

Data Path : W:\HPCHEM1\MSVOA_X\DATA\VX050718\
 Data File : VX001462.D
 Acq On : 07 May 2018 13:25
 Operator : JC/MD
 Sample : VX0507WBL01
 Misc : 5.0mL/MSVOA_X/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBL01

Quant Time: May 08 06:05:01 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	299907	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	401799	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	350612	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	187800	50.00	ug/l	0.00

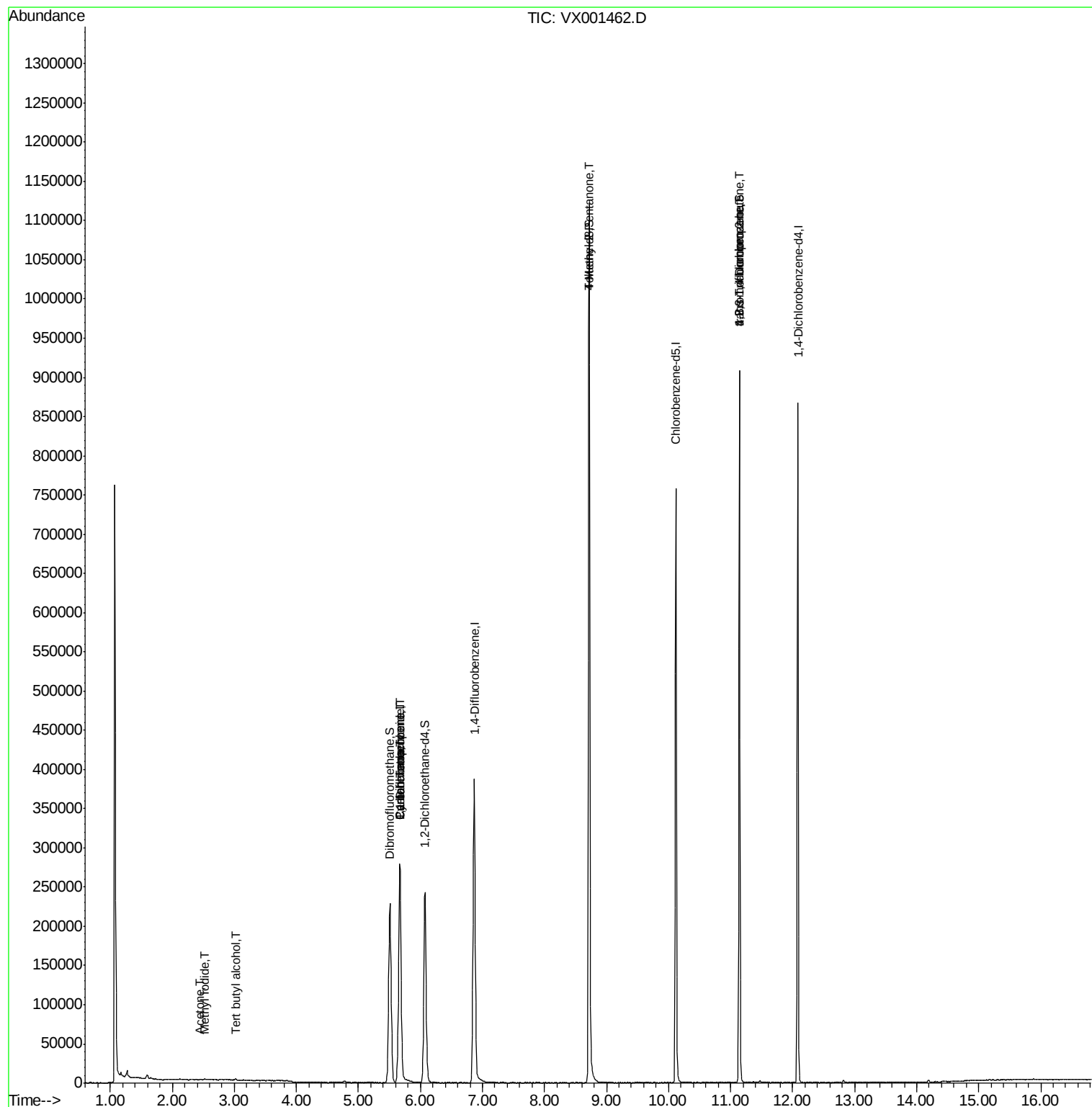
System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
33) 1,2-Dichloroethane-d4	6.07	65	236098	54.77	ug/l	0.00
Spiked Amount 50.000			Recovery	=	109.54%	
35) Dibromofluoromethane	5.51	113	184174	51.53	ug/l	0.00
Spiked Amount 50.000			Recovery	=	103.06%	
50) Toluene-d8	8.72	98	670391	51.39	ug/l	0.00
Spiked Amount 50.000			Recovery	=	102.78%	
62) 4-Bromofluorobenzene	11.14	95	218558	43.64	ug/l	0.00
Spiked Amount 50.000			Recovery	=	87.28%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
5) Bromomethane	1.65	94	984	Below Cal		84
10) Methyl Iodide	2.52	142	1121	0.21 ug/l	#	93
11) Tert butyl alcohol	3.01	59	1024	1.13 ug/l	#	72
13) Acrolein	2.29	56	44	Below Cal	#	1
16) Acetone	2.45	43	762	0.39 ug/l	#	53
31) Cyclohexane	5.67	56	5285	0.95 ug/l	#	17
36) 1,1-Dichloropropene	5.67	75	18032	3.53 ug/l	#	49
38) Carbon Tetrachloride	5.67	117	25415	4.66 ug/l	#	16
51) 4-Methyl-2-Pentanone	8.72	43	3240	0.57 ug/l	#	1
76) 1,2,3-Trichloropropane	11.14	75	108817	28.57 ug/l	#	38
81) trans-1,4-Dichloro-2-buten	11.14	75	108817	87.57 ug/l	#	7

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

Instrument :
MSVOA_X
ClientSampled :
VX0507WBL01

Quant Time: May 08 06:05:01 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# 833

Delta R.T. -0.01 min

Lab File: VX001462.D

Acq: 07 May 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

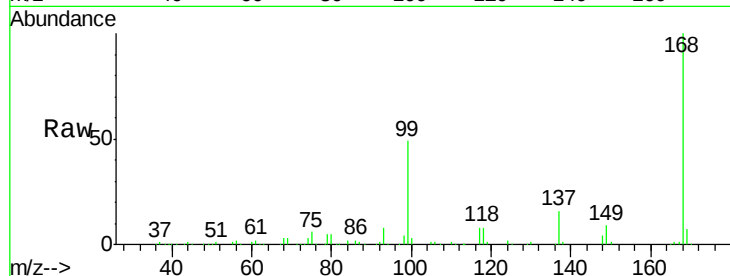
VX0507WBL01

Tgt Ion:168 Resp: 299907

Ion Ratio Lower Upper

168 100

99 48.8 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

120000

100000

80000

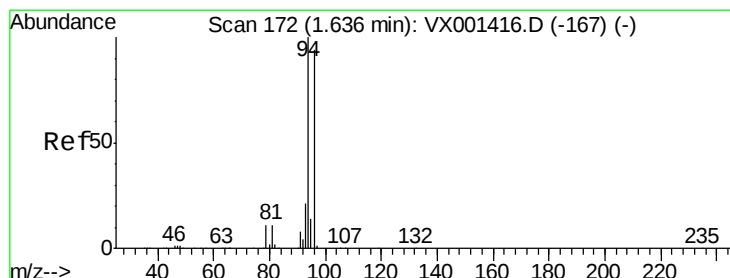
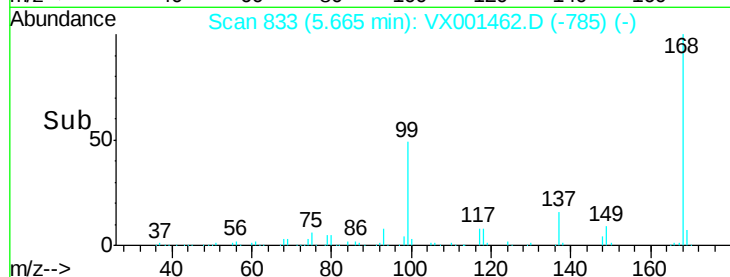
60000

40000

20000

0

Time-->



#5

Bromomethane

Concen: Below Cal

RT: 1.65 min Scan# 175

Delta R.T. 0.02 min

Lab File: VX001462.D

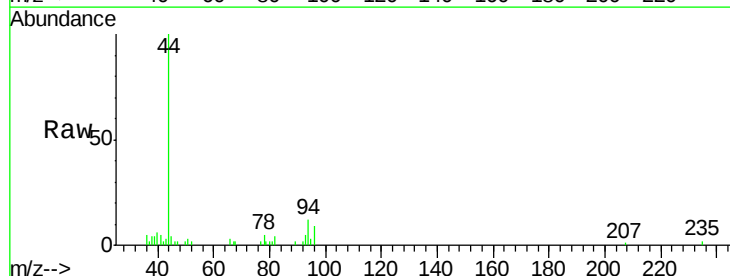
Acq: 07 May 2018 13:25

Tgt Ion: 94 Resp: 984

Ion Ratio Lower Upper

94 100

96 78.6 75.0 112.6



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0

1.65

400

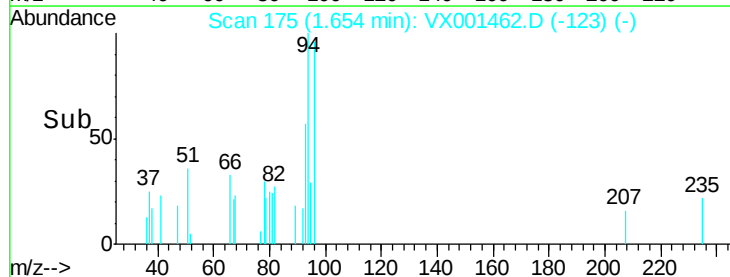
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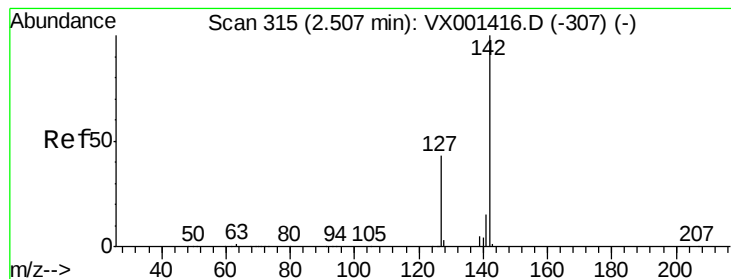
200

100

0

Time-->





#10

Methyl Iodide

Concen: 0.21 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX001462.D

Acq: 07 May 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBL01

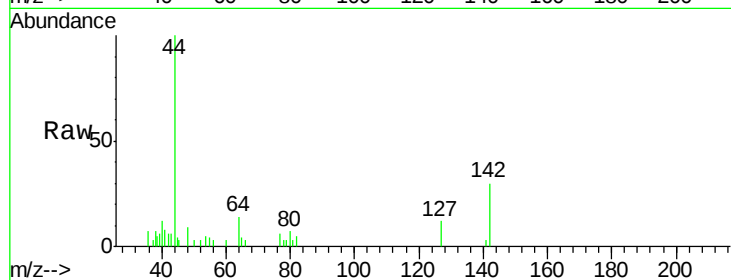
Tgt Ion:142 Resp: 1121

Ion Ratio Lower Upper

142 100

127 43.7 33.6 50.4

141 7.0 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

2.52

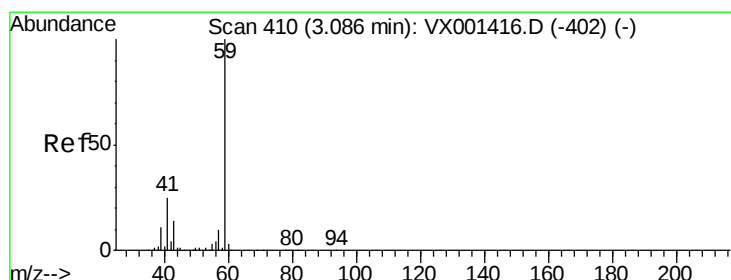
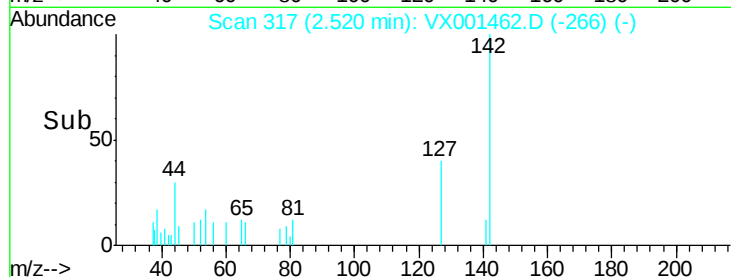
600

400

200

0

Time--> 2.45 2.50 2.55



#11

Tert butyl alcohol

Concen: 1.13 ug/l

RT: 3.01 min Scan# 398

Delta R.T. -0.07 min

Lab File: VX001462.D

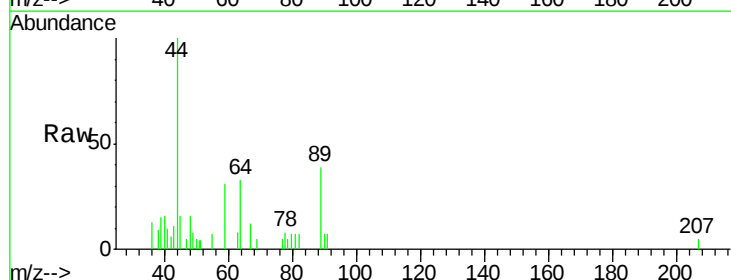
Acq: 07 May 2018 13:25

Tgt Ion: 59 Resp: 1024

Ion Ratio Lower Upper

59 100

57 0.0 8.2 12.4#



Abundance Ion 59.00 (58.70 to 59.70): VX0

Ion 57.00 (56.70 to 57.70): VX0

3.01

400

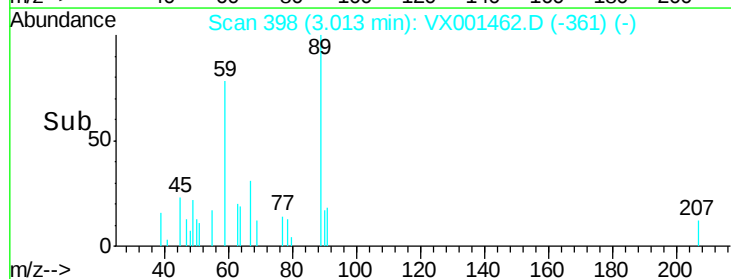
300

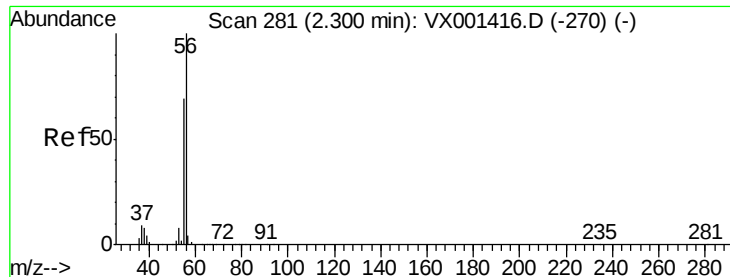
200

100

0

Time--> 2.95 3.00 3.05 3.10





#13

Acrolein

Concen: Below Cal

RT: 2.29 min Scan# 280

Delta R.T. -0.01 min

Lab File: VX001462.D

Acq: 07 May 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

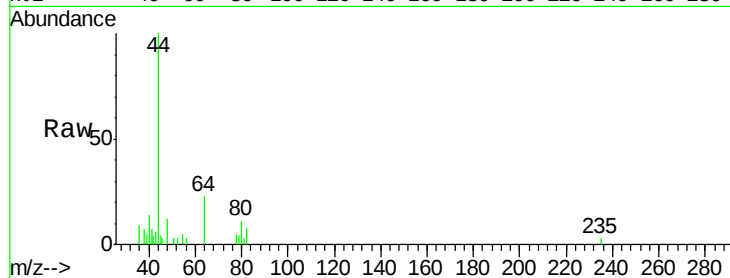
VX0507WBL01

Tgt Ion: 56 Resp: 44

Ion Ratio Lower Upper

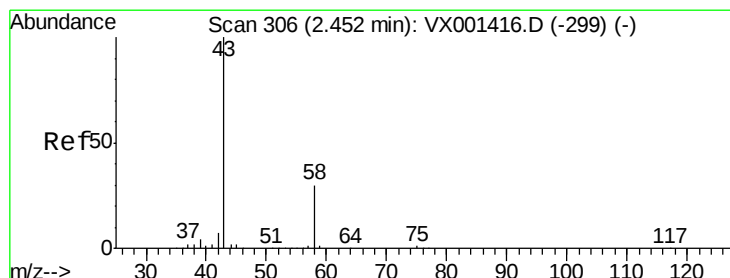
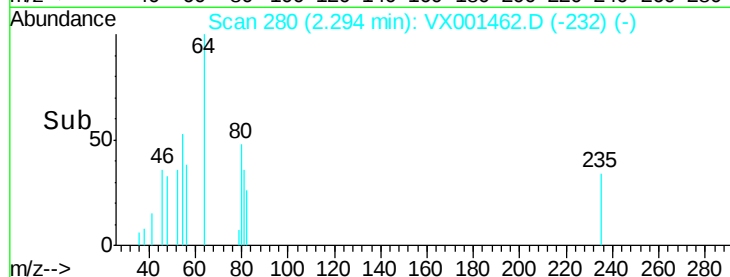
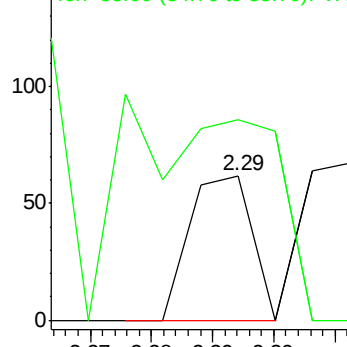
56 100

55 338.6 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: 0.39 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX001462.D

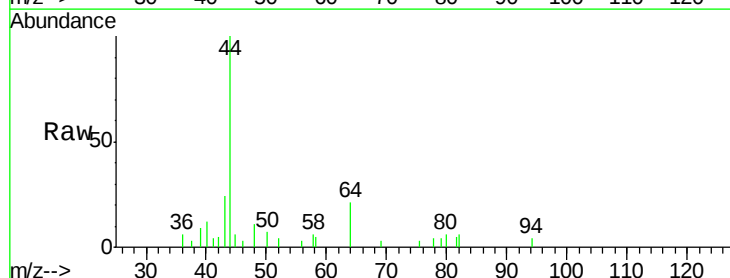
Acq: 07 May 2018 13:25

Tgt Ion: 43 Resp: 762

Ion Ratio Lower Upper

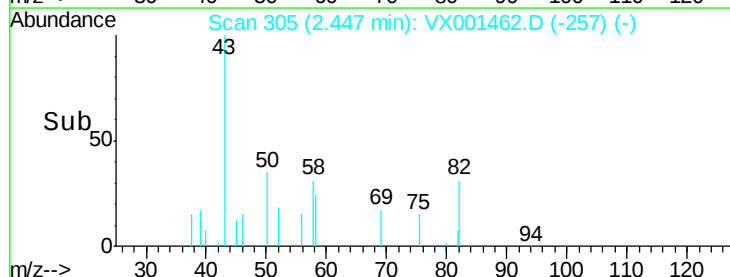
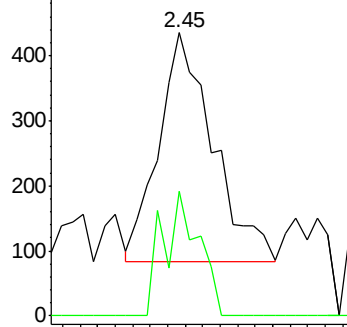
43 100

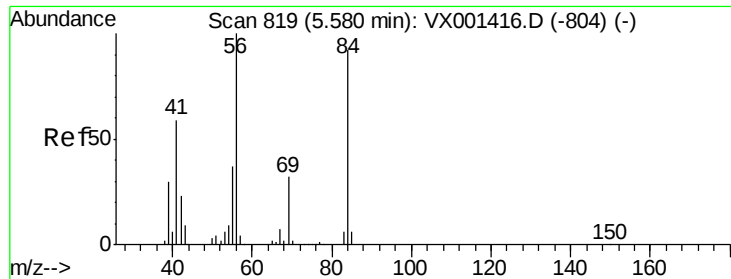
58 55.0 23.8 35.8#



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0

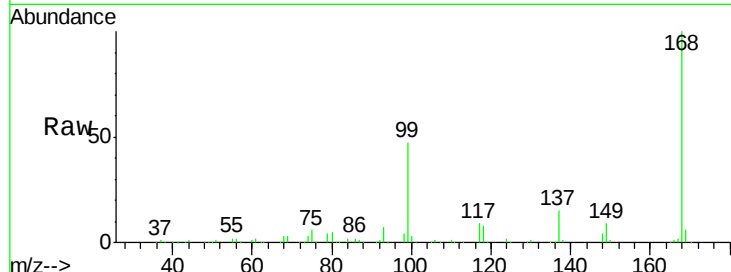




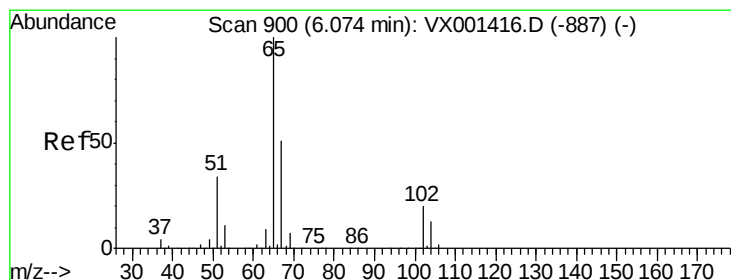
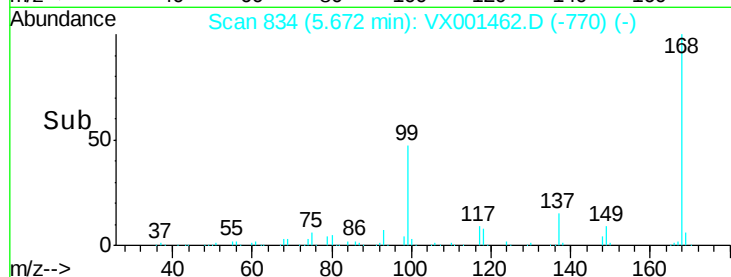
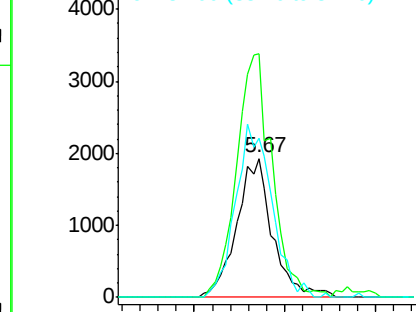
#31
Cyclohexane
Concen: 0.95 ug/l
RT: 5.67 min Scan# 834
Delta R.T. 0.09 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

Tgt Ion: 56 Resp: 5285
Ion Ratio Lower Upper
56 100
69 175.1 25.4 38.0#
84 114.4 73.8 110.8#

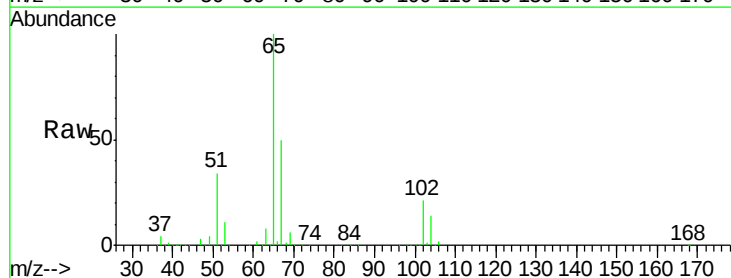


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

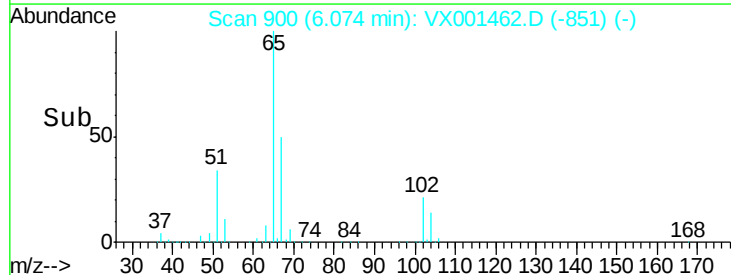
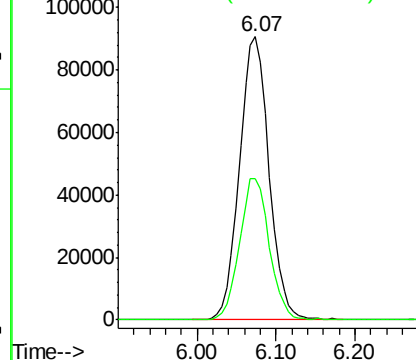


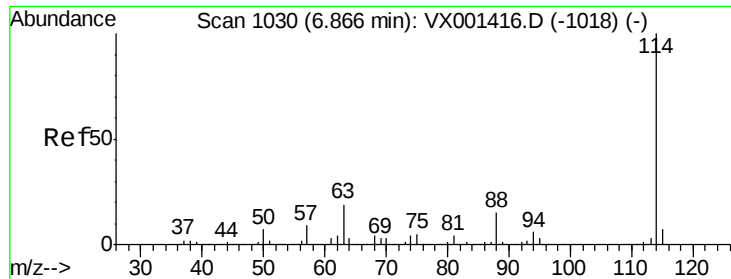
#33
1,2-Dichloroethane-d4
Concen: 54.77 ug/l
RT: 6.07 min Scan# 900
Delta R.T. 0.00 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

Tgt Ion: 65 Resp: 236098
Ion Ratio Lower Upper
65 100
67 50.5 0.0 101.8



Abundance Ion 64.90 (64.60 to 65.60): VX0
Ion 66.90 (66.60 to 67.60): VX0

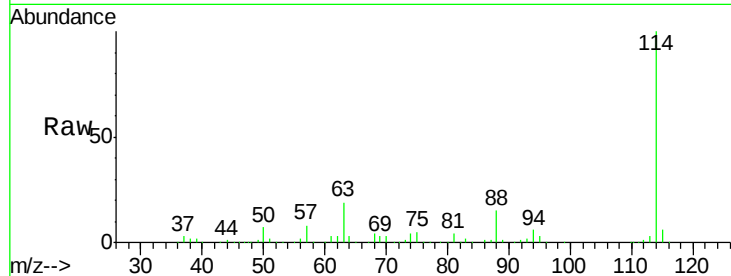




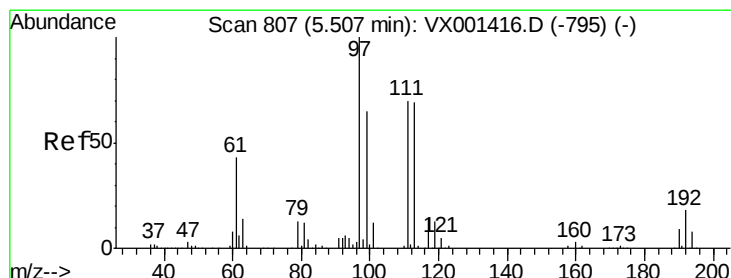
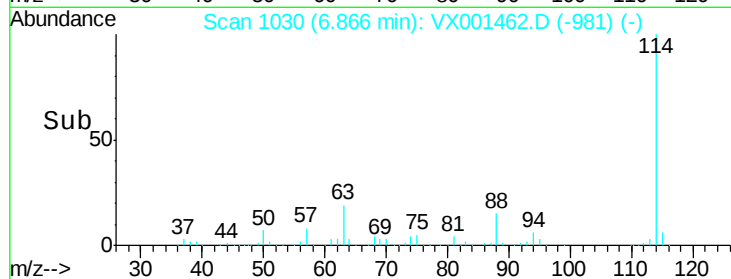
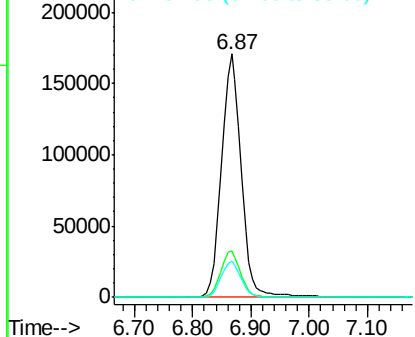
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1030
 Delta R.T. 0.00 min
 Lab File: VX001462.D
 Acq: 07 May 2018 13:25

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0507WBL01

Tgt Ion:114 Resp: 401799
 Ion Ratio Lower Upper
 114 100
 63 19.1 0.0 38.6
 88 14.9 0.0 30.8

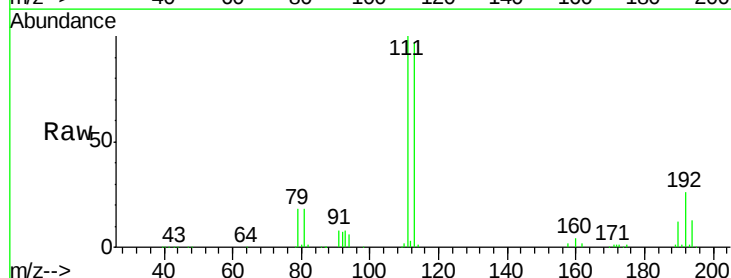


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX0
 Ion 87.90 (87.60 to 88.60): VX0

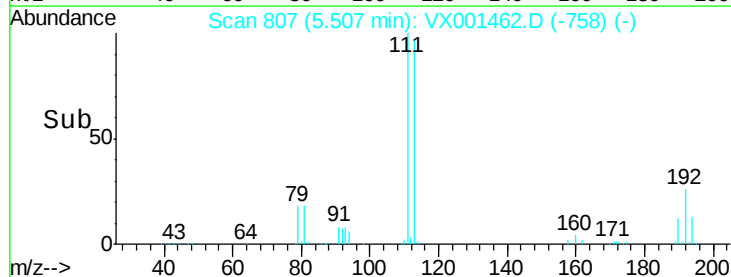
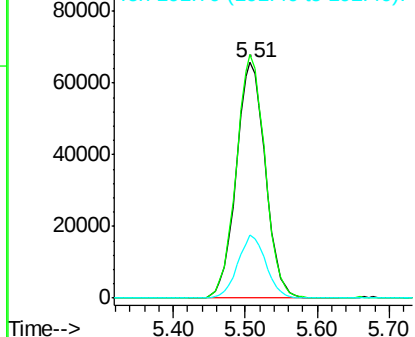


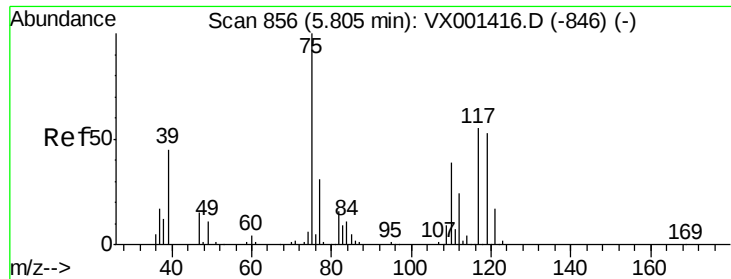
#35
 Dibromofluoromethane
 Concen: 51.53 ug/l
 RT: 5.51 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: VX001462.D
 Acq: 07 May 2018 13:25

Tgt Ion:113 Resp: 184174
 Ion Ratio Lower Upper
 113 100
 111 102.2 82.2 123.2
 192 25.8 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

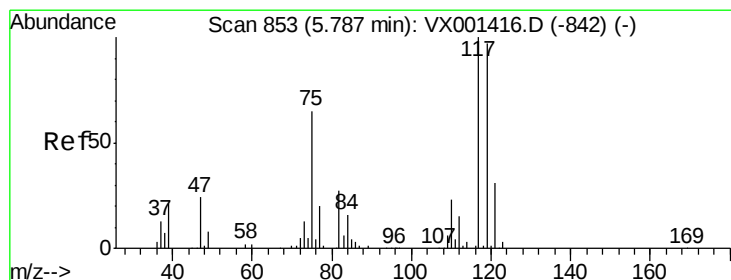
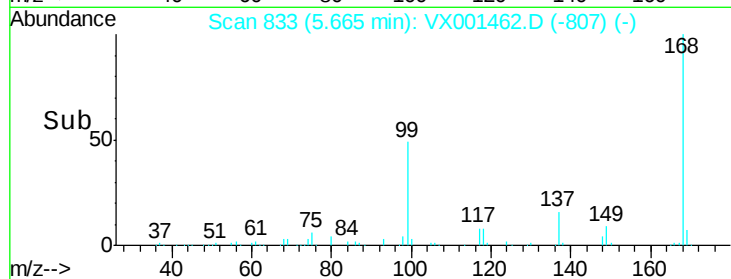
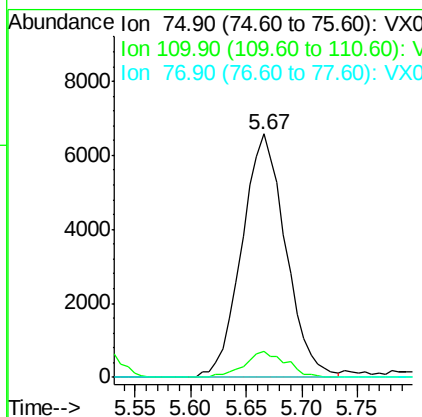
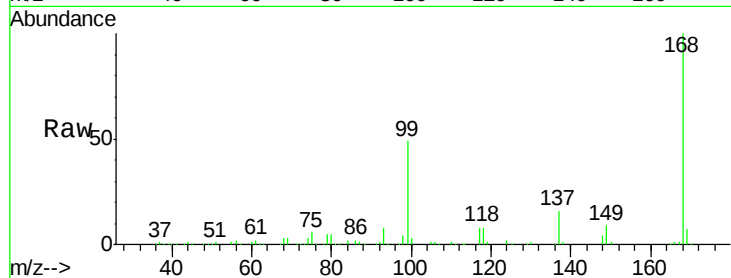




#36
 1,1-Dichloropropene
 Concen: 3.53 ug/l
 RT: 5.67 min Scan# 833
 Delta R.T. -0.14 min
 Lab File: VX001462.D
 Acq: 07 May 2018 13:25

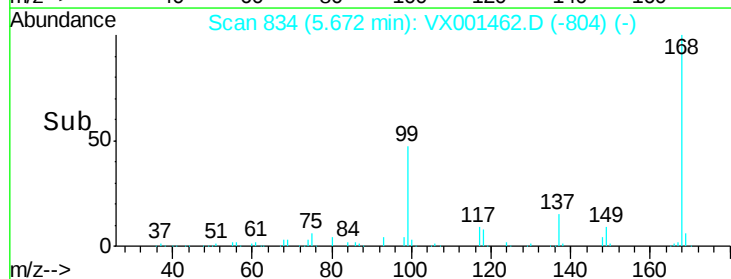
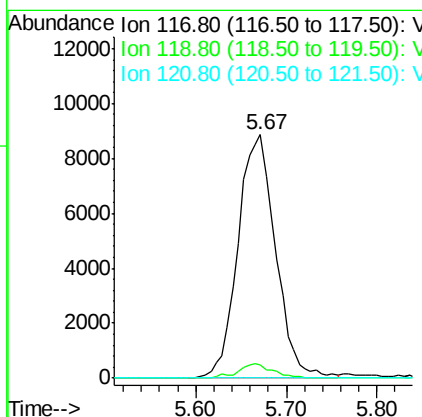
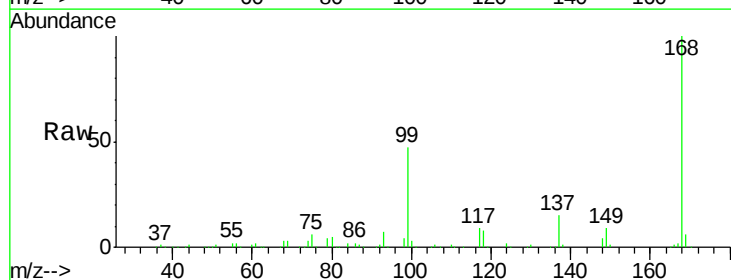
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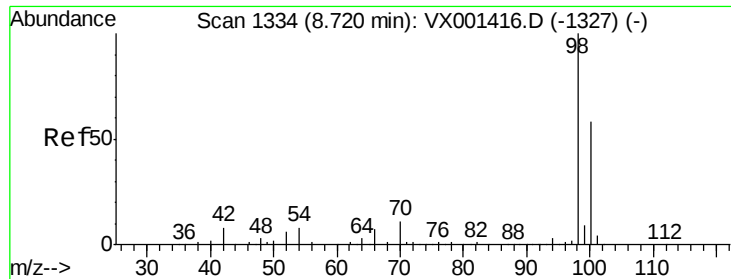
Tgt Ion: 75 Resp: 18032
 Ion Ratio Lower Upper
 75 100
 110 10.1 18.9 56.7#
 77 0.0 24.9 37.3#



#38
 Carbon Tetrachloride
 Concen: 4.66 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.12 min
 Lab File: VX001462.D
 Acq: 07 May 2018 13:25

Tgt Ion: 117 Resp: 25415
 Ion Ratio Lower Upper
 117 100
 119 5.5 77.0 115.6#
 121 0.0 25.1 37.7#

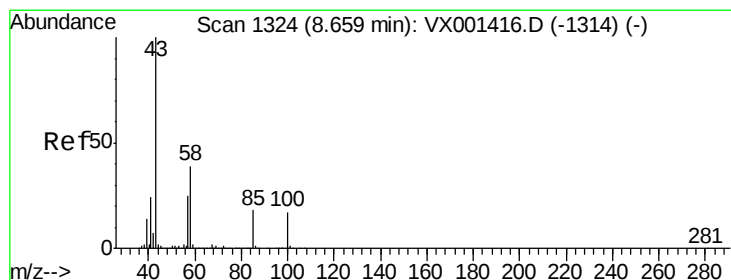
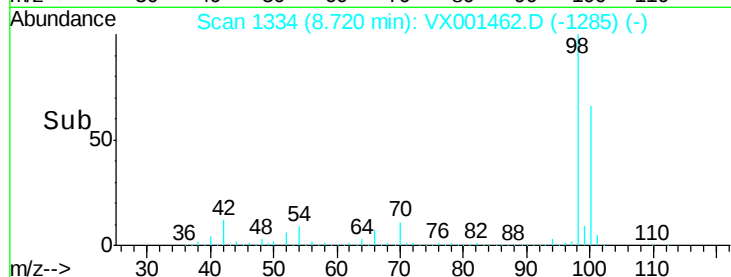
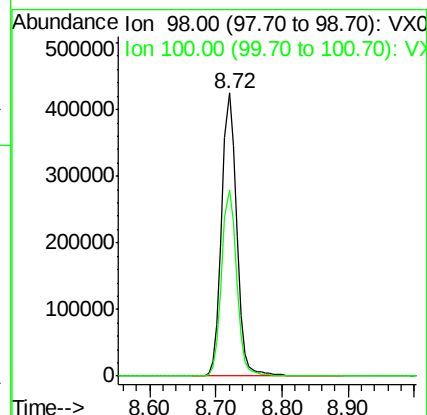
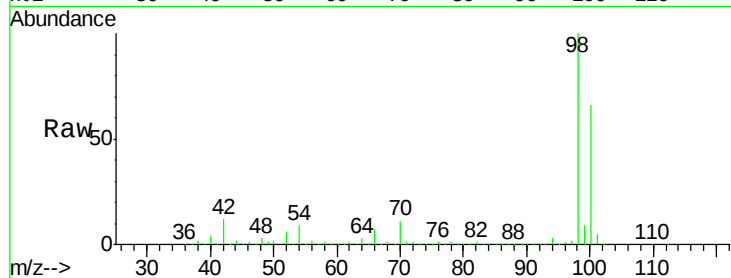




#50
Toluene-d8
Concen: 51.39 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.00 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

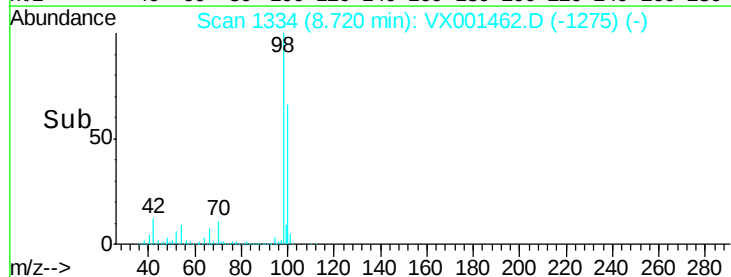
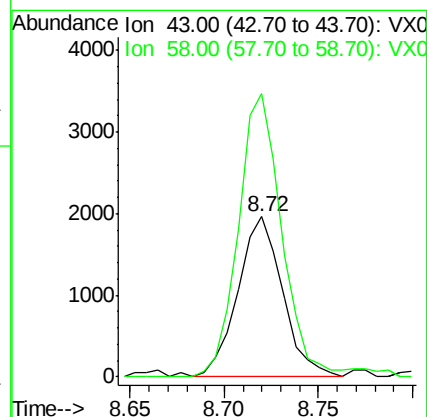
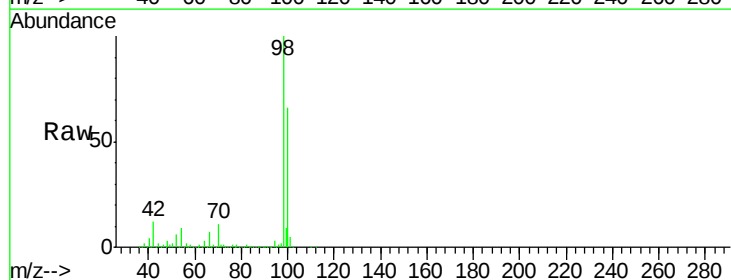
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

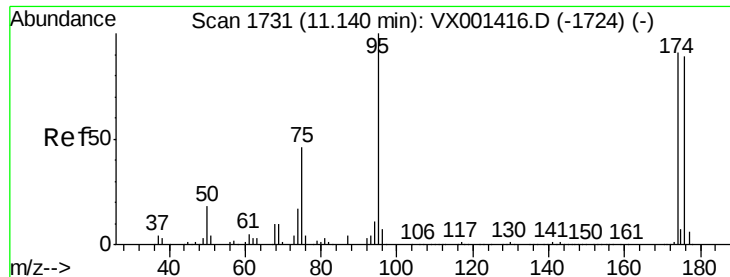
Tgt Ion: 98 Resp: 670391
Ion Ratio Lower Upper
98 100
100 65.7 54.0 81.0



#51
4-Methyl-2-Pentanone
Concen: 0.57 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. 0.06 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

Tgt Ion: 43 Resp: 3240
Ion Ratio Lower Upper
43 100
58 169.8 30.8 46.2#

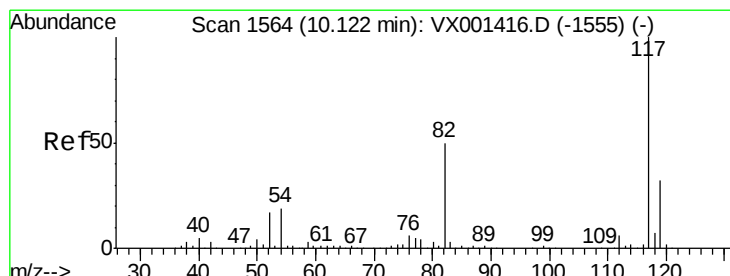
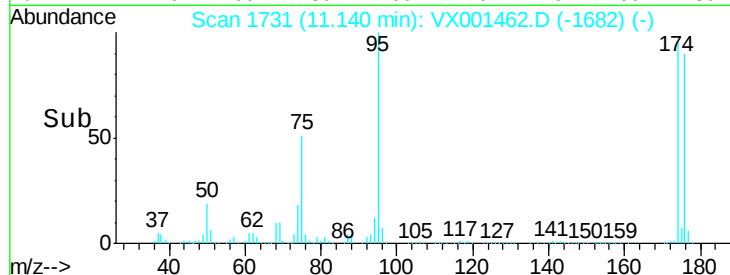
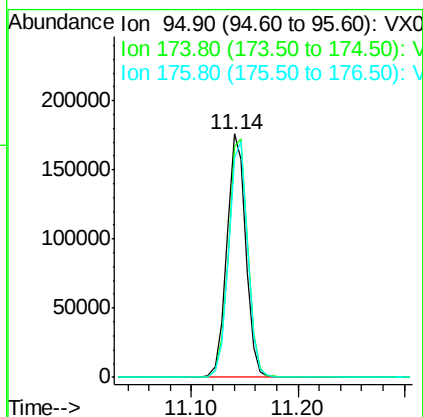
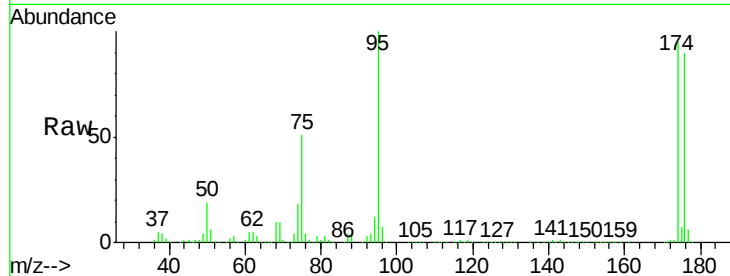




#62
4-Bromofluorobenzene
Concen: 43.64 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. 0.00 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

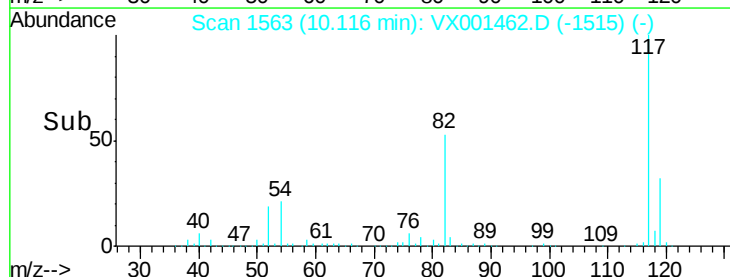
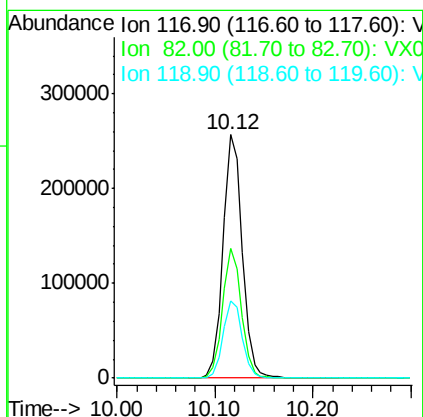
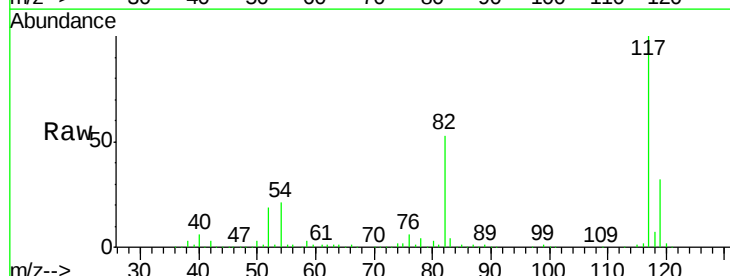
Instrument :
MSVOA_X
ClientSampleId :
VX0507WBL01

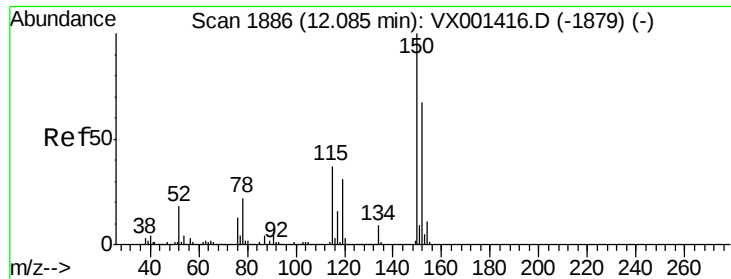
Tgt Ion: 95 Resp: 218558
Ion Ratio Lower Upper
95 100
174 100.6 0.0 202.0
176 97.5 0.0 197.4



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.01 min
Lab File: VX001462.D
Acq: 07 May 2018 13:25

Tgt Ion: 117 Resp: 350612
Ion Ratio Lower Upper
117 100
82 53.2 40.0 60.0
119 31.9 25.8 38.8





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. 0.00 min

Lab File: VX001462.D

Acq: 07 May 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBL01

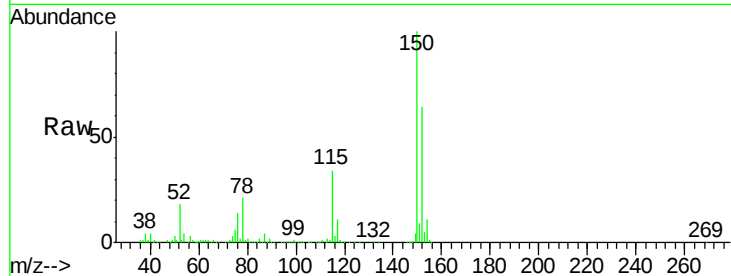
Tgt Ion:152 Resp: 187800

Ion Ratio Lower Upper

152 100

115 53.1 37.7 113.1

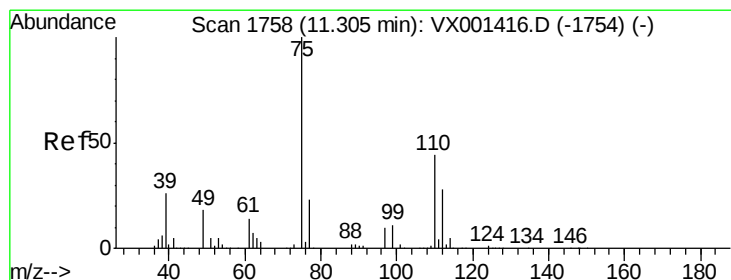
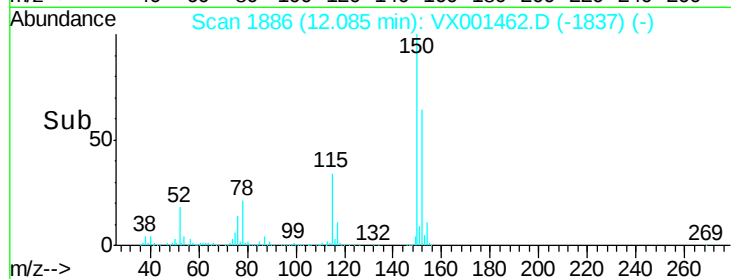
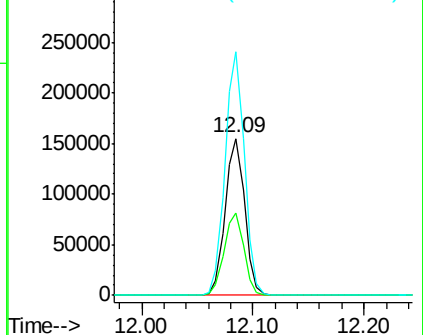
150 154.9 0.0 349.4



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: 28.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX001462.D

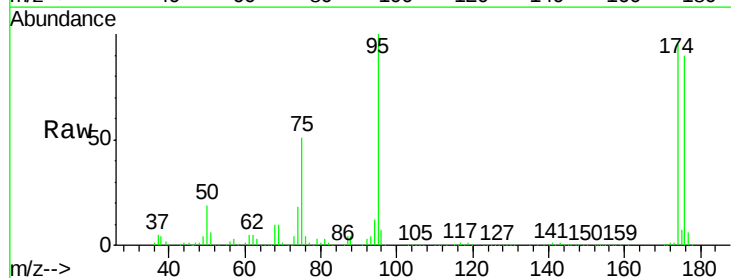
Acq: 07 May 2018 13:25

Tgt Ion: 75 Resp: 108817

Ion Ratio Lower Upper

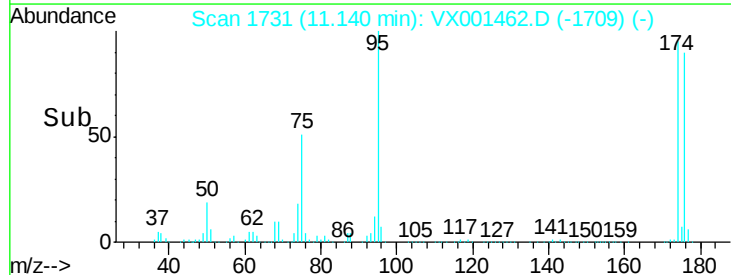
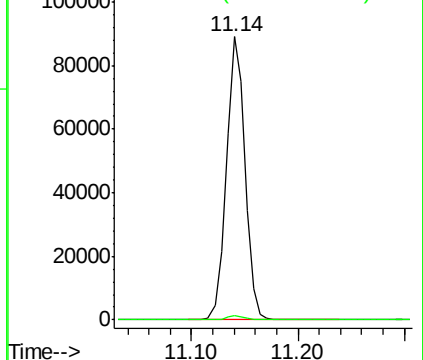
75 100

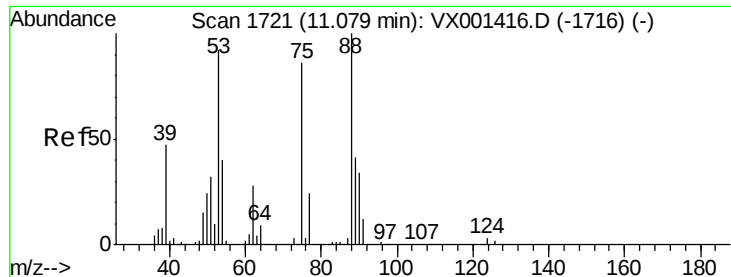
77 1.4 19.6 58.7#



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: 87.57 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX001462.D

Acq: 07 May 2018 13:25

Instrument :

MSVOA_X

ClientSampleId :

VX0507WBL01

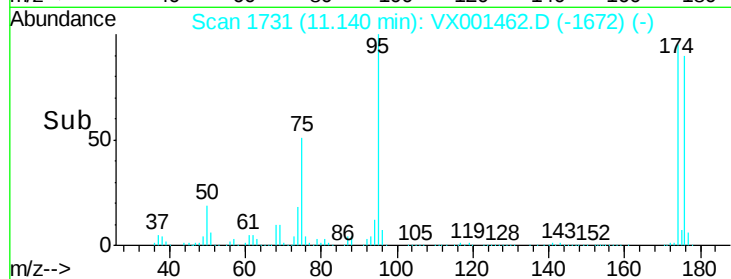
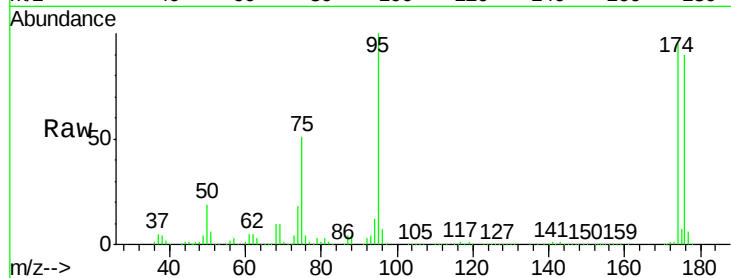
Tgt Ion: 75 Resp: 108817

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

