

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050618\
 Data File : VX001456.D
 Acq On : 06 May 2018 20:38
 Operator : JC/MD
 Sample : J2659-20
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB02-20180429

Quant Time: May 07 07:12:13 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	309727	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	429780	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	381731	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	214813	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	254639	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	5.51	113	196680	51.45	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.90%	
50) Toluene-d8	8.72	98	701127	50.25	ug/l	0.00
Spiked Amount	50.000		Recovery	=	100.50%	
62) 4-Bromofluorobenzene	11.14	95	236410	44.13	ug/l	0.00
Spiked Amount	50.000		Recovery	=	88.26%	

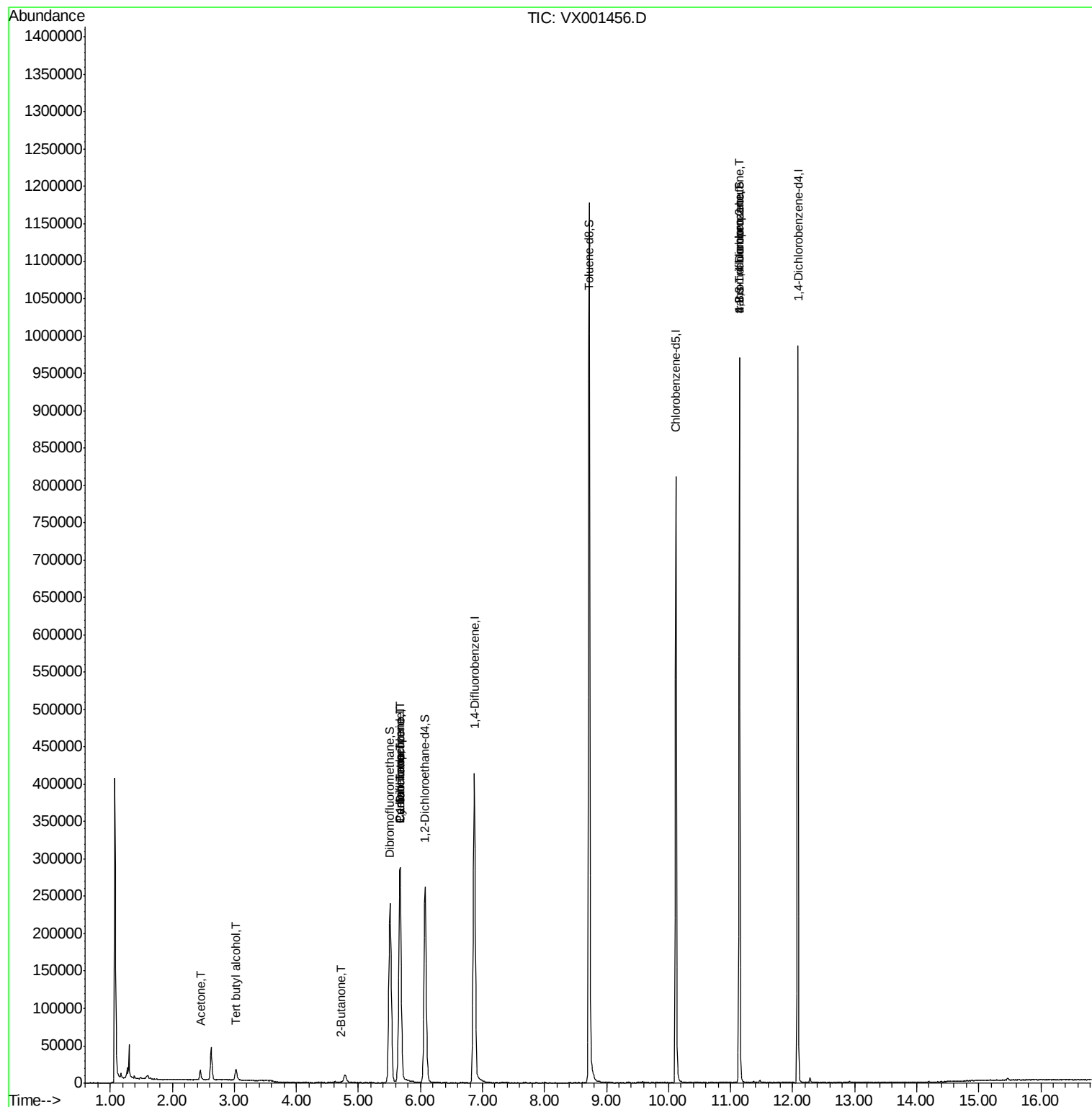
Target Compounds						Qvalue
5) Bromomethane	1.65	94	660	Below Cal	#	75
11) Tert butyl alcohol	3.03	59	8442	8.99	ug/l #	77
13) Acrolein	2.29	56	143	Below Cal	#	67
16) Acetone	2.45	43	13890	6.87	ug/l	99
25) 2-Butanone	4.72	43	2120	0.73	ug/l	95
31) Cyclohexane	5.67	56	5307	0.93	ug/l #	4
36) 1,1-Dichloropropene	5.67	75	19165	3.51	ug/l #	49
38) Carbon Tetrachloride	5.67	117	26518	4.55	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	118604	27.22	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	118604	83.64	ug/l #	7

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

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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: VX001456.D

Acq: 06 May 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

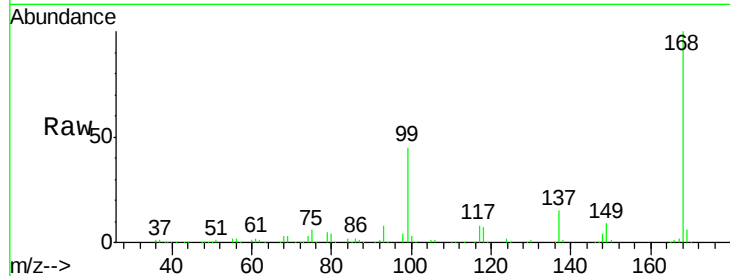
BP-EB02-20180429

Tgt Ion:168 Resp: 309727

Ion Ratio Lower Upper

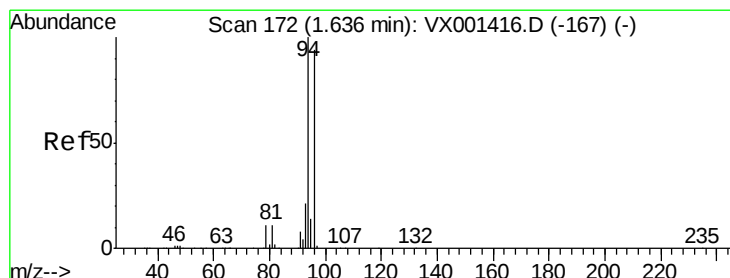
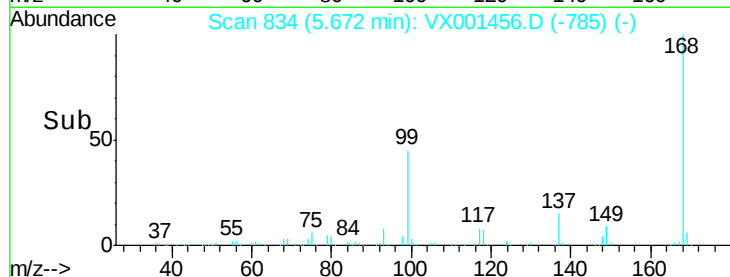
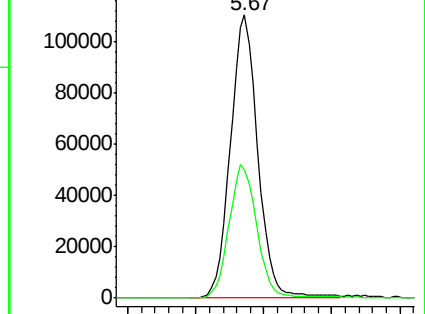
168 100

99 45.3 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: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX001456.D

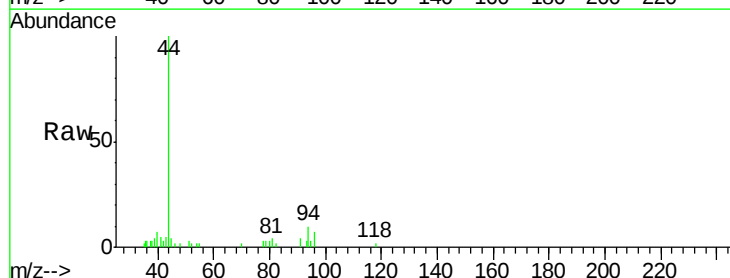
Acq: 06 May 2018 20:38

Tgt Ion: 94 Resp: 660

Ion Ratio Lower Upper

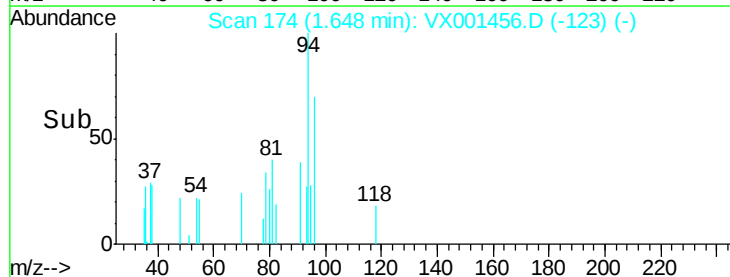
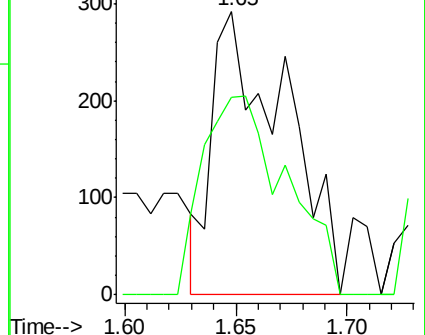
94 100

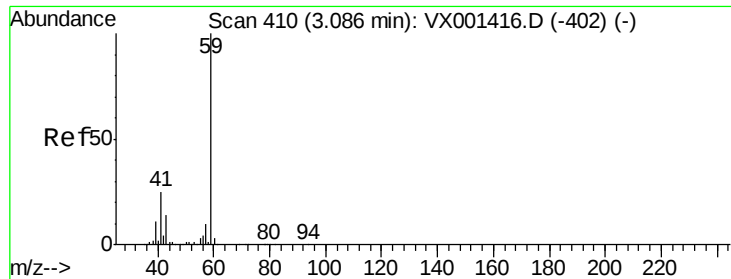
96 69.5 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

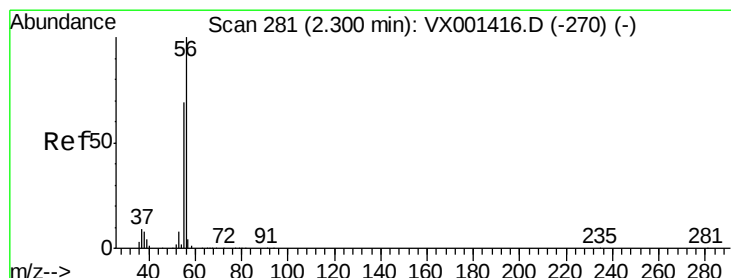
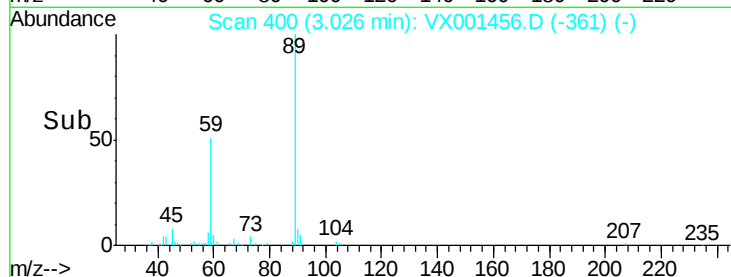
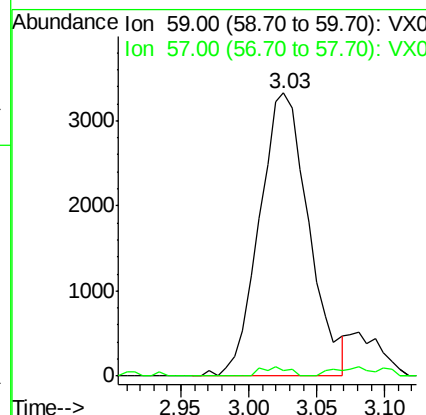
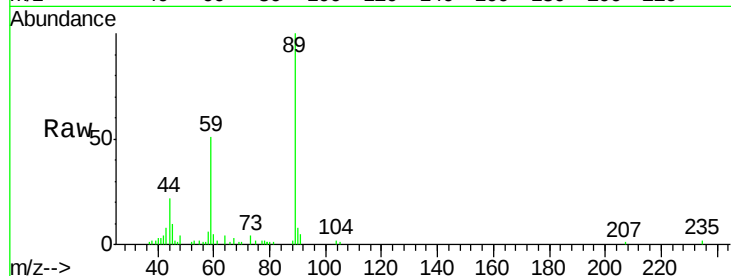




#11
Tert butyl alcohol
Concen: 8.99 ug/l
RT: 3.03 min Scan# 400
Delta R.T. -0.06 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

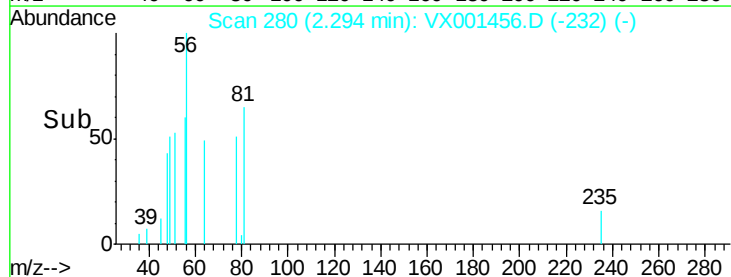
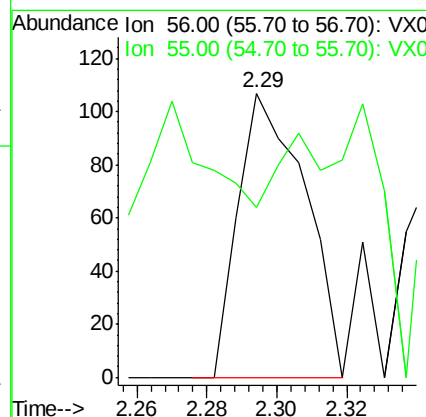
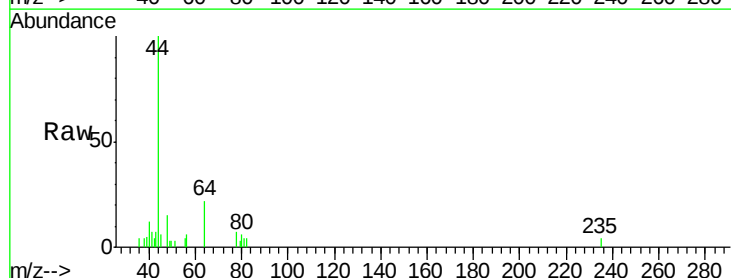
Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

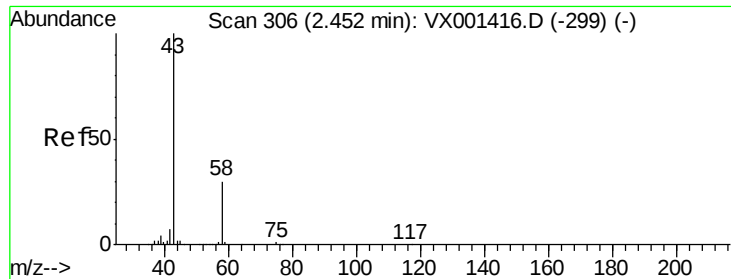
Tgt Ion: 59 Resp: 8442
Ion Ratio Lower Upper
59 100
57 1.8 8.2 12.4#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

Tgt Ion: 56 Resp: 143
Ion Ratio Lower Upper
56 100
55 41.3 54.5 81.7#





#16

Acetone

Concen: 6.87 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

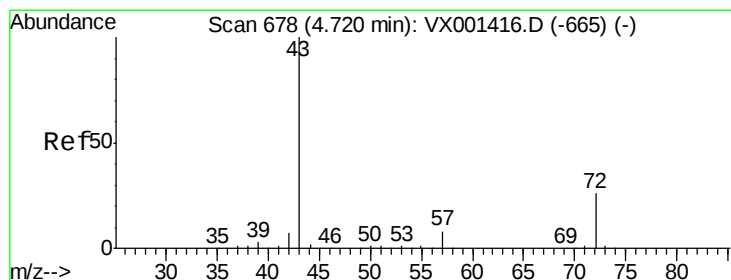
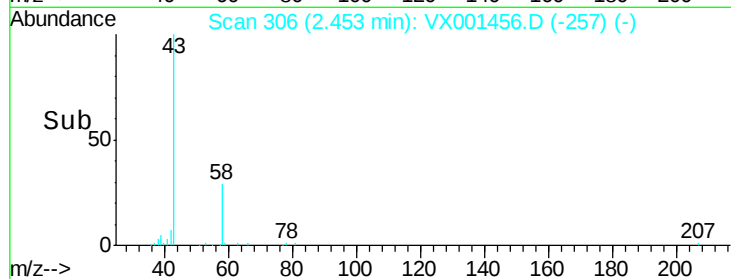
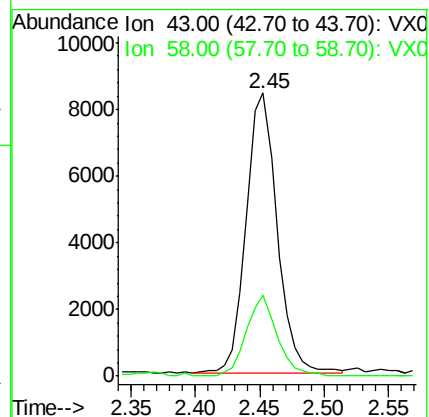
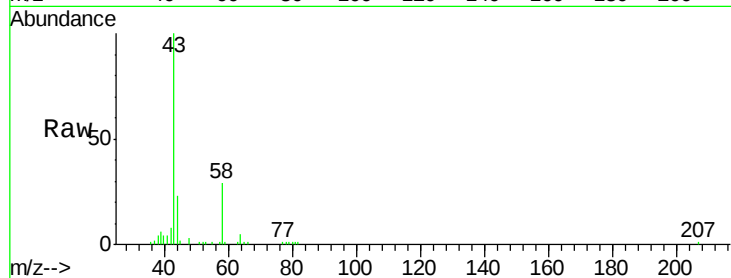
BP-EB02-20180429

Tgt Ion: 43 Resp: 13890

Ion Ratio Lower Upper

43 100

58 29.2 23.8 35.8



#25

2-Butanone

Concen: 0.73 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001456.D

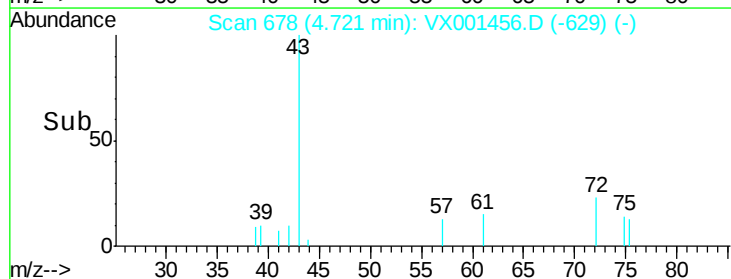
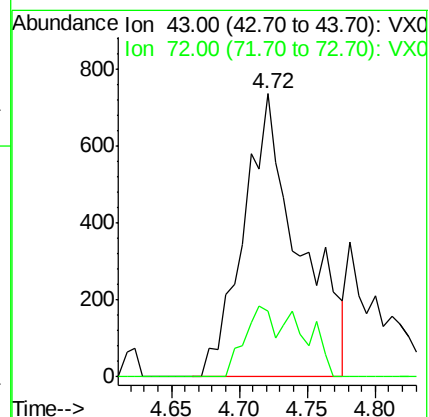
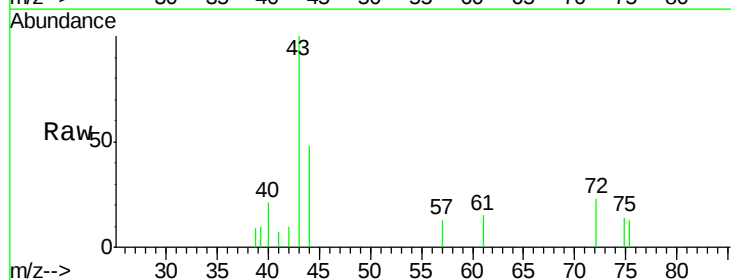
Acq: 06 May 2018 20:38

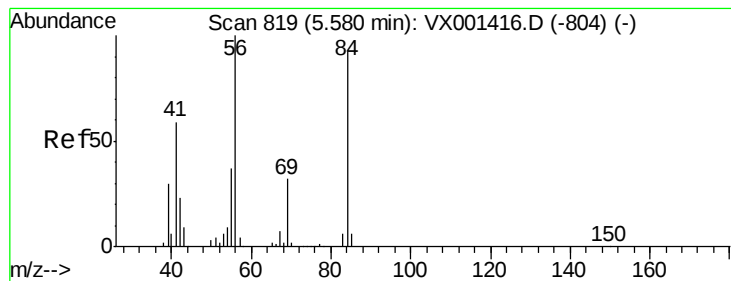
Tgt Ion: 43 Resp: 2120

Ion Ratio Lower Upper

43 100

72 23.2 20.7 31.1





#31

Cyclohexane

Concen: 0.93 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

BP-EB02-20180429

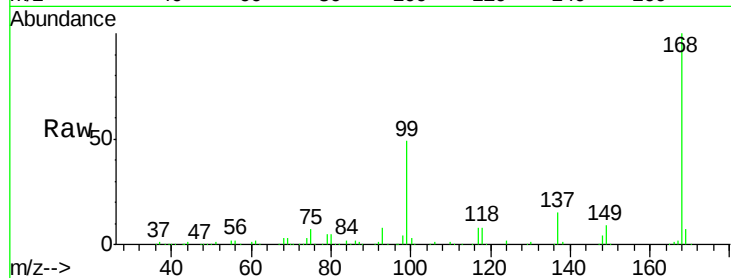
Tgt Ion: 56 Resp: 5307

Ion Ratio Lower Upper

56 100

69 177.6 25.4 38.0#

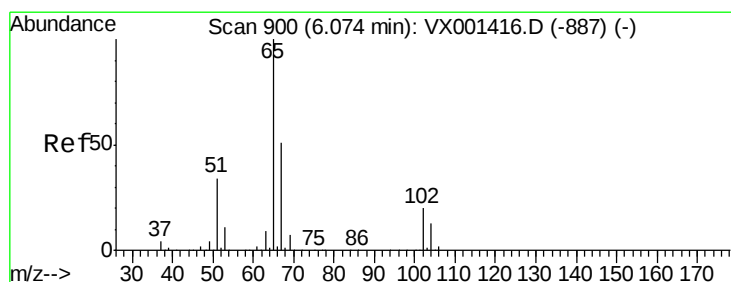
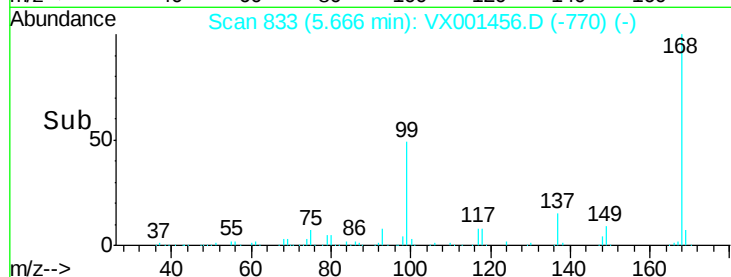
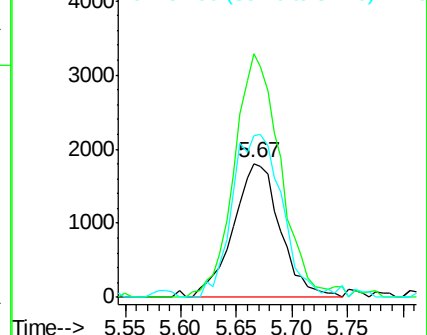
84 129.5 73.8 110.8#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 69.00 (68.70 to 69.70): VX0

Ion 84.00 (83.70 to 84.70): VX0



#33

1,2-Dichloroethane-d4

Concen: 57.20 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001456.D

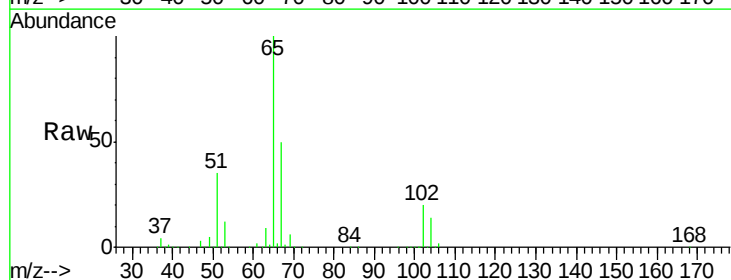
Acq: 06 May 2018 20:38

Tgt Ion: 65 Resp: 254639

Ion Ratio Lower Upper

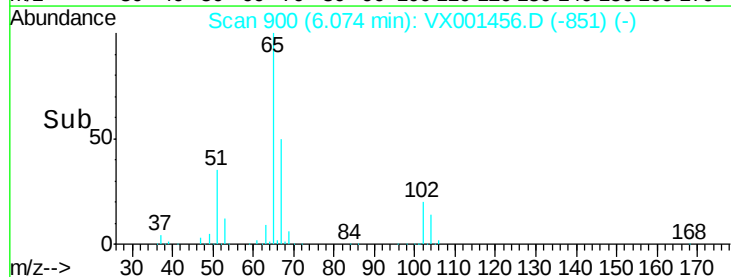
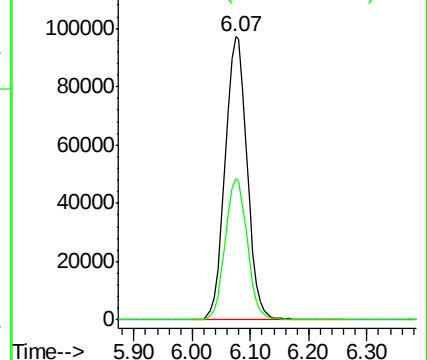
65 100

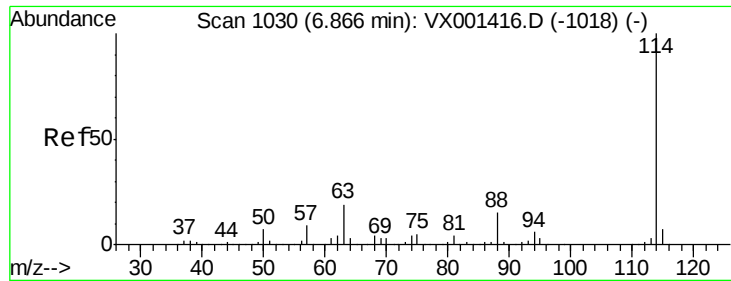
67 50.2 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0

Ion 66.90 (66.60 to 67.60): VX0

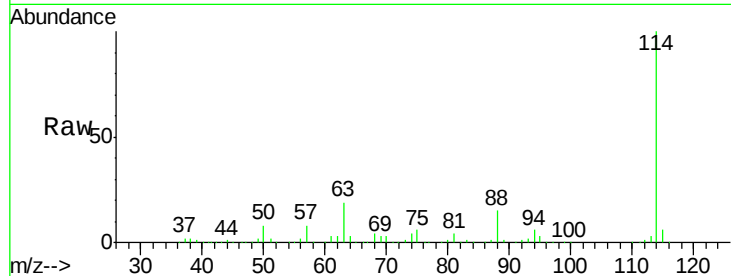




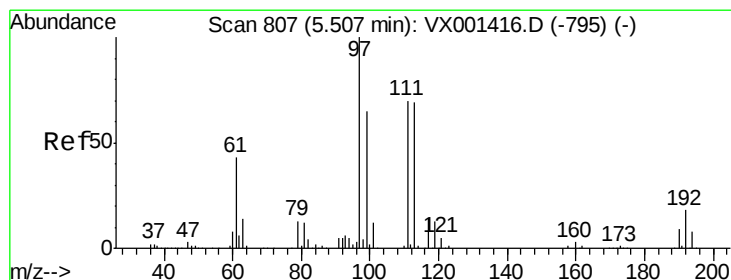
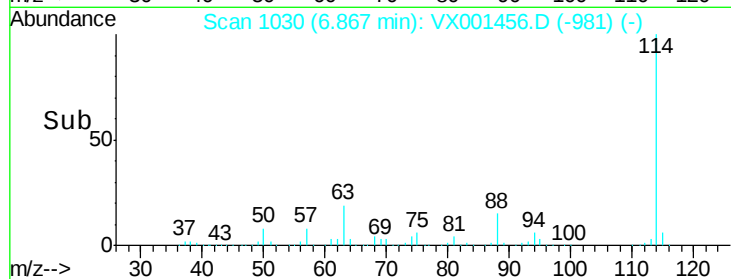
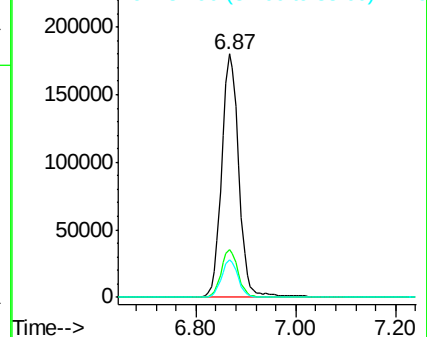
#34
1,4-Difluorobenzene
Concen: 50.00 ug/l
RT: 6.87 min Scan# 1030
Delta R.T. 0.00 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

Tgt Ion:114 Resp: 429780
Ion Ratio Lower Upper
114 100
63 19.5 0.0 38.6
88 15.2 0.0 30.8

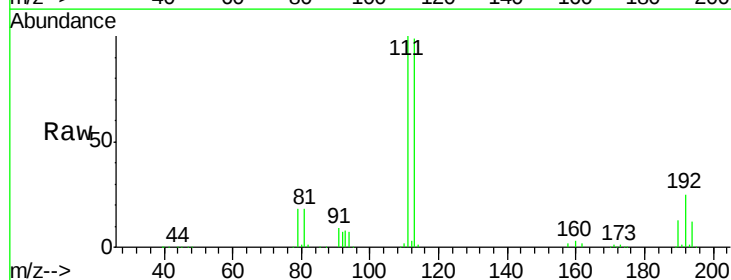


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VX
Ion 87.90 (87.60 to 88.60): VX

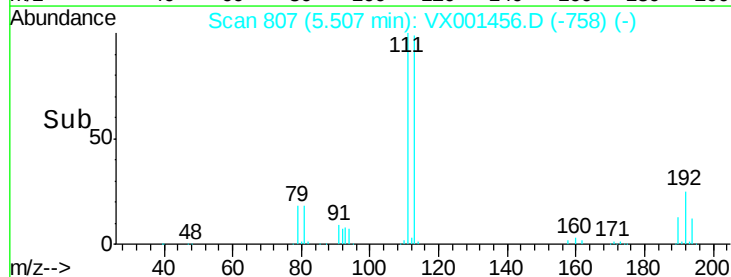
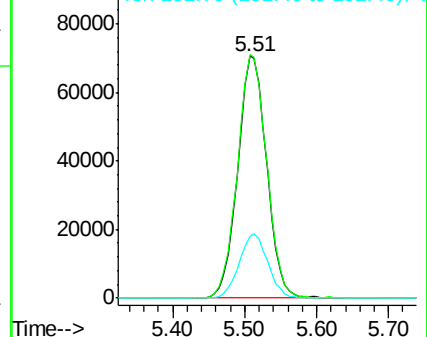


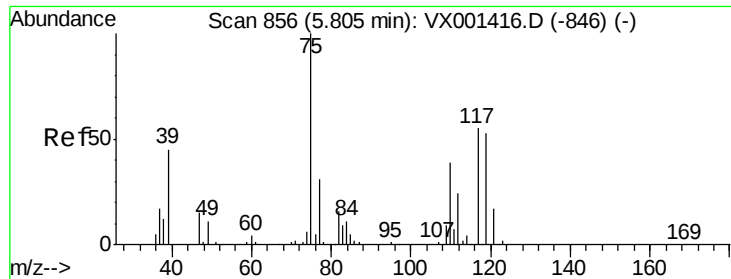
#35
Dibromofluoromethane
Concen: 51.45 ug/l
RT: 5.51 min Scan# 807
Delta R.T. 0.00 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

Tgt Ion:113 Resp: 196680
Ion Ratio Lower Upper
113 100
111 101.7 82.2 123.2
192 26.3 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

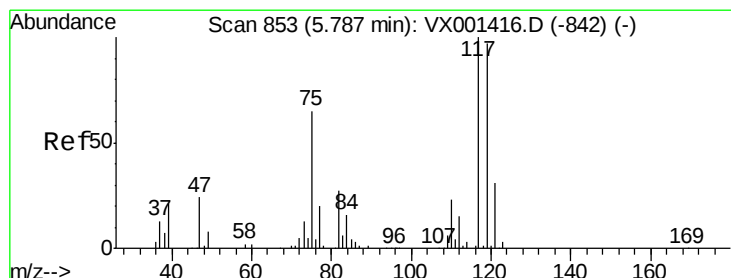
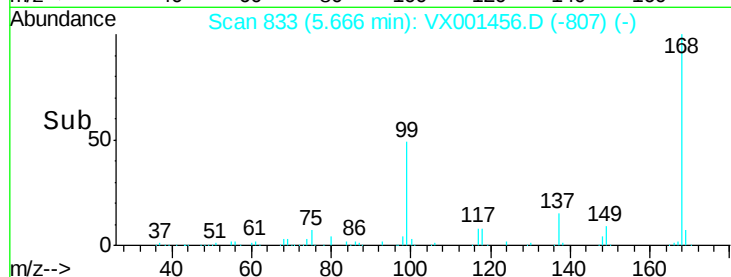
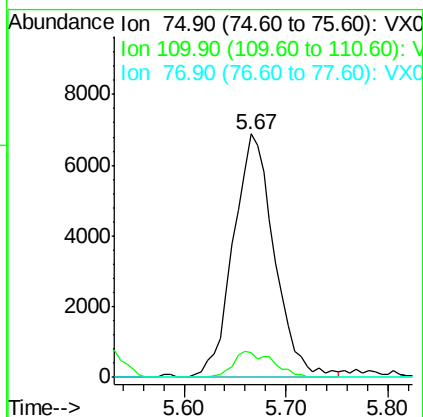
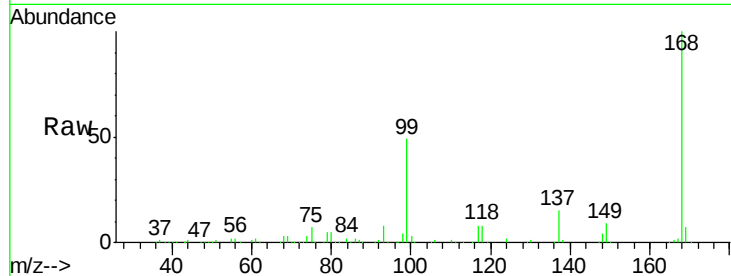




#36
 1,1-Dichloropropene
 Concen: 3.51 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001456.D
 Acq: 06 May 2018 20:38

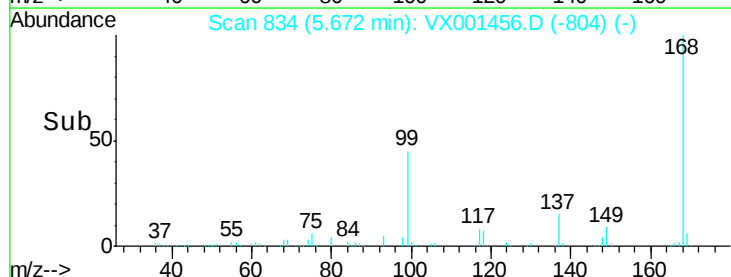
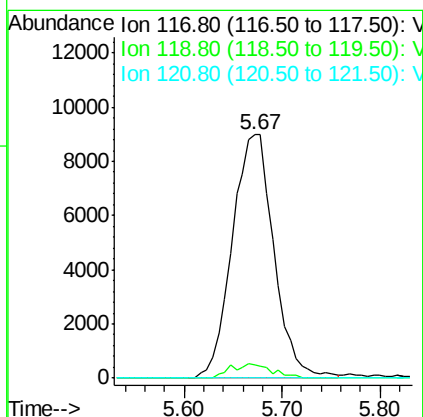
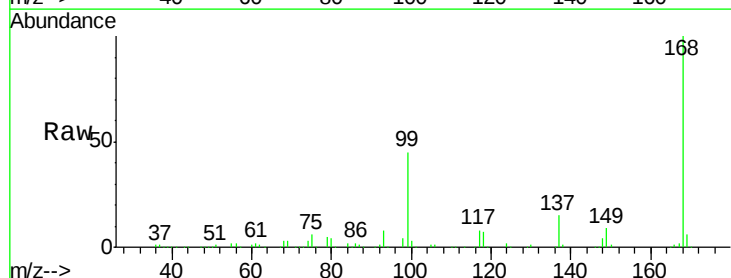
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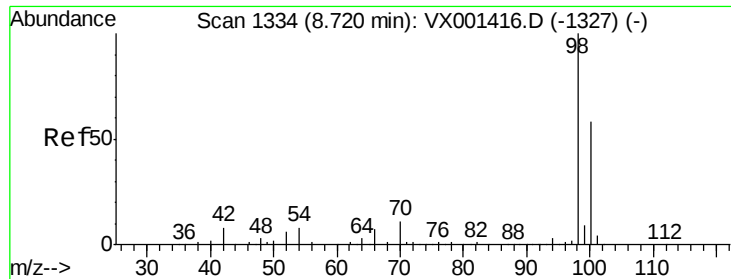
Tgt Ion: 75 Resp: 19165
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.55 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001456.D
 Acq: 06 May 2018 20:38

Tgt Ion: 117 Resp: 26518
 Ion Ratio Lower Upper
 117 100
 119 5.6 77.0 115.6#
 121 0.0 25.1 37.7#





#50

Toluene-d8

Concen: 50.25 ug/l

RT: 8.72 min Scan# 1334

Delta R.T. 0.00 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

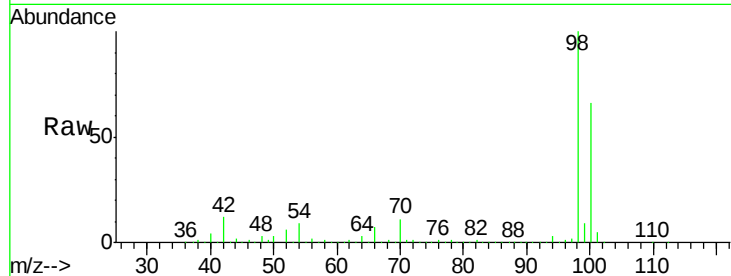
BP-EB02-20180429

Tgt Ion: 98 Resp: 701127

Ion Ratio Lower Upper

98 100

100 65.9 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0

Ion 100.00 (99.70 to 100.70): VX

8.72

400000

300000

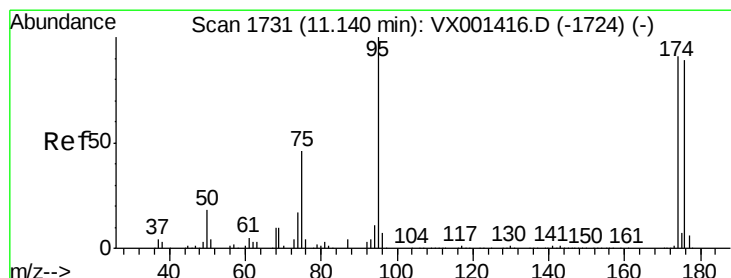
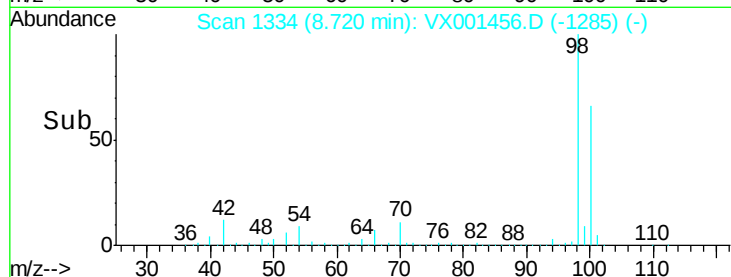
200000

100000

0

Time-->

8.60 8.70 8.80 8.90 9.00



#62

4-Bromofluorobenzene

Concen: 44.13 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.00 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

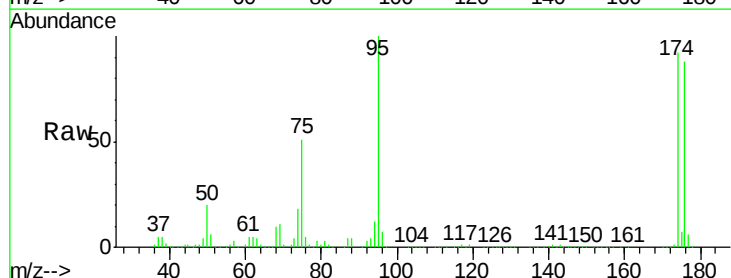
Tgt Ion: 95 Resp: 236410

Ion Ratio Lower Upper

95 100

174 101.0 0.0 202.0

176 98.0 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

250000

200000

150000

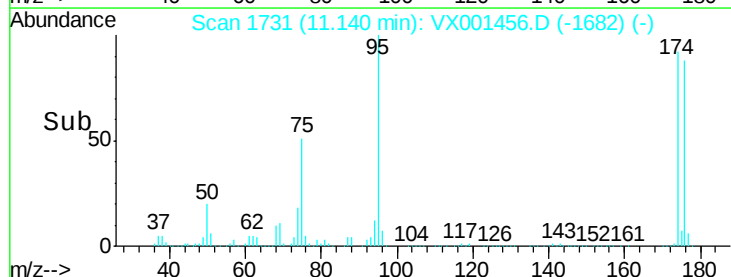
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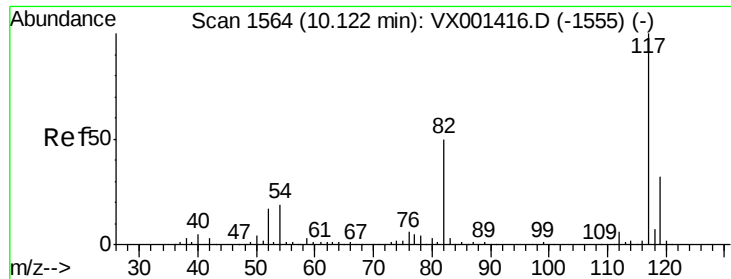
50000

0

Time-->

11.10 11.20

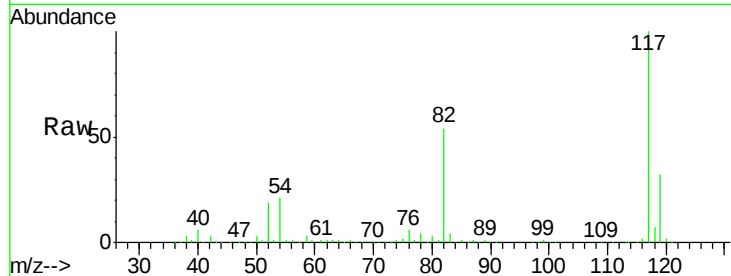




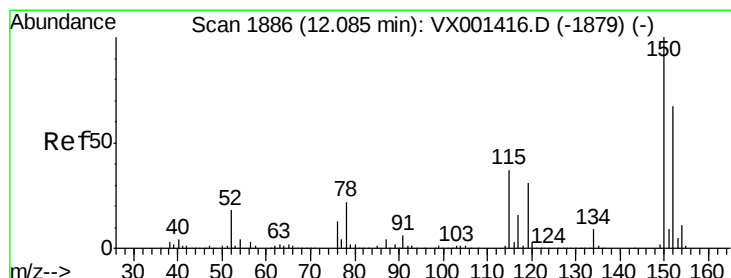
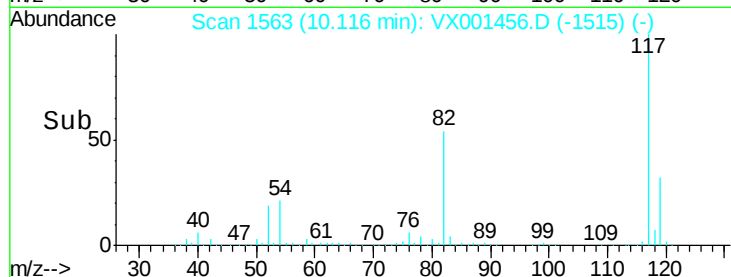
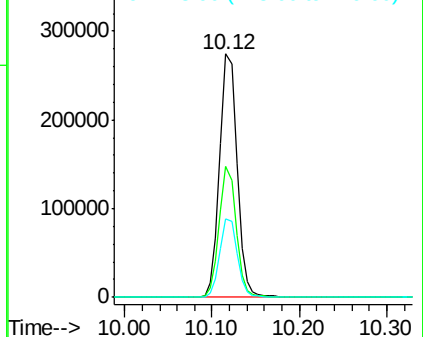
#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

Instrument :
MSVOA_X
ClientSampleId :
BP-EB02-20180429

Tgt Ion:117 Resp: 381731
Ion Ratio Lower Upper
117 100
82 53.6 40.0 60.0
119 32.3 25.8 38.8

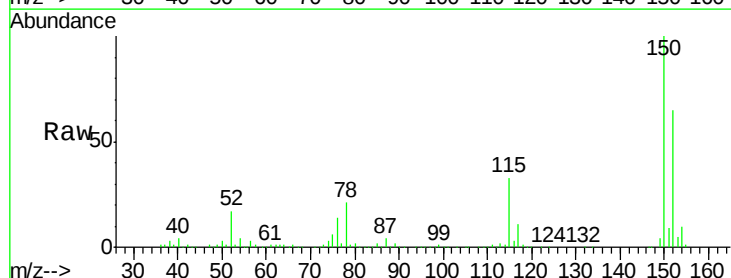


Abundance Ion 116.90 (116.60 to 117.60): V
Ion 82.00 (81.70 to 82.70): VX0
Ion 118.90 (118.60 to 119.60): V

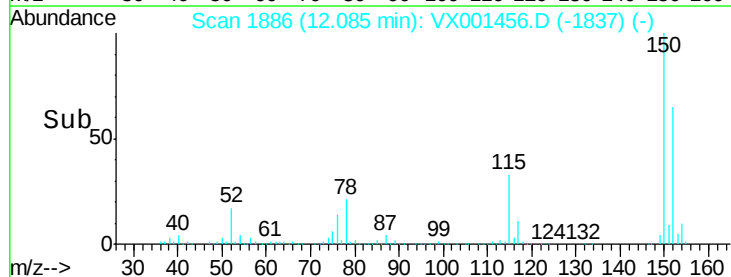
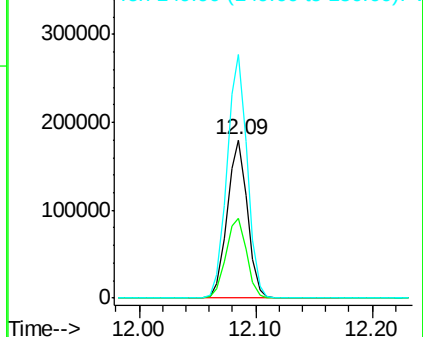


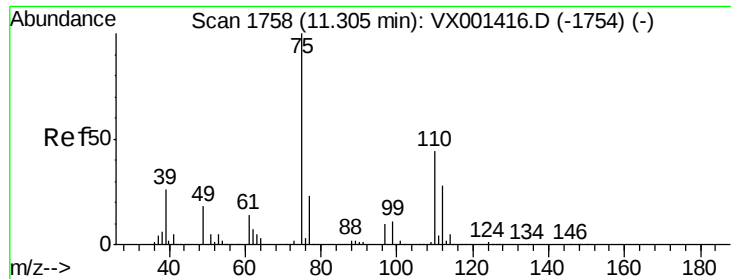
#72
1,4-Dichlorobenzene-d4
Concen: 50.00 ug/l
RT: 12.09 min Scan# 1886
Delta R.T. 0.00 min
Lab File: VX001456.D
Acq: 06 May 2018 20:38

Tgt Ion:152 Resp: 214813
Ion Ratio Lower Upper
152 100
115 52.2 37.7 113.1
150 154.8 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: 27.22 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

Instrument :

MSVOA_X

ClientSampleId :

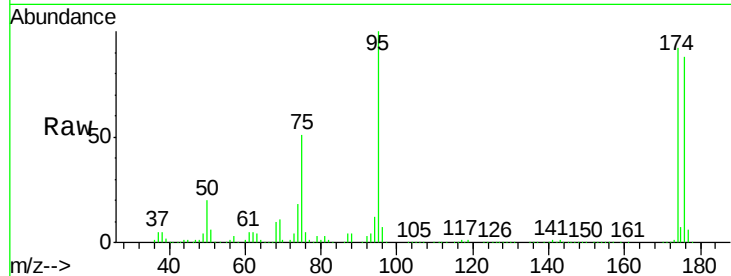
BP-EB02-20180429

Tgt Ion: 75 Resp: 118604

Ion Ratio Lower Upper

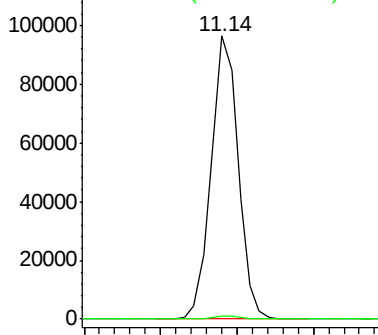
75 100

77 1.2 19.6 58.7#

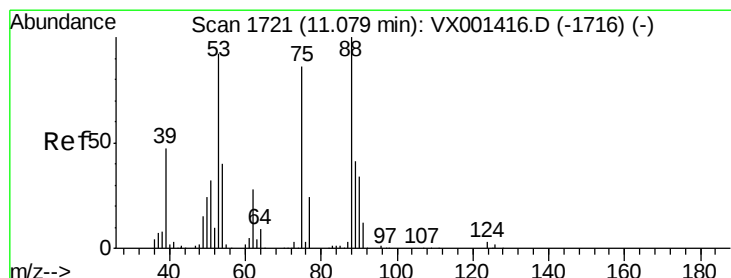
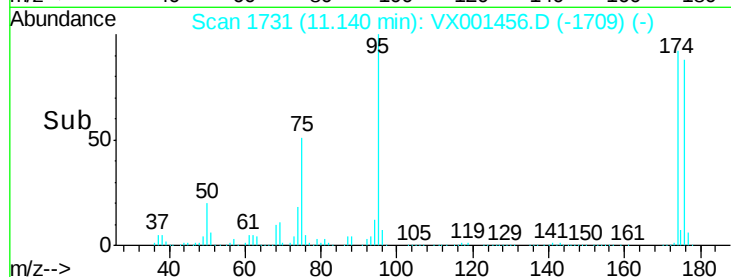


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0



Time--> 11.05 11.10 11.15 11.20



#81

trans-1,4-Dichloro-2-butene

Concen: 83.64 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001456.D

Acq: 06 May 2018 20:38

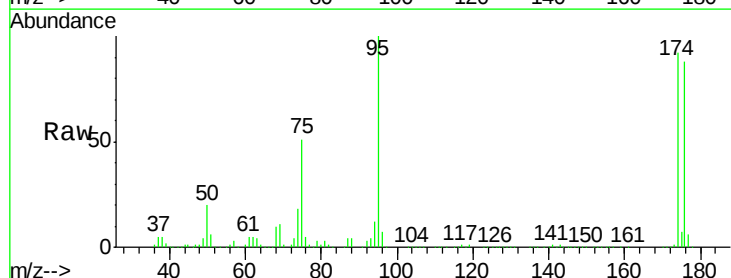
Tgt Ion: 75 Resp: 118604

Ion Ratio Lower Upper

75 100

53 0.1 84.5 126.7#

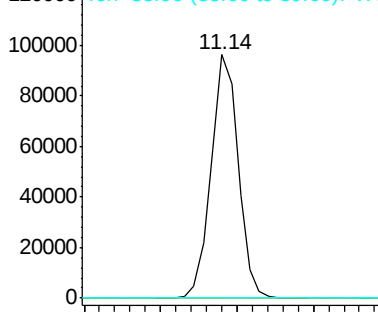
89 0.0 39.5 59.3#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0



Time--> 11.05 11.10 11.15 11.20

