

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050818\
 Data File : VX001543.D
 Acq On : 09 May 2018 05:08
 Operator : JC/MD
 Sample : J2759-09 5X
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2B-COMP

Quant Time: May 09 06:54:54 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	246214	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	333347	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	298528	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	166507	50.00	ug/l	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	165654	46.81	ug/l	0.00
Spiked Amount			Recovery	=	93.62%	
35) Dibromofluoromethane	5.51	113	127612	43.04	ug/l	0.00
Spiked Amount			Recovery	=	86.08%	
50) Toluene-d8	8.72	98	463273	42.80	ug/l	0.00
Spiked Amount			Recovery	=	85.60%	
62) 4-Bromofluorobenzene	11.14	95	153961	37.06	ug/l	0.00
Spiked Amount			Recovery	=	74.12%	

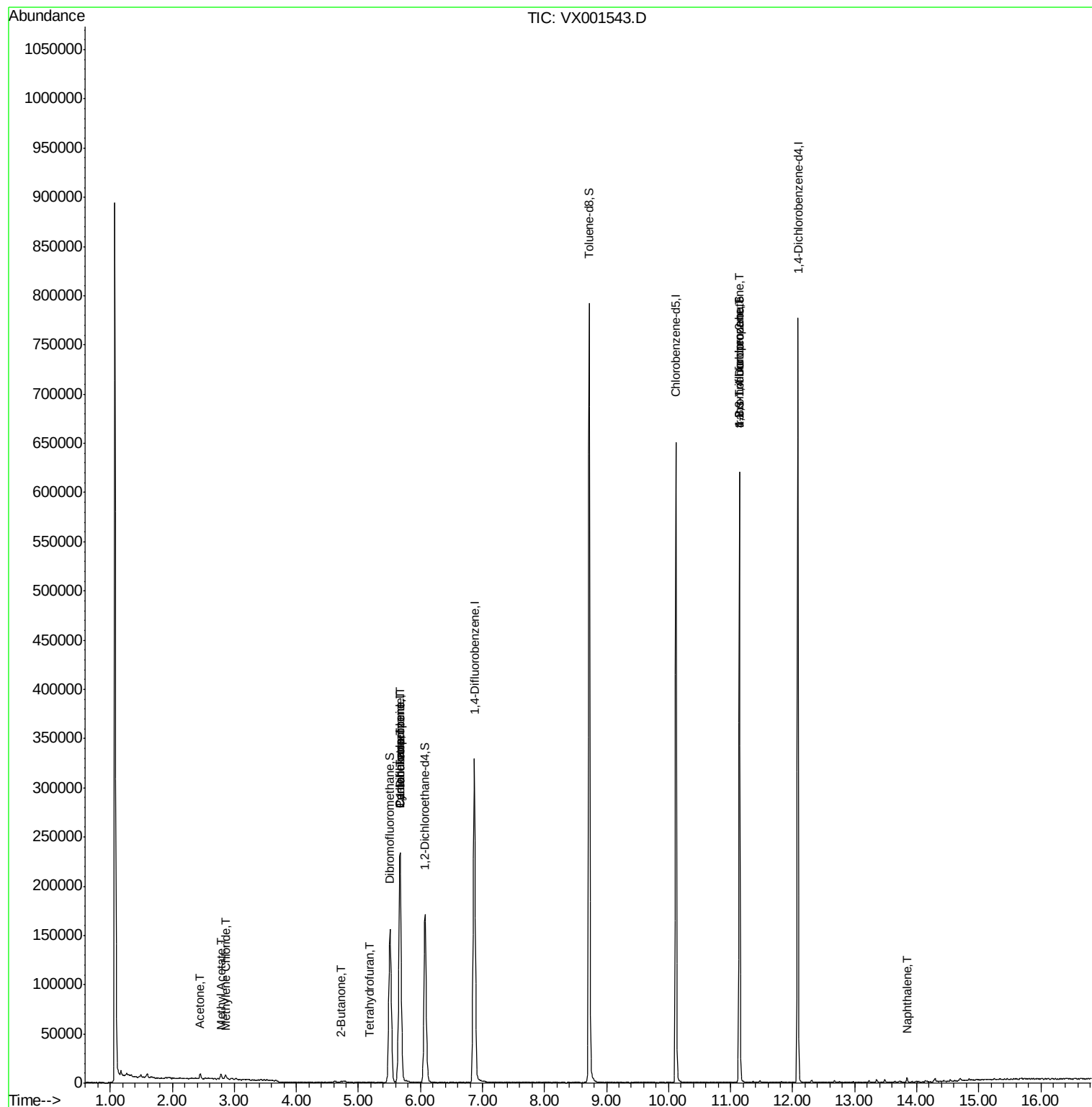
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.66	94	711	Below Cal	#	55
13) Acrolein	2.29	56	76	Below Cal	#	1
16) Acetone	2.45	43	5723	3.56	ug/l	96
18) Methyl Acetate	2.78	43	5956	1.41	ug/l	100
20) Methylene Chloride	2.86	84	1600	0.50	ug/l	87
25) 2-Butanone	4.72	43	1545	0.67	ug/l	97
29) Tetrahydrofuran	5.17	42	312	0.21	ug/l #	27
31) Cyclohexane	5.67	56	4365	0.96	ug/l #	14
36) 1,1-Dichloropropene	5.67	75	15344	3.62	ug/l #	49
38) Carbon Tetrachloride	5.67	117	21374	4.73	ug/l #	16
76) 1,2,3-Trichloropropane	11.14	75	77578	22.97	ug/l #	38
81) trans-1,4-Dichloro-2-buten	11.14	75	77578	71.25	ug/l #	7
95) Naphthalene	13.84	128	2715	0.22	ug/l #	95

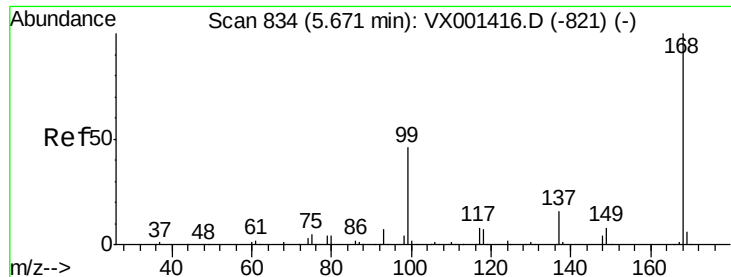
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

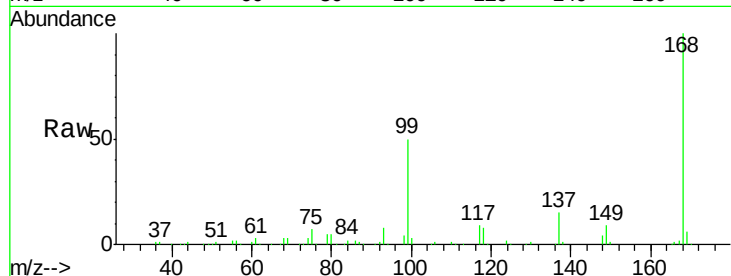
TP-2B-COMP

Tgt Ion:168 Resp: 246214

Ion Ratio Lower Upper

168 100

99 49.6 36.6 54.8



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

80000

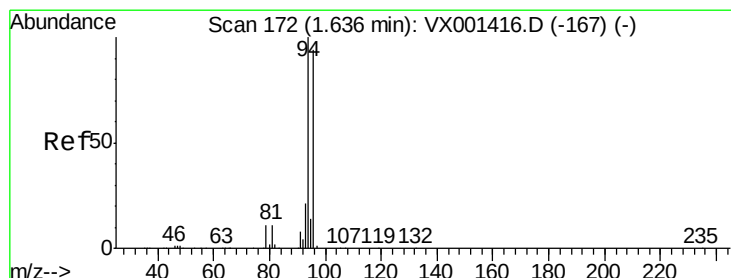
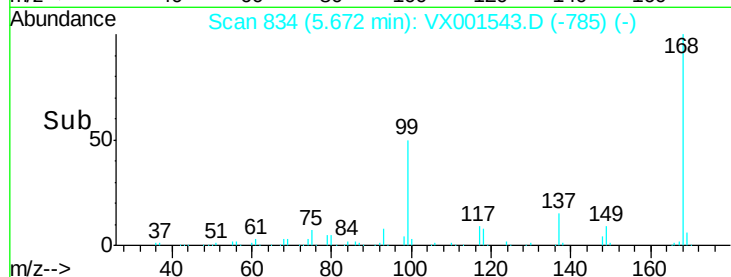
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#5

Bromomethane

Concen: Below Cal

RT: 1.66 min Scan# 176

Delta R.T. 0.03 min

Lab File: VX001543.D

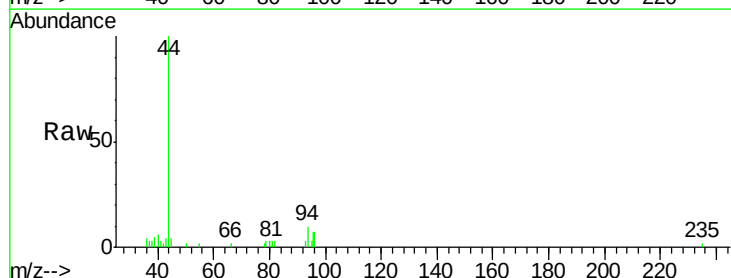
Acq: 09 May 2018 05:08

Tgt Ion: 94 Resp: 711

Ion Ratio Lower Upper

94 100

96 137.1 75.0 112.6#



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.66

500

400

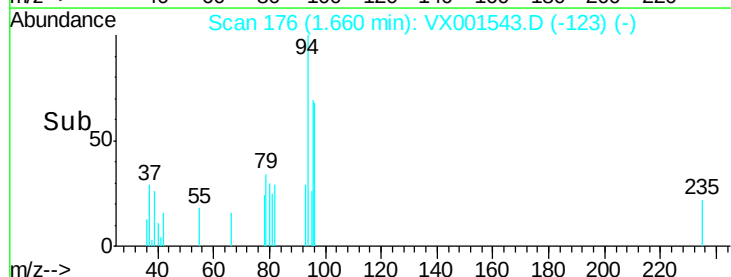
300

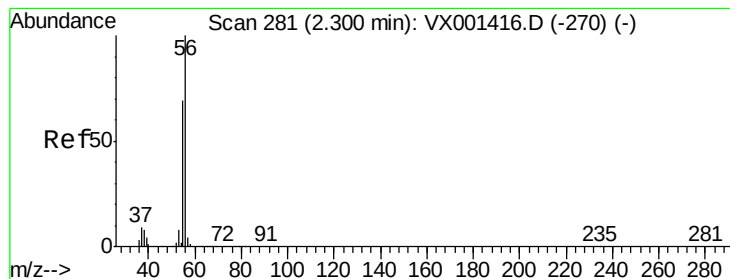
200

100

0

Time--> 1.65 1.70





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

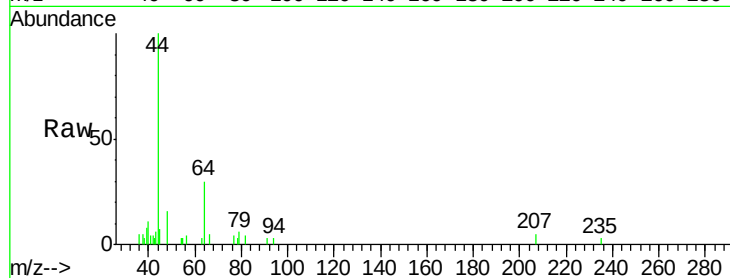
TP-2B-COMP

Tgt Ion: 56 Resp: 76

Ion Ratio Lower Upper

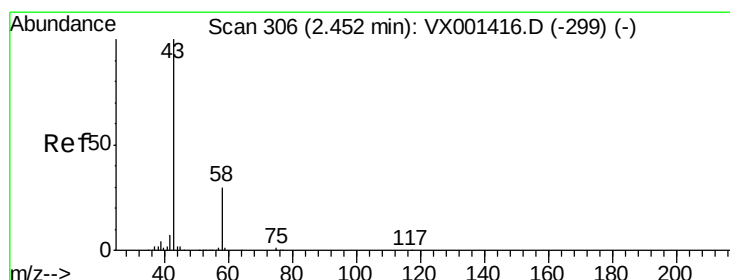
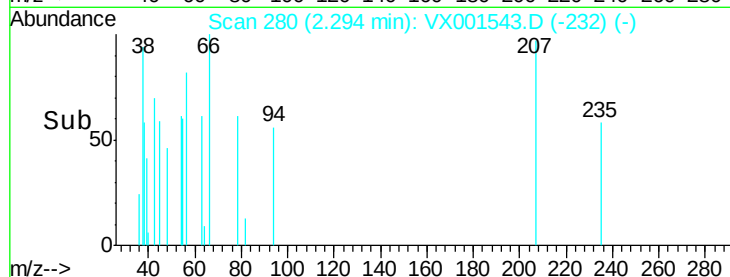
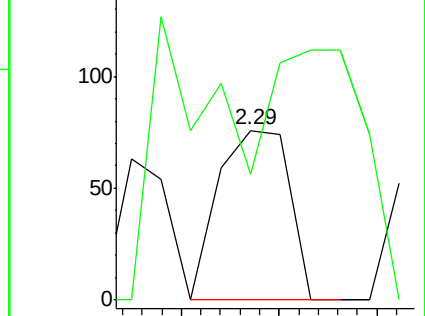
56 100

55 194.7 54.5 81.7#



Abundance Ion 56.00 (55.70 to 56.70): VX0

Ion 55.00 (54.70 to 55.70): VX0



#16

Acetone

Concen: 3.56 ug/l

RT: 2.45 min Scan# 306

Delta R.T. 0.00 min

Lab File: VX001543.D

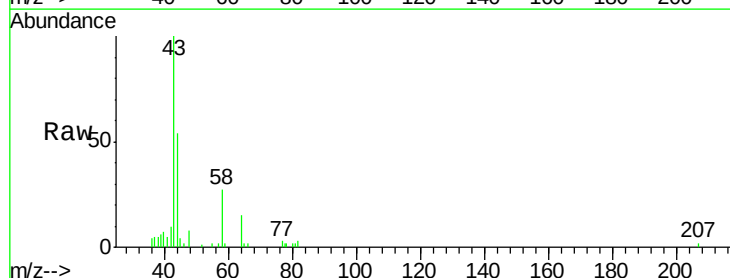
Acq: 09 May 2018 05:08

Tgt Ion: 43 Resp: 5723

Ion Ratio Lower Upper

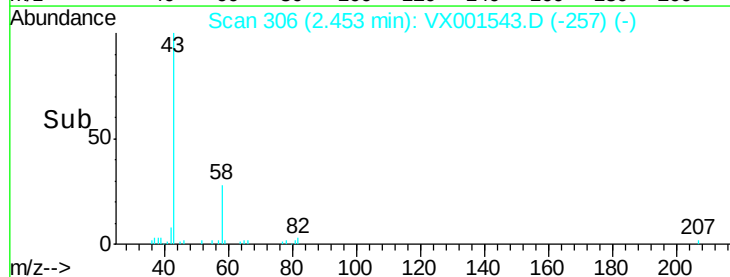
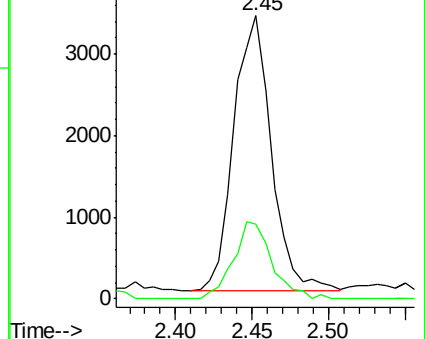
43 100

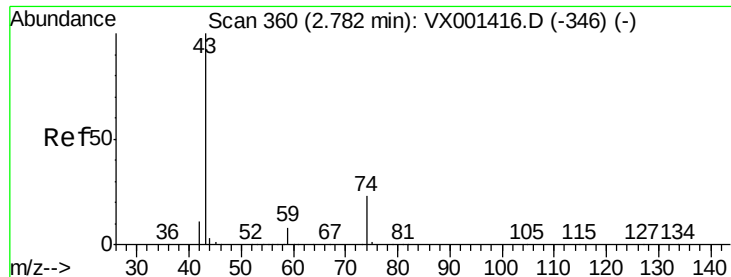
58 27.4 23.8 35.8



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

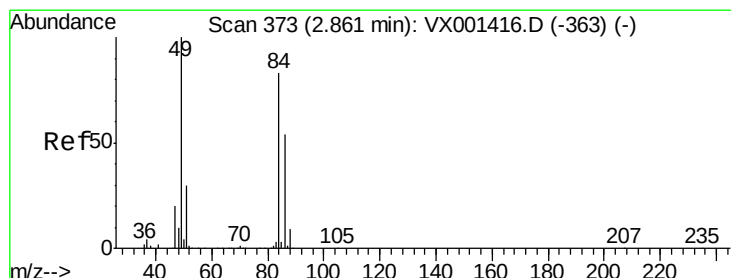
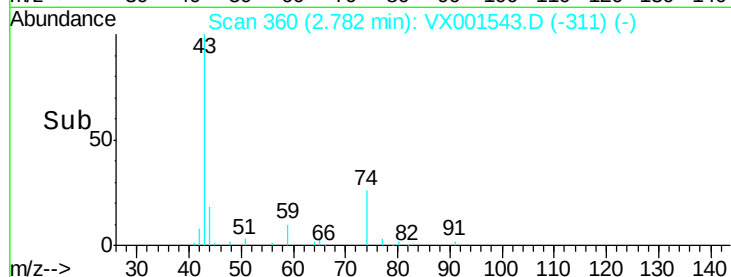
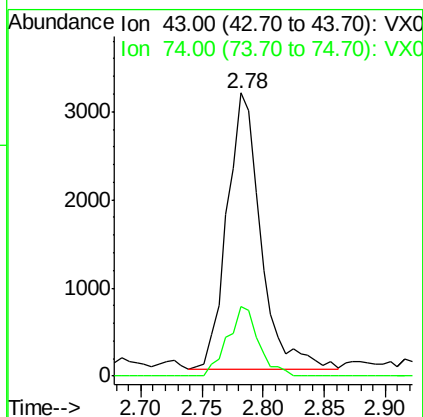
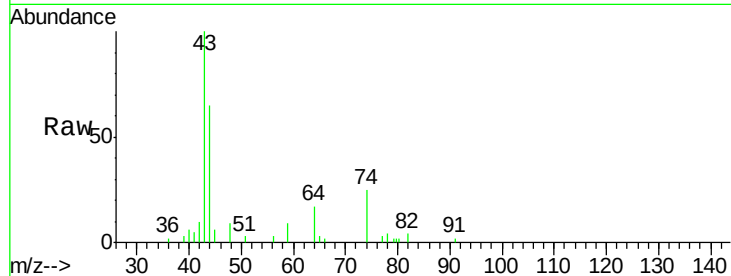




#18
Methyl Acetate
Concen: 1.41 ug/l
RT: 2.78 min Scan# 360
Delta R.T. 0.00 min
Lab File: VX001543.D
Acq: 09 May 2018 05:08

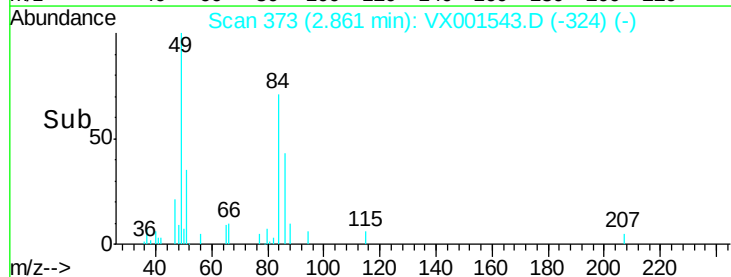
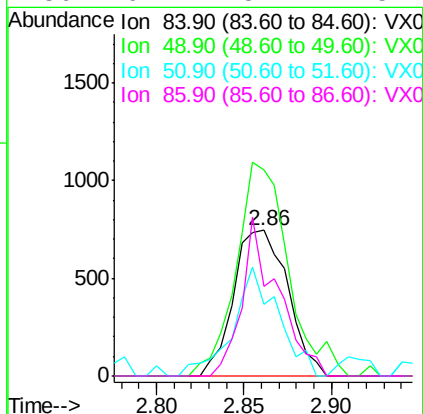
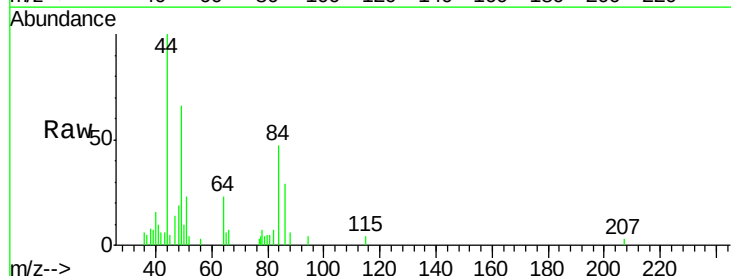
Instrument :
MSVOA_X
ClientSampleId :
TP-2B-COMP

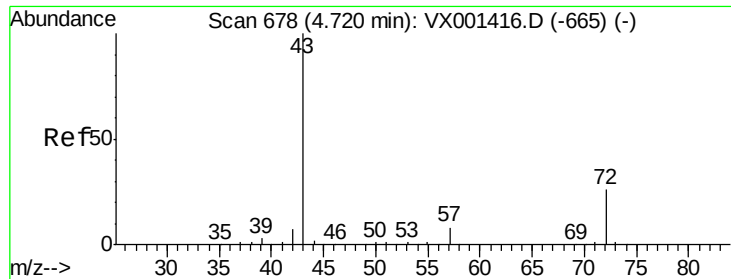
Tgt Ion: 43 Resp: 5956
Ion Ratio Lower Upper
43 100
74 23.1 18.6 27.8



#20
Methylene Chloride
Concen: 0.50 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX001543.D
Acq: 09 May 2018 05:08

Tgt Ion: 84 Resp: 1600
Ion Ratio Lower Upper
84 100
49 141.4 96.6 144.8
51 41.7 29.0 43.4
86 61.4 52.2 78.4





#25

2-Butanone

Concen: 0.67 ug/l

RT: 4.72 min Scan# 678

Delta R.T. 0.00 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampled :

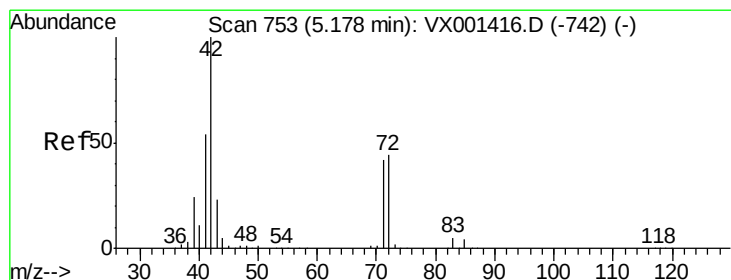
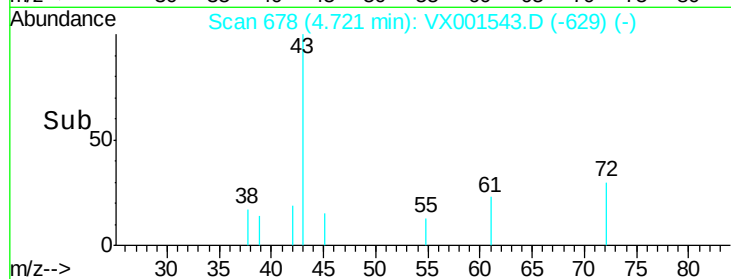
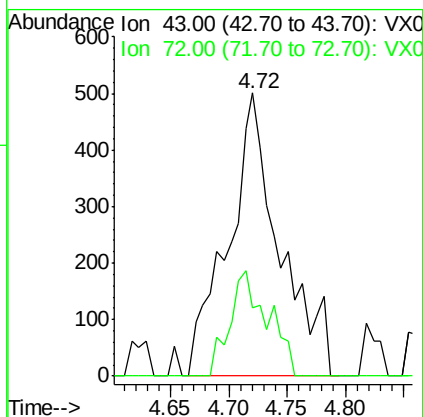
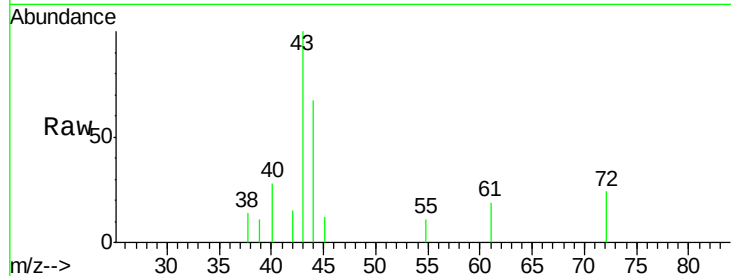
TP-2B-COMP

Tgt Ion: 43 Resp: 1545

Ion Ratio Lower Upper

43 100

72 24.4 20.7 31.1



#29

Tetrahydrofuran

Concen: 0.21 ug/l

RT: 5.17 min Scan# 752

Delta R.T. -0.01 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

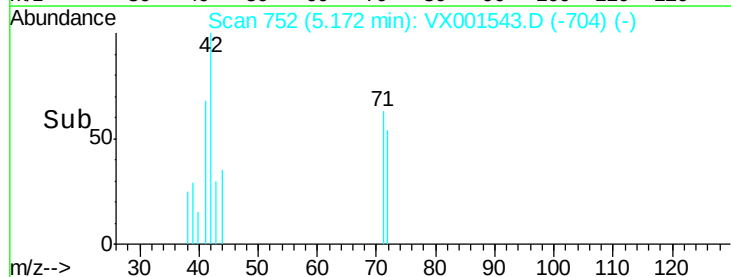
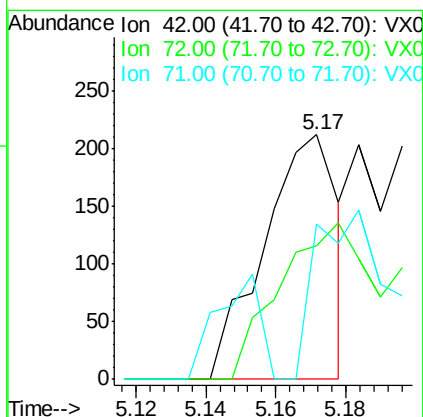
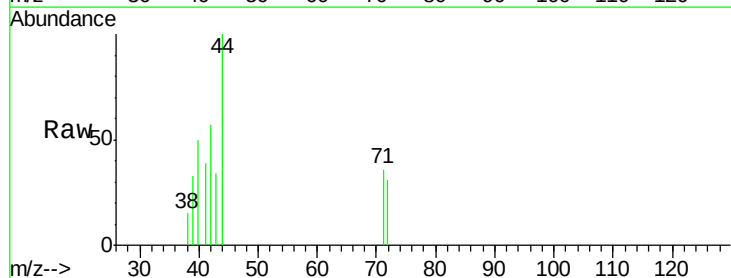
Tgt Ion: 42 Resp: 312

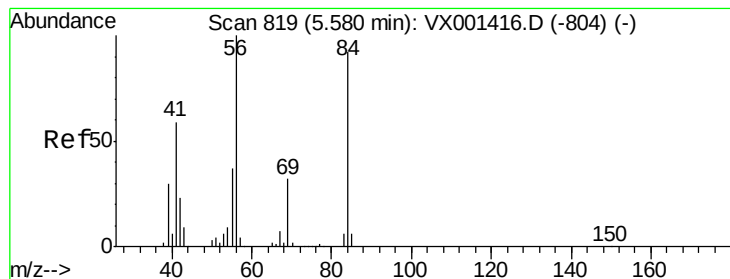
Ion Ratio Lower Upper

42 100

72 103.8 35.4 53.2#

71 73.7 33.0 49.4#





#31

Cyclohexane

Concen: 0.96 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

TP-2B-COMP

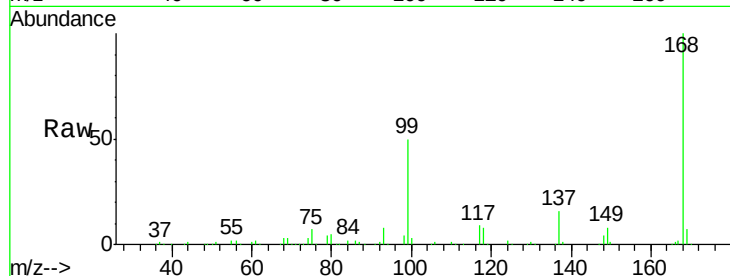
Tgt Ion: 56 Resp: 4365

Ion Ratio Lower Upper

56 100

69 166.9 25.4 38.0#

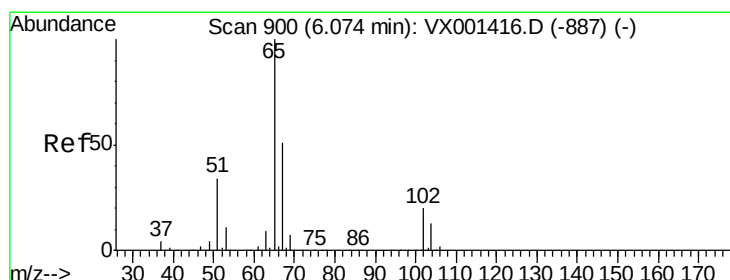
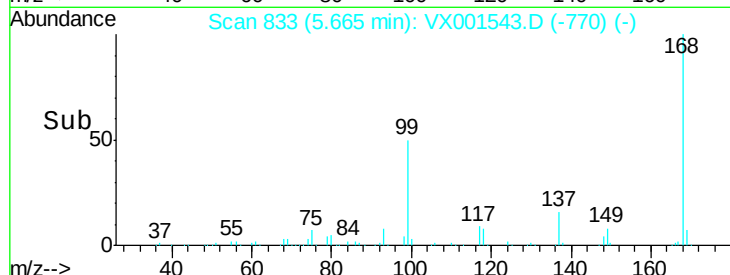
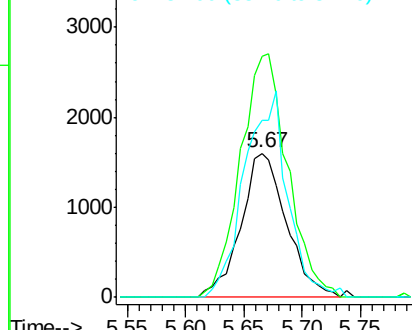
84 122.5 73.8 110.8#



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: 46.81 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX001543.D

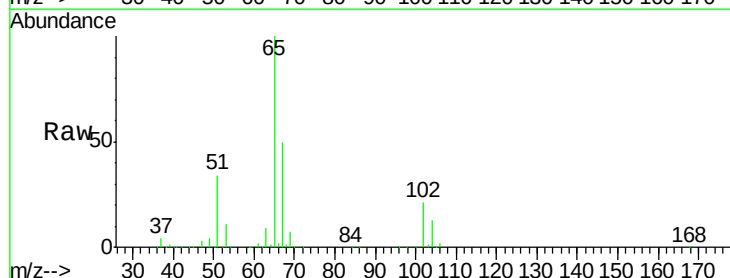
Acq: 09 May 2018 05:08

Tgt Ion: 65 Resp: 165654

Ion Ratio Lower Upper

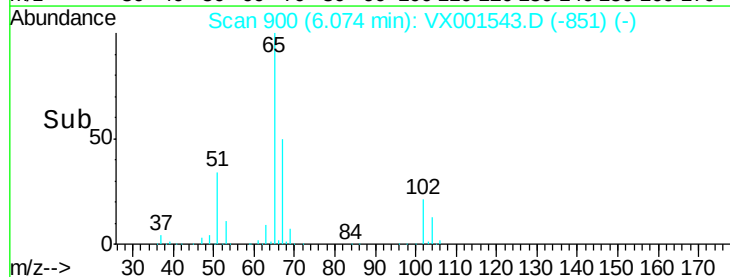
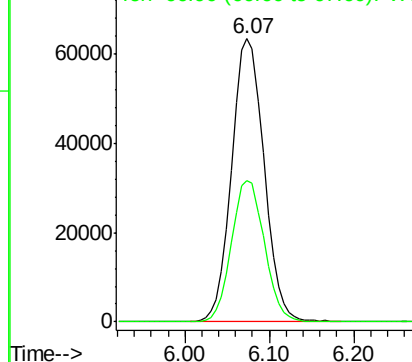
65 100

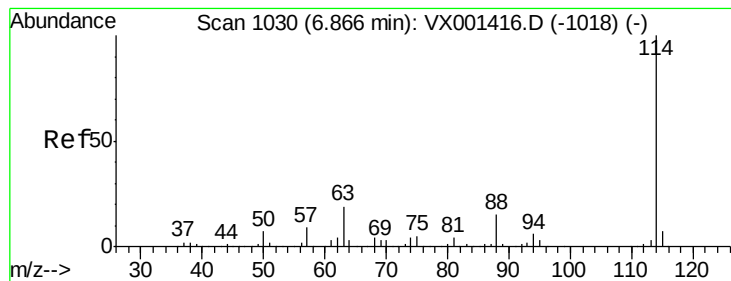
67 50.6 0.0 101.8



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: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

TP-2B-COMP

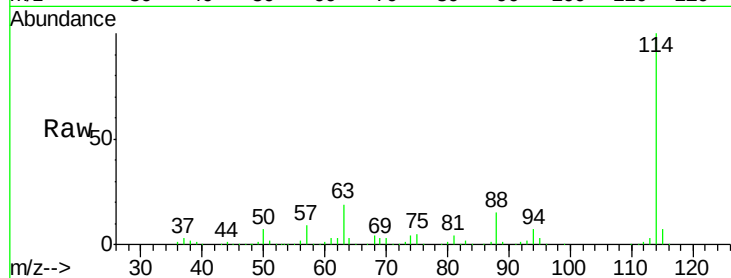
Tgt Ion:114 Resp: 333347

Ion Ratio Lower Upper

114 100

63 18.9 0.0 38.6

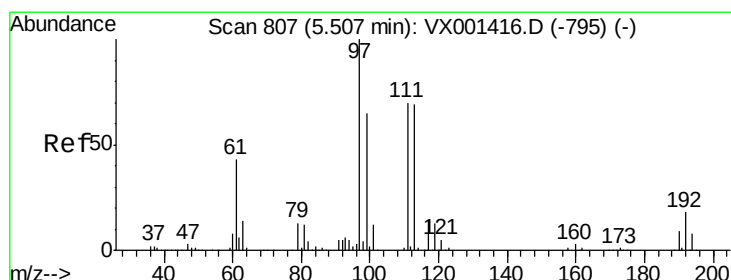
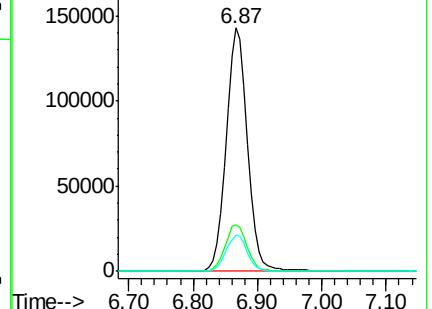
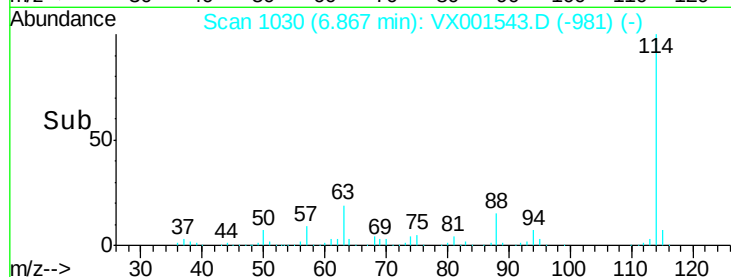
88 14.8 0.0 30.8



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: 43.04 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

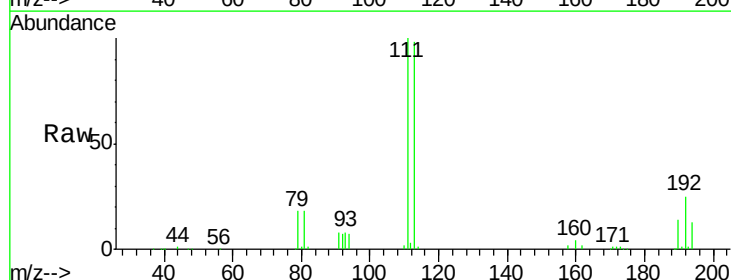
Tgt Ion:113 Resp: 127612

Ion Ratio Lower Upper

113 100

111 102.7 82.2 123.2

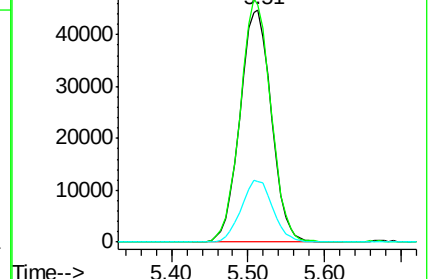
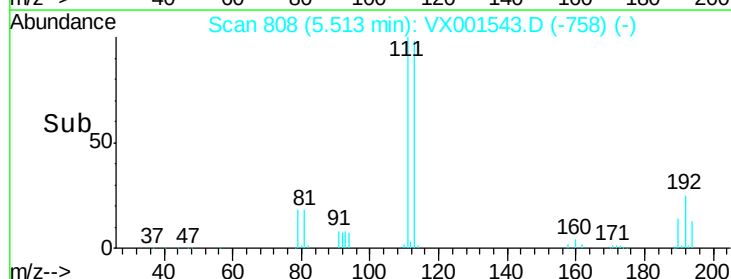
192 26.7 21.4 32.0

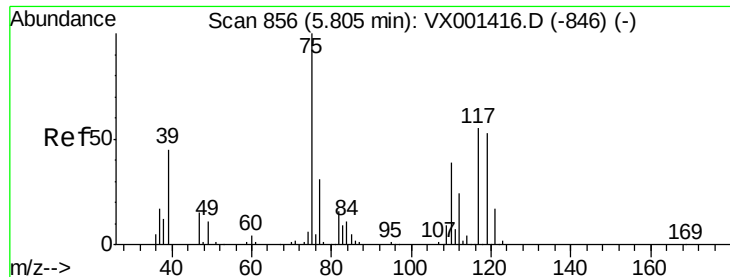


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

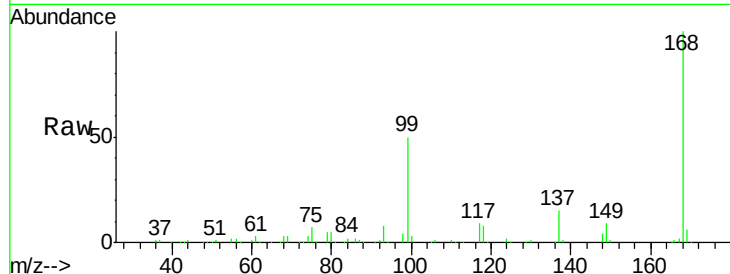




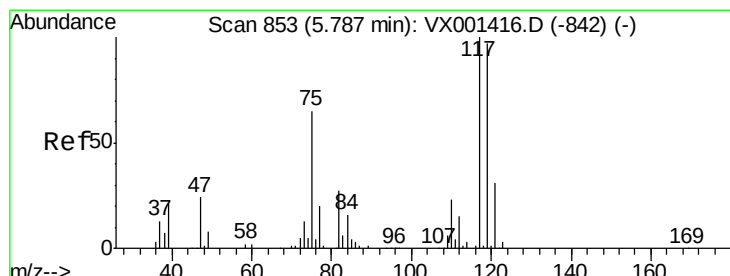
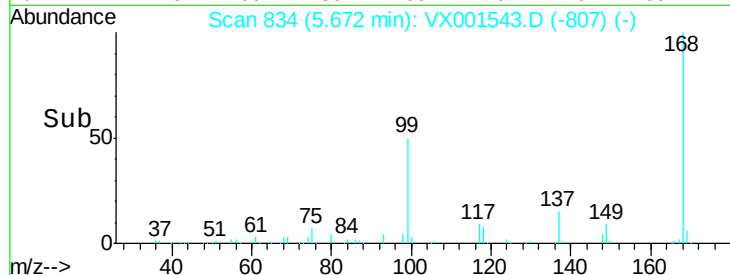
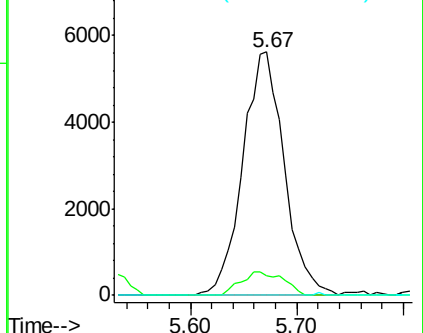
#36
 1,1-Dichloropropene
 Concen: 3.62 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX001543.D
 Acq: 09 May 2018 05:08

Instrument :
 MSVOA_X
 ClientSampleId :
 TP-2B-COMP

Tgt Ion: 75 Resp: 15344
 Ion Ratio Lower Upper
 75 100
 110 9.9 18.9 56.7#
 77 0.0 24.9 37.3#

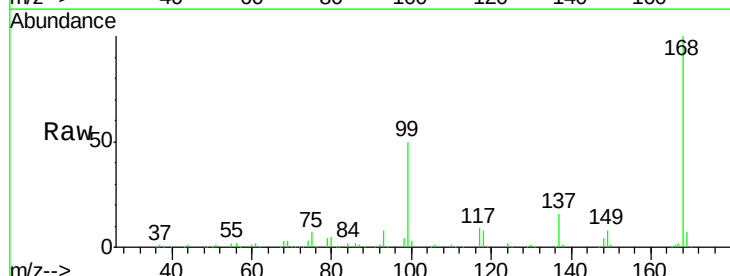


Abundance Ion 74.90 (74.60 to 75.60): VX0
 Ion 109.90 (109.60 to 110.60): V
 Ion 76.90 (76.60 to 77.60): VX0

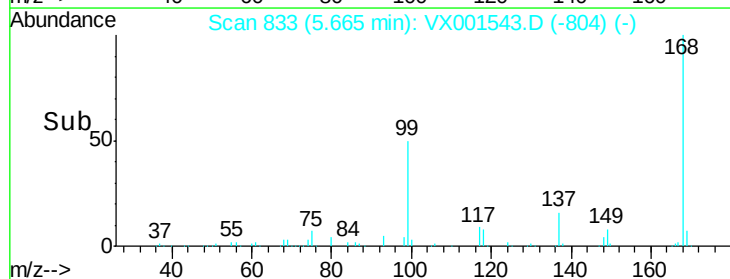
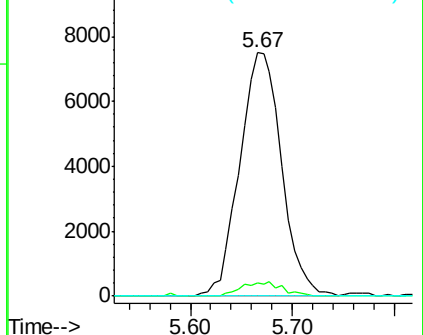


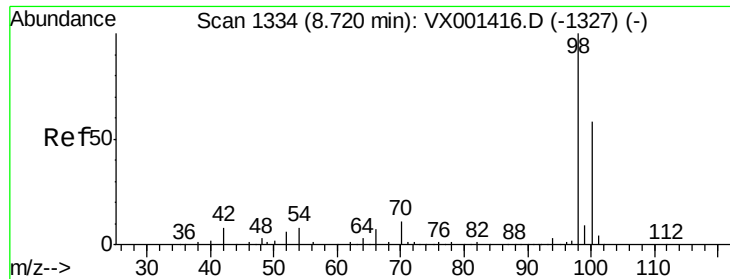
#38
 Carbon Tetrachloride
 Concen: 4.73 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.12 min
 Lab File: VX001543.D
 Acq: 09 May 2018 05:08

Tgt Ion: 117 Resp: 21374
 Ion Ratio Lower Upper
 117 100
 119 5.5 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

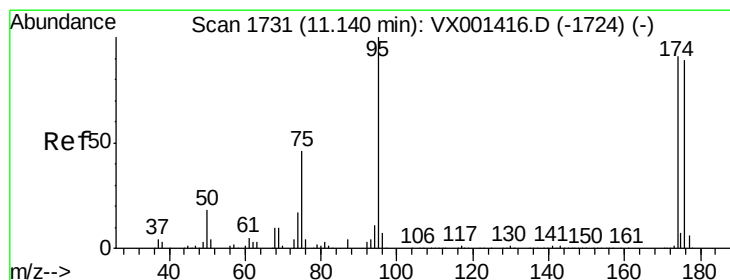
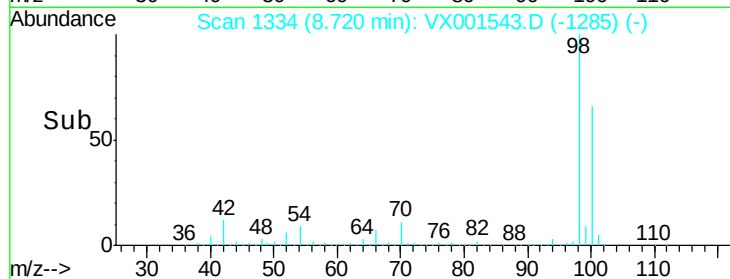
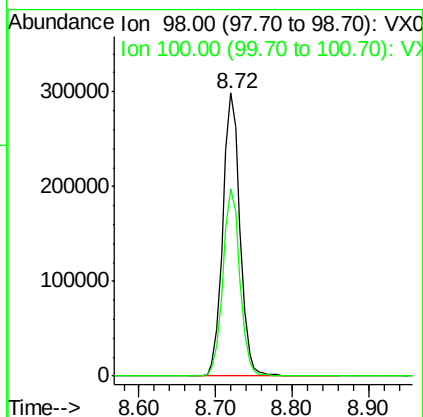
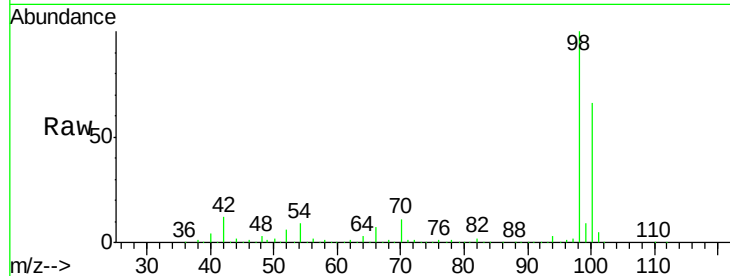




#50
Toluene-d8
Concen: 42.80 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001543.D
Acq: 09 May 2018 05:08

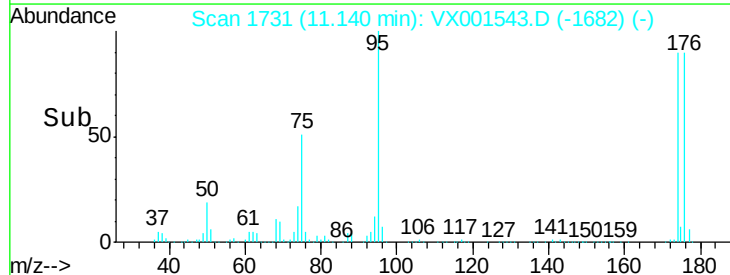
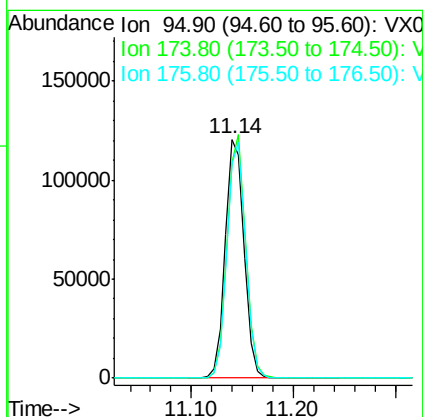
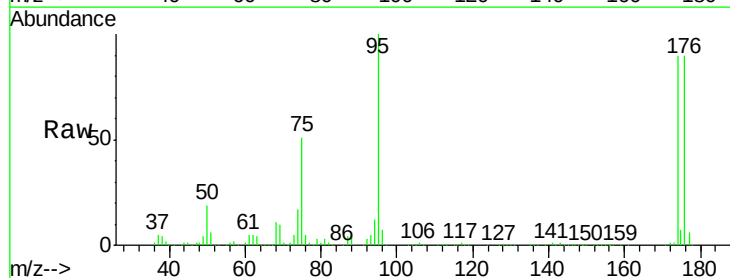
Instrument :
MSVOA_X
ClientSampleId :
TP-2B-COMP

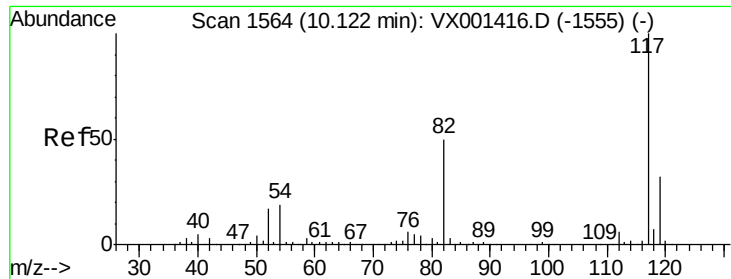
Tgt Ion: 98 Resp: 463273
Ion Ratio Lower Upper
98 100
100 65.9 54.0 81.0



#62
4-Bromofluorobenzene
Concen: 37.06 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001543.D
Acq: 09 May 2018 05:08

Tgt Ion: 95 Resp: 153961
Ion Ratio Lower Upper
95 100
174 99.7 0.0 202.0
176 97.0 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: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

TP-2B-COMP

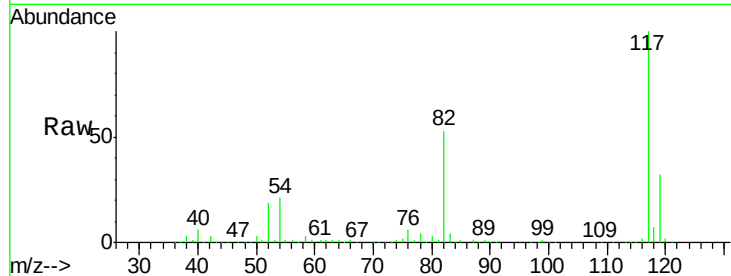
Tgt Ion:117 Resp: 298528

Ion Ratio Lower Upper

117 100

82 53.0 40.0 60.0

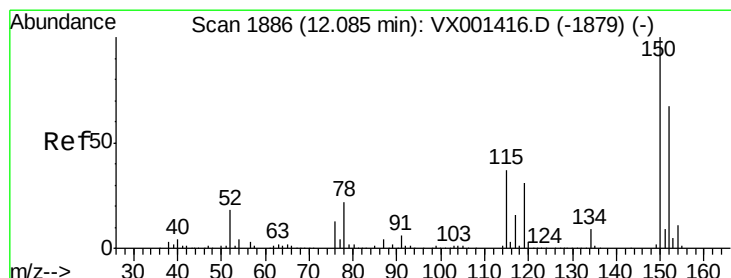
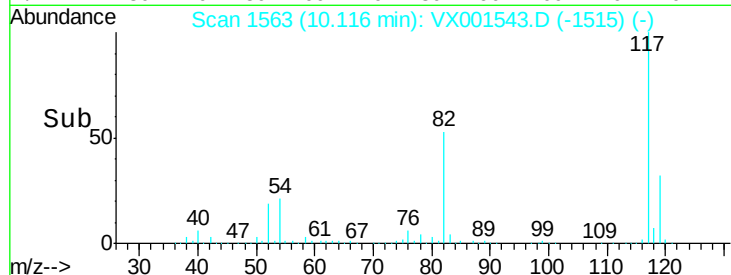
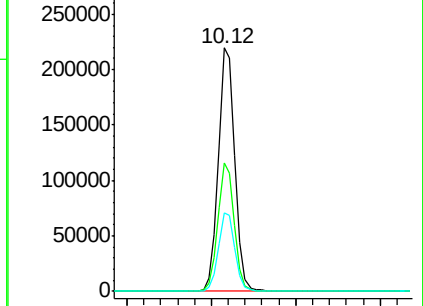
119 32.2 25.8 38.8



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: VX001543.D

Acq: 09 May 2018 05:08

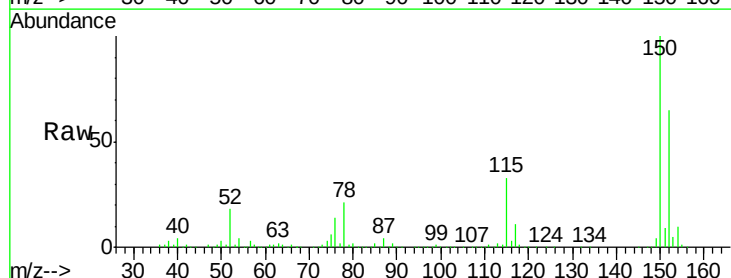
Tgt Ion:152 Resp: 166507

Ion Ratio Lower Upper

152 100

115 52.4 37.7 113.1

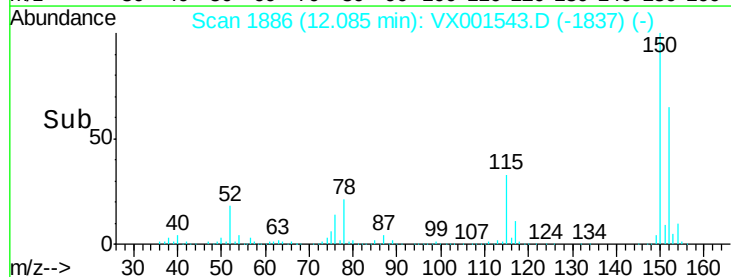
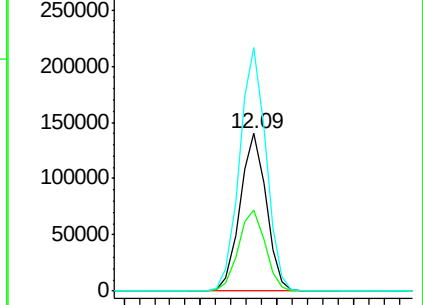
150 155.8 0.0 349.4

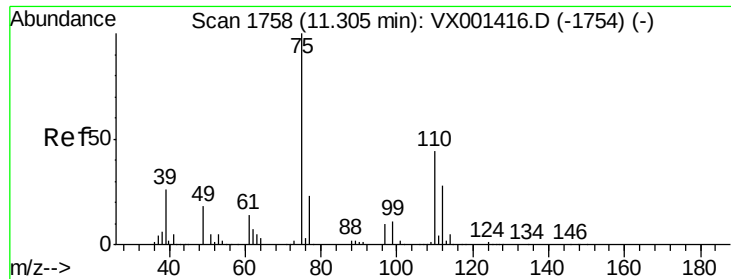


Abundance Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#76

1,2,3-Trichloropropane

Concen: 22.97 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

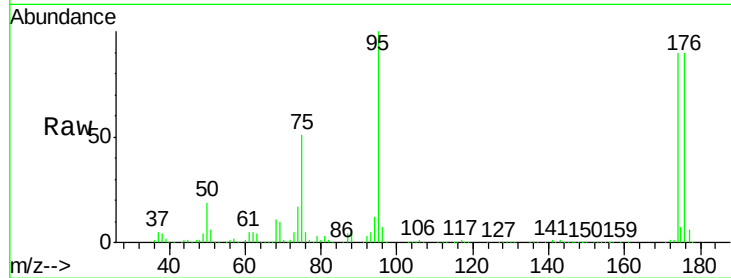
TP-2B-COMP

Tgt Ion: 75 Resp: 77578

Ion Ratio Lower Upper

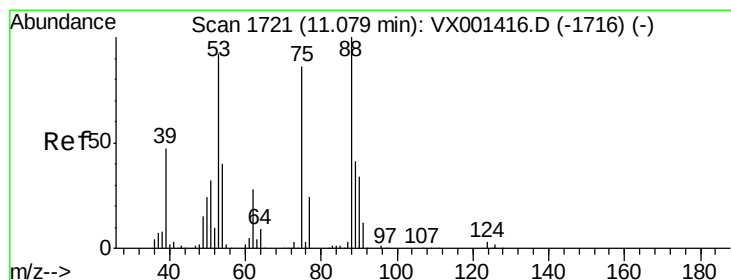
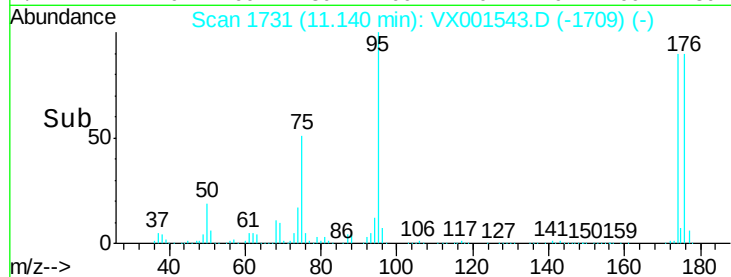
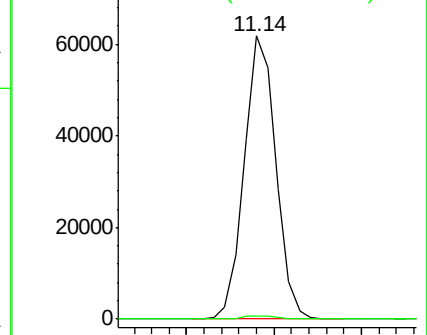
75 100

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



#81

trans-1,4-Dichloro-2-butene

Concen: 71.25 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

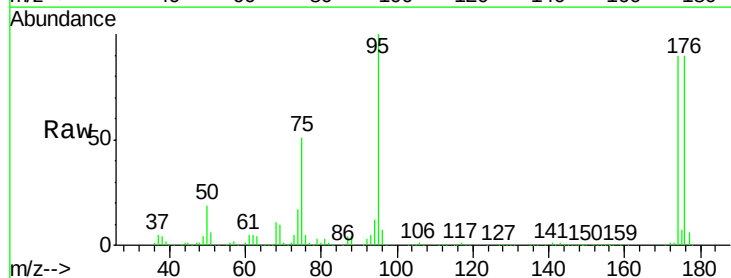
Tgt Ion: 75 Resp: 77578

Ion Ratio Lower Upper

75 100

53 0.2 84.5 126.7#

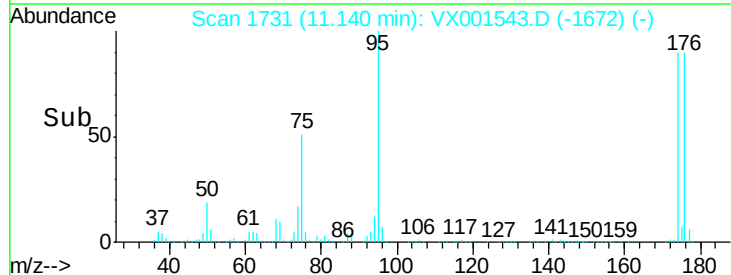
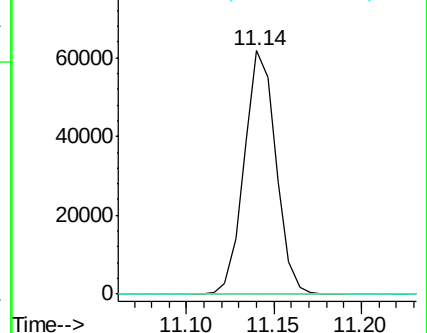
89 0.0 39.5 59.3#

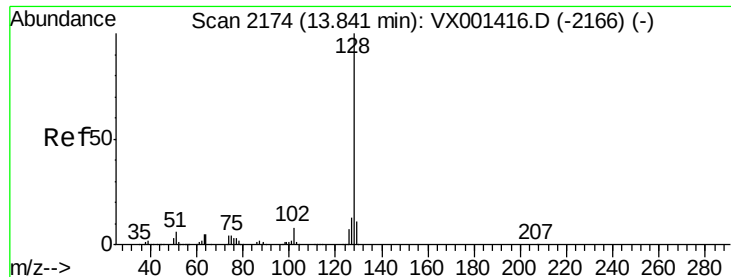


Abundance Ion 74.90 (74.60 to 75.60): VX0

Ion 53.00 (52.70 to 53.70): VX0

Ion 88.90 (88.60 to 89.60): VX0





#95

Naphthalene

Concen: 0.22 ug/l

RT: 13.84 min Scan# 2174

Delta R.T. 0.00 min

Lab File: VX001543.D

Acq: 09 May 2018 05:08

Instrument :

MSVOA_X

ClientSampleId :

TP-2B-COMP

Tgt Ion:128 Resp: 2715

Ion Ratio Lower Upper

128 100

127 12.2 10.4 15.6

129 14.4 8.7 13.1#

