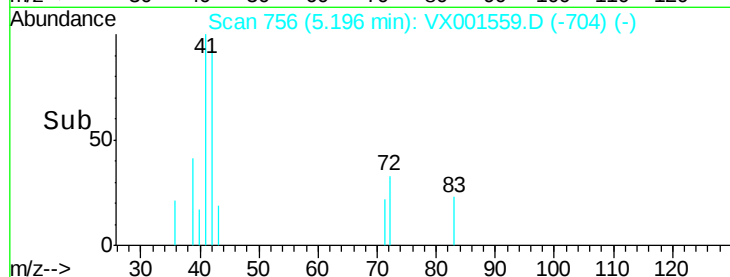
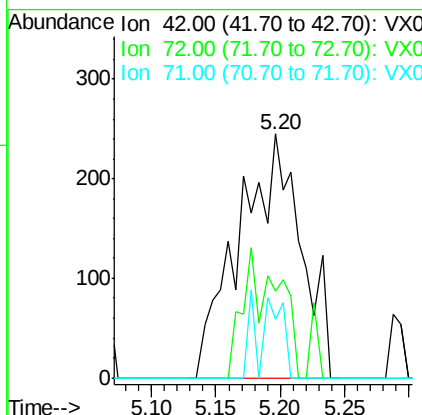
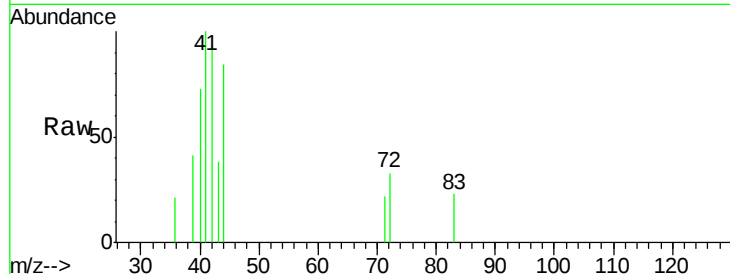




#29
Tetrahydrofuran
Concen: 0.57 ug/l
RT: 5.20 min Scan# 756
Delta R.T. 0.02 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

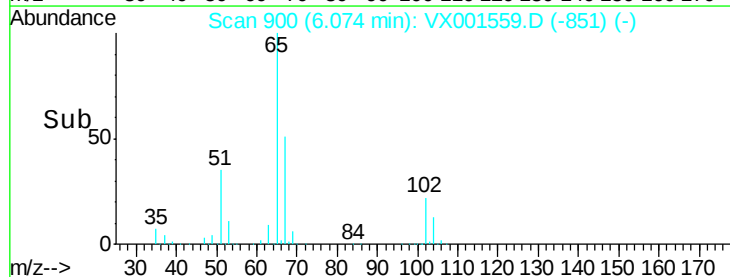
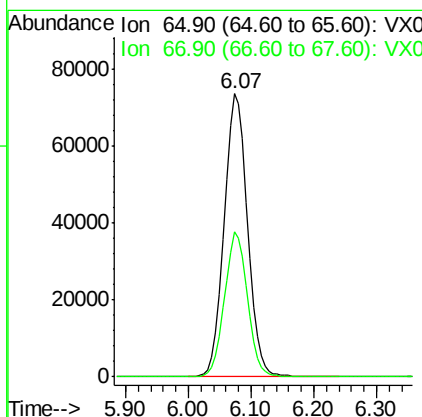
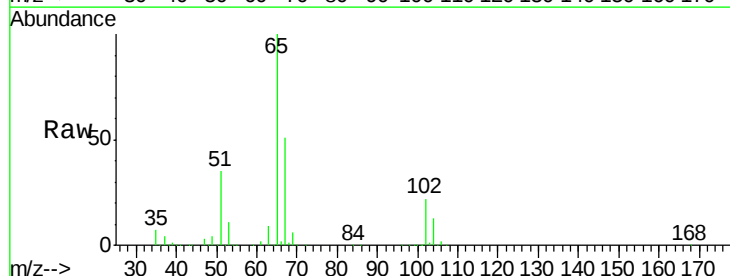
Instrument :
MSVOA_X
ClientSampleId :
BP-TB03-20180428RE

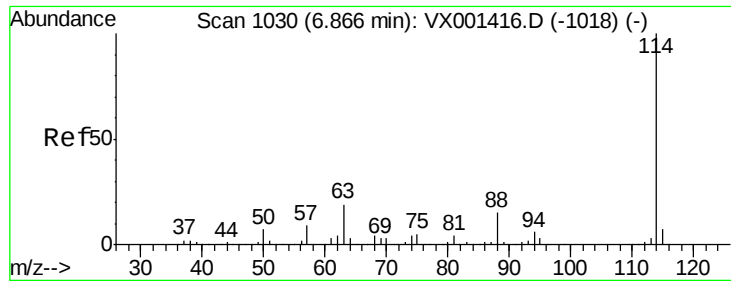
Tgt Ion: 42 Resp: 818
Ion Ratio Lower Upper
42 100
72 0.0 35.4 53.2#
71 9.5 33.0 49.4#



#33
1,2-Dichloroethane-d4
Concen: 55.97 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

Tgt Ion: 65 Resp: 190091
Ion Ratio Lower Upper
65 100
67 50.2 0.0 101.8





#34

1,4-Difluorobenzene

Concen: 50.00 ug/l

RT: 6.87 min Scan# 1030

Delta R.T. 0.00 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20180428RE

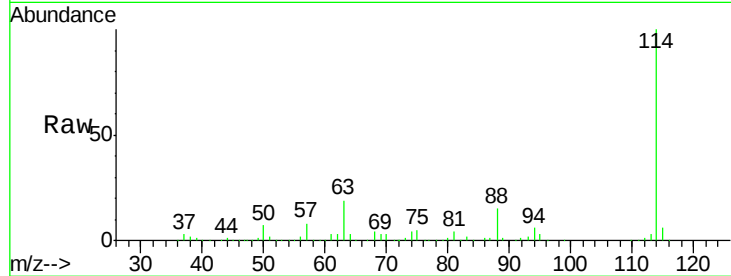
Tgt Ion:114 Resp: 323693

Ion Ratio Lower Upper

114 100

63 18.8 0.0 38.6

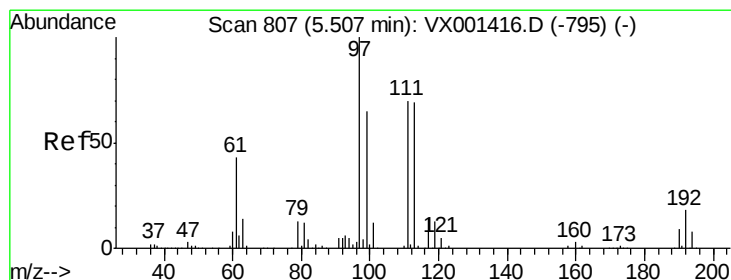
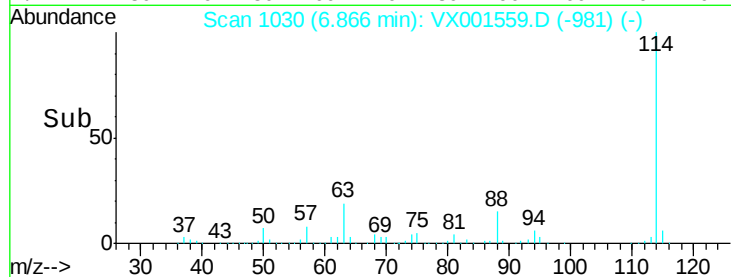
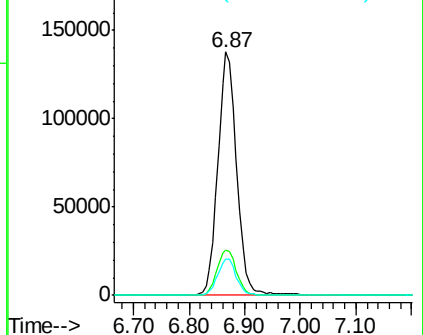
88 14.8 0.0 30.8



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: 51.66 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

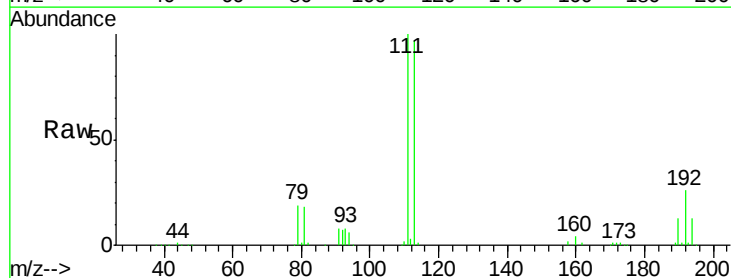
Tgt Ion:113 Resp: 148727

Ion Ratio Lower Upper

113 100

111 102.5 82.2 123.2

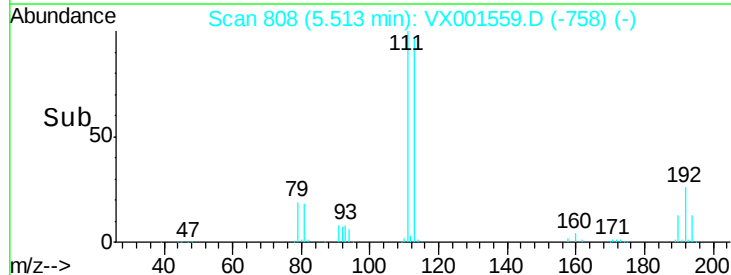
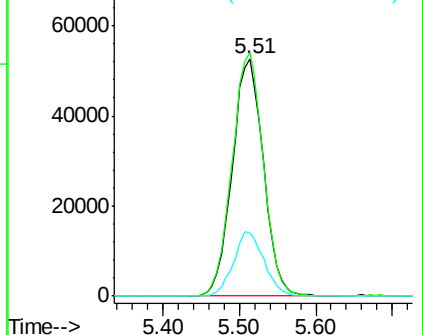
192 26.5 21.4 32.0

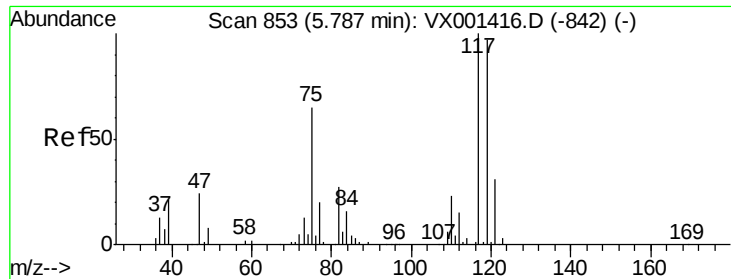


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V





#38

Carbon Tetrachloride

Concen: 4.62 ug/l

RT: 5.67 min Scan# 834

Delta R.T. -0.12 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

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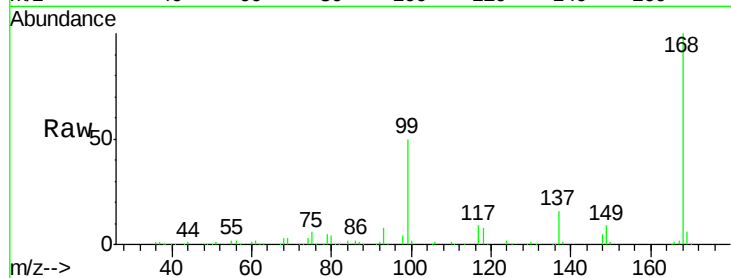
Tgt Ion: 117 Resp: 20299

Ion Ratio Lower Upper

117 100

119 4.8 77.0 115.6#

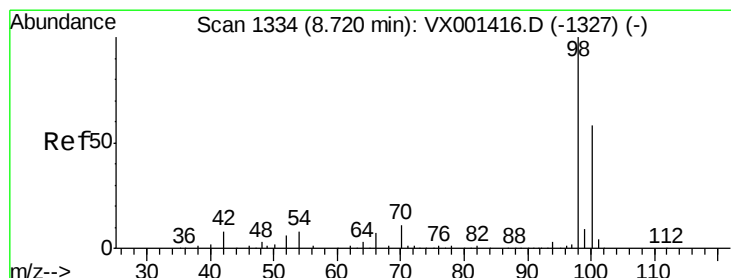
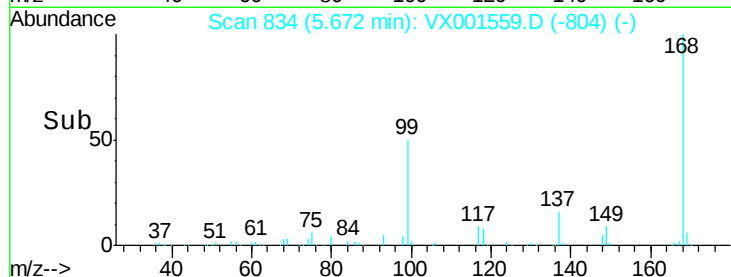
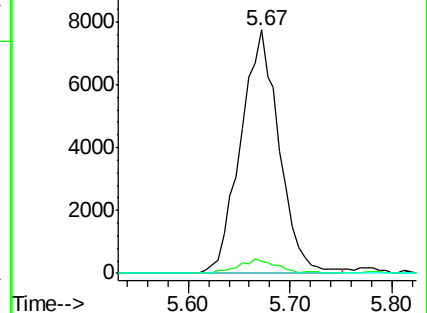
121 0.0 25.1 37.7#



Abundance Ion 116.80 (116.50 to 117.50): V

Ion 118.80 (118.50 to 119.50): V

Ion 120.80 (120.50 to 121.50): V



#50

Toluene-d8

Concen: 50.38 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001559.D

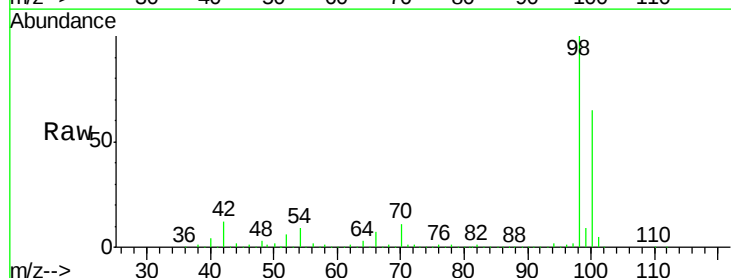
Acq: 09 May 2018 17:06

Tgt Ion: 98 Resp: 529455

Ion Ratio Lower Upper

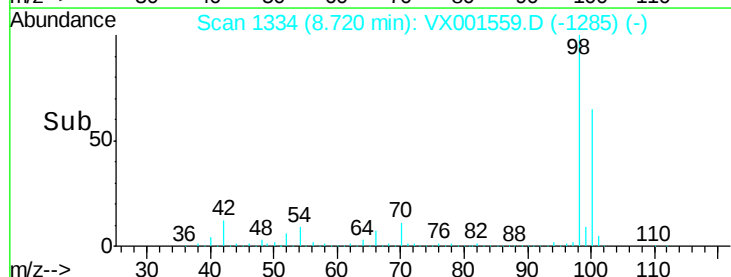
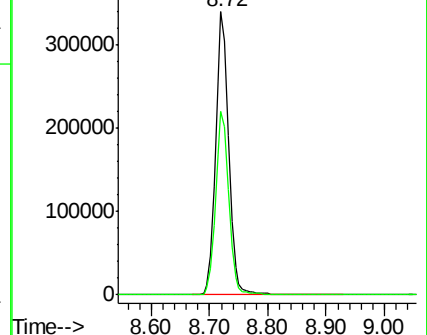
98 100

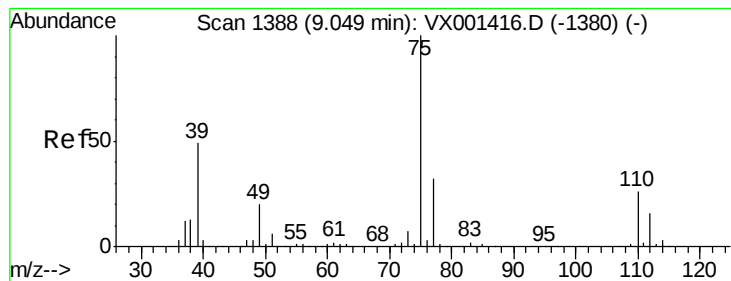
100 65.5 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): V



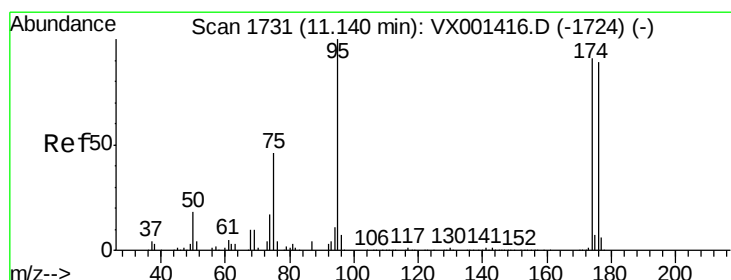
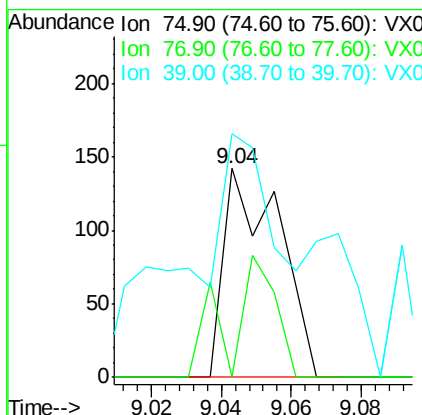
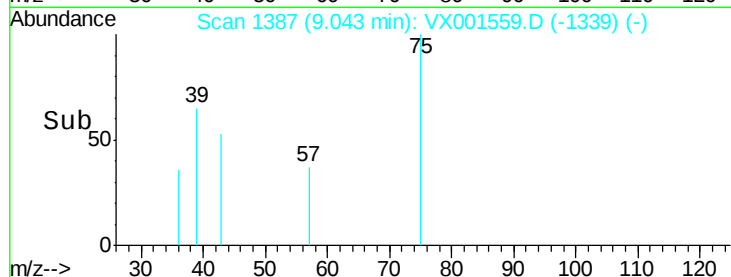
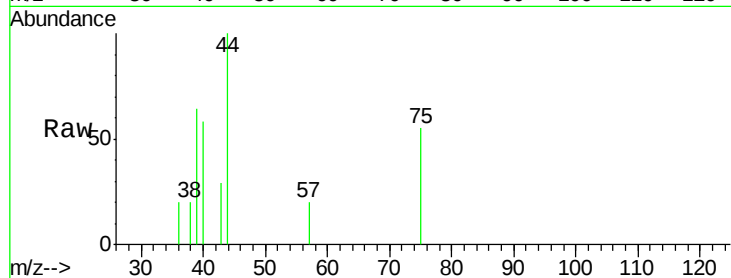


#54

cis-1,3-Dichloropropene
Concen: 2.30 ug/l
RT: 9.04 min Scan# 1387
Delta R.T. -0.01 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TB03-20180428RE

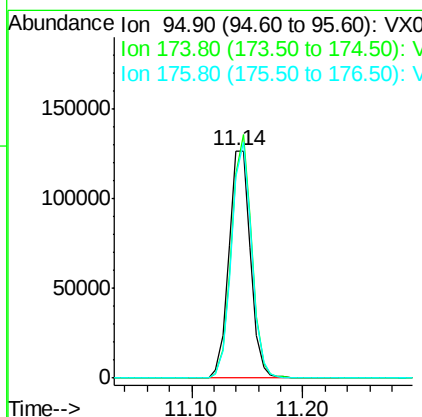
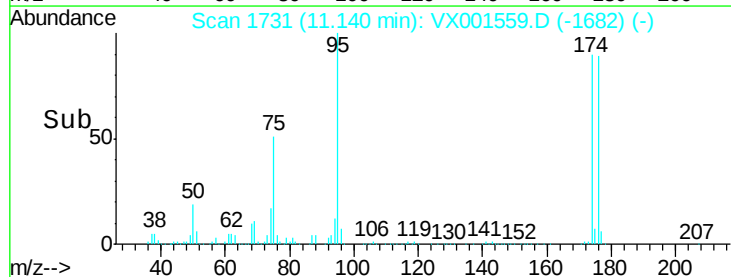
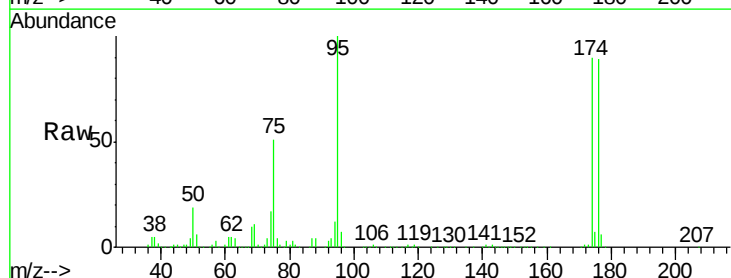
Tgt Ion: 75 Resp: 156
Ion Ratio Lower Upper
75 100
77 0.0 25.5 38.3#
39 64.8 38.9 58.3#

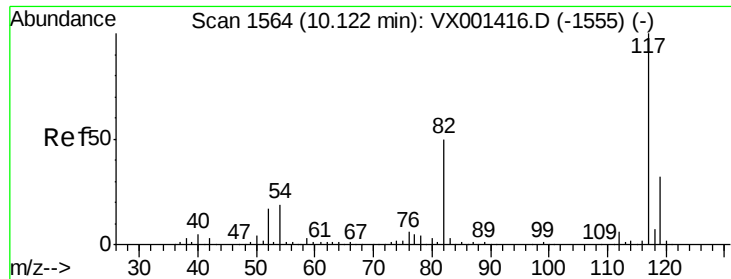


#62

4-Bromofluorobenzene
Concen: 41.99 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

Tgt Ion: 95 Resp: 169394
Ion Ratio Lower Upper
95 100
174 100.2 0.0 202.0
176 97.5 0.0 197.4

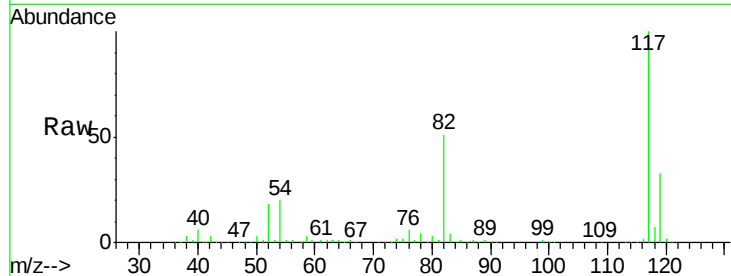




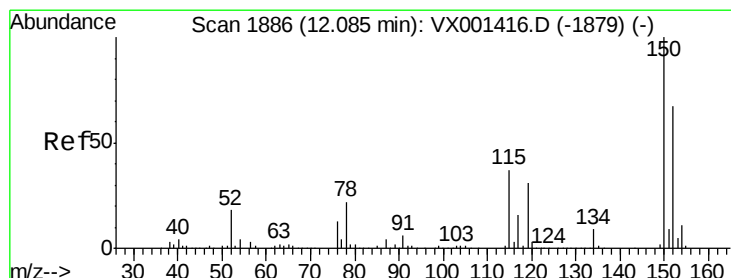
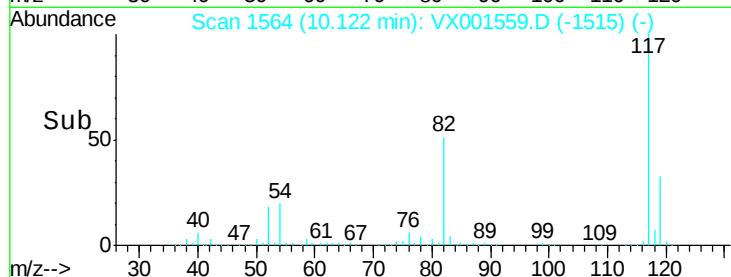
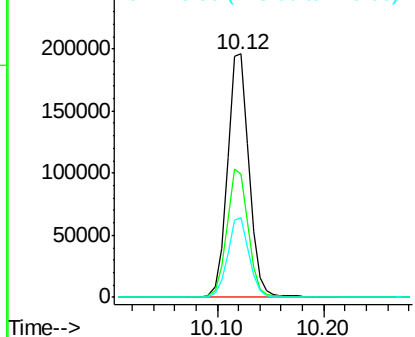
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

Instrument :
MSVOA_X
ClientSampleId :
BP-TB03-20180428RE

Tgt Ion:117 Resp: 278183
Ion Ratio Lower Upper
117 100
82 50.8 40.0 60.0
119 32.6 25.8 38.8

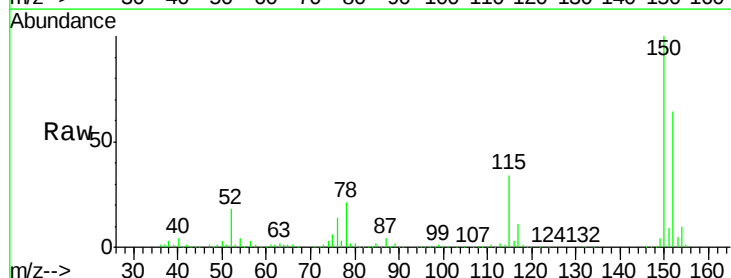


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

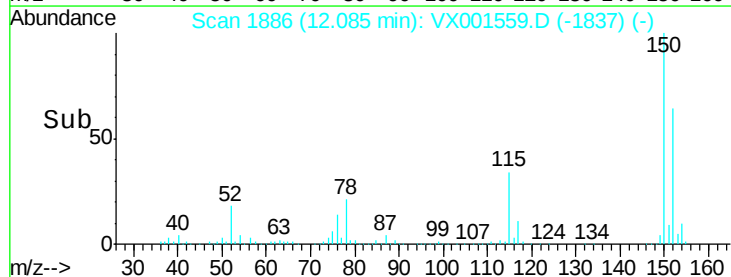
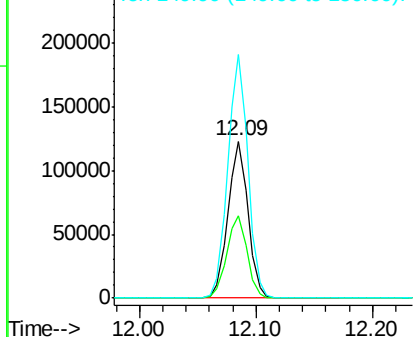


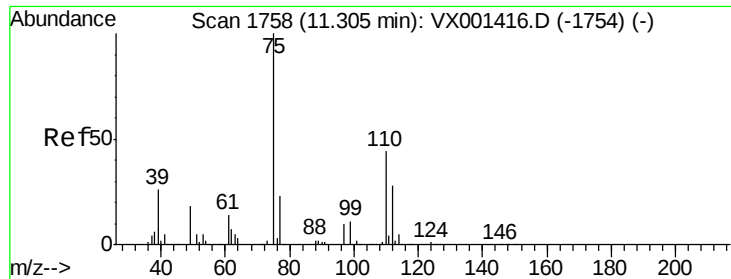
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001559.D
Acq: 09 May 2018 17:06

Tgt Ion:152 Resp: 146138
Ion Ratio Lower Upper
152 100
115 53.2 37.7 113.1
150 156.5 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





#76

1,2,3-Trichloropropane

Concen: 28.63 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

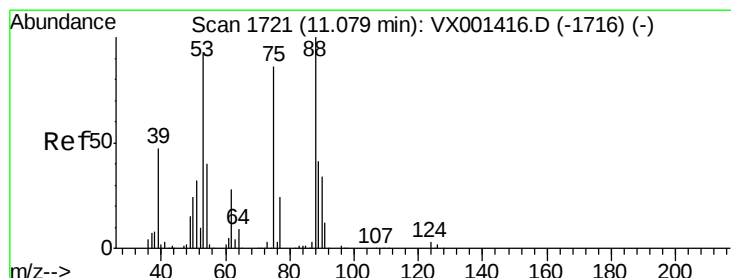
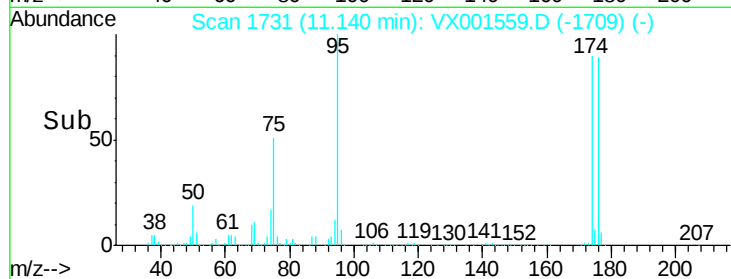
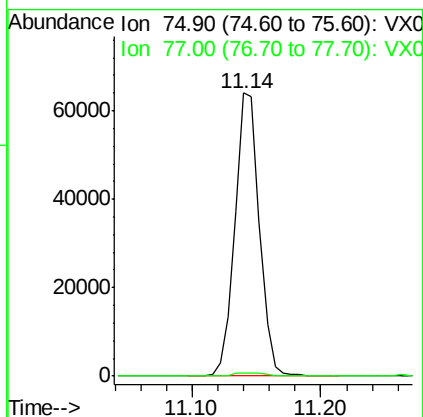
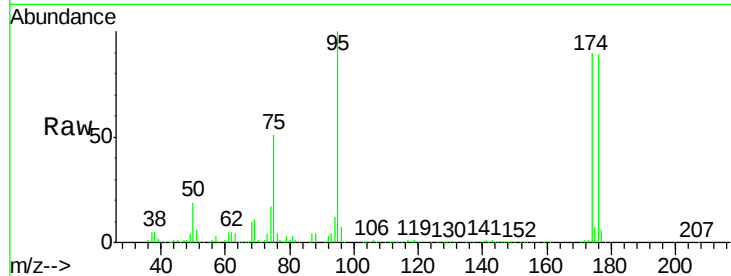
BP-TB03-20180428RE

Tgt Ion: 75 Resp: 84845

Ion Ratio Lower Upper

75 100

77 1.3 19.6 58.7#



#81

trans-1,4-Dichloro-2-butene

Concen: 87.73 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001559.D

Acq: 09 May 2018 17:06

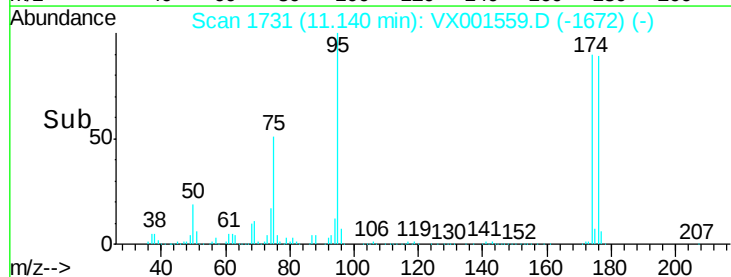
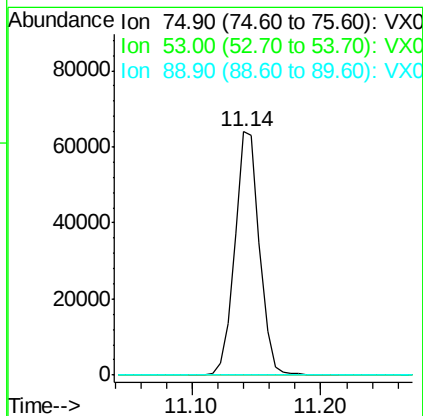
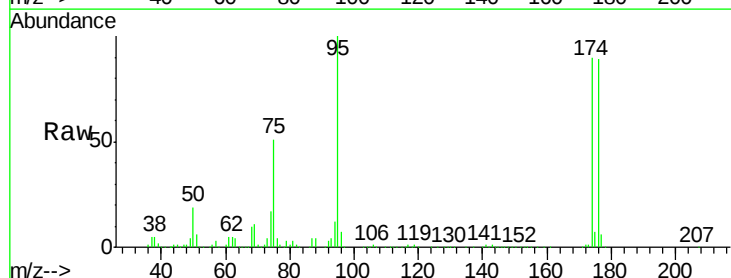
Tgt Ion: 75 Resp: 84845

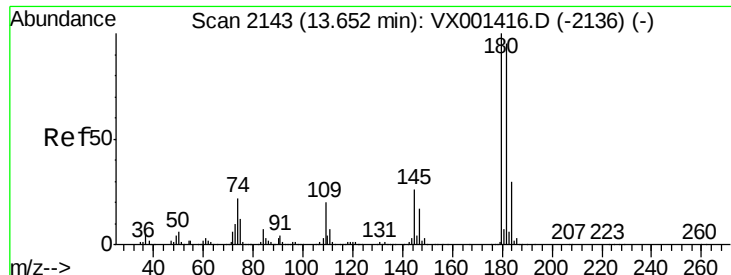
Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

89 0.1 39.5 59.3#





#93

1,2,4-Trichlorobenzene

Concen: 0.21 ug/l

RT: 13.66 min Scan# 2144

Delta R.T. 0.01 min

Lab File: VX001559.D

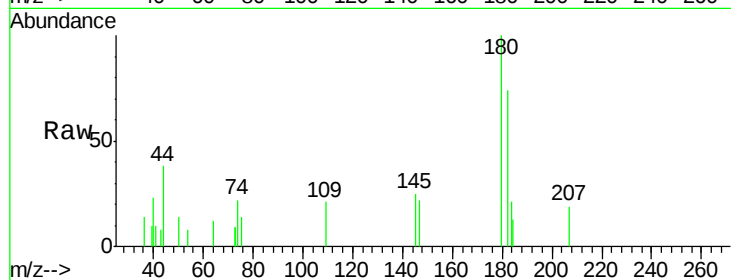
Acq: 09 May 2018 17:06

Instrument :

MSVOA_X

ClientSampleId :

BP-TB03-20180428RE



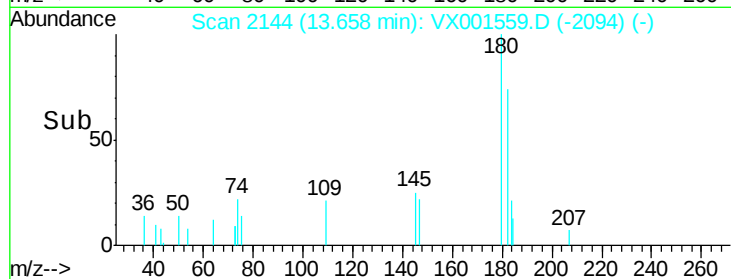
Tgt Ion:180 Resp: 816

Ion Ratio Lower Upper

180 100

182 99.0 47.8 143.4

145 35.0 13.3 39.9



Abundance Ion 179.80 (179.50 to 180.50): V

Ion 181.80 (181.50 to 182.50): V

Ion 144.80 (144.50 to 145.50): V

800

600

400

200

0

13.60

13.65

13.70

Time-->