

Data Path : Z:\VOASRV\HPCHEM1\MSVOA X\DATA\VX060518\
 Data File : VX002300.D
 Acq On : 05 Jun 2018 12:51
 Operator : JC/MD
 Sample : J3234-12
 Misc : 5.0mL/MSVOA X/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1RE

Quant Time: Jun 06 04:29:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_X\METHOD\82X060418W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jun 05 03:22:35 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	5.67	168	257601	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	6.87	114	373942	50.00	ug/l	0.00
63) Chlorobenzene-d5	10.12	117	335519	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	12.09	152	185833	50.00	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	6.07	65	178614	48.38	ug/l	0.00
Spiked Amount	50.000		Recovery	=	96.76%	
35) Dibromofluoromethane	5.51	113	132337	45.00	ug/l	0.00
Spiked Amount	50.000		Recovery	=	90.00%	
50) Toluene-d8	8.72	98	529566	46.98	ug/l	0.00
Spiked Amount	50.000		Recovery	=	93.96%	
62) 4-Bromofluorobenzene	11.14	95	182885	42.08	ug/l	0.00
Spiked Amount	50.000		Recovery	=	84.16%	

Target Compounds

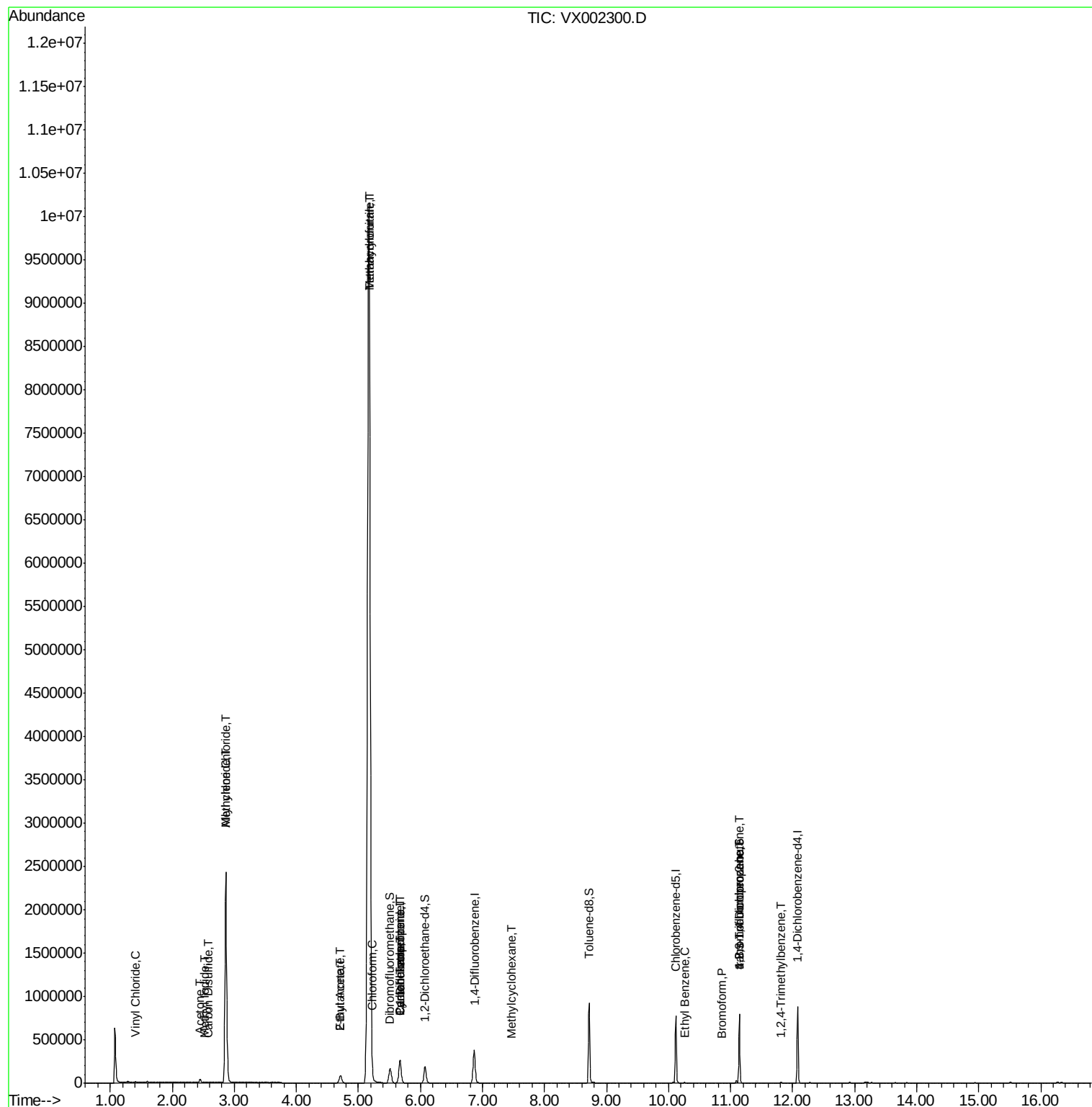
						Qvalue
3) Chloromethane	1.33	50	577	Below Cal		89
4) Vinyl Chloride	1.40	62	5846	1.73 ug/l		99
5) Bromomethane	1.67	94	1765	Below Cal		91
8) Diethyl Ether	2.19	74	87	Below Cal	#	20
10) Methyl Iodide	2.52	142	3311	0.85 ug/l		96
11) Tert butyl alcohol	3.06	59	2268	Below Cal	#	88
13) Acrolein	2.29	56	228	Below Cal	#	55
14) Allyl chloride	2.86	41	42319	7.11 ug/l	#	25
15) Acrylonitrile	3.15	53	1010	Below Cal	#	53
16) Acetone	2.45	43	41827	7.83 ug/l		98
17) Carbon Disulfide	2.58	76	2309	0.32 ug/l		99
18) Methyl Acetate	2.78	43	322	Below Cal	#	89
19) Methyl tert-butyl Ether	3.22	73	45	Below Cal	#	1
20) Methylene Chloride	2.86	84	1089194	392.90 ug/l		98
22) Diisopropyl ether	3.85	45	128	Below Cal	#	78
25) 2-Butanone	4.71	43	162391	64.29 ug/l		100
28) Bromochloromethane	5.04	49	855	Below Cal	#	81
29) Tetrahydrofuran	5.17	42	9390562	5766.53 ug/l		99
30) Chloroform	5.23	83	1184	0.21 ug/l		91
31) Cyclohexane	5.67	56	5243	1.13 ug/l	#	13
36) 1,1-Dichloropropene	5.67	75	18306	4.66 ug/l	#	51
37) Ethyl Acetate	4.71	43	162391	34.35 ug/l	#	70
38) Carbon Tetrachloride	5.67	117	23290	5.66 ug/l	#	16
39) Methylcyclohexane	7.47	83	234	0.31 ug/l	#	65
41) Methacrylonitrile	5.17	41	5460521	2017.64 ug/l	#	50
67) Ethyl Benzene	10.26	91	4194	0.30 ug/l		97
71) Bromoform	10.86	173	75	3.48 ug/l	#	28
76) 1,2,3-Trichloropropane	11.14	75	98233	24.09 ug/l	#	32
81) trans-1,4-Dichloro-2-buten	11.14	75	98233	84.45 ug/l	#	6
84) 1,2,4-Trimethylbenzene	11.81	105	2982	0.26 ug/l	#	44

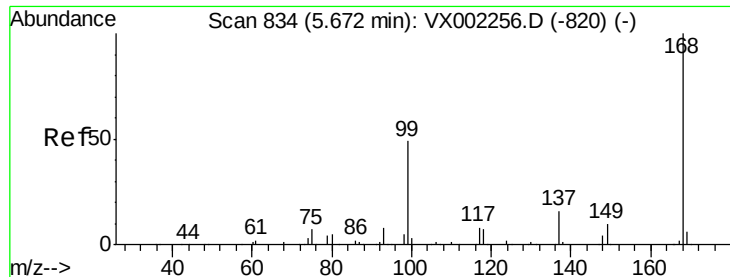
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Jun 05 03:22:35 2018
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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: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

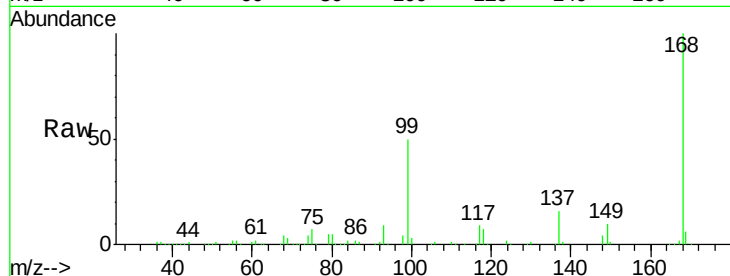
LF6-FB-2018-1RE

Tot Ion:168 Resp: 257601

Ion Ratio Lower Upper

168 100

99 49.9 39.3 58.9



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VX0

5.67

100000

80000

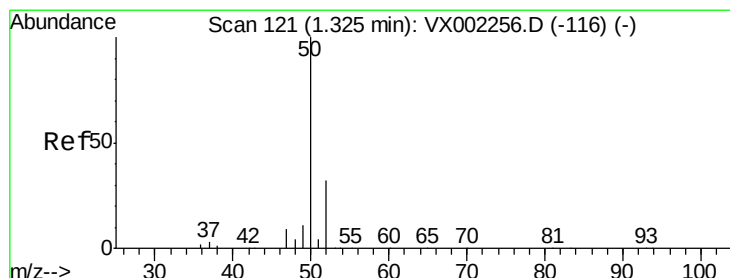
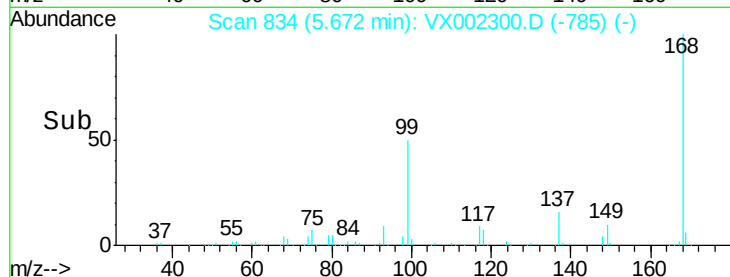
60000

40000

20000

0

Time--> 5.50 5.60 5.70 5.80



#3

Chloromethane

Concen: Below Cal

RT: 1.33 min Scan# 122

Delta R.T. 0.01 min

Lab File: VX002300.D

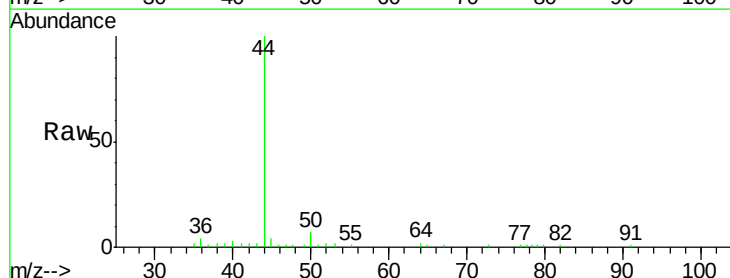
Acq: 05 Jun 2018 12:51

Tgt Ion: 50 Resp: 577

Ion Ratio Lower Upper

50 100

52 26.0 25.7 38.5



Abundance Ion 49.90 (49.60 to 50.60): VX0

Ion 51.90 (51.60 to 52.60): VX0

1.33

500

400

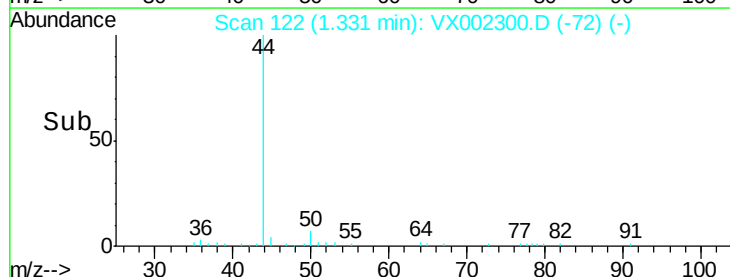
300

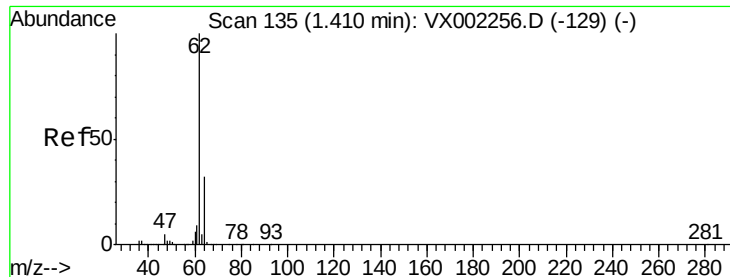
200

100

0

Time--> 1.28 1.30 1.32 1.34 1.36





#4

Vinyl Chloride

Concen: 1.73 ug/l

RT: 1.40 min Scan# 134

Delta R.T. -0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

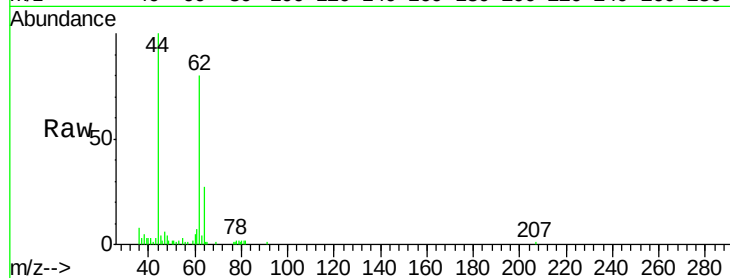
LF6-FB-2018-1RE

Tot Ion: 62 Resp: 5846

Ion Ratio Lower Upper

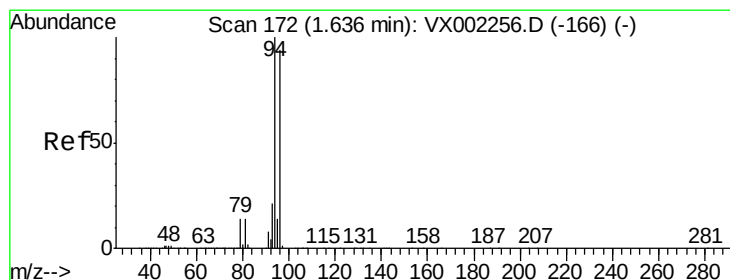
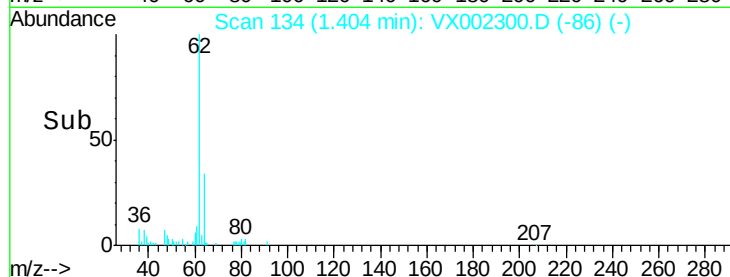
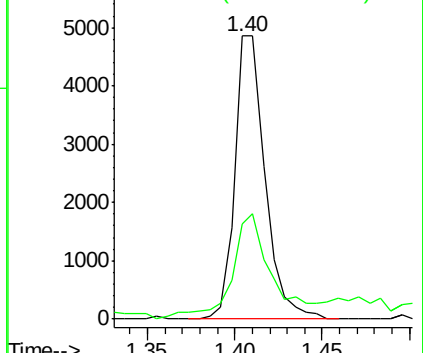
62 100

64 31.4 25.4 38.2



Abundance Ion 61.90 (61.60 to 62.60): VX0

Ion 63.90 (63.60 to 64.60): VX0



#5

Bromomethane

Concen: Below Cal

RT: 1.67 min Scan# 177

Delta R.T. 0.03 min

Lab File: VX002300.D

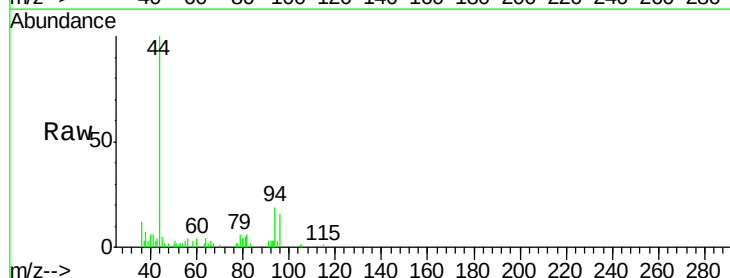
Acq: 05 Jun 2018 12:51

Tgt Ion: 94 Resp: 1765

Ion Ratio Lower Upper

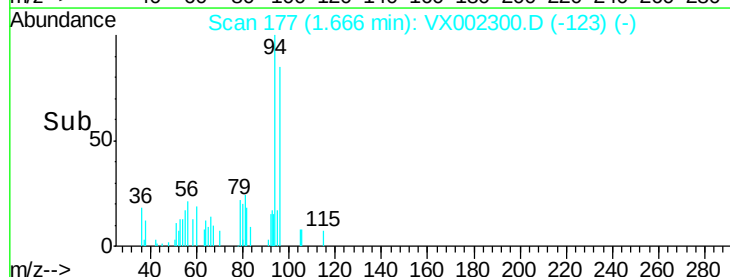
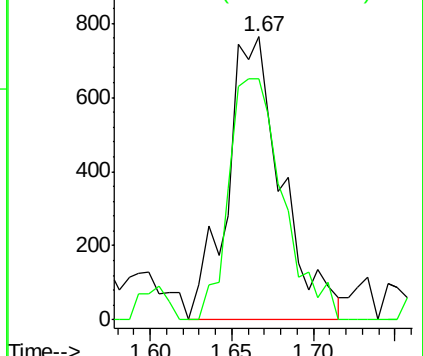
94 100

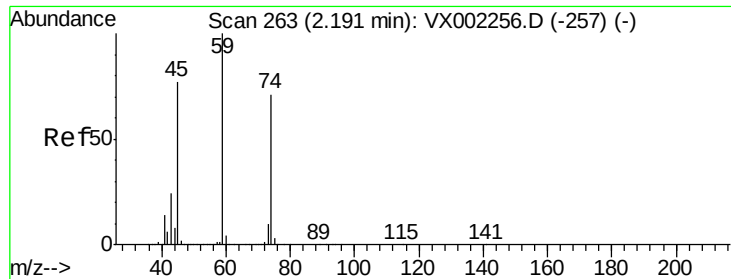
96 85.1 74.9 112.3



Abundance Ion 93.90 (93.60 to 94.60): VX0

Ion 95.90 (95.60 to 96.60): VX0





#8

Diethyl Ether

Concen: Below Cal

RT: 2.19 min Scan# 263

Delta R.T. 0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

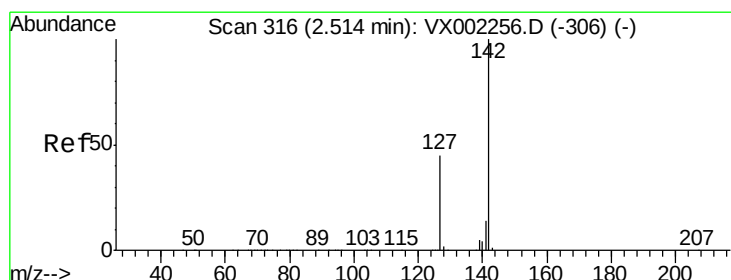
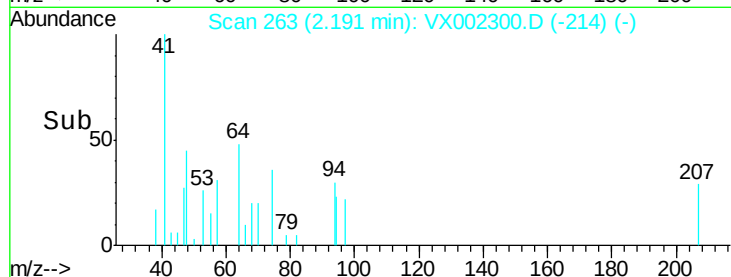
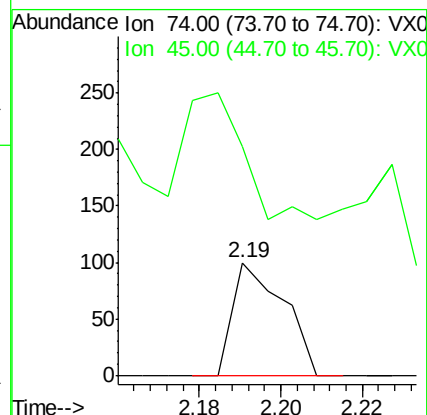
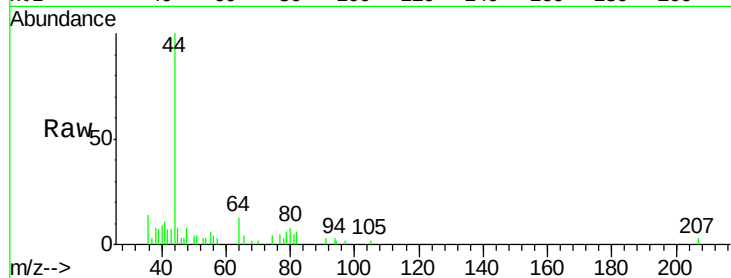
LF6-FB-2018-1RE

Tot Ion: 74 Resp: 87

Ion Ratio Lower Upper

74 100

45 189.7 53.1 159.4#



#10

Methyl Iodide

Concen: 0.85 ug/l

RT: 2.52 min Scan# 317

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

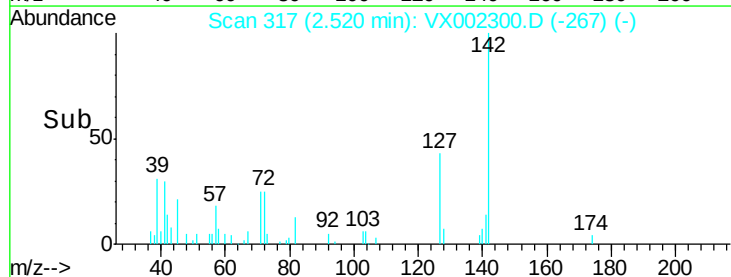
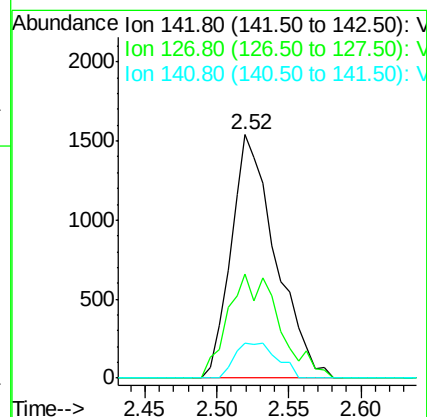
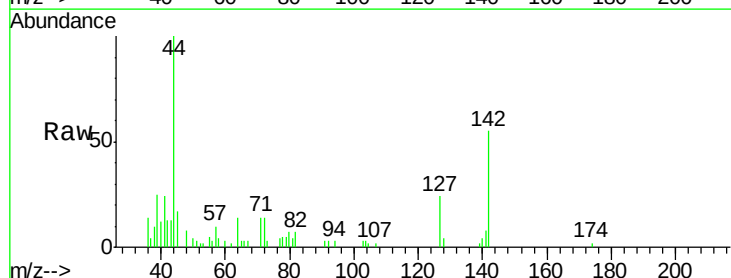
Tgt Ion: 142 Resp: 3311

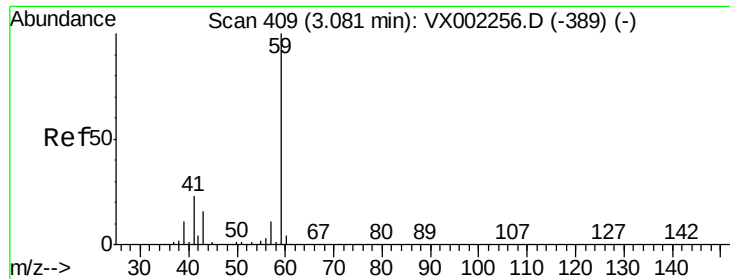
Ion Ratio Lower Upper

142 100

127 49.4 36.6 55.0

141 13.7 11.3 16.9

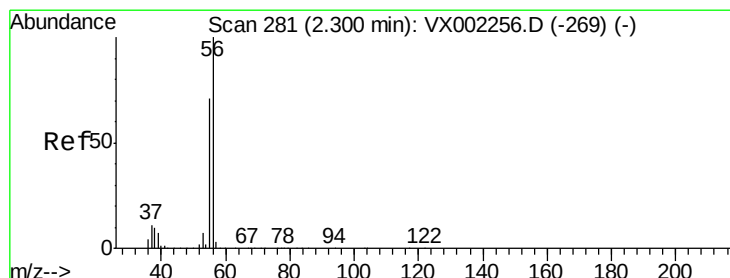
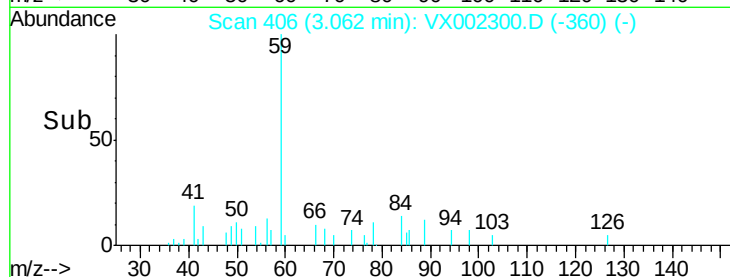
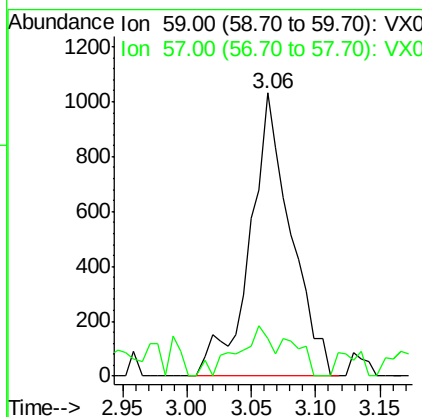
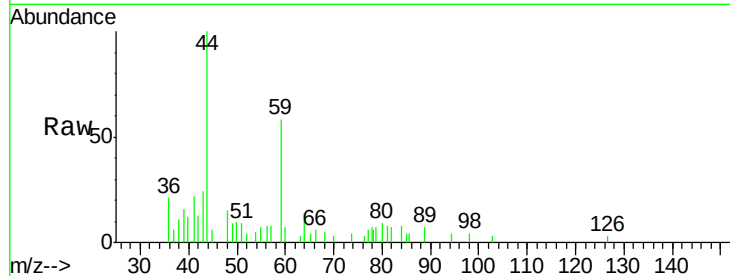




#11
Tert butyl alcohol
Concen: Below Cal
RT: 3.06 min Scan# 406
Delta R.T. -0.02 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

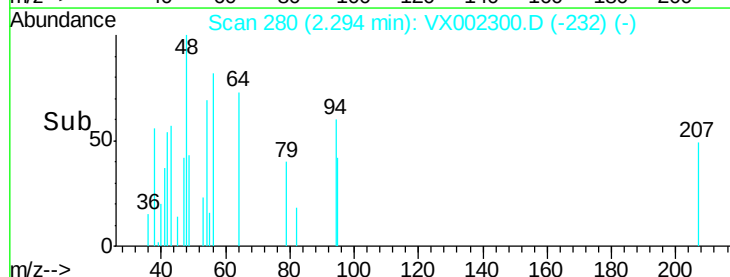
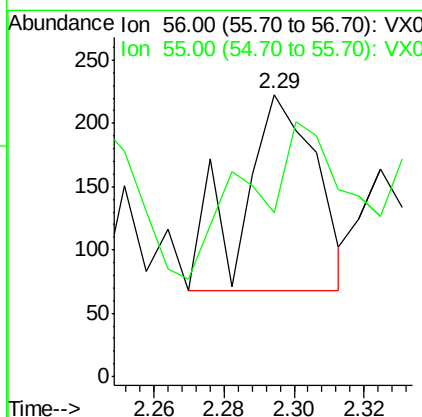
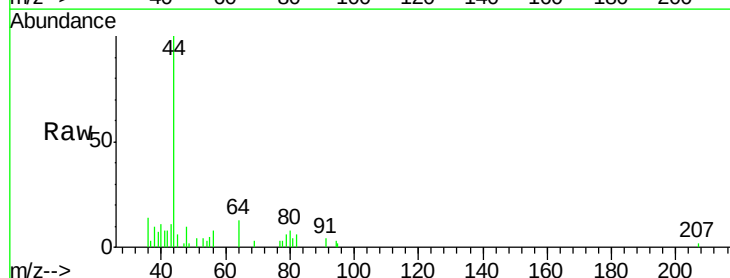
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

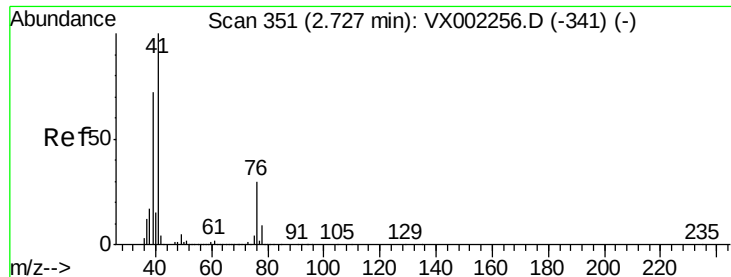
Tot Ion: 59 Resp: 2268
Ion Ratio Lower Upper
59 100
57 14.6 8.2 12.2#



#13
Acrolein
Concen: Below Cal
RT: 2.29 min Scan# 280
Delta R.T. -0.01 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion: 56 Resp: 228
Ion Ratio Lower Upper
56 100
55 108.8 57.0 85.4#

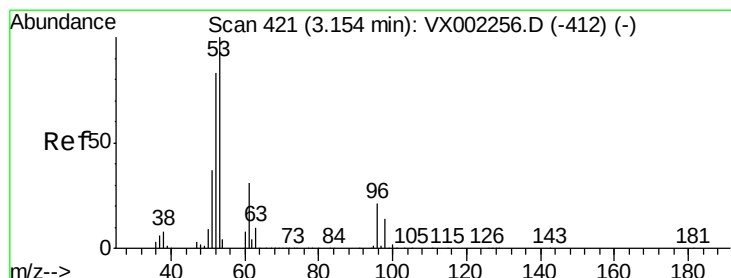
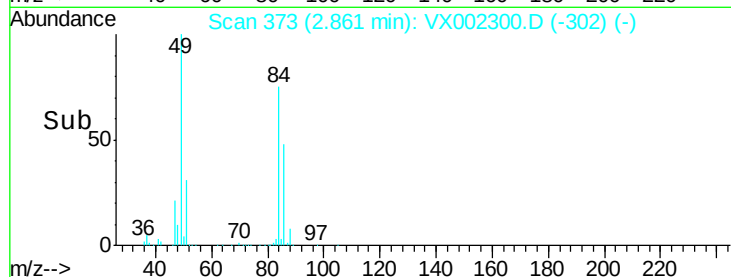
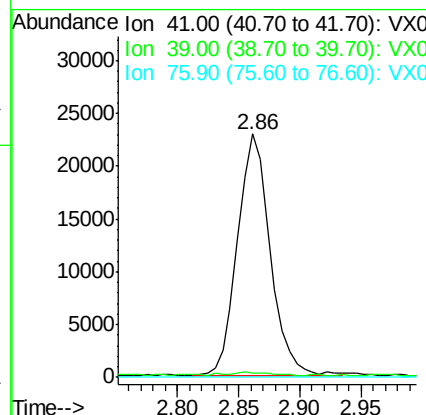
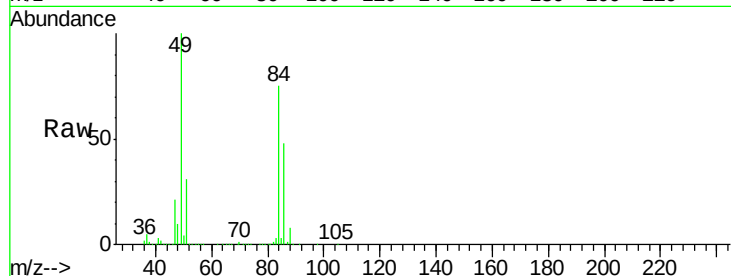




#14
Allvl chloride
Concen: 7.11 ua/l
RT: 2.86 min Scan# 373
Delta R.T. 0.13 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

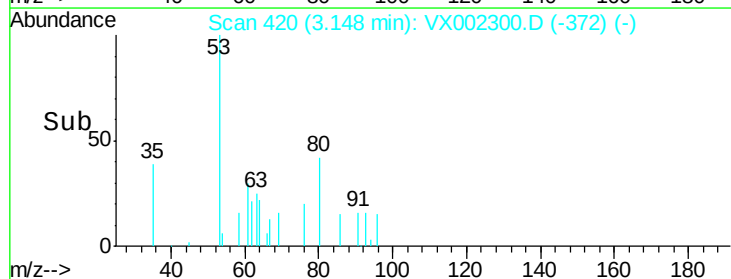
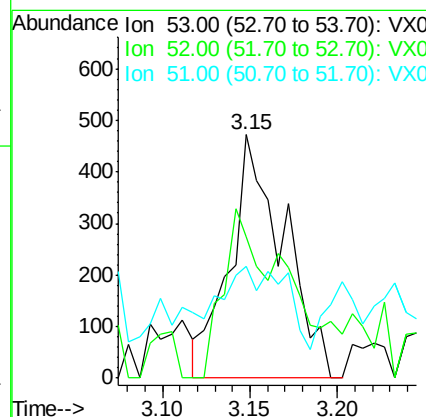
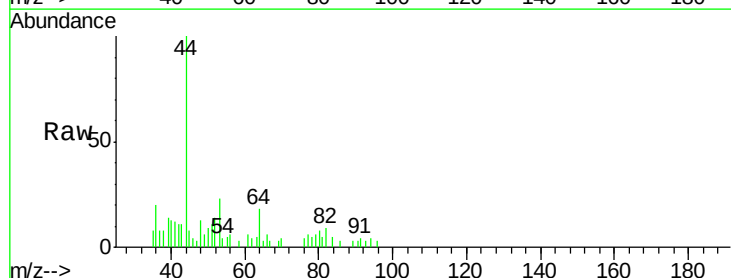
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

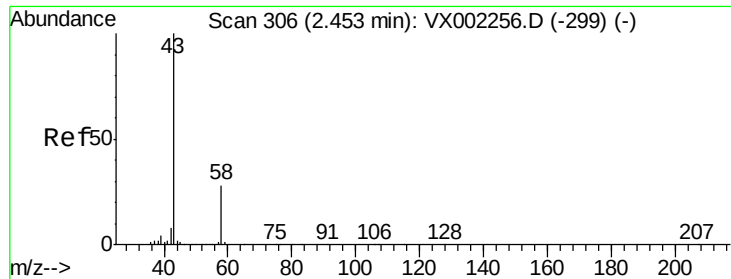
Tot Ion	Ratio	Lower	Upper
41	100		
39	1.8	56.8	85.2#
76	0.0	23.8	35.8#



#15
Acrylonitrile
Concen: Below Cal
RT: 3.15 min Scan# 420
Delta R.T. -0.01 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion	Ratio	Lower	Upper
53	100		
52	47.7	66.7	100.1#
51	0.0	29.9	44.9#





#16

Acetone

Concen: 7.83 ug/l

RT: 2.45 min Scan# 305

Delta R.T. -0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

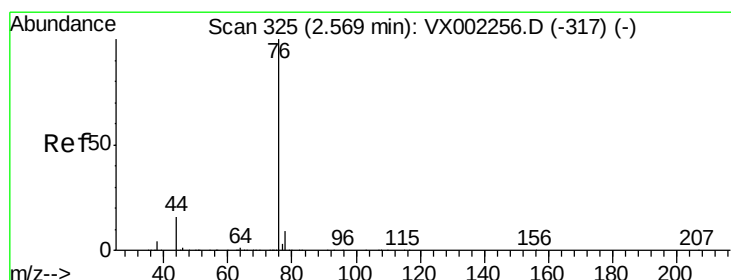
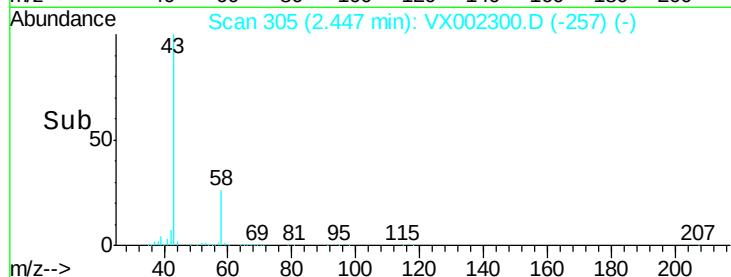
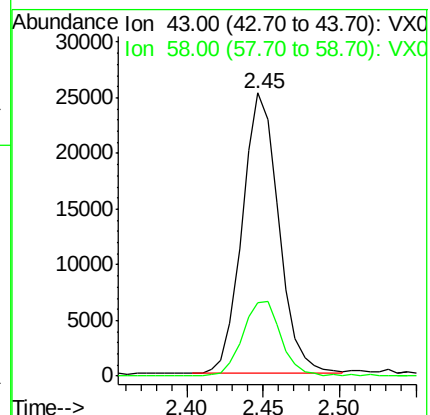
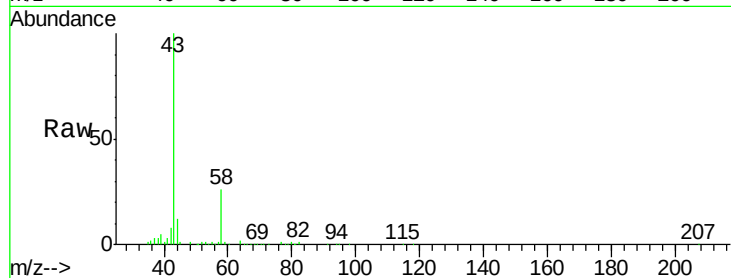
LF6-FB-2018-1RE

Tot Ion: 43 Resp: 41827

Ion Ratio Lower Upper

43 100

58 26.4 22.1 33.1



#17

Carbon Disulfide

Concen: 0.32 ug/l

RT: 2.58 min Scan# 327

Delta R.T. 0.01 min

Lab File: VX002300.D

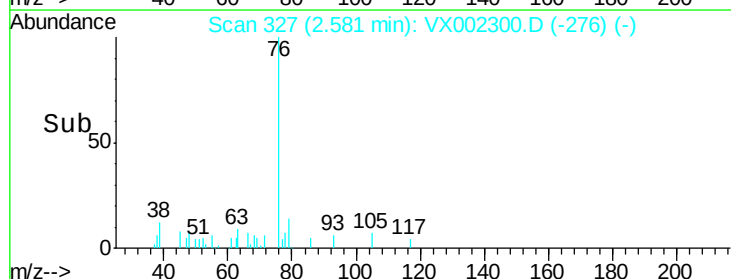
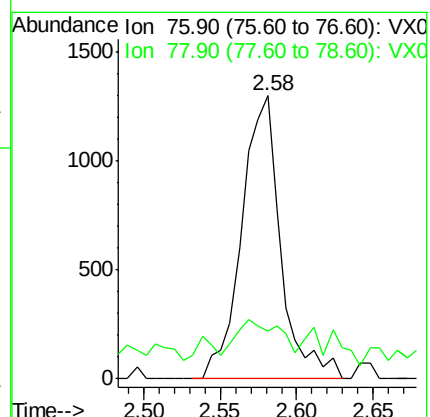
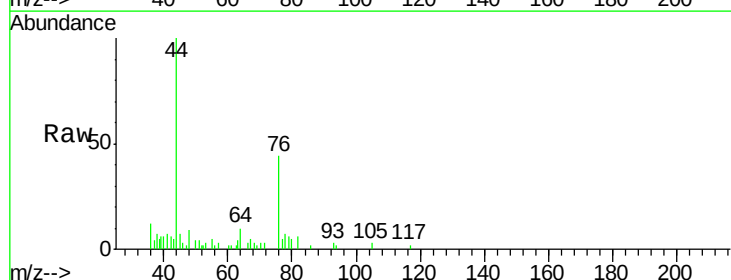
Acq: 05 Jun 2018 12:51

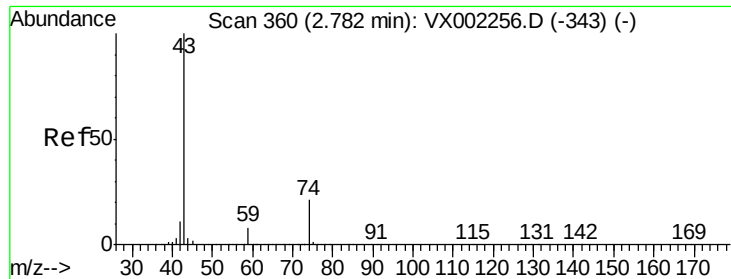
Tgt Ion: 76 Resp: 2309

Ion Ratio Lower Upper

76 100

78 8.9 6.9 10.3

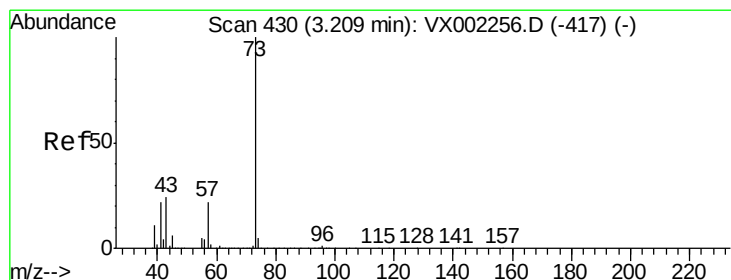
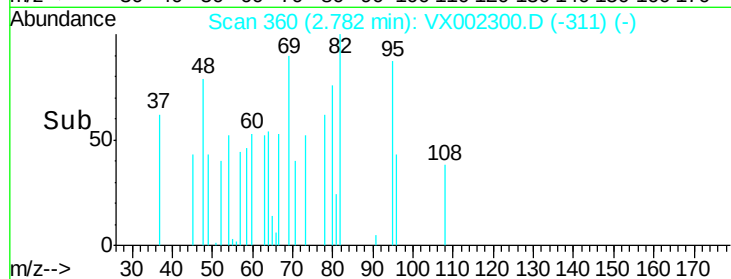
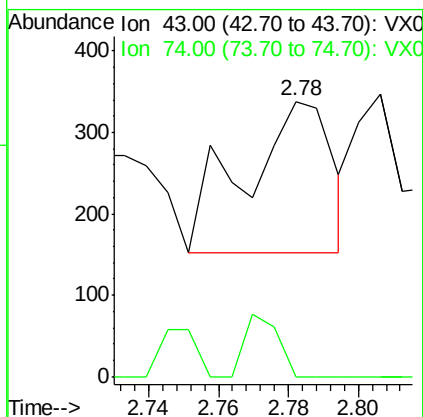
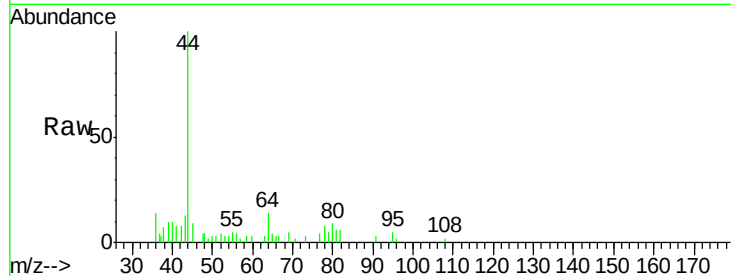




#18
Methyl Acetate
Concen: Below Cal
RT: 2.78 min Scan# 360
Delta R.T. -0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

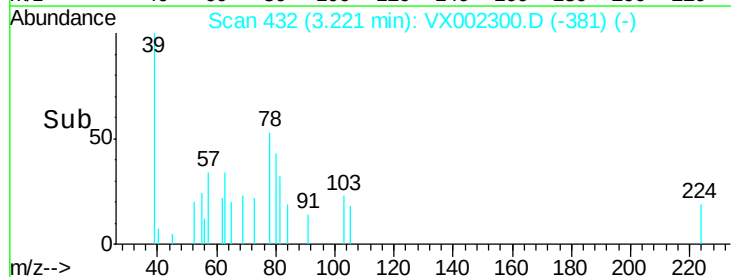
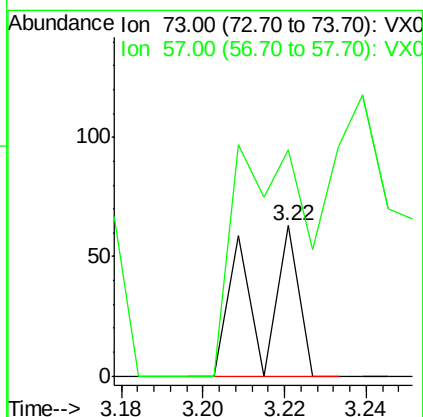
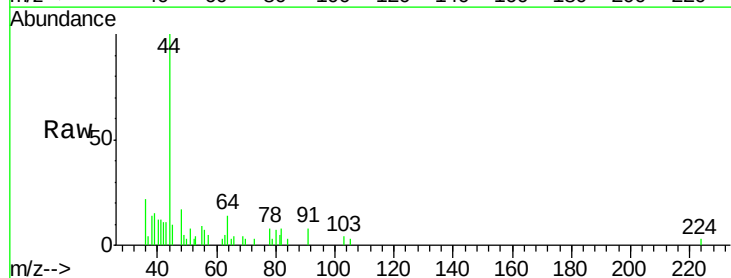
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

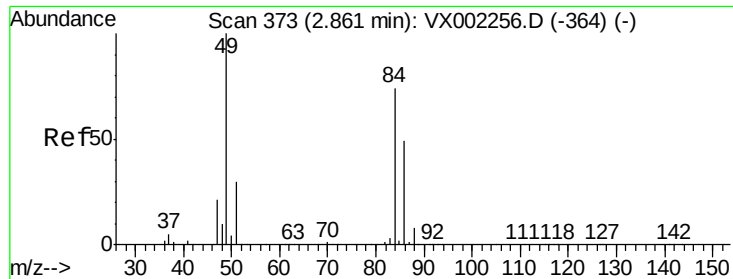
Tot Ion: 43 Resp: 322
Ion Ratio Lower Upper
43 100
74 15.5 16.7 25.1#



#19
Methyl tert-butyl Ether
Concen: Below Cal
RT: 3.22 min Scan# 432
Delta R.T. 0.01 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion: 73 Resp: 45
Ion Ratio Lower Upper
73 100
57 150.8 17.7 26.5#

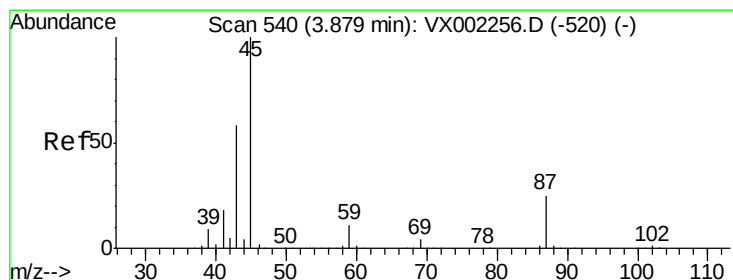
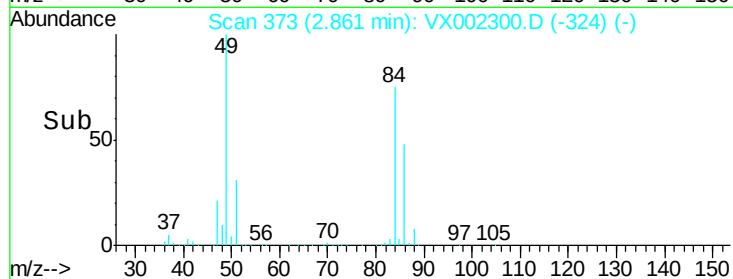
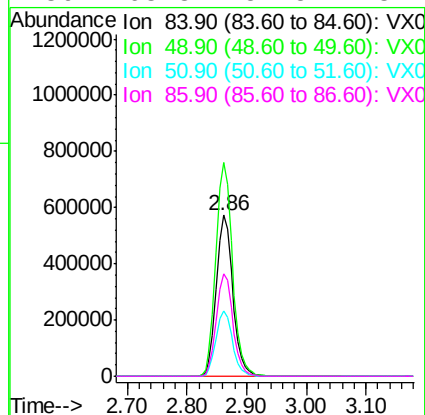
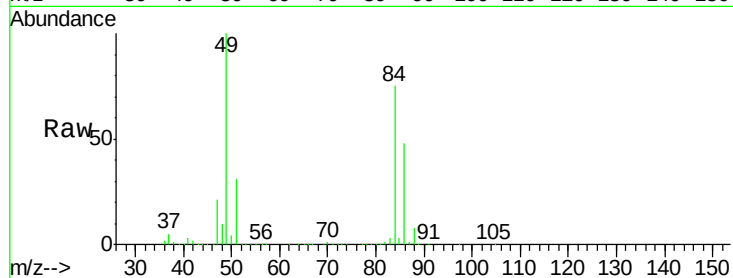




#20
Methylene Chloride
Concen: 392.90 ug/l
RT: 2.86 min Scan# 373
Delta R.T. 0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

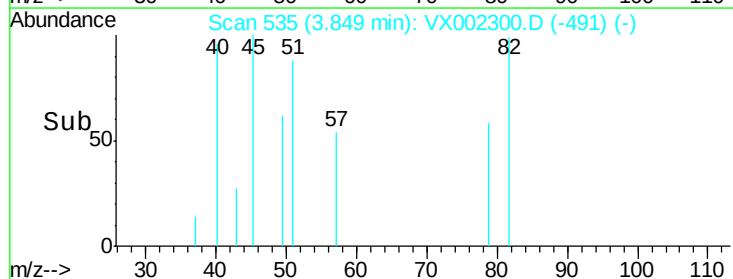
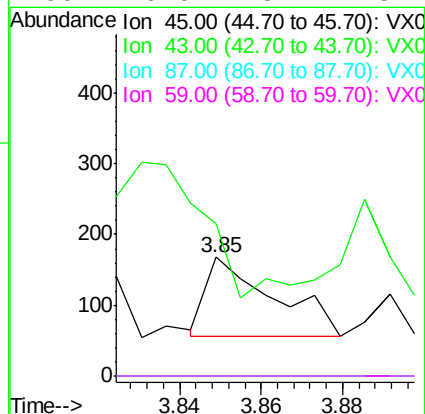
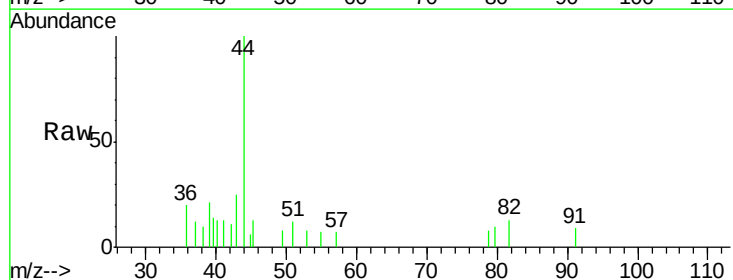
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

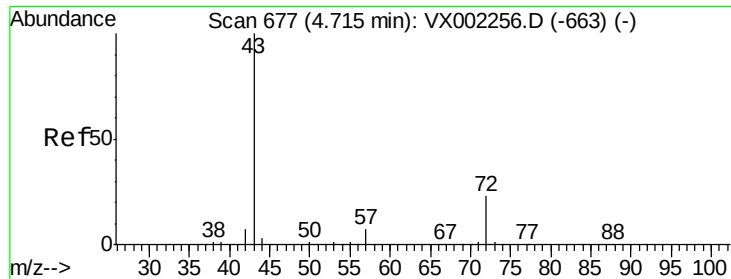
Tot Ion: 84 Resp: 1089194
Ion Ratio Lower Upper
84 100
49 132.5 107.8 161.6
51 40.4 32.8 49.2
86 63.8 52.5 78.7



#22
Diisopropyl ether
Concen: Below Cal
RT: 3.85 min Scan# 535
Delta R.T. -0.03 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion: 45 Resp: 128
Ion Ratio Lower Upper
45 100
43 51.8 46.8 70.2
87 0.0 20.2 30.4#
59 0.0 8.7 13.1#





#25

2-Butanone

Concen: 64.29 ug/l

RT: 4.71 min Scan# 676

Delta R.T. -0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

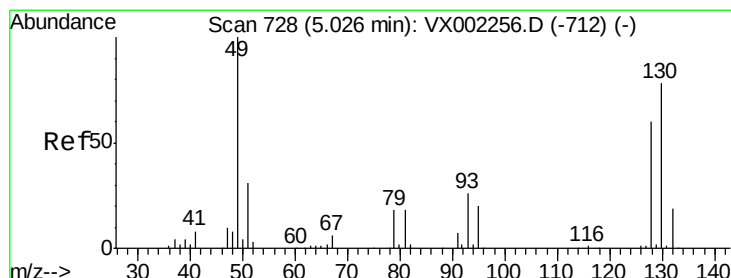
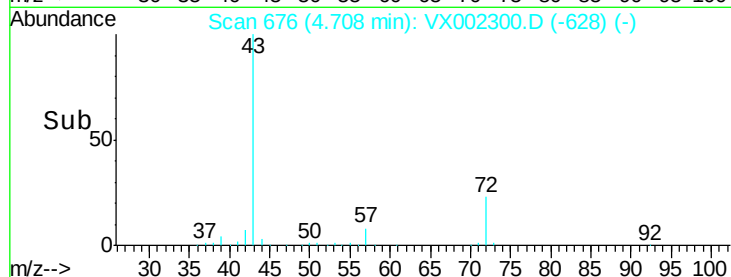
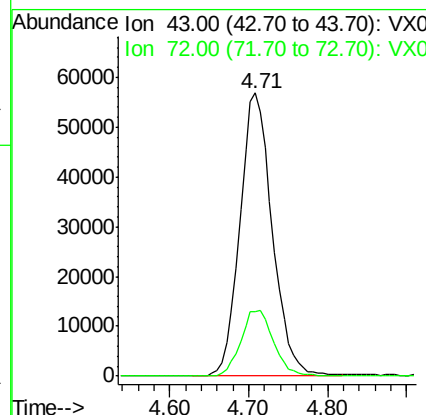
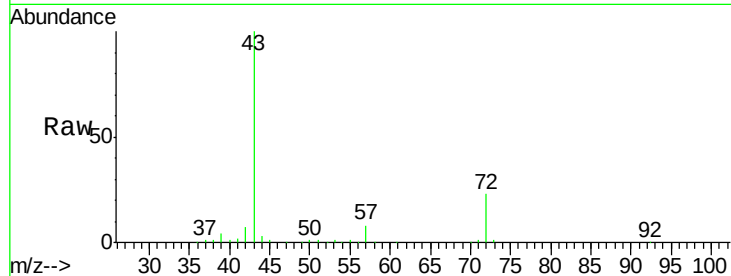
LF6-FB-2018-1RE

Tot Ion: 43 Resp: 162391

Ion Ratio Lower Upper

43 100

72 23.0 18.5 27.7



#28

Bromochloromethane

Concen: Below Cal

RT: 5.04 min Scan# 730

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

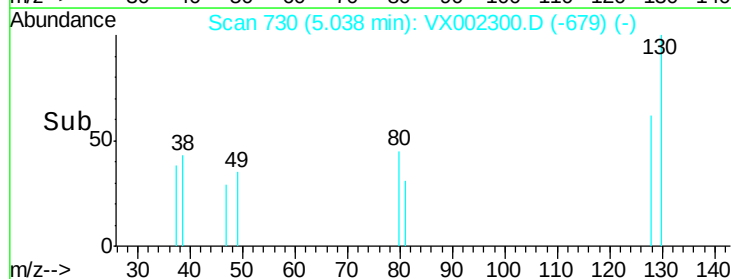
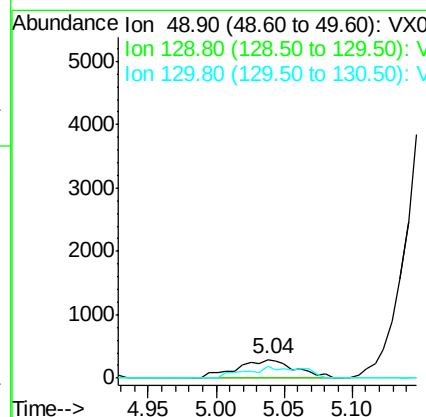
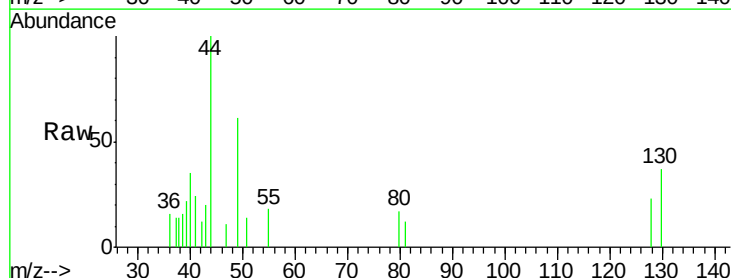
Tgt Ion: 49 Resp: 855

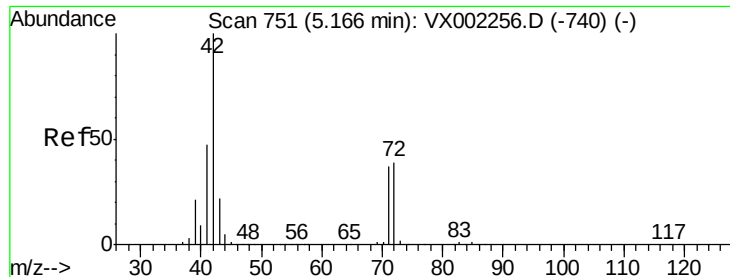
Ion Ratio Lower Upper

49 100

129 0.0 0.0 4.2

130 60.1 61.2 91.8#





#29

Tetrahydrofuran

Concen: 5766.53 ug/l

RT: 5.17 min Scan# 752

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

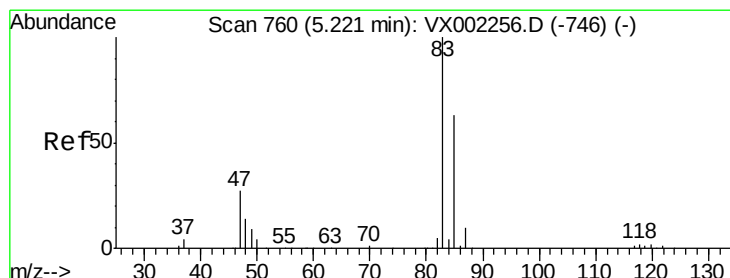
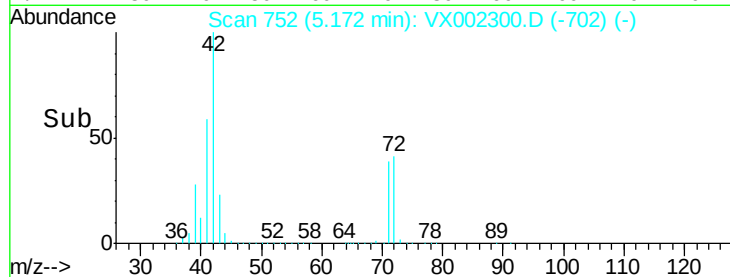
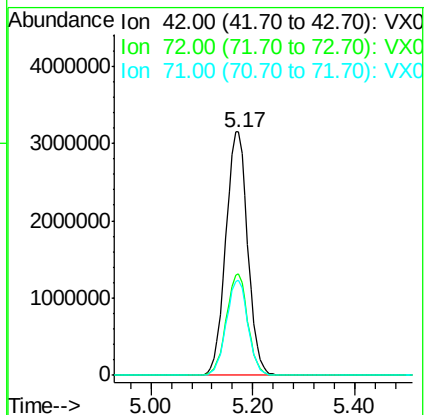
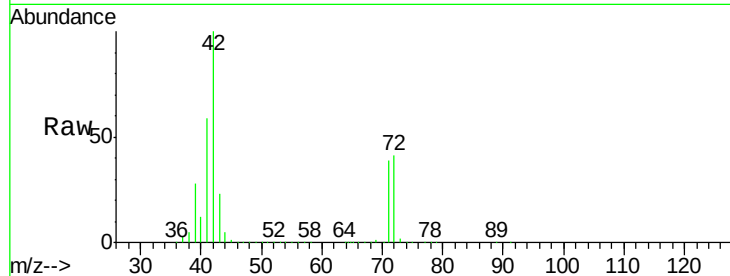
Tot Ion: 42 Resp: 9390562

Ion Ratio Lower Upper

42 100

72 40.7 32.0 48.0

71 38.6 30.1 45.1



#30

Chloroform

Concen: 0.21 ug/l

RT: 5.23 min Scan# 761

Delta R.T. 0.01 min

Lab File: VX002300.D

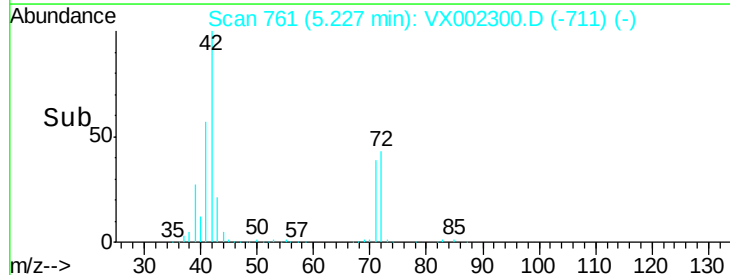
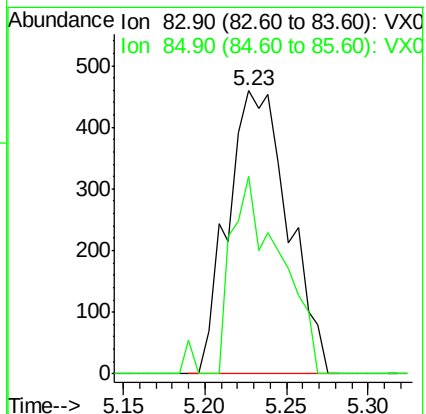
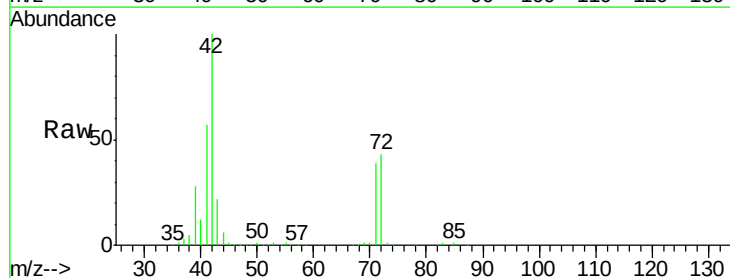
Acq: 05 Jun 2018 12:51

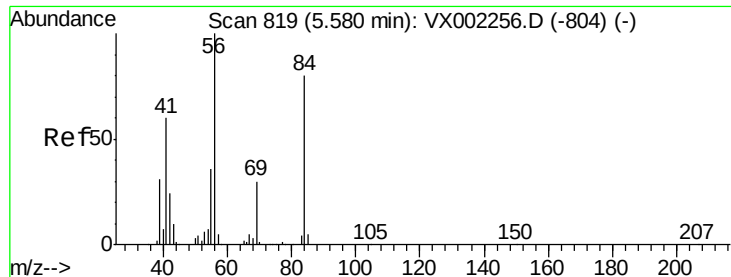
Tgt Ion: 83 Resp: 1184

Ion Ratio Lower Upper

83 100

85 69.7 50.4 75.6





#31

Cyclohexane

Concen: 1.13 ug/l

RT: 5.67 min Scan# 833

Delta R.T. 0.09 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

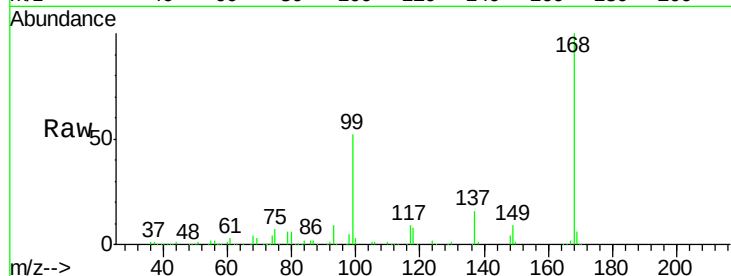
Tot Ion: 56 Resp: 5243

Ion Ratio Lower Upper

56 100

69 151.6 23.7 35.5#

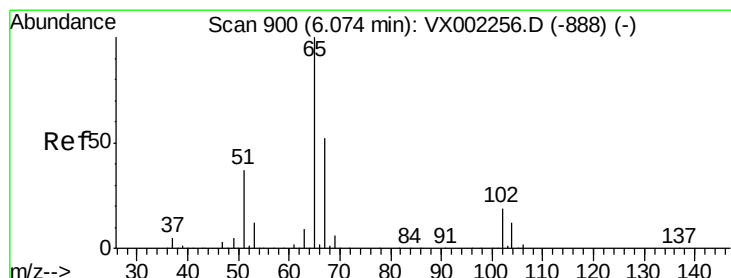
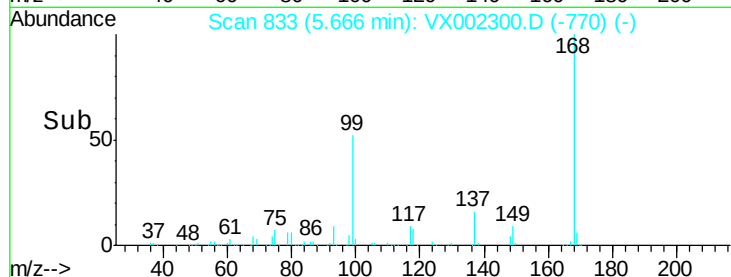
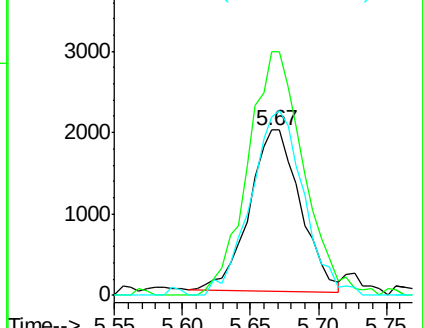
84 111.2 64.1 96.1#



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: 48.38 ug/l

RT: 6.07 min Scan# 900

Delta R.T. 0.00 min

Lab File: VX002300.D

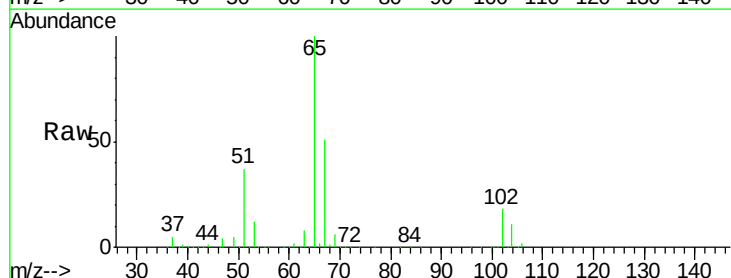
Acq: 05 Jun 2018 12:51

Tgt Ion: 65 Resp: 178614

Ion Ratio Lower Upper

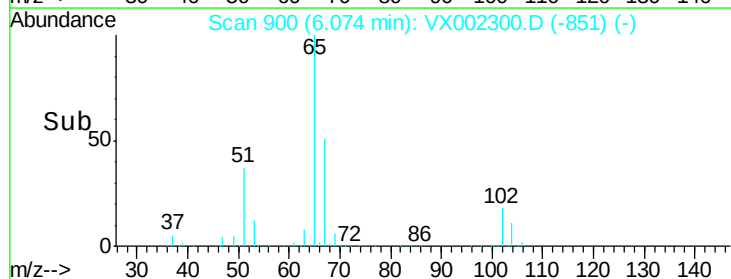
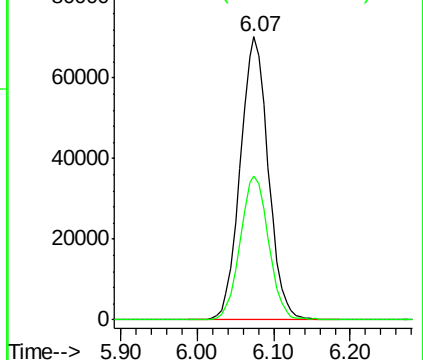
65 100

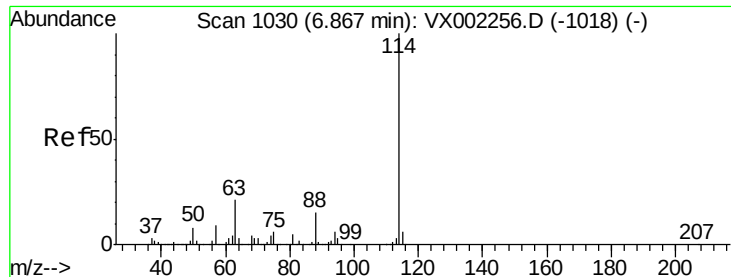
67 51.5 0.0 102.6



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: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

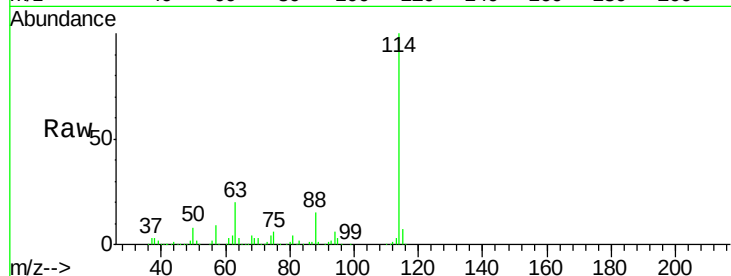
Tot Ion:114 Resp: 373942

Ion Ratio Lower Upper

114 100

63 20.2 0.0 41.4

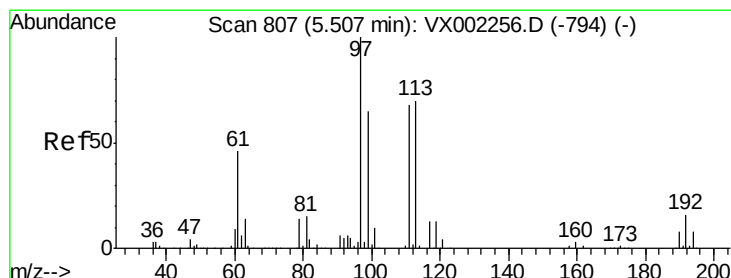
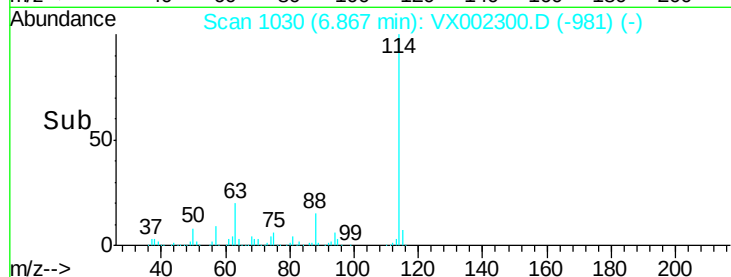
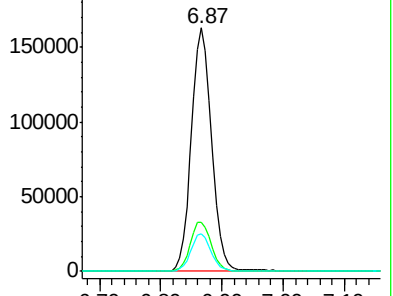
88 15.5 0.0 30.0



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: 45.00 ug/l

RT: 5.51 min Scan# 808

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

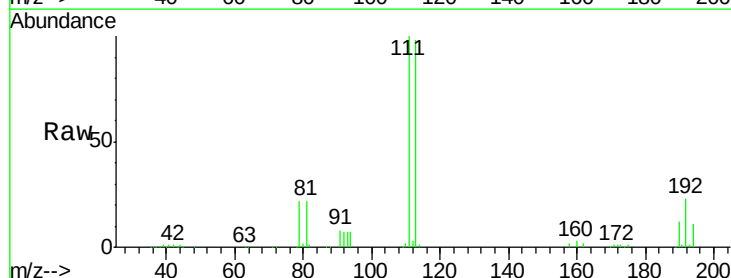
Tgt Ion:113 Resp: 132337

Ion Ratio Lower Upper

113 100

111 101.6 81.4 122.0

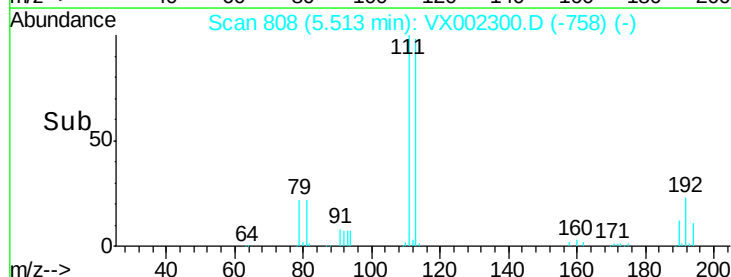
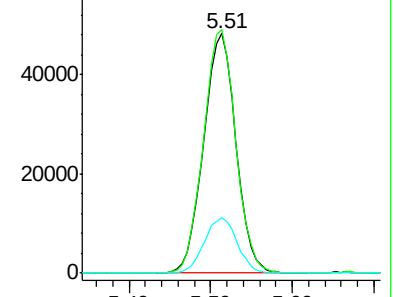
192 23.5 19.1 28.7

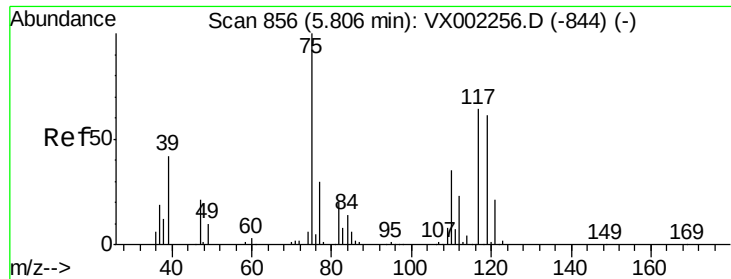


Abundance Ion 112.80 (112.50 to 113.50): V

Ion 110.80 (110.50 to 111.50): V

Ion 191.70 (191.40 to 192.40): V

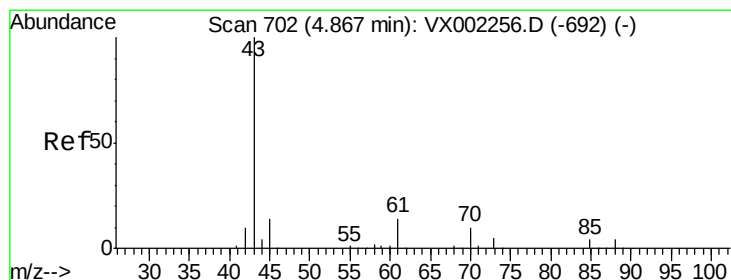
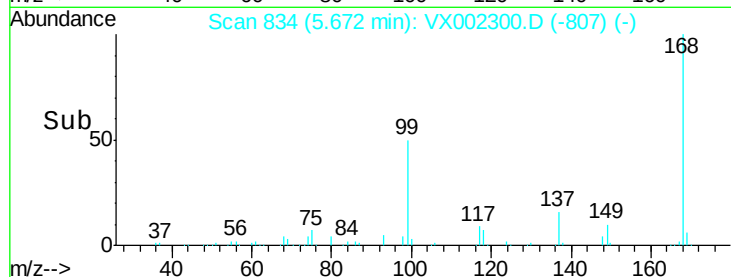
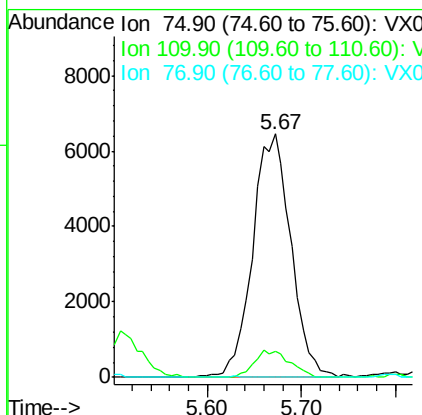
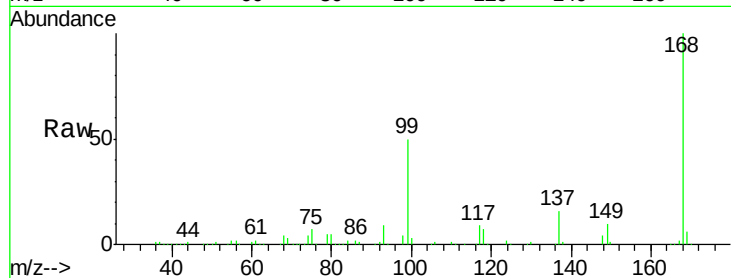




#36
 1,1-Dichloropropene
 Concen: 4.66 ug/l
 RT: 5.67 min Scan# 834
 Delta R.T. -0.13 min
 Lab File: VX002300.D
 Acq: 05 Jun 2018 12:51

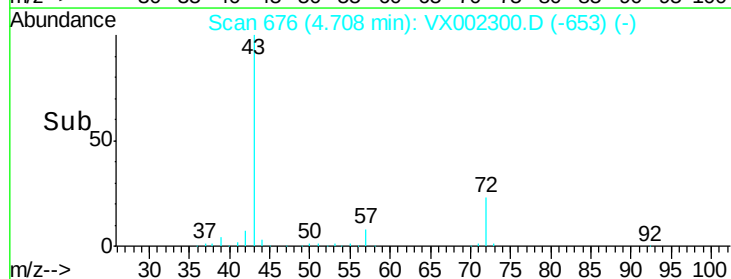
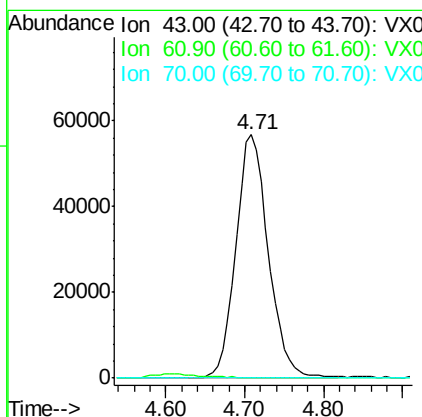
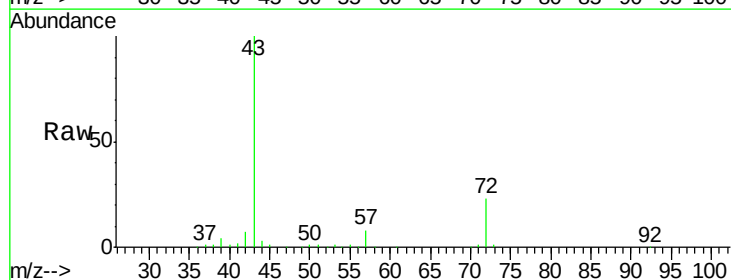
Instrument :
 MSVOA_X
 ClientSampleId :
 LF6-FB-2018-1RE

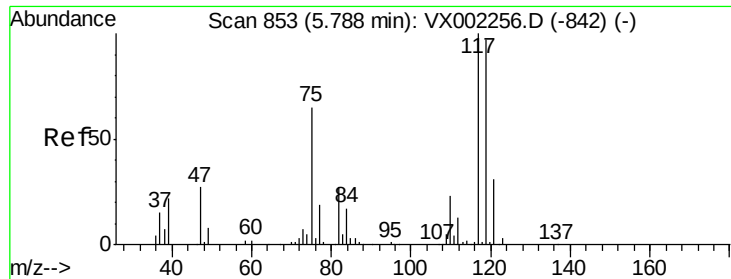
Tot Ion: 75 Resp: 18306
 Ion Ratio Lower Upper
 75 100
 110 10.3 18.1 54.4#
 77 0.0 24.3 36.5#



#37
 Ethyl Acetate
 Concen: 34.35 ug/l
 RT: 4.71 min Scan# 676
 Delta R.T. -0.16 min
 Lab File: VX002300.D
 Acq: 05 Jun 2018 12:51

Tgt Ion: 43 Resp: 162391
 Ion Ratio Lower Upper
 43 100
 61 0.0 10.4 15.6#
 70 0.0 7.6 11.4#





#38

Carbon Tetrachloride

Concen: 5.66 ug/l

RT: 5.67 min Scan# 833

Delta R.T. -0.12 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

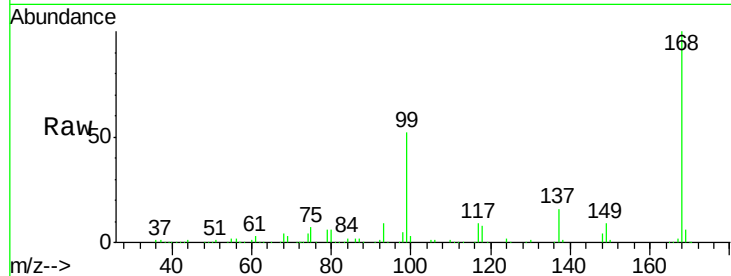
Tot Ion:117 Resp: 23290

Ion Ratio Lower Upper

117 100

119 5.2 77.4 116.0#

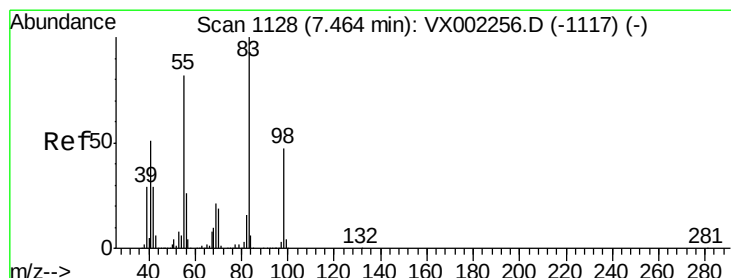
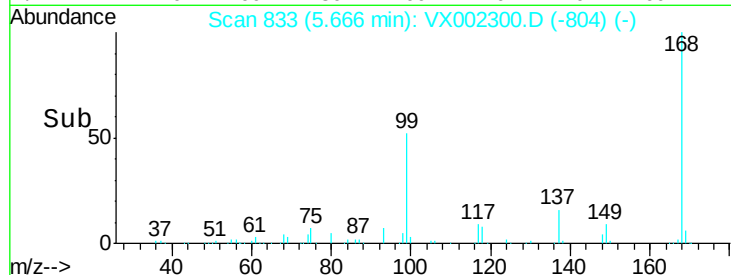
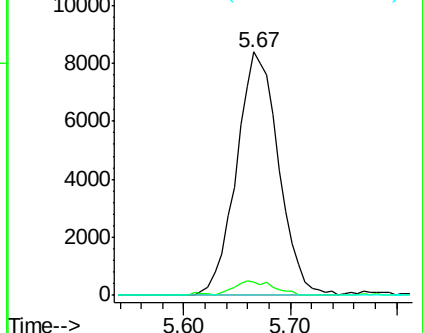
121 0.0 24.4 36.6#



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



#39

Methylcyclohexane

Concen: 0.31 ug/l

RT: 7.47 min Scan# 1129

Delta R.T. 0.01 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

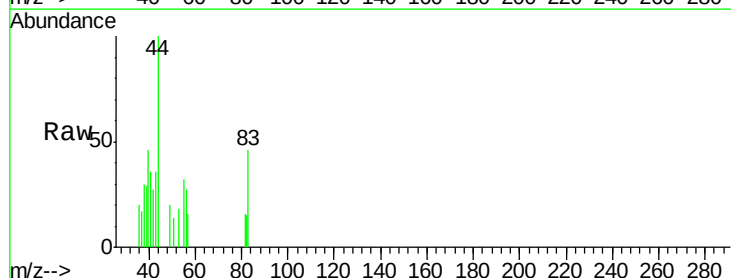
Tgt Ion: 83 Resp: 234

Ion Ratio Lower Upper

83 100

55 68.4 65.4 98.0

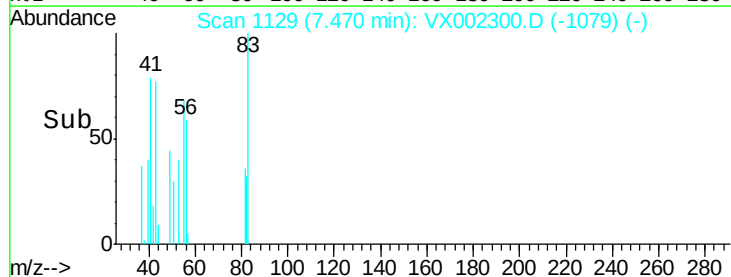
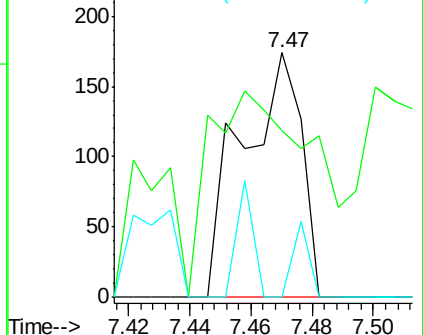
98 0.0 37.4 56.0#

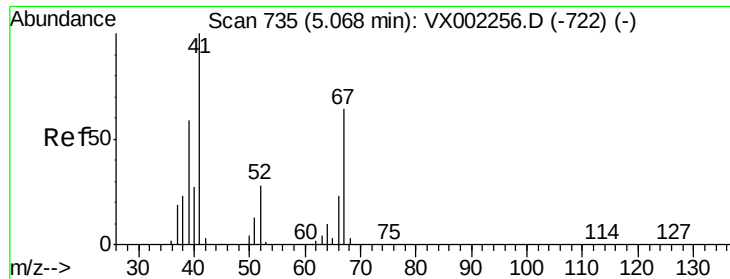


Abundance Ion 83.00 (82.70 to 83.70): VX0

Ion 55.00 (54.70 to 55.70): VX0

Ion 98.00 (97.70 to 98.70): VX0

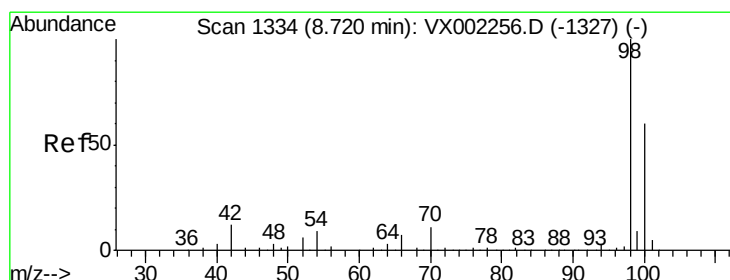
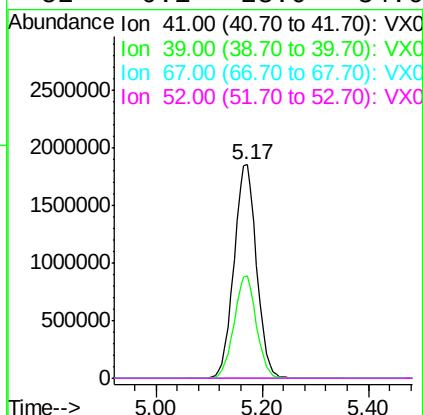
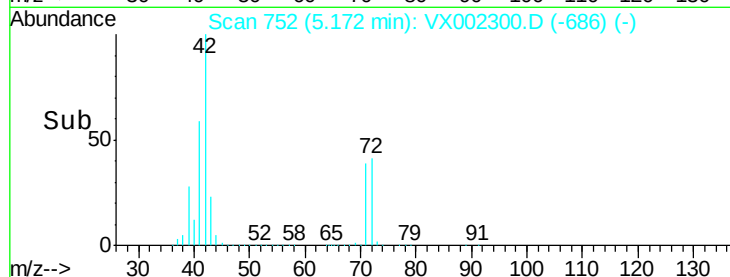
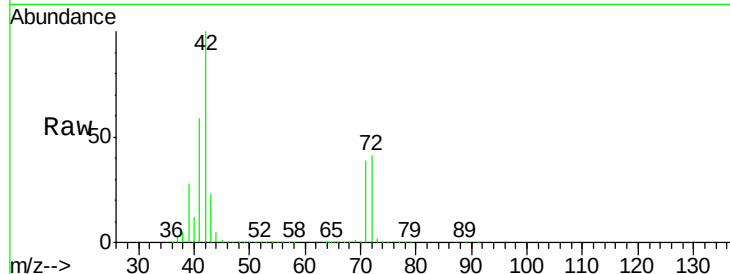




#41
Methacrylonitrile
Concen: 2017.64 ug/l
RT: 5.17 min Scan# 752
Delta R.T. 0.10 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

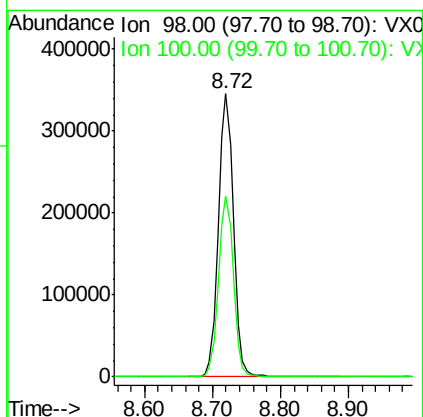
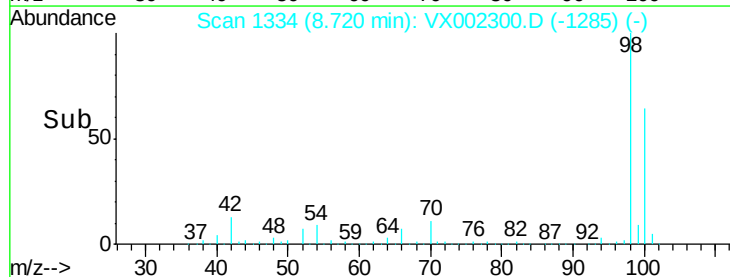
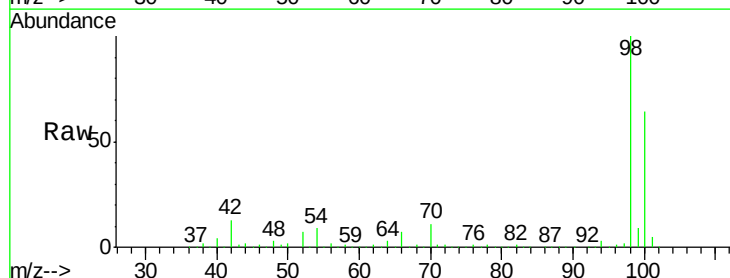
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

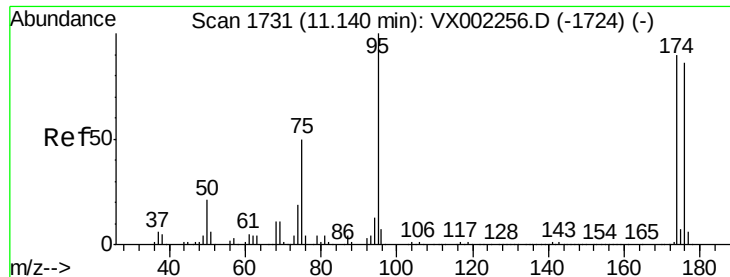
Tot Ion: 41 Resp: 5460521
Ion Ratio Lower Upper
41 100
39 47.3 45.8 68.6
67 0.0 51.3 76.9#
52 0.1 23.0 34.6#



#50
Toluene-d8
Concen: 46.98 ug/l
RT: 8.72 min Scan# 1334
Delta R.T. -0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion: 98 Resp: 529566
Ion Ratio Lower Upper
98 100
100 63.6 50.9 76.3

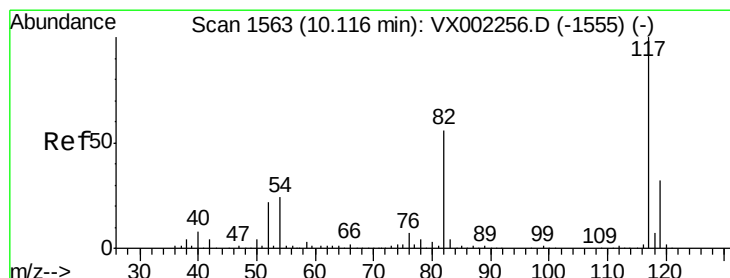
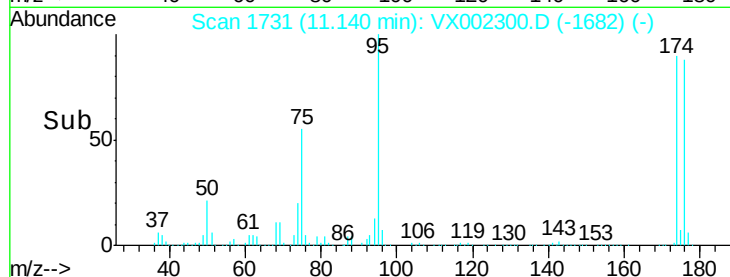
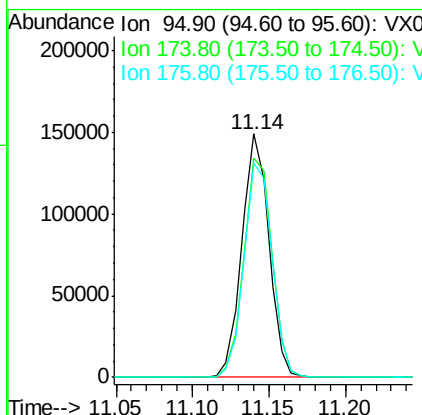
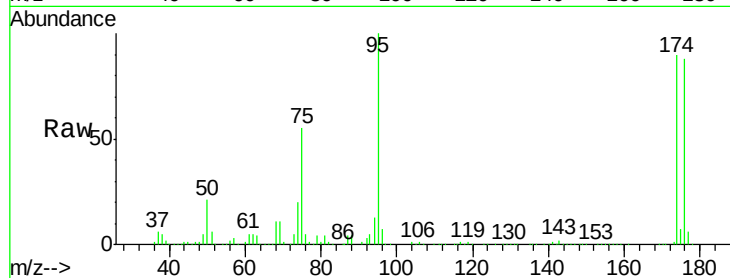




#62
4-Bromofluorobenzene
Concen: 42.08 ug/l
RT: 11.14 min Scan# 1731
Delta R.T. -0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

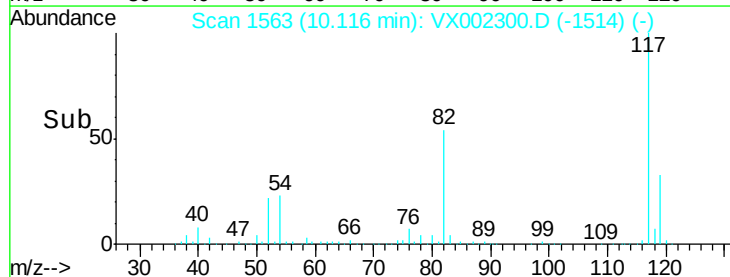
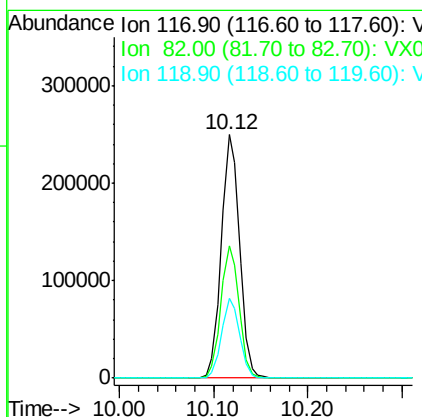
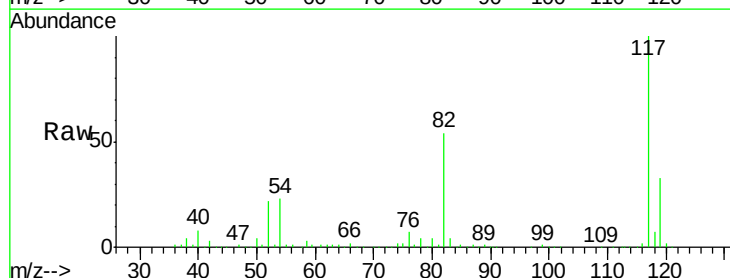
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

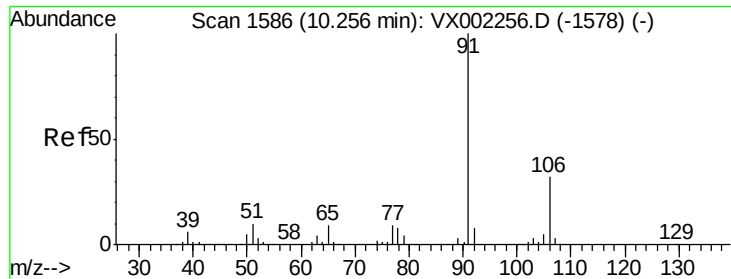
Tot Ion	95	Resp	182885
Ion	Ratio	Lower	Upper
95	100		
174	94.6	0.0	187.4
176	91.5	0.0	181.0



#63
Chlorobenzene-d5
Concen: 50.00 ug/l
RT: 10.12 min Scan# 1563
Delta R.T. -0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion	117	Resp	335519
Ion	Ratio	Lower	Upper
117	100		
82	54.4	45.0	67.4
119	32.6	25.8	38.6

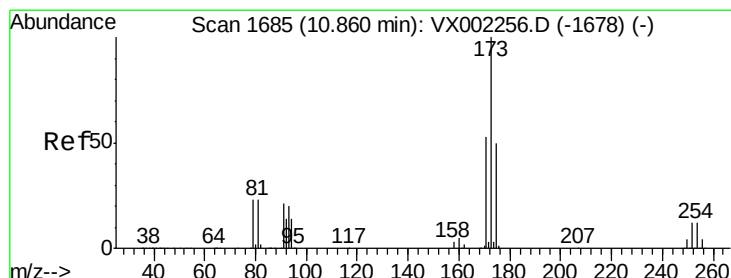
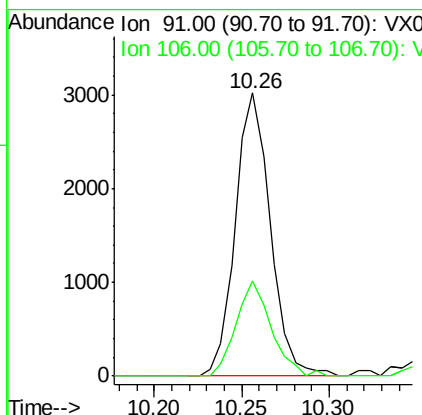
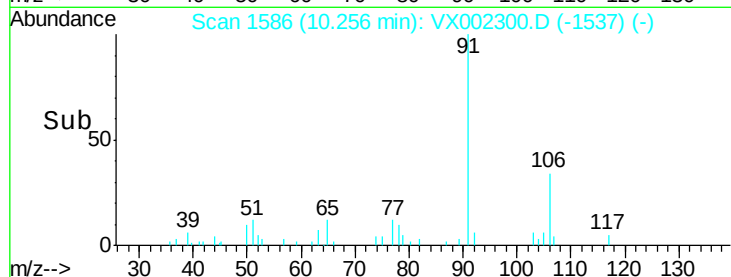
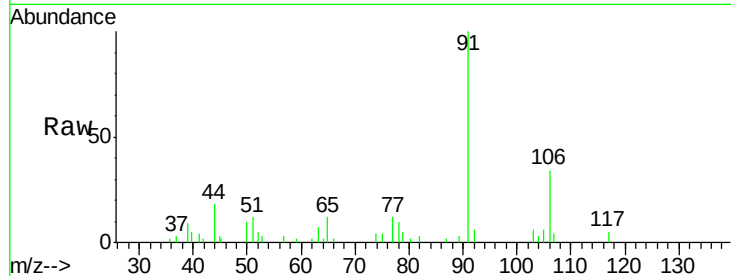




#67
Ethyl Benzene
Concen: 0.30 ug/l
RT: 10.26 min Scan# 1586
Delta R.T. -0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

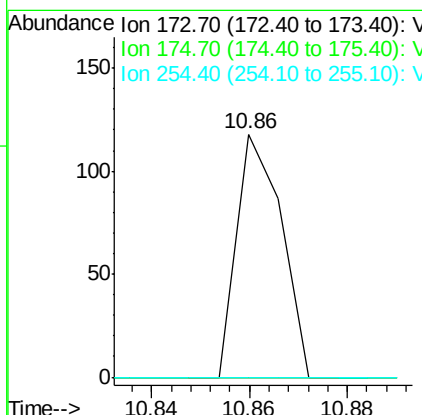
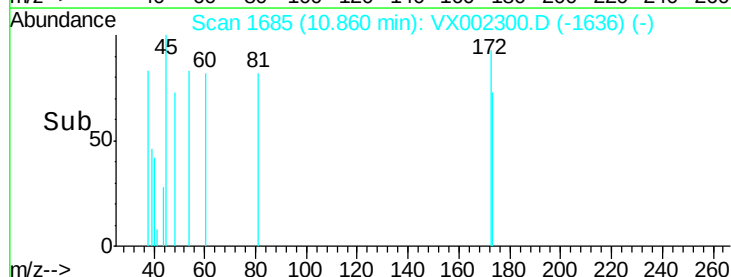
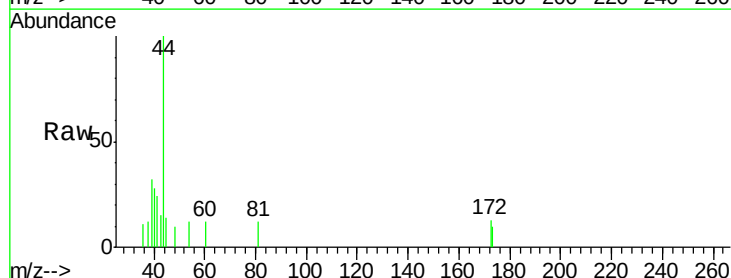
Instrument :
MSVOA_X
ClientSampleId :
LF6-FB-2018-1RE

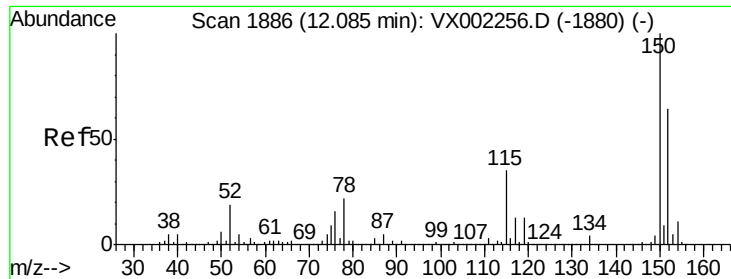
Tot Ion: 91.00 Resp: 4194
Ion Ratio Lower Upper
91 100
106 33.6 25.5 38.3



#71
Bromoform
Concen: 3.48 ug/l
RT: 10.86 min Scan# 1685
Delta R.T. 0.00 min
Lab File: VX002300.D
Acq: 05 Jun 2018 12:51

Tgt Ion: 173 Resp: 75
Ion Ratio Lower Upper
173 100
175 0.0 24.7 74.1#
254 0.0 0.2 0.2#





#72

1,4-Dichlorobenzene-d4

Concen: 50.00 ug/l

RT: 12.09 min Scan# 1886

Delta R.T. -0.00 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

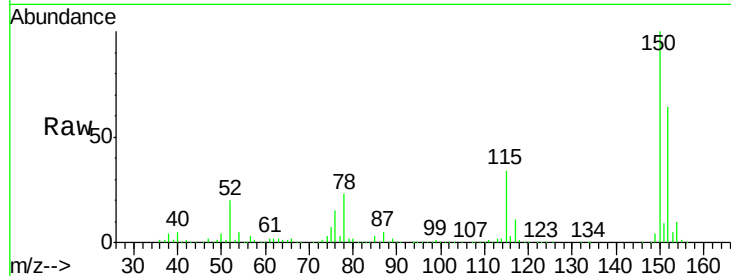
Tot Ion:152 Resp: 185833

Ion Ratio Lower Upper

152 100

115 55.0 40.1 120.2

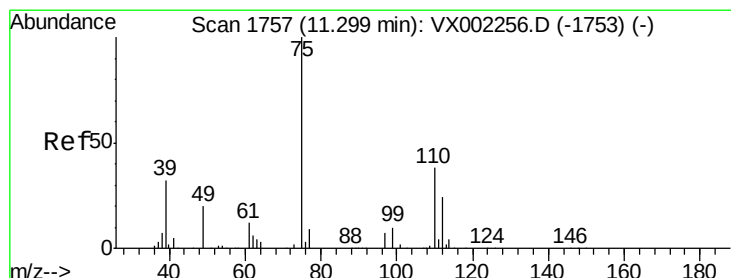
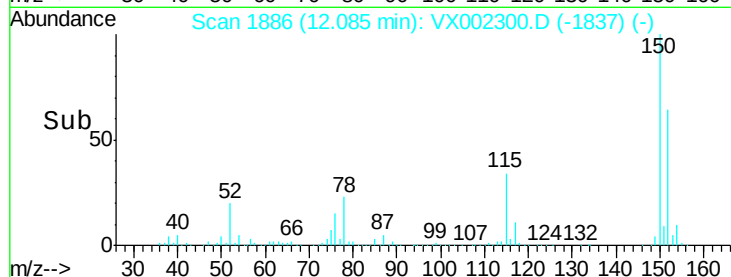
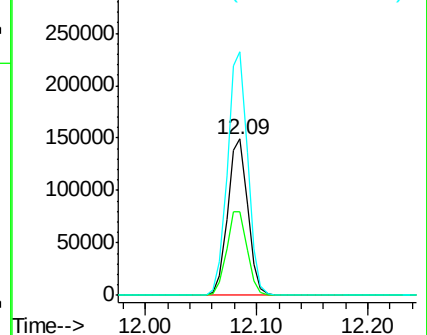
150 156.5 0.0 347.2



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: 24.09 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. -0.16 min

Lab File: VX002300.D

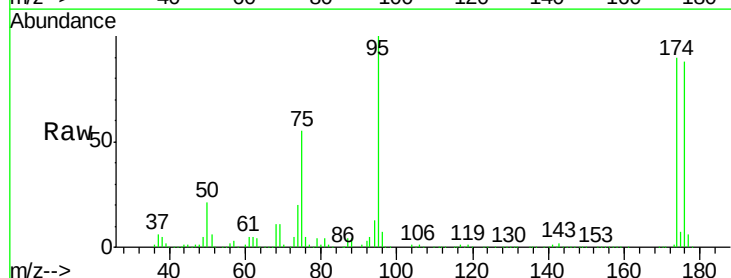
Acq: 05 Jun 2018 12:51

Tgt Ion: 75 Resp: 98233

Ion Ratio Lower Upper

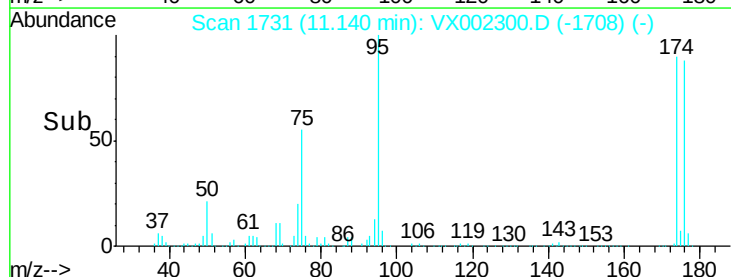
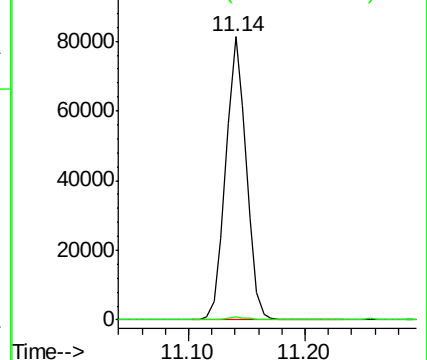
75 100

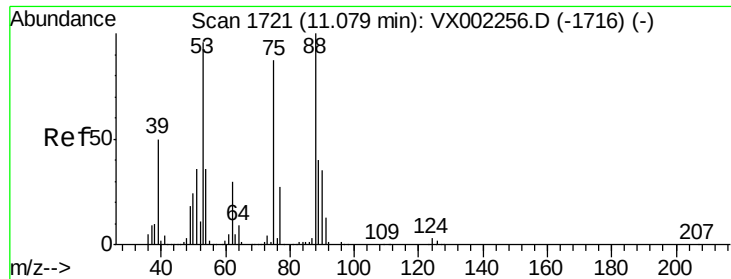
77 1.1 22.8 68.3#



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: 84.45 ug/l

RT: 11.14 min Scan# 1731

Delta R.T. 0.06 min

Lab File: VX002300.D

Acq: 05 Jun 2018 12:51

Instrument :

MSVOA_X

ClientSampleId :

LF6-FB-2018-1RE

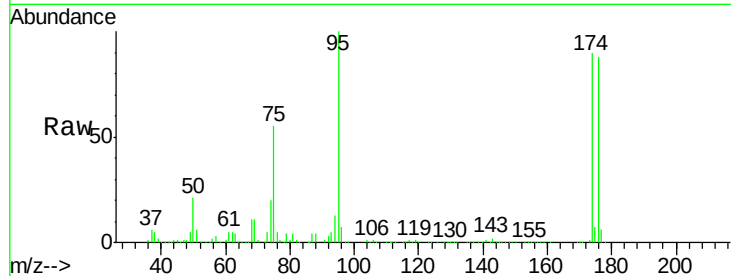
Tot Ion: 75 Resp: 98233

Ion Ratio Lower Upper

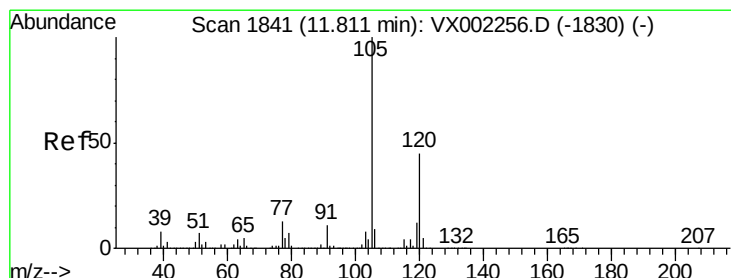
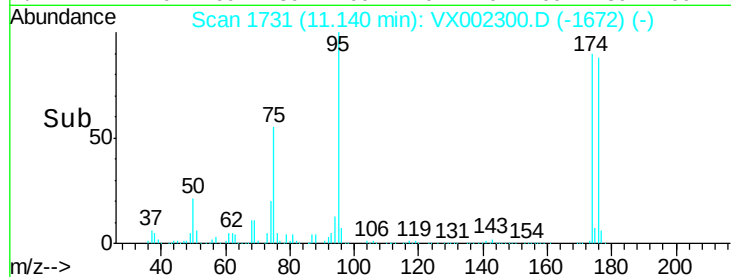
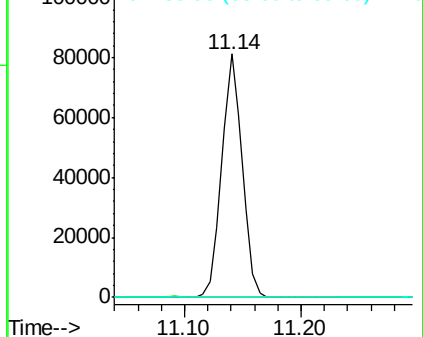
75 100

53 0.0 86.8 130.2#

89 0.1 38.2 57.2#



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



#84

1,2,4-Trimethylbenzene

Concen: 0.26 ug/l

RT: 11.81 min Scan# 1841

Delta R.T. -0.00 min

Lab File: VX002300.D

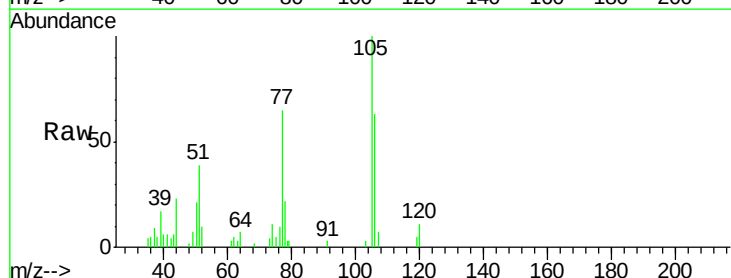
Acq: 05 Jun 2018 12:51

Tgt Ion: 105 Resp: 2982

Ion Ratio Lower Upper

105 100

120 7.8 22.3 66.8#



Abundance Ion 105.00 (104.70 to 105.70): V
Ion 120.00 (119.70 to 120.70): V

