

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV050120\
 Data File : VV015864.D
 Acq On : 01 May 2020 17:39
 Operator : SY/MD
 Sample : L2435-04
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :

Quant Time: May 02 00:11:34 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat May 02 00:06:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	119359	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	115381	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.27	152	53154	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	30086	4.82	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.40%
7) Chloroethane-d5	1.58	69	29353	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.60%
11) 1,1-Dichloroethene-d2	2.12	63	46278	3.39	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.80%
20) 2-Butanone-d5	3.94	46	93644	46.76	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.52%
24) Chloroform-d	4.38	84	68027	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.06	65	37712	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.08	84	126351	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.10	67	40863	4.64	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.80%
41) Toluene-d8	7.34	98	111606	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.65	79	13098	3.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.00%
46) 2-Hexanone-d5	8.11	63	60182	36.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.54%
57) 1,1,2,2-Tetrachloroethane-	10.24	84	26607	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	81.20%
64) 1,2-Dichlorobenzene-d4	11.65	152	41509	4.59	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.80%

Target Compounds

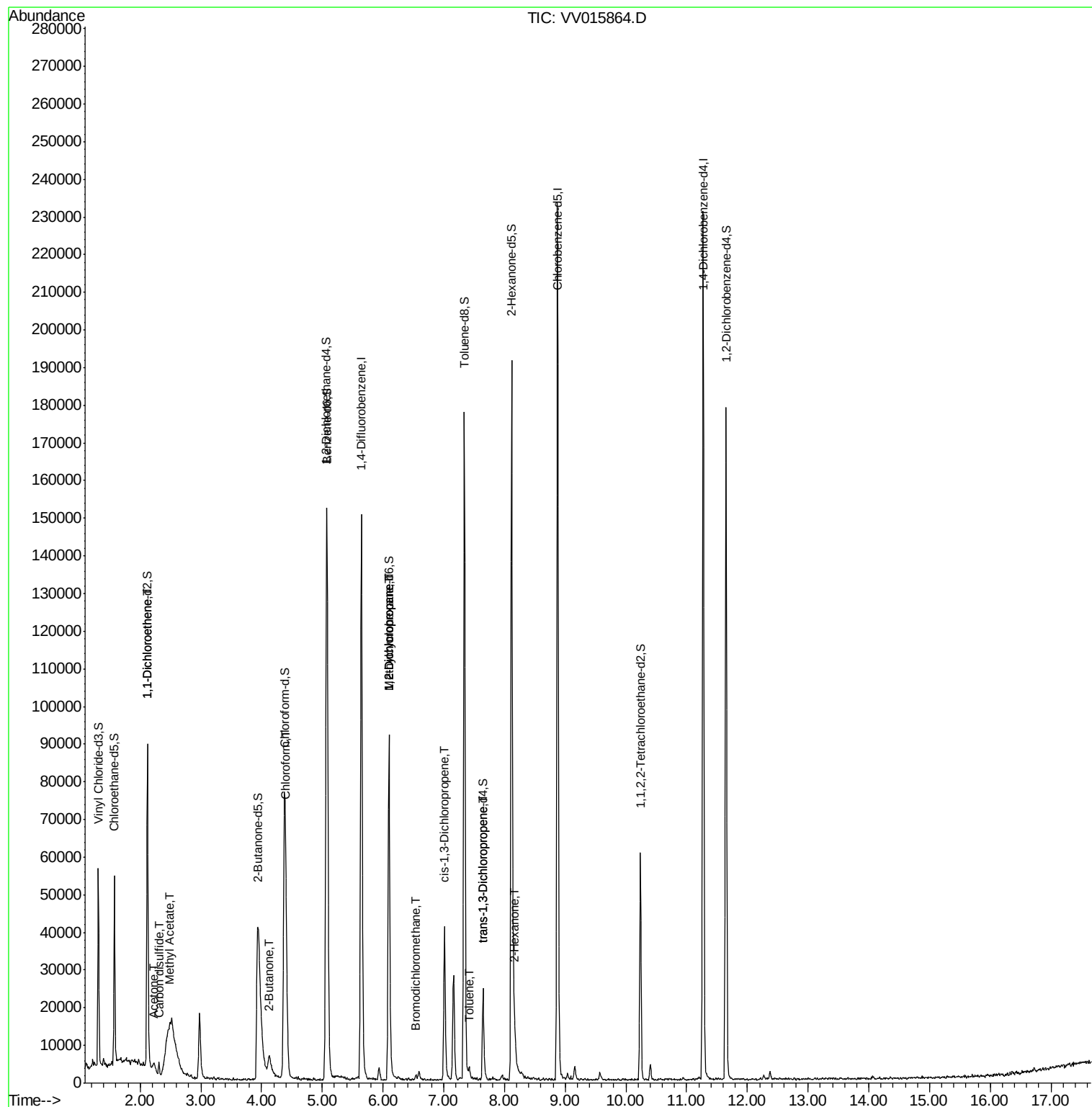
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
12) 1,1-Dichloroethene	2.12	96	534	0.077	ug/L #	1
13) Acetone	2.22	43	3639	2.617	ug/L	62
14) Carbon disulfide	2.31	76	3142	0.160	ug/L #	94
15) Methyl Acetate	2.47	43	2820	0.853	ug/L #	56
21) 2-Butanone	4.12	43	4650	2.168	ug/L #	51
25) Chloroform	4.41	83	30808	1.900	ug/L	98
35) Methylcyclohexane	6.10	83	9992	0.715	ug/L #	16
37) 1,2-Dichloropropane	6.10	63	5318	0.635	ug/L #	86
38) Bromodichloromethane	6.54	83	1007	0.095	ug/L #	82
39) cis-1,3-Dichloropropene	7.01	75	1348	0.115	ug/L #	69
42) Toluene	7.41	91	2238	0.064	ug/L	88
44) trans-1,3-Dichloropropene	7.65	75	743	0.076	ug/L	92
48) 2-Hexanone	8.17	43	5263	1.357	ug/L	91

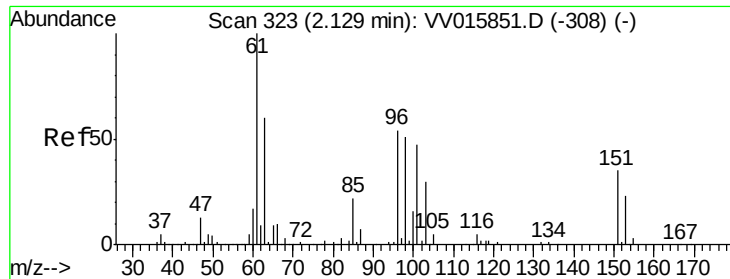
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\V0ASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR042220WMA.M
Quant Title : TRACE VOA SOM01.0
QLast Update : Sat May 02 00:06:27 2020
Response via : Initial Calibration

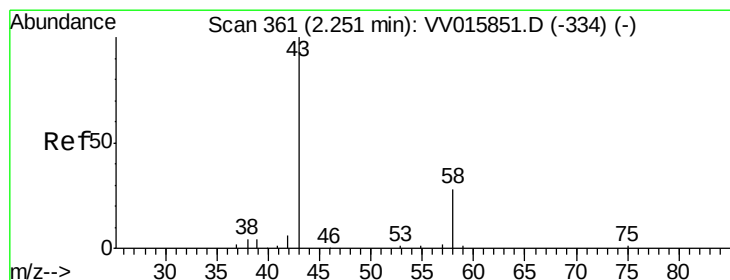
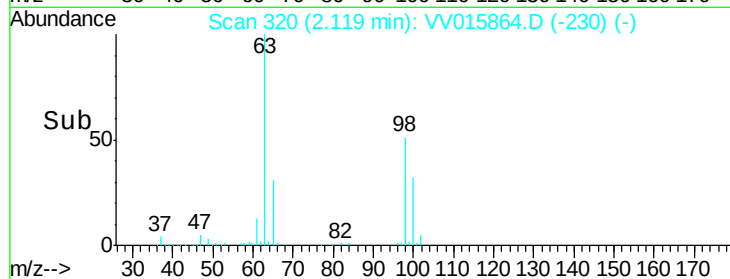
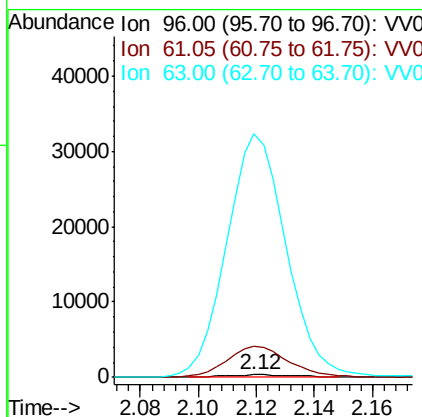
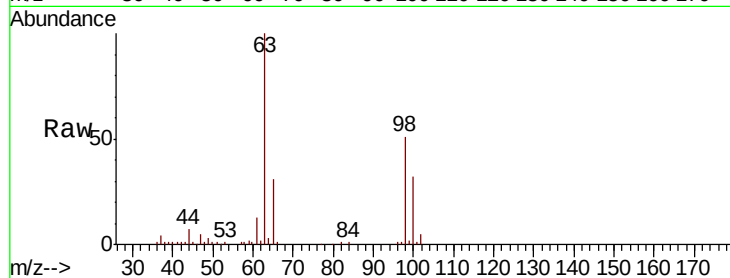




#12
 1,1-Dichloroethene
 Concen: 0.077 ug/L
 RT: 2.12 min Scan# 320
 Delta R.T. -0.01 min
 Lab File: VV015864.D
 Acq: 01 May 2020 17:39

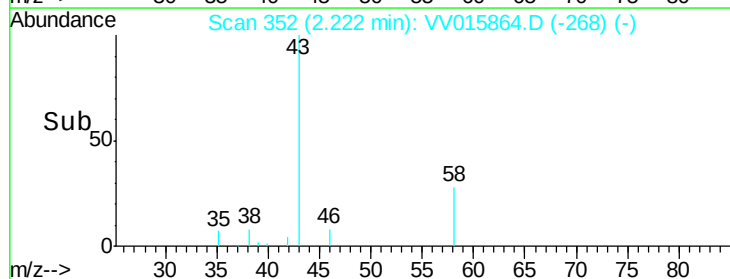
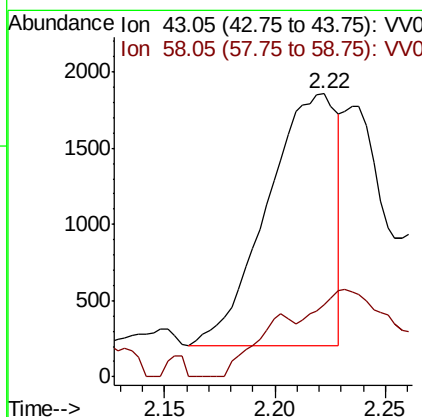
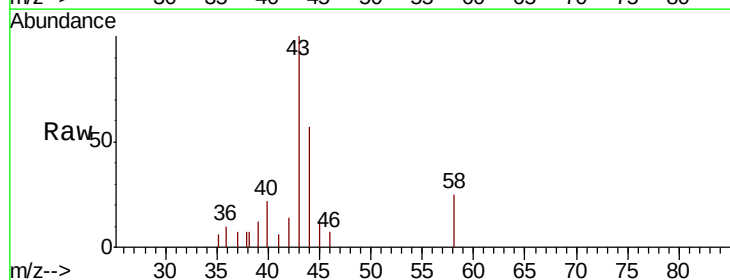
Instrument :
 MSVOA_V
 ClientSampleId :

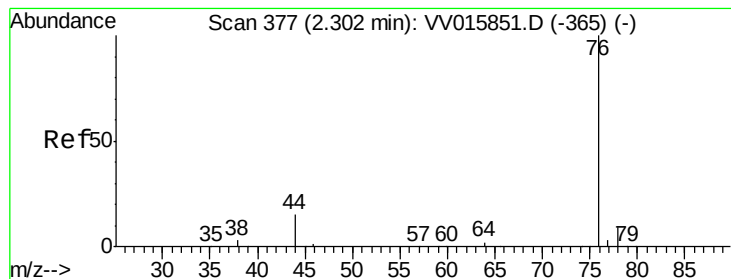
Tot Ion: 96 Resp: 534
 Ion Ratio Lower Upper
 96 100
 61 1283.1 130.1 241.7#
 63 9916.6 91.4 169.8#



#13
 Acetone
 Concen: 2.617 ug/L
 RT: 2.22 min Scan# 352
 Delta R.T. -0.03 min
 Lab File: VV015864.D
 Acq: 01 May 2020 17:39

Tgt Ion: 43 Resp: 3639
 Ion Ratio Lower Upper
 43 100
 58 48.9 0.0 57.6





#14

Carbon disulfide

Concen: 0.160 ug/L

RT: 2.31 min Scan# 379

Delta R.T. 0.01 min

Lab File: VV015864.D

Acq: 01 May 2020 17:39

Instrument :

MSVOA_V

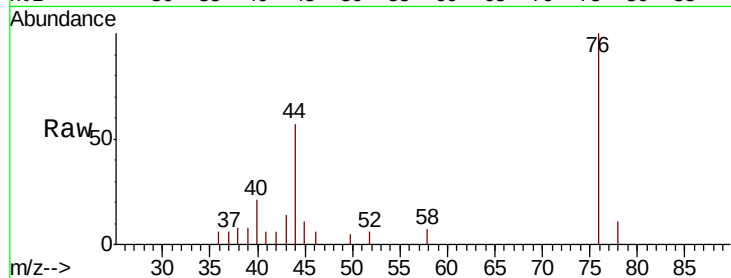
ClientSampleId :

Tot Ion: 76 Resp: 3142

Ion Ratio Lower Upper

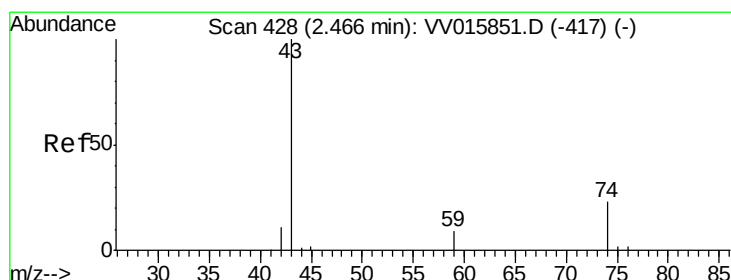
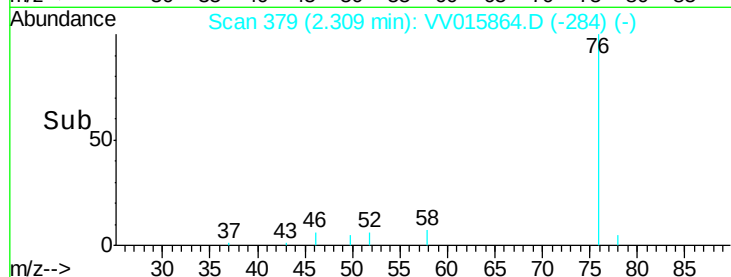
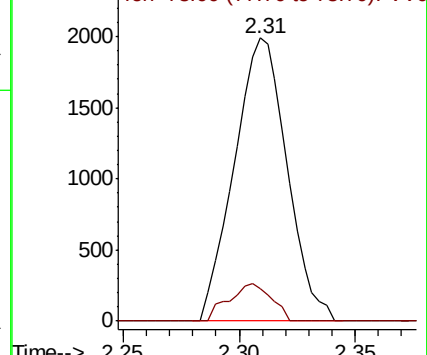
76 100

78 11.5 7.4 11.0#



Abundance Ion 76.05 (75.75 to 76.75): VV0

Ion 78.00 (77.70 to 78.70): VV0



#15

Methyl Acetate

Concen: 0.853 ug/L

RT: 2.47 min Scan# 428

Delta R.T. 0.00 min

Lab File: VV015864.D

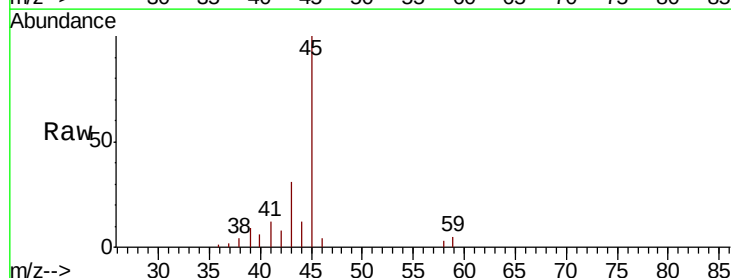
Acq: 01 May 2020 17:39

Tgt Ion: 43 Resp: 2820

Ion Ratio Lower Upper

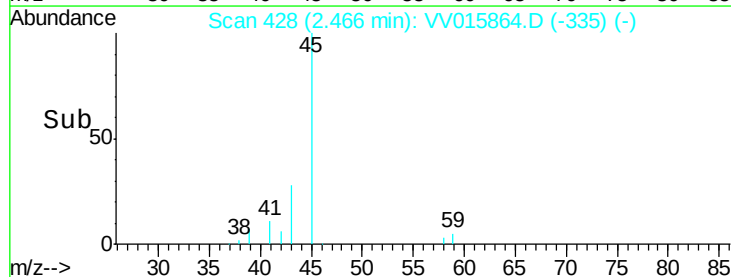
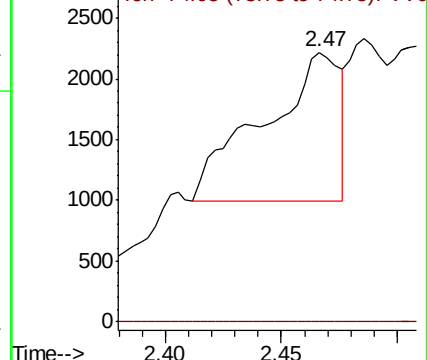
43 100

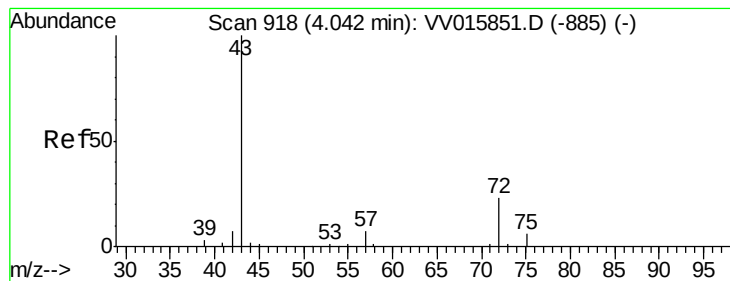
74 0.0 16.3 24.5#



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 74.05 (73.75 to 74.75): VV0





#21

2-Butanone

Concen: 2.168 ug/L

RT: 4.12 min Scan# 943

Delta R.T. 0.08 min

Lab File: VV015864.D

Acq: 01 May 2020 17:39

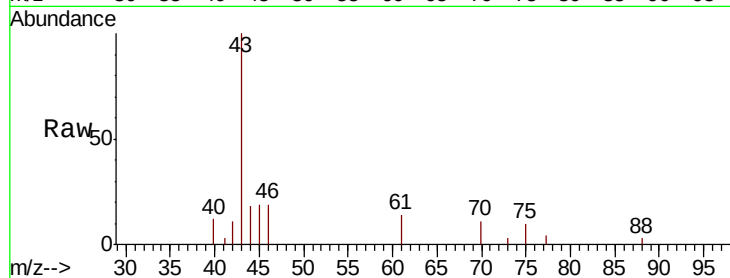
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 43 Resp: 4650

Ion Ratio Lower Upper

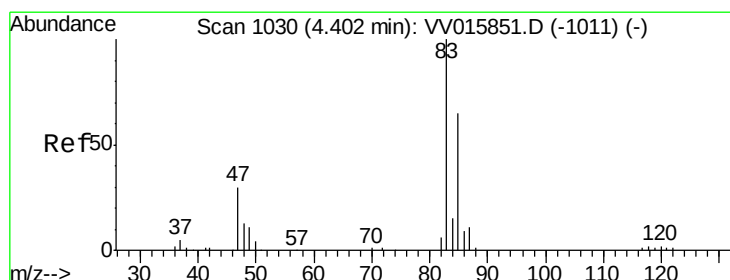
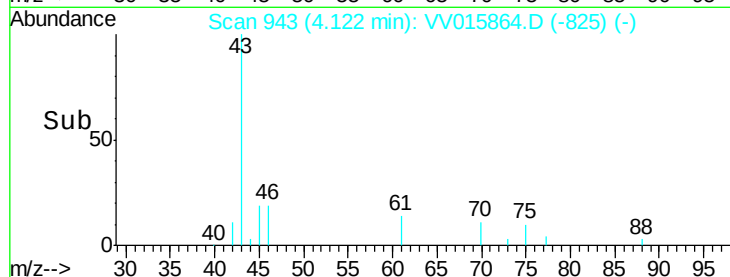
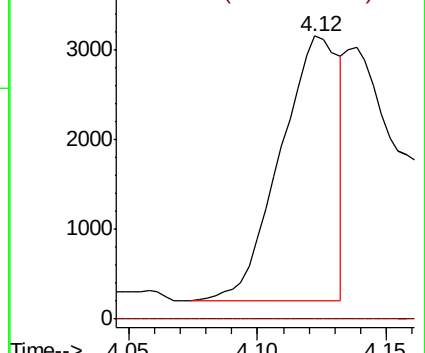
43 100

72 0.0 12.3 36.9#



Abundance Ion 43.00 (42.70 to 43.70): VV015851.D (-885) (-)

Ion 72.00 (71.70 to 72.70): VV015851.D (-885) (-)



#25

Chloroform

Concen: 1.900 ug/L

RT: 4.41 min Scan# 1031

Delta R.T. 0.00 min

Lab File: VV015864.D

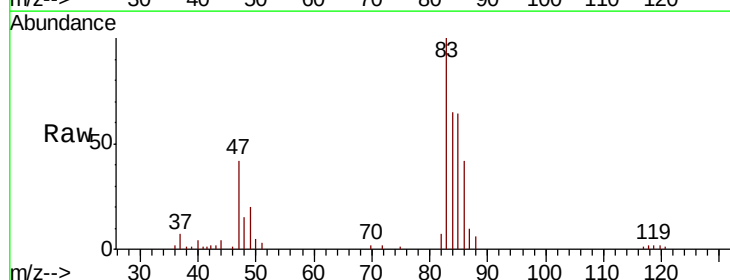
Acq: 01 May 2020 17:39

Tgt Ion: 83 Resp: 30808

Ion Ratio Lower Upper

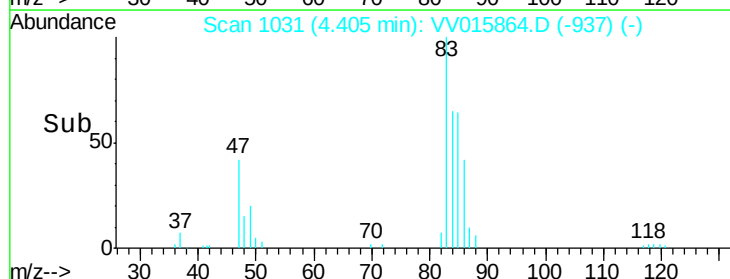
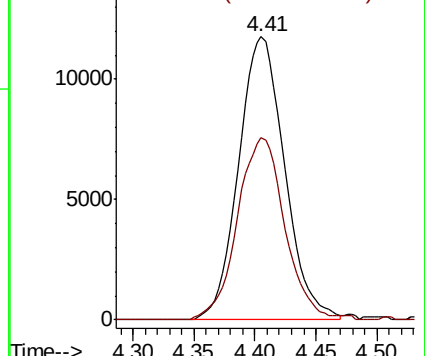
83 100

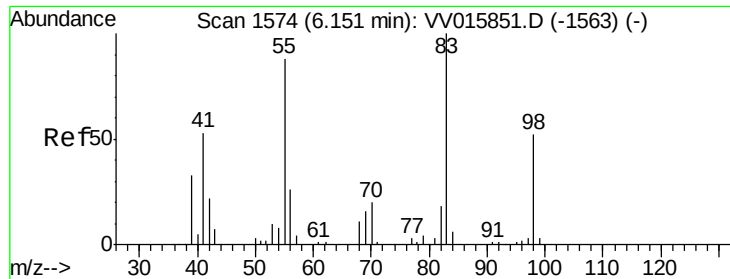
85 64.4 46.1 85.5



Abundance Ion 83.05 (82.75 to 83.75): VV015851.D (-1011) (-)

Ion 85.00 (84.70 to 85.70): VV015851.D (-1011) (-)

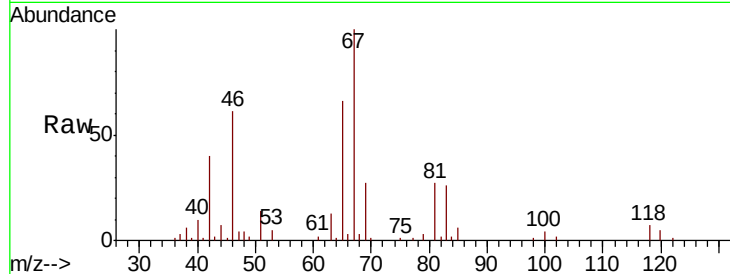




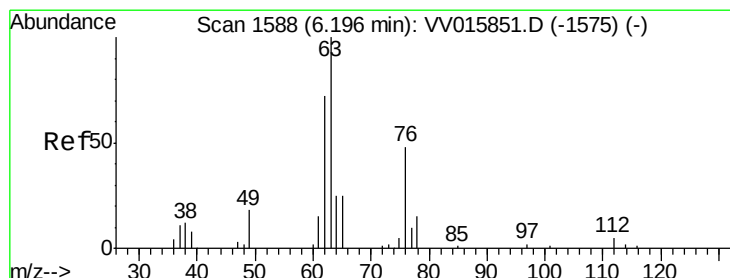
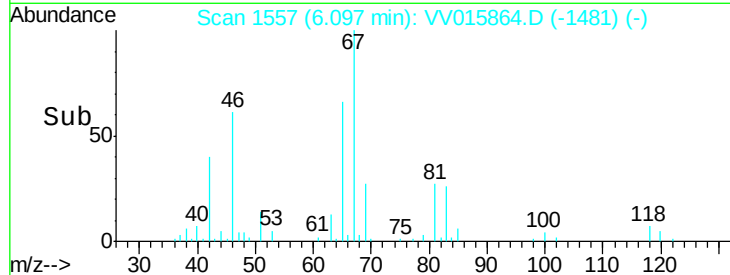
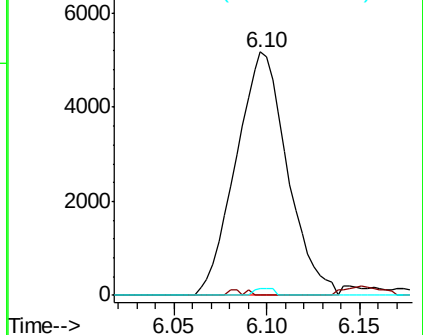
#35
Methylvlcyclohexane
Concen: 0.715 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.05 min
Lab File: VV015864.D
Acq: 01 May 2020 17:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 83 Resp: 9992
Ion Ratio Lower Upper
83 100
55 0.7 66.6 99.8#
98 1.0 39.5 59.3#

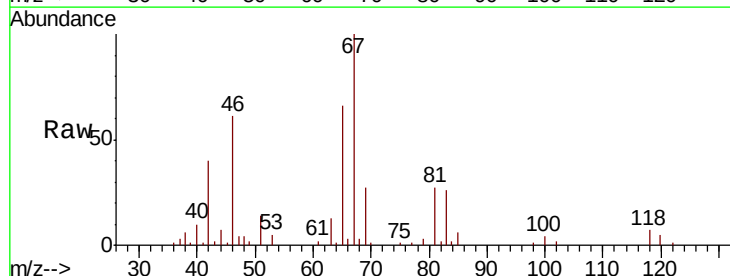


Abundance Ion 83.15 (82.85 to 83.85): VV0
Ion 55.10 (54.80 to 55.80): VV0
Ion 98.15 (97.85 to 98.85): VV0

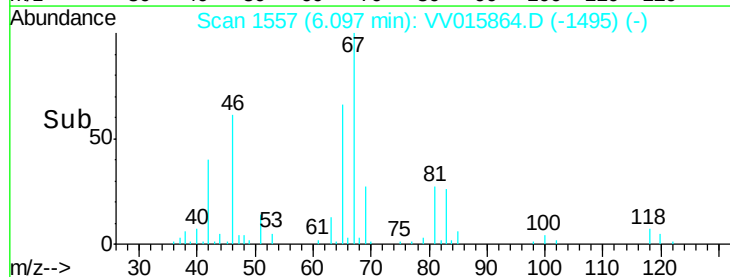
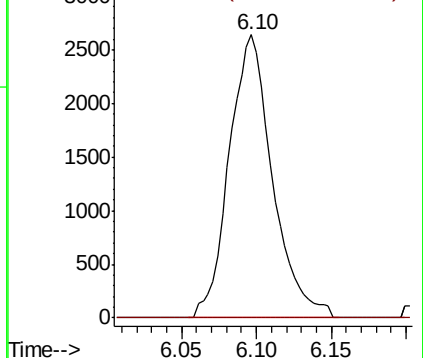


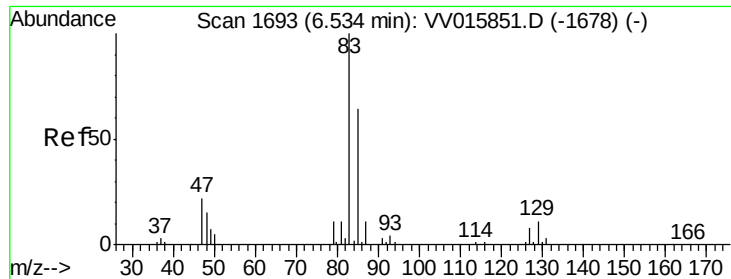
#37
1,2-Dichloropropane
Concen: 0.635 ug/L
RT: 6.10 min Scan# 1557
Delta R.T. -0.10 min
Lab File: VV015864.D
Acq: 01 May 2020 17:39

Tgt Ion: 63 Resp: 5318
Ion Ratio Lower Upper
63 100
112 0.0 3.6 5.4#



Abundance Ion 63.10 (62.80 to 63.80): VV0
Ion 112.10 (111.80 to 112.80): V





#38

Bromodichloromethane

Concen: 0.095 ug/L

RT: 6.54 min Scan# 1696

Delta R.T. 0.01 min

Lab File: VV015864.D

Acq: 01 May 2020 17:39

Instrument :

MSVOA_V

ClientSampled :

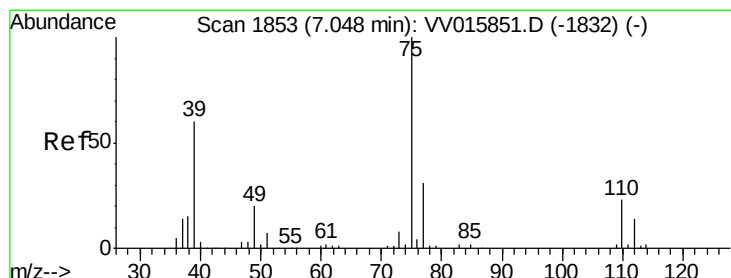
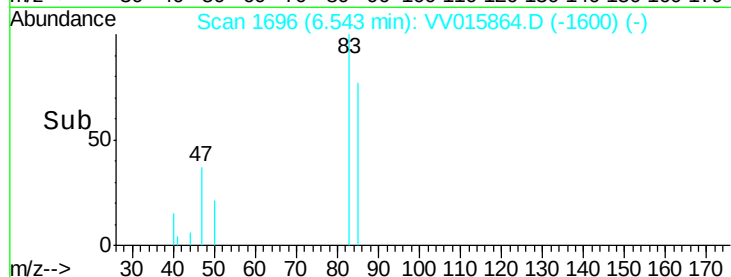
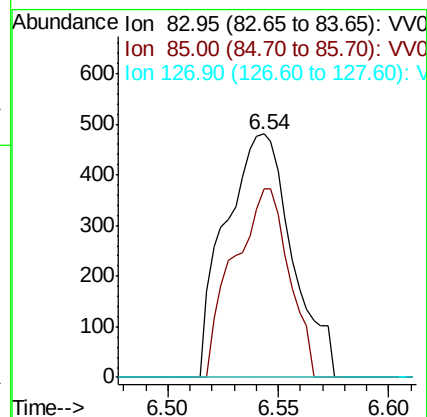
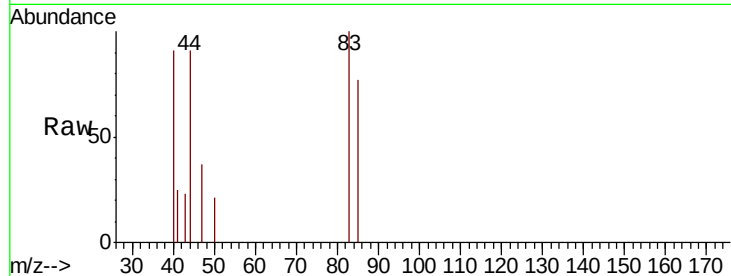
Tot Ion: 83 Resp: 1007

Ion Ratio Lower Upper

83 100

85 77.3 44.7 83.1

127 0.0 5.8 8.6#



#39

cis-1,3-Dichloropropene

Concen: 0.115 ug/L

RT: 7.01 min Scan# 1840

Delta R.T. -0.04 min

Lab File: VV015864.D

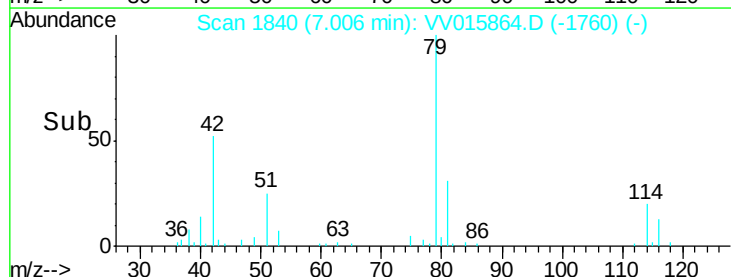
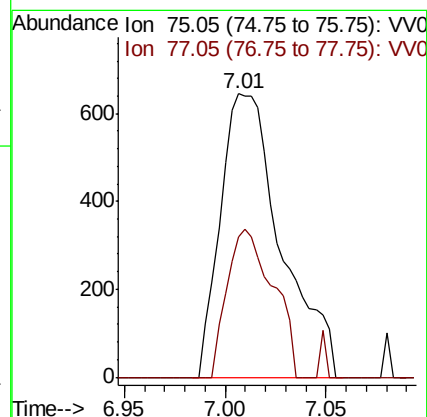
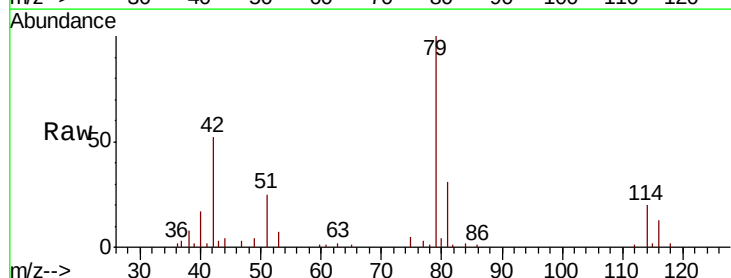
Acq: 01 May 2020 17:39

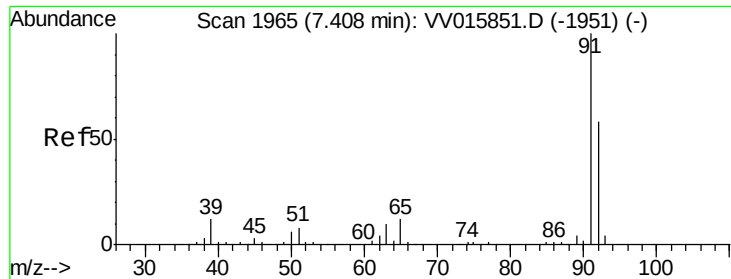
Tgt Ion: 75 Resp: 1348

Ion Ratio Lower Upper

75 100

77 49.3 22.3 41.5#





#42

Toluene

Concen: 0.064 ug/L

RT: 7.41 min Scan# 1967

Delta R.T. 0.01 min

Lab File: VV015864.D

Acq: 01 May 2020 17:39

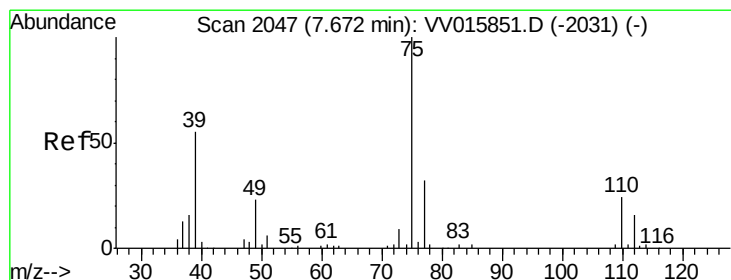
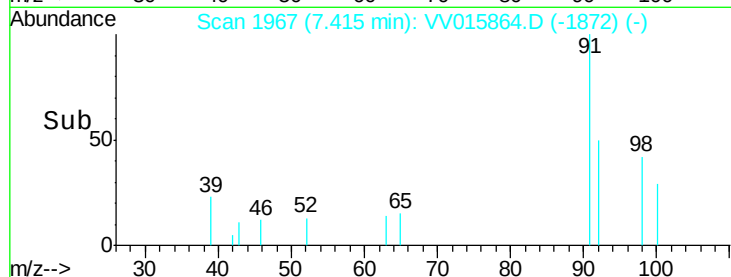
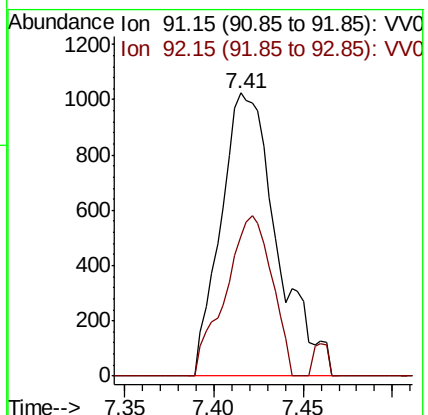
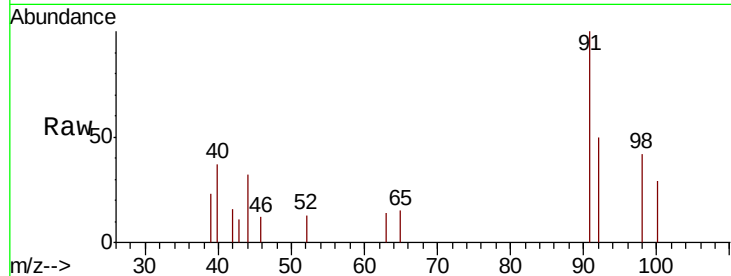
Instrument :
MSVOA_V
ClientSampled :

Tot Ion: 91 Resp: 2238

Ion Ratio Lower Upper

91 100

92 49.5 40.7 75.7



#44

trans-1,3-Dichloropropene

Concen: 0.076 ug/L

RT: 7.65 min Scan# 2039

Delta R.T. -0.03 min

Lab File: VV015864.D

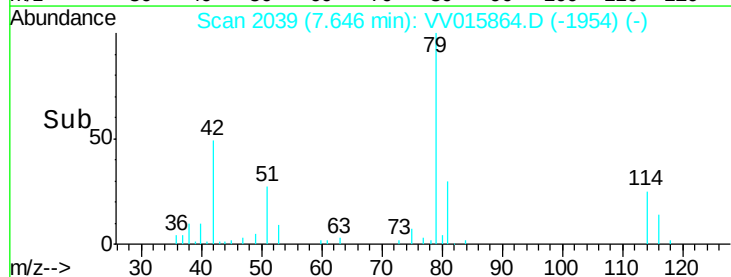
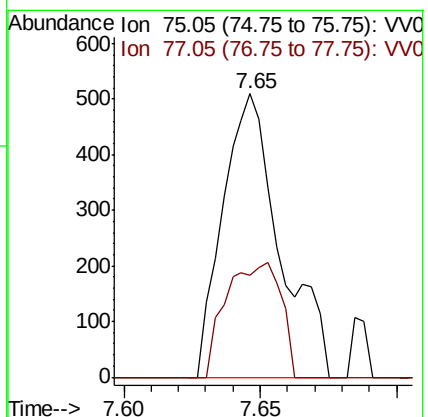
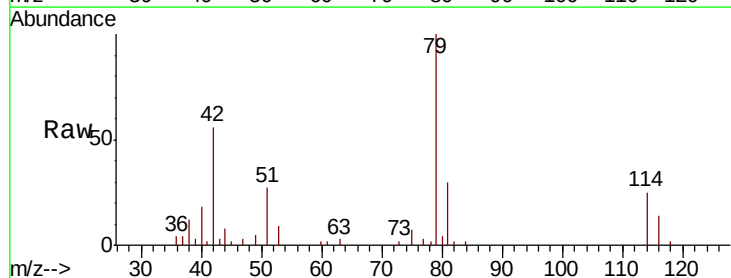
Acq: 01 May 2020 17:39

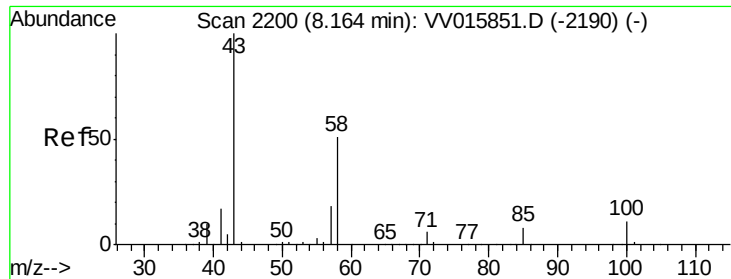
Tgt Ion: 75 Resp: 743

Ion Ratio Lower Upper

75 100

77 35.8 21.8 40.6





#48

2-Hexanone

Concen: 1.357 ug/L

RT: 8.17 min Scan# 2202

Delta R.T. 0.01 min

Lab File: VV015864.D

Acq: 01 May 2020 17:39

Instrument :
MSVOA_V
ClientSampleId :

Tot Ion: 43 Resp: 5263

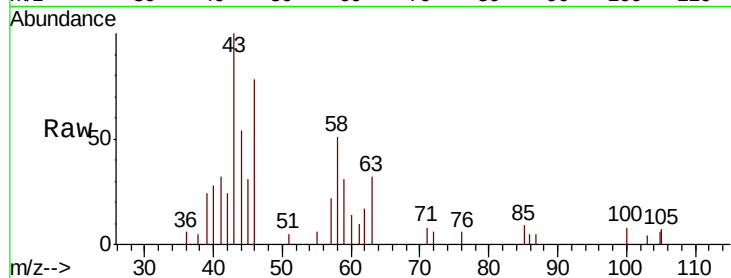
Ion Ratio Lower Upper

43 100

58 42.2 41.1 61.7

57 18.2 15.0 22.4

100 9.2 9.0 13.4



Abundance Ion 43.05 (42.75 to 43.75): VV0

Ion 58.05 (57.75 to 58.75): VV0

Ion 57.20 (56.90 to 57.90): VV0

Ion 100.15 (99.85 to 100.85): VV0

