

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001525.D
 Acq On : 08 May 2018 20:14
 Operator : JC/MD
 Sample : J2687-07
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB04-20180501

Quant Time: May 09 06:47:58 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	228207	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	311049	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	268566	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	145273	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.07	65	192215	58.60	ug/l	0.00
Spiked Amount	50.000		Recovery	=	117.20%	
35) Dibromofluoromethane	5.51	113	150011	54.22	ug/l	0.00
Spiked Amount	50.000		Recovery	=	108.44%	
50) Toluene-d8	8.72	98	522218	51.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.42%	
62) 4-Bromofluorobenzene	11.14	95	169447	43.71	ug/l	0.00
Spiked Amount	50.000		Recovery	=	87.42%	

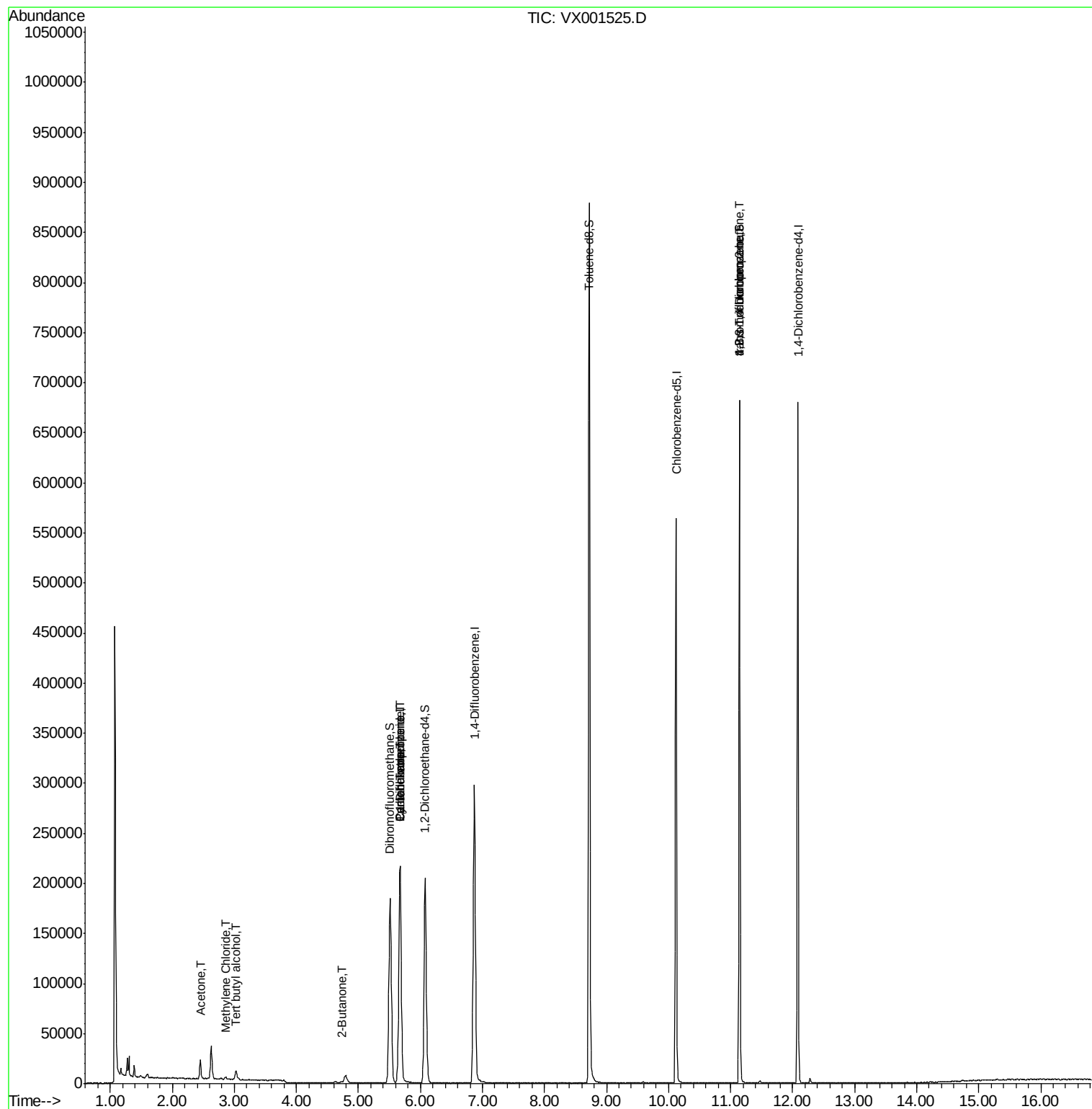
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	1018	Below Cal	#	80
11) Tert butyl alcohol	3.03	59	5754	8.32	ug/l #	80
13) Acrolein	2.28	56	61	Below Cal	#	1
16) Acetone	2.45	43	20366	13.67	ug/l	100
20) Methylene Chloride	2.85	84	795	0.27	ug/l #	81
25) 2-Butanone	4.73	43	2310	1.07	ug/l #	88
31) Cyclohexane	5.67	56	4024	0.95	ug/l #	9
36) 1,1-Dichloropropene	5.67	75	14307	3.62	ug/l #	50
38) Carbon Tetrachloride	5.67	117	19836	4.70	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	85266	28.94	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	85266	88.65	ug/l #	7

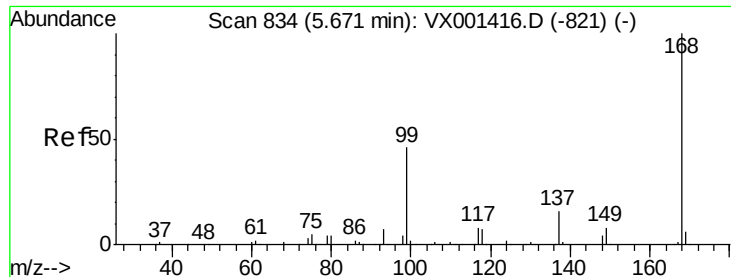
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001525.D

Acq: 08 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

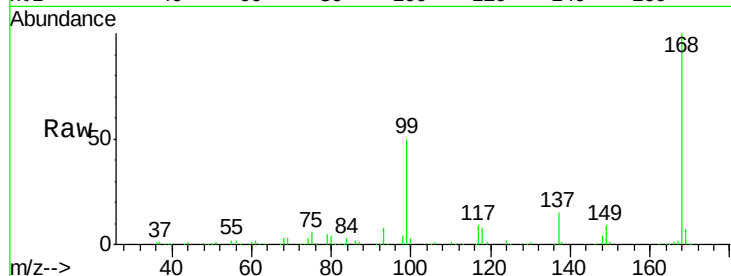
BP-EB04-20180501

Tgt Ion:168 Resp: 228207

Ion Ratio Lower Upper

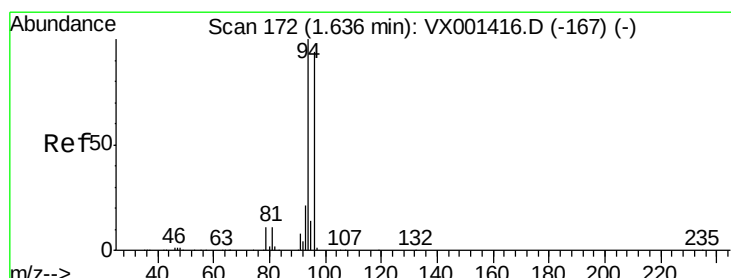
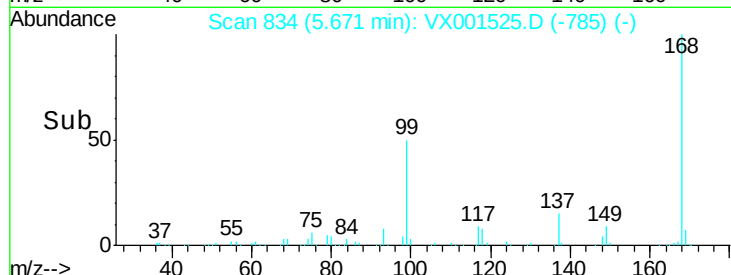
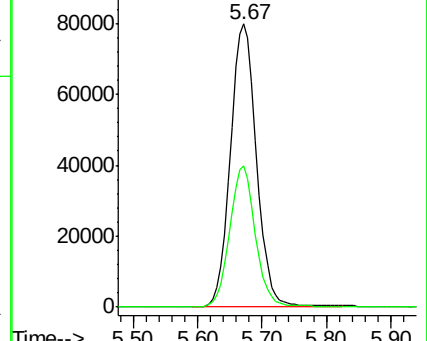
168 100

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: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001525.D

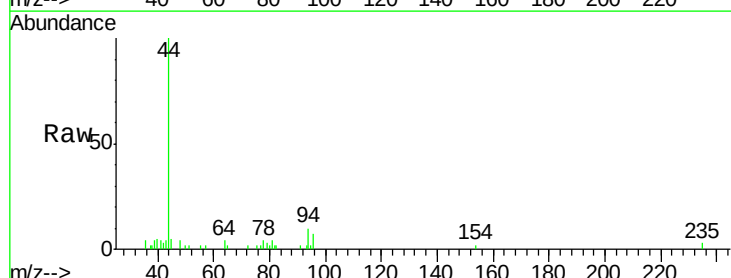
Acq: 08 May 2018 20:14

Tgt Ion: 94 Resp: 1018

Ion Ratio Lower Upper

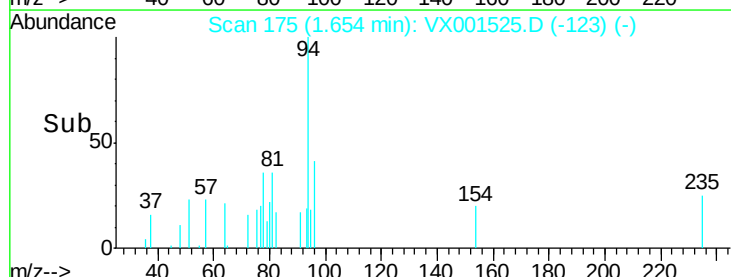
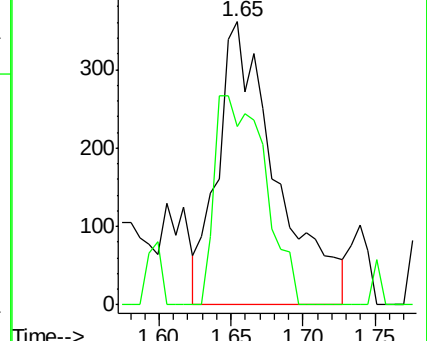
94 100

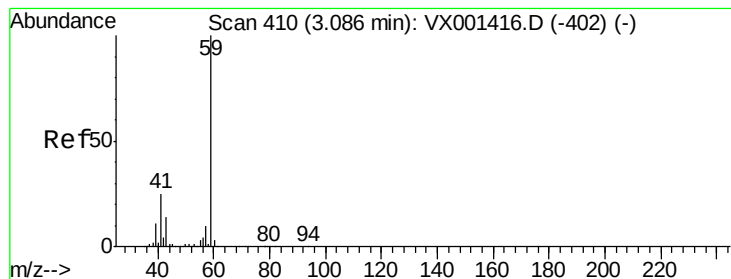
96 74.9 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0



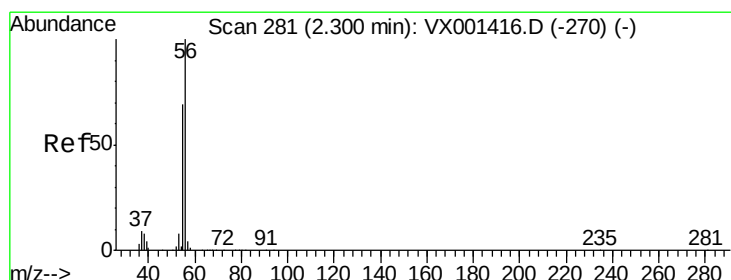
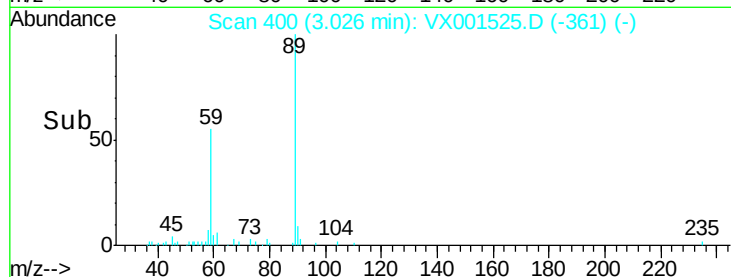
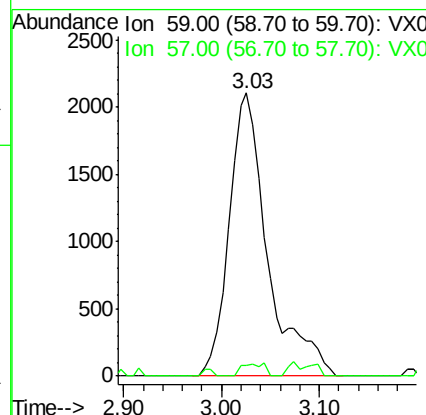
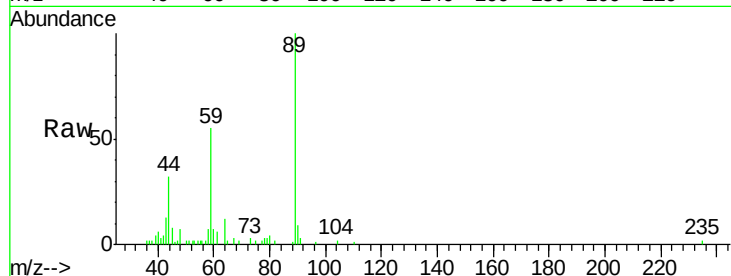


#11

Tert butyl alcohol
 Concen: 8.32 ug/l
 RT: 3.03 min Scan# 400
 Delta R.T. -0.06 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB04-20180501

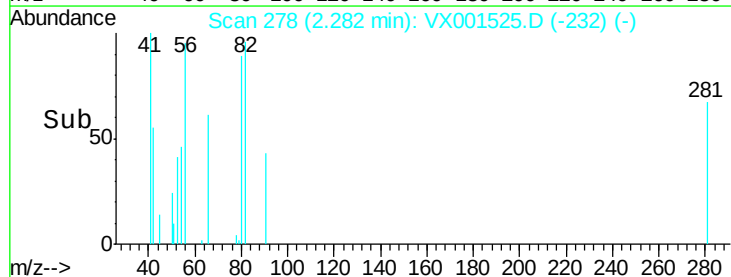
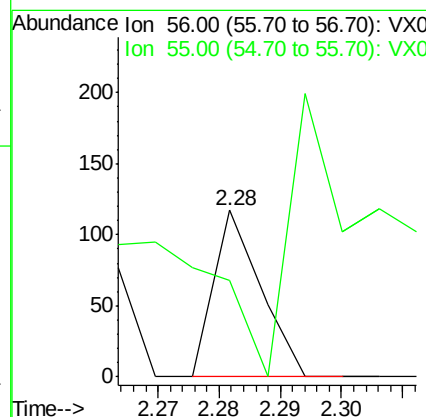
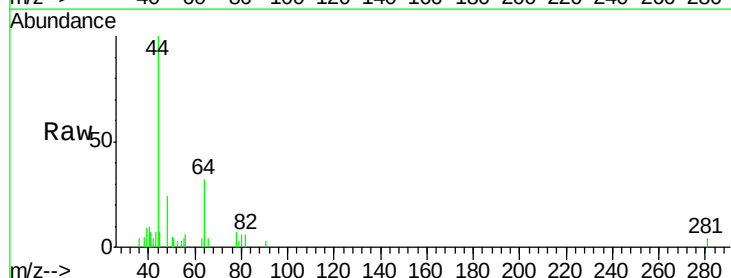
Tgt Ion: 59 Resp: 5754
 Ion Ratio Lower Upper
 59 100
 57 2.7 8.2 12.4#

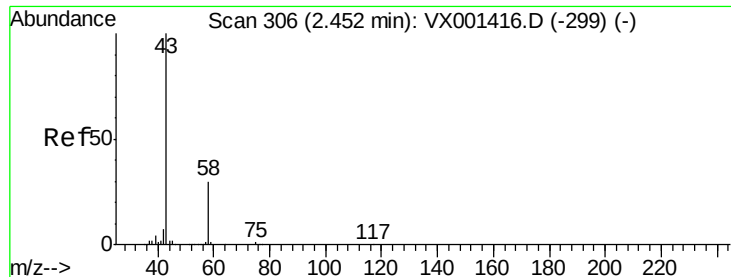


#13

Acrolein
 Concen: Below Cal
 RT: 2.28 min Scan# 278
 Delta R.T. -0.02 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

Tgt Ion: 56 Resp: 61
 Ion Ratio Lower Upper
 56 100
 55 527.9 54.5 81.7#





#16

Acetone

Concen: 13.67 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

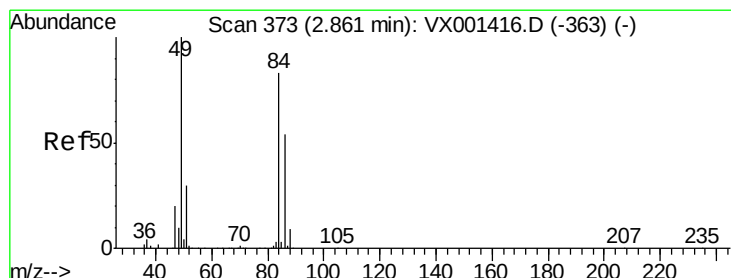
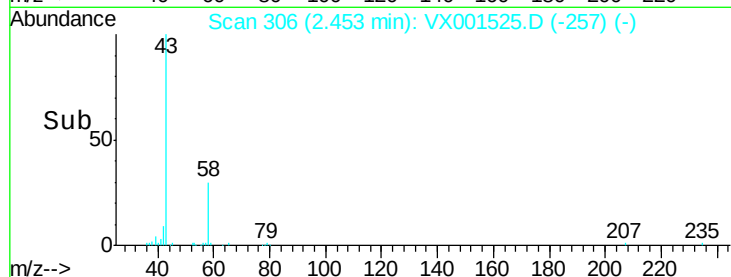
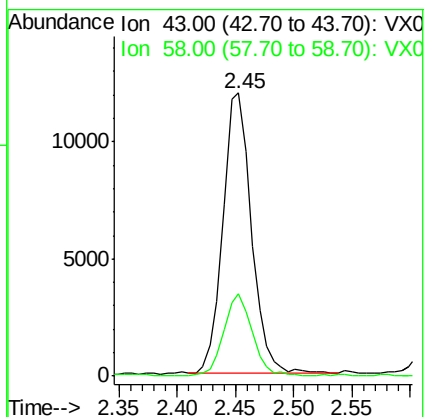
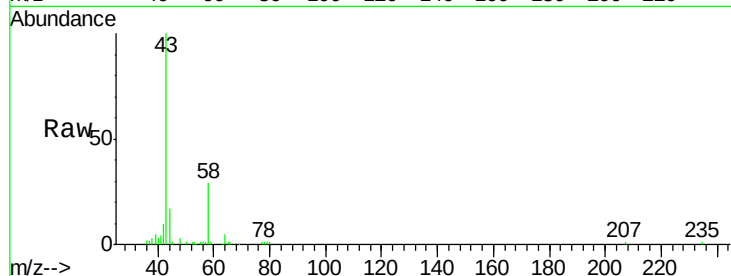
BP-EB04-20180501

Tgt Ion: 43 Resp: 20366

Ion Ratio Lower Upper

43 100

58 29.6 23.8 35.8



#20

Methylene Chloride

Concen: 0.27 ug/l

RT: 2.85 min Scan# 372

Delta R.T. -0.01 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

Tgt Ion: 84 Resp: 795

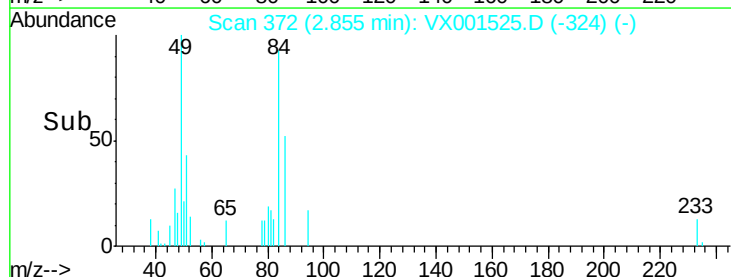
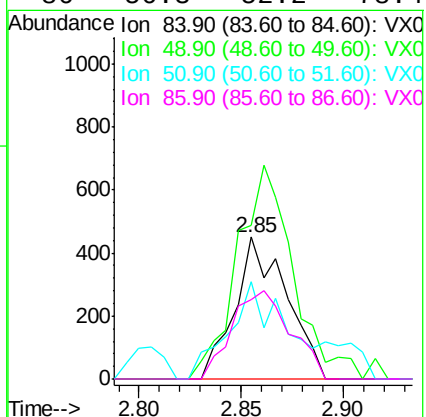
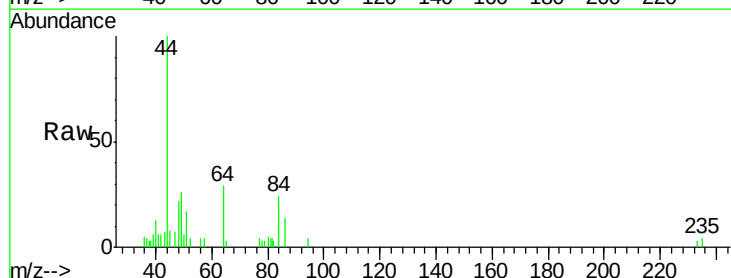
Ion Ratio Lower Upper

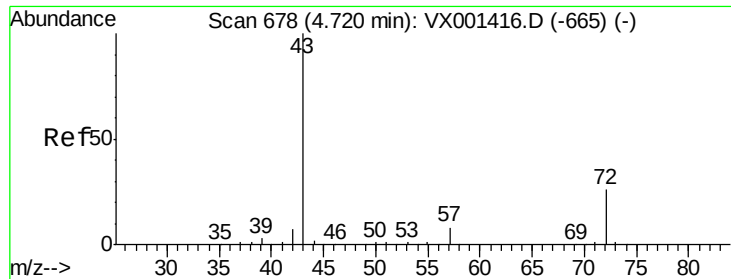
84 100

49 107.8 96.6 144.8

51 68.5 29.0 43.4#

86 56.3 52.2 78.4





#25

2-Butanone

Concen: 1.07 ug/l

RT: 4.73 min Scan# 679

Delta R.T. 0.01 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

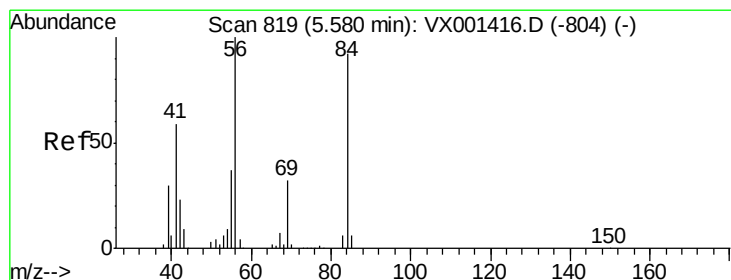
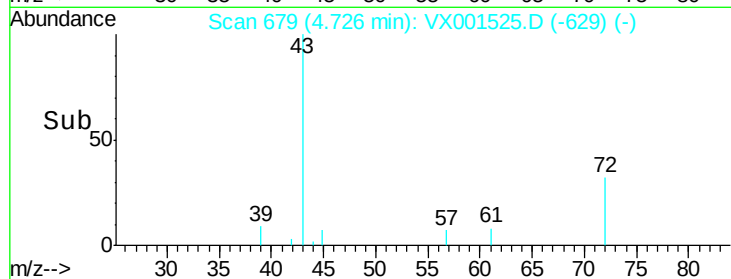
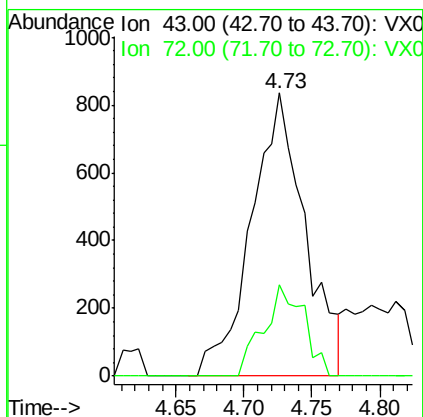
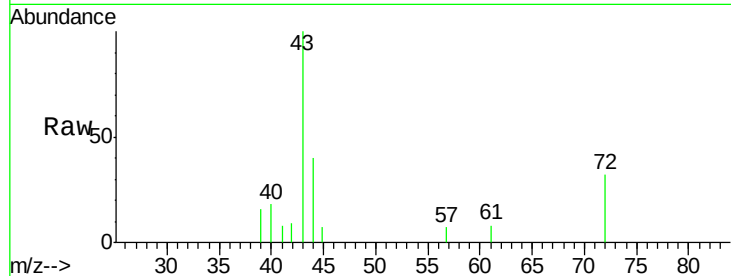
BP-EB04-20180501

Tgt Ion: 43 Resp: 2310

Ion Ratio Lower Upper

43 100

72 32.2 20.7 31.1#



#31

Cyclohexane

Concen: 0.95 ug/l

RT: 5.67 min Scan# 834

Delta R.T. 0.09 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

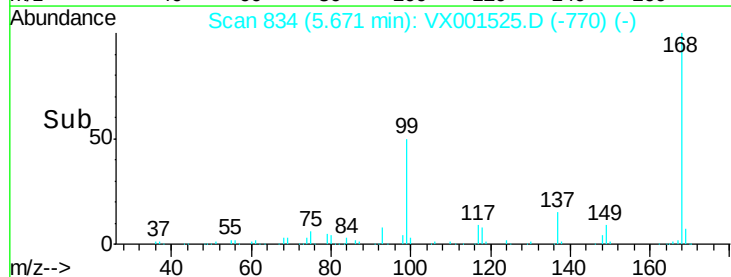
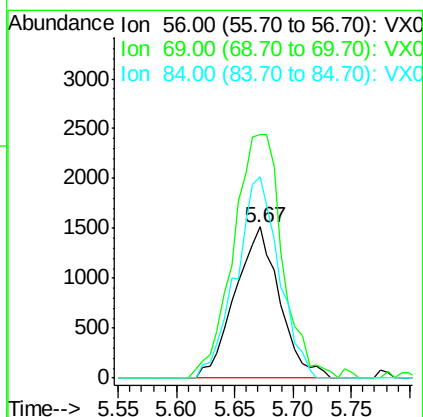
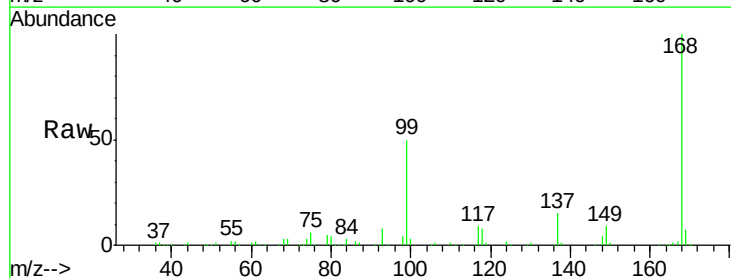
Tgt Ion: 56 Resp: 4024

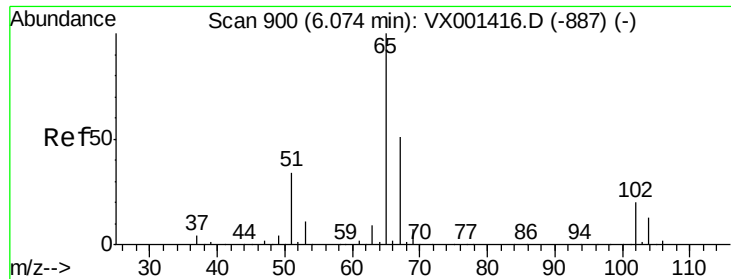
Ion Ratio Lower Upper

56 100

69 160.8 25.4 38.0#

84 133.2 73.8 110.8#

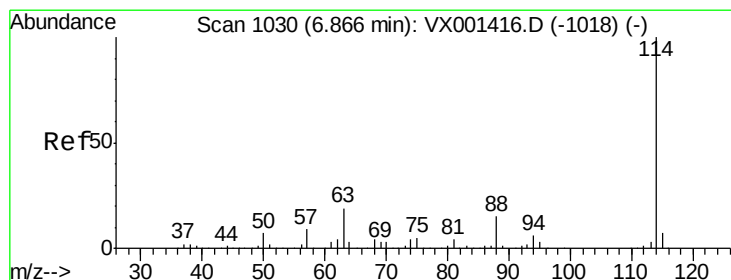
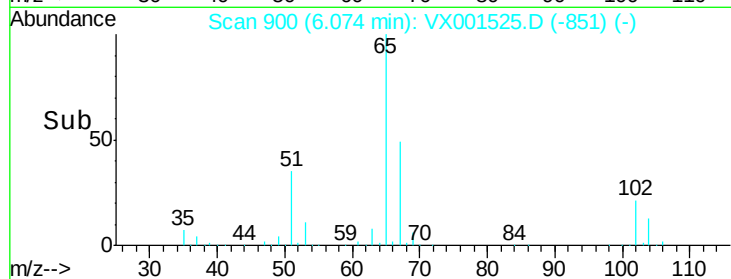
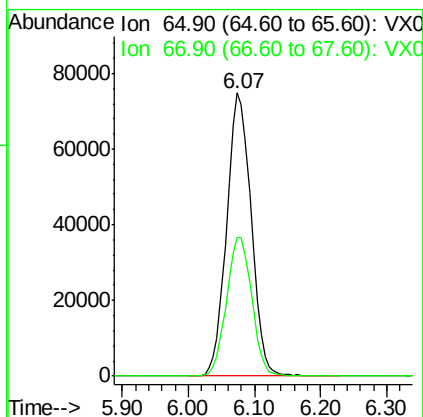
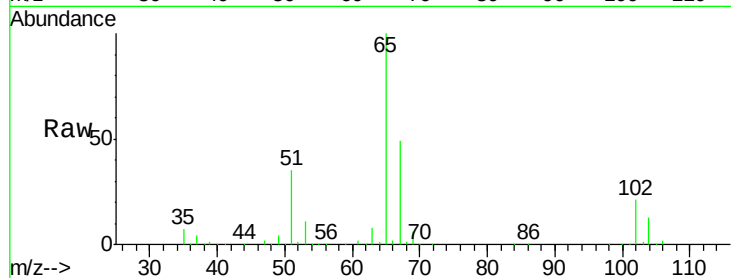




#33
 1,2-Dichloroethane-d4
 Concen: 58.60 ug/l
 RT: 6.07 min Scan# 900
 Delta R.T. 0.00 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

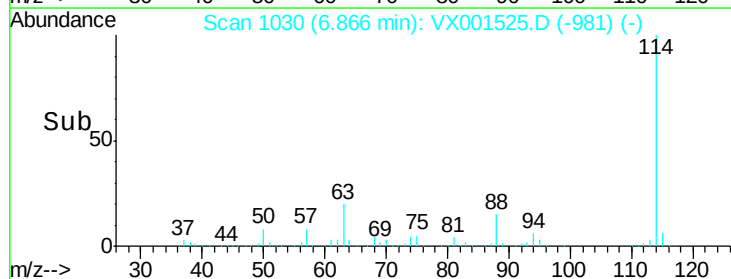
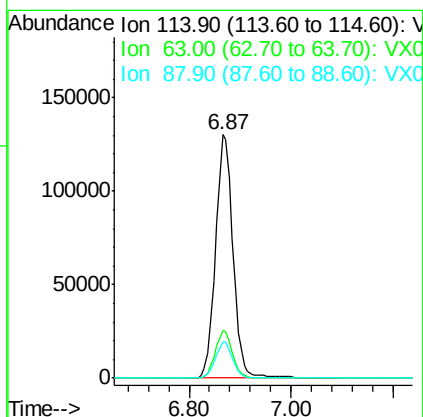
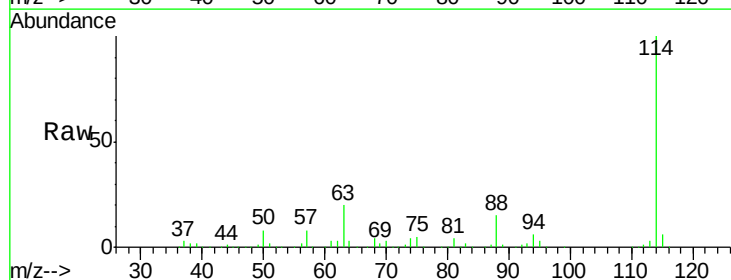
Instrument :
 MSVOA_X
 ClientSampleId :
 BP-EB04-20180501

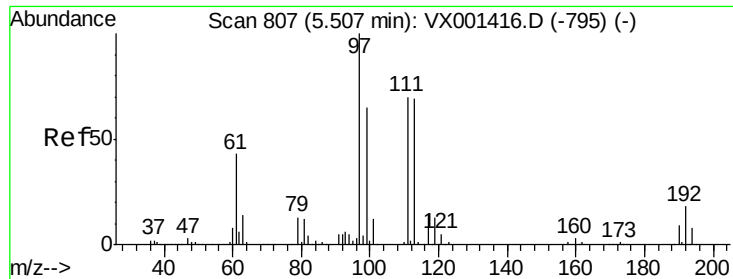
Tgt Ion: 65 Resp: 192215
 Ion Ratio Lower Upper
 65 100
 67 50.4 0.0 101.8



#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

Tgt Ion: 114 Resp: 311049
 Ion Ratio Lower Upper
 114 100
 63 19.5 0.0 38.6
 88 15.1 0.0 30.8

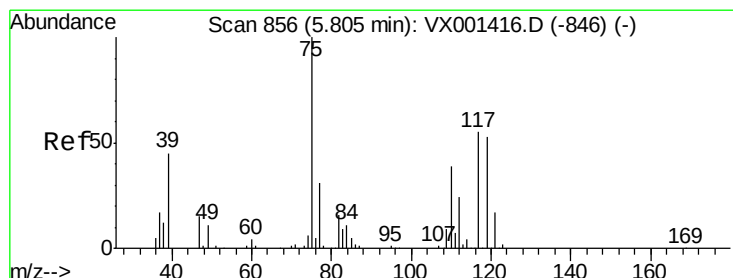
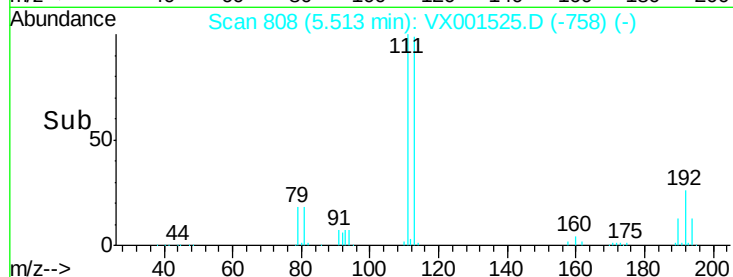
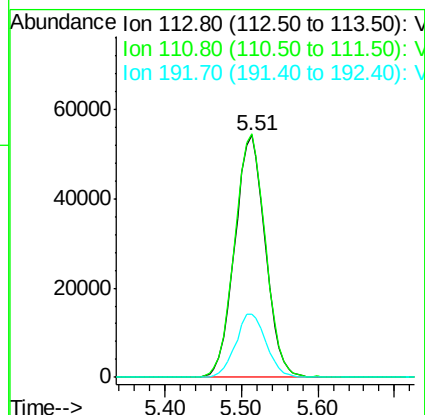
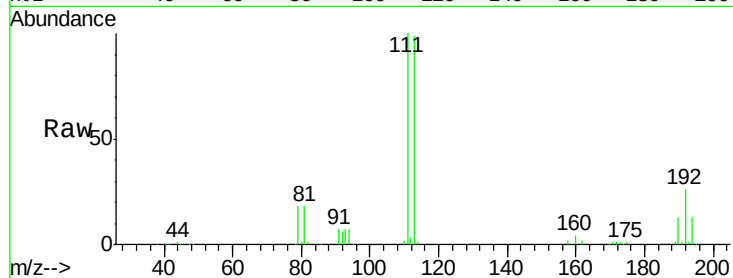




#35
 Dibromofluoromethane
 Concen: 54.22 ug/l
 RT: 5.51 min Scan# 808
 Delta R.T. 0.01 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

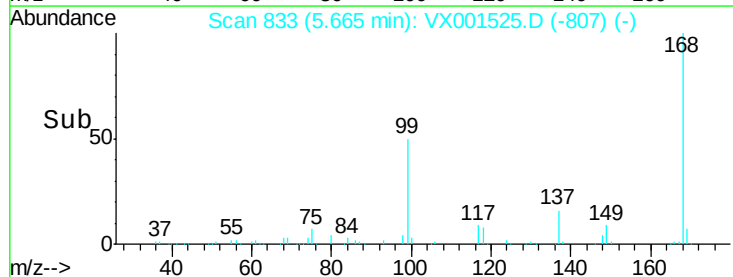
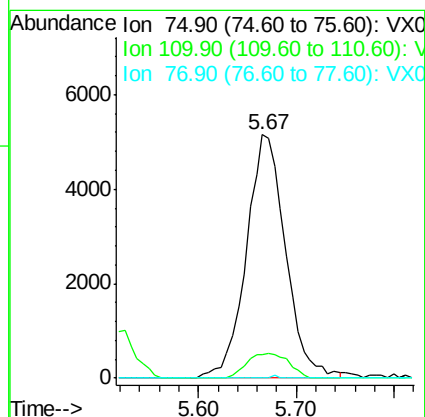
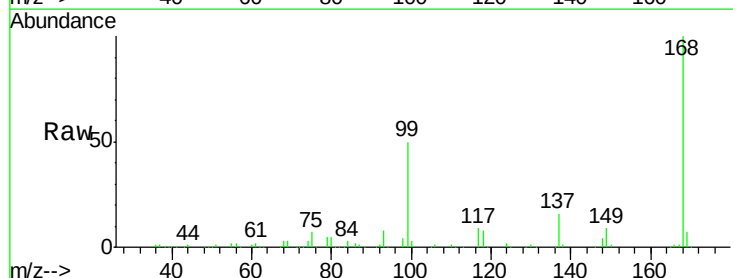
Instrument :
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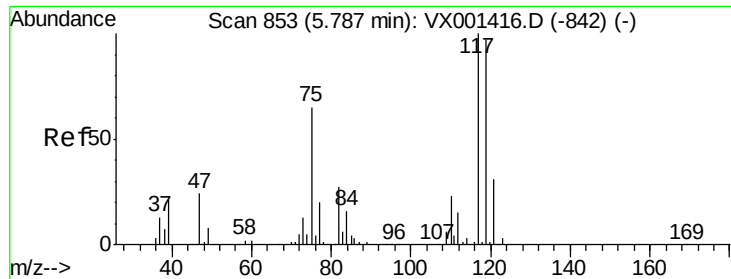
Tgt Ion:113 Resp: 150011
 Ion Ratio Lower Upper
 113 100
 111 101.4 82.2 123.2
 192 26.3 21.4 32.0



#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001525.D
 Acq: 08 May 2018 20:14

Tgt Ion: 75 Resp: 14307
 Ion Ratio Lower Upper
 75 100
 110 10.8 18.9 56.7#
 77 0.1 24.9 37.3#

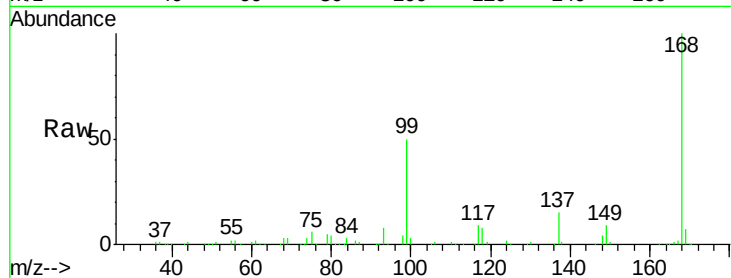




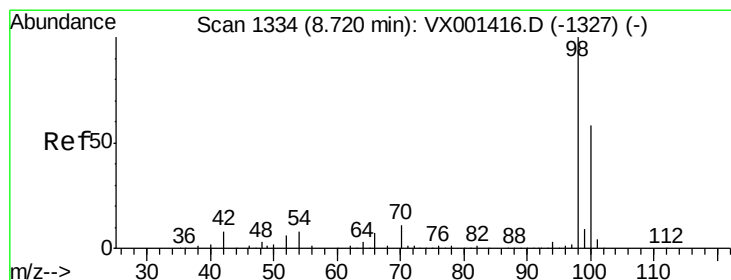
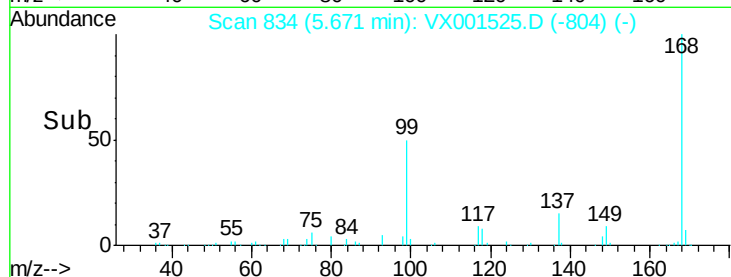
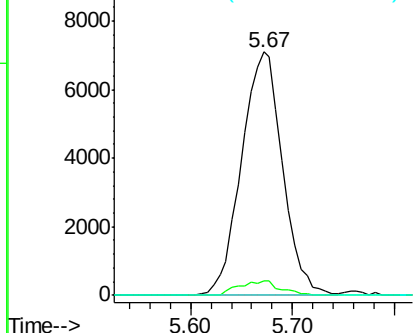
#38
Carbon Tetrachloride
Concen: 4.70 ug/l
RT: 5.67 min Scan# 834
Delta R.T. -0.12 min
Lab File: VX001525.D
Acq: 08 May 2018 20:14

Instrument :
MSVOA_X
ClientSampleId :
BP-EB04-20180501

Tgt Ion: 117 Resp: 19836
Ion Ratio Lower Upper
117 100
119 5.8 77.0 115.6#
121 0.0 25.1 37.7#

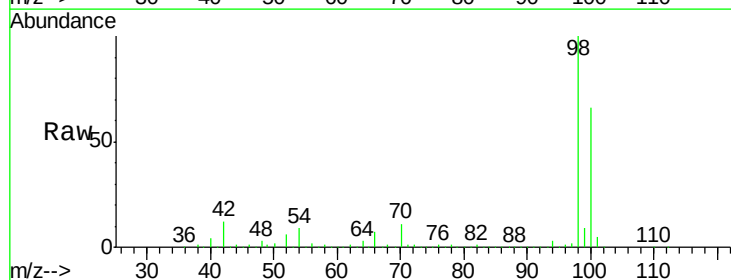


Abundance Ion 116.80 (116.50 to 117.50): V
Ion 118.80 (118.50 to 119.50): V
Ion 120.80 (120.50 to 121.50): V

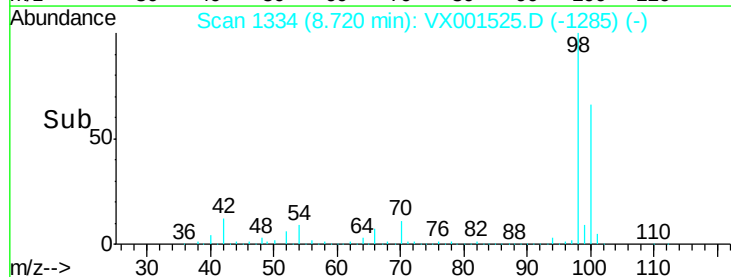
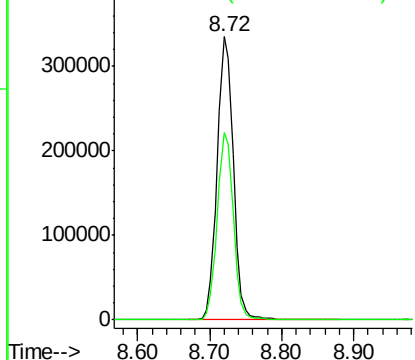


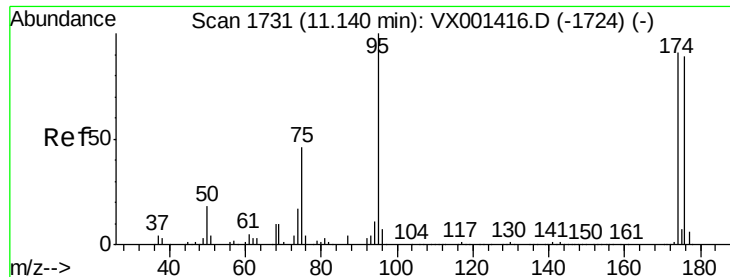
#50
Toluene-d8
Concen: 51.71 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001525.D
Acq: 08 May 2018 20:14

Tgt Ion: 98 Resp: 522218
Ion Ratio Lower Upper
98 100
100 66.0 54.0 81.0



Abundance Ion 98.00 (97.70 to 98.70): VX0
Ion 100.00 (99.70 to 100.70): V

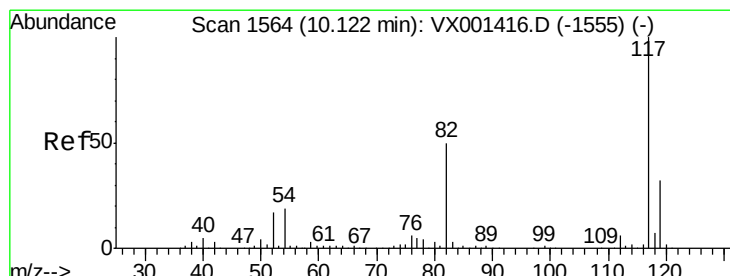
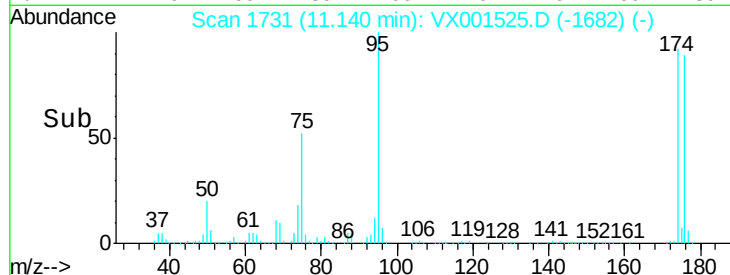
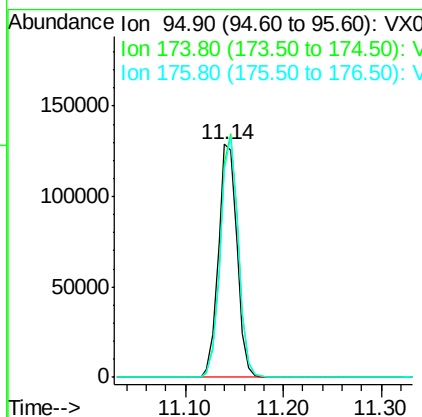
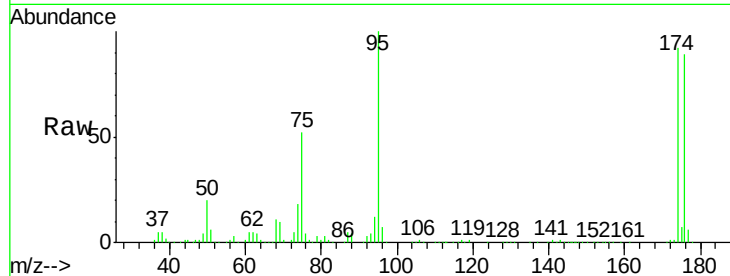




#62
4-Bromofluorobenzene
Concen: 43.71 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001525.D
Acq: 08 May 2018 20:14

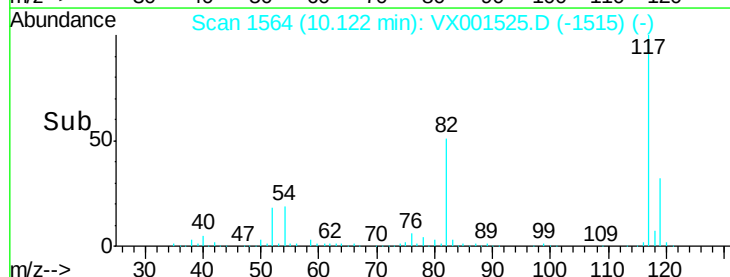
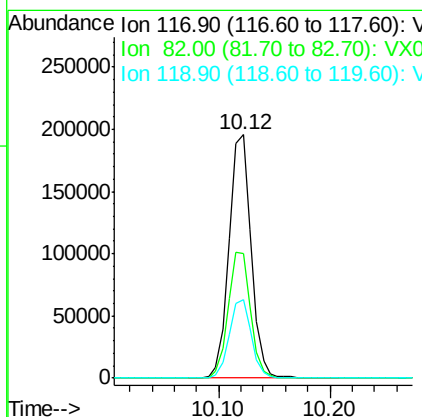
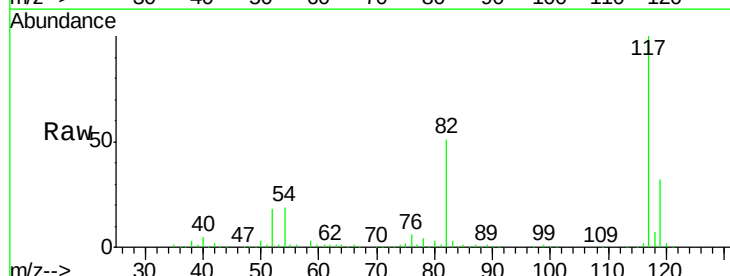
Instrument :
MSVOA_X
ClientSampleId :
BP-EB04-20180501

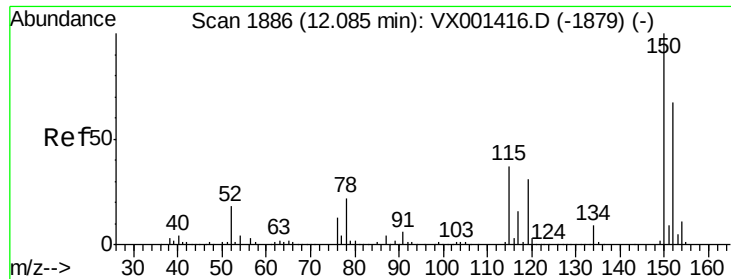
Tgt Ion: 95 Resp: 169447
Ion Ratio Lower Upper
95 100
174 101.0 0.0 202.0
176 98.6 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. 0.00 min
Lab File: VX001525.D
Acq: 08 May 2018 20:14

Tgt Ion: 117 Resp: 268566
Ion Ratio Lower Upper
117 100
82 51.1 40.0 60.0
119 32.2 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

BP-EB04-20180501

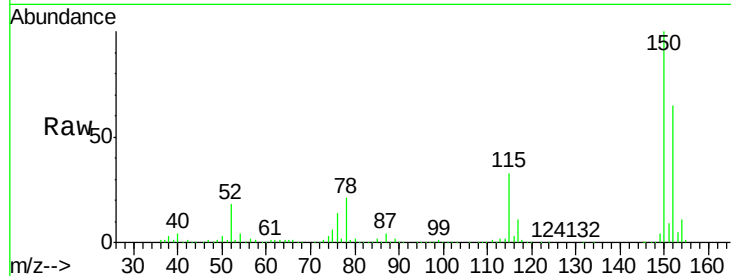
Tgt Ion:152 Resp: 145273

Ion Ratio Lower Upper

152 100

115 53.1 37.7 113.1

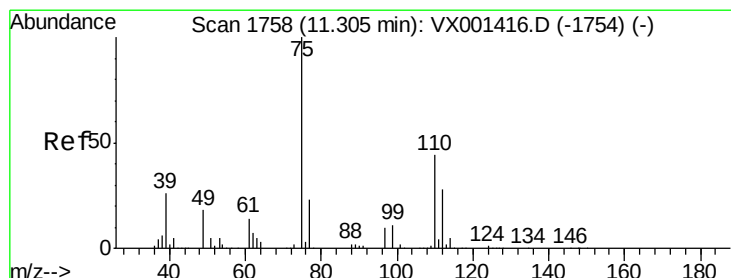
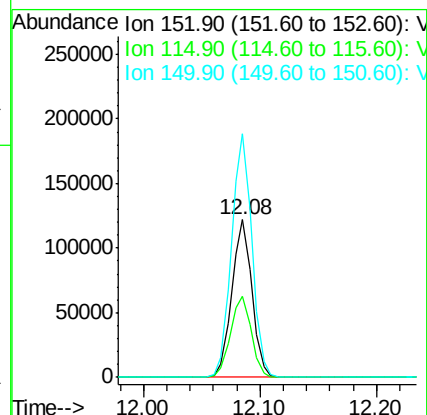
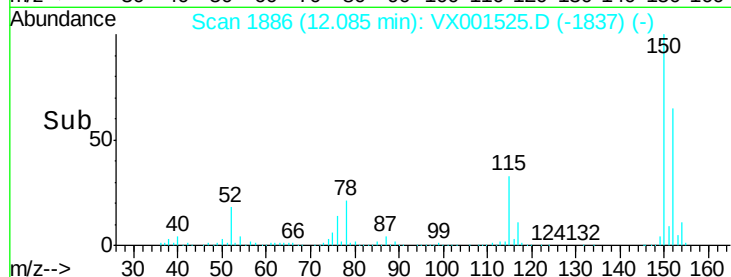
150 156.9 0.0 349.4



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: 28.94 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001525.D

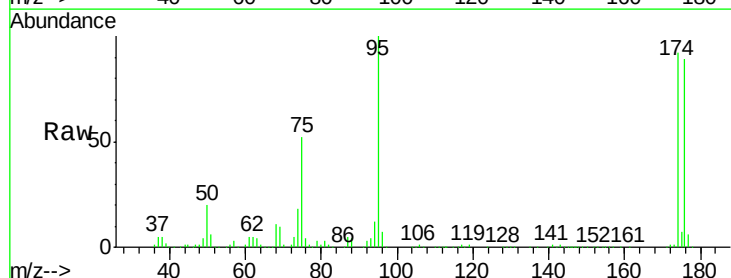
Acq: 08 May 2018 20:14

Tgt Ion: 75 Resp: 85266

Ion Ratio Lower Upper

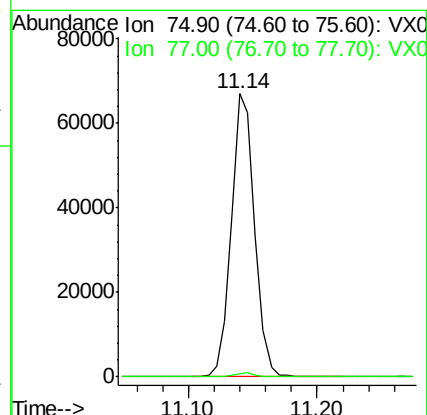
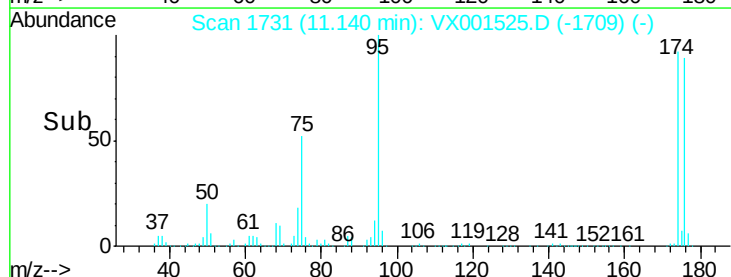
75 100

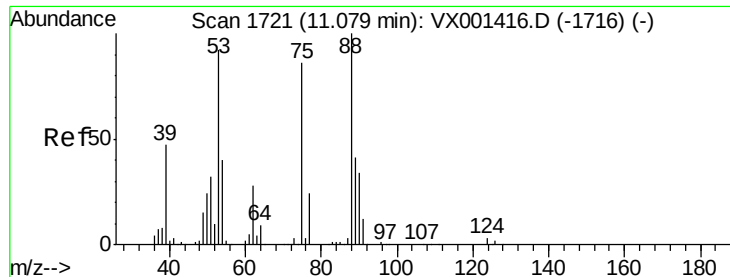
77 1.3 19.6 58.7#



Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 77.00 (76.70 to 77.70): VX0





#81

trans-1,4-Dichloro-2-butene

Concen: 88.65 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001525.D

Acq: 08 May 2018 20:14

Instrument :

MSVOA_X

ClientSampleId :

BP-EB04-20180501

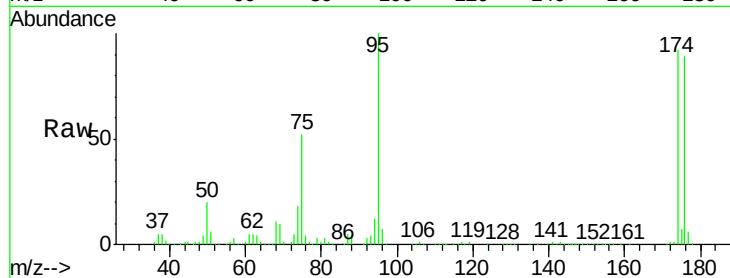
Tgt Ion: 75 Resp: 85266

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

