

Data File : VX000532.D
Acq On : 30 Mar 2018 00:29
Operator : JC/MD
Sample : VX0329WBL02
Misc : 5.0mL/MSVOA_X/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL02

Quant Time: Mar 30 07:00:41 2018
Quant Method : W:\HPCHEM1\MSVOA_X\METHOD\82X032018W.M
Quant Title : SW846 8260
QLast Update : Wed Mar 21 04:52:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.68	168	107163	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	191761	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	192561	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.08	152	98296	50.00	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	6.08	65	76545	54.72	ug/l	0.00
Spiked Amount	50.000		Recovery	=	109.44%	
35) Dibromofluoromethane	5.52	113	59382	49.15	ug/l	0.00
Spiked Amount	50.000		Recovery	=	98.30%	
50) Toluene-d8	8.73	98	244868	48.93	ug/l	0.00
Spiked Amount	50.000		Recovery	=	97.86%	
62) 4-Bromofluorobenzene	11.15	95	84203	41.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	82.16%	

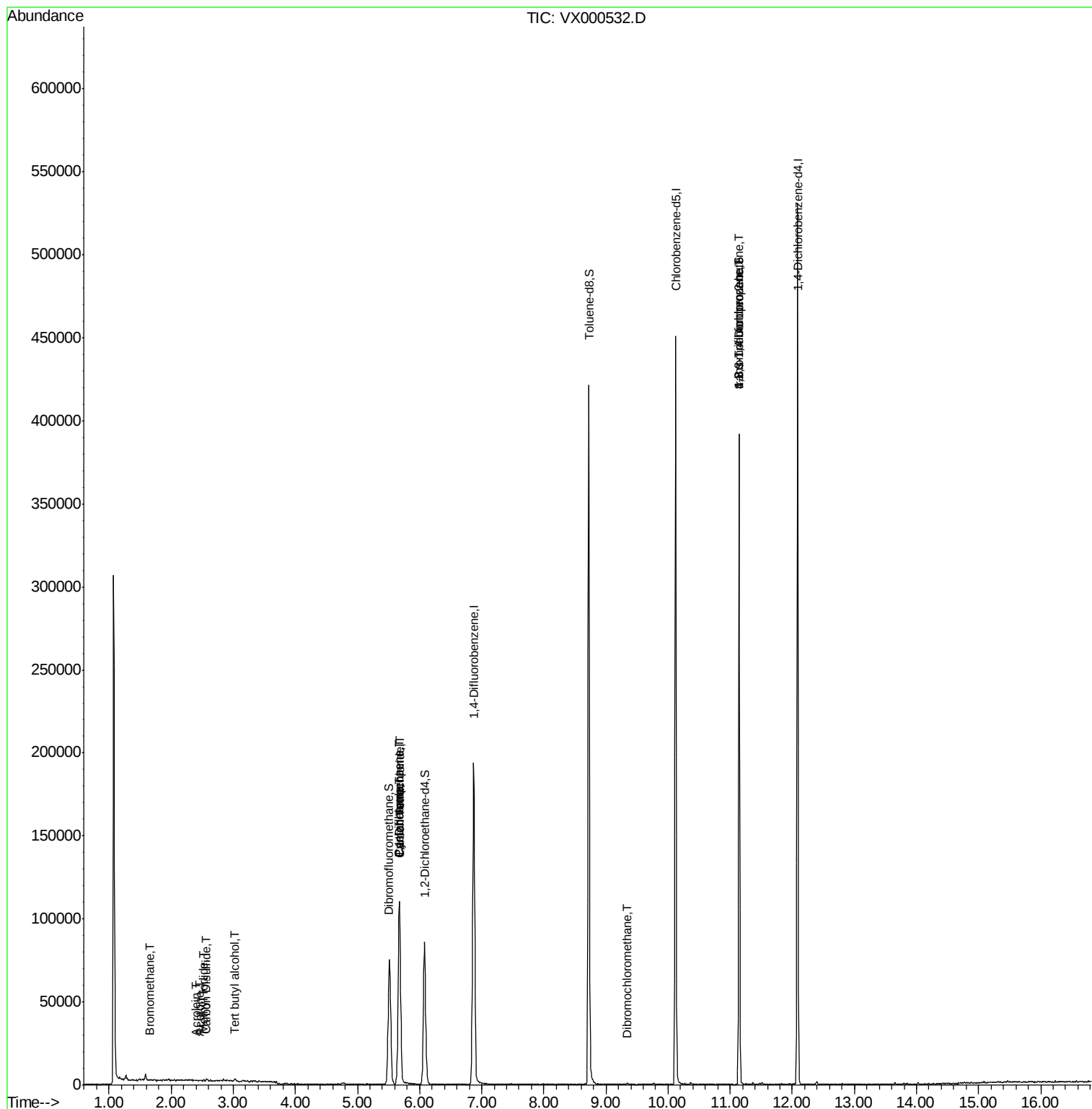
Target Compounds			Qvalue			
5) Bromomethane	1.65	94	255	0.21	ug/l #	68
6) Chloroethane	1.72	64	125	Below	Cal #	44
10) Methyl Iodide	2.51	142	69	4.32	ug/l #	85
11) Tert butyl alcohol	3.03	59	647	1.34	ug/l #	72
13) Acrolein	2.40	56	46	14.86	ug/l #	72
14) Allyl chloride	2.73	41	99	Below	Cal #	1
16) Acetone	2.45	43	430	0.37	ug/l	97
17) Carbon Disulfide	2.57	76	851	0.29	ug/l #	94
31) Cyclohexane	5.68	56	2645	1.50	ug/l #	19
36) 1,1-Dichloropropene	5.67	75	8239	4.59	ug/l #	51
38) Carbon Tetrachloride	5.68	117	10357	5.50	ug/l #	14
60) Dibromochloromethane	9.34	129	106	4.17	ug/l #	12
74) N-amyl acetate	6.51	43	39	Below	Cal #	59
76) 1,2,3-Trichloropropane	11.15	75	48212	22.82	ug/l #	35
81) trans-1,4-Dichloro-2-buten	11.15	75	48212	73.89	ug/l #	9

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

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#1

Pentafluorobenzene

Concen: 50.00 ug/l

RT: 5.68 min Scan# 835

Delta R.T. -0.00 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

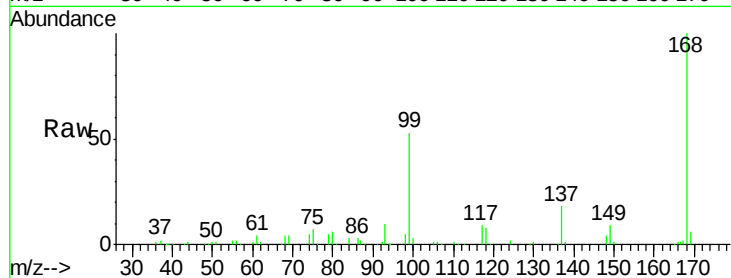
VX0329WBL02

Tgt Ion:168 Resp: 107163

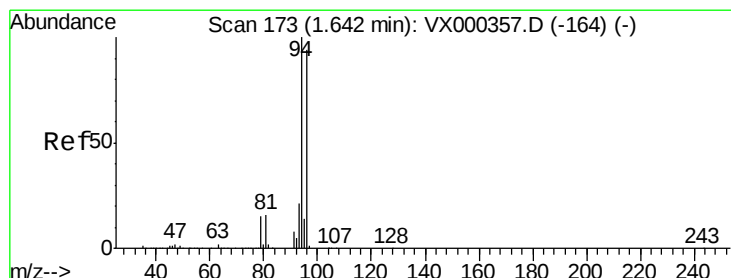
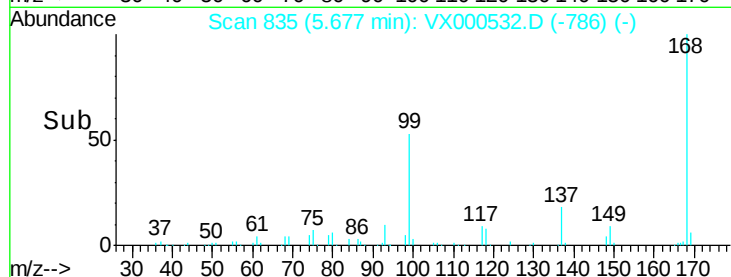
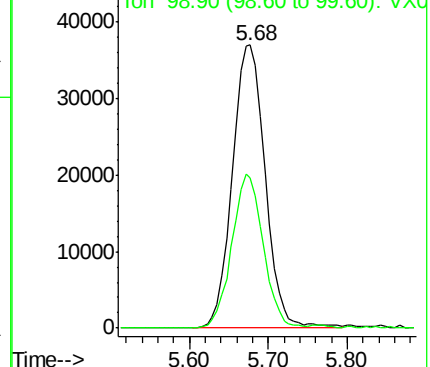
Ion Ratio Lower Upper

168 100

99 52.9 45.8 68.6



Abundance Ion 167.90 (167.60 to 168.60): V



#5

Bromomethane

Concen: 0.21 ug/l

RT: 1.65 min Scan# 174

Delta R.T. 0.01 min

Lab File: VX000532.D

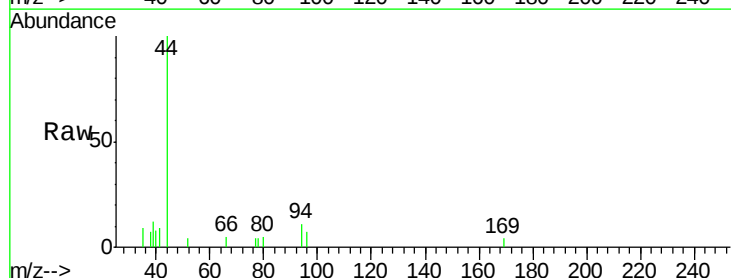
Acq: 30 Mar 2018 00:29

Tgt Ion: 94 Resp: 255

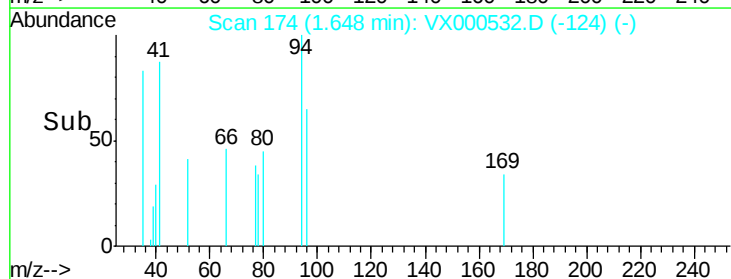
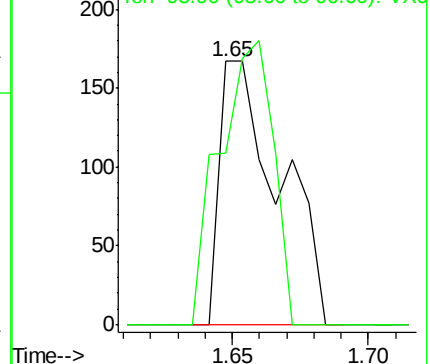
Ion Ratio Lower Upper

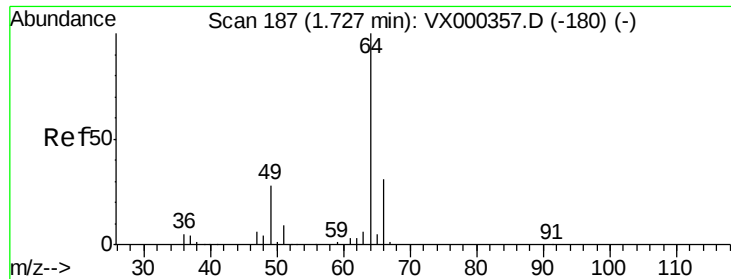
94 100

96 65.3 77.7 116.5#



Abundance Ion 93.90 (93.60 to 94.60): VX0





#6

Chloroethane

Concen: Below Cal

RT: 1.72 min Scan# 186

Delta R.T. -0.01 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

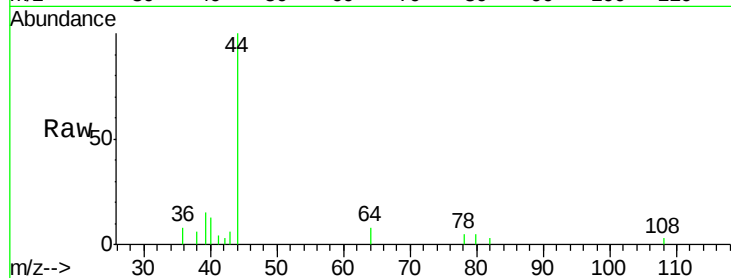
VX0329WBL02

Tgt Ion: 64 Resp: 125

Ion Ratio Lower Upper

64 100

66 0.0 24.8 37.2#



Abundance Ion 63.90 (63.60 to 64.60): VX0

Ion 65.90 (65.60 to 66.60): VX0

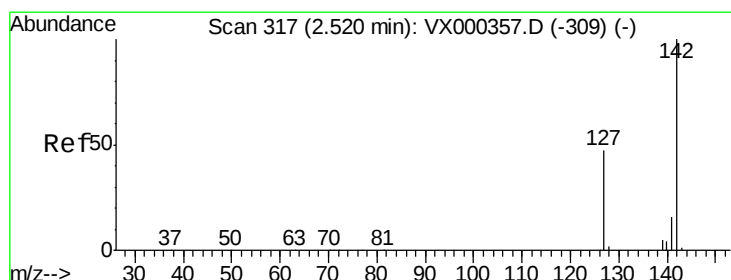
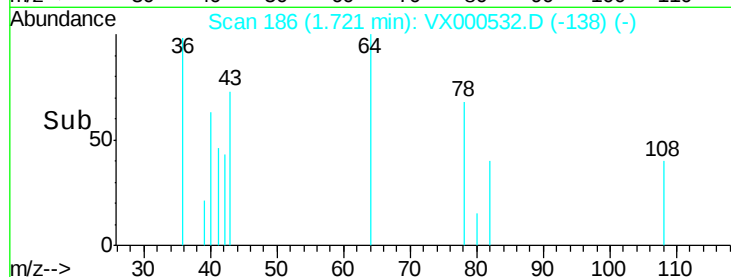
1.72

100

50

0

Time-->



#10

Methyl Iodide

Concen: 4.32 ug/l

RT: 2.51 min Scan# 316

Delta R.T. -0.01 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

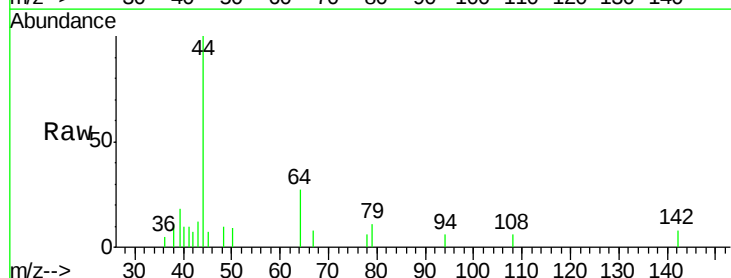
Tgt Ion: 142 Resp: 69

Ion Ratio Lower Upper

142 100

127 55.1 39.2 58.8

141 0.0 11.7 17.5#



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

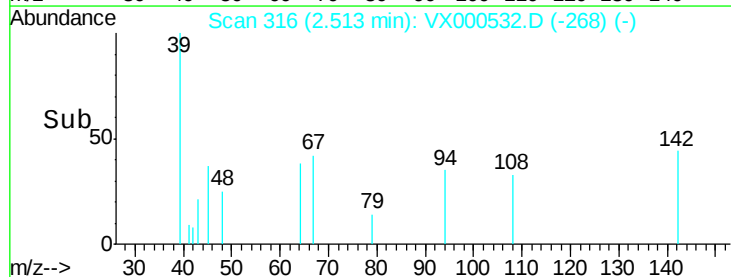
2.51

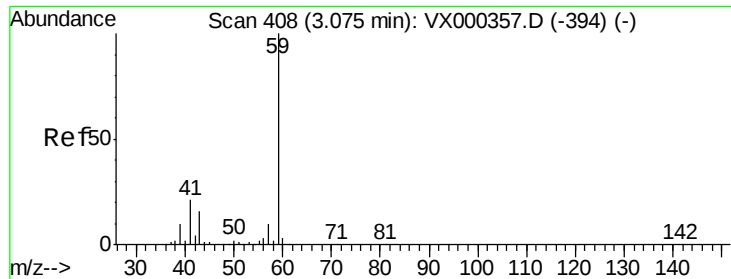
100

50

0

Time-->



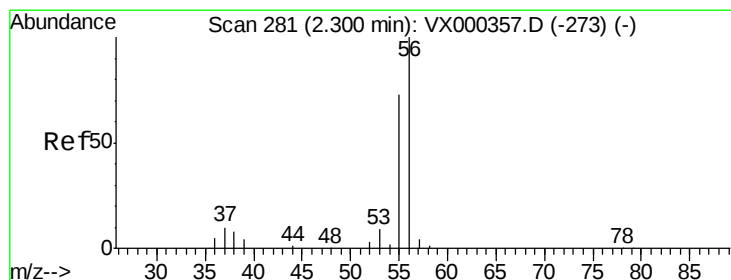
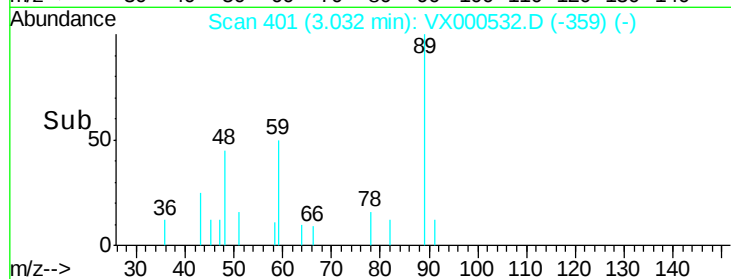
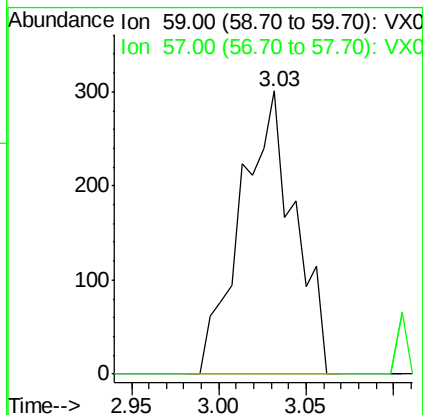
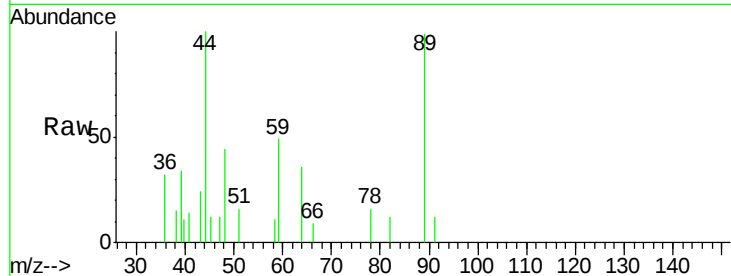


#11

Tert butyl alcohol
 Concen: 1.34 ug/l
 RT: 3.03 min Scan# 401
 Delta R.T. -0.04 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL02

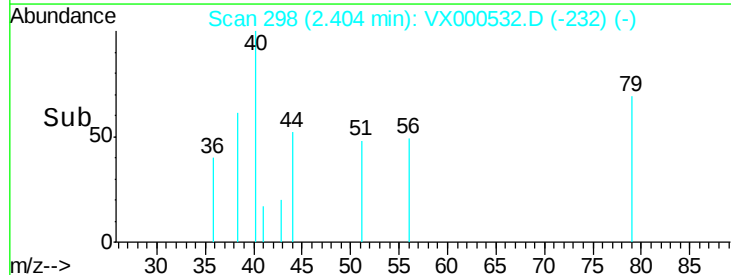
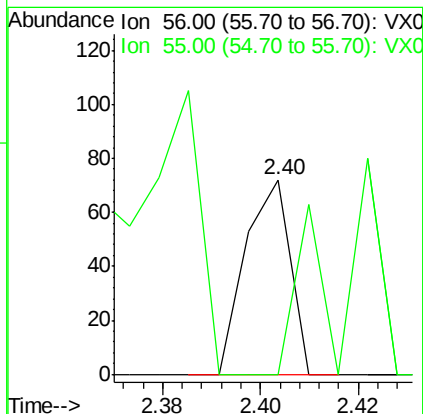
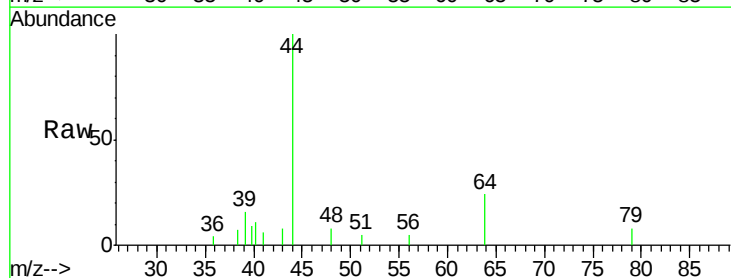
Tgt Ion: 59 Resp: 647
 Ion Ratio Lower Upper
 59 100
 57 0.0 8.4 12.6#

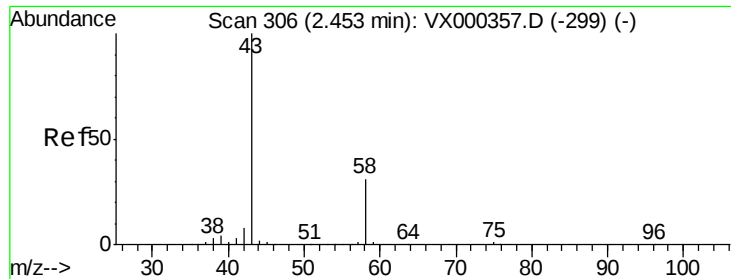


#13

Acrolein
 Concen: 14.86 ug/l
 RT: 2.40 min Scan# 298
 Delta R.T. 0.10 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

Tgt Ion: 56 Resp: 46
 Ion Ratio Lower Upper
 56 100
 55 50.0 58.8 88.2#





#16

Acetone

Concen: 0.37 ug/l

RT: 2.45 min Scan# 306

Delta R.T. -0.00 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

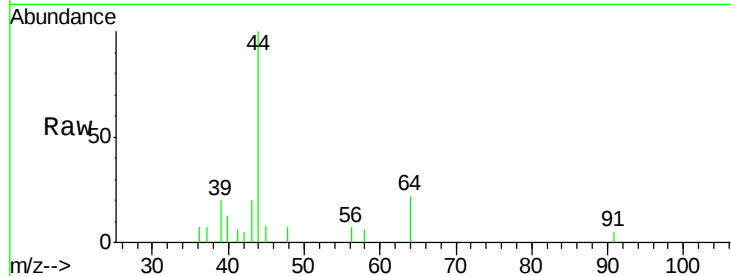
VX0329WBL02

Tgt Ion: 43 Resp: 430

Ion Ratio Lower Upper

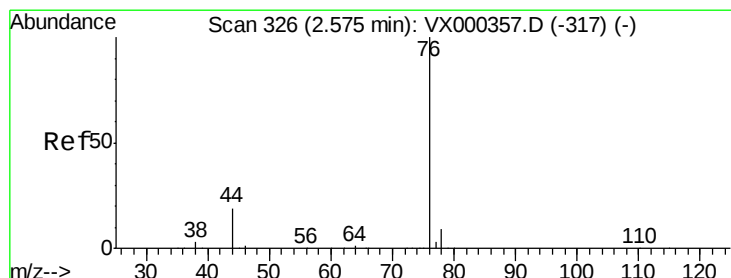
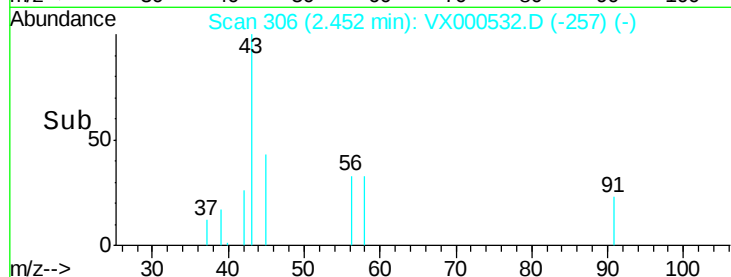
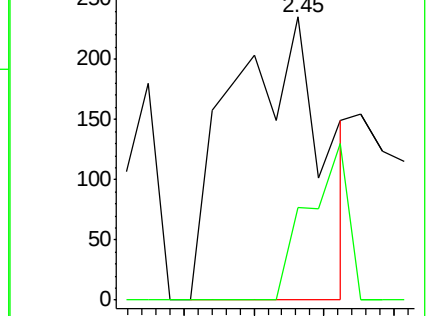
43 100

58 32.8 24.7 37.1



Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 58.00 (57.70 to 58.70): VX0



#17

Carbon Disulfide

Concen: 0.29 ug/l

RT: 2.57 min Scan# 325

Delta R.T. -0.01 min

Lab File: VX000532.D

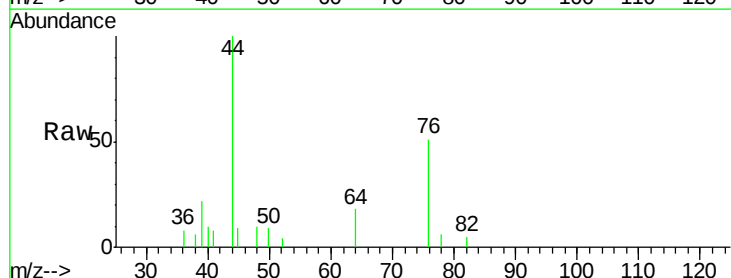
Acq: 30 Mar 2018 00:29

Tgt Ion: 76 Resp: 851

Ion Ratio Lower Upper

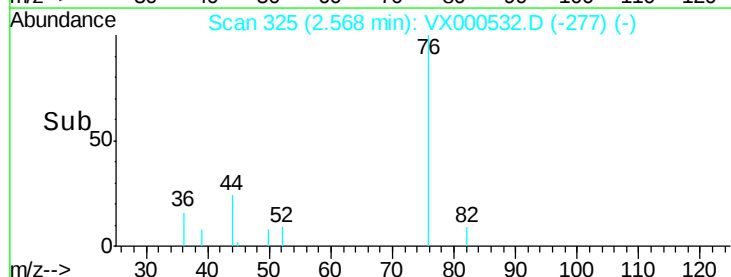
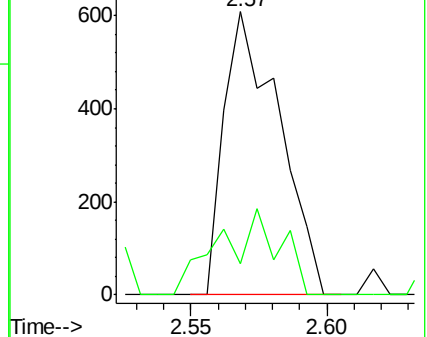
76 100

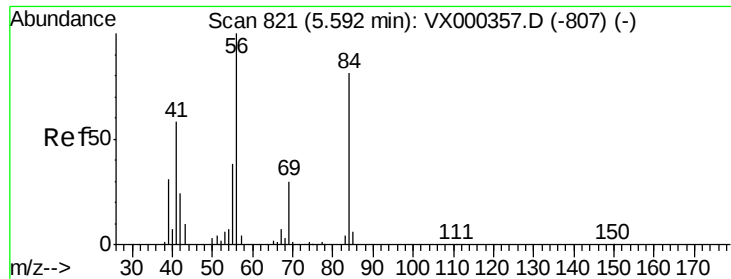
78 11.0 7.0 10.6#



Abundance Ion 75.90 (75.60 to 76.60): VX0

Ion 77.90 (77.60 to 78.60): VX0

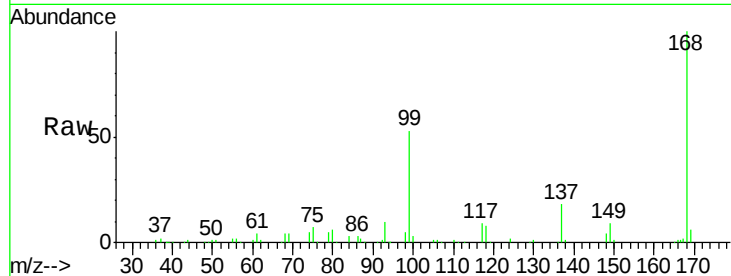




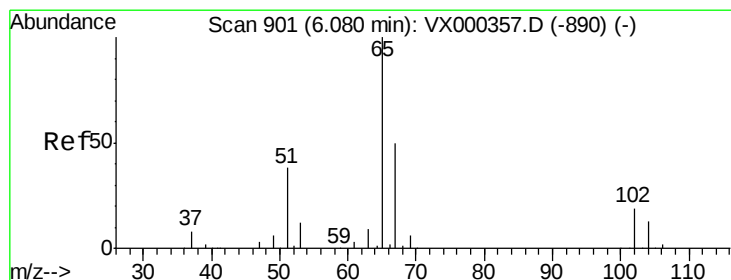
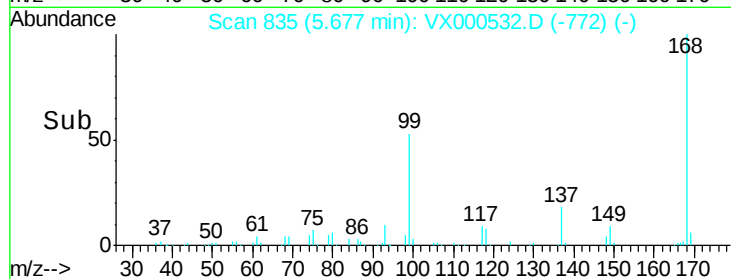
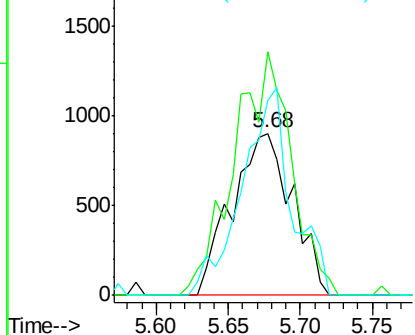
#31
Cyclohexane
Concen: 1.50 ug/l
RT: 5.68 min Scan# 835
Delta R.T. 0.08 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL02

Tgt Ion: 56 Resp: 2645
Ion Ratio Lower Upper
56 100
69 150.3 23.4 35.0#
84 120.1 71.0 106.4#

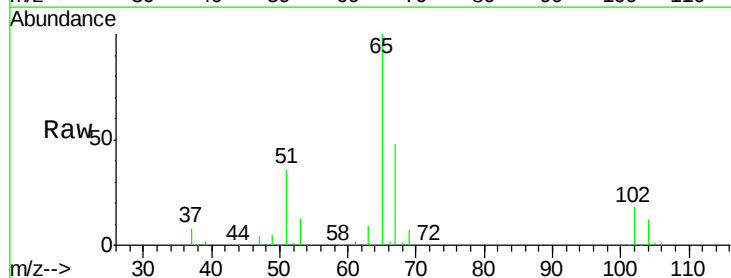


Abundance Ion 56.00 (55.70 to 56.70): VX0
Ion 69.00 (68.70 to 69.70): VX0
Ion 84.00 (83.70 to 84.70): VX0

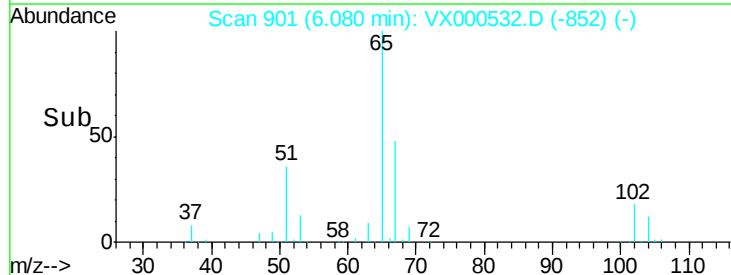
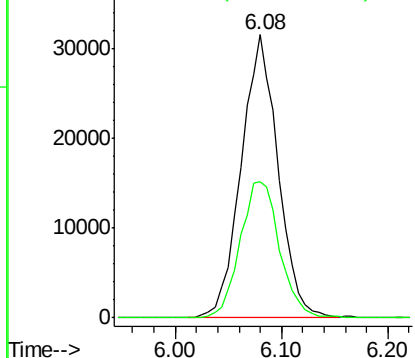


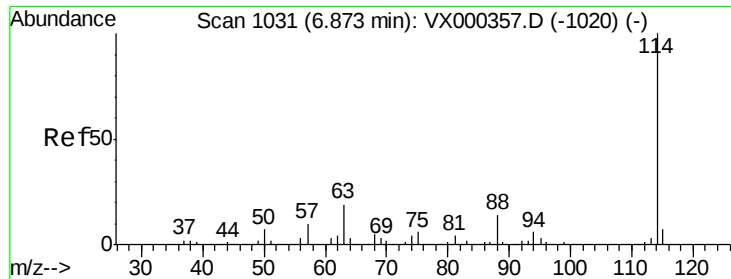
#33
1,2-Dichloroethane-d4
Concen: 54.72 ug/l
RT: 6.08 min Scan# 901
Delta R.T. -0.00 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

Tgt Ion: 65 Resp: 76545
Ion Ratio Lower Upper
65 100
67 51.8 0.0 103.2



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

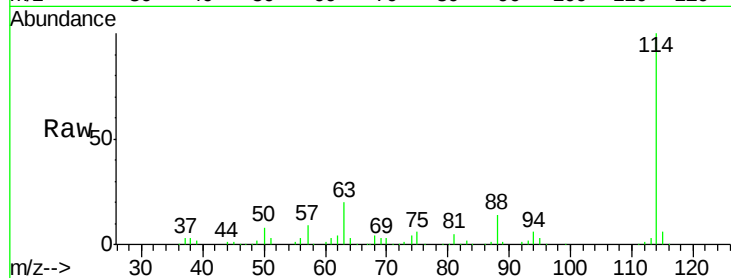




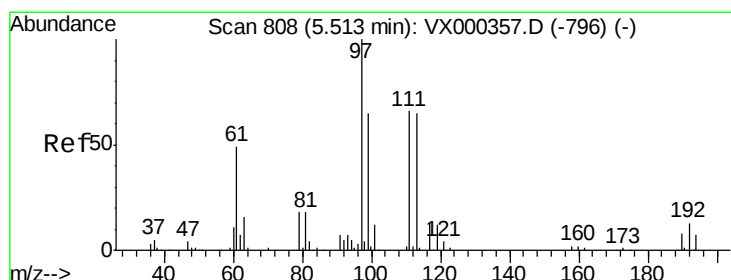
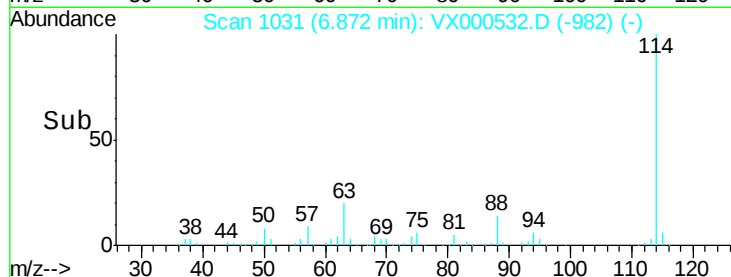
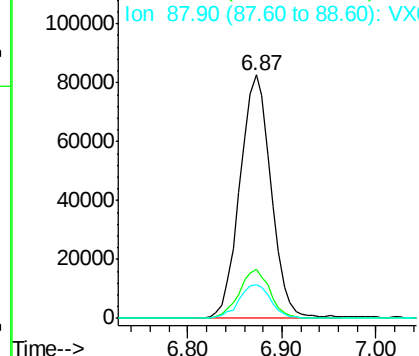
#34
 1,4-Difluorobenzene
 Concen: 50.00 ug/l
 RT: 6.87 min Scan# 1031
 Delta R.T. -0.00 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

Instrument :
 MSVOA_X
 ClientSampleId :
 VX0329WBL02

Tgt Ion:114 Resp: 191761
 Ion Ratio Lower Upper
 114 100
 63 20.0 0.0 38.4
 88 13.6 0.0 27.0

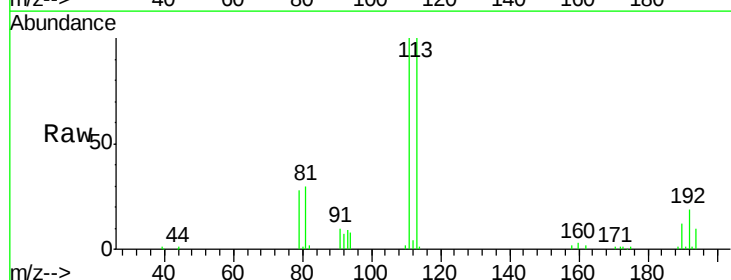


Abundance Ion 113.90 (113.60 to 114.60): V
 Ion 63.00 (62.70 to 63.70): VX
 Ion 87.90 (87.60 to 88.60): VX

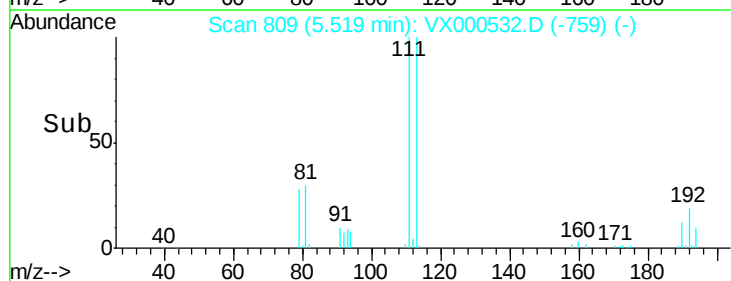
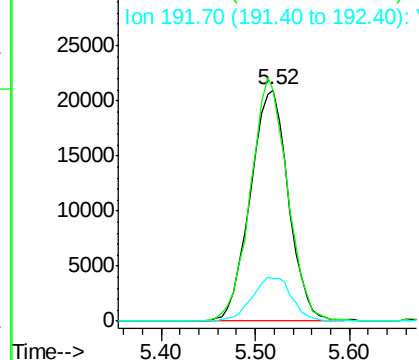


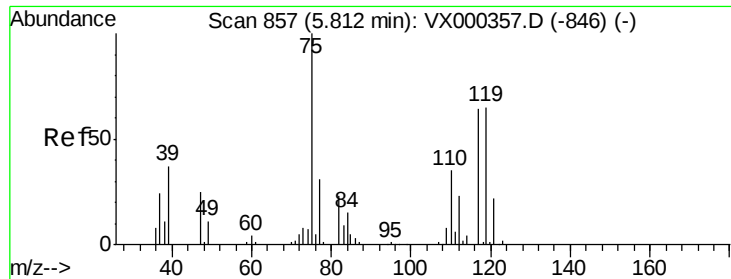
#35
 Dibromofluoromethane
 Concen: 49.15 ug/l
 RT: 5.52 min Scan# 809
 Delta R.T. 0.01 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

Tgt Ion:113 Resp: 59382
 Ion Ratio Lower Upper
 113 100
 111 102.0 82.4 123.6
 192 19.7 15.8 23.6



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

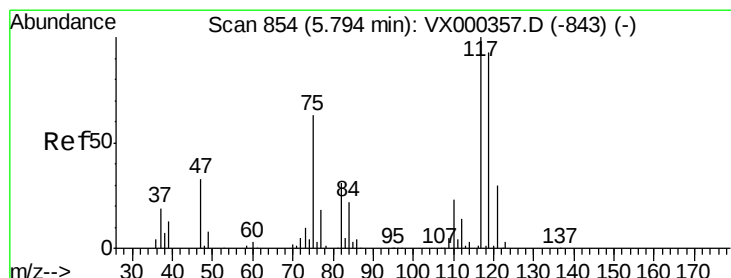
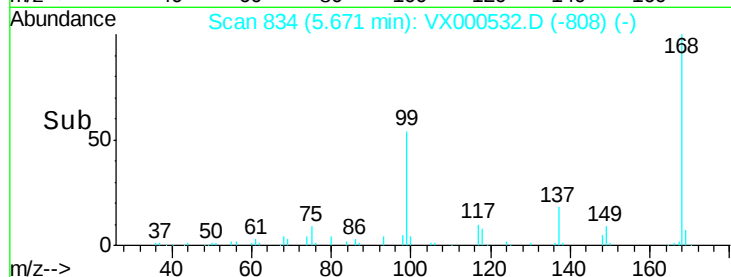
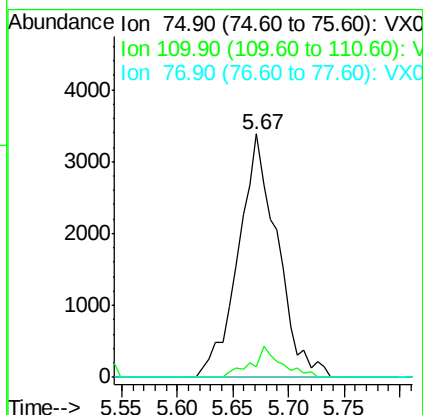
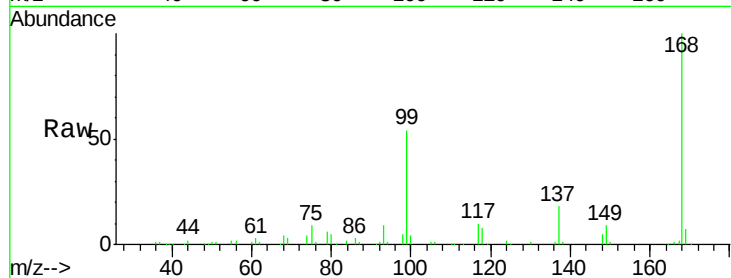




#36
 1,1-Dichloropropene
 Concen: 4.59 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.14 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

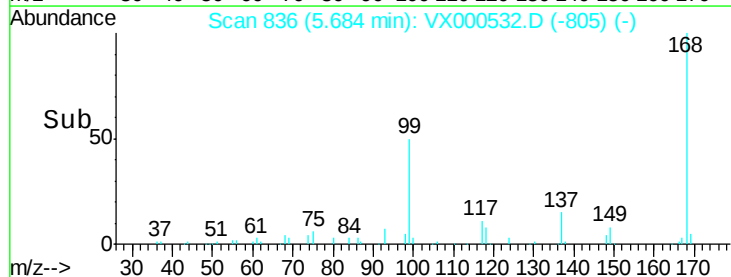
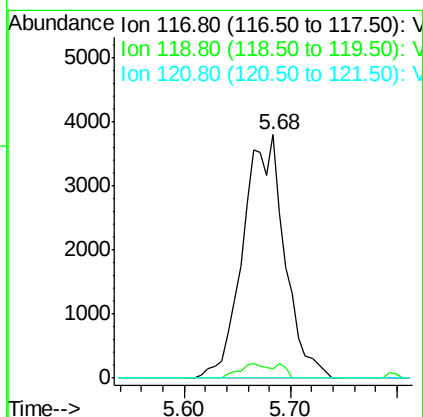
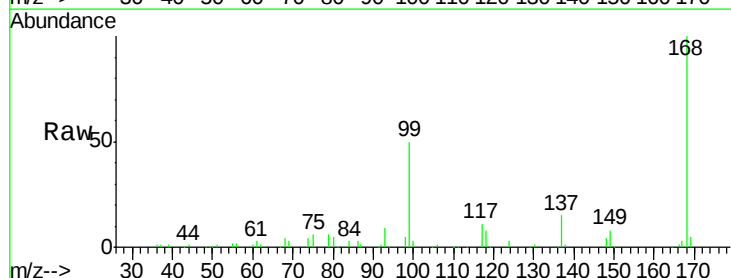
Instrument :
 MSVOA_X
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 VX0329WBL02

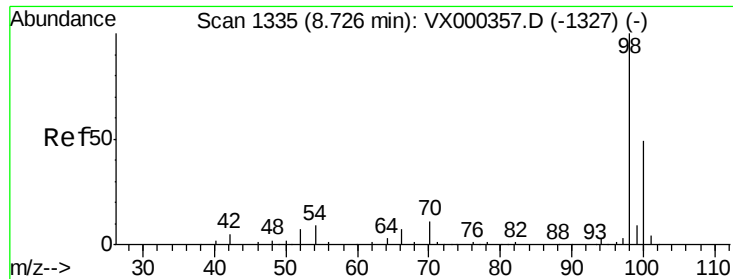
Tgt Ion: 75 Resp: 8239
 Ion Ratio Lower Upper
 75 100
 110 9.8 17.9 53.7#
 77 0.0 24.0 36.0#



#38
 Carbon Tetrachloride
 Concen: 5.50 ug/l
 RT: 5.68 min Scan# 836
 Delta R.T. -0.11 min
 Lab File: VX000532.D
 Acq: 30 Mar 2018 00:29

Tgt Ion: 117 Resp: 10357
 Ion Ratio Lower Upper
 117 100
 119 3.7 77.4 116.2#
 121 0.0 24.8 37.2#

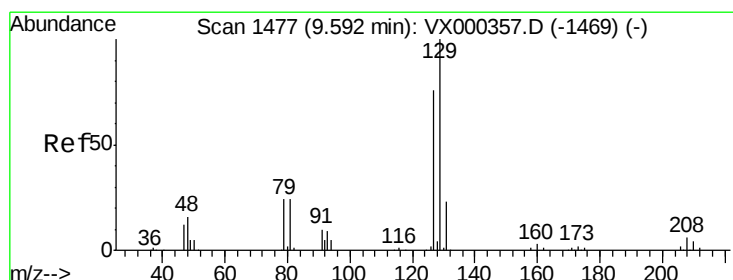
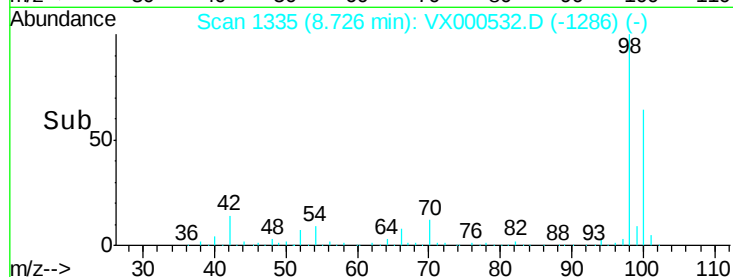
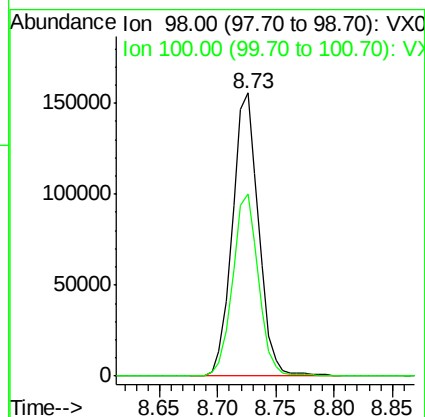
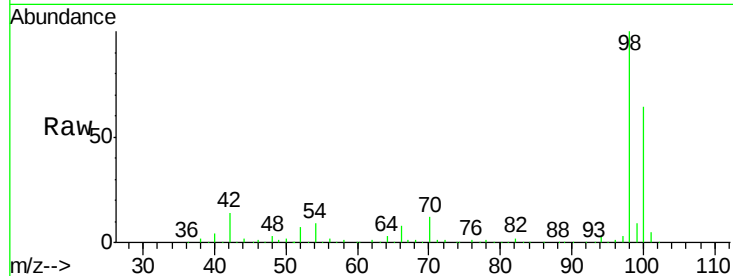




#50
Toluene-d8
Concen: 48.93 ug/l
RT: 8.73 min Scan# 1335
Delta R.T. -0.00 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

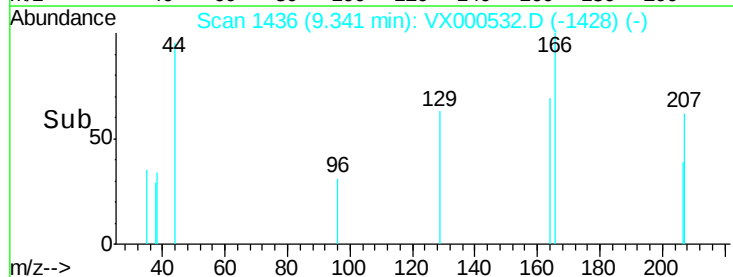
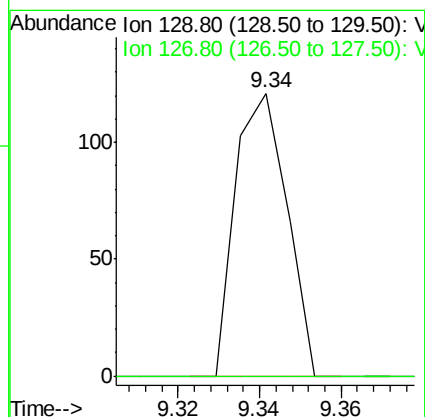
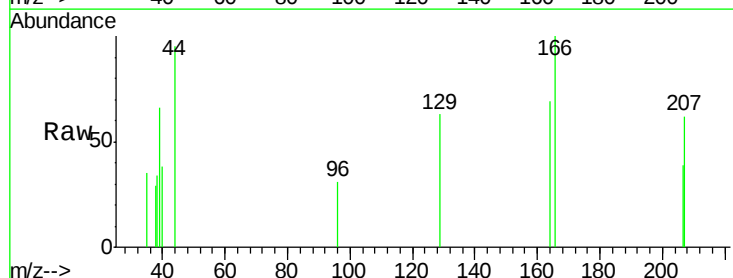
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL02

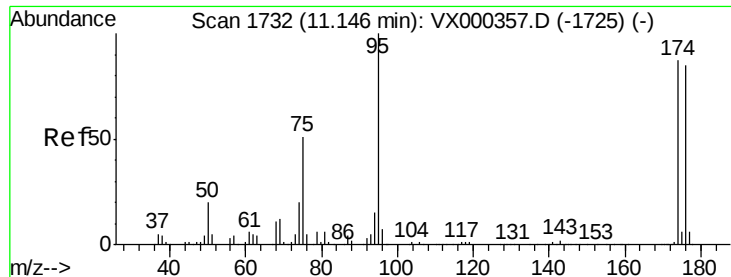
Tgt Ion: 98 Resp: 244868
Ion Ratio Lower Upper
98 100
100 63.2 51.2 76.8



#60
Dibromochloromethane
Concen: 4.17 ug/l
RT: 9.34 min Scan# 1436
Delta R.T. -0.25 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

Tgt Ion: 129 Resp: 106
Ion Ratio Lower Upper
129 100
127 0.0 37.9 113.6#

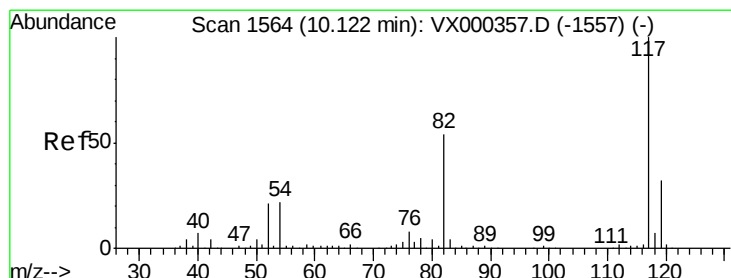
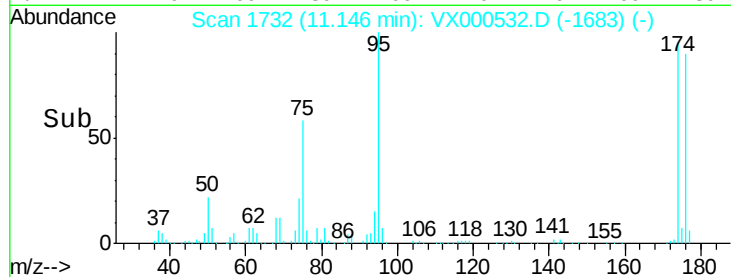
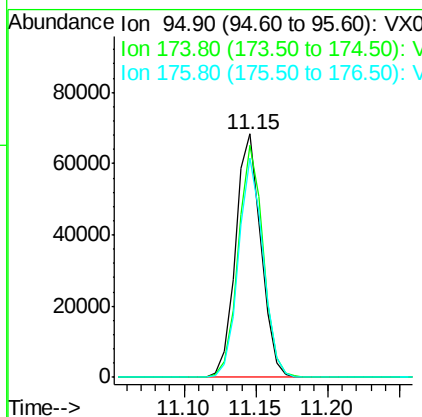
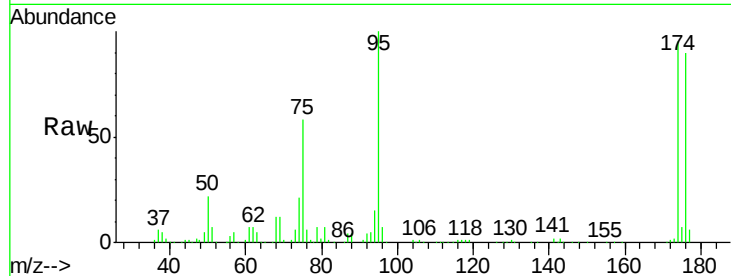




#62
4-Bromofluorobenzene
Concen: 41.08 ug/l
RT: 11.15 min Scan# 1732
Delta R.T. -0.00 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

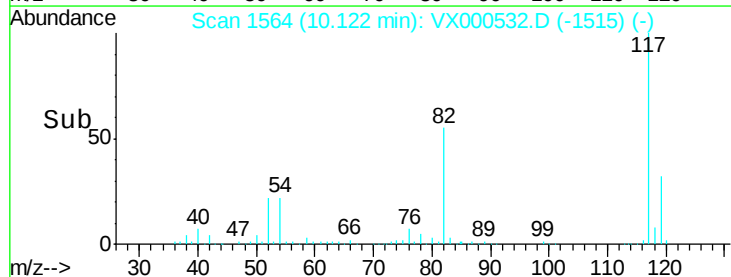
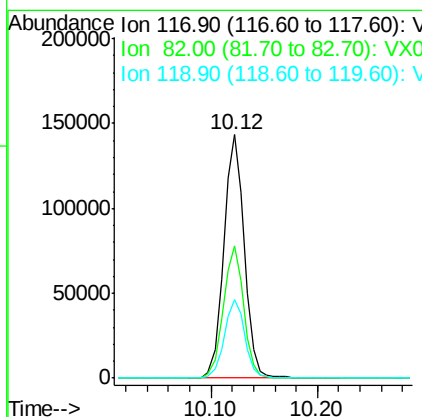
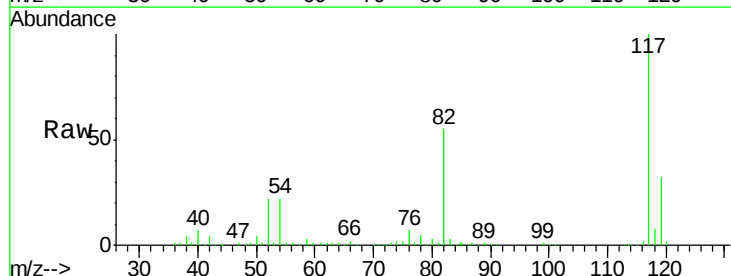
Instrument :
MSVOA_X
ClientSampleId :
VX0329WBL02

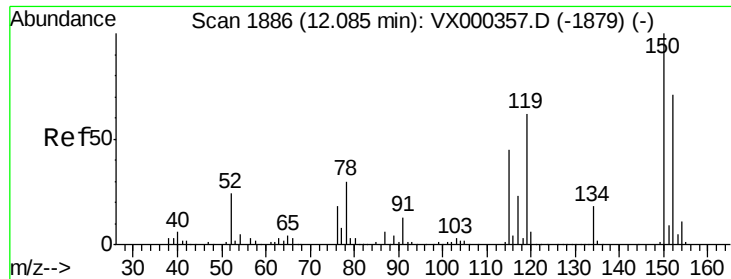
Tgt Ion: 95 Resp: 84203
Ion Ratio Lower Upper
95 100
174 93.1 0.0 173.6
176 87.2 0.0 164.6



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1564
Delta R.T. -0.00 min
Lab File: VX000532.D
Acq: 30 Mar 2018 00:29

Tgt Ion: 117 Resp: 192561
Ion Ratio Lower Upper
117 100
82 54.5 43.8 65.8
119 32.1 24.9 37.3





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.08 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

VX0329WBL02

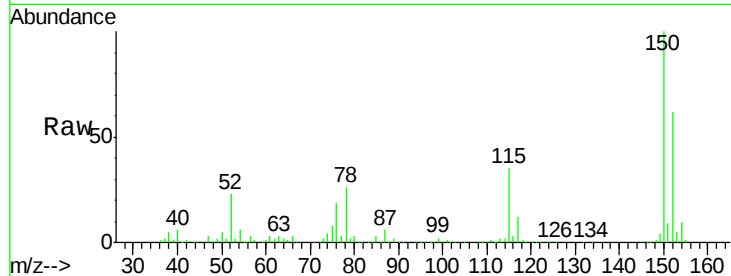
Tgt Ion:152 Resp: 98296

Ion Ratio Lower Upper

152 100

115 56.2 39.8 119.3

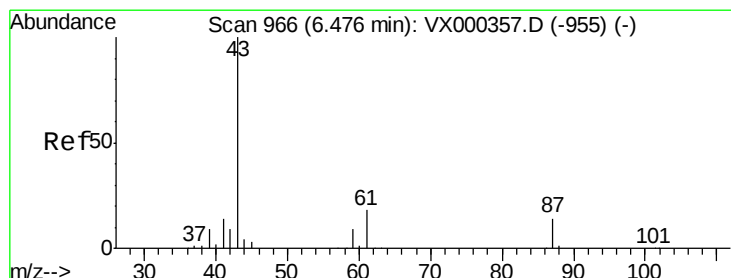
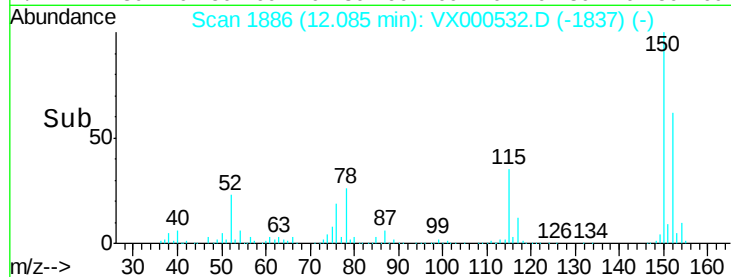
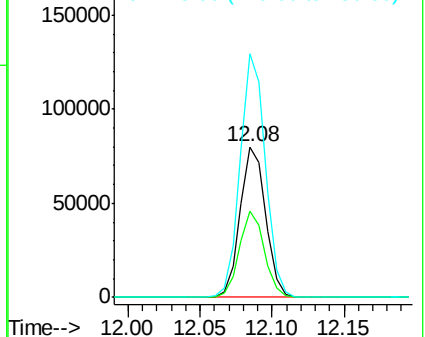
150 159.6 0.0 344.4



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



#74

N-ethyl acetate

Concen: Below Cal

RT: 6.51 min Scan# 972

Delta R.T. 0.04 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Tgt Ion: 43 Resp: 39

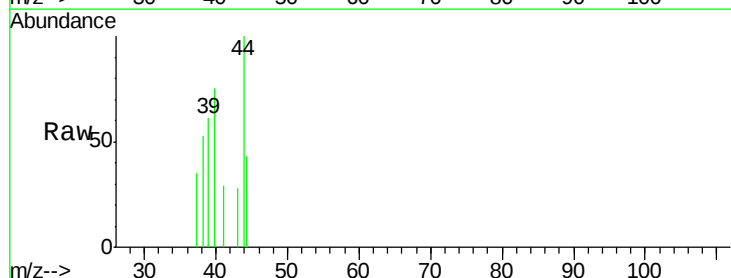
Ion Ratio Lower Upper

43 100

70 0.0 0.0 0.0

55 0.0 0.0 0.0

61 0.0 14.4 21.6#

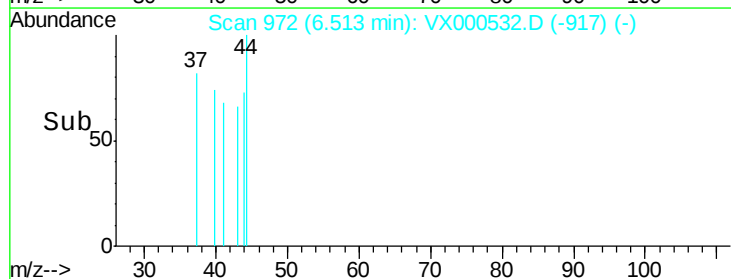
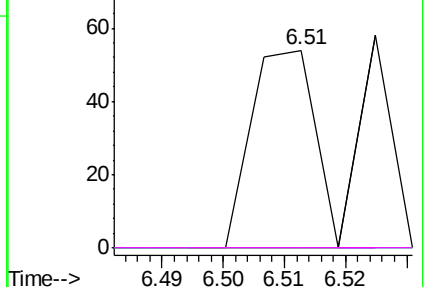


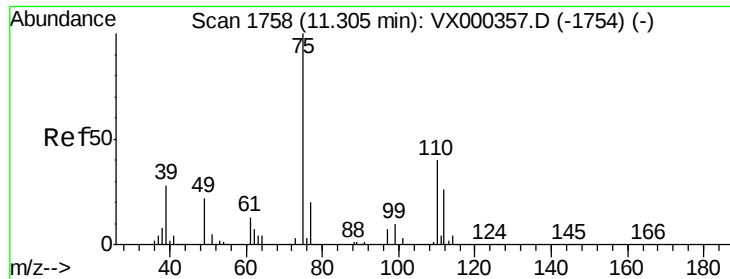
Abundance Ion 43.00 (42.70 to 43.70): VX0

Ion 70.00 (69.70 to 70.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 61.00 (60.70 to 61.70): VX0





#76

1,2,3-Trichloropropane

Concen: 22.82 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. -0.16 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

Instrument :

MSVOA_X

ClientSampleId :

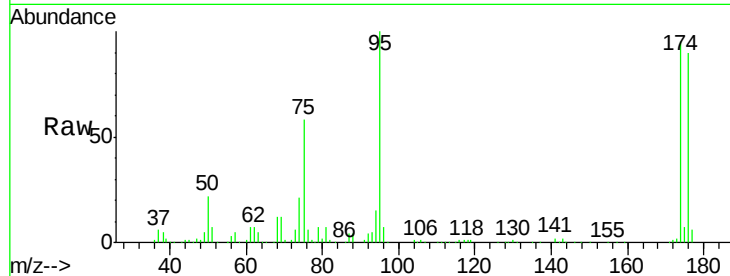
VX0329WBL02

Tgt Ion: 75 Resp: 48212

Ion Ratio Lower Upper

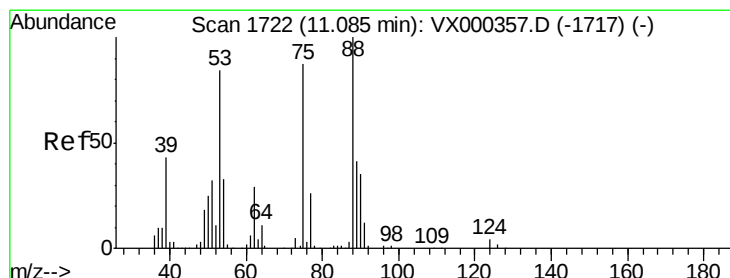
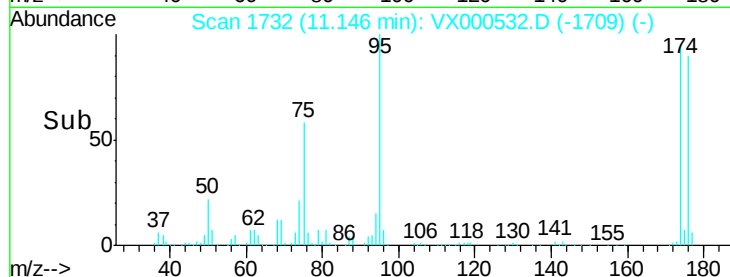
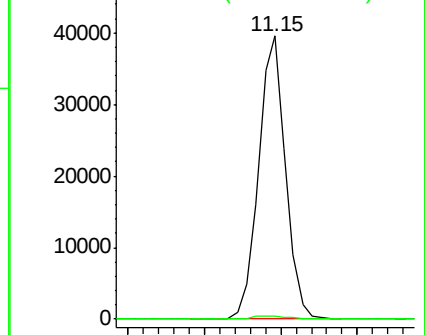
75 100

77 1.4 21.4 64.2#



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: 73.89 ug/l

RT: 11.15 min Scan# 1732

Delta R.T. 0.06 min

Lab File: VX000532.D

Acq: 30 Mar 2018 00:29

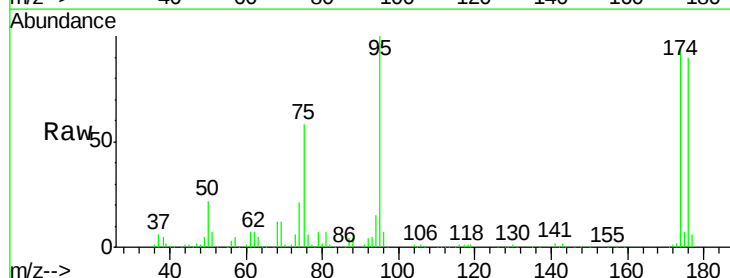
Tgt Ion: 75 Resp: 48212

Ion Ratio Lower Upper

75 100

53 0.0 80.7 121.1#

89 0.0 39.4 59.0#



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

