

Data Path : Z:\VOASRV\HPCHEM1\MSVOA W\DATA\VW011421\
 Data File : VW017880.D
 Acq On : 14 Jan 2021 15:17
 Operator : SY/VA
 Sample : M1099-05
 Misc : 4.90G/10ML/MSVOA W/SOIL
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_W
 ClientSampleId :
 F1C05

Quant Time: Jan 14 23:51:48 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_W\METHOD\SOM2WLM122420S.M
 Quant Title : VOC Analysis
 QLast Update : Thu Jan 14 21:44:45 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	8.84	114	285728	25.00	ug/L	0.00
28) Chlorobenzene-d5	11.63	117	241660	25.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	13.56	152	83830	25.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	2.35	65	108987	24.65	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	98.60%
7) Chloroethane-d5	2.89	69	90480	24.80	ug/L	0.00
Spiked Amount	25.000	Range	30 - 150	Recovery	=	99.20%
10) 1,1-Dichloroethene-d2	4.02	63	140101	18.19	ug/L	0.00
Spiked Amount	25.000	Range	45 - 110	Recovery	=	72.76%
20) 2-Butanone-d5	7.08	46	42359	59.12	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	118.24%
24) Chloroform-d	7.65	84	189309	25.35	ug/L	0.00
Spiked Amount	25.000	Range	40 - 150	Recovery	=	101.40%
26) 1,2-Dichloroethane-d4	8.31	65	111936	28.96	ug/L	0.00
Spiked Amount	25.000	Range	70 - 130	Recovery	=	115.84%
29) Benzene-d6	8.27	84	366231	26.90	ug/L	0.00
Spiked Amount	25.000	Range	20 - 135	Recovery	=	107.60%
33) 1,2-Dichloropropane-d6	9.27	67	108515	28.92	ug/L	0.00
Spiked Amount	25.000	Range	70 - 120	Recovery	=	115.68%
37) Toluene-d8	10.32	98	319839	24.46	ug/L	0.00
Spiked Amount	25.000	Range	30 - 130	Recovery	=	97.84%
38) trans-1,3-Dichloropropene-	10.58	79	38695	23.14	ug/L	0.00
Spiked Amount	25.000	Range	30 - 135	Recovery	=	92.56%
39) 2-Hexanone-d5	10.93	63	28914	61.36	ug/L	0.00
Spiked Amount	50.000	Range	20 - 135	Recovery	=	122.72%
48) 1,1,2,2-Tetrachloroethane-	12.69	84	76796	27.57	ug/L	0.00
Spiked Amount	25.000	Range	45 - 120	Recovery	=	110.28%
61) 1,2-Dichlorobenzene-d4	13.85	152	72366	24.79	ug/L	0.00
Spiked Amount	25.000	Range	75 - 120	Recovery	=	99.16%

Target Compounds

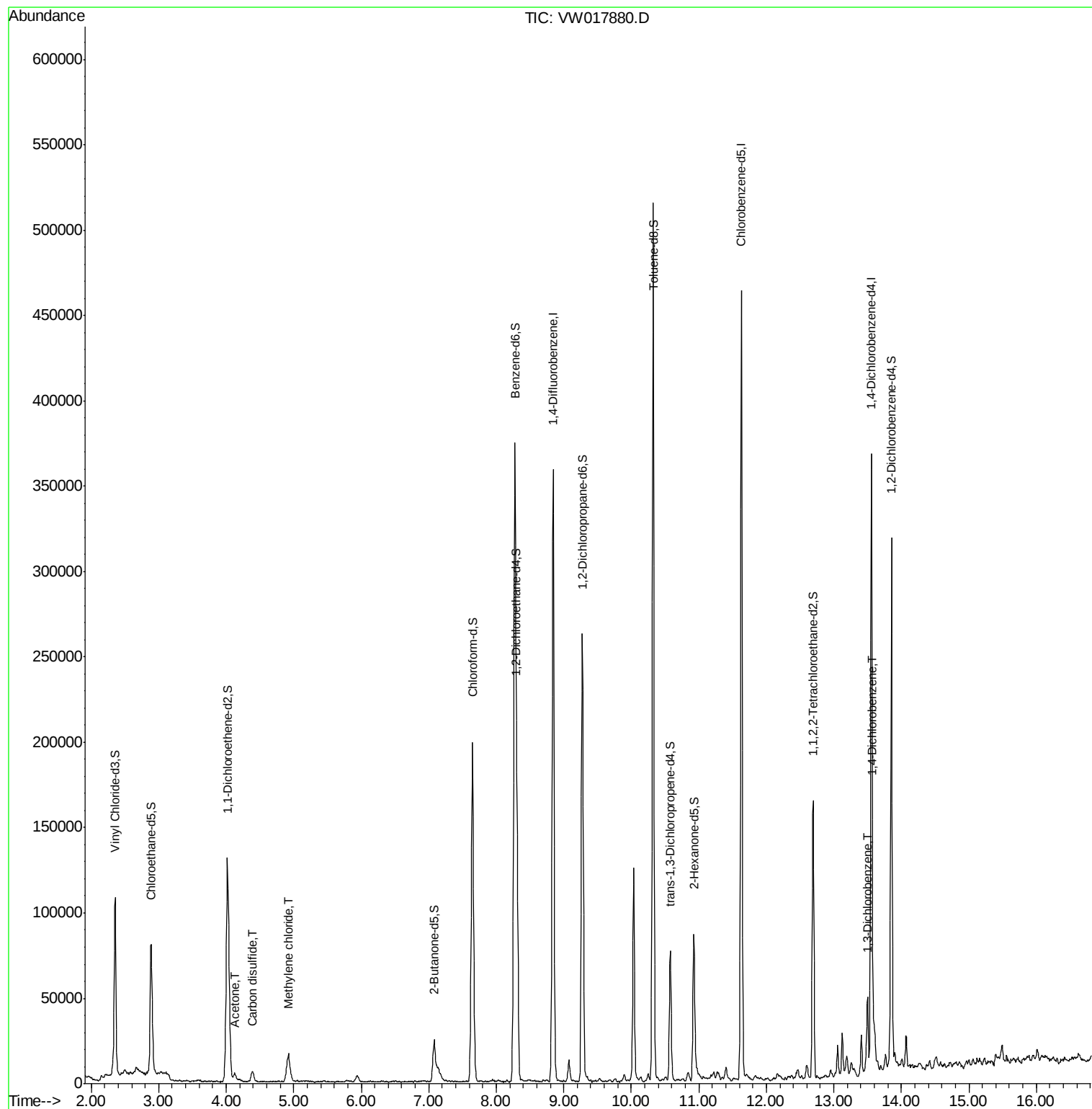
					Ovalue
13) Acetone	4.13	43	8397	13.571	ug/L 92
14) Carbon disulfide	4.39	76	13131	1.249	ug/L 99
16) Methylene chloride	4.92	84	12185	2.982	ug/L 91
63) 1,3-Dichlorobenzene	13.50	146	14683	2.838	ug/L 94
64) 1,4-Dichlorobenzene	13.58	146	8048	1.548	ug/L 94

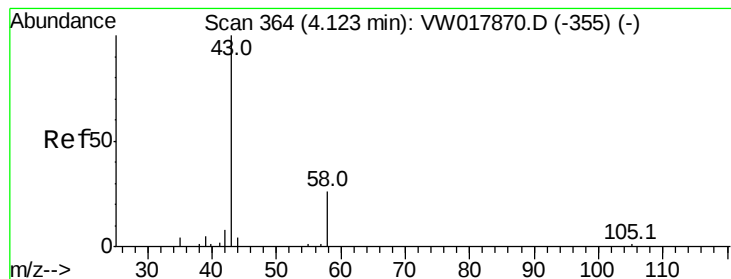
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Acetone

Concen: 13.571 ug/L

RT: 4.13 min Scan# 365

Delta R.T. 0.01 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

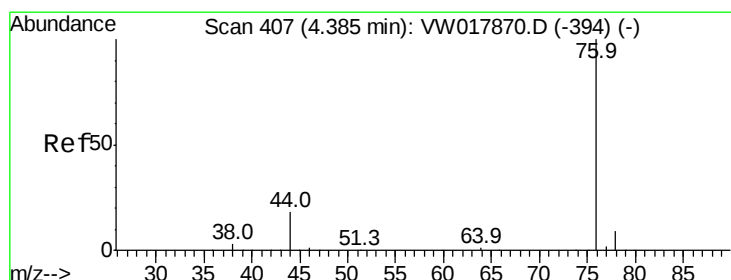
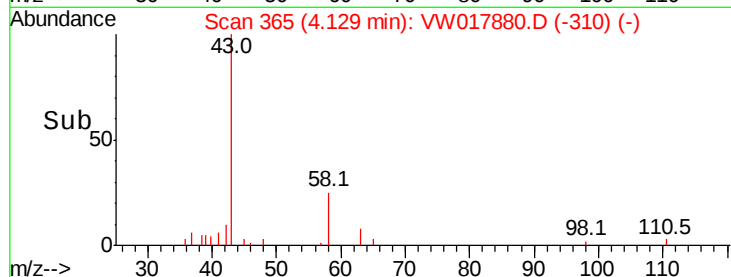
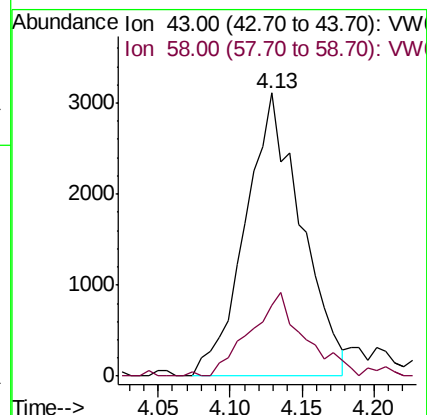
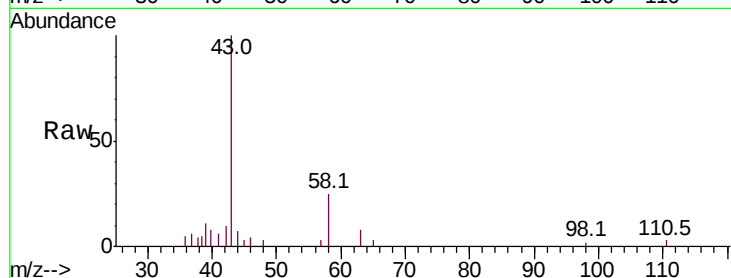
F1C05

Tot Ion: 43 Resp: 8397

Ion Ratio Lower Upper

43 100

58 26.0 0.0 60.8



#14

Carbon disulfide

Concen: 1.249 ug/L

RT: 4.39 min Scan# 408

Delta R.T. 0.01 min

Lab File: VW017880.D

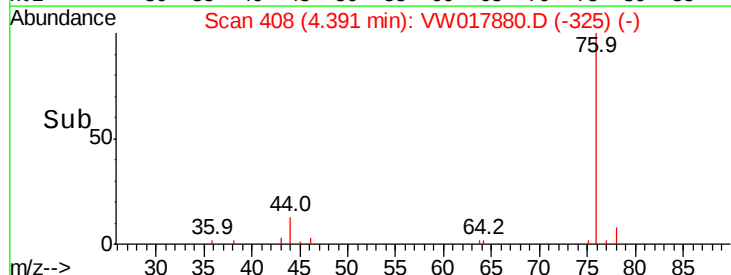
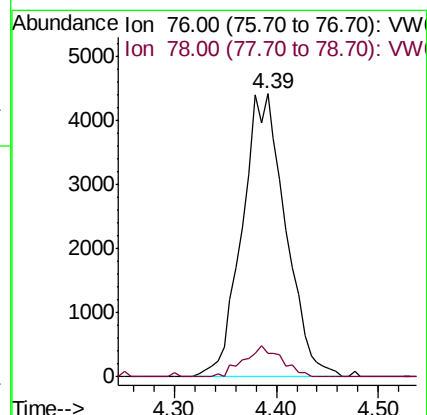
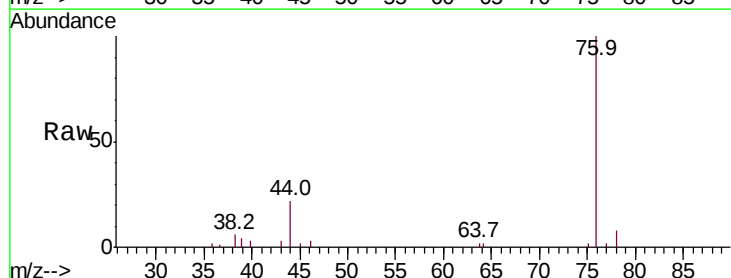
Acq: 14 Jan 2021 15:17

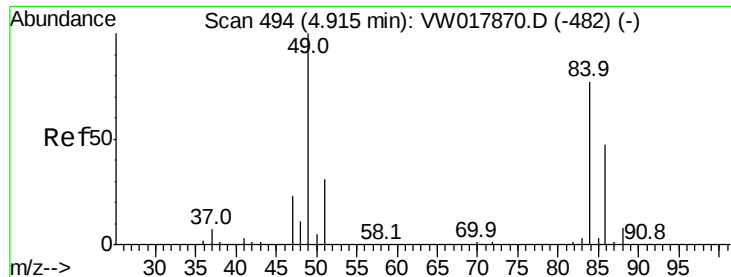
Tgt Ion: 76 Resp: 13131

Ion Ratio Lower Upper

76 100

78 8.4 7.1 10.7

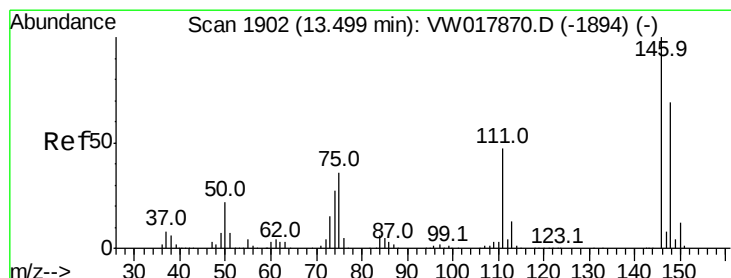
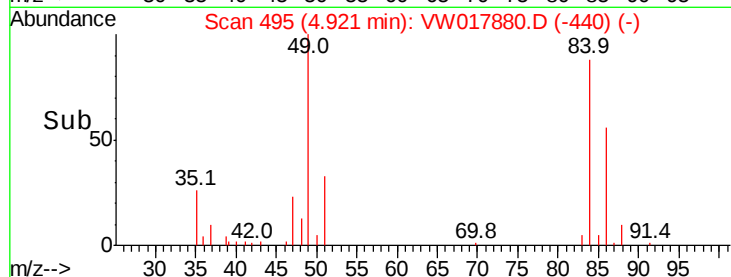
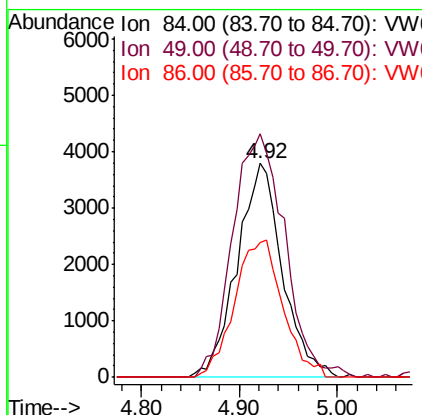
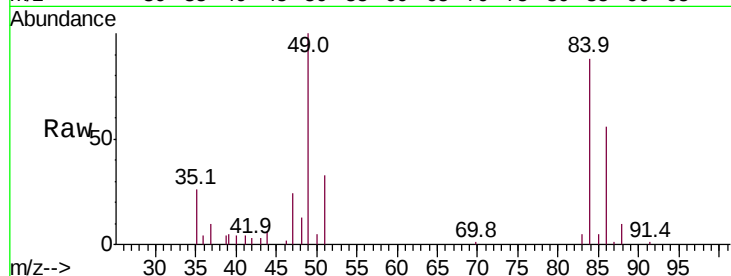




#16
Methylene chloride
Concen: 2.982 ug/L
RT: 4.92 min Scan# 495
Delta R.T. 0.01 min
Lab File: VW017880.D
Acq: 14 Jan 2021 15:17

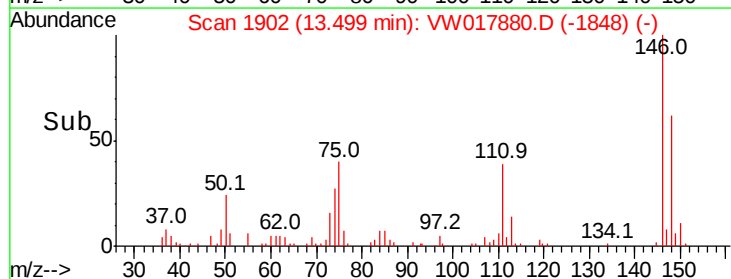
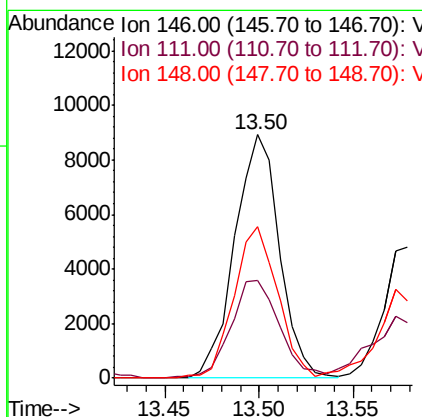
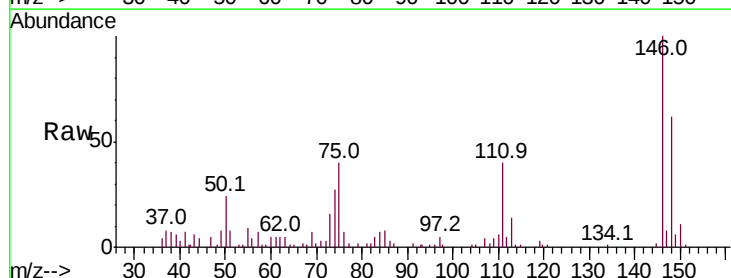
Instrument :
MSVOA_W
ClientSampleId :
F1C05

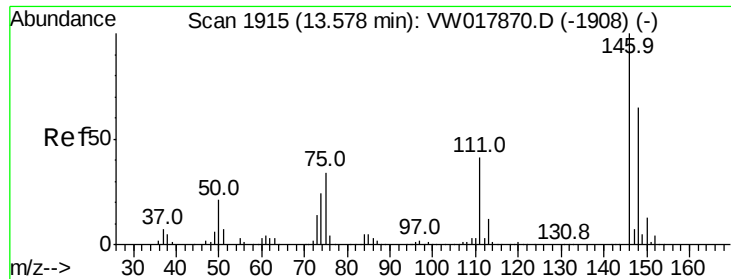
Tot Ion: 84 Resp: 12185
Ion Ratio Lower Upper
84 100
49 113.8 90.5 168.1
86 63.2 44.8 83.2



#63
1,3-Dichlorobenzene
Concen: 2.838 ug/L
RT: 13.50 min Scan# 1902
Delta R.T. 0.00 min
Lab File: VW017880.D
Acq: 14 Jan 2021 15:17

Tgt Ion: 146 Resp: 14683
Ion Ratio Lower Upper
146 100
111 40.4 29.5 54.7
148 62.2 47.7 88.5





#64

1,4-Dichlorobenzene

Concen: 1.548 ug/L

RT: 13.58 min Scan# 1915

Delta R.T. 0.00 min

Lab File: VW017880.D

Acq: 14 Jan 2021 15:17

Instrument :

MSVOA_W

ClientSampleId :

F1C05

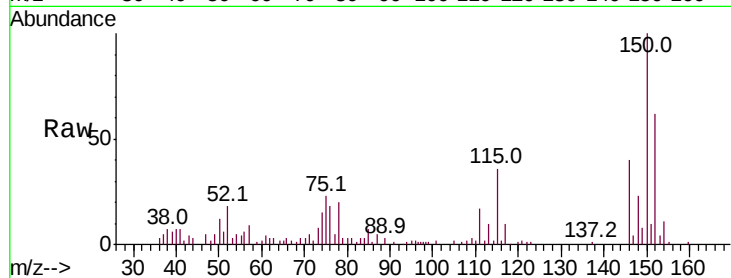
Tot Ion:146 Resp: 8048

Ion Ratio Lower Upper

146 100

111 42.2 27.7 51.5

148 58.3 44.2 82.2



Abundance Ion 146.00 (145.70 to 146.70): V

Ion 111.00 (110.70 to 111.70): V

Ion 148.00 (147.70 to 148.70): V

