

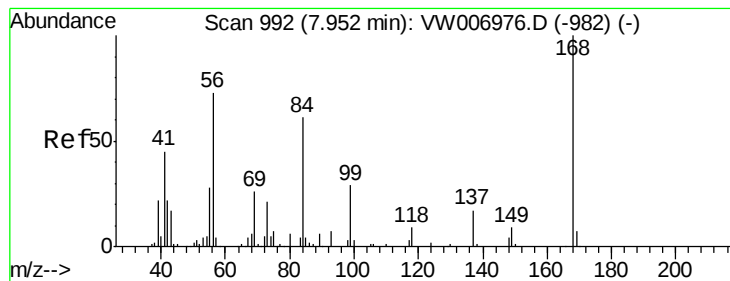
Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW112218\
 Data File : VW007002.D
 Acq On : 21 Nov 2018 16:17
 Operator : VAY/AP
 Sample : J5999-08
 Misc : 5.76G/5ML/MSVOA W/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :

Quant Time: Nov 22 04:37:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\82W112118S.M
 Quant Title : SW846 8260
 QLast Update : Wed Nov 21 03:23:02 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.95	168	102489	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.85	114	159295	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.63	117	117800	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.57	152	30644	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.31	65	57398	57.20	ug/l	0.00
Spiked Amount	50.000		Recovery	=	114.40%	
35) Dibromofluoromethane	7.89	113	49832	55.39	ug/l	0.00
Spiked Amount	50.000		Recovery	=	110.78%	
50) Toluene-d8	10.33	98	181315	45.64	ug/l	0.00
Spiked Amount	50.000		Recovery	=	91.28%	
62) 4-Bromofluorobenzene	12.62	95	47354	30.29	ug/l	0.00
Spiked Amount	50.000		Recovery	=	60.58%	
Target Compounds						
					Qvalue	
11) Tert butyl alcohol	5.21	59	432	6.614	ug/l #	71
16) Acetone	4.15	43	490	3.364	ug/l #	44
20) Methylene Chloride	4.93	84	4120	Below Cal		95
31) Cyclohexane	7.95	56	2142	1.108	ug/l #	25
36) 1,1-Dichloropropene	7.95	75	7794	5.007	ug/l #	48
38) Carbon Tetrachloride	7.95	117	10721	7.192	ug/l #	18
51) 4-Methyl-2-Pentanone	10.33	43	827	1.522	ug/l #	1
76) 1,2,3-Trichloropropane	12.62	75	23528	97.708	ug/l #	100
81) trans-1,4-Dichloro-2-buten	12.62	75	23528	245.306	ug/l #	10

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



#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.95 min Scan# 992

Delta R.T. 0.00 min

Lab File: VW007002.D

Acq: 21 Nov 2018 16:17

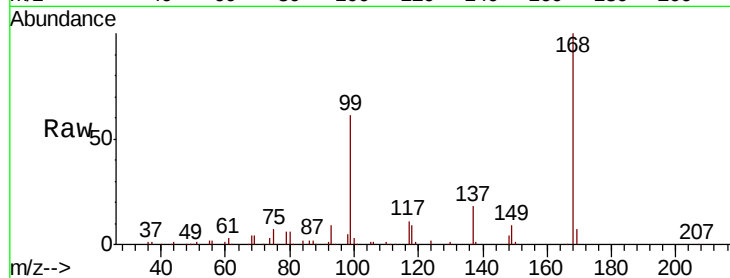
Instrument :
MSVOA_W
ClientSampled :

Tot Ion:168 Resp: 102489

Ion Ratio Lower Upper

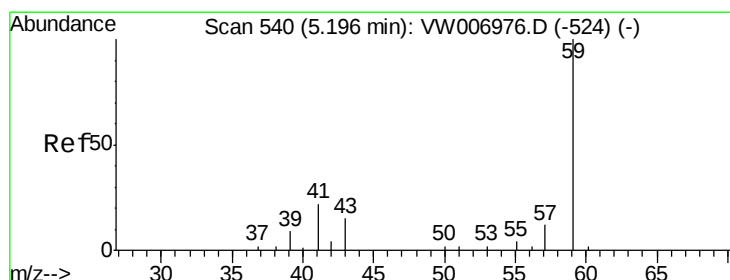
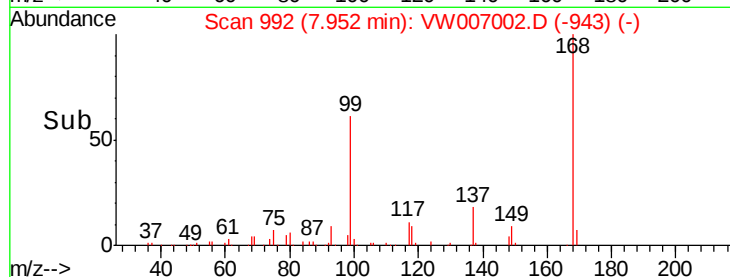
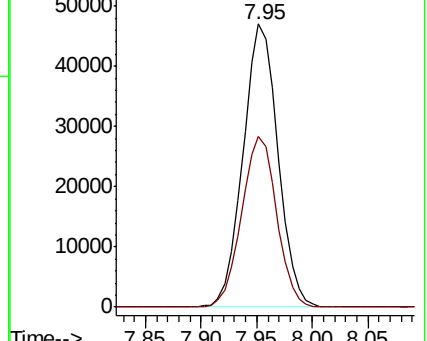
168 100

99 60.5 48.2 72.4



Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VW



#11

Tert butyl alcohol

Concen: 6.614 ug/l

RT: 5.21 min Scan# 542

Delta R.T. 0.01 min

Lab File: VW007002.D

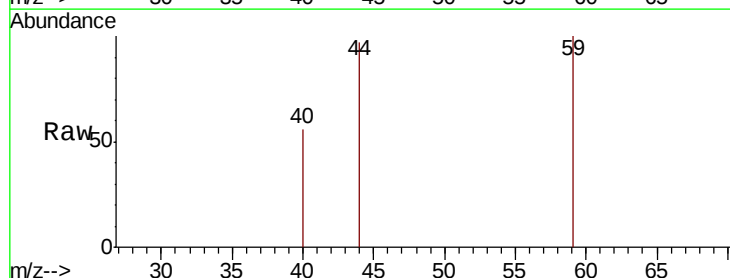
Acq: 21 Nov 2018 16:17

Tgt Ion: 59 Resp: 432

Ion Ratio Lower Upper

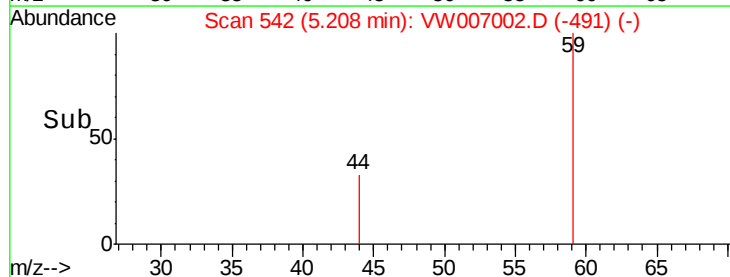
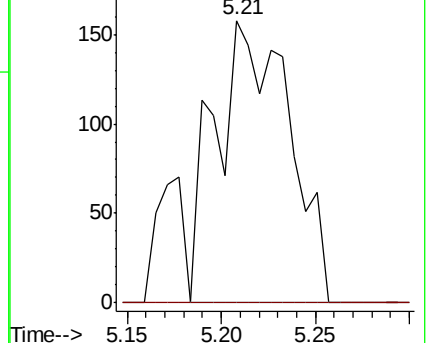
59 100

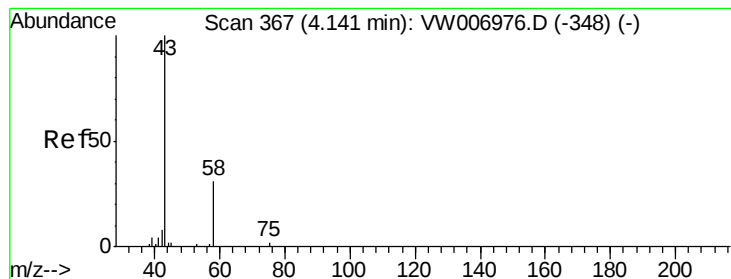
57 0.0 8.6 13.0#



Abundance Ion 59.00 (58.70 to 59.70): VW

Ion 57.00 (56.70 to 57.70): VW





#16

Acetone

Concen: 3.364 ug/l

RT: 4.15 min Scan# 369

Delta R.T. 0.01 min

Lab File: VW007002.D

Acq: 21 Nov 2018 16:17

Instrument :

MSVOA_W

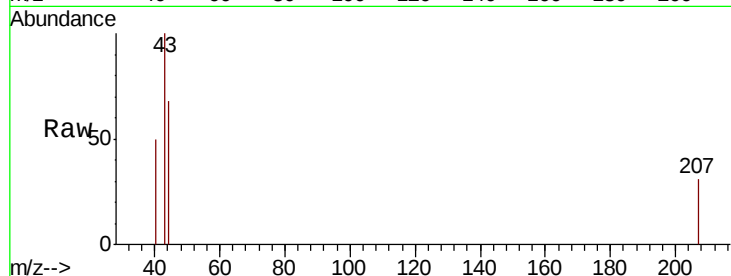
ClientSampled :

Tot Ion: 43 Resp: 490

Ion Ratio Lower Upper

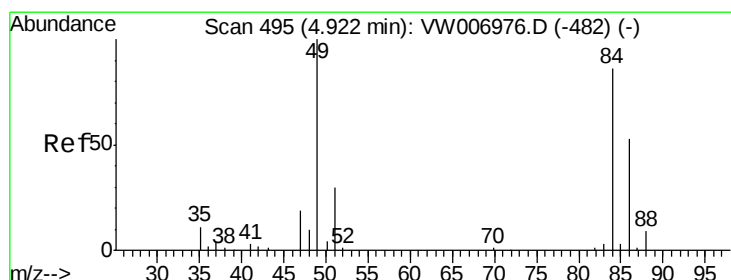
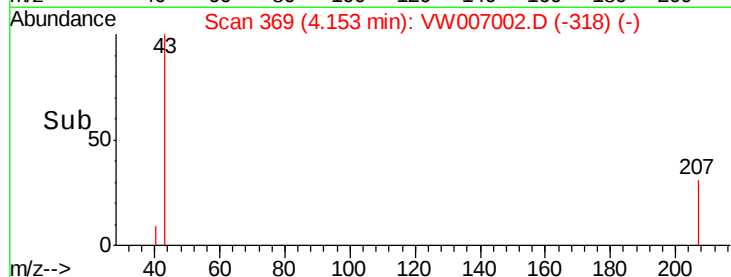
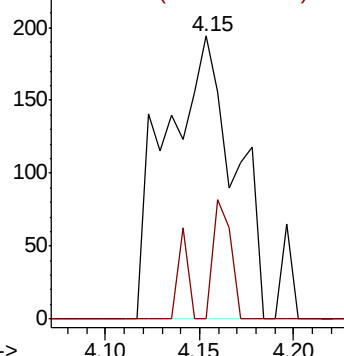
43 100

58 0.0 24.8 37.2#



Abundance Ion 43.00 (42.70 to 43.70): VW

Ion 58.00 (57.70 to 58.70): VW



#20

Methylene Chloride

Concen: Below Cal

RT: 4.93 min Scan# 496

Delta R.T. 0.01 min

Lab File: VW007002.D

Acq: 21 Nov 2018 16:17

Tgt Ion: 84 Resp: 4120

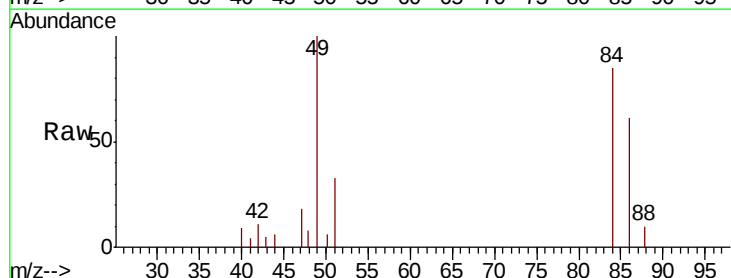
Ion Ratio Lower Upper

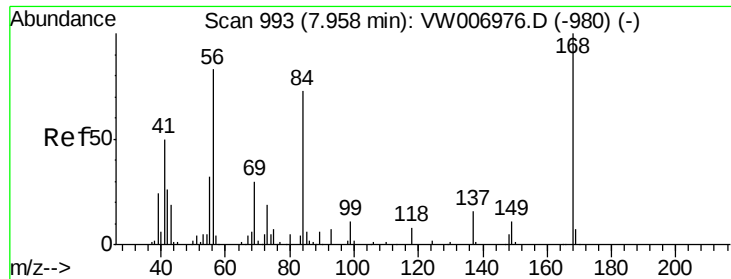
84 100

49 118.1 93.4 140.0

51 39.5 28.4 42.6

86 72.0 49.8 74.8

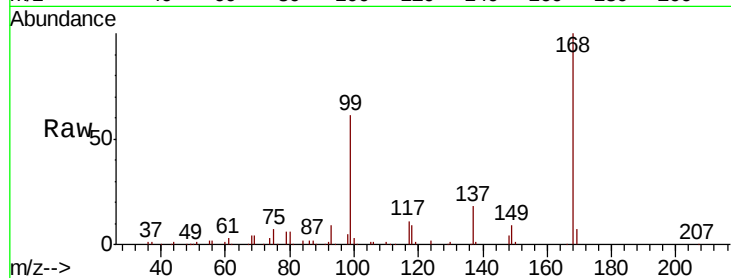




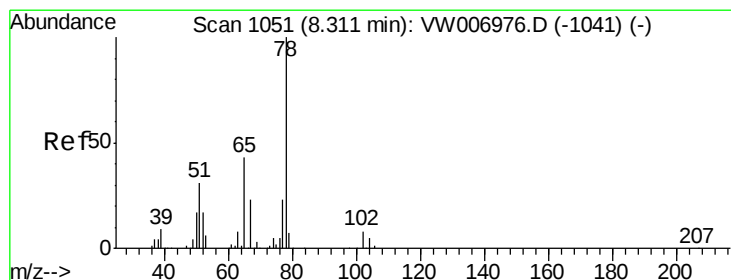
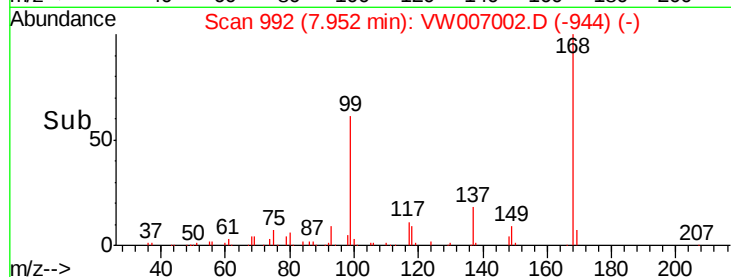
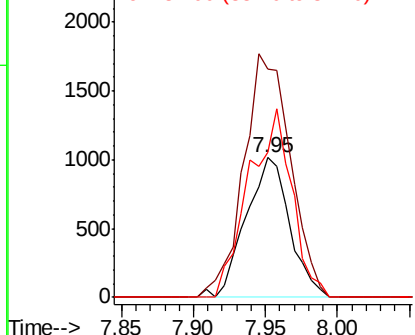
#31
Cyclohexane
Concen: 1.108 ug/l
RT: 7.95 min Scan# 992
Delta R.T. -0.01 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Instrument :
MSVOA_W
ClientSampled :

Tot Ion: 56 Resp: 2142
Ion Ratio Lower Upper
56 100
69 162.8 29.1 43.7#
84 104.1 70.6 105.8

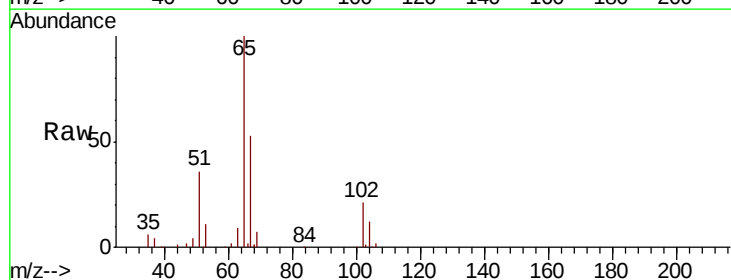


Abundance Ion 56.00 (55.70 to 56.70): VW
Ion 69.00 (68.70 to 69.70): VW
Ion 84.00 (83.70 to 84.70): VW

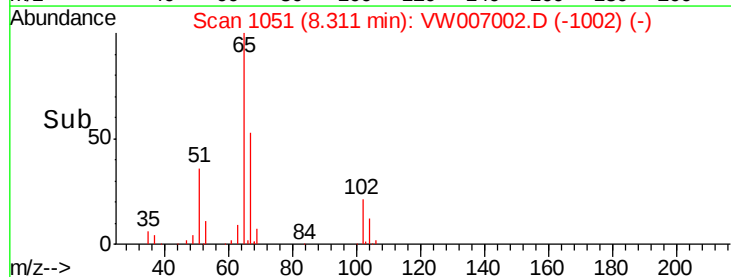
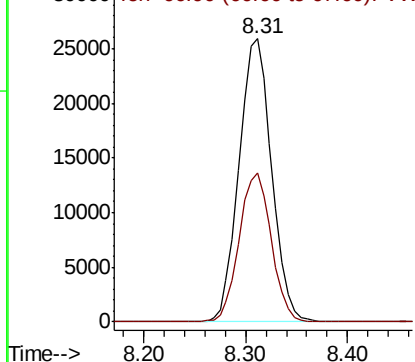


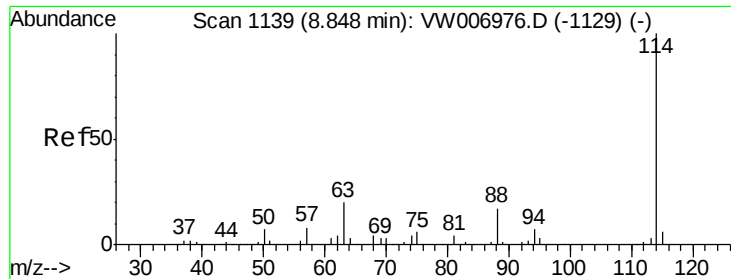
#33
1,2-Dichloroethane-d4
Concen: 57.204 ug/l
RT: 8.31 min Scan# 1051
Delta R.T. 0.00 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Tgt Ion: 65 Resp: 57398
Ion Ratio Lower Upper
65 100
67 51.9 0.0 106.2



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

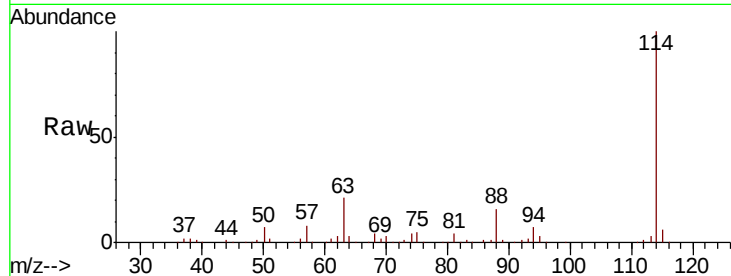




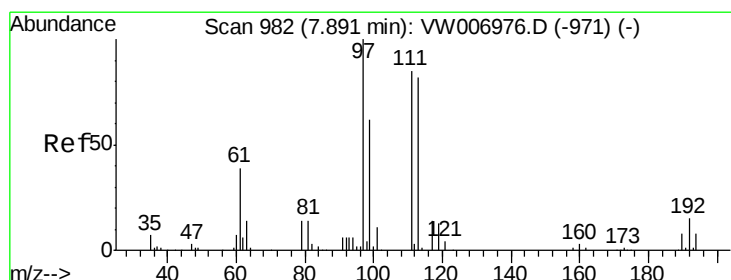
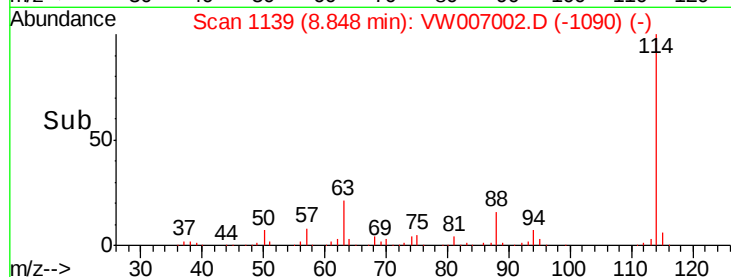
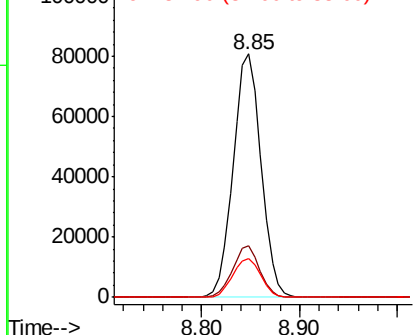
#34
1,4-Difluorobenzene
Concen: 50.000 ug/l
RT: 8.85 min Scan# 1139
Delta R.T. 0.00 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:114 Resp: 159295
Ion Ratio Lower Upper
114 100
63 21.0 0.0 39.4
88 16.1 0.0 34.2

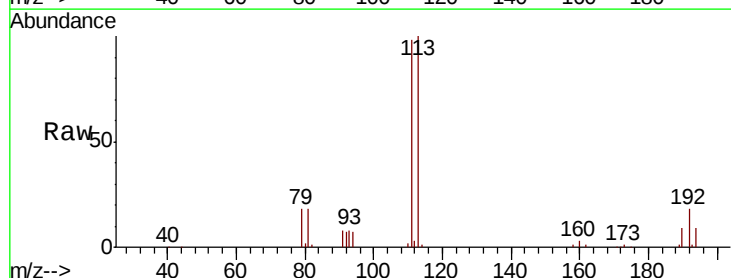


Abundance Ion 113.90 (113.60 to 114.60): V
Ion 63.00 (62.70 to 63.70): VW
Ion 87.90 (87.60 to 88.60): VW

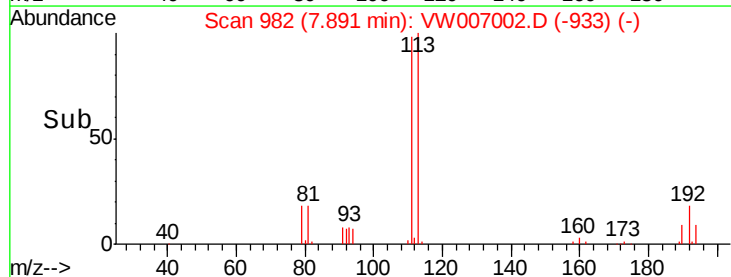
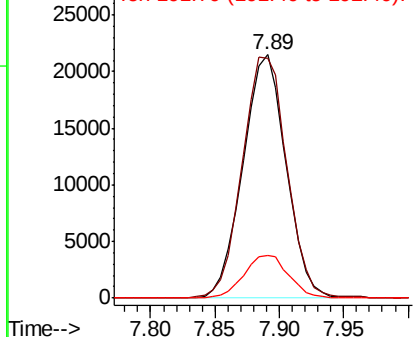


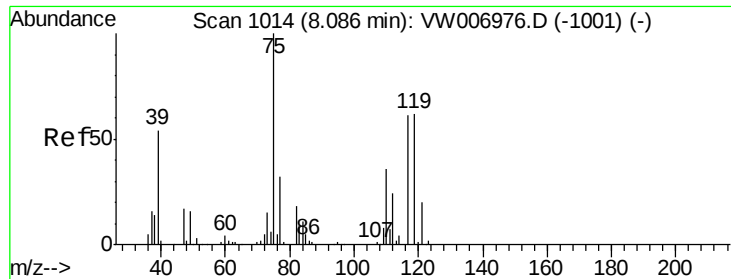
#35
Dibromofluoromethane
Concen: 55.395 ug/l
RT: 7.89 min Scan# 982
Delta R.T. 0.00 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Tgt Ion:113 Resp: 49832
Ion Ratio Lower Upper
113 100
111 102.7 81.0 121.6
192 18.1 15.0 22.6



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

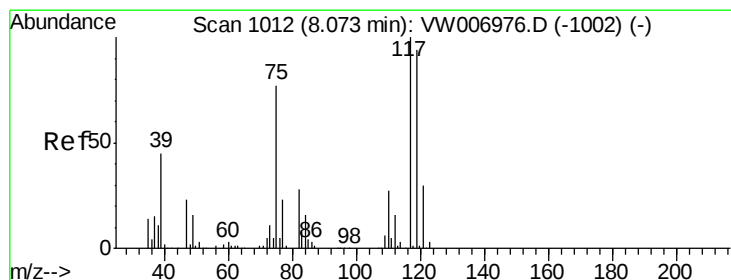
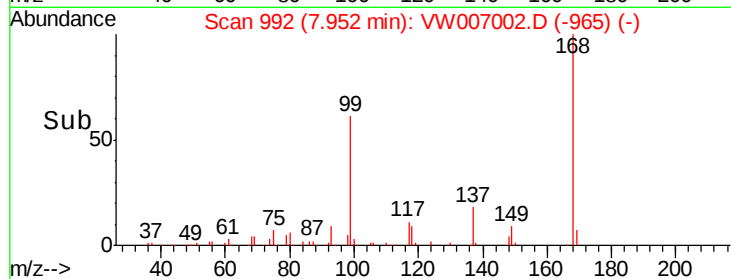
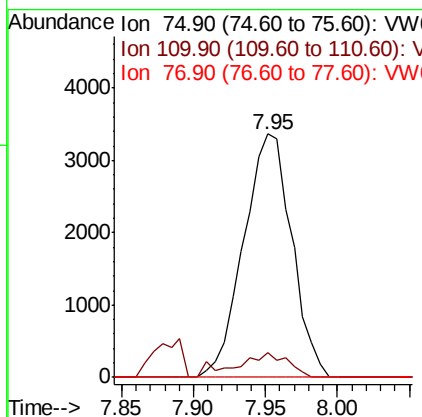
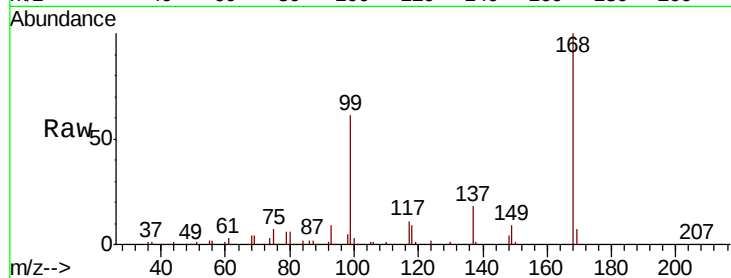




#36
 1,1-Dichloropropene
 Concen: 5.007 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.13 min
 Lab File: VW007002.D
 Acq: 21 Nov 2018 16:17

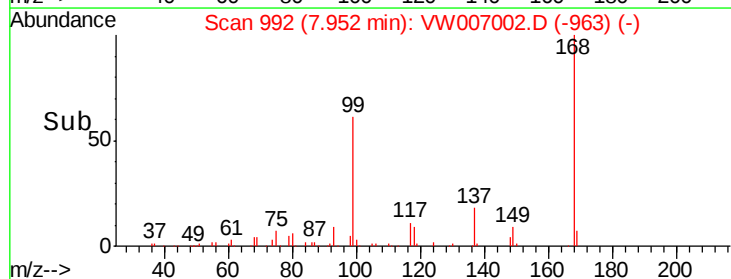
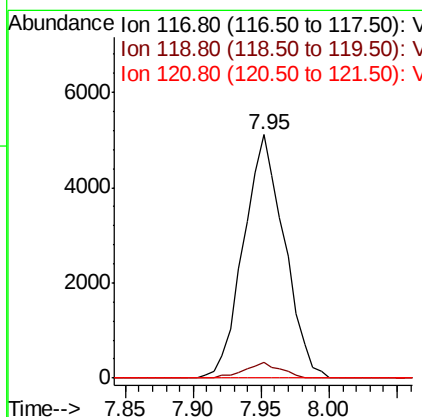
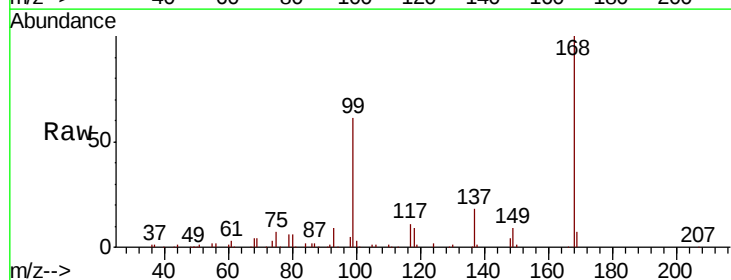
Instrument :
 MSVOA_W
 ClientSampleId :

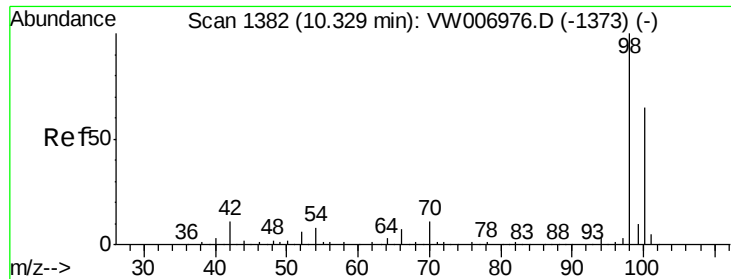
Tot Ion	Ratio	Lower	Upper
75	100		
110	8.1	18.0	54.0#
77	0.0	24.9	37.3#



#38
 Carbon Tetrachloride
 Concen: 7.192 ug/l
 RT: 7.95 min Scan# 992
 Delta R.T. -0.12 min
 Lab File: VW007002.D
 Acq: 21 Nov 2018 16:17

Tgt Ion	Ratio	Lower	Upper
117	100		
119	6.4	74.9	112.3#
121	0.0	23.6	35.4#





#50

Toluene-d8

Concen: 45.643 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.00 min

Lab File: VW007002.D

Acq: 21 Nov 2018 16:17

Instrument :

MSVOA_W

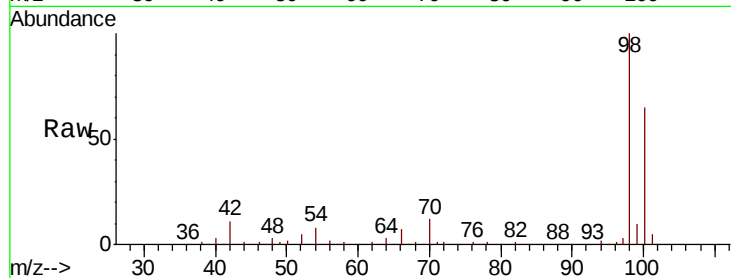
ClientSampled :

Tot Ion: 98 Resp: 181315

Ion Ratio Lower Upper

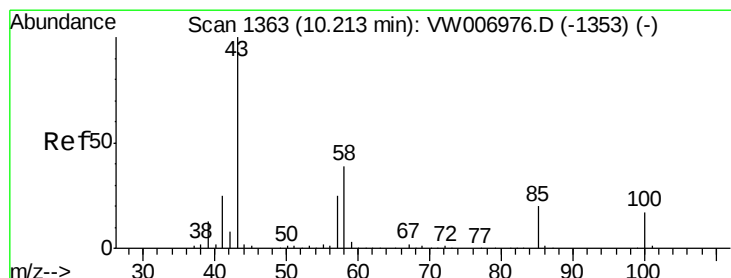
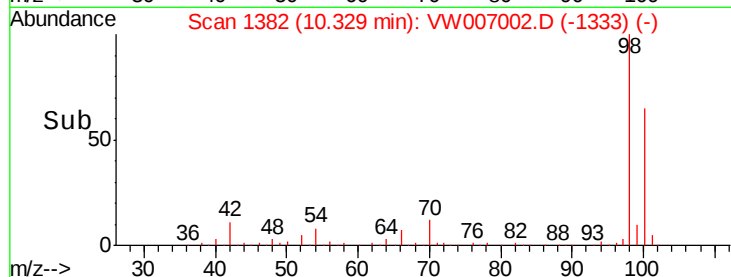
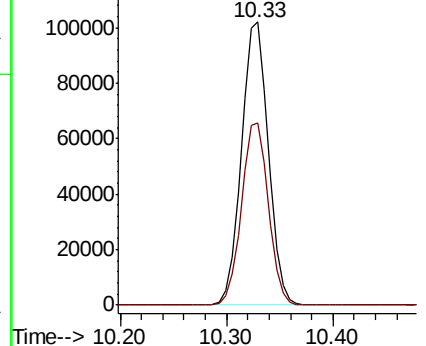
98 100

100 64.3 52.2 78.2



Abundance Ion 98.00 (97.70 to 98.70): VW

Ion 100.00 (99.70 to 100.70): VW



#51

4-Methyl-2-Pentanone

Concen: 1.522 ug/l

RT: 10.33 min Scan# 1382

Delta R.T. 0.12 min

Lab File: VW007002.D

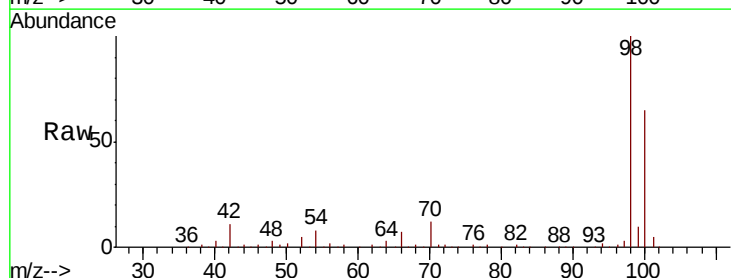
Acq: 21 Nov 2018 16:17

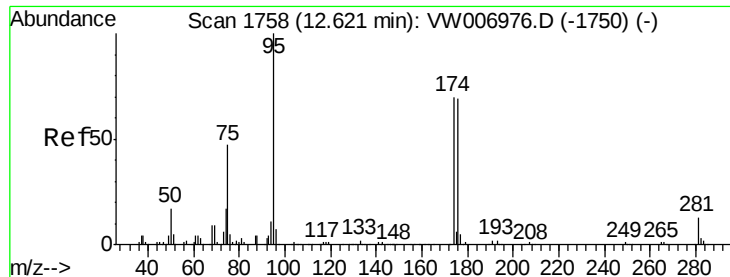
Tgt Ion: 43 Resp: 827

Ion Ratio Lower Upper

43 100

58 174.0 31.8 47.6#

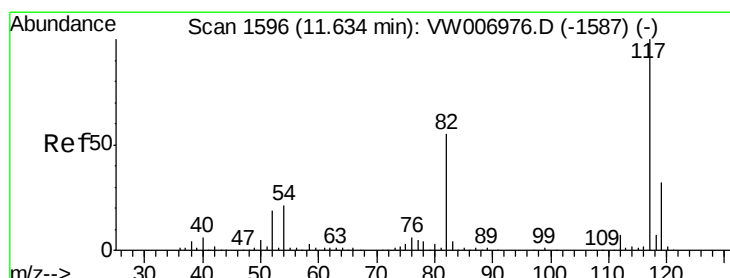
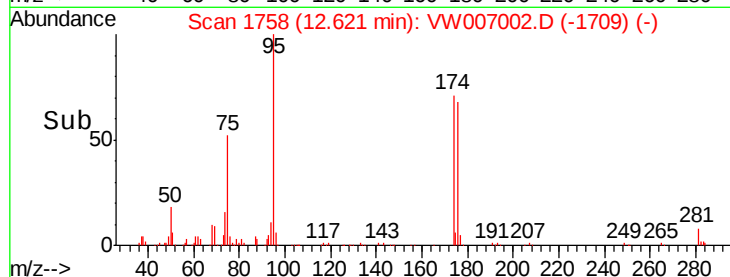
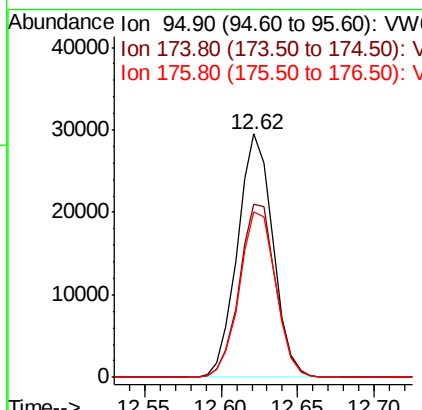
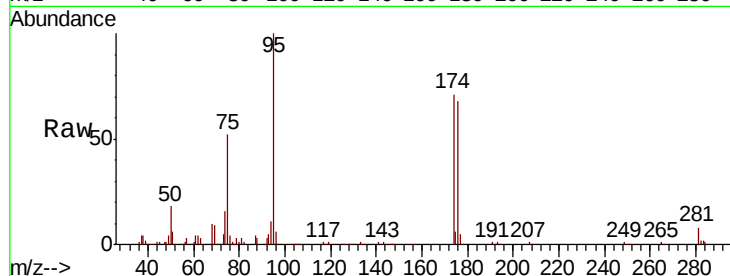




#62
4-Bromofluorobenzene
Concen: 30.293 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. 0.00 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

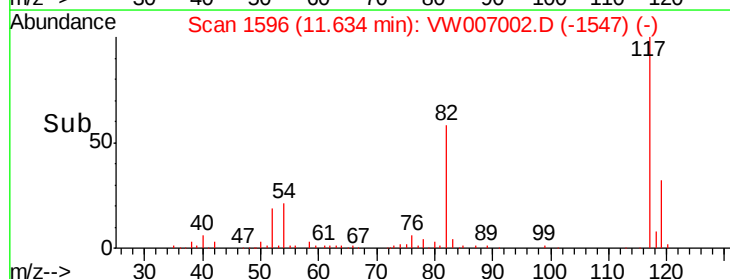
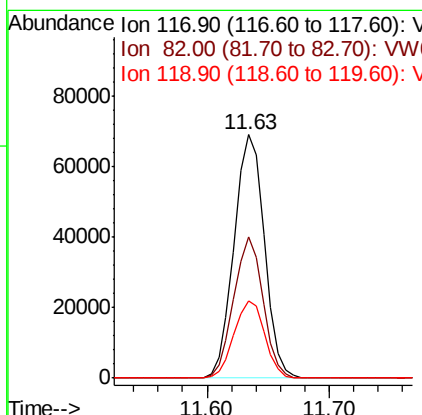
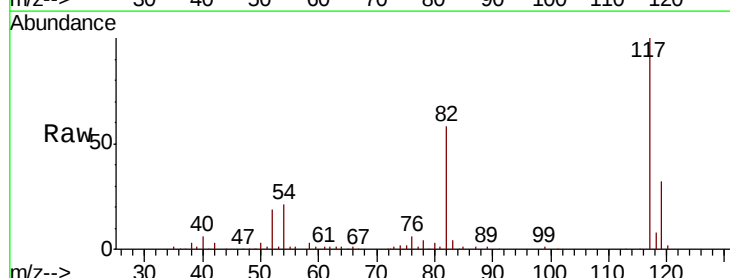
Instrument :
MSVOA_W
ClientSampleId :

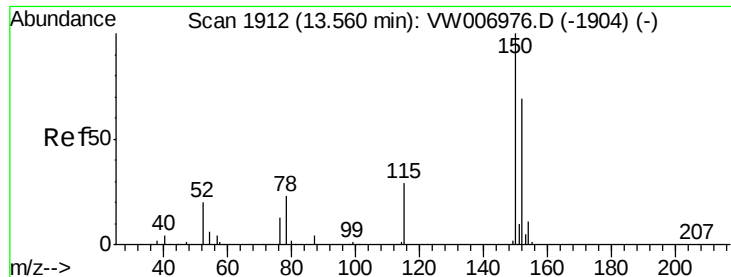
Tot Ion: 95 Resp: 47354
Ion Ratio Lower Upper
95 100
174 73.1 0.0 143.6
176 69.9 0.0 140.4



#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.63 min Scan# 1596
Delta R.T. 0.00 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Tgt Ion: 117 Resp: 117800
Ion Ratio Lower Upper
117 100
82 57.8 44.2 66.2
119 31.7 25.9 38.9



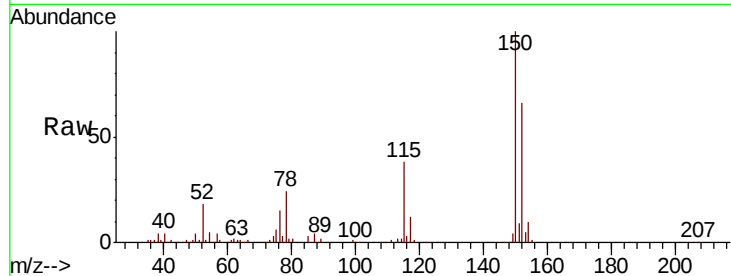


#72

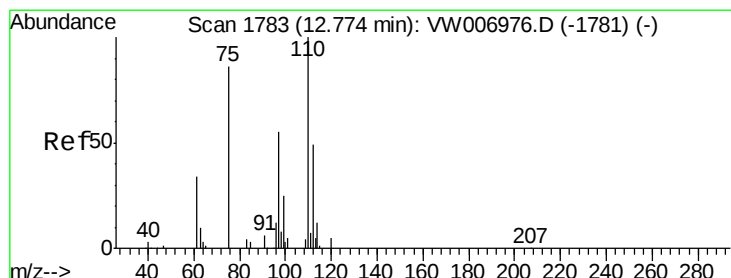
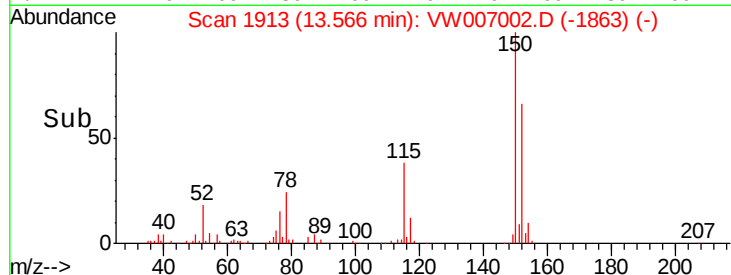
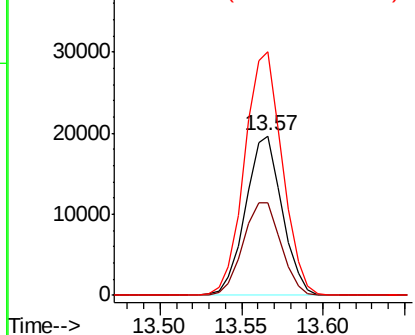
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.57 min Scan# 1913
Delta R.T. 0.01 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Instrument :
MSVOA_W
ClientSampleId :

Tot Ion:152 Resp: 30644
Ion Ratio Lower Upper
152 100
115 60.6 31.4 94.2
150 157.7 0.0 353.4



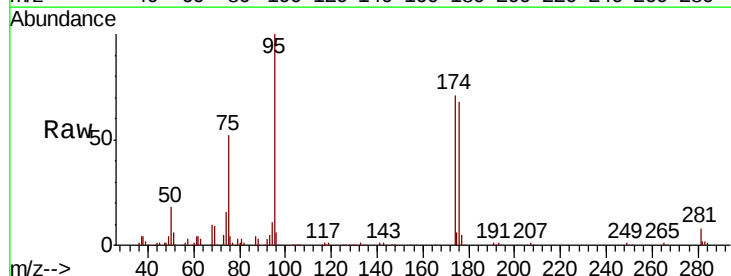
Abundance Ion 151.90 (151.60 to 152.60): V
Ion 114.90 (114.60 to 115.60): V
Ion 149.90 (149.60 to 150.60): V



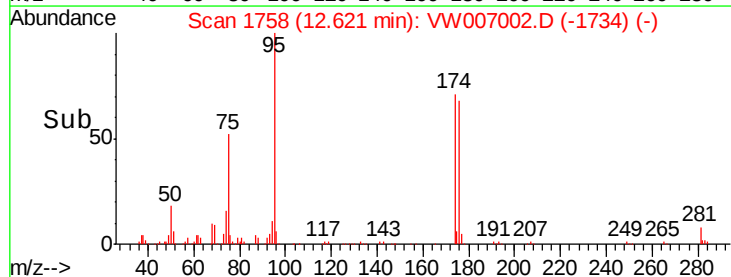
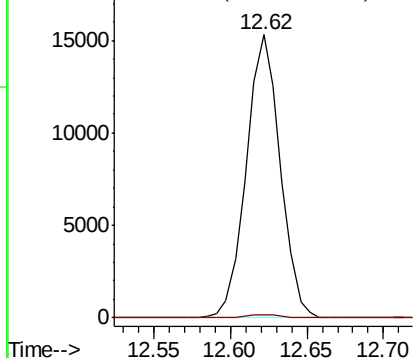
#76

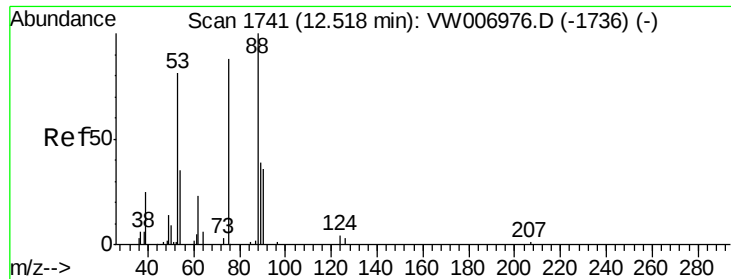
1,2,3-Trichloropropane
Concen: 97.708 ug/l
RT: 12.62 min Scan# 1758
Delta R.T. -0.15 min
Lab File: VW007002.D
Acq: 21 Nov 2018 16:17

Tgt Ion: 75 Resp: 23528
Ion Ratio Lower Upper
75 100
77 1.1 0.0 0.0#



Abundance Ion 74.90 (74.60 to 75.60): VW
Ion 77.00 (76.70 to 77.70): VW





#81

trans-1,4-Dichloro-2-butene

Concen: 245.306 ug/l

RT: 12.62 min Scan# 1758

Delta R.T. 0.10 min

Lab File: VW007002.D

Acq: 21 Nov 2018 16:17

Instrument :

MSVOA_W

ClientSampleId :

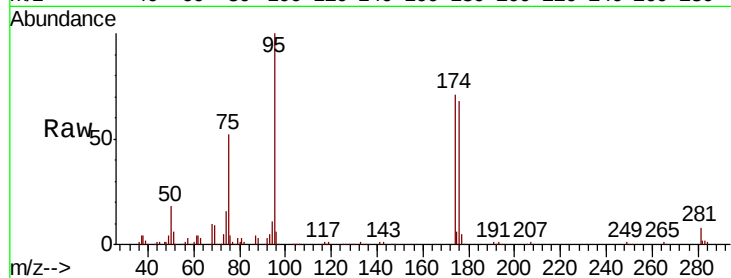
Tot Ion: 75 Resp: 23528

Ion Ratio Lower Upper

75 100

53 0.0 77.6 116.4#

89 0.0 39.3 58.9#



Abundance

Ion 74.90 (74.60 to 75.60): VW

Ion 53.00 (52.70 to 53.70): VW

Ion 88.90 (88.60 to 89.60): VW

